

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019539.D
 Acq On : 02 Feb 2024 21:51
 Operator : MA/JU
 Sample : 03572-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Feb 02 23:58:08 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	58179	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	250422	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	181341	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	402284	20.000	ng	0.00
76) Chrysene-d12	21.386	240	272088	20.000	ng	0.00
86) Perylene-d12	23.797	264	277194	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	731934	202.791	ng	0.00
7) Phenol-d6	7.081	99	1015461	208.657	ng	0.00
23) Nitrobenzene-d5	9.081	82	674446	116.702	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	610082	230.419	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	1667707	113.690	ng	0.00
79) Terphenyl-d14	19.868	244	2541080	153.587	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	16772	12.061	ng	96
3) Pyridine	3.787	79	44729	11.864	ng	99
4) n-Nitrosodimethylamine	3.710	42	19847	12.092	ng	# 90
6) Aniline	7.245	93	69891	14.780	ng	99
8) 2-Chlorophenol	7.469	128	44485	12.005	ng	96
9) Benzaldehyde	7.057	77	48514	14.218	ng	100
10) Phenol	7.104	94	59233	12.212	ng	90
11) bis(2-Chloroethyl)ether	7.345	93	46440	12.306	ng	100
12) 1,3-Dichlorobenzene	7.798	146	52975	11.683	ng	97
13) 1,4-Dichlorobenzene	7.945	146	53905	11.734	ng	100
14) 1,2-Dichlorobenzene	8.257	146	51482	11.583	ng	98
15) Benzyl Alcohol	8.157	79	52119	13.403	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.439	45	48023	12.726	ng	98
17) 2-Methylphenol	8.357	107	41291	12.644	ng	96
18) Hexachloroethane	8.981	117	20203	11.346	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	44941	13.520	ng	96
20) 3+4-Methylphenols	8.681	107	55954	12.555	ng	98
22) Acetophenone	8.739	105	87370	12.247	ng	# 99
24) Nitrobenzene	9.122	77	67655	11.627	ng	97
25) Isophorone	9.645	82	124197	12.340	ng	99
26) 2-Nitrophenol	9.828	139	23276	10.491	ng	98
27) 2,4-Dimethylphenol	9.886	122	38900	13.712	ng	99
28) bis(2-Chloroethoxy)met...	10.133	93	66523	11.682	ng	99
29) 2,4-Dichlorophenol	10.357	162	49524	11.548	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	57959	11.022	ng	99
31) Naphthalene	10.757	128	156231	11.375	ng	100
32) Benzoic acid	9.969	122	25382	9.183	ng	89
33) 4-Chloroaniline	10.875	127	66063	13.006	ng	99
34) Hexachlorobutadiene	11.033	225	40944	10.508	ng	98
35) Caprolactam	11.651	113	15639	12.882	ng	90
36) 4-Chloro-3-methylphenol	11.998	107	56545	12.092	ng	99
37) 2-Methylnaphthalene	12.369	142	115013	12.100	ng	94
38) 1-Methylnaphthalene	12.369	142	115013	12.313	ng	91
40) 1,2,4,5-Tetrachloroben...	12.727	216	76922	10.999	ng	99
41) Hexachlorocyclopentadiene	12.704	237	41522	13.142	ng	99
43) 2,4,6-Trichlorophenol	12.974	196	45850	10.827	ng	97

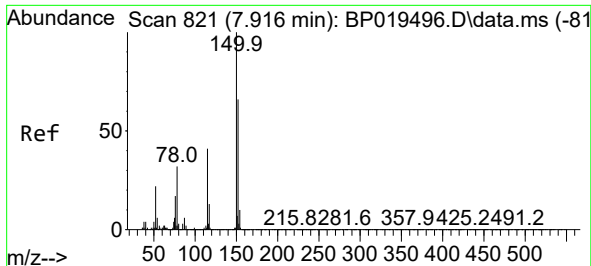
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	50011	10.755	ng	98
46) 1,1'-Biphenyl	13.380	154	162091	11.199	ng	99
47) 2-Chloronaphthalene	13.422	162	128764	10.838	ng	99
48) 2-Nitroaniline	13.627	65	36554	11.003	ng	97
49) Acenaphthylene	14.263	152	206477	12.387	ng	100
50) Dimethylphthalate	14.010	163	167835	12.090	ng	98
51) 2,6-Dinitrotoluene	14.127	165	34419	11.285	ng	94
52) Acenaphthene	14.604	154	116677	11.278	ng	98
53) 3-Nitroaniline	14.457	138	31779	11.338	ng	89
54) 2,4-Dinitrophenol	14.663	184	14638	9.243	ng	92
55) Dibenzofuran	14.939	168	199780	11.857	ng	99
56) 4-Nitrophenol	14.757	139	23722	10.326	ng	97
57) 2,4-Dinitrotoluene	14.916	165	44903	11.235	ng	93
58) Fluorene	15.592	166	162179	12.085	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	47232	12.075	ng	98
60) Diethylphthalate	15.380	149	163520	11.842	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	88591	11.745	ng	99
62) 4-Nitroaniline	15.616	138	32169	10.949	ng	92
63) Azobenzene	15.886	77	156430	11.715	ng	98
65) 4,6-Dinitro-2-methylph...	15.674	198	20700	9.024	ng	94
66) n-Nitrosodiphenylamine	15.810	169	139195	11.553	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	54481	10.833	ng	98
68) Hexachlorobenzene	16.586	284	65743	11.195	ng	98
69) Atrazine	16.768	200	53639	13.417	ng	99
70) Pentachlorophenol	16.939	266	33030	9.031	ng	93
71) Phenanthrene	17.339	178	252604	11.932	ng	99
72) Anthracene	17.433	178	252399	11.951	ng	99
73) Carbazole	17.704	167	212684	11.086	ng	99
74) Di-n-butylphthalate	18.268	149	242165	10.439	ng	99
75) Fluoranthene	19.304	202	273091	10.559	ng	99
77) Benzidine	19.498	184	113232	19.906	ng	98
78) Pyrene	19.656	202	274016	14.270	ng	99
80) Butylbenzylphthalate	20.551	149	76780	10.707	ng	95
81) Benzo(a)anthracene	21.368	228	223830	11.686	ng	98
82) 3,3'-Dichlorobenzidine	21.309	252	75000	10.746	ng	97
83) Chrysene	21.421	228	201752	11.095	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	95167	8.715	ng	98
85) Di-n-octyl phthalate	22.262	149	145514	7.574	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	251343	11.846	ng	100
88) Benzo(b)fluoranthene	23.062	252	187790	10.749	ng	98
89) Benzo(k)fluoranthene	23.115	252	185807	11.134	ng	99
90) Benzo(a)pyrene	23.692	252	171600	11.039	ng	99
91) Dibenzo(a,h)anthracene	26.350	278	209973	12.032	ng	97
92) Benzo(g,h,i)perylene	27.086	276	205460	11.605	ng	99

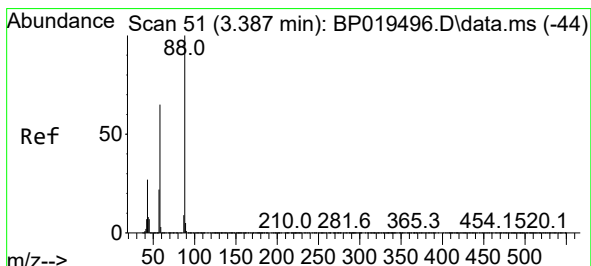
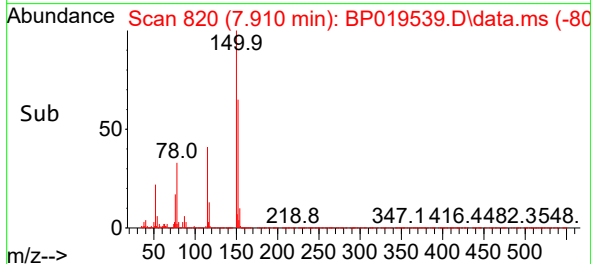
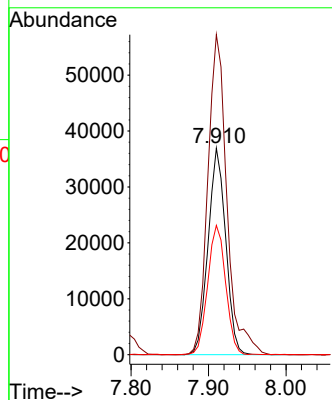
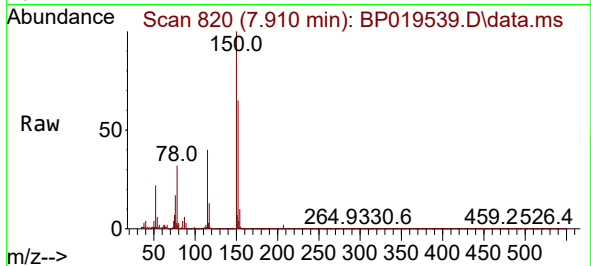
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019539.D
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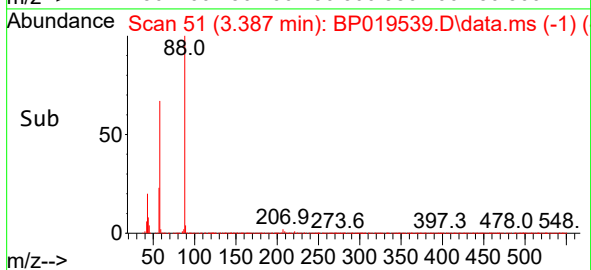
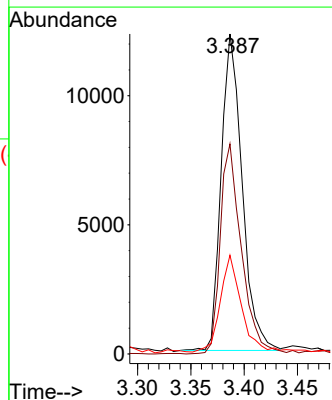
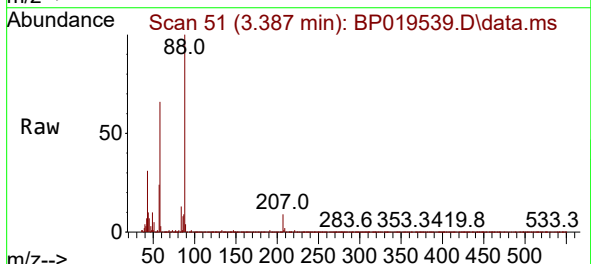
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

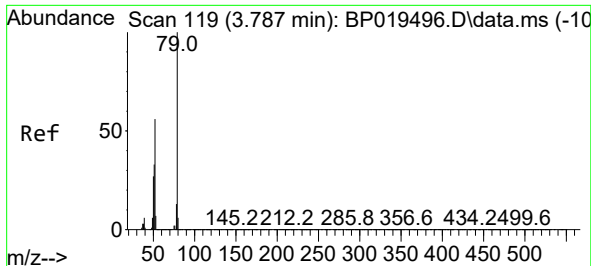
Tgt Ion:152 Resp: 58179
Ion Ratio Lower Upper
152 100
150 154.9 121.8 182.8
115 62.6 49.9 74.9



#2
1,4-Dioxane
Concen: 12.061 ng
RT: 3.387 min Scan# 51
Delta R.T. -0.000 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 88 Resp: 16772
Ion Ratio Lower Upper
88 100
58 66.7 52.6 78.8
43 32.4 21.9 32.9





#3

Pyridine

Concen: 11.864 ng

RT: 3.787 min Scan# 119

Delta R.T. -0.000 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

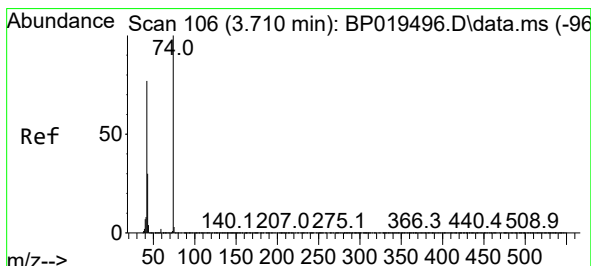
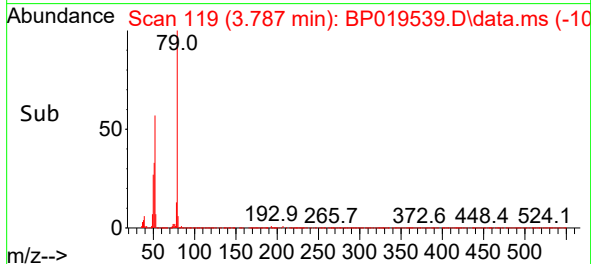
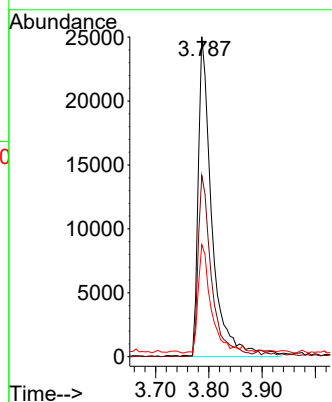
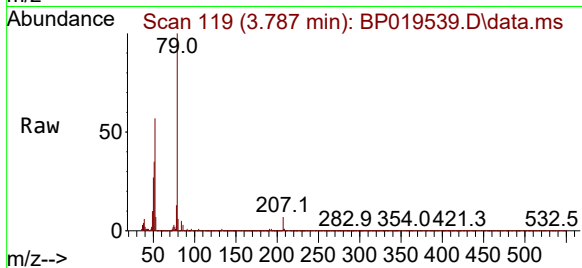
Tgt Ion: 79 Resp: 44729

Ion Ratio Lower Upper

79 100

52 56.7 45.0 67.6

51 35.0 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 12.092 ng

RT: 3.710 min Scan# 106

Delta R.T. -0.000 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

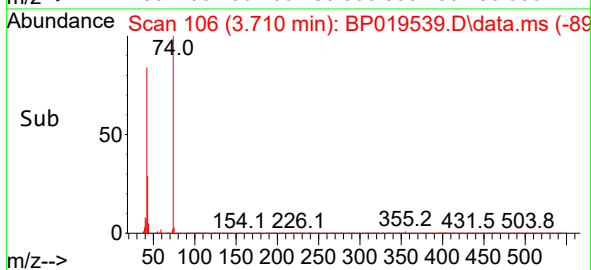
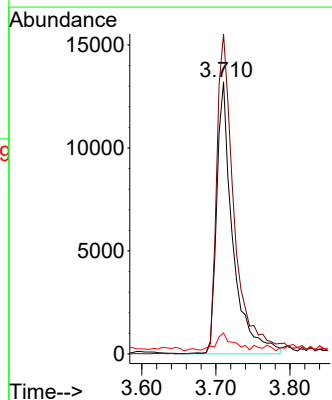
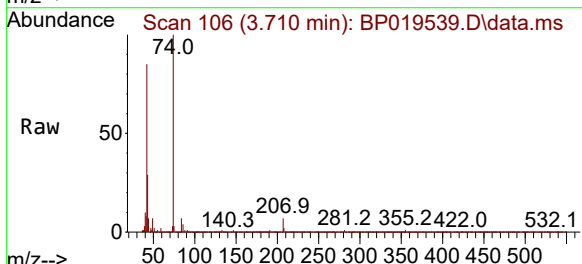
Tgt Ion: 42 Resp: 19847

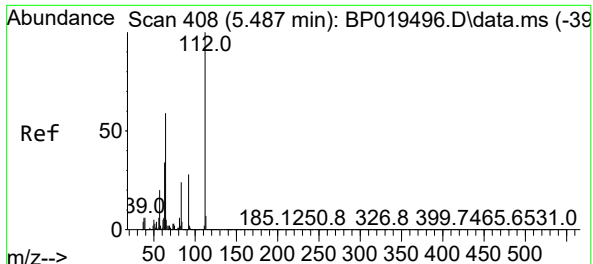
Ion Ratio Lower Upper

42 100

74 117.6 103.4 155.2

44 7.7 4.8 7.2#

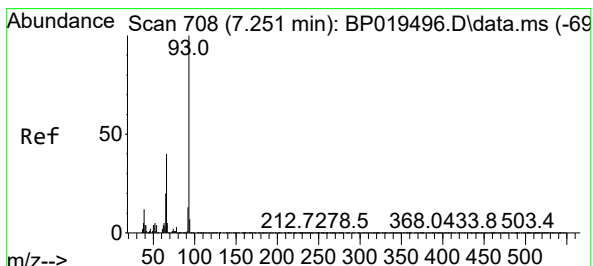
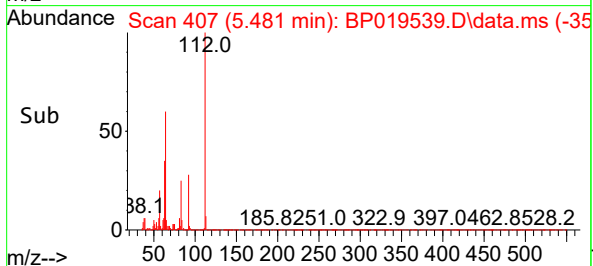
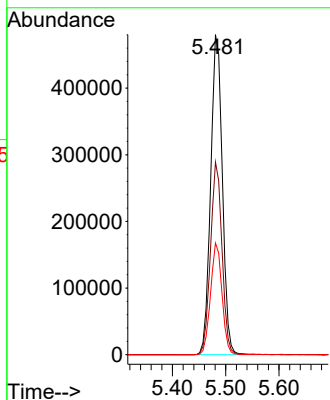
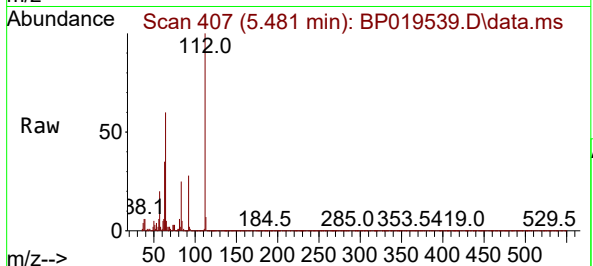




#5
2-Fluorophenol
Concen: 202.791 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

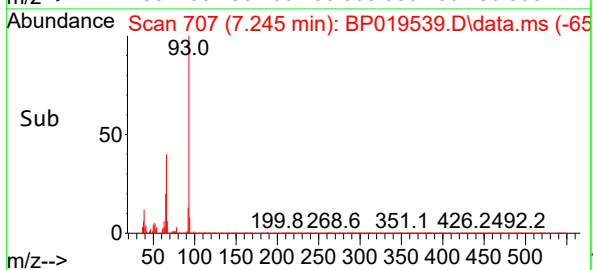
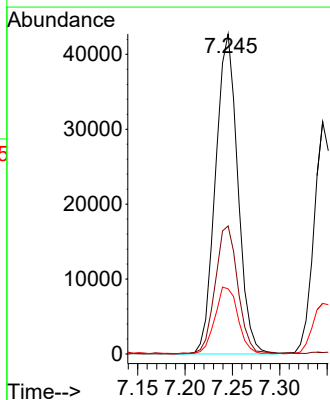
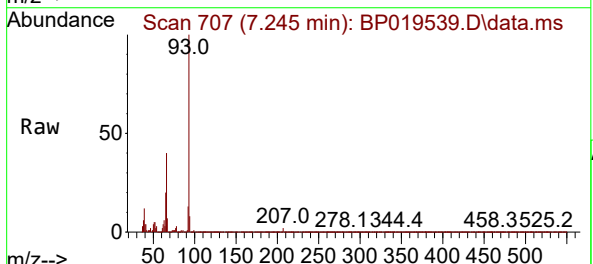
Instrument :
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ClientSampleId :
MDL-WATER-03-QT3-2023

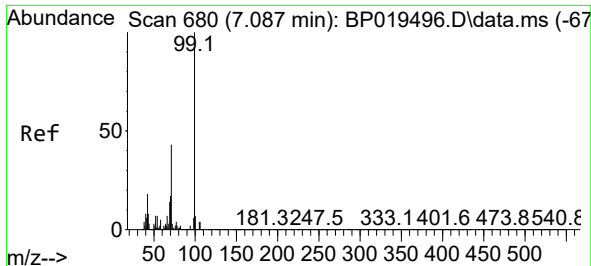
Tgt Ion:112 Resp: 731934
Ion Ratio Lower Upper
112 100
64 60.2 47.4 71.0
63 34.9 27.0 40.6



#6
Aniline
Concen: 14.780 ng
RT: 7.245 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 93 Resp: 69891
Ion Ratio Lower Upper
93 100
66 40.0 32.3 48.5
65 20.4 16.4 24.6

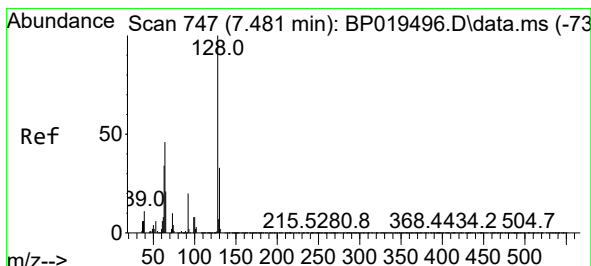
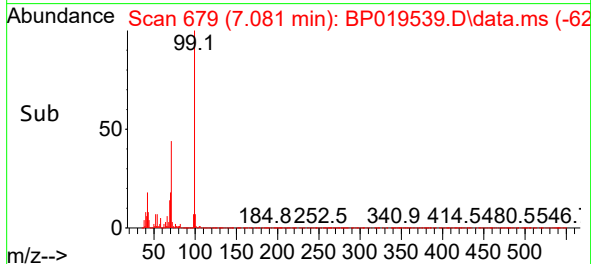
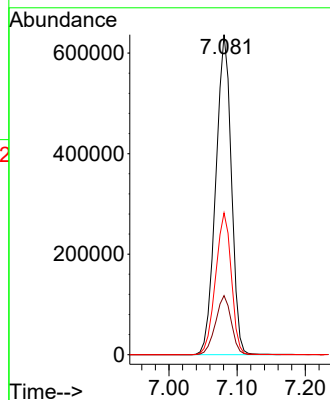
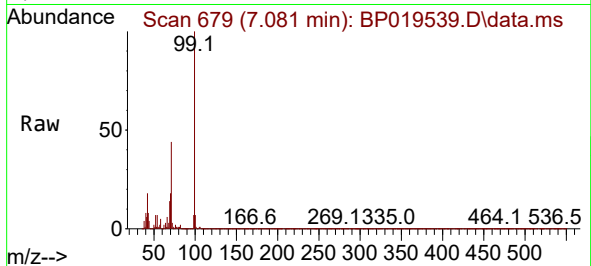




#7
Phenol-d6
Concen: 208.657 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

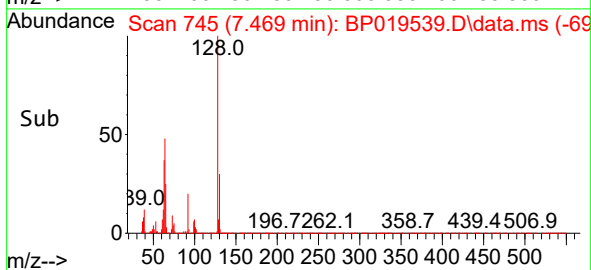
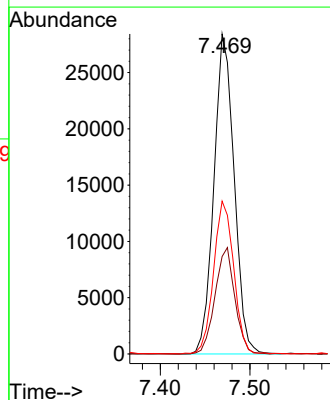
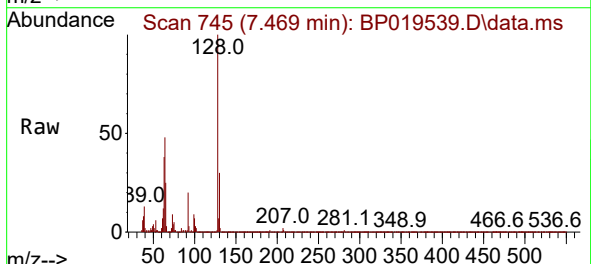
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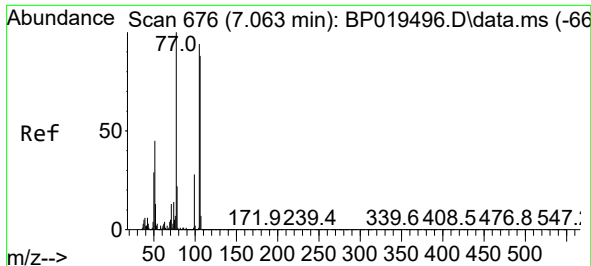
Tgt Ion: 99 Resp: 1015461
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 44.3 34.8 52.2



#8
2-Chlorophenol
Concen: 12.005 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:128 Resp: 44485
Ion Ratio Lower Upper
128 100
130 30.4 13.3 53.3
64 47.8 29.7 69.7

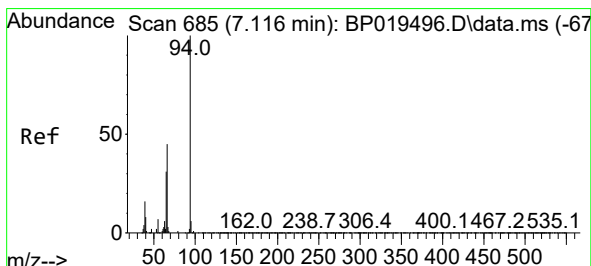
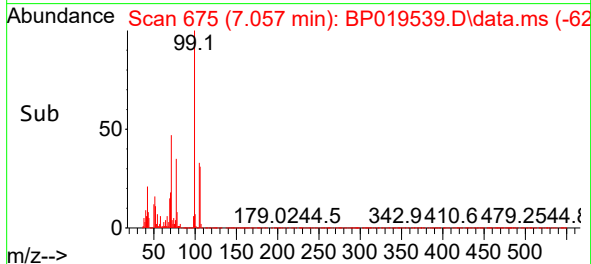
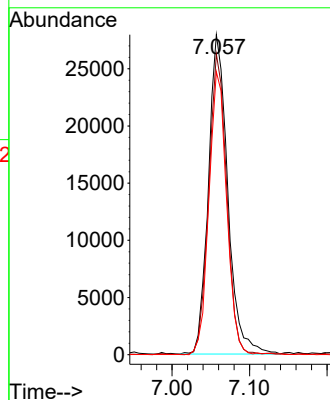
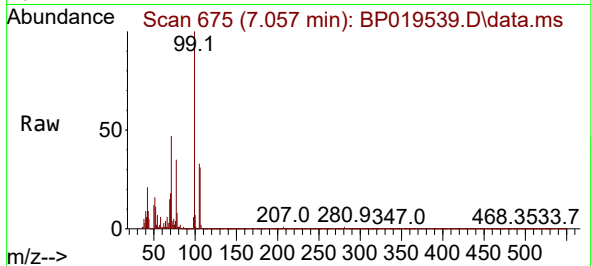




