

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
 Data File : BP019569.D
 Acq On : 06 Feb 2024 12:30
 Operator : MA/JU
 Sample : 04699-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Feb 07 01:36:34 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	90762	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	376344	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	259082	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	552682	20.000	ng	0.00
76) Chrysene-d12	21.386	240	370501	20.000	ng	0.00
86) Perylene-d12	23.803	264	430318	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	532539	94.578	ng	0.00
7) Phenol-d6	7.075	99	734327	96.721	ng	-0.01
23) Nitrobenzene-d5	9.081	82	580748	66.866	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	373541	98.748	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1381597	65.924	ng	-0.01
79) Terphenyl-d14	19.862	244	1745397	77.473	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	16890	7.786	ng	97
3) Pyridine	3.787	79	37051	6.300	ng	89
4) n-Nitrosodimethylamine	3.710	42	17966	7.016	ng	99
6) Aniline	7.240	93	64200	8.703	ng	96
8) 2-Chlorophenol	7.469	128	42254	7.309	ng	98
9) Benzaldehyde	7.057	77	44229	8.309	ng	96
10) Phenol	7.104	94	54548	7.209	ng	96
11) bis(2-Chloroethyl)ether	7.345	93	43636	7.412	ng	98
12) 1,3-Dichlorobenzene	7.792	146	49937	7.060	ng	94
13) 1,4-Dichlorobenzene	7.945	146	49884	6.961	ng	98
14) 1,2-Dichlorobenzene	8.257	146	49212	7.097	ng	95
15) Benzyl Alcohol	8.157	79	44946	7.409	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.445	45	47416	8.054	ng	99
17) 2-Methylphenol	8.351	107	36732	7.210	ng	96
18) Hexachloroethane	8.981	117	19111	6.880	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	40012	7.716	ng	96
20) 3+4-Methylphenols	8.681	107	49155	7.070	ng	98
22) Acetophenone	8.739	105	78108	7.285	ng	# 97
24) Nitrobenzene	9.116	77	61881	7.076	ng	95
25) Isophorone	9.639	82	105828	6.996	ng	99
26) 2-Nitrophenol	9.822	139	20347	6.102	ng	# 91
27) 2,4-Dimethylphenol	9.886	122	34210	8.024	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	61325	7.166	ng	99
29) 2,4-Dichlorophenol	10.357	162	42573	6.606	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	52101	6.593	ng	99
31) Naphthalene	10.757	128	138419	6.706	ng	98
32) Benzoic acid	9.957	122	20388	4.908	ng	90
33) 4-Chloroaniline	10.875	127	57147	7.487	ng	97
34) Hexachlorobutadiene	11.033	225	38429	6.562	ng	97
35) Caprolactam	11.651	113	12353	6.770	ng	98
36) 4-Chloro-3-methylphenol	11.992	107	48396	6.887	ng	96
37) 2-Methylnaphthalene	12.369	142	100045	7.004	ng	99
38) 1-Methylnaphthalene	12.586	142	98083	6.987	ng	97
40) 1,2,4,5-Tetrachloroben...	12.727	216	67992	6.805	ng	99
41) Hexachlorocyclopentadiene	12.704	237	34090	7.552	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	38439	6.353	ng	96

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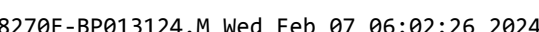
Instrument :
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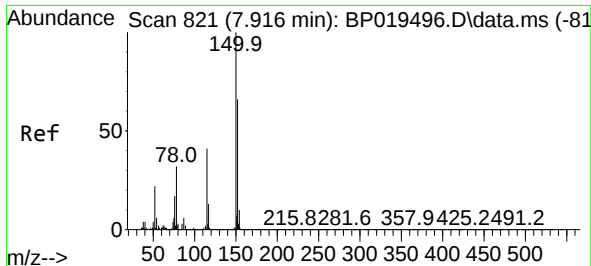
Quant Time: Feb 07 01:36:34 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	41202	6.202	ng	96
46) 1,1'-Biphenyl	13.380	154	144823	7.004	ng	98
47) 2-Chloronaphthalene	13.416	162	112826	6.647	ng	98
48) 2-Nitroaniline	13.627	65	29618	6.240	ng	97
49) Acenaphthylene	14.263	152	173652	7.292	ng	100
50) Dimethylphthalate	14.010	163	139484	7.033	ng	100
51) 2,6-Dinitrotoluene	14.127	165	28587	6.560	ng	97
52) Acenaphthene	14.604	154	101262	6.851	ng	99
53) 3-Nitroaniline	14.457	138	26186	6.539	ng	89
54) 2,4-Dinitrophenol	14.663	184	11934	5.275	ng	89
55) Dibenzofuran	14.939	168	172185	7.153	ng	99
56) 4-Nitrophenol	14.757	139	18396	5.605	ng	99
57) 2,4-Dinitrotoluene	14.910	165	35265	6.176	ng	# 94
58) Fluorene	15.592	166	134704	7.025	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	38648	6.916	ng	98
60) Diethylphthalate	15.374	149	133207	6.752	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	76086	7.060	ng	95
62) 4-Nitroaniline	15.616	138	25184	6.000	ng	98
63) Azobenzene	15.886	77	131878	6.913	ng	97
65) 4,6-Dinitro-2-methylph...	15.669	198	16545	5.250	ng	97
66) n-Nitrosodiphenylamine	15.810	169	114142	6.896	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	44967	6.508	ng	95
68) Hexachlorobenzene	16.586	284	53529	6.634	ng	97
69) Atrazine	16.768	200	40545	7.382	ng	92
70) Pentachlorophenol	16.939	266	25623	5.100	ng	99
71) Phenanthrene	17.339	178	207143	7.122	ng	99
72) Anthracene	17.427	178	200204	6.900	ng	100
73) Carbazole	17.704	167	163622	6.208	ng	99
74) Di-n-butylphthalate	18.268	149	177237	5.561	ng	99
75) Fluoranthene	19.304	202	210612	5.927	ng	99
77) Benzidine	19.498	184	72940	9.417	ng	98
78) Pyrene	19.657	202	210072	8.034	ng	99
80) Butylbenzylphthalate	20.551	149	51664	5.291	ng	99
81) Benzo(a)anthracene	21.374	228	174496	6.691	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	60241	6.339	ng	98
83) Chrysene	21.421	228	161803	6.535	ng	97
84) Bis(2-ethylhexyl)phtha...	21.321	149	68613	4.614	ng	100
85) Di-n-octyl phthalate	22.262	149	109020	4.167	ng	99
87) Indeno(1,2,3-cd)pyrene	26.315	276	226761	6.884	ng	99
88) Benzo(b)fluoranthene	23.062	252	174550	6.436	ng	97
89) Benzo(k)fluoranthene	23.115	252	159795	6.168	ng	99
90) Benzo(a)pyrene	23.692	252	151532	6.279	ng	99
91) Dibenzo(a,h)anthracene	26.356	278	186863	6.898	ng	97
92) Benzo(g,h,i)perylene	27.091	276	182419	6.637	ng	97

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

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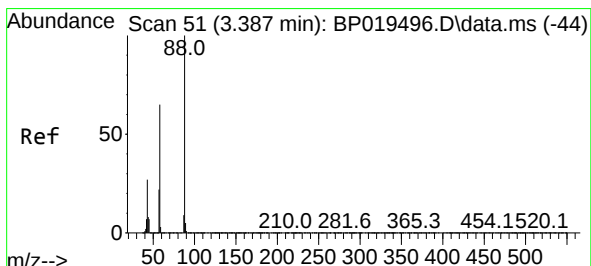
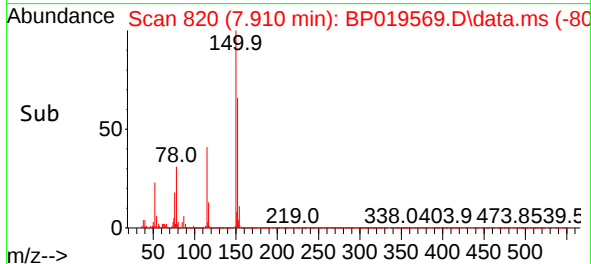
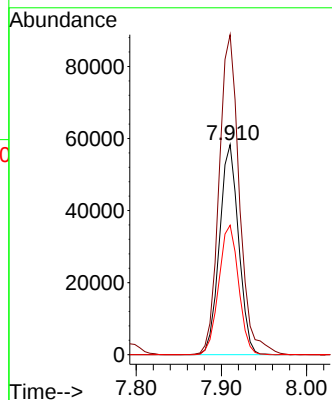
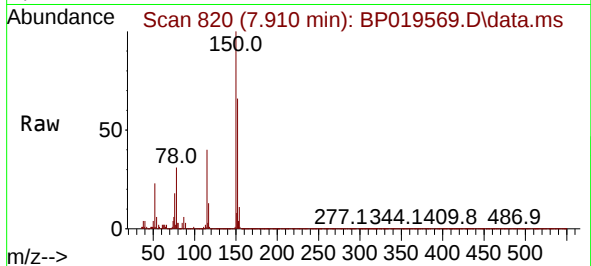




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

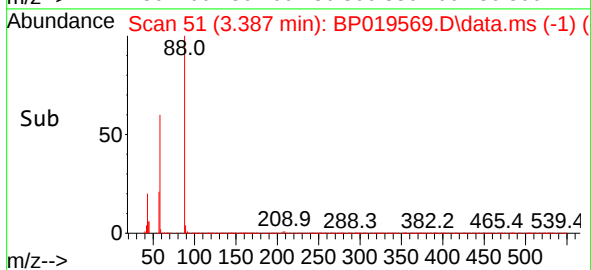
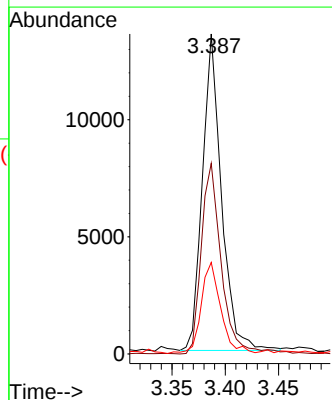
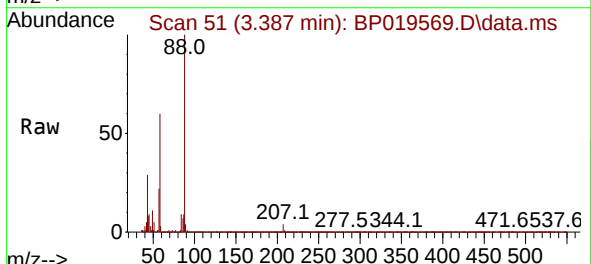
Instrument :
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MDL-WATER-03-QT4-2023

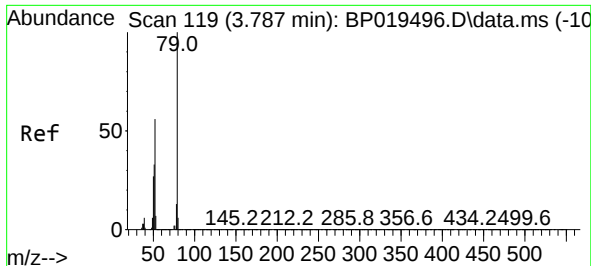
Tgt Ion:152 Resp: 90762
Ion Ratio Lower Upper
152 100
150 152.4 121.8 182.8
115 61.7 49.9 74.9



#2
1,4-Dioxane
Concen: 7.786 ng
RT: 3.387 min Scan# 51
Delta R.T. -0.000 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion: 88 Resp: 16890
Ion Ratio Lower Upper
88 100
58 63.6 52.6 78.8
43 29.4 21.9 32.9