#9
Benzaldehyde
Concen: 14.218 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

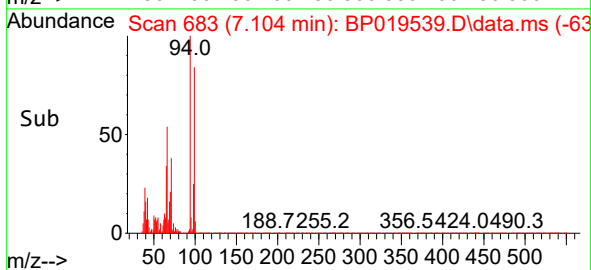
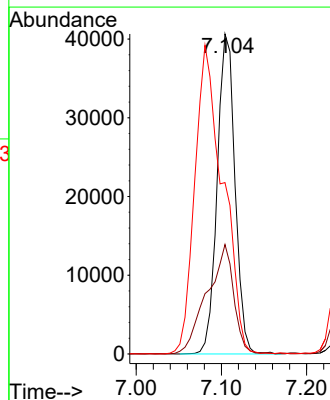
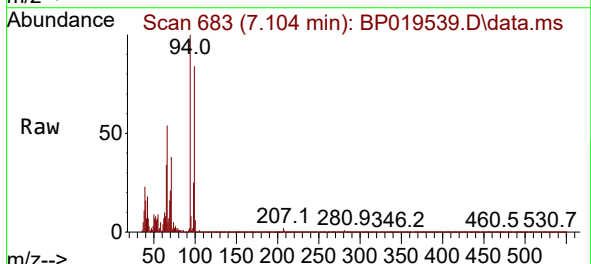
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ClientSampleId :
MDL-WATER-03-QT3-2023

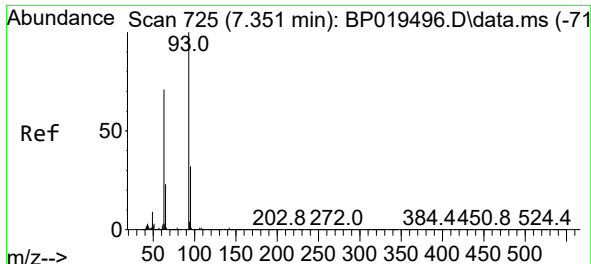
Tgt Ion: 77 Resp: 48514
Ion Ratio Lower Upper
77 100
105 93.9 74.0 114.0
106 88.4 67.8 107.8



#10
Phenol
Concen: 12.212 ng
RT: 7.104 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 94 Resp: 59233
Ion Ratio Lower Upper
94 100
65 34.2 11.3 51.3
66 53.6 25.1 65.1

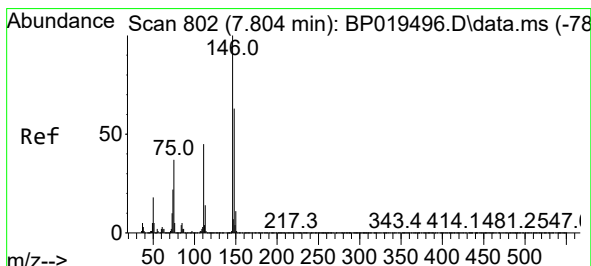
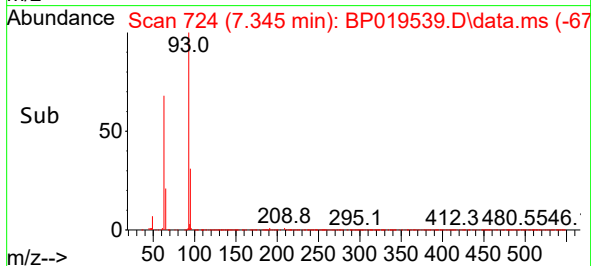
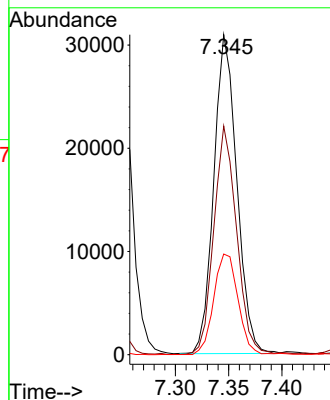
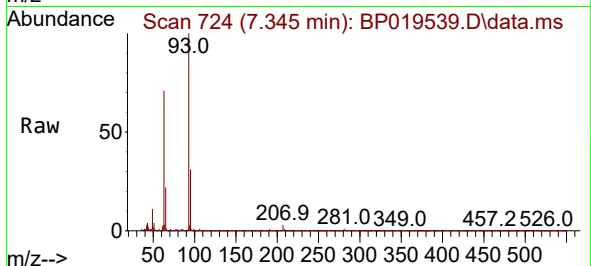




#11
bis(2-Chloroethyl)ether
Concen: 12.306 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

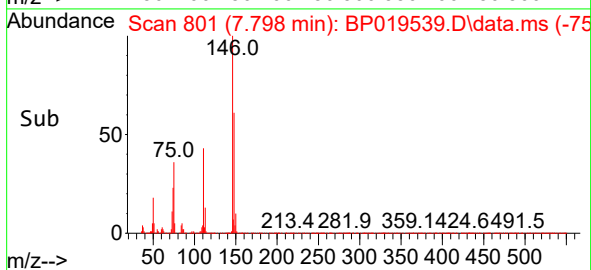
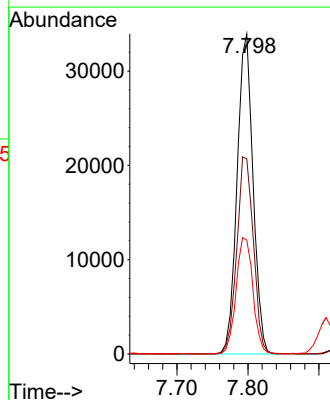
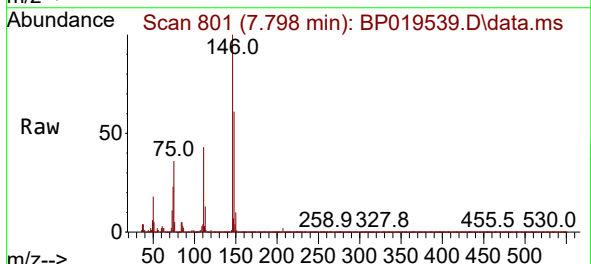
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

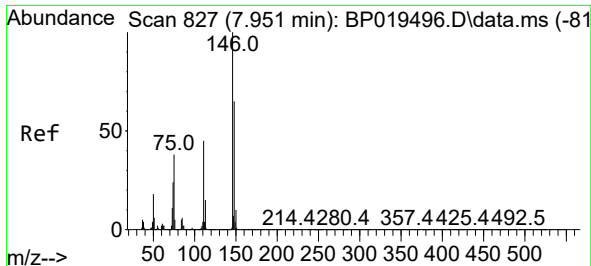
Tgt Ion: 93 Resp: 46440
Ion Ratio Lower Upper
93 100
63 71.5 51.2 91.2
95 31.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 11.683 ng
RT: 7.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:146 Resp: 52975
Ion Ratio Lower Upper
146 100
148 61.0 50.4 75.6
75 35.6 29.9 44.9

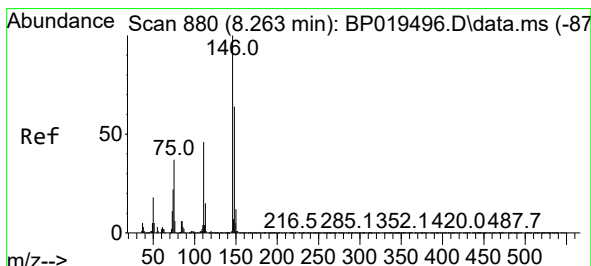
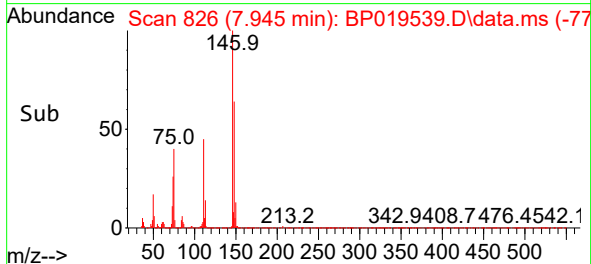
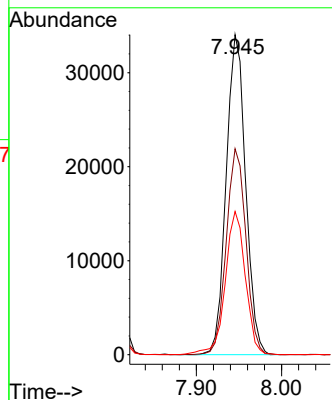
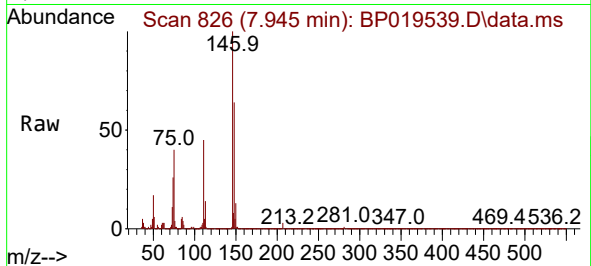




#13
1,4-Dichlorobenzene
Concen: 11.734 ng
RT: 7.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

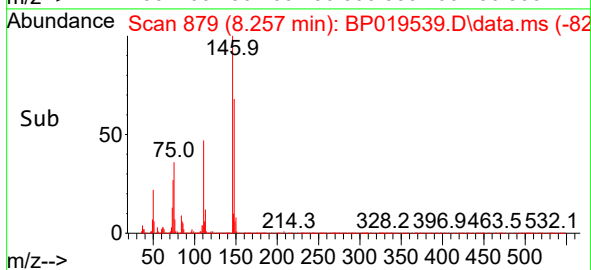
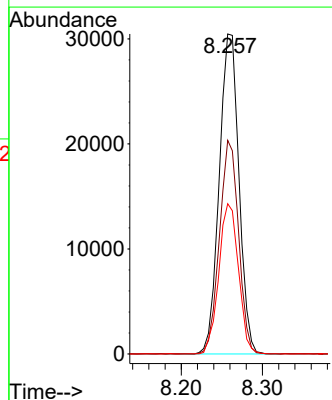
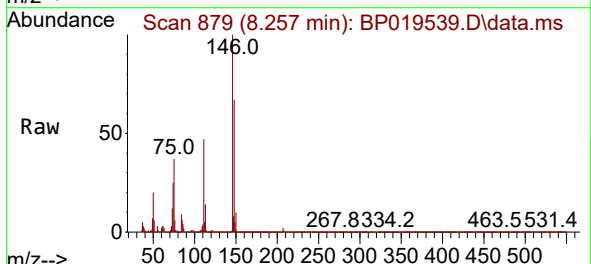
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

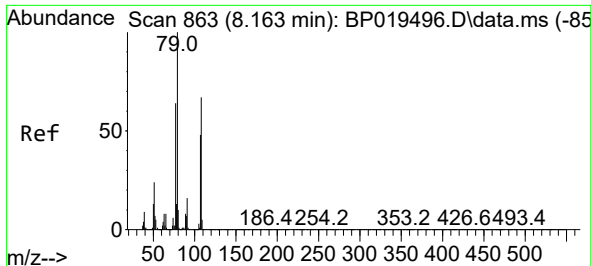
Tgt Ion:146 Resp: 53905
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
111 44.8 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 11.583 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:146 Resp: 51482
Ion Ratio Lower Upper
146 100
148 66.8 51.4 77.0
111 46.9 37.0 55.6

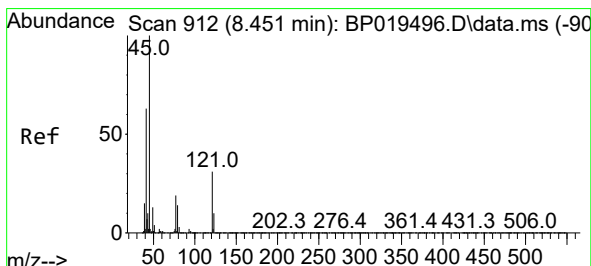
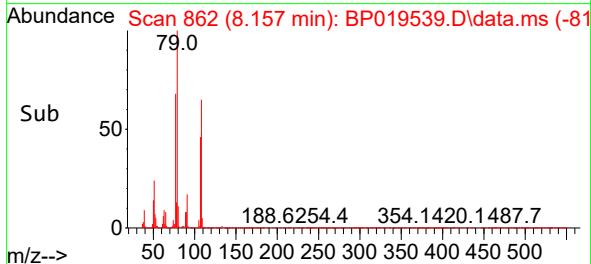
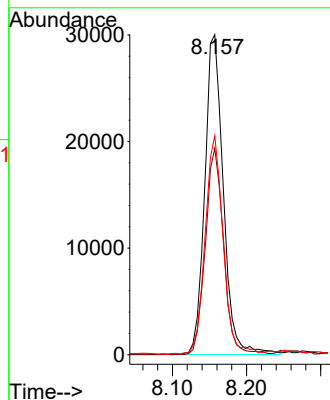
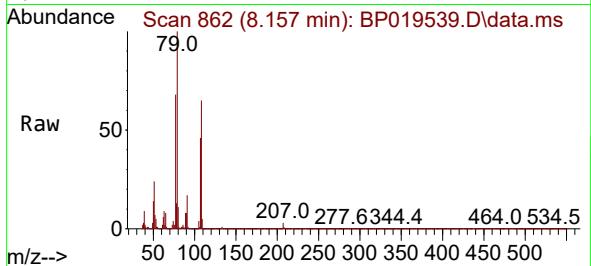




#15
Benzyl Alcohol
Concen: 13.403 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

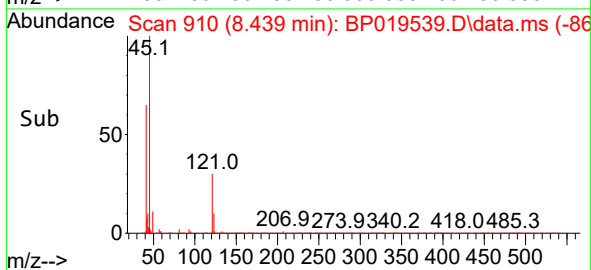
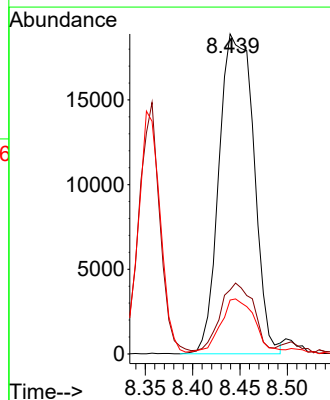
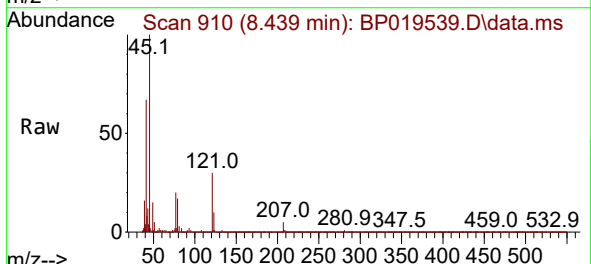
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

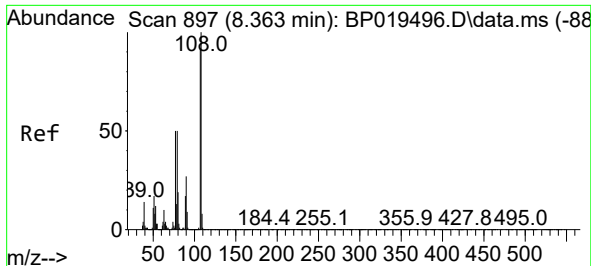
Tgt Ion: 79 Resp: 52119
Ion Ratio Lower Upper
79 100
108 64.5 53.8 80.6
77 68.4 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.726 ng
RT: 8.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 45 Resp: 48023
Ion Ratio Lower Upper
45 100
77 20.0 0.8 40.8
79 16.9 0.0 35.5

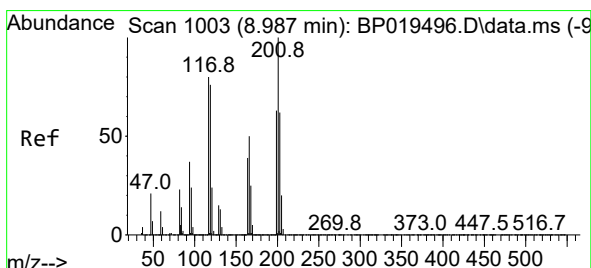
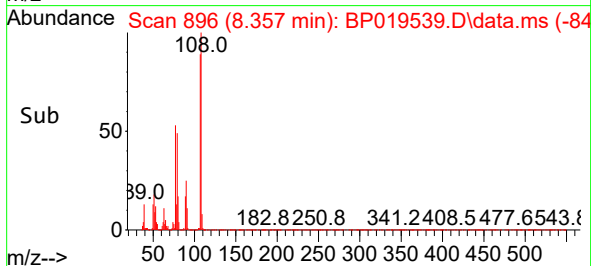
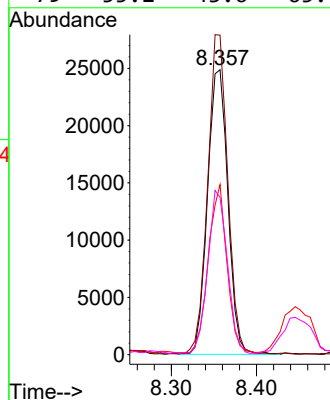
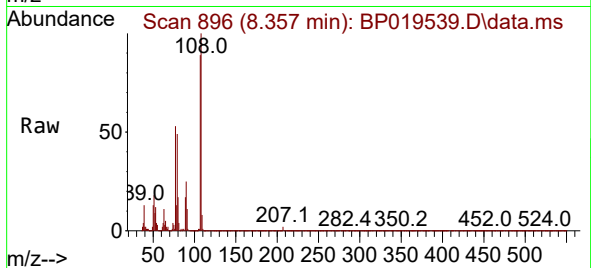




#17
2-Methylphenol
Concen: 12.644 ng
RT: 8.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

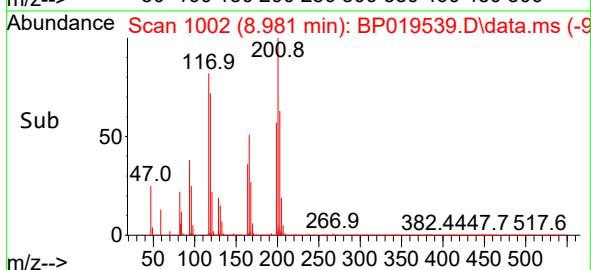
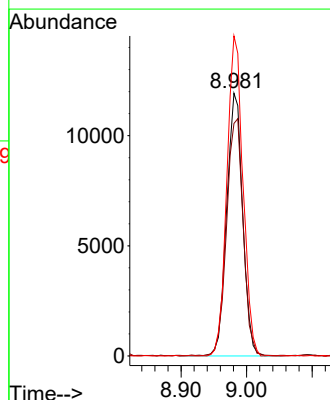
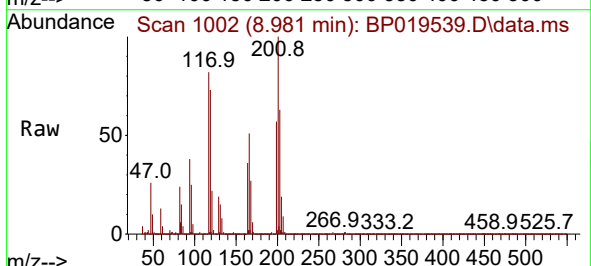
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

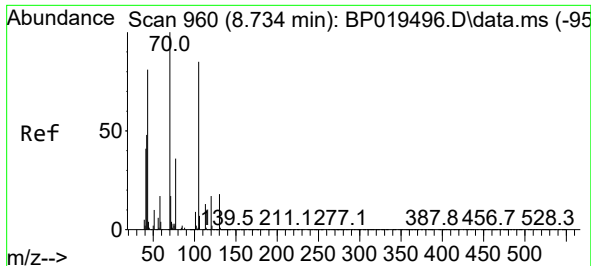
Tgt Ion:	107	Resp:	41291
Ion	Ratio	Lower	Upper
107	100		
108	112.1	87.0	130.6
77	59.7	43.5	65.3
79	55.2	43.6	65.4



#18
Hexachloroethane
Concen: 11.346 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:	117	Resp:	20203
Ion	Ratio	Lower	Upper
117	100		
119	88.5	75.5	113.3
201	126.3	99.4	149.2





#19

n-Nitroso-di-n-propylamine

Concen: 13.520 ng

RT: 8.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP019539.D

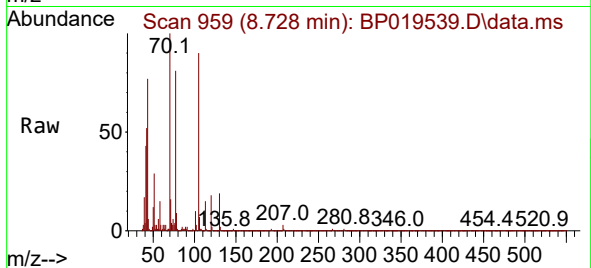
Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023



Tgt Ion: 70 Resp: 44941

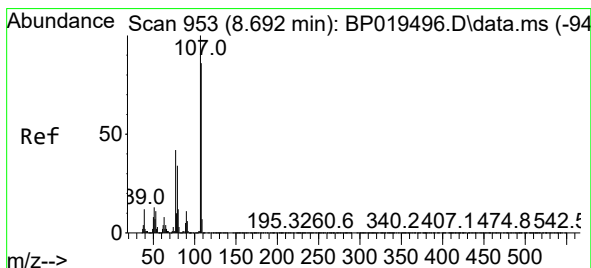
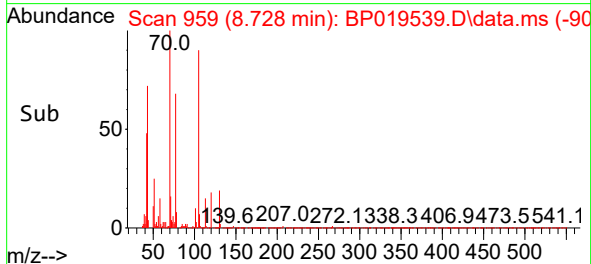
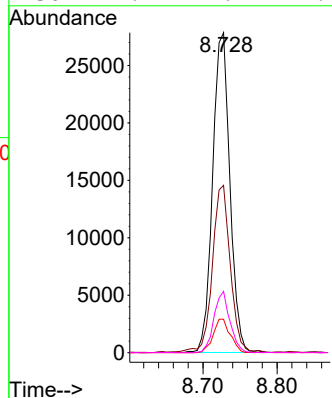
Ion Ratio Lower Upper

70 100

42 52.3 39.2 58.8

101 10.5 7.3 10.9

130 19.2 14.7 22.1



#20

3+4-Methylphenols

Concen: 12.555 ng

RT: 8.681 min Scan# 951

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Tgt Ion: 107 Resp: 55954

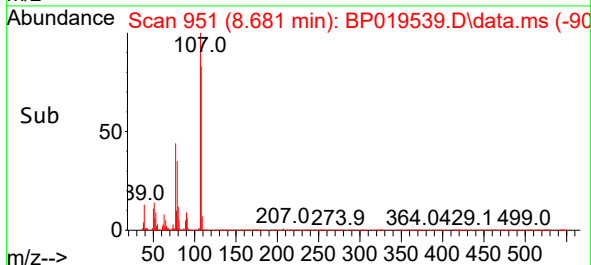
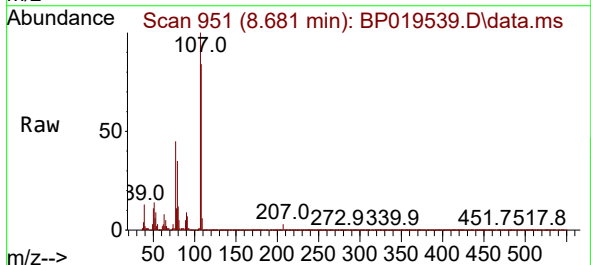
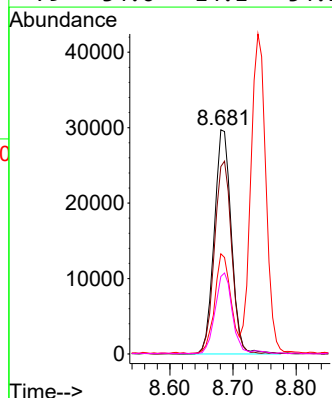
Ion Ratio Lower Upper

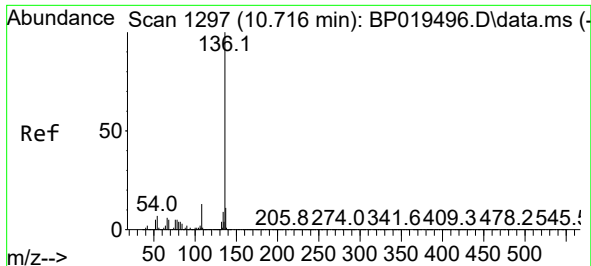
107 100

108 83.6 65.5 105.5

77 44.7 21.8 61.8

79 34.6 14.1 54.1

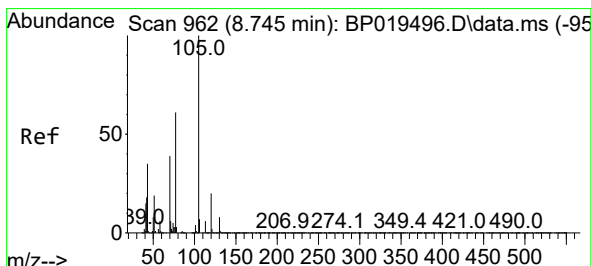
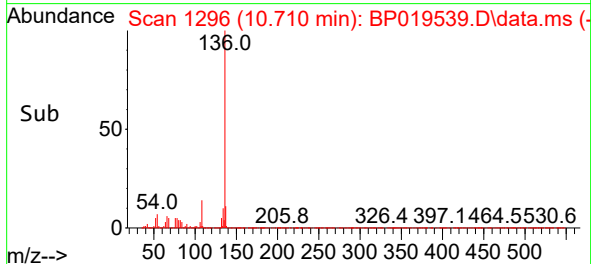
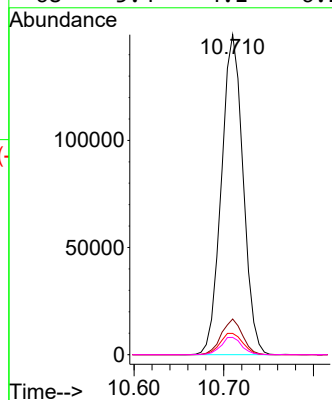
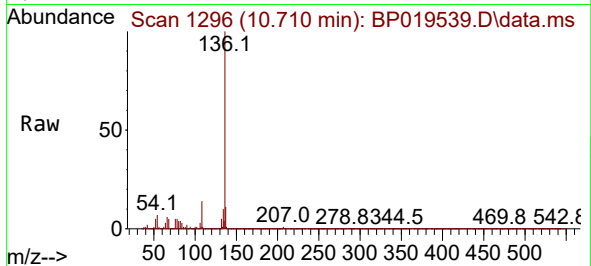




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

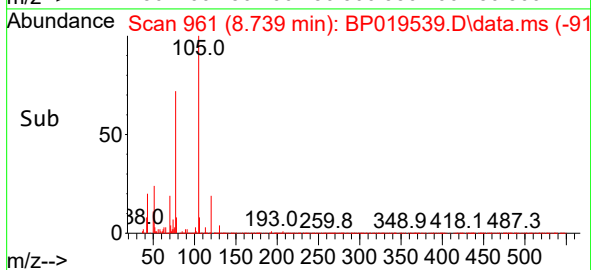
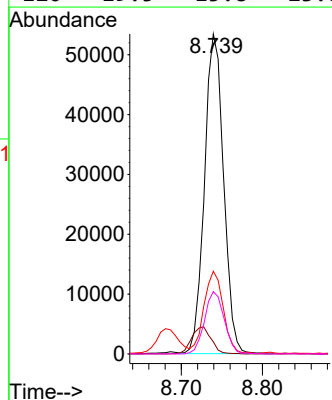
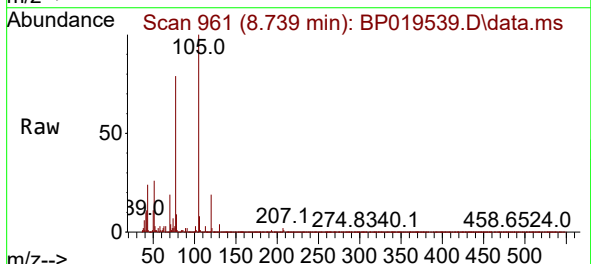
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

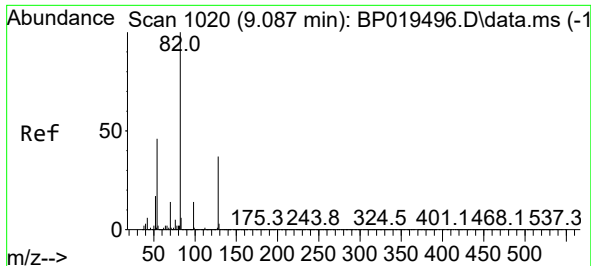
Tgt Ion:136 Resp: 250422
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.7 5.3 7.9
68 5.4 4.1 6.1



#22
Acetophenone
Concen: 12.247 ng
RT: 8.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:105 Resp: 87370
Ion Ratio Lower Upper
105 100
71 3.8 4.9 7.3#
51 25.8 20.7 31.1
120 19.5 15.8 23.8





#23

Nitrobenzene-d5

Concen: 116.702 ng

RT: 9.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

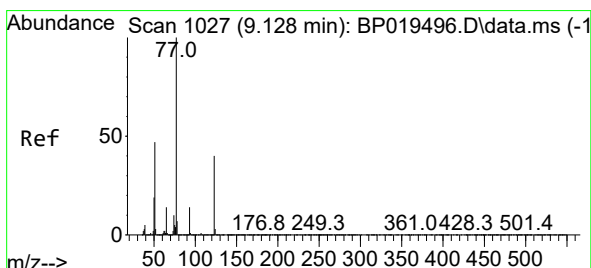
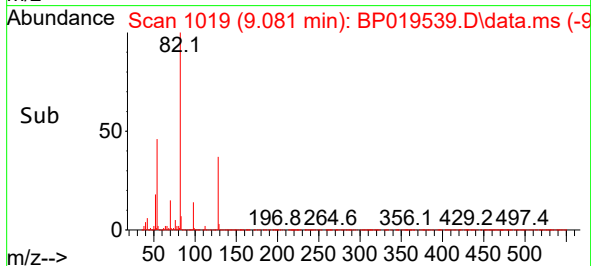
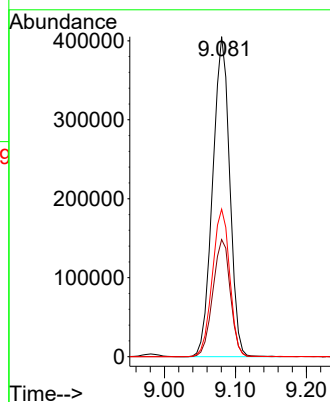
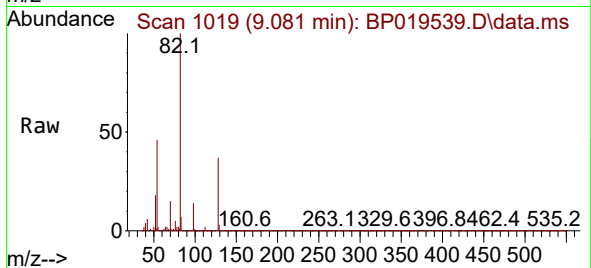
Tgt Ion: 82 Resp: 674446

Ion Ratio Lower Upper

82 100

128 36.6 29.7 44.5

54 46.1 36.8 55.2



#24

Nitrobenzene

Concen: 11.627 ng

RT: 9.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

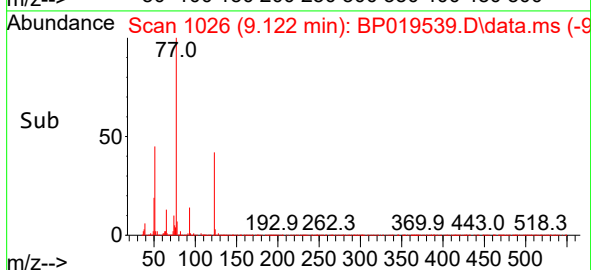
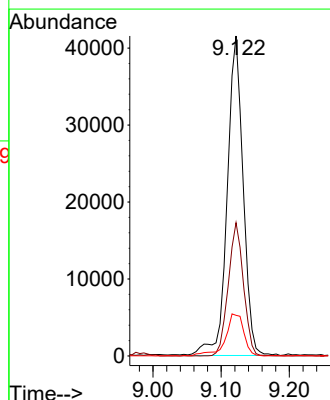
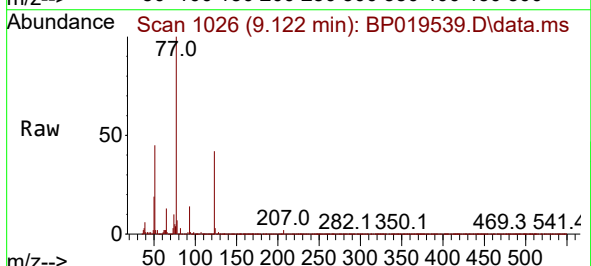
Tgt Ion: 77 Resp: 67655

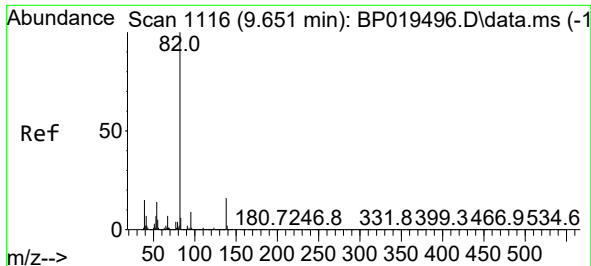
Ion Ratio Lower Upper

77 100

123 41.7 32.3 48.5

65 12.7 11.6 17.4

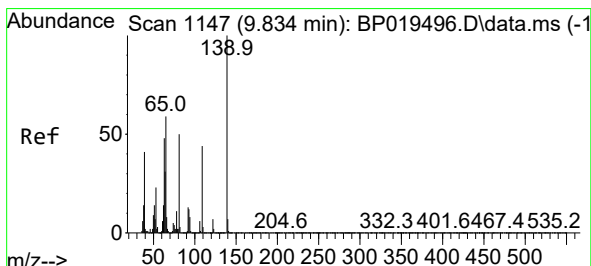
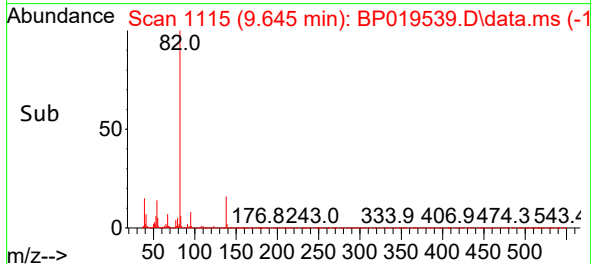
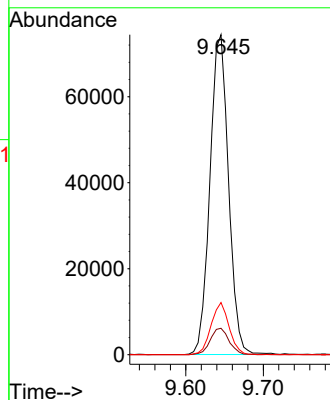
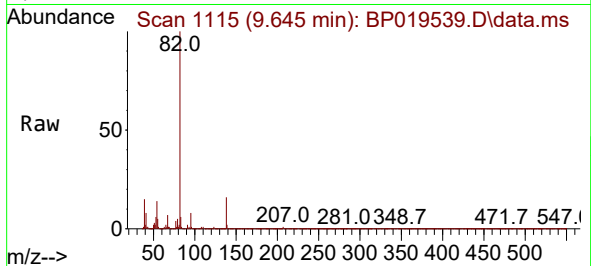




#25
Isophorone
Concen: 12.340 ng
RT: 9.645 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

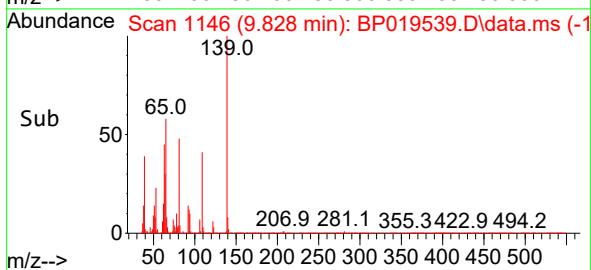
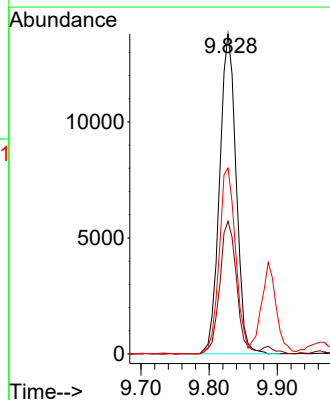
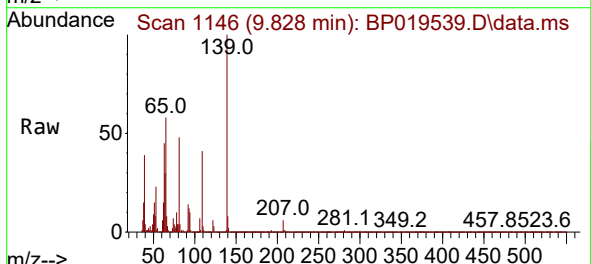
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

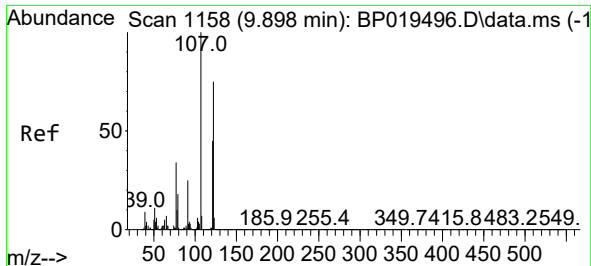
Tgt Ion: 82 Resp: 124197
Ion Ratio Lower Upper
82 100
95 8.2 7.0 10.4
138 16.3 13.1 19.7



#26
2-Nitrophenol
Concen: 10.491 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 139 Resp: 23276
Ion Ratio Lower Upper
139 100
109 41.4 34.9 52.3
65 58.1 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 13.712 ng

RT: 9.886 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

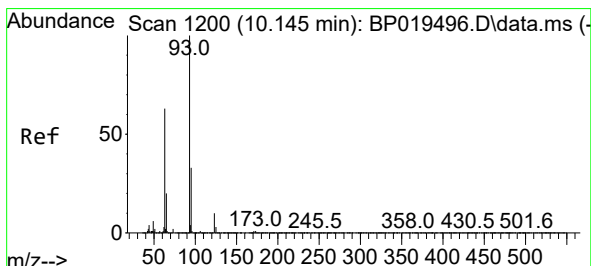
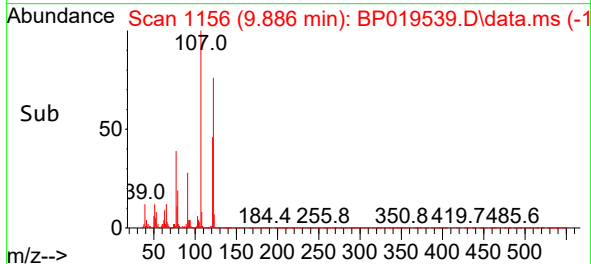
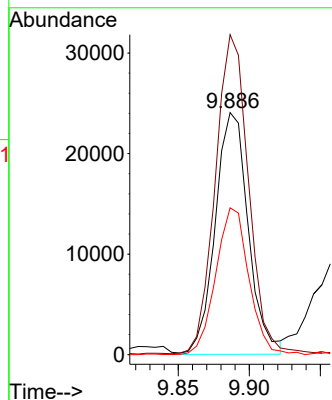
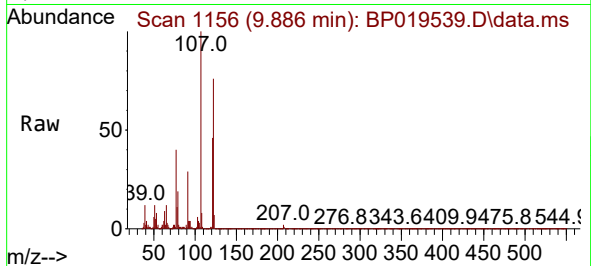
Tgt Ion:122 Resp: 38900

Ion Ratio Lower Upper

122 100

107 132.2 105.9 158.9

121 60.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 11.682 ng

RT: 10.133 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

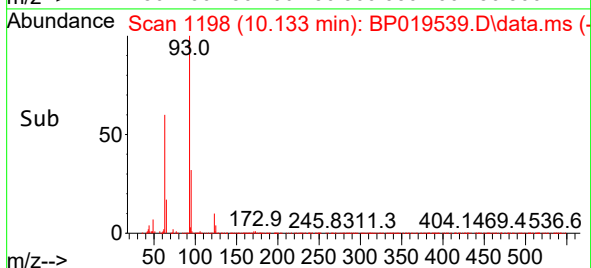
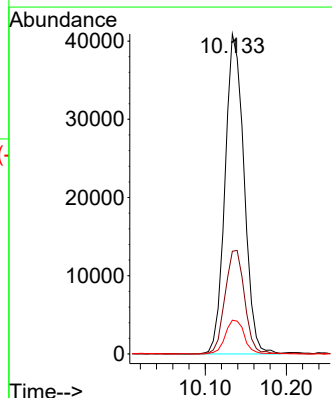
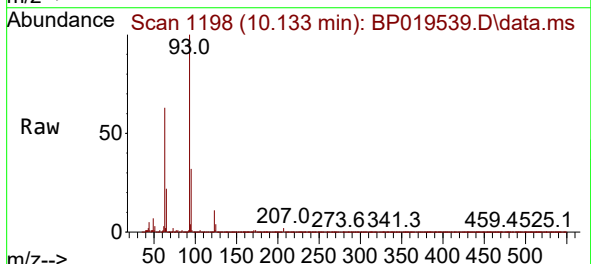
Tgt Ion: 93 Resp: 66523

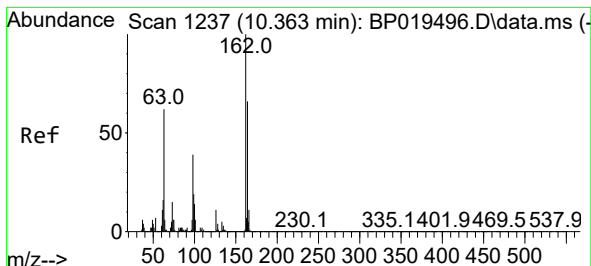
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

123 10.5 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 11.548 ng

RT: 10.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

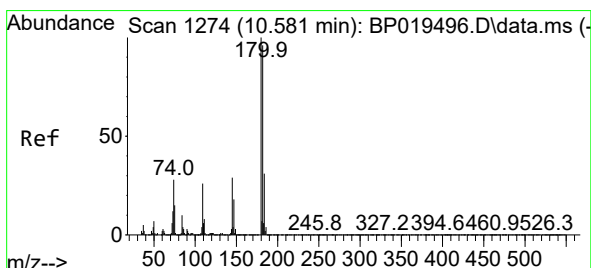
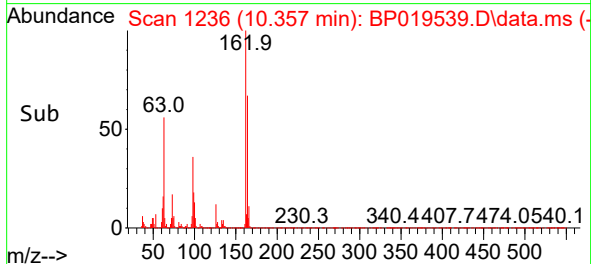
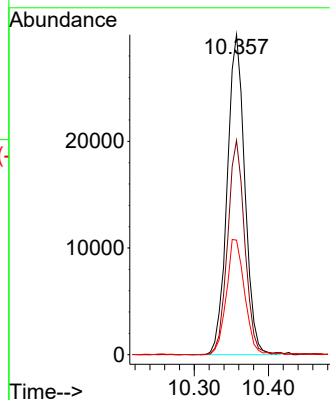
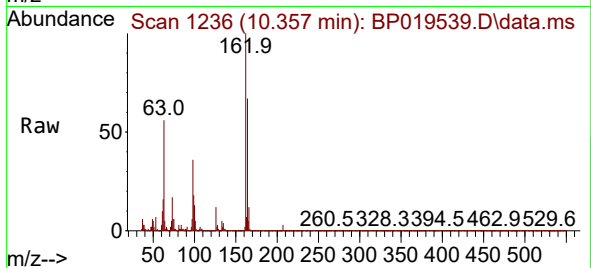
Tgt Ion:162 Resp: 49524

Ion Ratio Lower Upper

162 100

164 66.9 46.0 86.0

98 35.8 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 11.022 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

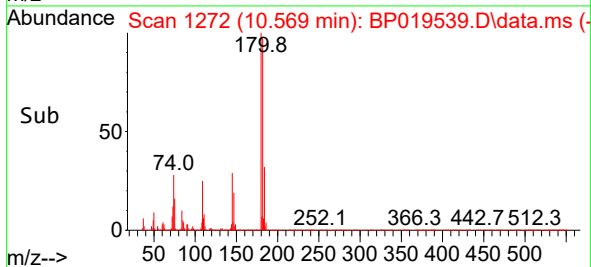
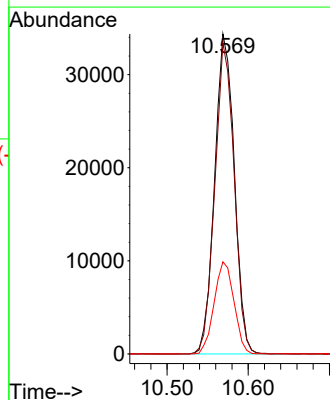
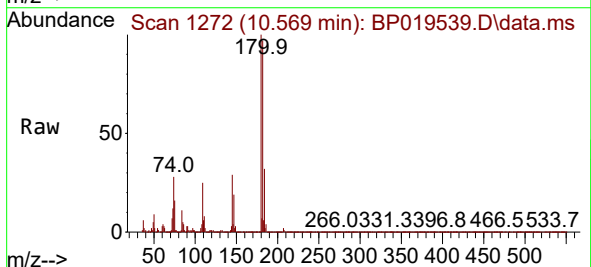
Tgt Ion:180 Resp: 57959

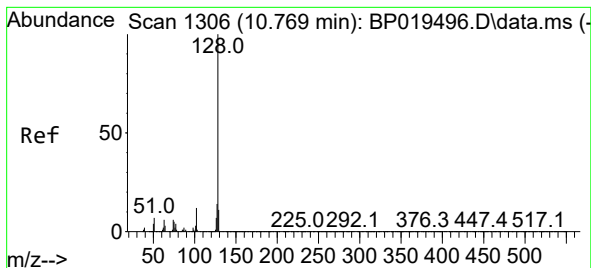
Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.6

145 28.8 23.2 34.8





#31

Naphthalene

Concen: 11.375 ng

RT: 10.757 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

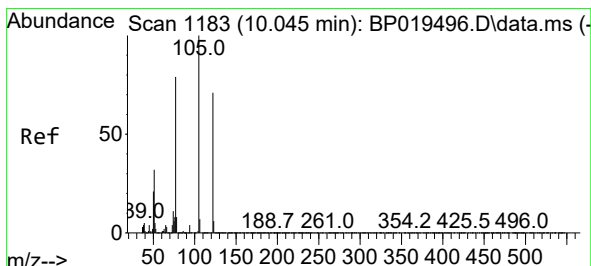
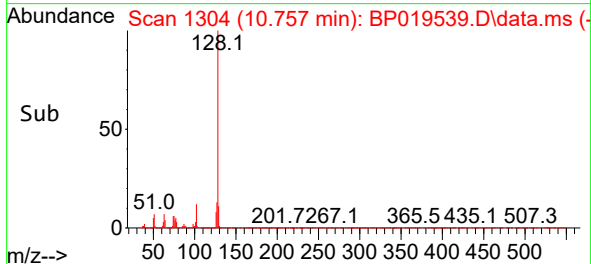
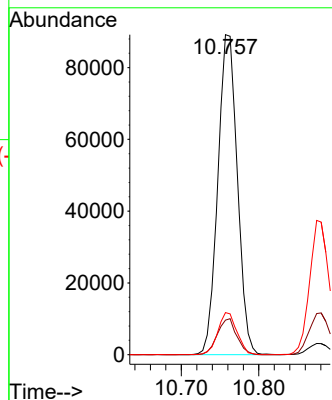
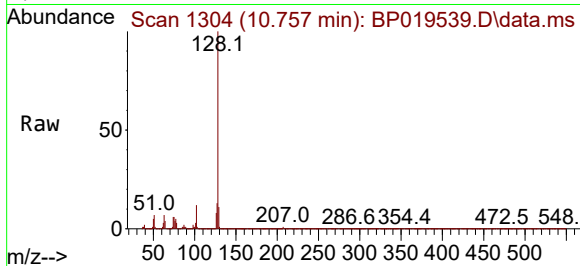
Tgt Ion:128 Resp: 156231

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 9.183 ng

RT: 9.969 min Scan# 1170

Delta R.T. -0.077 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

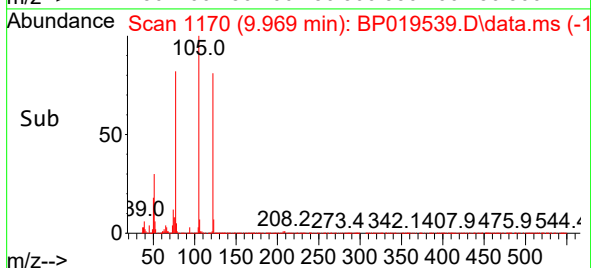
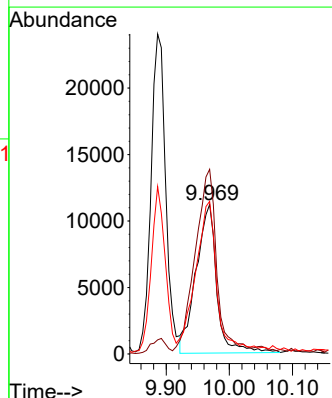
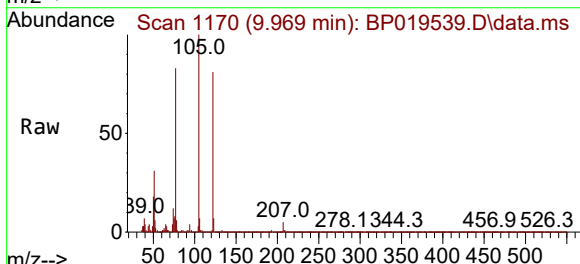
Tgt Ion:122 Resp: 25382