#3

Pyridine

Concen: 6.300 ng

RT: 3.787 min Scan# 119

Delta R.T. -0.000 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

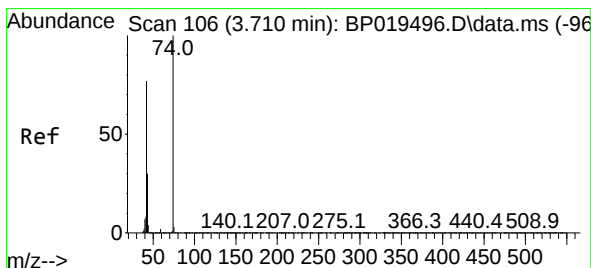
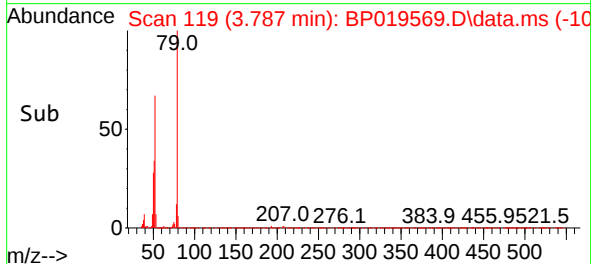
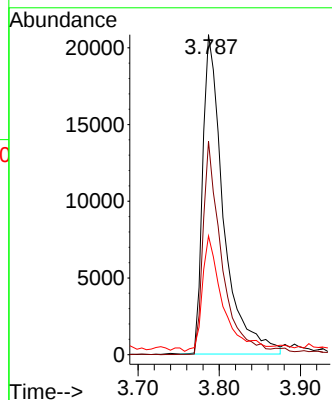
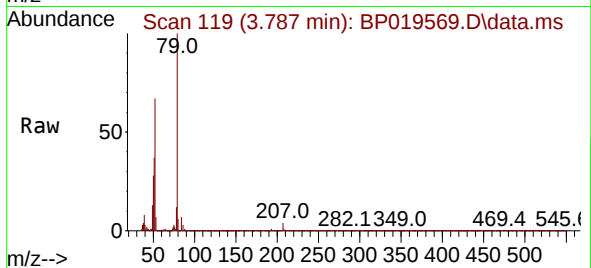
Tgt Ion: 79 Resp: 37051

Ion Ratio Lower Upper

79 100

52 66.7 45.0 67.6

51 37.1 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 7.016 ng

RT: 3.710 min Scan# 106

Delta R.T. -0.000 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

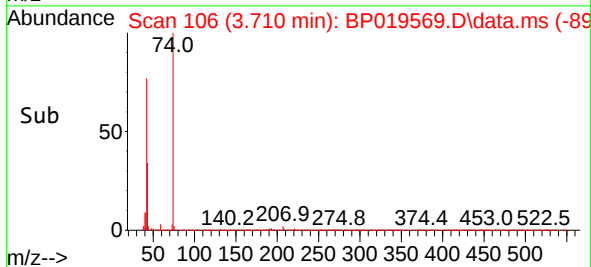
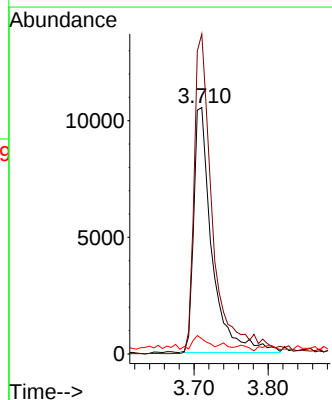
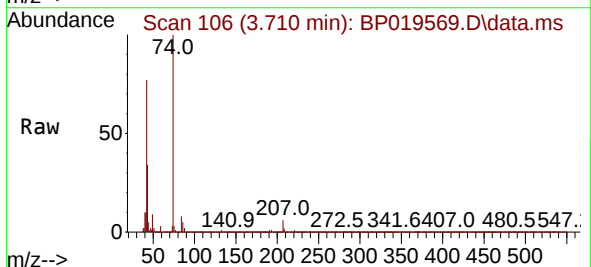
Tgt Ion: 42 Resp: 17966

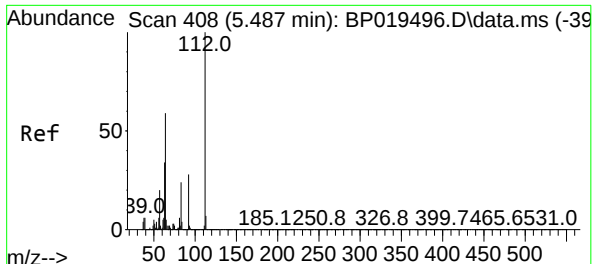
Ion Ratio Lower Upper

42 100

74 129.9 103.4 155.2

44 6.1 4.8 7.2

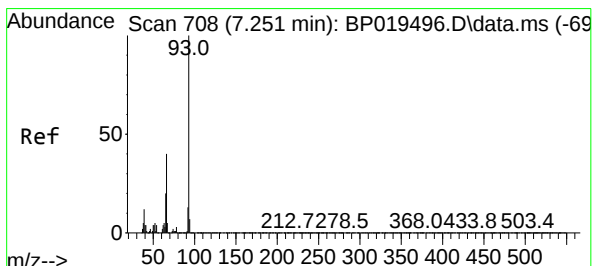
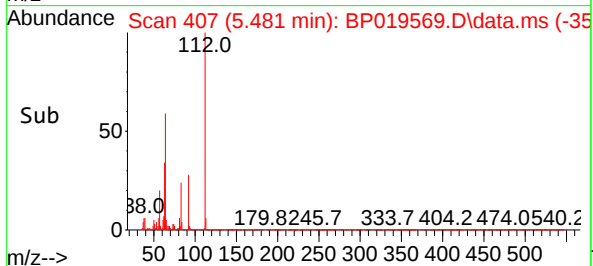
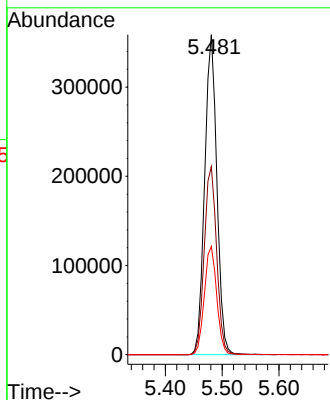
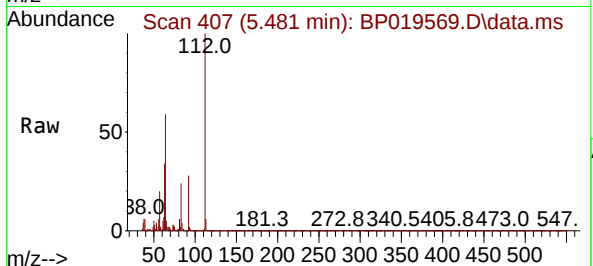




#5
2-Fluorophenol
Concen: 94.578 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

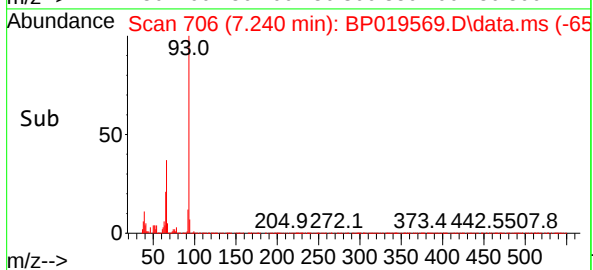
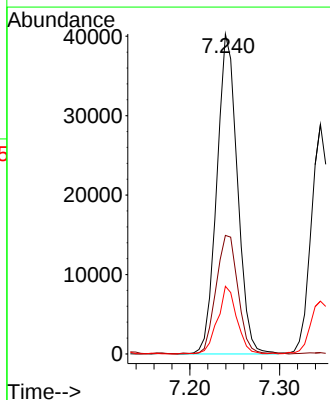
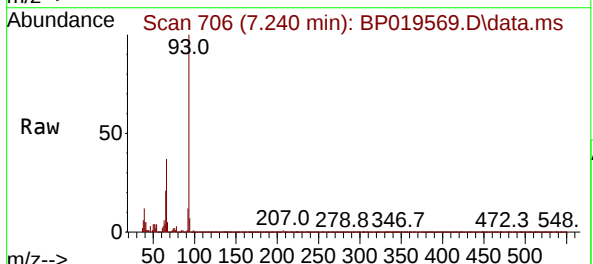
Instrument :
BNA_P
ClientSampleId :
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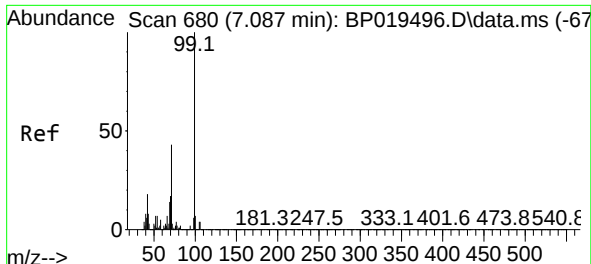
Tgt Ion:112 Resp: 532539
Ion Ratio Lower Upper
112 100
64 58.7 47.4 71.0
63 33.8 27.0 40.6



#6
Aniline
Concen: 8.703 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion: 93 Resp: 64200
Ion Ratio Lower Upper
93 100
66 37.1 32.3 48.5
65 21.1 16.4 24.6

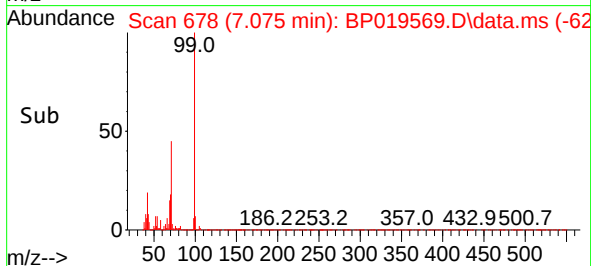
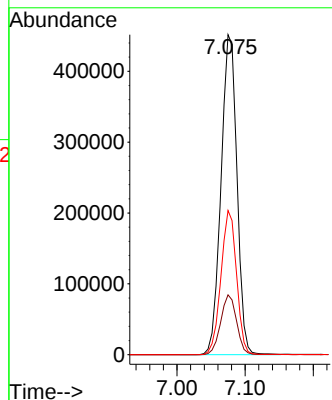
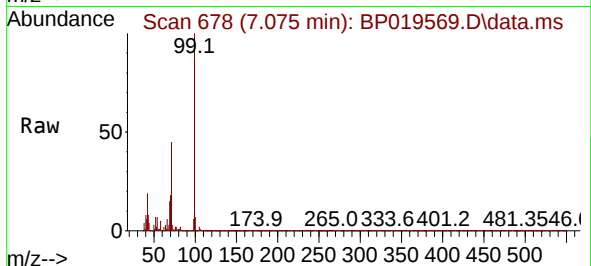




#7
Phenol-d6
Concen: 96.721 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

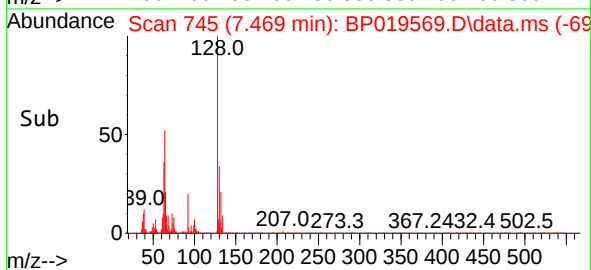
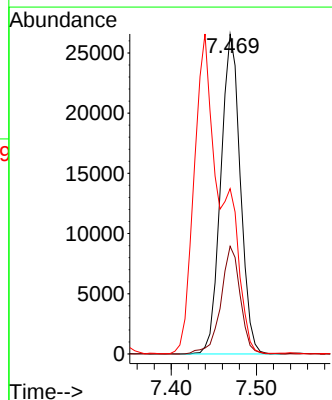
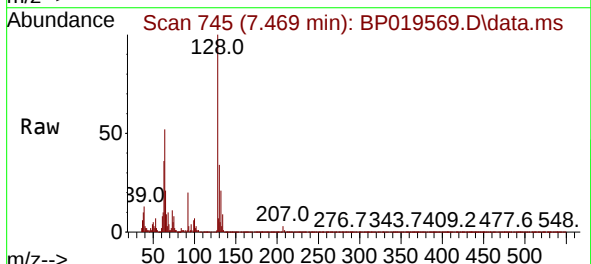
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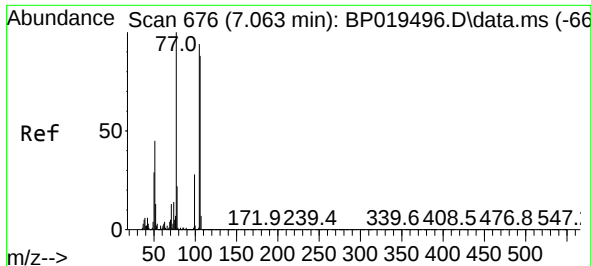
Tgt Ion: 99 Resp: 734327
Ion Ratio Lower Upper
99 100
42 18.7 14.7 22.1
71 45.0 34.8 52.2



#8
2-Chlorophenol
Concen: 7.309 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion: 128 Resp: 42254
Ion Ratio Lower Upper
128 100
130 33.7 13.3 53.3
64 51.7 29.7 69.7

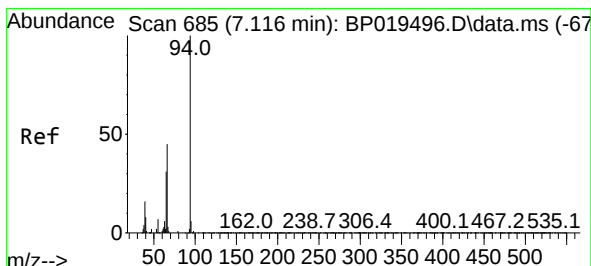
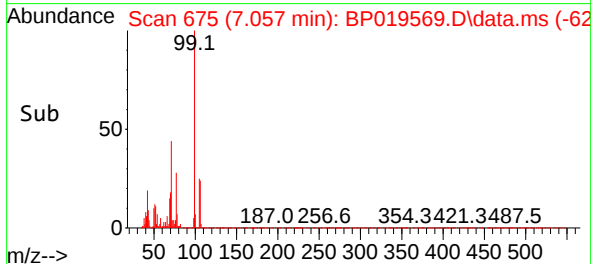
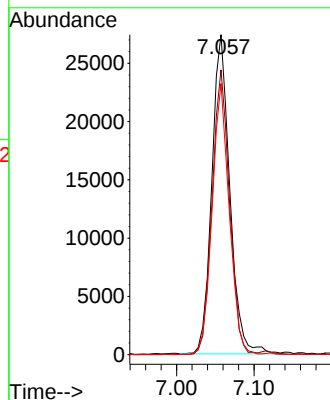
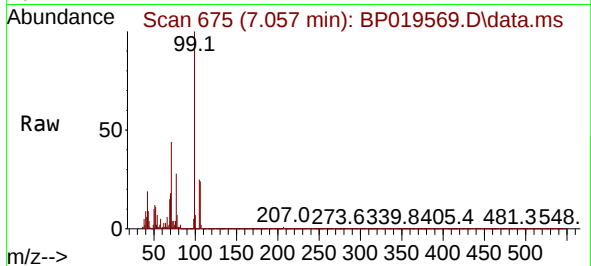




#9
Benzaldehyde
Concen: 8.309 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

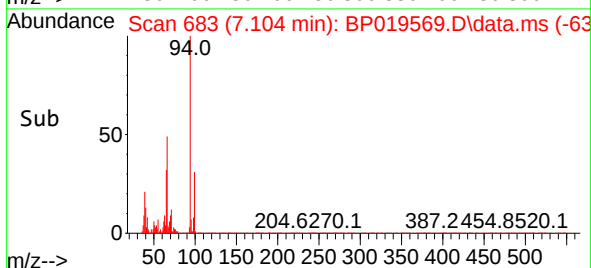
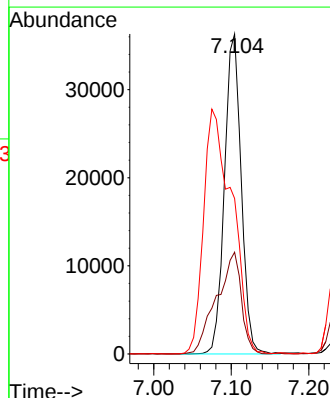
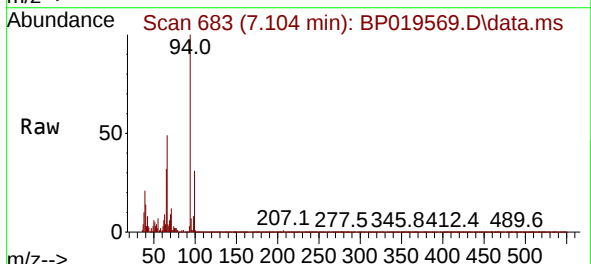
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ClientSampleId :
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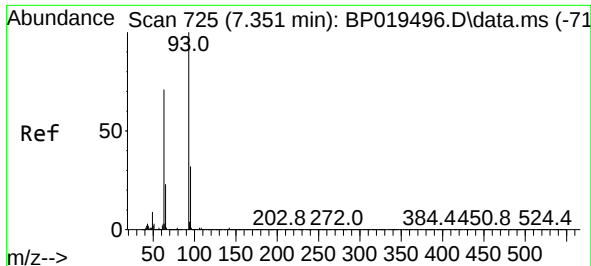
Tgt Ion: 77 Resp: 44229
Ion Ratio Lower Upper
77 100
105 89.0 74.0 114.0
106 84.7 67.8 107.8



#10
Phenol
Concen: 7.209 ng
RT: 7.104 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion: 94 Resp: 54548
Ion Ratio Lower Upper
94 100
65 31.8 11.3 51.3
66 48.6 25.1 65.1

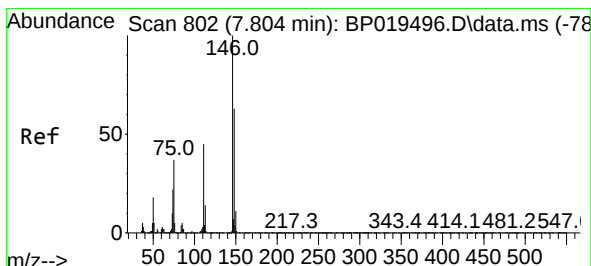
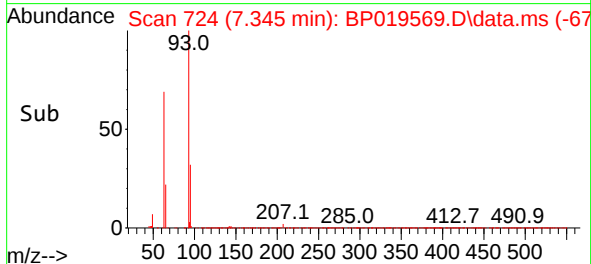
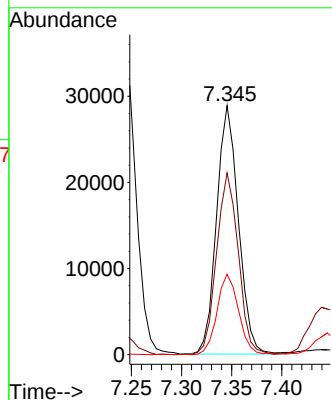
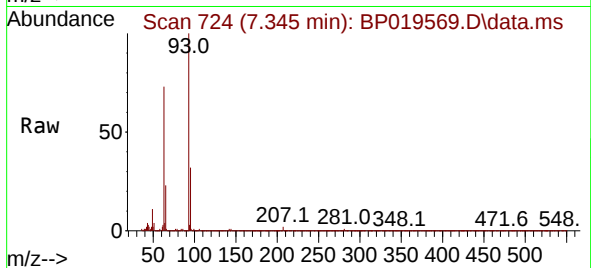




#11
bis(2-Chloroethyl)ether
Concen: 7.412 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

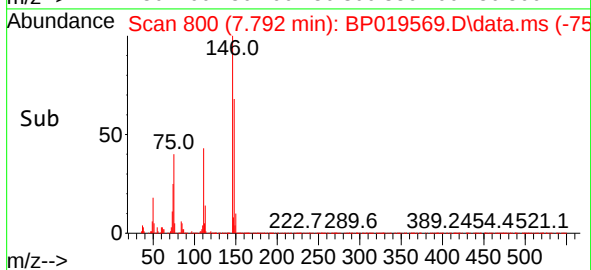
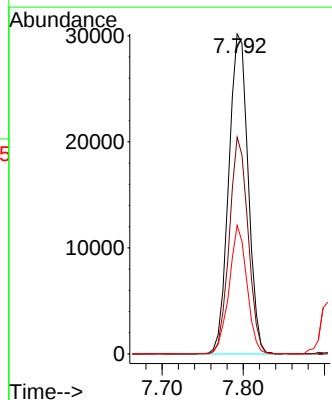
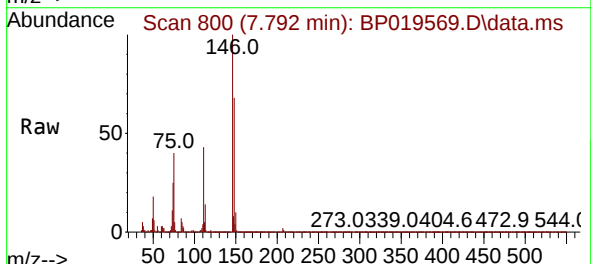
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 93 Resp: 43636
Ion Ratio Lower Upper
93 100
63 73.0 51.2 91.2
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 7.060 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion: 146 Resp: 49937
Ion Ratio Lower Upper
146 100
148 67.7 50.4 75.6
75 40.2 29.9 44.9

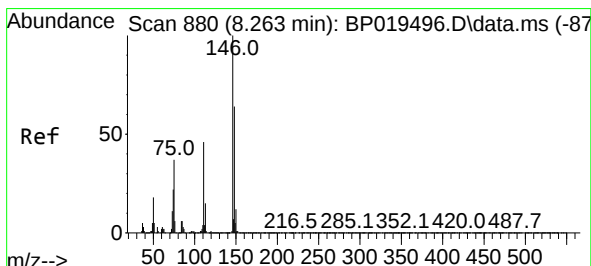
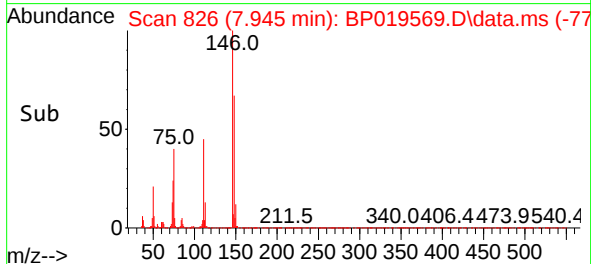
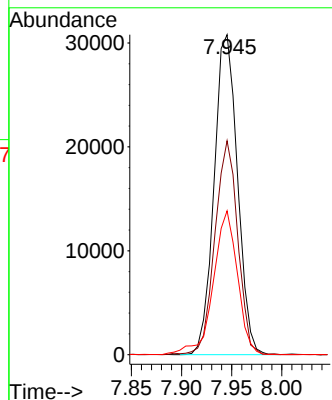
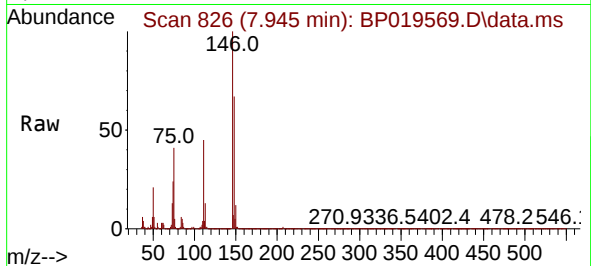