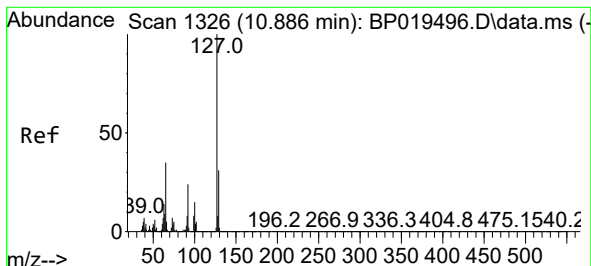
Ion Ratio Lower Upper

122 100

105 123.6 118.8 158.8

77 102.2 91.7 131.7





#33

4-Chloroaniline

Concen: 13.006 ng

RT: 10.875 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:127 Resp: 66063

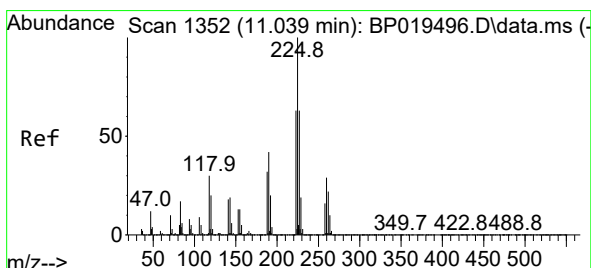
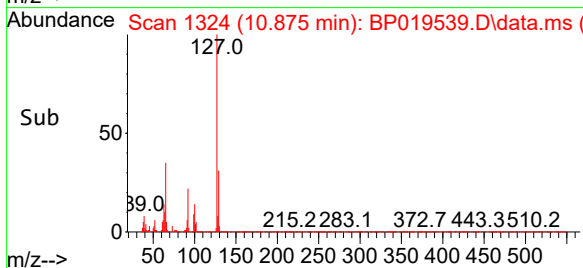
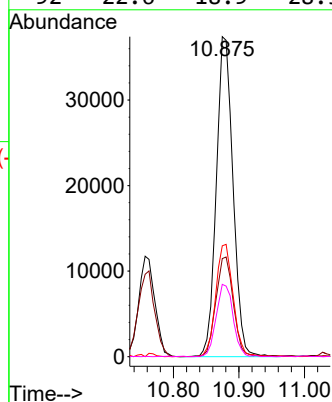
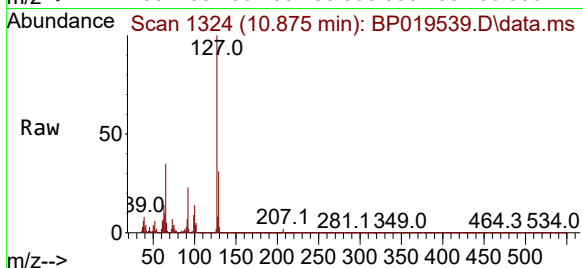
Ion Ratio Lower Upper

127 100

129 30.7 24.6 36.8

65 34.6 28.2 42.4

92 22.6 18.9 28.3



#34

Hexachlorobutadiene

Concen: 10.508 ng

RT: 11.033 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

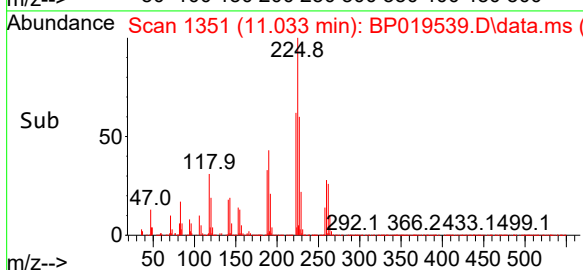
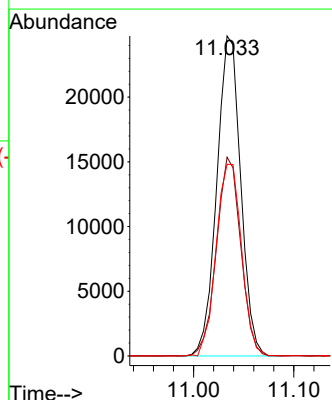
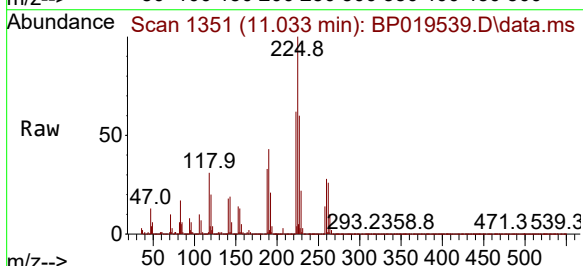
Tgt Ion:225 Resp: 40944

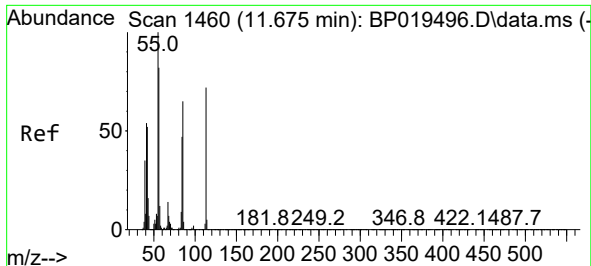
Ion Ratio Lower Upper

225 100

223 62.1 50.5 75.7

227 59.9 50.2 75.2

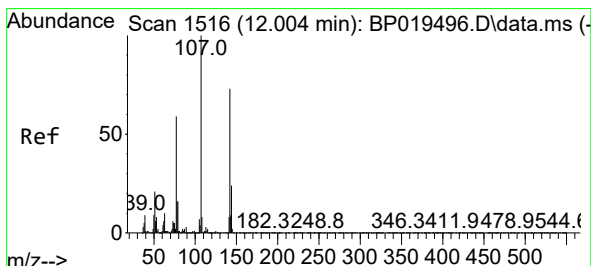
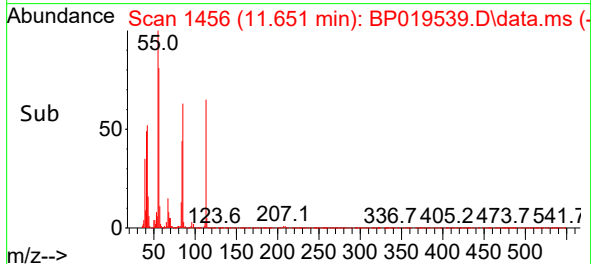
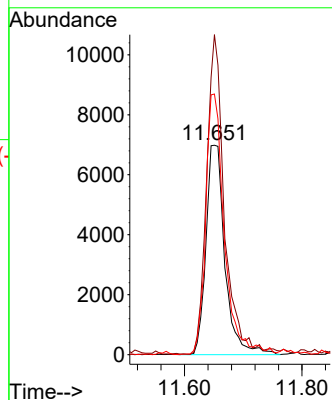
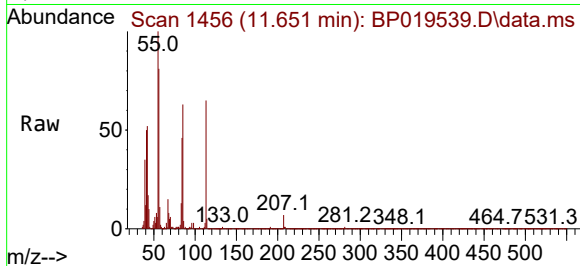




#35
Caprolactam
Concen: 12.882 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.024 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

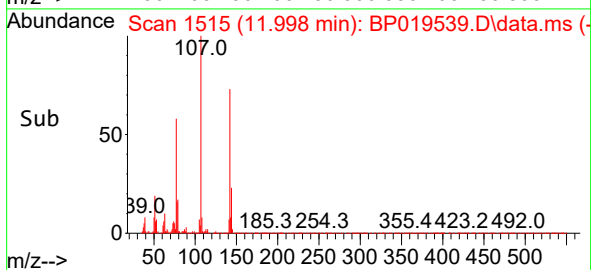
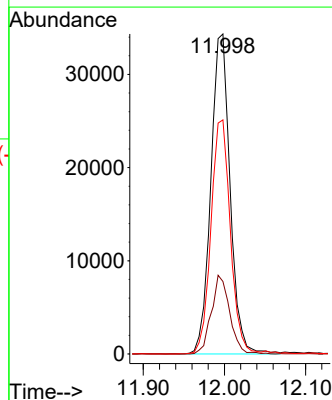
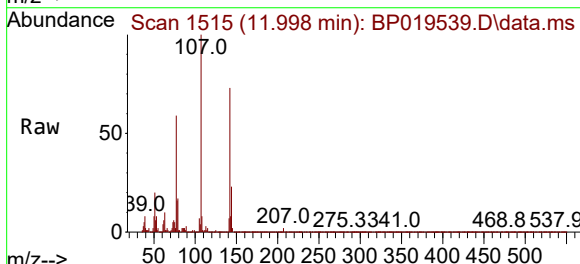
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

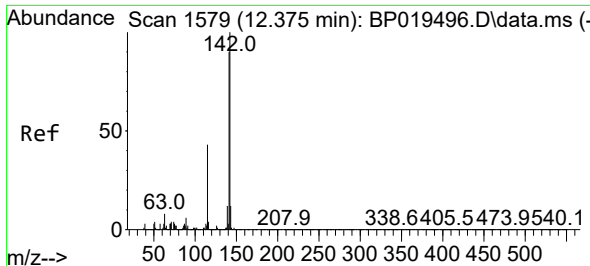
Tgt Ion:113 Resp: 15639
Ion Ratio Lower Upper
113 100
55 152.8 120.0 160.0
56 124.5 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 12.092 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:107 Resp: 56545
Ion Ratio Lower Upper
107 100
144 22.7 19.0 28.4
142 73.2 58.6 88.0

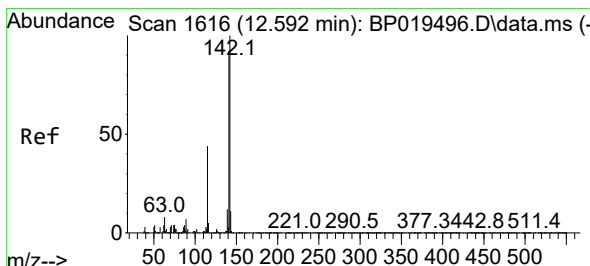
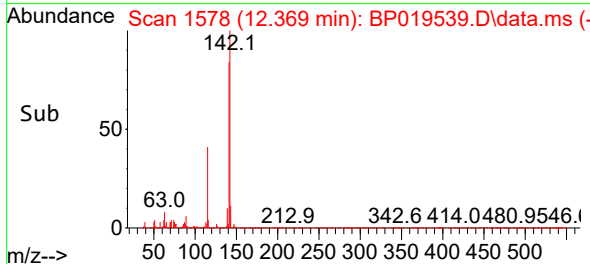
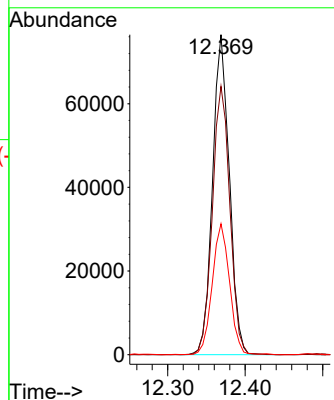
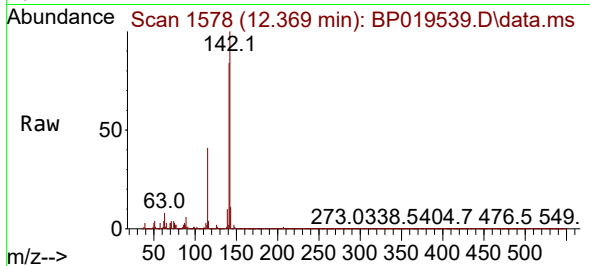




#37
2-Methylnaphthalene
Concen: 12.100 ng
RT: 12.369 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

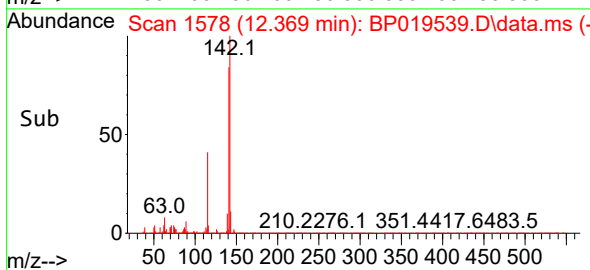
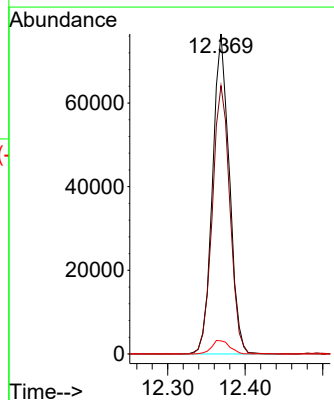
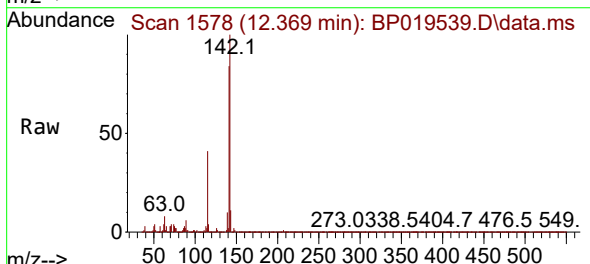
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

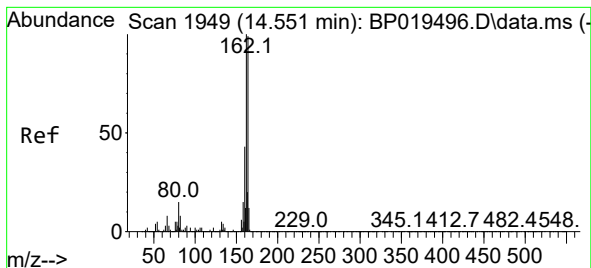
Tgt Ion:142 Resp: 115013
Ion Ratio Lower Upper
142 100
141 83.8 72.2 108.4
115 40.9 34.2 51.2



#38
1-Methylnaphthalene
Concen: 12.313 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.224 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:142 Resp: 115013
Ion Ratio Lower Upper
142 100
141 83.8 74.0 111.0
116 4.1 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

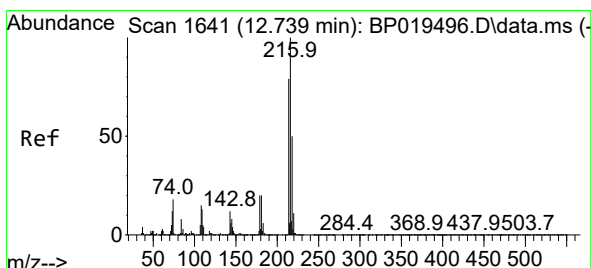
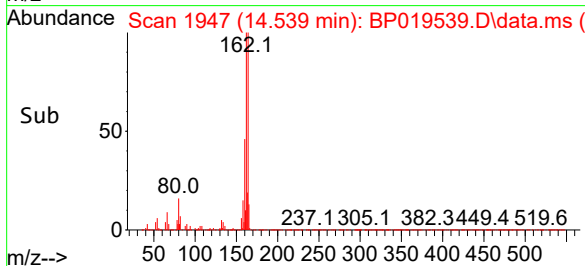
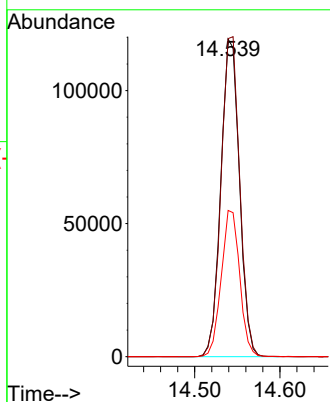
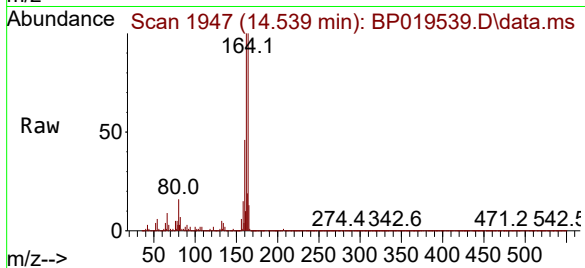
Tgt Ion:164 Resp: 181341

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

160 46.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.999 ng

RT: 12.727 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Tgt Ion:216 Resp: 76922

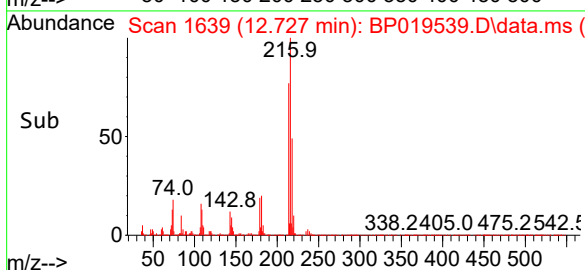
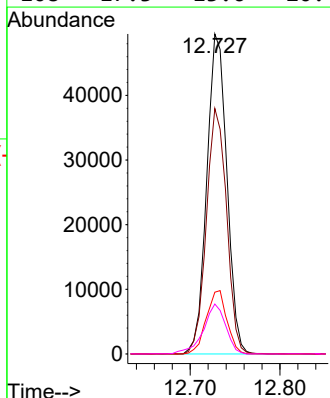
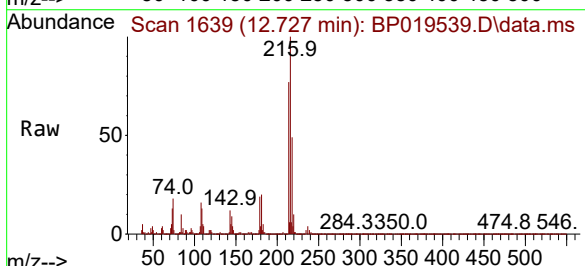
Ion Ratio Lower Upper

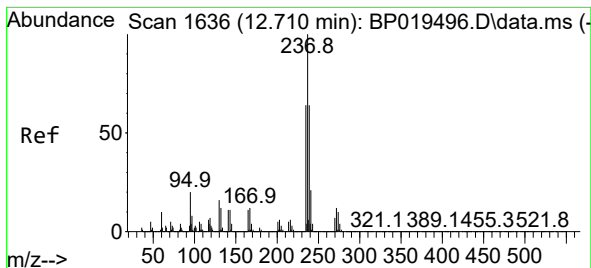
216 100

214 77.2 62.8 94.2

179 20.3 16.6 24.8

108 17.3 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 13.142 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

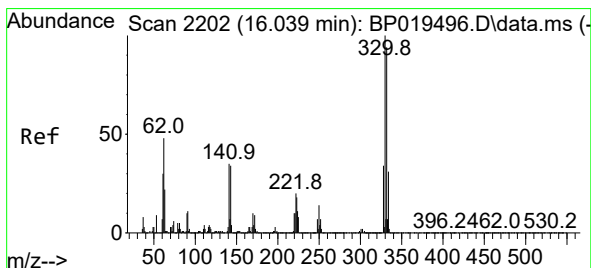
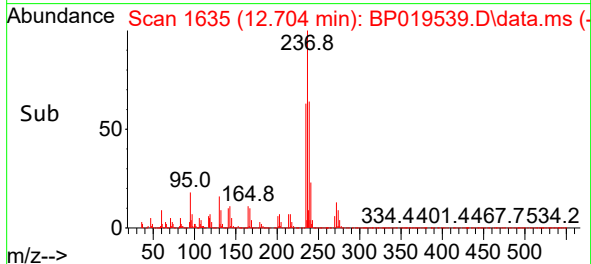
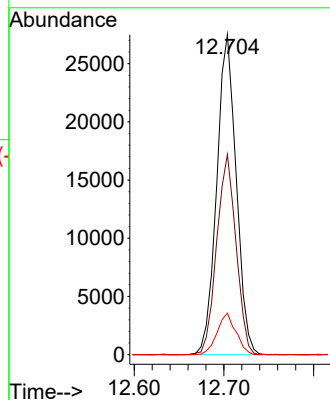
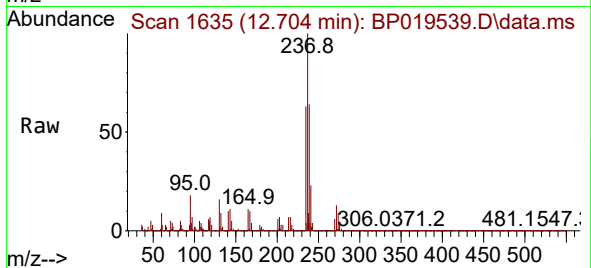
Tgt Ion:237 Resp: 41522

Ion Ratio Lower Upper

237 100

235 62.5 43.7 83.7

272 13.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 230.419 ng

RT: 16.039 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

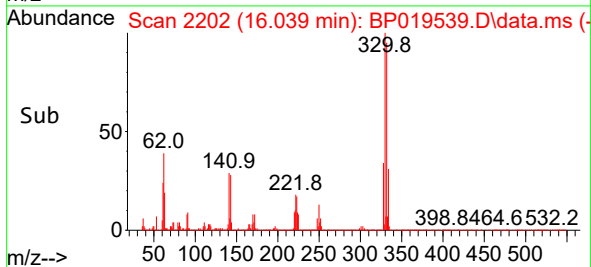
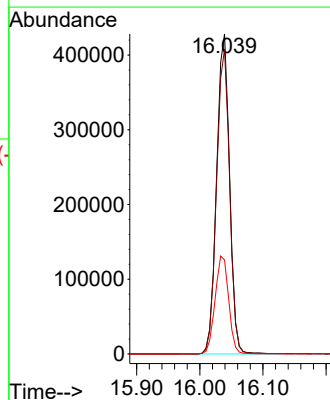
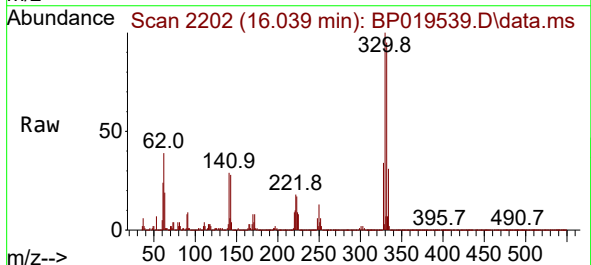
Tgt Ion:330 Resp: 610082

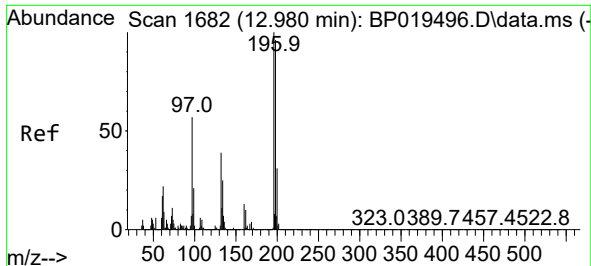
Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

141 32.2 27.0 40.4

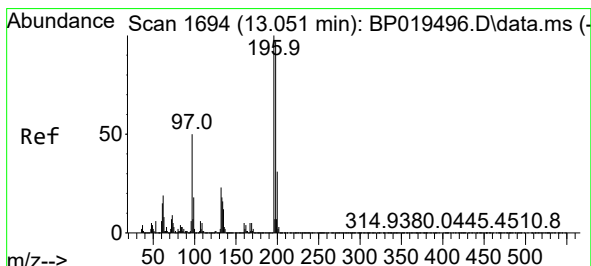
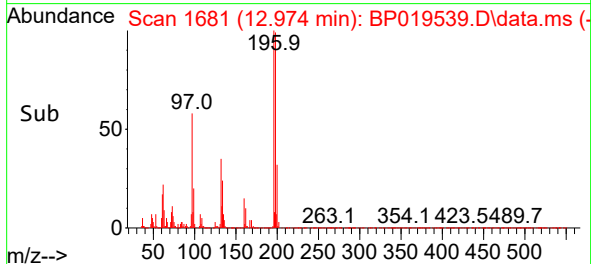
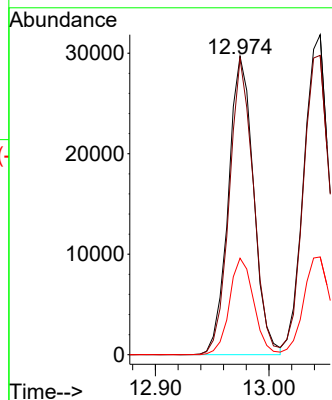
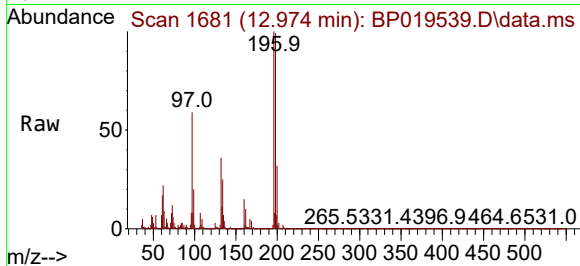




#43
2,4,6-Trichlorophenol
Concen: 10.827 ng
RT: 12.974 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

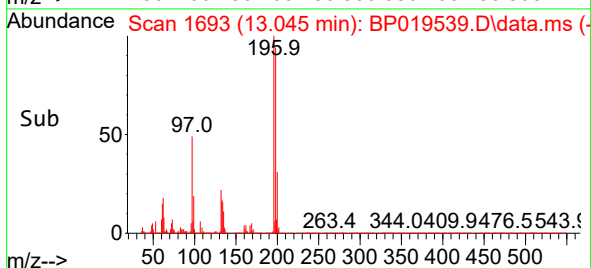
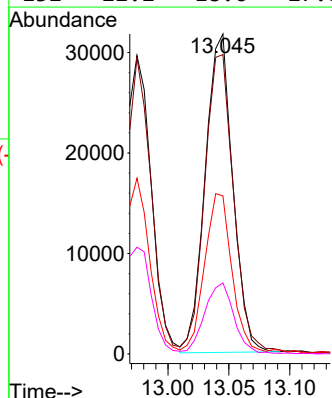
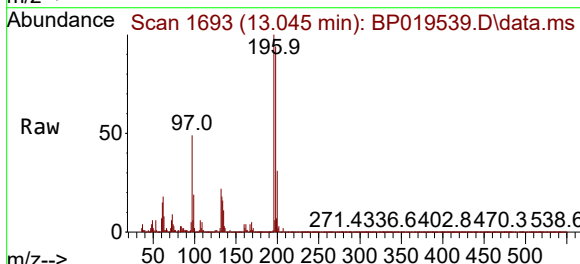
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