#13
1,4-Dichlorobenzene
Concen: 6.961 ng
RT: 7.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

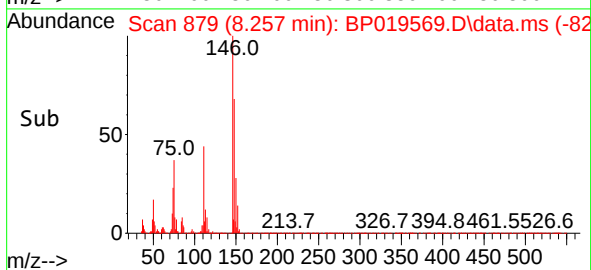
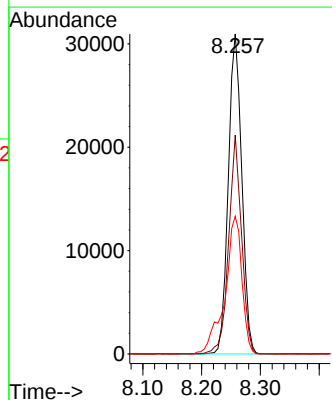
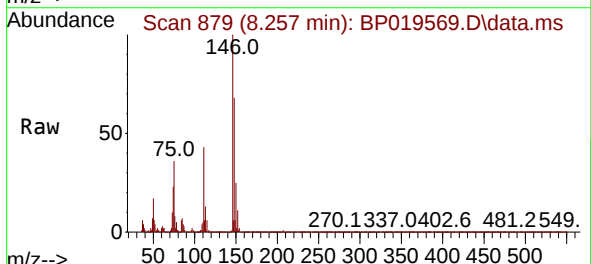
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

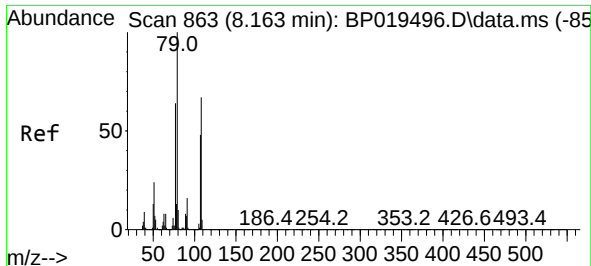
Tgt Ion:146 Resp: 49884
Ion Ratio Lower Upper
146 100
148 66.8 51.9 77.9
111 45.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 7.097 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:146 Resp: 49212
Ion Ratio Lower Upper
146 100
148 68.4 51.4 77.0
111 43.1 37.0 55.6

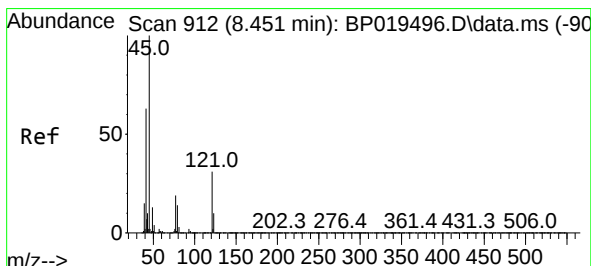
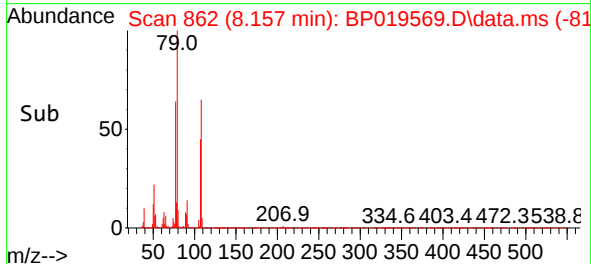
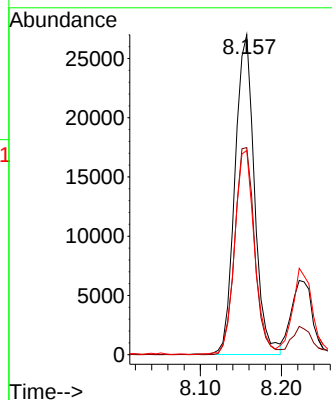
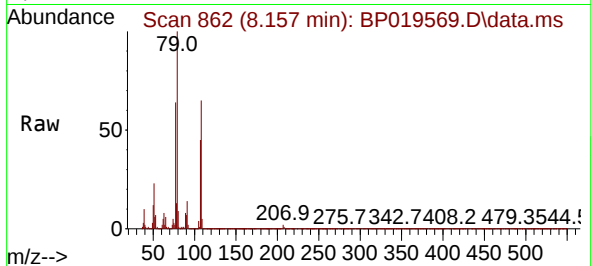




#15
Benzyl Alcohol
Concen: 7.409 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

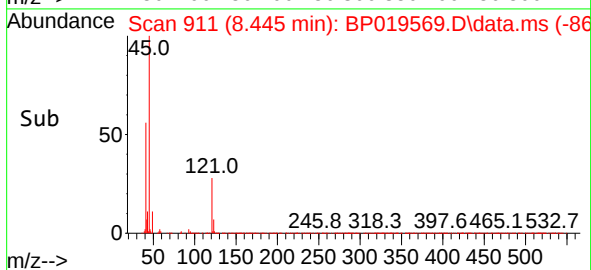
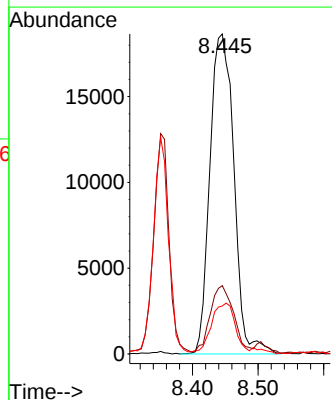
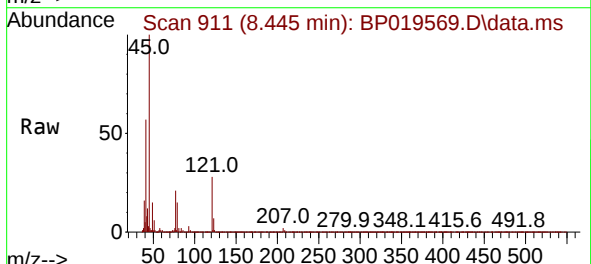
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

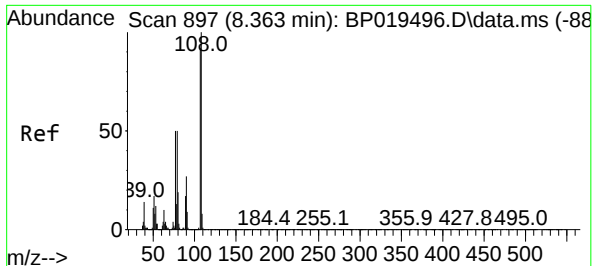
Tgt Ion: 79 Resp: 44946
Ion Ratio Lower Upper
79 100
108 64.7 53.8 80.6
77 63.8 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.054 ng
RT: 8.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion: 45 Resp: 47416
Ion Ratio Lower Upper
45 100
77 21.3 0.8 40.8
79 15.0 0.0 35.5

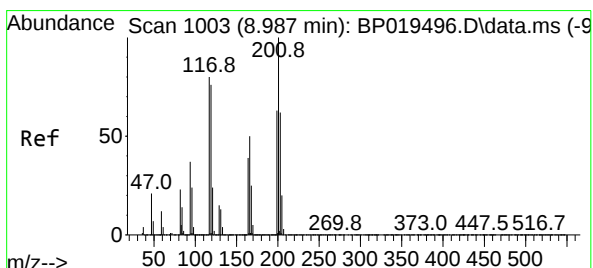
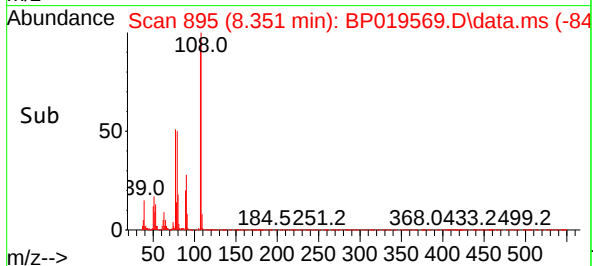
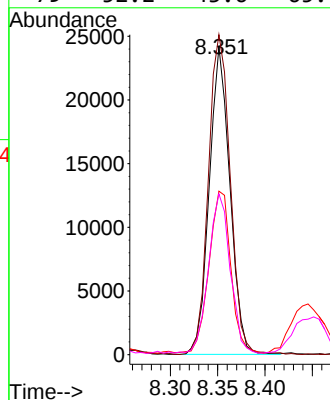
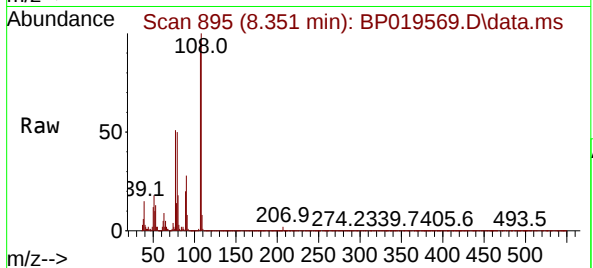




#17
2-Methylphenol
Concen: 7.210 ng
RT: 8.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

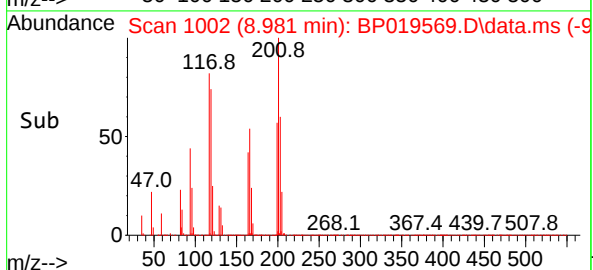
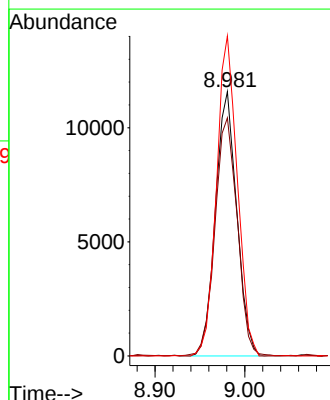
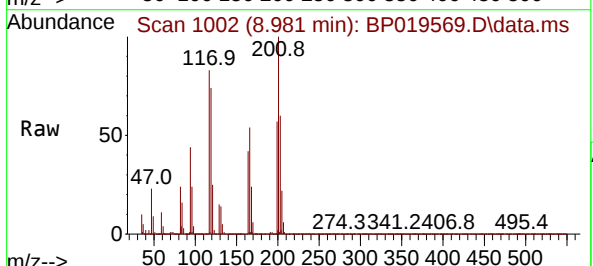
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