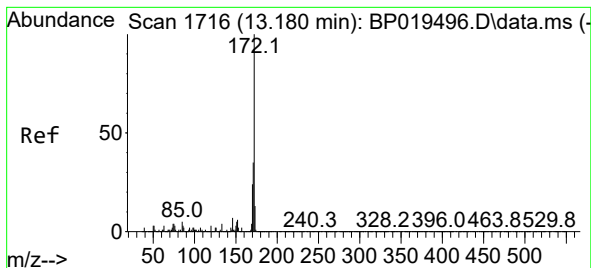
Tgt Ion:196 Resp: 45850
Ion Ratio Lower Upper
196 100
198 99.3 76.7 115.1
200 32.3 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 10.755 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:196 Resp: 50011
Ion Ratio Lower Upper
196 100
198 93.6 77.5 116.3
97 49.4 39.9 59.9
132 22.2 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 113.690 ng

RT: 13.174 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

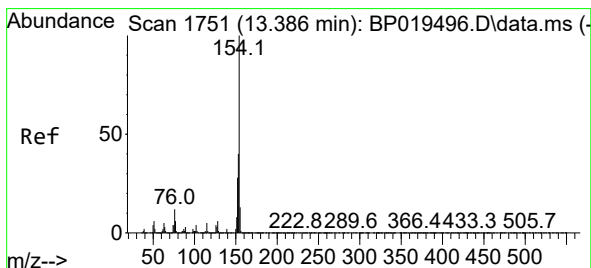
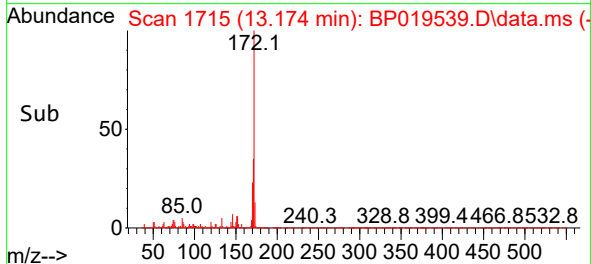
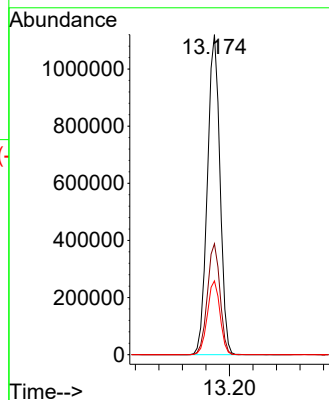
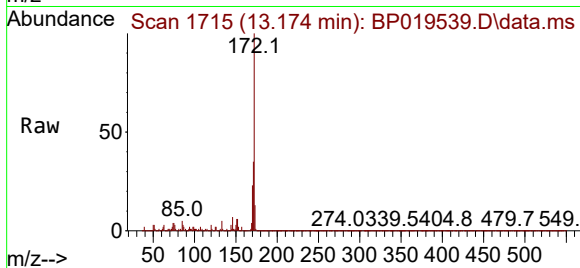
Tgt Ion:172 Resp: 1667707

Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 11.199 ng

RT: 13.380 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

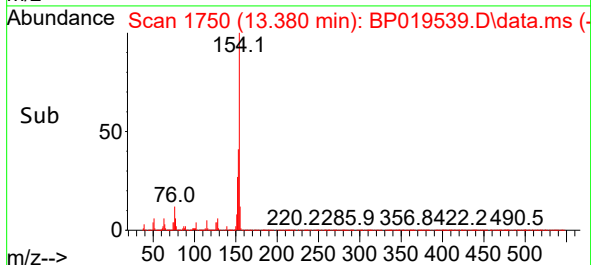
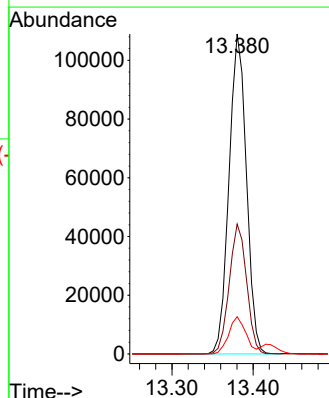
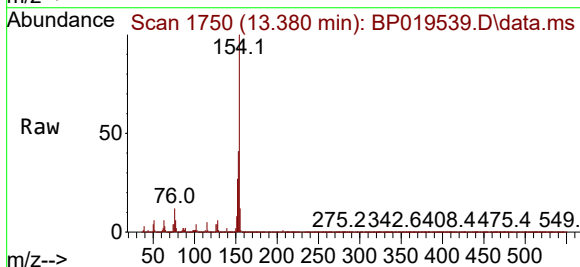
Tgt Ion:154 Resp: 162091

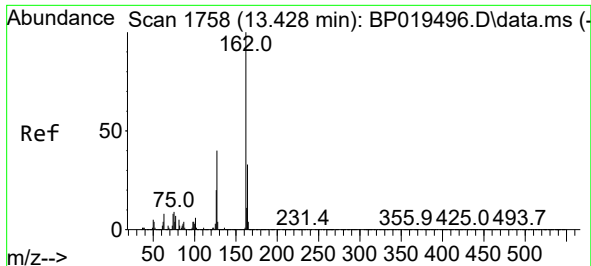
Ion Ratio Lower Upper

154 100

153 40.6 20.2 60.2

76 11.7 0.0 31.6

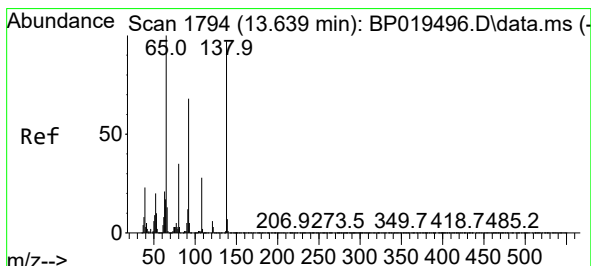
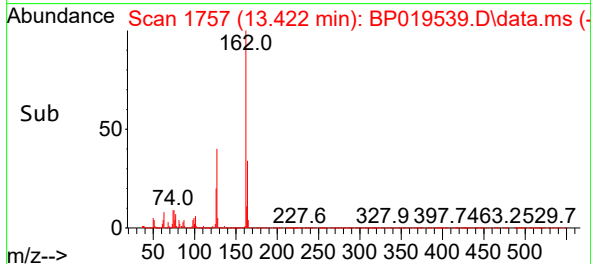
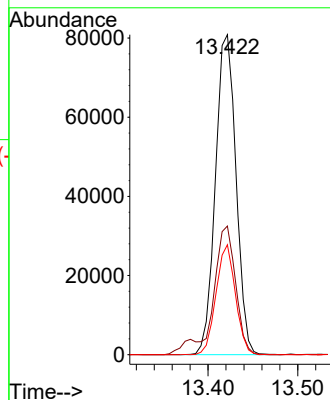
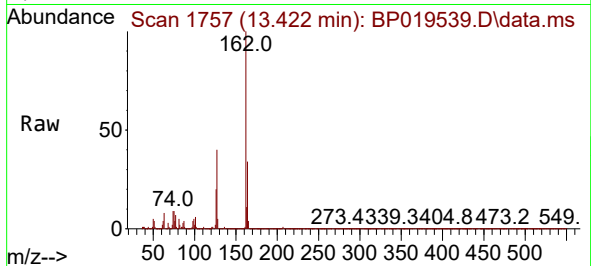




#47
2-Chloronaphthalene
Concen: 10.838 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

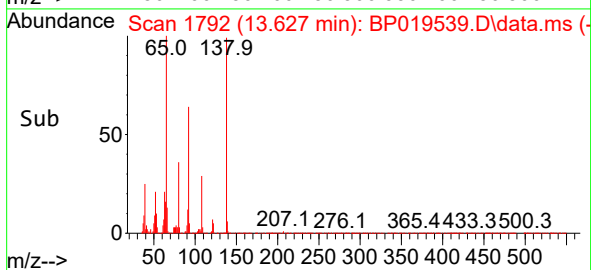
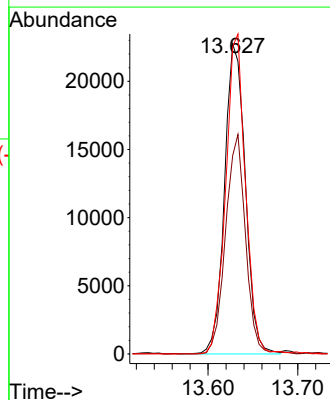
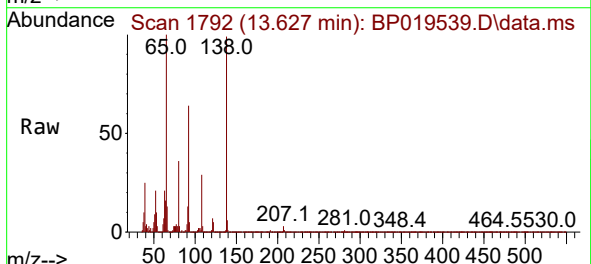
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

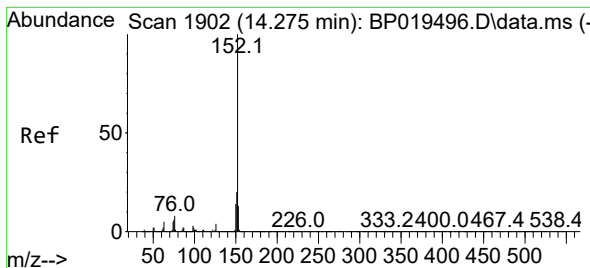
Tgt Ion:162 Resp: 128764
Ion Ratio Lower Upper
162 100
127 40.2 32.1 48.1
164 34.3 26.7 40.1



#48
2-Nitroaniline
Concen: 11.003 ng
RT: 13.627 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 65 Resp: 36554
Ion Ratio Lower Upper
65 100
92 63.9 54.7 82.1
138 99.1 77.8 116.6





#49

Acenaphthylene

Concen: 12.387 ng

RT: 14.263 min Scan# 1902

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

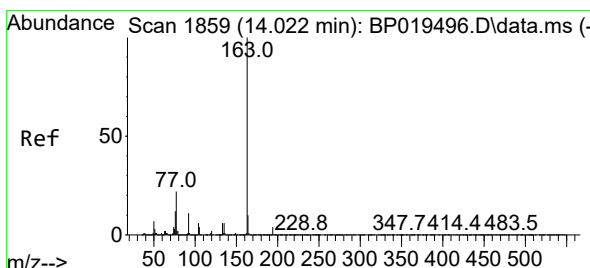
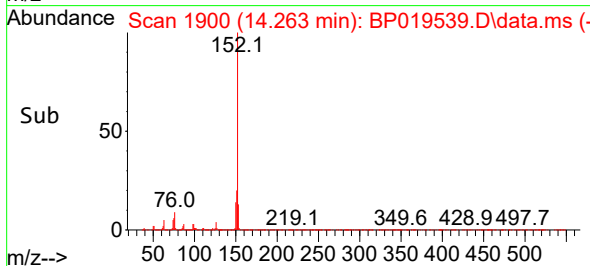
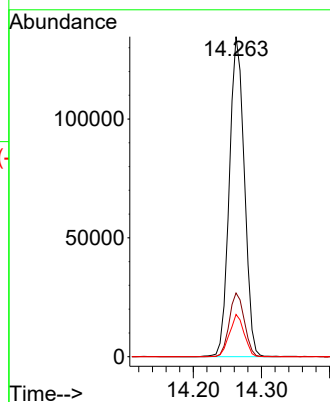
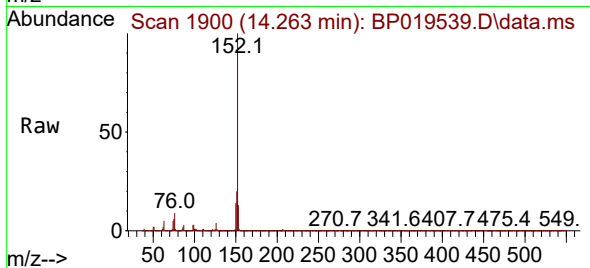
Tgt Ion:152 Resp: 206477

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 12.090 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

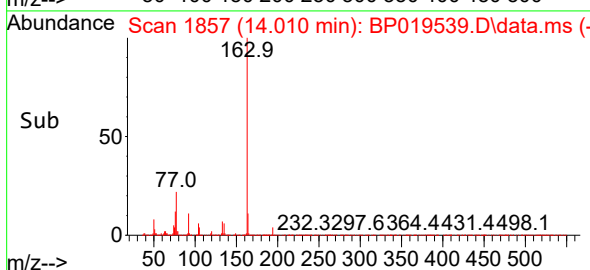
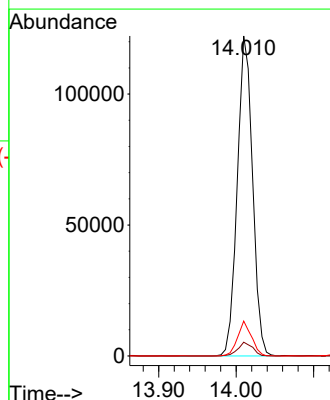
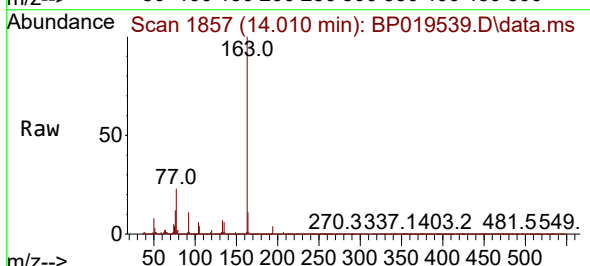
Tgt Ion:163 Resp: 167835

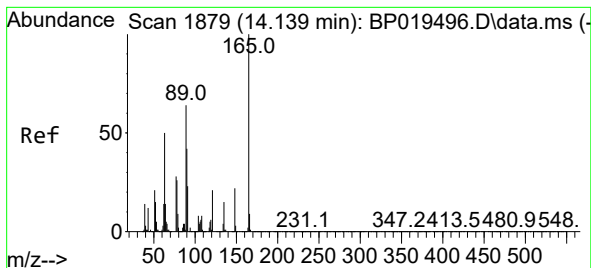
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.9 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 11.285 ng

RT: 14.127 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

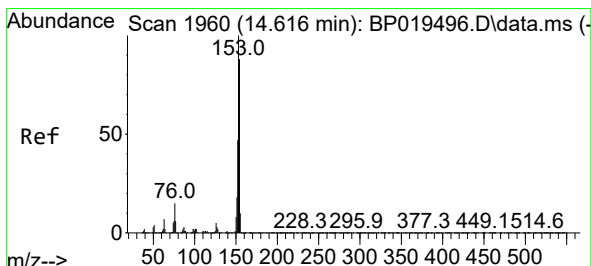
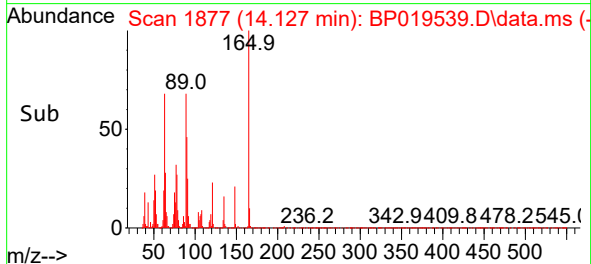
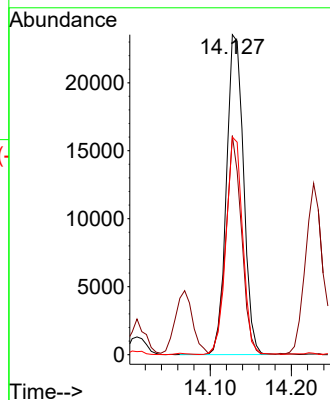
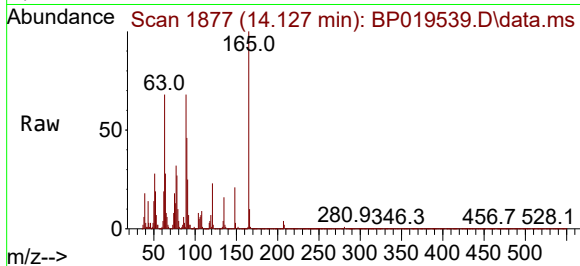
Tgt Ion:165 Resp: 34419

Ion Ratio Lower Upper

165 100

63 68.5 50.4 75.6

89 68.0 51.7 77.5



#52

Acenaphthene

Concen: 11.278 ng

RT: 14.604 min Scan# 1958

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

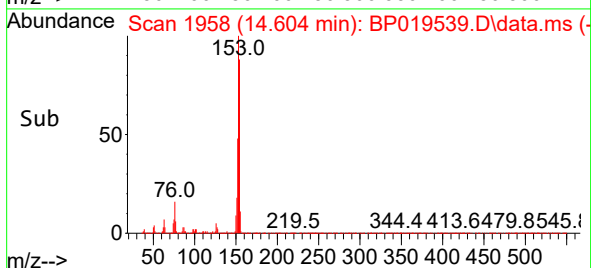
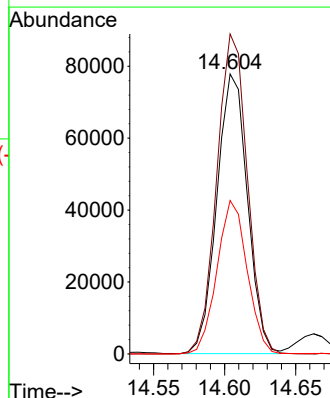
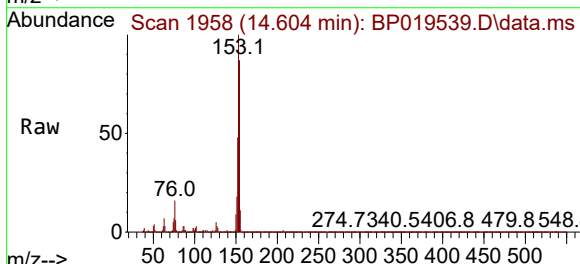
Tgt Ion:154 Resp: 116677

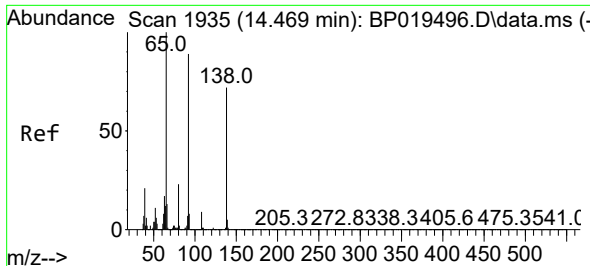
Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

152 54.8 42.1 63.1

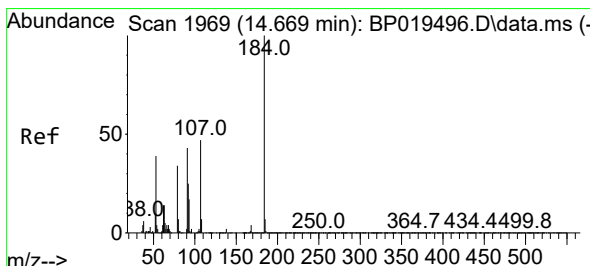
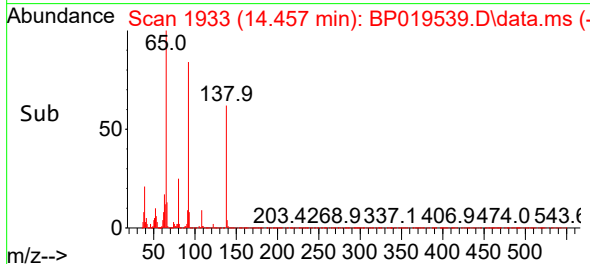
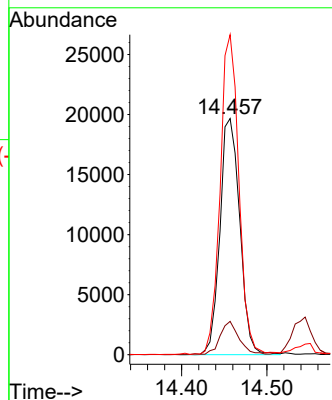
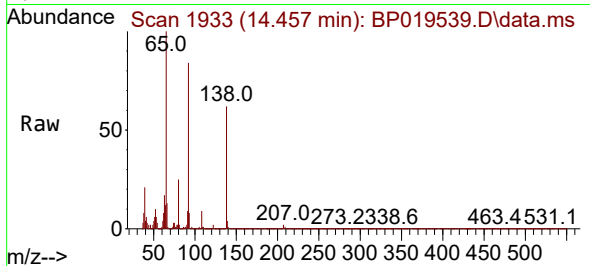




#53
3-Nitroaniline
Concen: 11.338 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

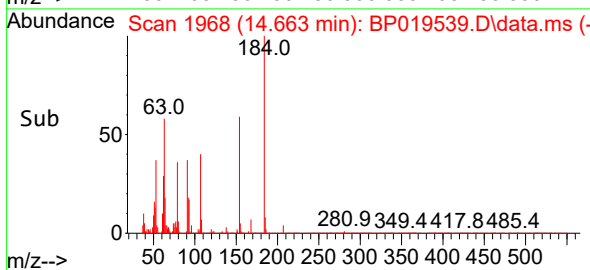
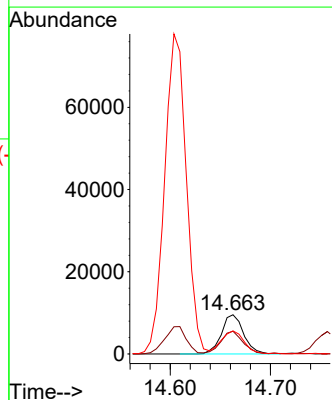
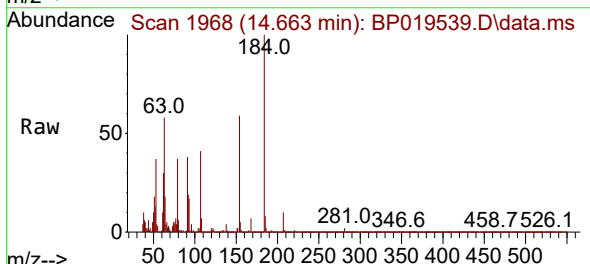
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

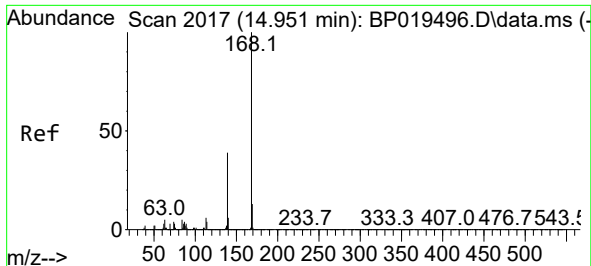
Tgt Ion:138 Resp: 31779
Ion Ratio Lower Upper
138 100
108 14.1 9.7 14.5
92 135.5 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 9.243 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:184 Resp: 14638
Ion Ratio Lower Upper
184 100
63 57.9 50.5 75.7
154 58.9 53.4 80.0

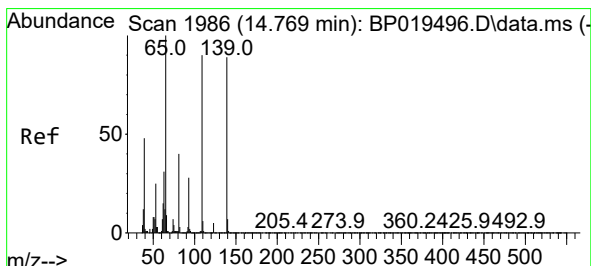
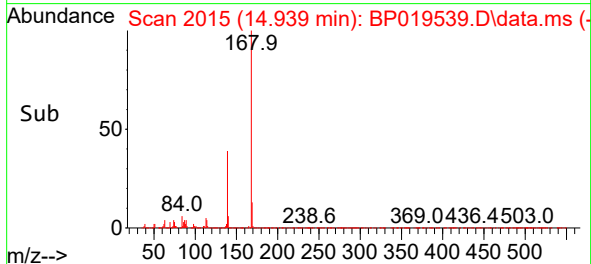
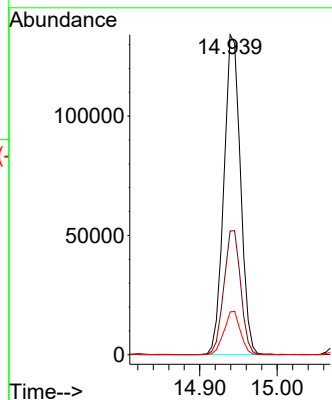
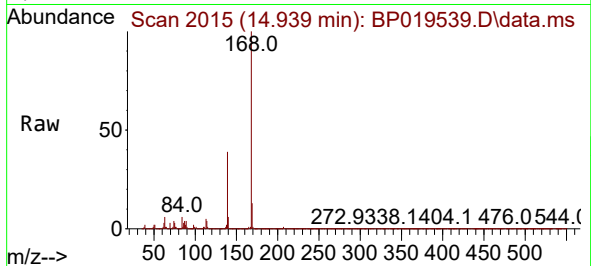




#55
Dibenzenofuran
Concen: 11.857 ng
RT: 14.939 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

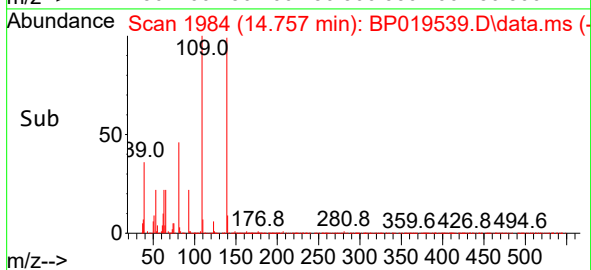
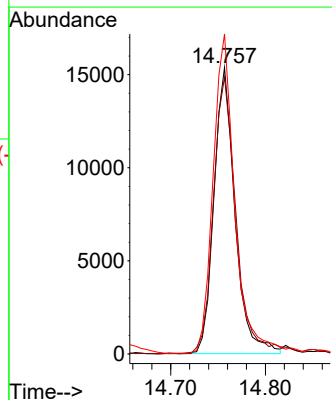
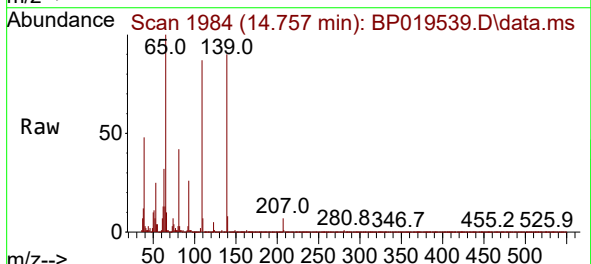
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