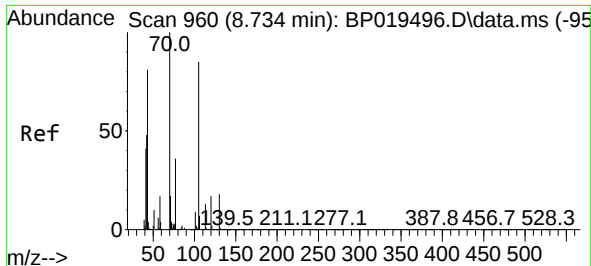
Tgt Ion:	107	Resp:	36732
Ion	Ratio	Lower	Upper
107	100		
108	103.9	87.0	130.6
77	53.1	43.5	65.3
79	52.2	43.6	65.4



#18
Hexachloroethane
Concen: 6.880 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:	117	Resp:	19111
Ion	Ratio	Lower	Upper
117	100		
119	90.1	75.5	113.3
201	121.1	99.4	149.2

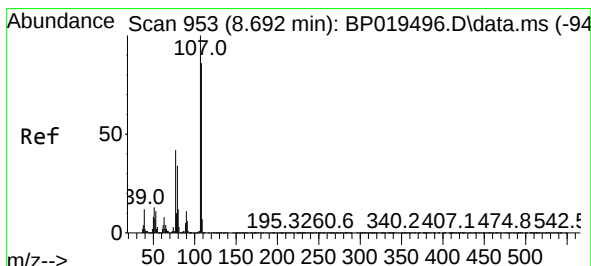
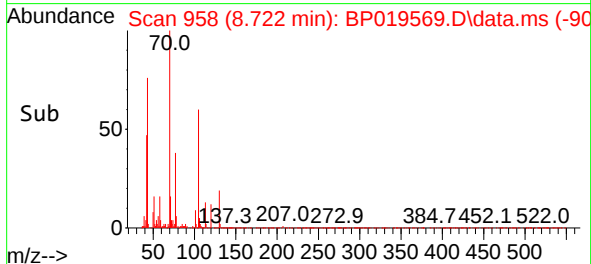
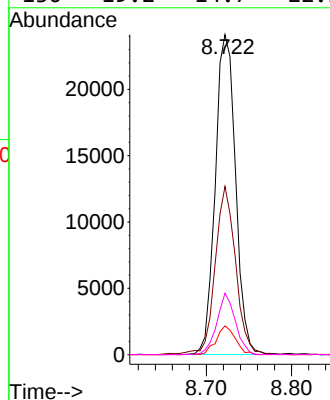
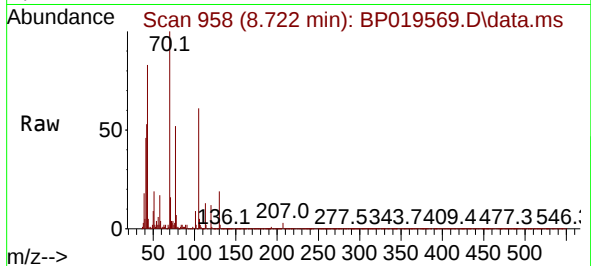




#19
n-Nitroso-di-n-propylamine
Concen: 7.716 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

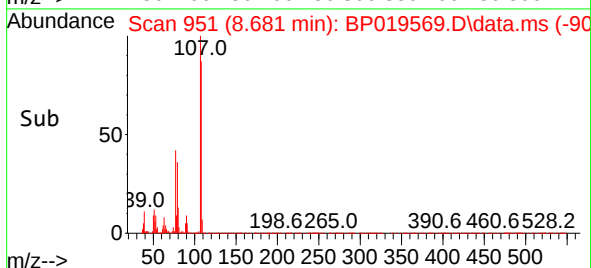
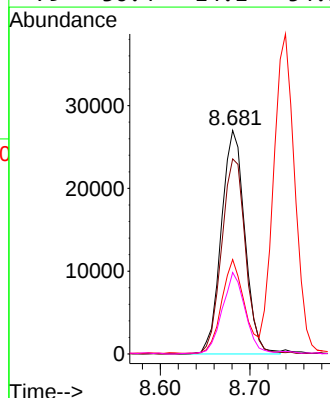
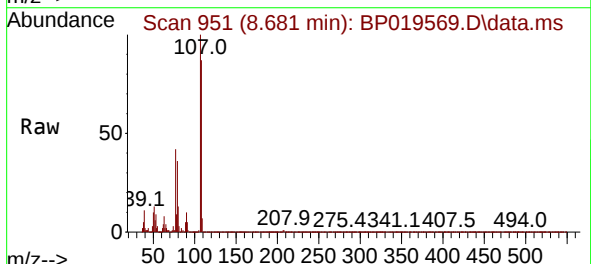
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 70	Resp:	40012
Ion	Ratio	Lower Upper
70	100	
42	52.5	39.2 58.8
101	9.0	7.3 10.9
130	19.2	14.7 22.1



#20
3+4-Methylphenols
Concen: 7.070 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion: 107	Resp:	49155
Ion	Ratio	Lower Upper
107	100	
108	87.2	65.5 105.5
77	42.3	21.8 61.8
79	36.4	14.1 54.1

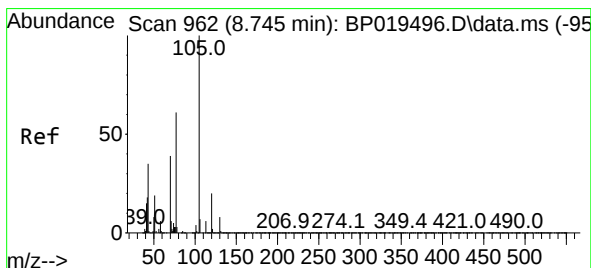
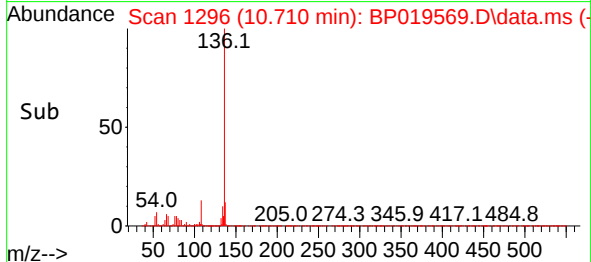
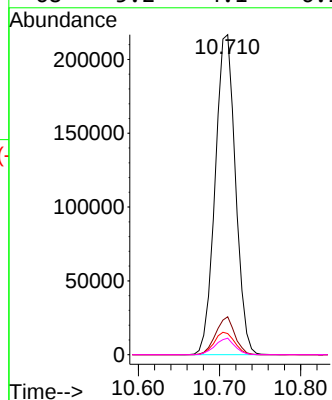
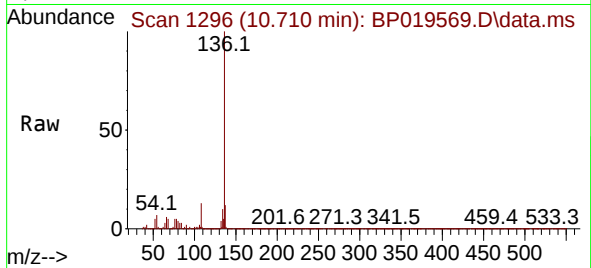




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

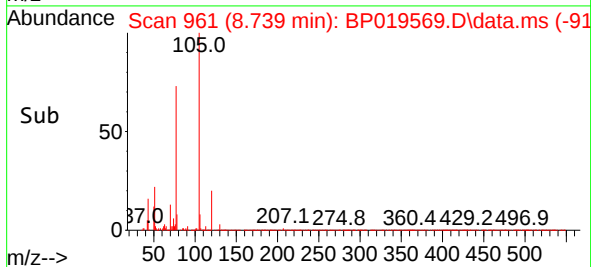
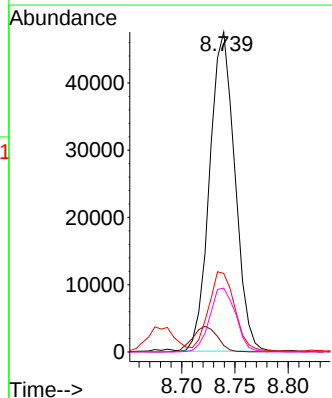
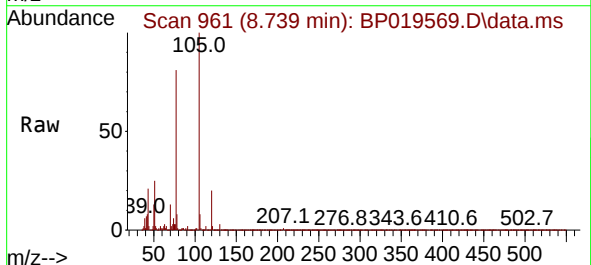
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:	136	Resp:	376344
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	6.6	5.3	7.9
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 7.285 ng
RT: 8.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:	105	Resp:	78108
Ion	Ratio	Lower	Upper
105	100		
71	2.1	4.9	7.3
51	24.6	20.7	31.1
120	20.0	15.8	23.8

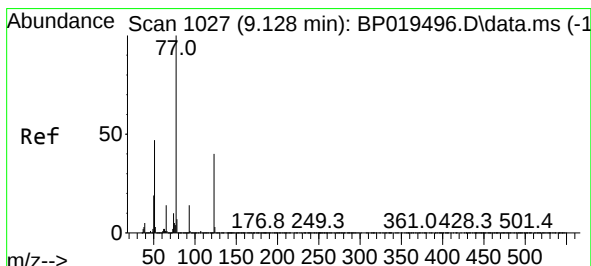
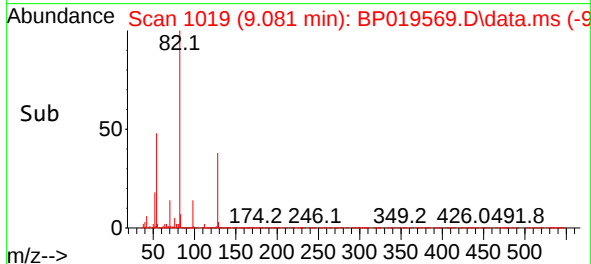
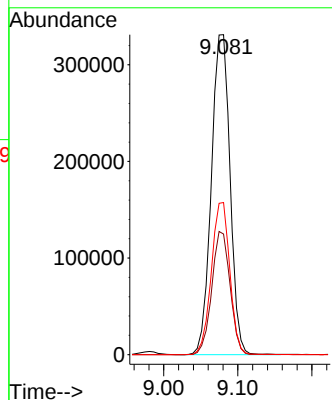
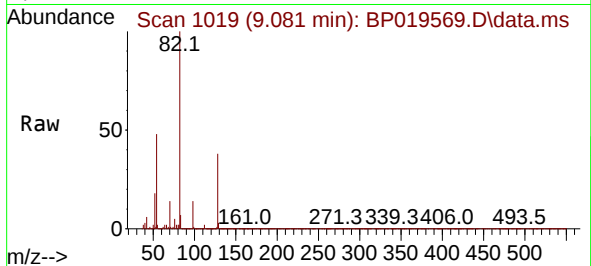




#23
Nitrobenzene-d5
Concen: 66.866 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

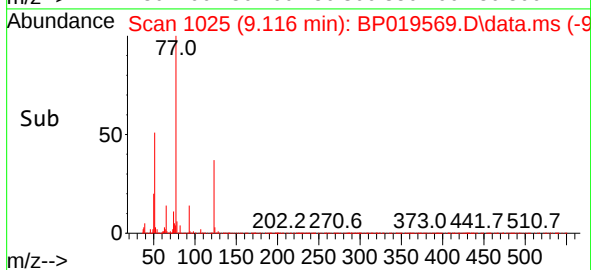
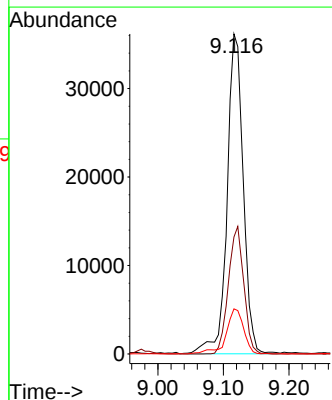
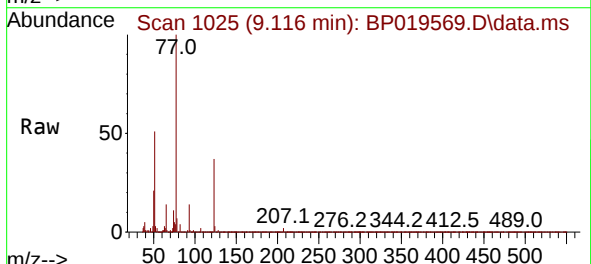
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

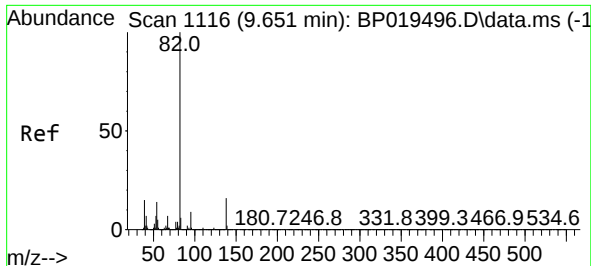
Tgt Ion: 82 Resp: 580748
Ion Ratio Lower Upper
82 100
128 37.7 29.7 44.5
54 47.6 36.8 55.2



#24
Nitrobenzene
Concen: 7.076 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion: 77 Resp: 61881
Ion Ratio Lower Upper
77 100
123 36.6 32.3 48.5
65 14.1 11.6 17.4





#25

Isophorone

Concen: 6.996 ng

RT: 9.639 min Scan# 1114

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

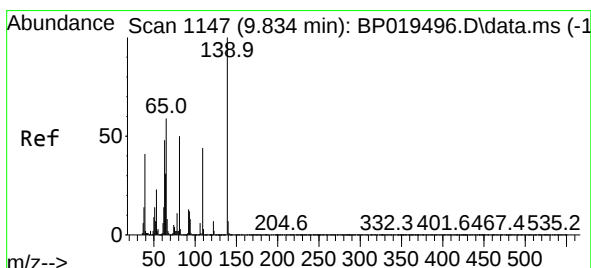
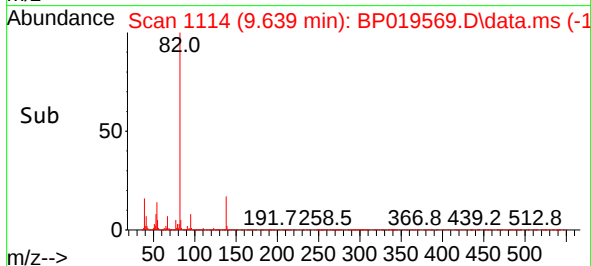
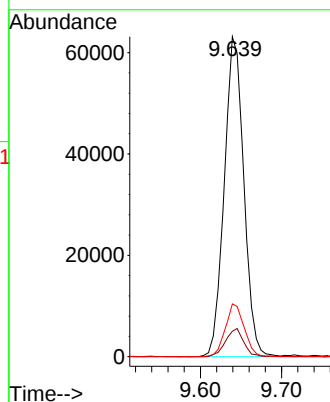
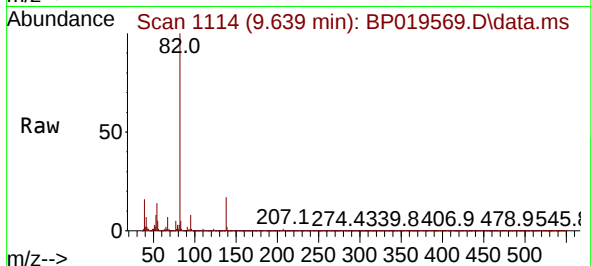
Tgt Ion: 82 Resp: 105828

Ion Ratio Lower Upper

82 100

95 8.0 7.0 10.4

138 16.5 13.1 19.7



#26

2-Nitrophenol

Concen: 6.102 ng

RT: 9.822 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

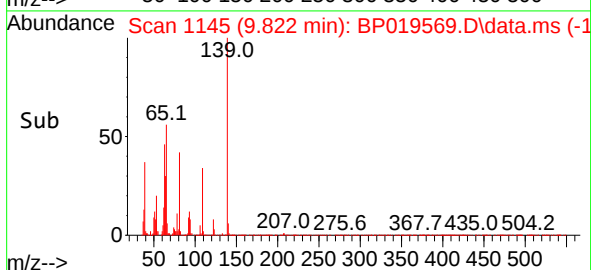
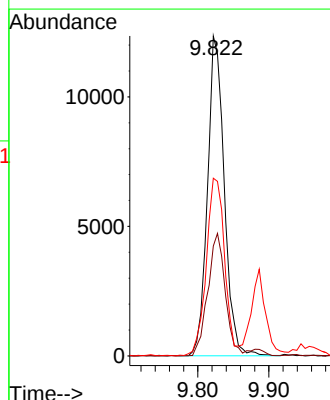
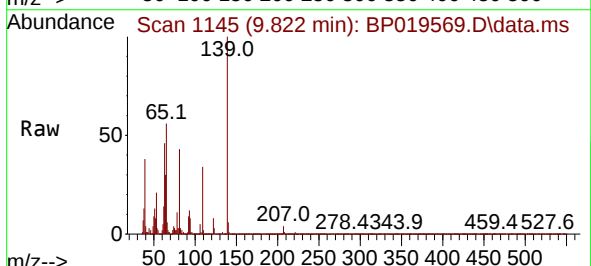
Tgt Ion: 139 Resp: 20347

Ion Ratio Lower Upper

139 100

109 34.4 34.9 52.3#

65 55.5 47.5 71.3

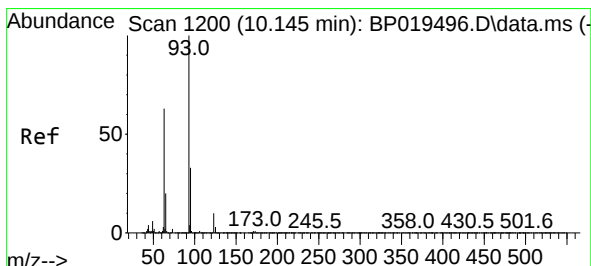
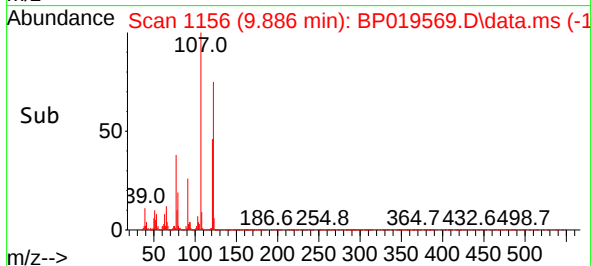
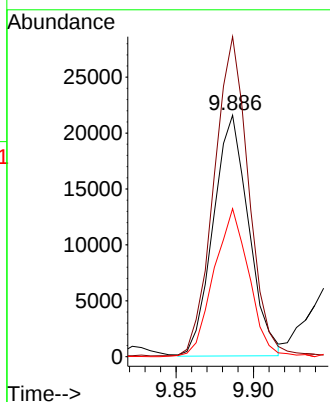
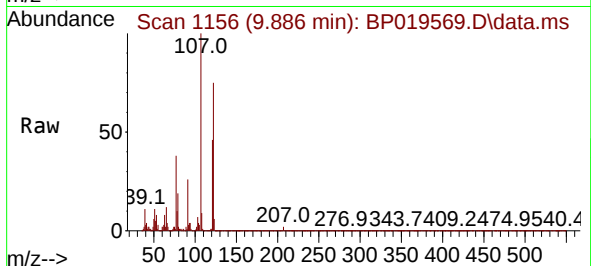




#27
2,4-Dimethylphenol
Concen: 8.024 ng
RT: 9.886 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

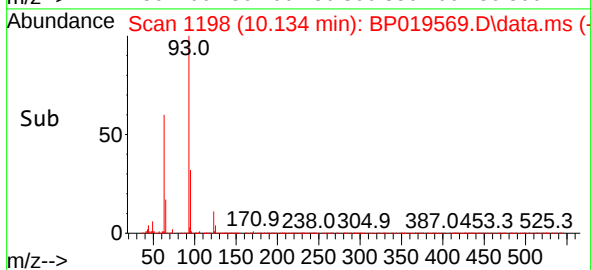
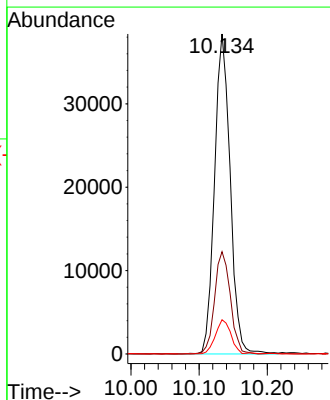
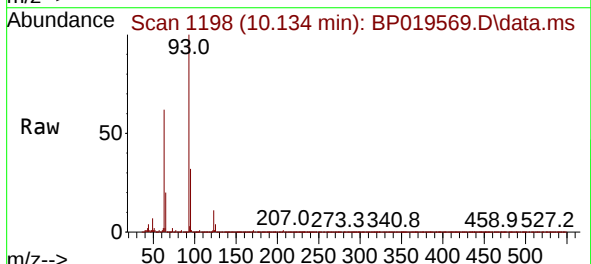
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

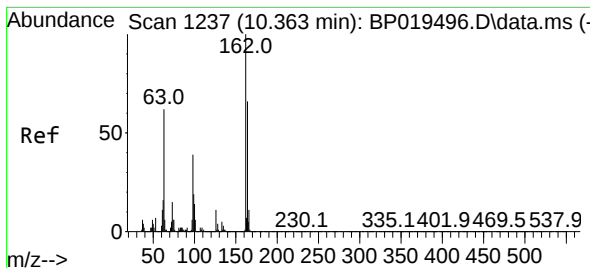
Tgt Ion:122 Resp: 34210
Ion Ratio Lower Upper
122 100
107 132.5 105.9 158.9
121 61.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 7.166 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion: 93 Resp: 61325
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.4
123 10.7 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 6.606 ng

RT: 10.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

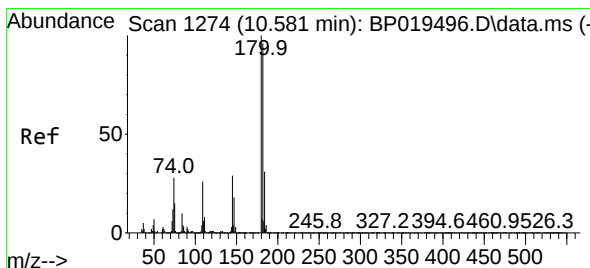
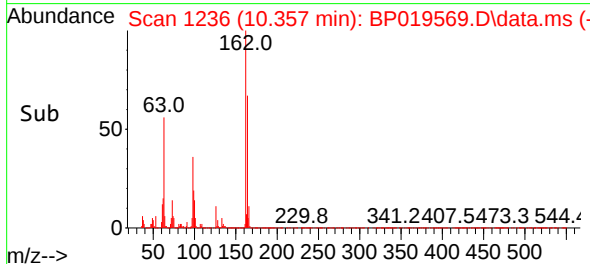
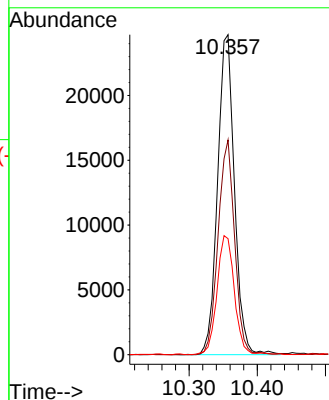
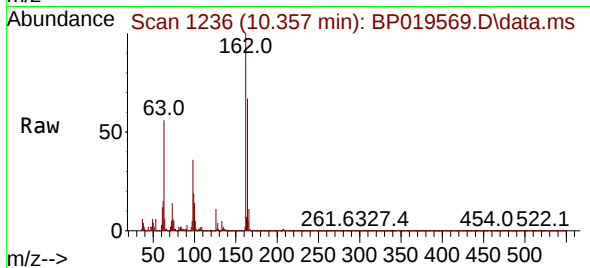
Tgt Ion:162 Resp: 42573