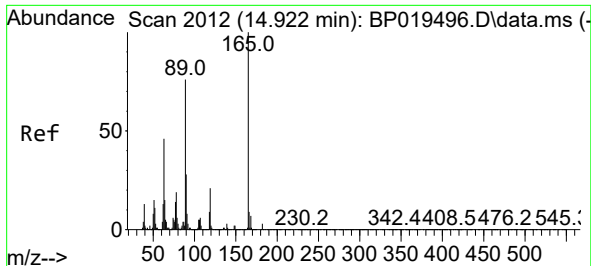
Tgt Ion:168 Resp: 199780
Ion Ratio Lower Upper
168 100
139 38.6 31.5 47.3
169 13.4 10.3 15.5



#56
4-Nitrophenol
Concen: 10.326 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:139 Resp: 23722
Ion Ratio Lower Upper
139 100
109 96.6 82.0 122.0
65 111.7 92.9 132.9

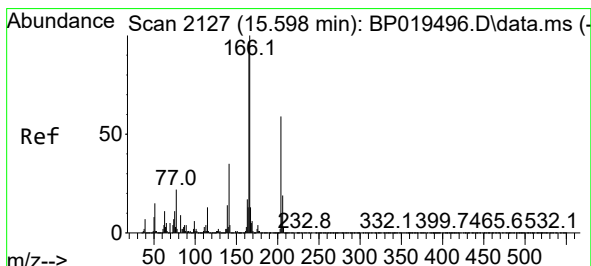
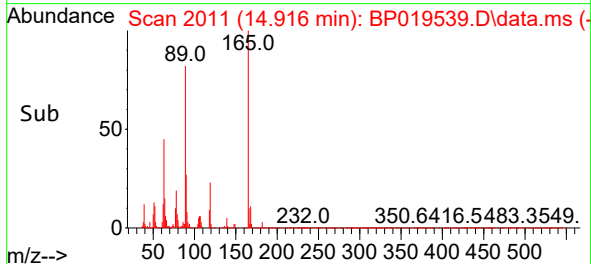
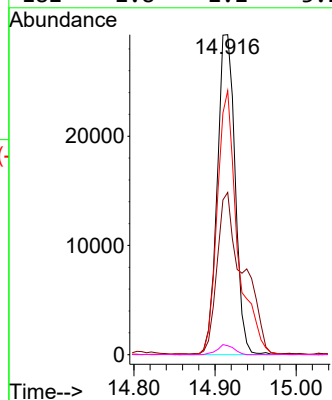
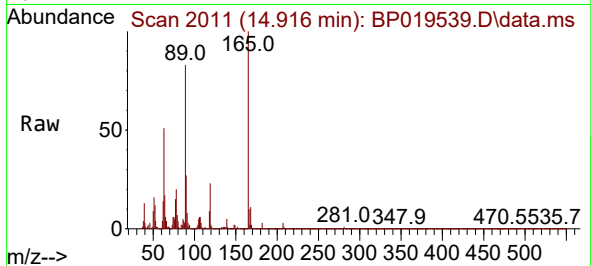




#57
2,4-Dinitrotoluene
Concen: 11.235 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

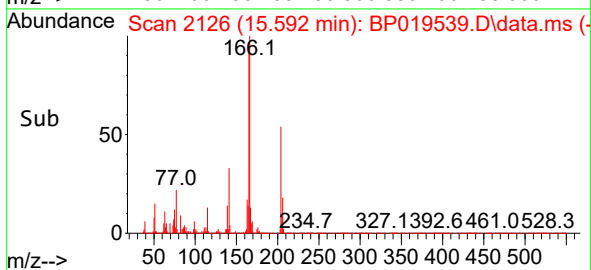
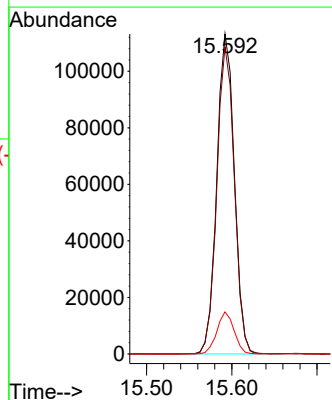
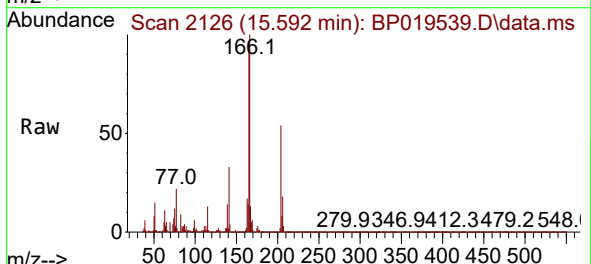
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

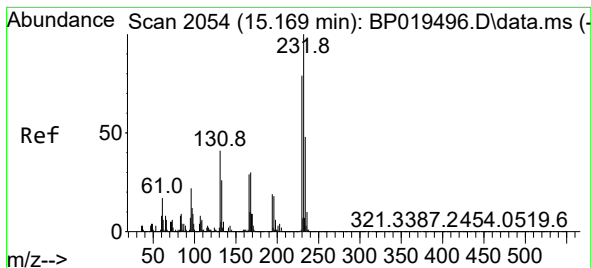
Tgt Ion:165 Resp: 44903
Ion Ratio Lower Upper
165 100
63 50.7 36.9 55.3
89 82.5 61.1 91.7
182 2.8 2.2 3.2



#58
Fluorene
Concen: 12.085 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:166 Resp: 162179
Ion Ratio Lower Upper
166 100
165 96.0 77.8 116.8
167 13.2 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 12.075 ng

RT: 15.163 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:232 Resp: 47232

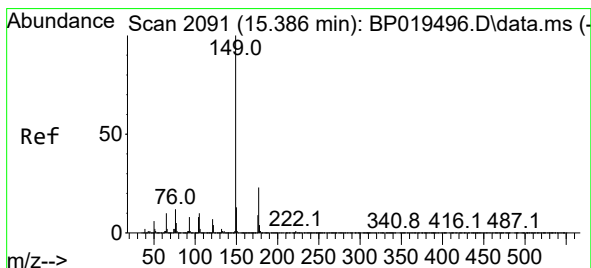
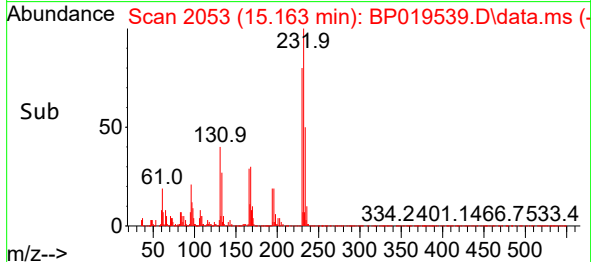
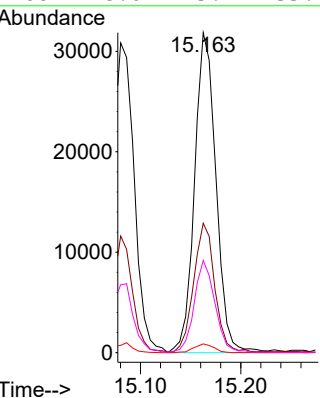
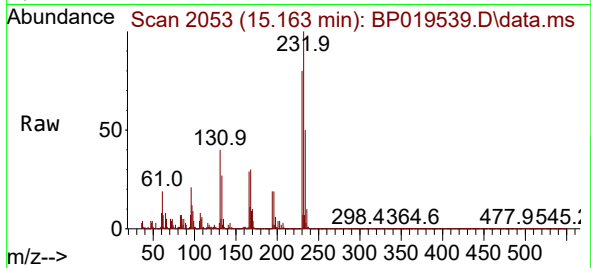
Ion Ratio Lower Upper

232 100

131 39.5 32.4 48.6

130 2.6 1.9 2.9

166 28.0 23.4 35.2



#60

Diethylphthalate

Concen: 11.842 ng

RT: 15.380 min Scan# 2090

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

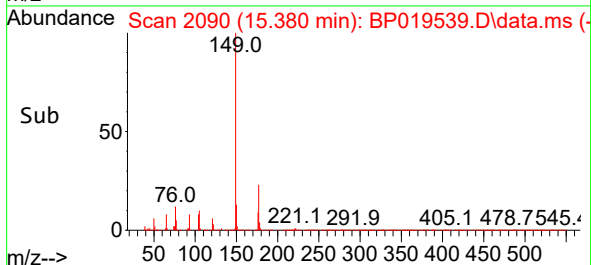
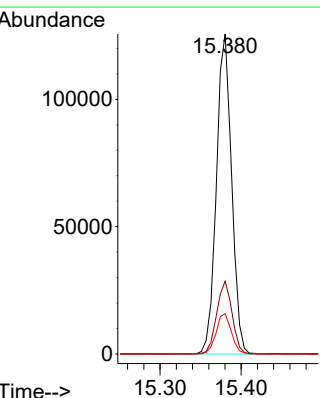
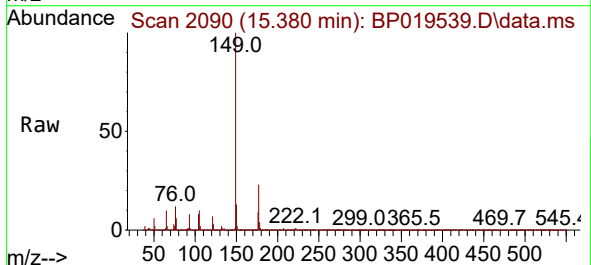
Tgt Ion:149 Resp: 163520

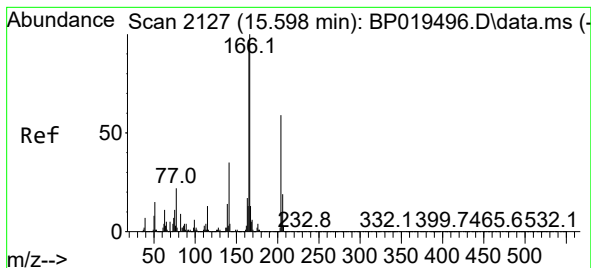
Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.2

150 12.6 10.2 15.4

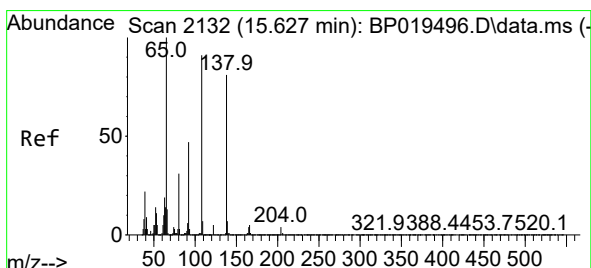
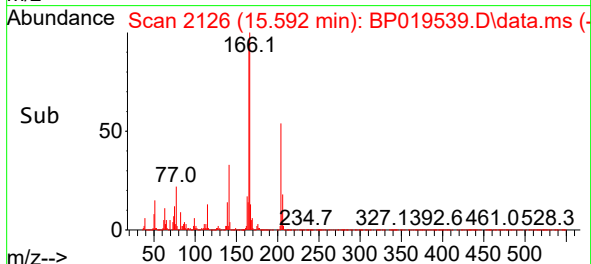
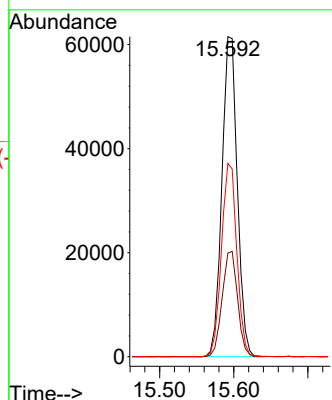
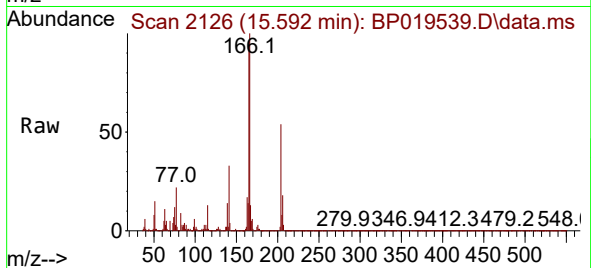




#61
4-Chlorophenyl-phenylether
Concen: 11.745 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

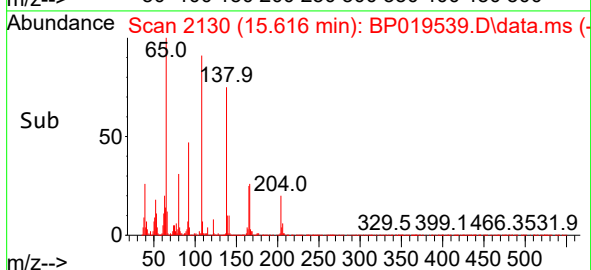
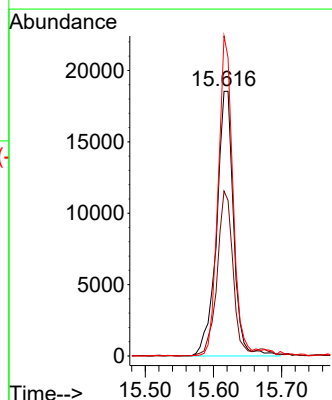
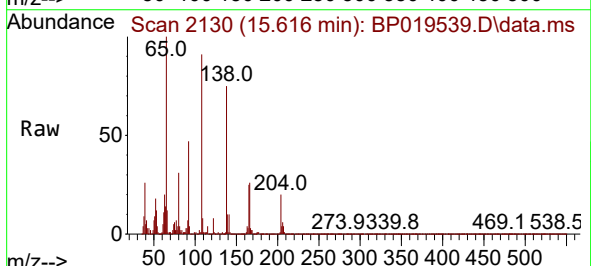
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

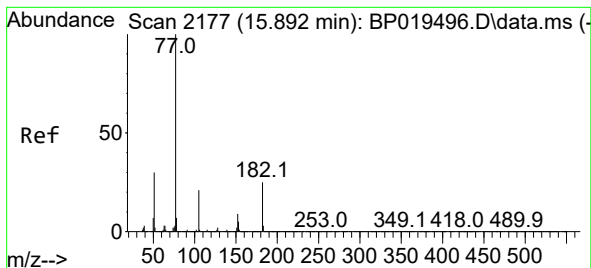
Tgt Ion:204 Resp: 88591
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 60.4 48.5 72.7



#62
4-Nitroaniline
Concen: 10.949 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:138 Resp: 32169
Ion Ratio Lower Upper
138 100
92 62.3 38.3 78.3
108 120.9 91.2 131.2





#63

Azobenzene

Concen: 11.715 ng

RT: 15.886 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 77 Resp: 156430

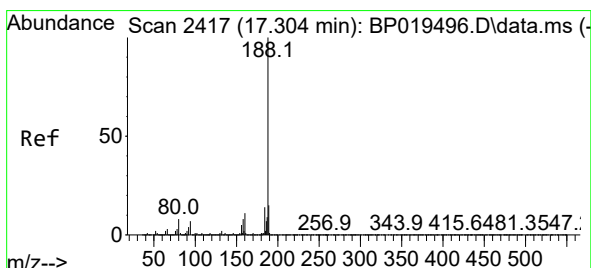
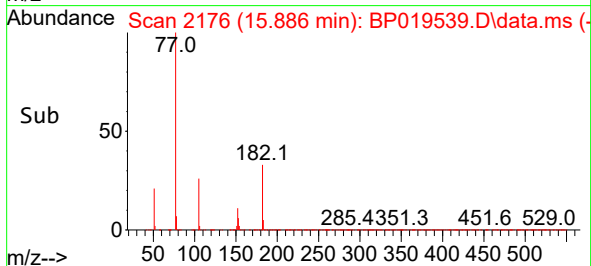
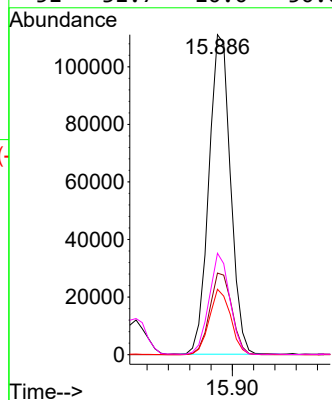
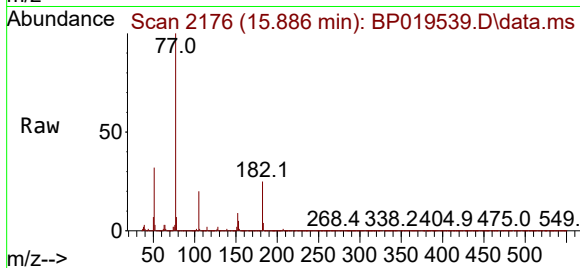
Ion Ratio Lower Upper

77 100

182 25.5 5.1 45.1

105 20.5 0.8 40.8

51 31.7 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

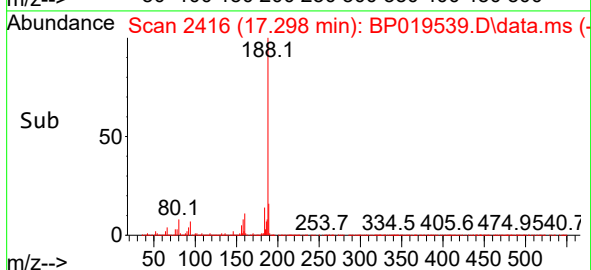
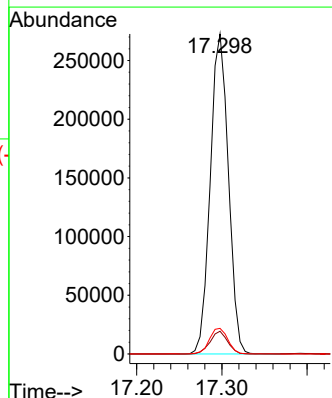
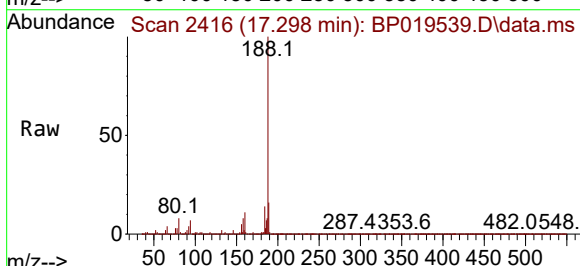
Tgt Ion: 188 Resp: 402284

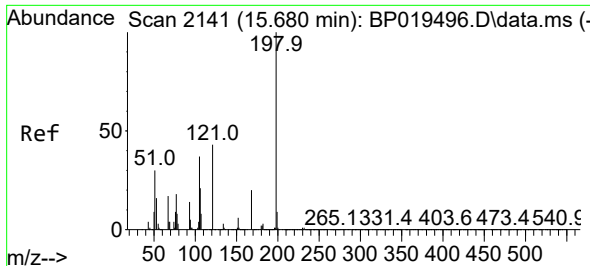
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.0 6.3 9.5

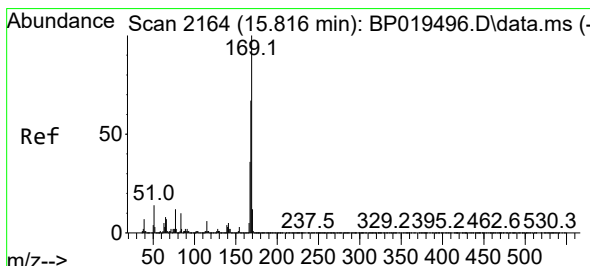
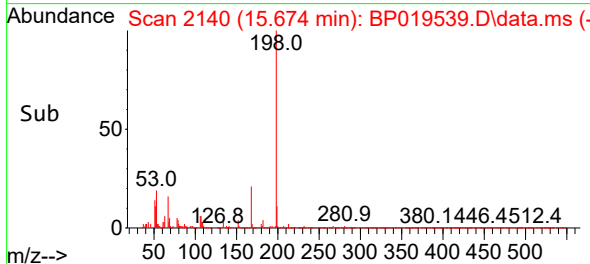
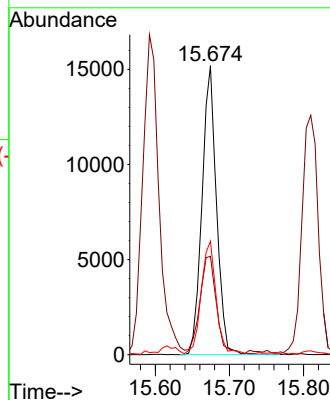
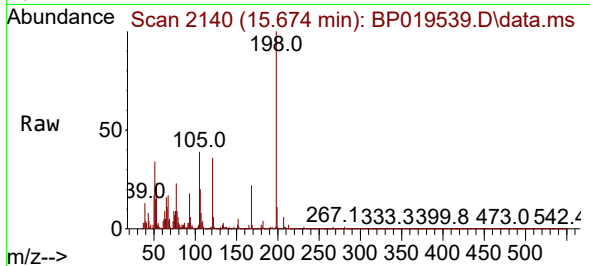




#65
4,6-Dinitro-2-methylphenol
Concen: 9.024 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

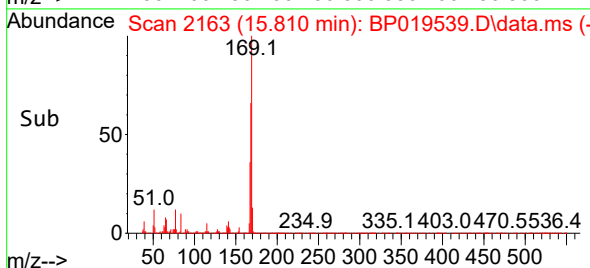
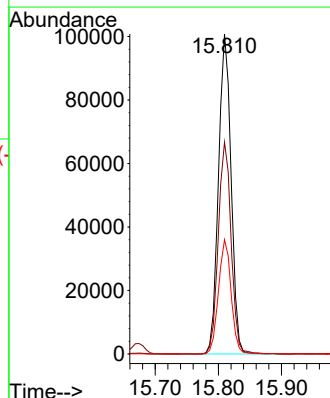
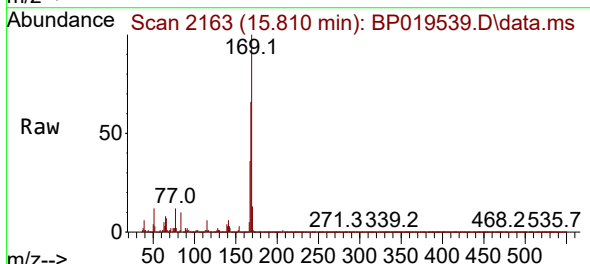
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

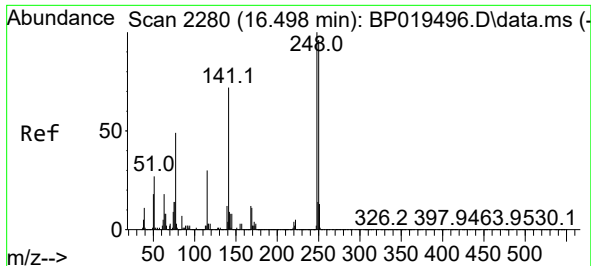
Tgt Ion:198 Resp: 20700
Ion Ratio Lower Upper
198 100
51 34.1 21.2 61.2
105 39.3 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 11.553 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:169 Resp: 139195
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 35.7 28.9 43.3

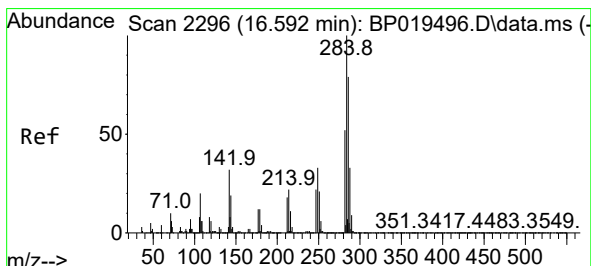
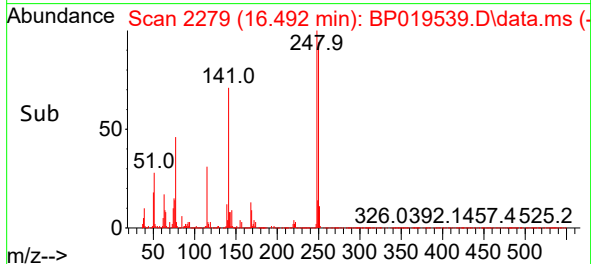
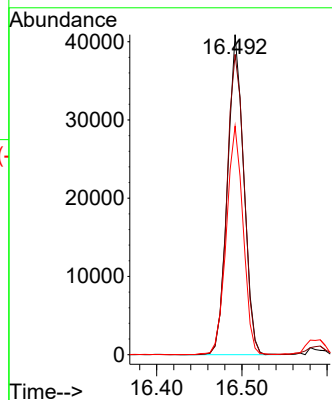
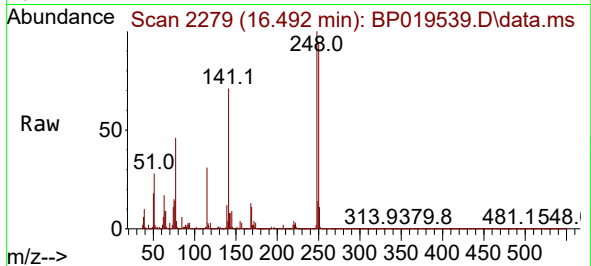




#67
4-Bromophenyl-phenylether
Concen: 10.833 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

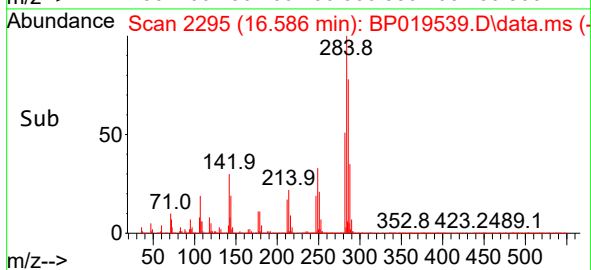
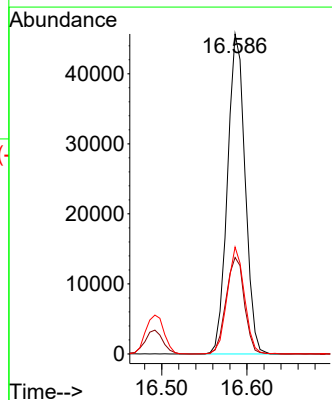
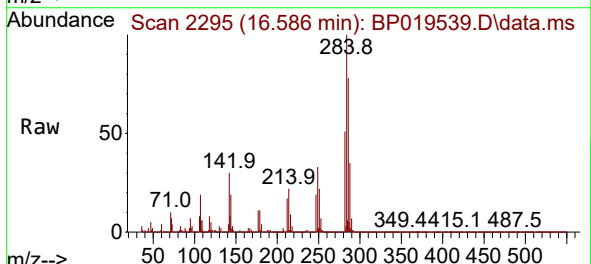
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