Ion Ratio Lower Upper

162 100

164 67.1 46.0 86.0

98 36.3 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 6.593 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

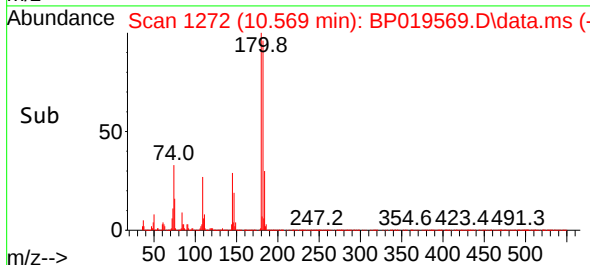
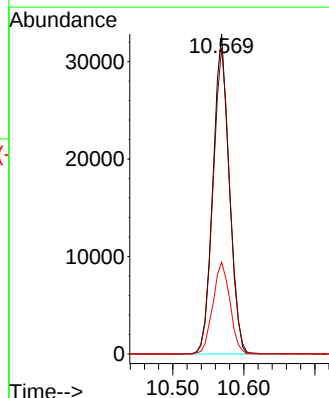
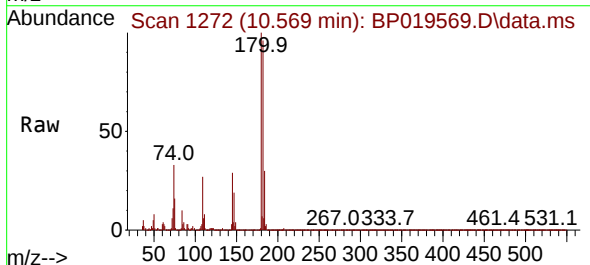
Tgt Ion:180 Resp: 52101

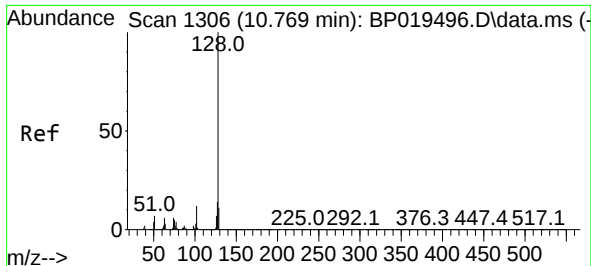
Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.6

145 28.7 23.2 34.8

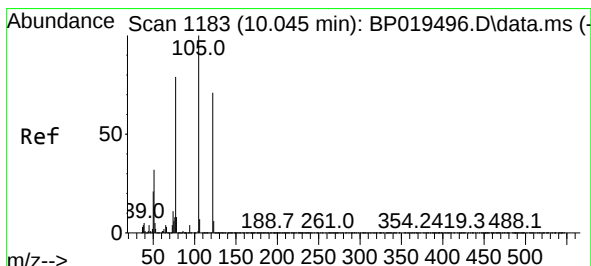
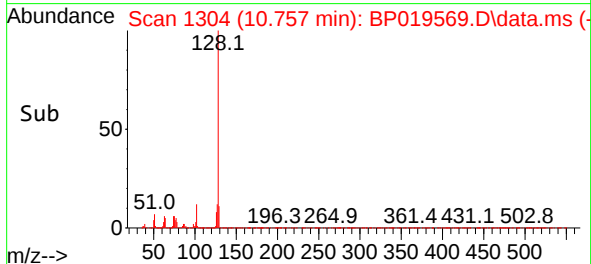
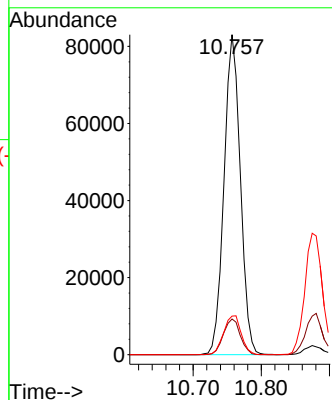
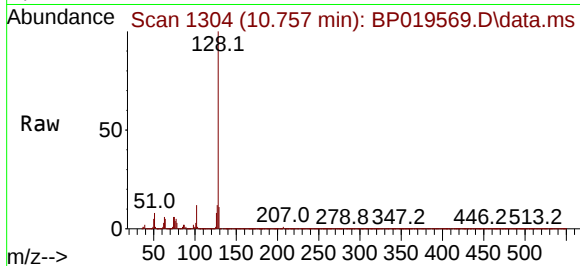




#31
Naphthalene
Concen: 6.706 ng
RT: 10.757 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

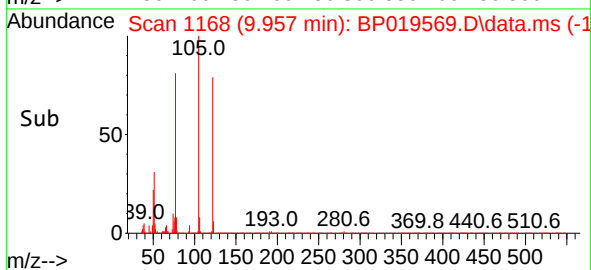
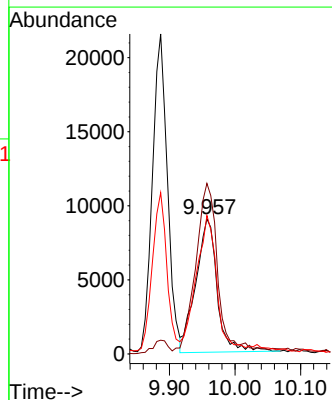
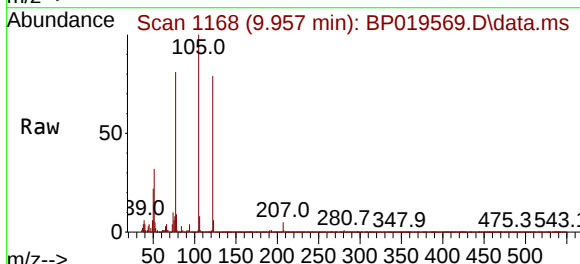
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

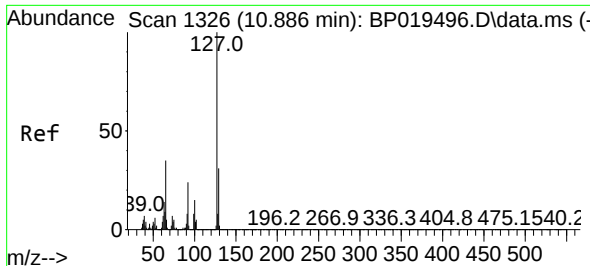
Tgt Ion:128 Resp: 138419
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.1 10.8 16.2



#32
Benzoic acid
Concen: 4.908 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.088 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:122 Resp: 20388
Ion Ratio Lower Upper
122 100
105 126.3 118.8 158.8
77 102.5 91.7 131.7

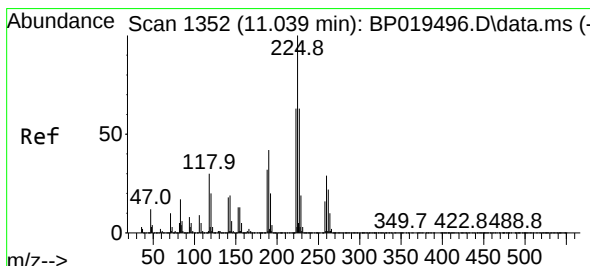
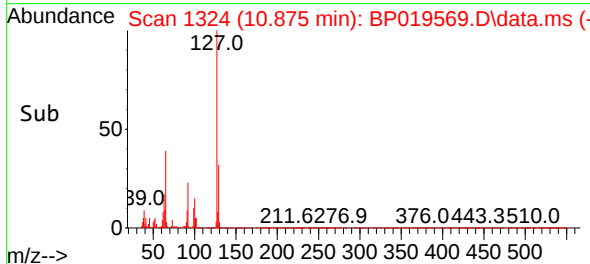
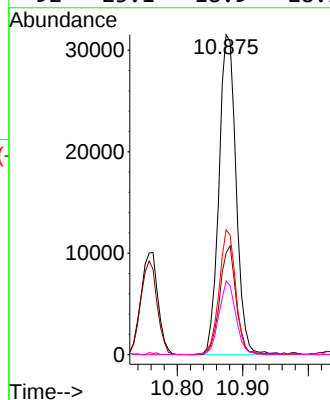
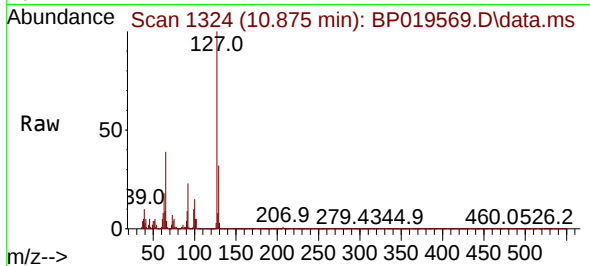




#33
4-Chloroaniline
Concen: 7.487 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

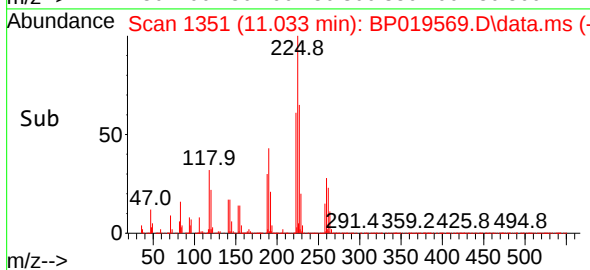
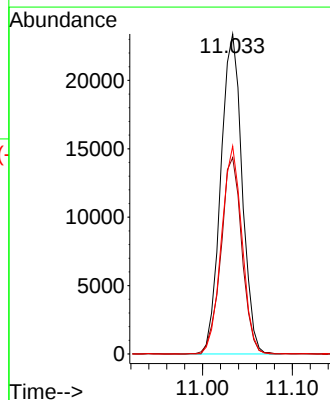
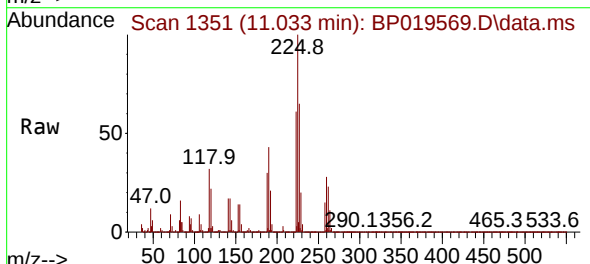
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

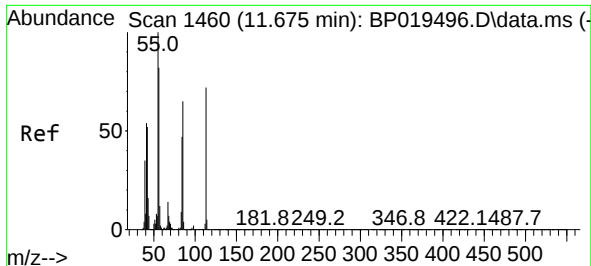
Tgt Ion:	127	Resp:	57147
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.6	36.8
65	39.0	28.2	42.4
92	23.1	18.9	28.3