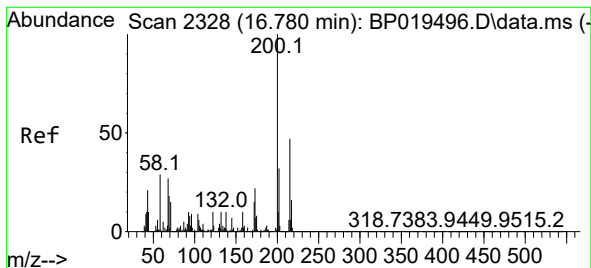
Tgt Ion:248 Resp: 54481
Ion Ratio Lower Upper
248 100
250 93.9 76.9 115.3
141 71.4 58.0 87.0



#68
Hexachlorobenzene
Concen: 11.195 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:284 Resp: 65743
Ion Ratio Lower Upper
284 100
142 30.2 25.4 38.2
249 33.4 26.5 39.7





#69

Atrazine

Concen: 13.417 ng

RT: 16.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

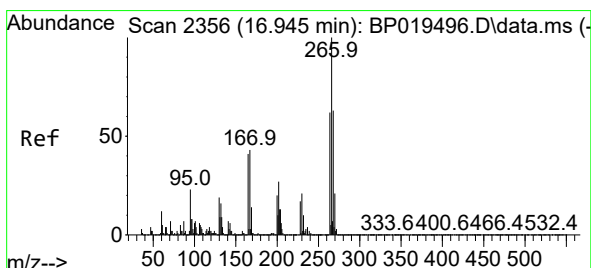
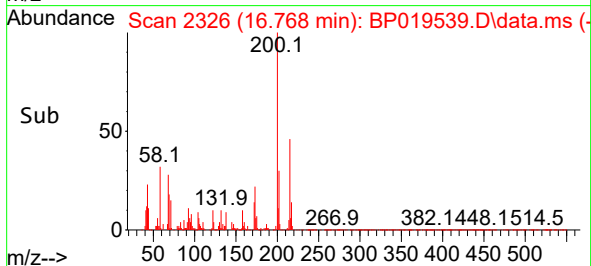
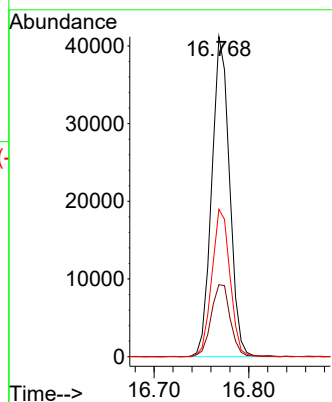
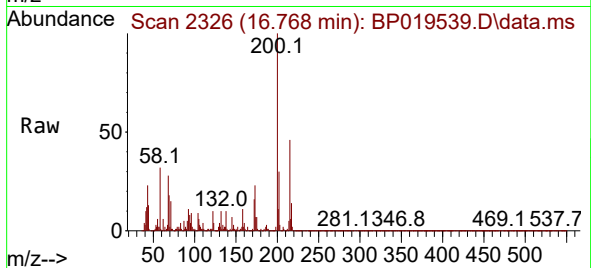
Tgt Ion:200 Resp: 53639

Ion Ratio Lower Upper

200 100

173 22.5 1.7 41.7

215 46.0 26.9 66.9



#70

Pentachlorophenol

Concen: 9.031 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

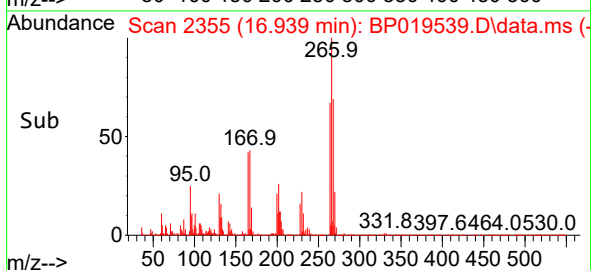
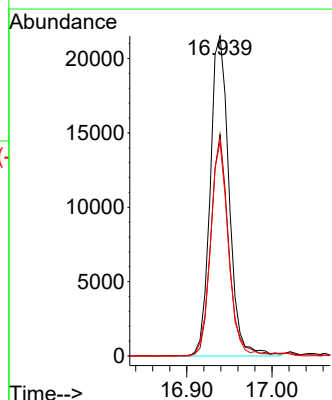
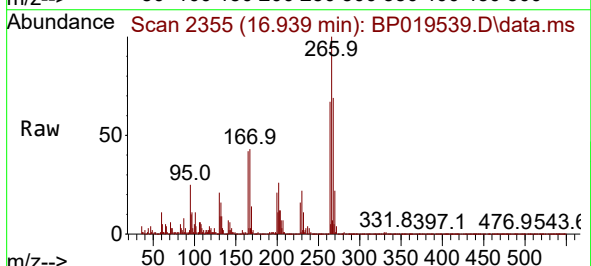
Tgt Ion:266 Resp: 33030

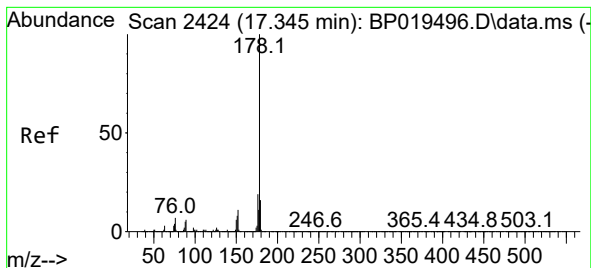
Ion Ratio Lower Upper

266 100

268 69.2 50.3 75.5

264 66.9 49.7 74.5





#71

Phenanthrene

Concen: 11.932 ng

RT: 17.339 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

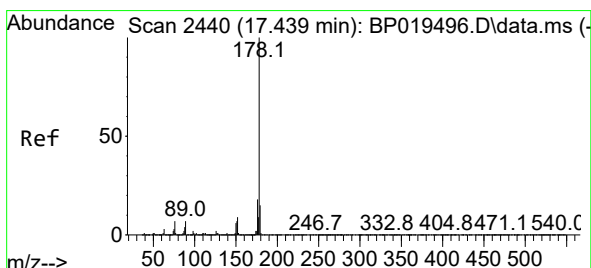
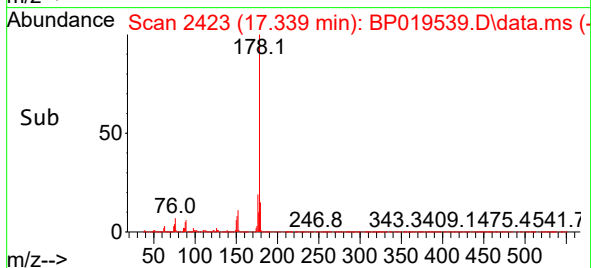
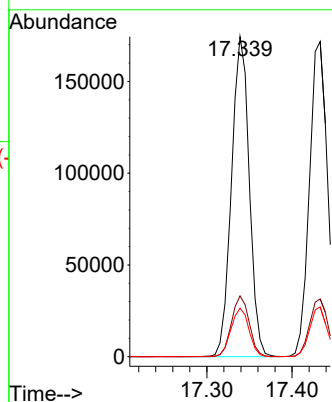
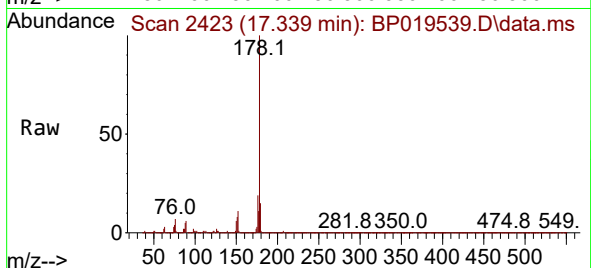
Tgt Ion:178 Resp: 252604

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.2 12.6 19.0



#72

Anthracene

Concen: 11.951 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

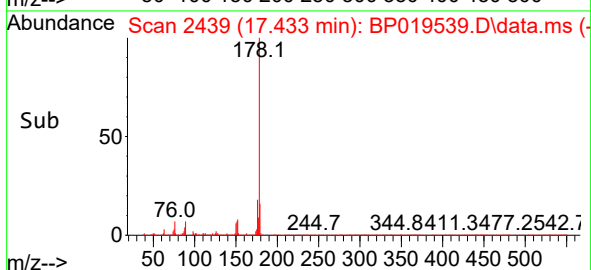
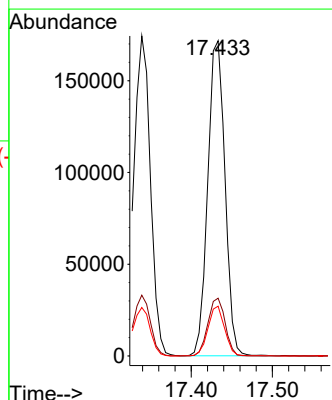
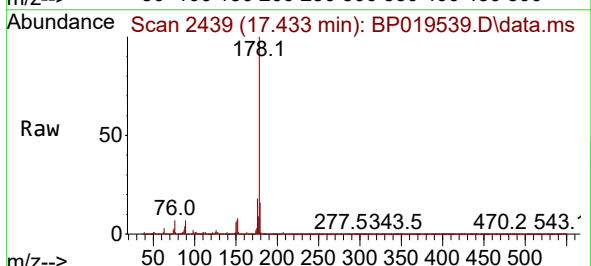
Tgt Ion:178 Resp: 252399

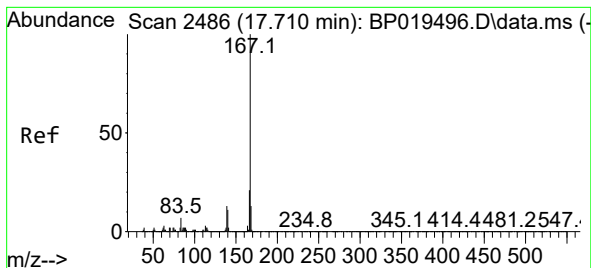
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.8 12.2 18.2





#73

Carbazole

Concen: 11.086 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

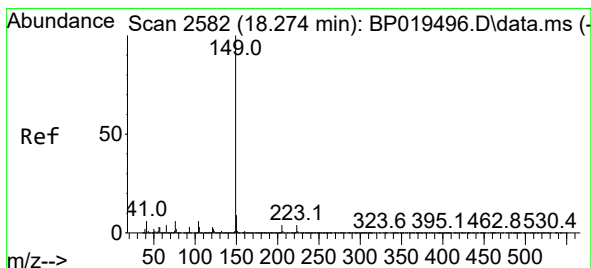
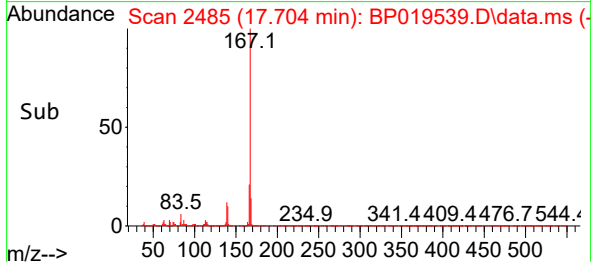
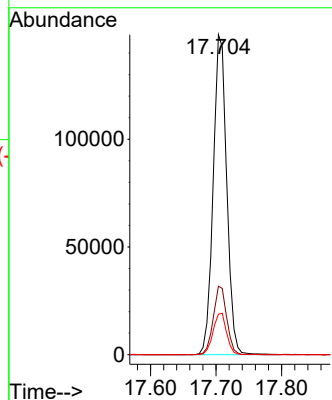
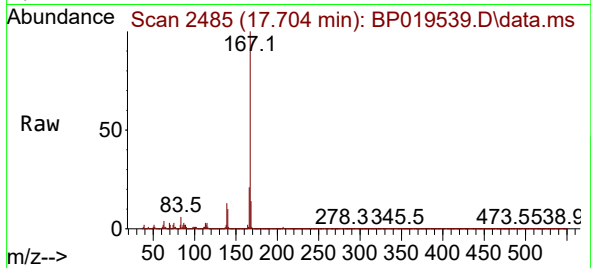
Tgt Ion:167 Resp: 212684

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.6 10.6 15.8



#74

Di-n-butylphthalate

Concen: 10.439 ng

RT: 18.268 min Scan# 2581

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

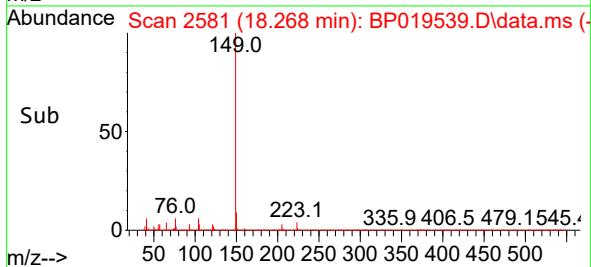
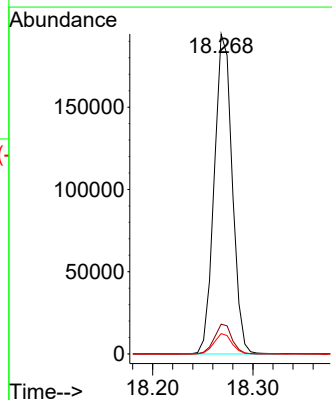
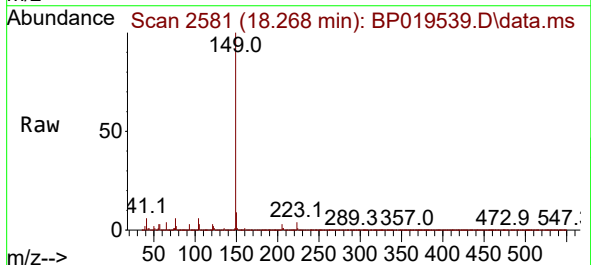
Tgt Ion:149 Resp: 242165

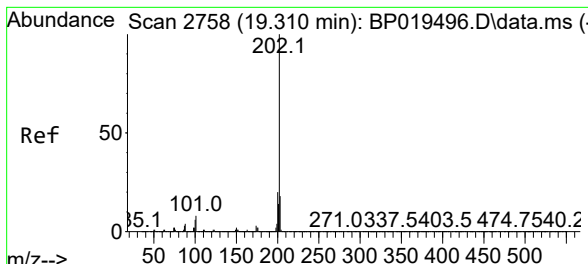
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 6.4 4.8 7.2

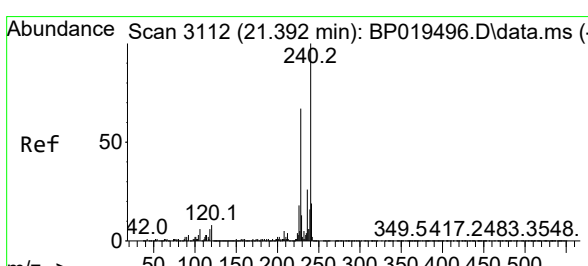
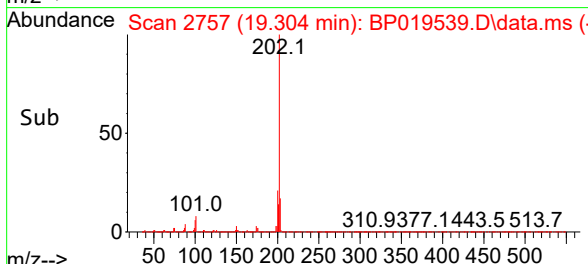
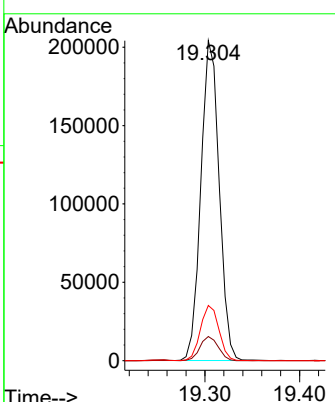
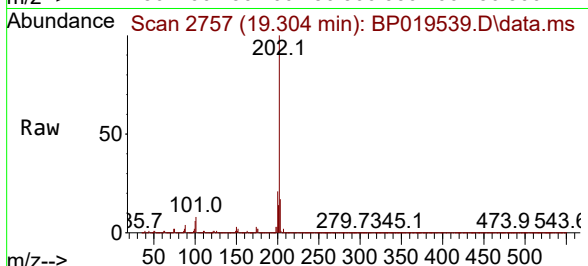




#75
 Fluoranthene
 Concen: 10.559 ng
 RT: 19.304 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019539.D
 Acq: 02 Feb 2024 21:51

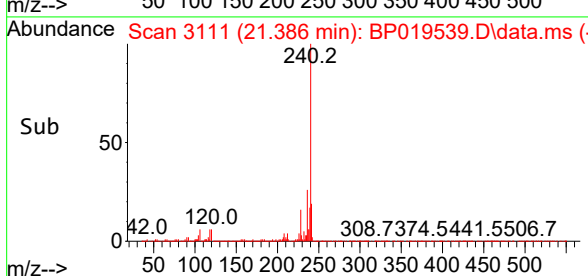
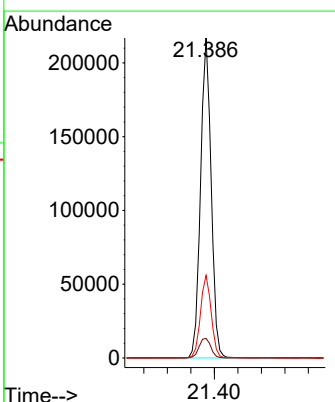
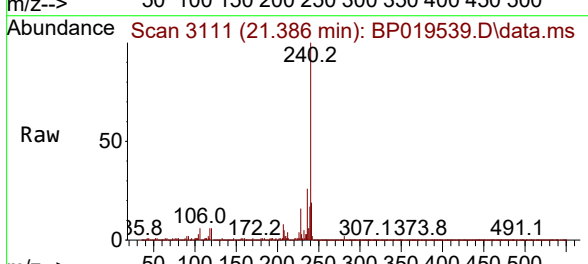
Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT3-2023

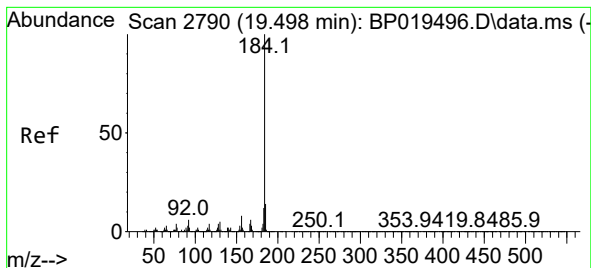
Tgt Ion:	202	Resp:	273091
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	27.7
203	17.2	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BP019539.D
 Acq: 02 Feb 2024 21:51

Tgt Ion:	240	Resp:	272088
Ion Ratio	Lower	Upper	
240	100		
120	6.1	6.1	9.1
236	25.8	20.7	31.1





#77

Benzidine

Concen: 19.906 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

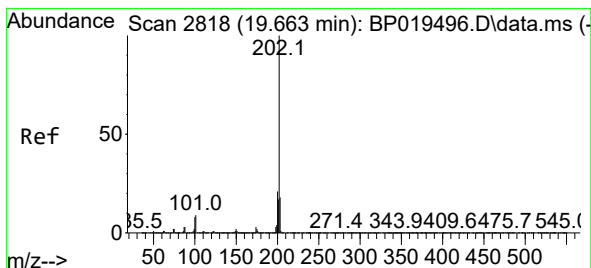
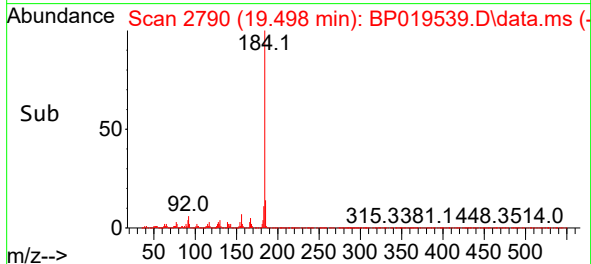
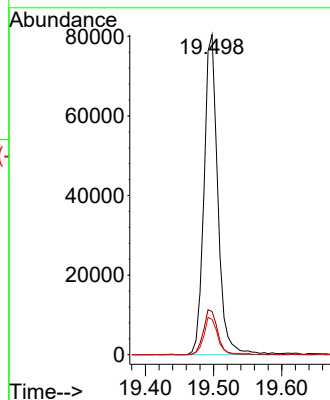
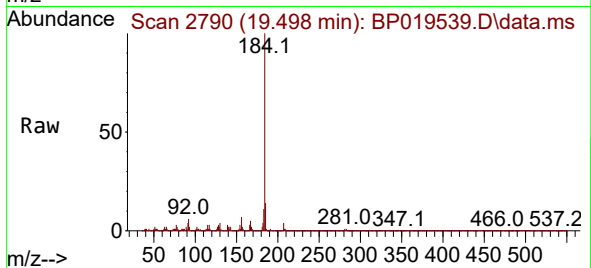
Tgt Ion:184 Resp: 113232

Ion Ratio Lower Upper

184 100

185 13.5 11.1 16.7

183 11.1 9.7 14.5



#78

Pyrene

Concen: 14.270 ng

RT: 19.656 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

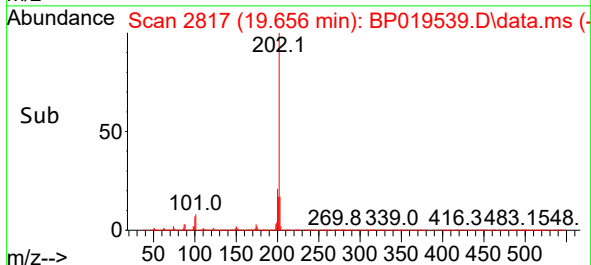
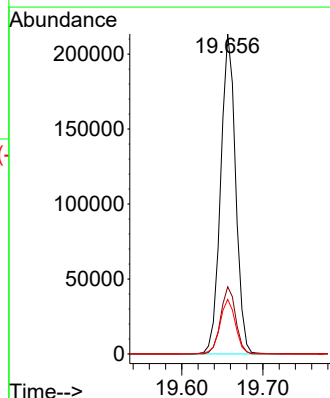
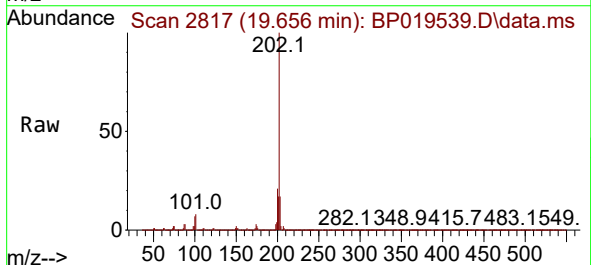
Tgt Ion:202 Resp: 274016

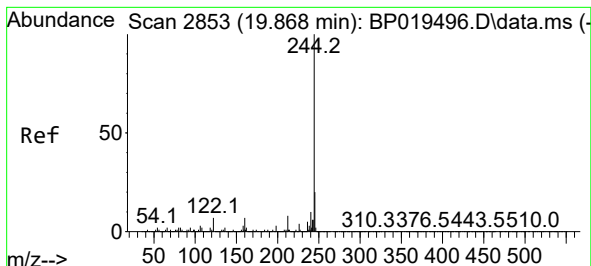
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.1 14.2 21.2





#79

Terphenyl-d14

Concen: 153.587 ng

RT: 19.868 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

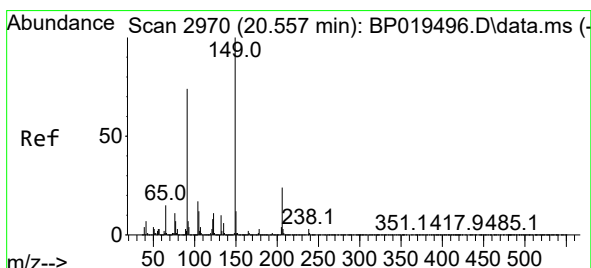
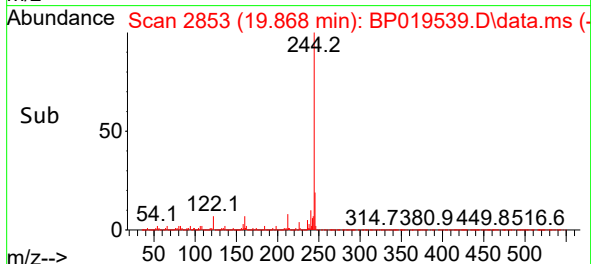
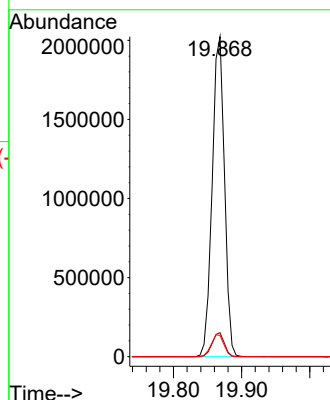
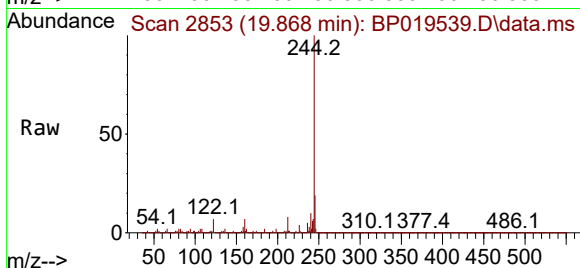
Tgt Ion:244 Resp: 2541080

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 6.6 5.9 8.9



#80

Butylbenzylphthalate

Concen: 10.707 ng

RT: 20.551 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

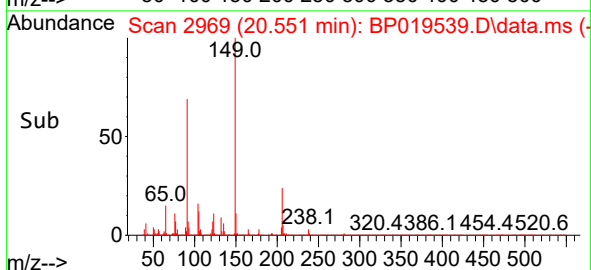
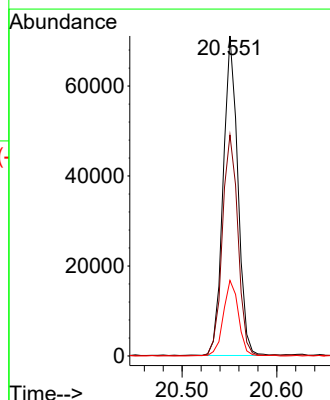
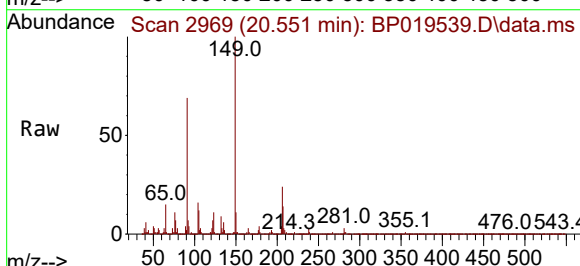
Tgt Ion:149 Resp: 76780

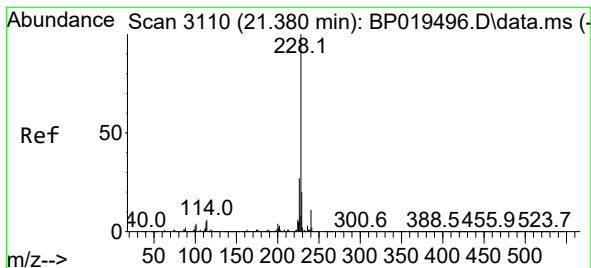
Ion Ratio Lower Upper

149 100

91 69.1 59.4 89.0

206 23.6 19.0 28.6





#81

Benzo(a)anthracene

Concen: 11.686 ng

RT: 21.368 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

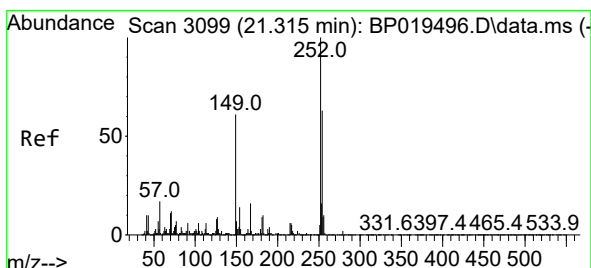
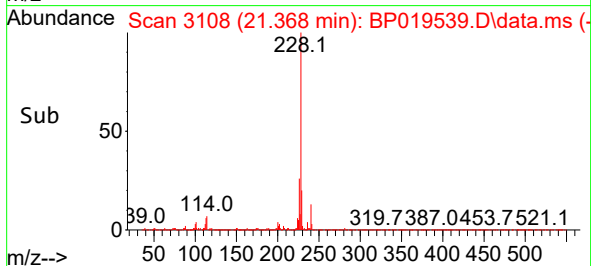
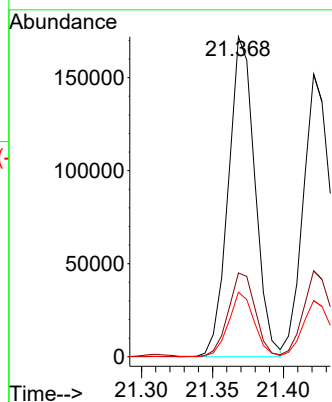
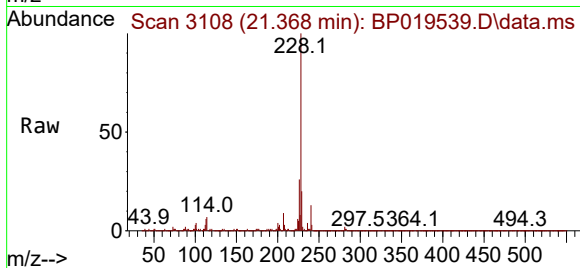
Tgt Ion:228 Resp: 223830

Ion Ratio Lower Upper

228 100

226 26.2 21.7 32.5

229 20.2 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 10.746 ng

RT: 21.309 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

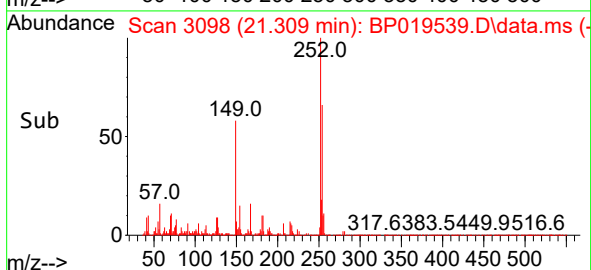
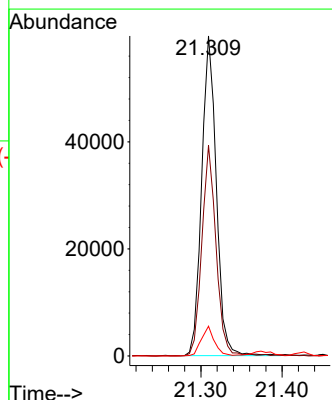
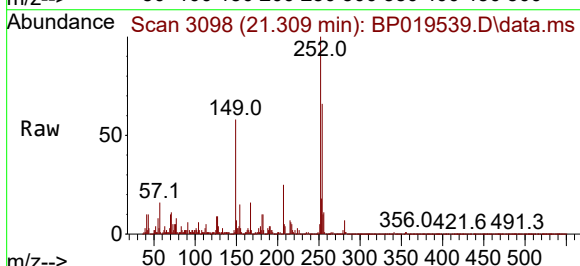
Tgt Ion:252 Resp: 75000

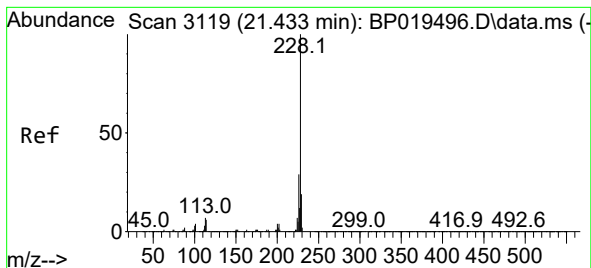
Ion Ratio Lower Upper

252 100

254 65.8 50.7 76.1

126 9.3 6.4 9.6





#83

Chrysene

Concen: 11.095 ng

RT: 21.421 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

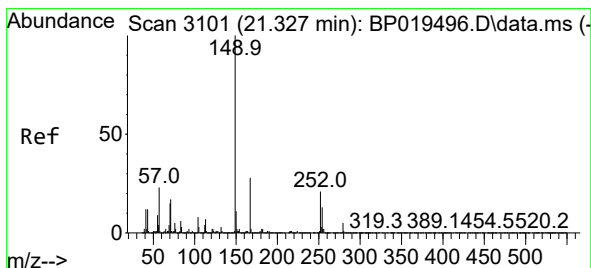
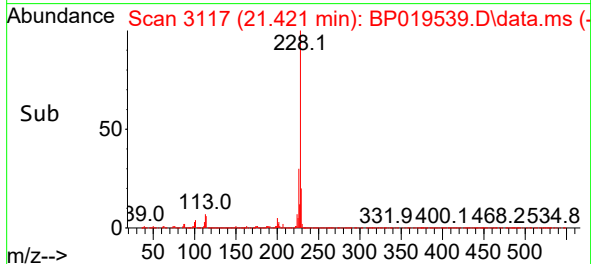
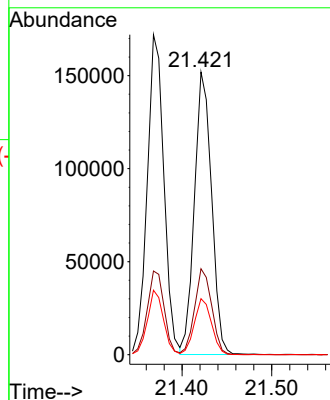
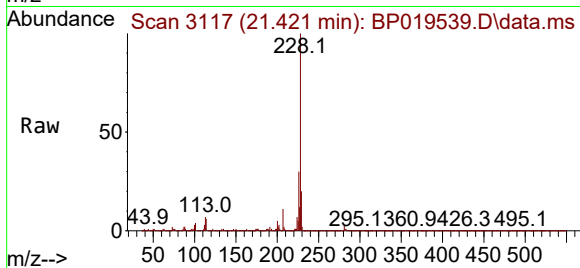
Tgt Ion:228 Resp: 201752

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.715 ng

RT: 21.321 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

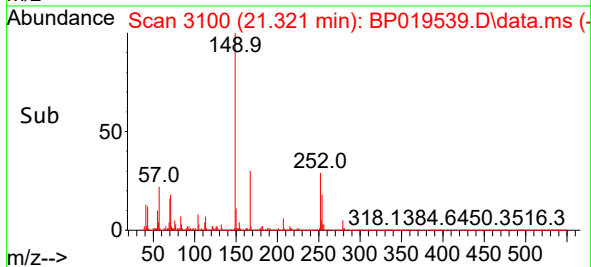
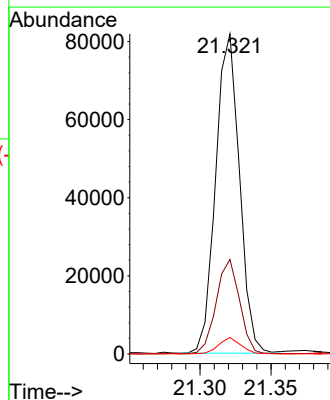
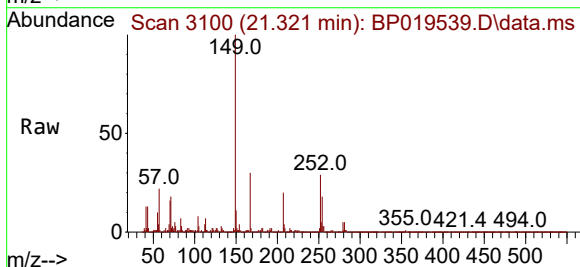
Tgt Ion:149 Resp: 95167

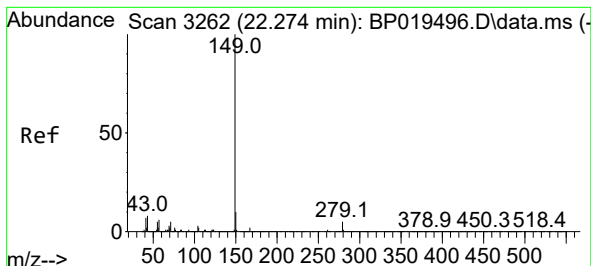
Ion Ratio Lower Upper

149 100

167 29.5 22.7 34.1

279 5.1 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 7.574 ng

RT: 22.262 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

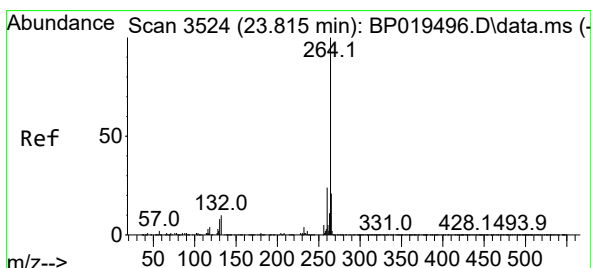
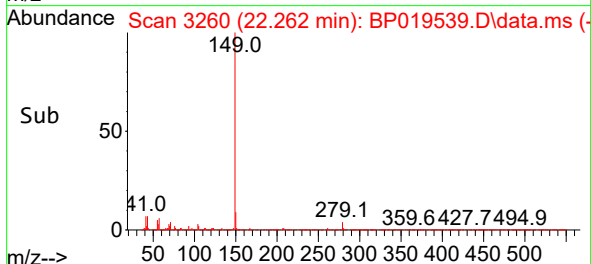
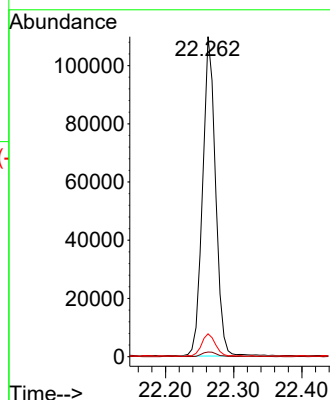
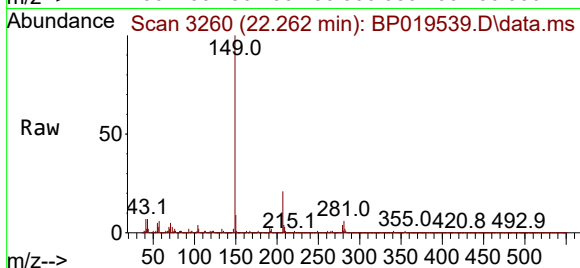
Tgt Ion:149 Resp: 145514

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3521

Delta R.T. -0.018 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

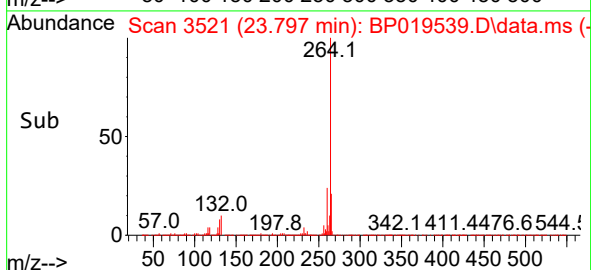
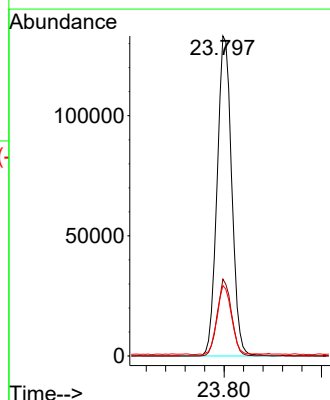
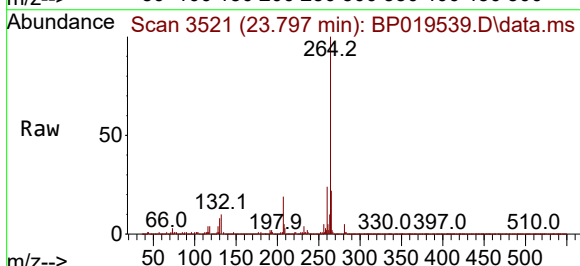
Tgt Ion:264 Resp: 277194

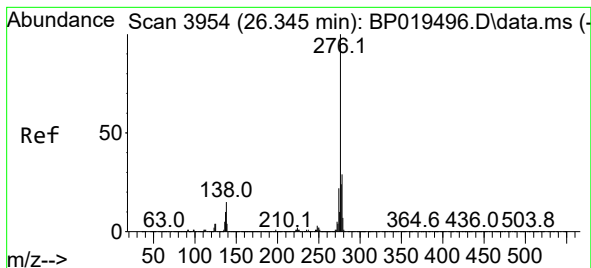
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.846 ng

RT: 26.321 min Scan# 3950

Delta R.T. -0.024 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

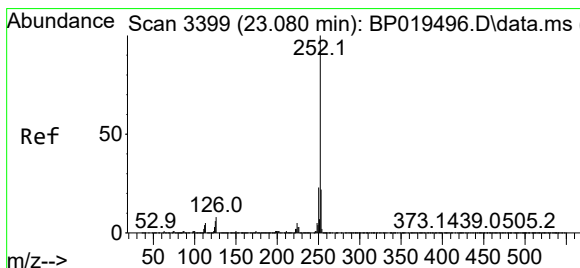
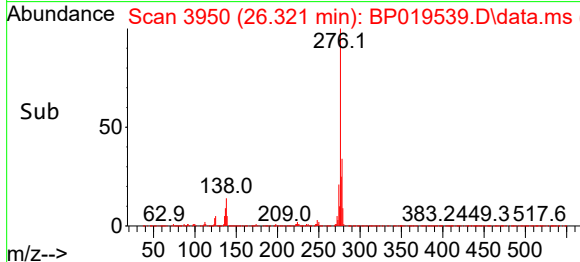
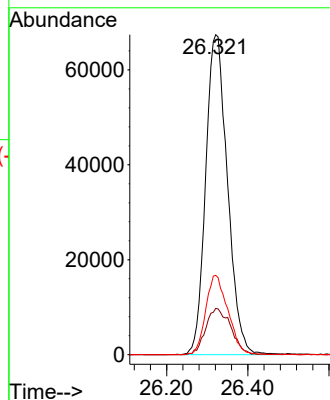
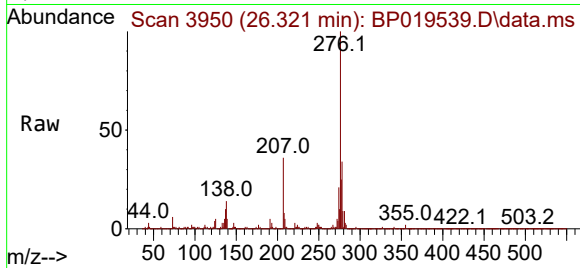
Tgt Ion:276 Resp: 251343

Ion Ratio Lower Upper

276 100

138 16.7 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 10.749 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.018 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

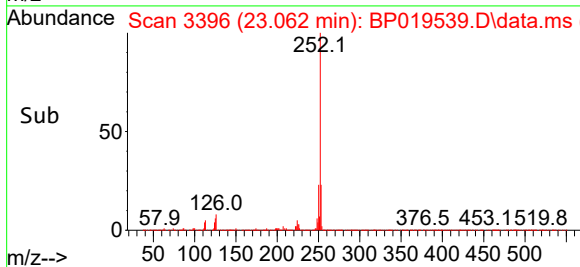
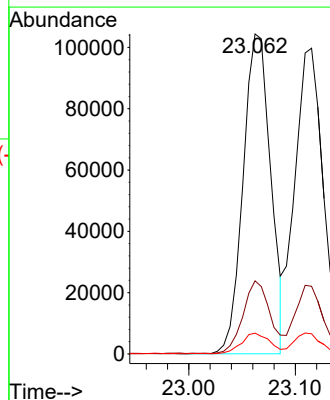
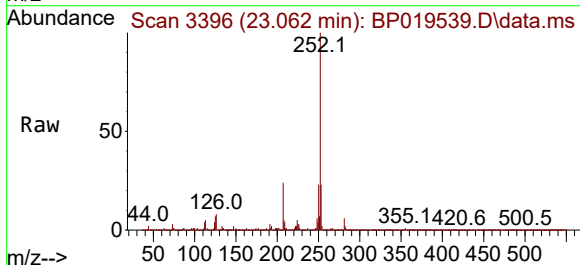
Tgt Ion:252 Resp: 187790

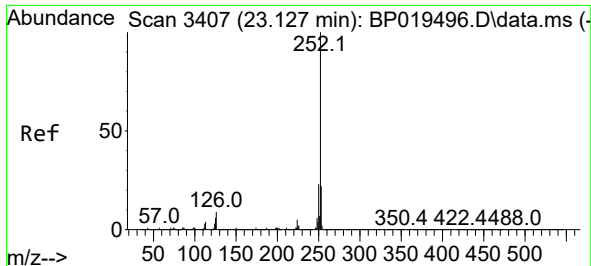
Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 6.5 4.9 7.3

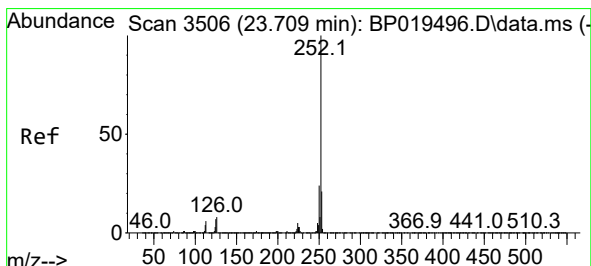
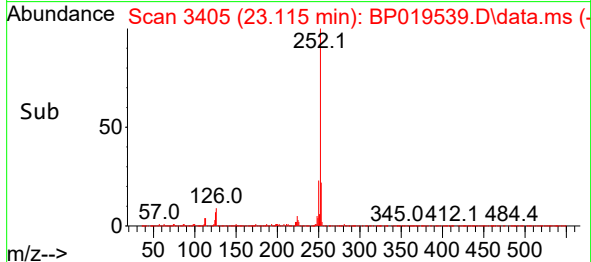
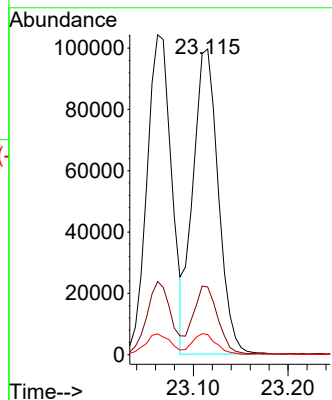
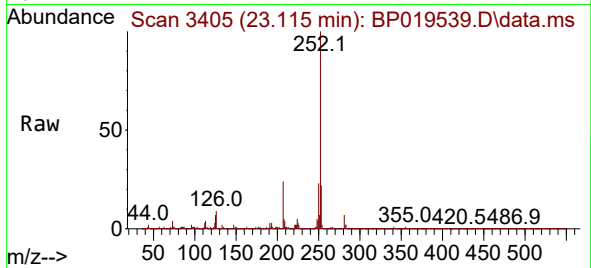




#89
Benzo(k)fluoranthene
Concen: 11.134 ng
RT: 23.115 min Scan# 3405
Delta R.T. -0.012 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

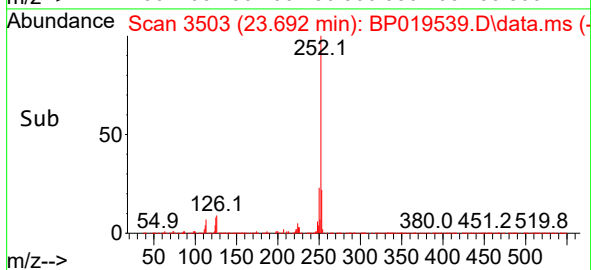
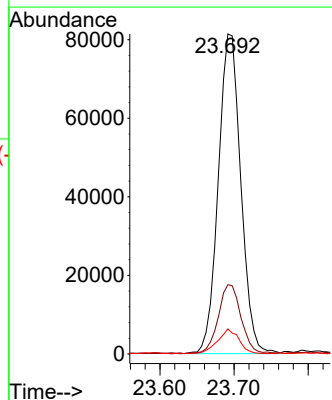
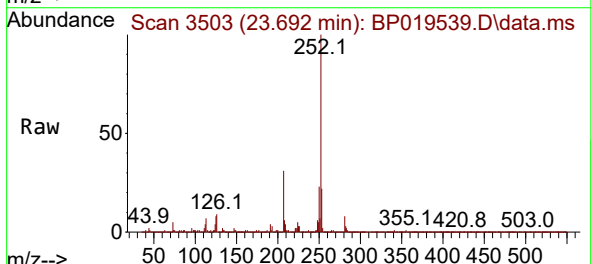
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2023

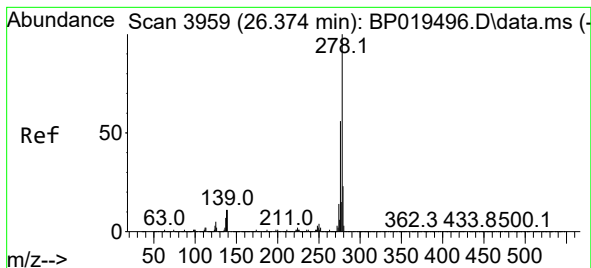
Tgt Ion:252 Resp: 185807
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 6.6 5.0 7.6



#90
Benzo(a)pyrene
Concen: 11.039 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.018 min
Lab File: BP019539.D
Acq: 02 Feb 2024 21:51

Tgt Ion:252 Resp: 171600
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 7.9 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 12.032 ng

RT: 26.350 min Scan# 3955

Delta R.T. -0.024 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2023

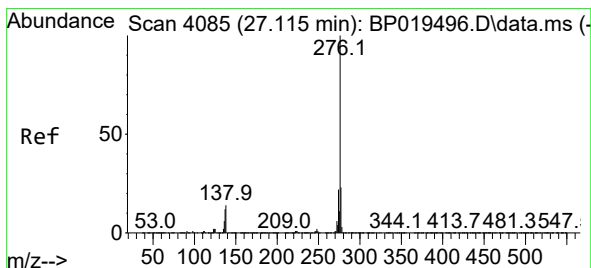
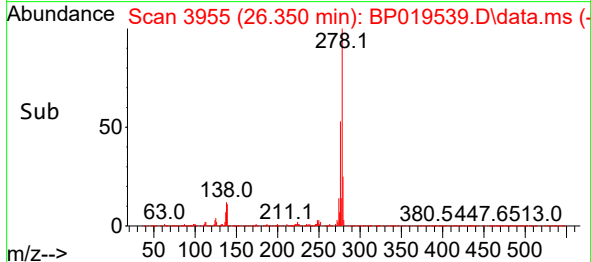
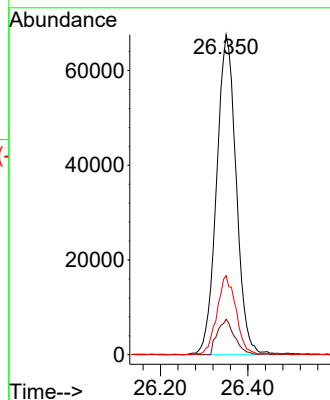
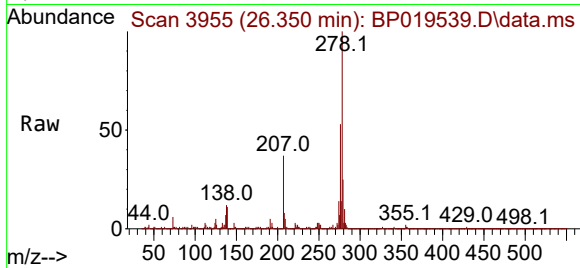
Tgt Ion:278 Resp: 209973

Ion Ratio Lower Upper

278 100

139 11.0 8.6 12.8

279 24.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 11.605 ng

RT: 27.086 min Scan# 4080

Delta R.T. -0.030 min

Lab File: BP019539.D

Acq: 02 Feb 2024 21:51

Tgt Ion:276 Resp: 205460

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 13.2 10.9 16.3