#34
Hexachlorobutadiene
Concen: 6.562 ng
RT: 11.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:	225	Resp:	38429
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.5	75.7
227	65.0	50.2	75.2

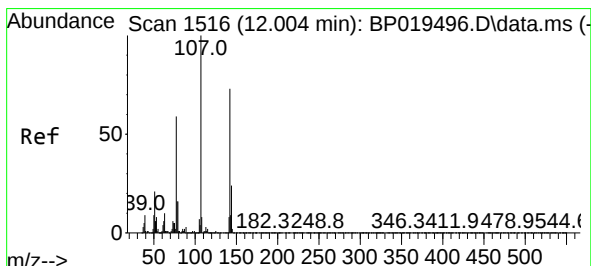
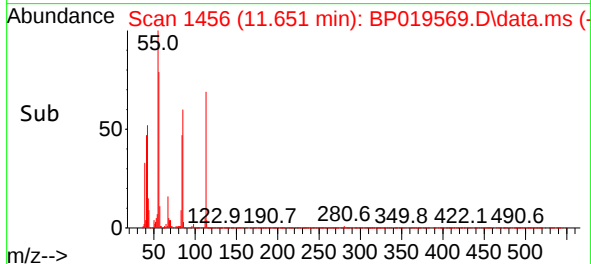
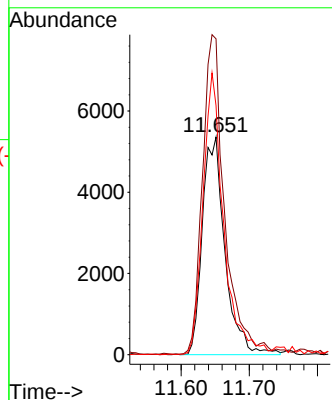
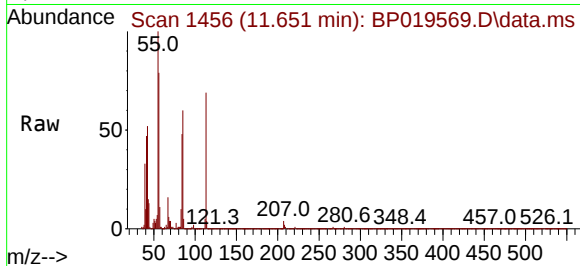




#35
Caprolactam
Concen: 6.770 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.024 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

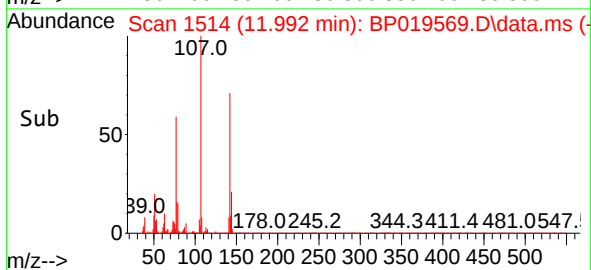
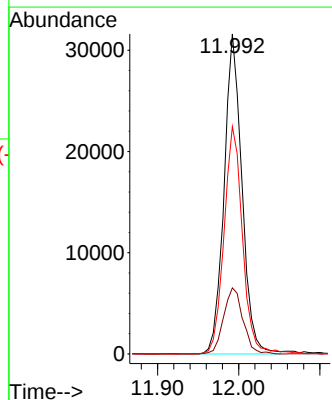
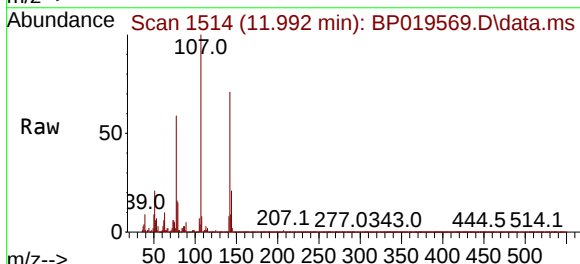
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

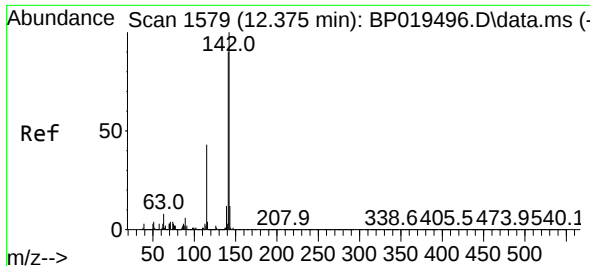
Tgt Ion:	113	Resp:	12353
Ion	Ratio	Lower	Upper
113	100		
55	145.1	120.0	160.0
56	114.4	94.0	134.0



#36
4-Chloro-3-methylphenol
Concen: 6.887 ng
RT: 11.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:	107	Resp:	48396
Ion	Ratio	Lower	Upper
107	100		
144	20.6	19.0	28.4
142	71.0	58.6	88.0

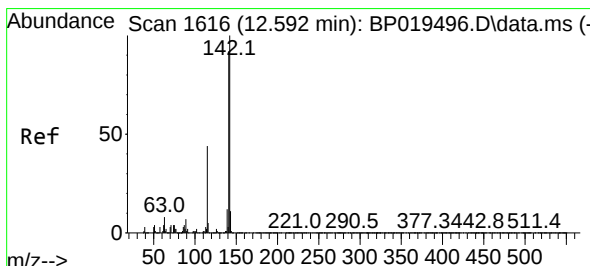
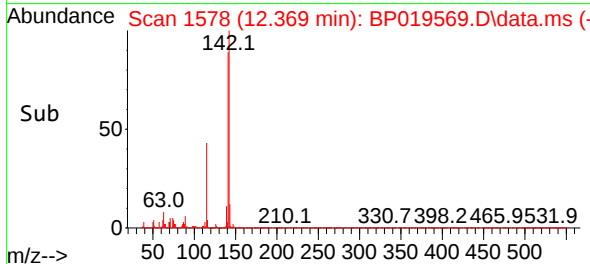
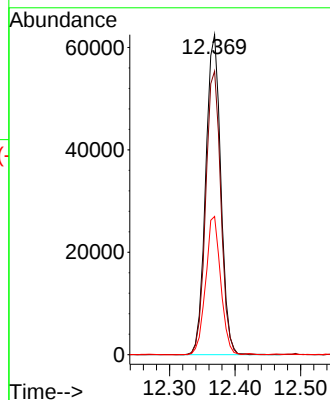
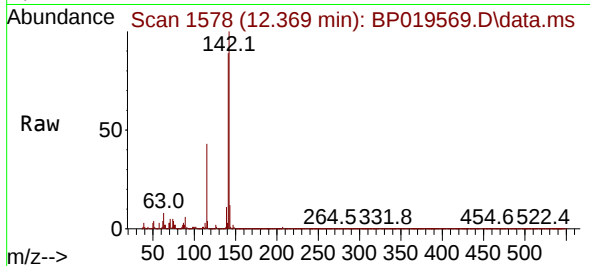




#37
2-Methylnaphthalene
Concen: 7.004 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

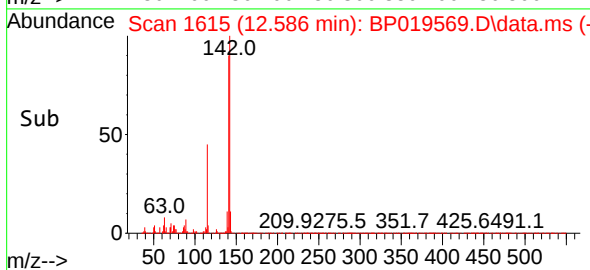
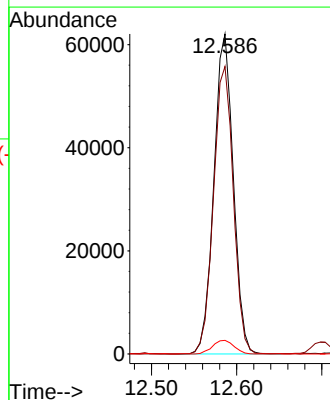
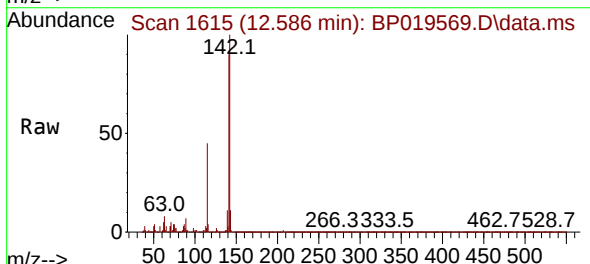
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

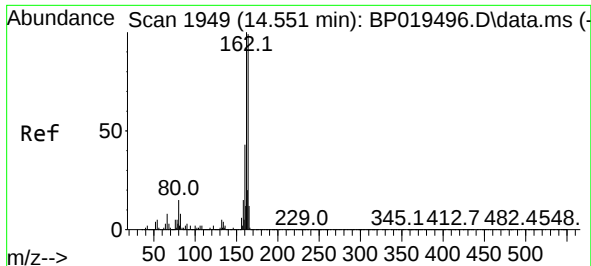
Tgt Ion:142 Resp: 100045
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.4
115 43.2 34.2 51.2



#38
1-Methylnaphthalene
Concen: 6.987 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:142 Resp: 98083
Ion Ratio Lower Upper
142 100
141 89.8 74.0 111.0
116 4.2 3.7 5.5

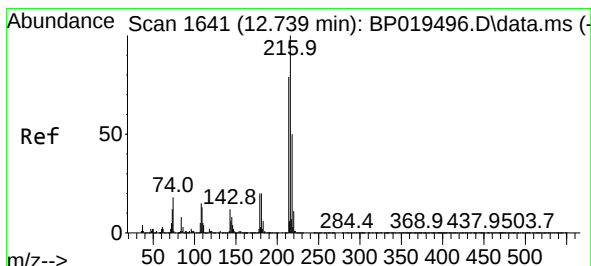
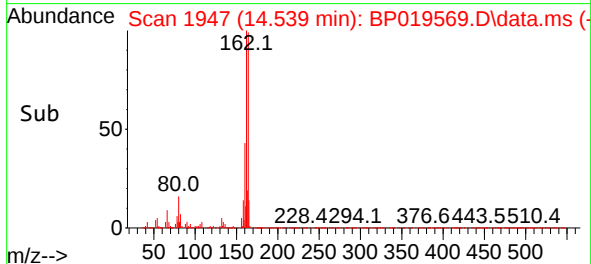
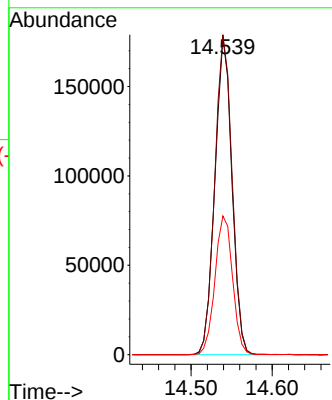
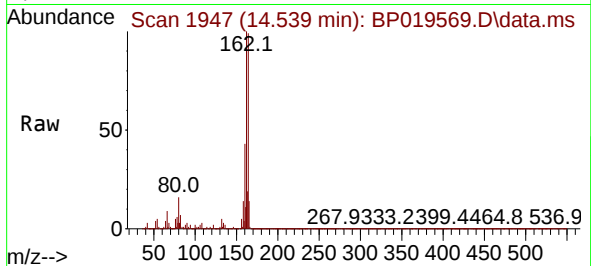




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

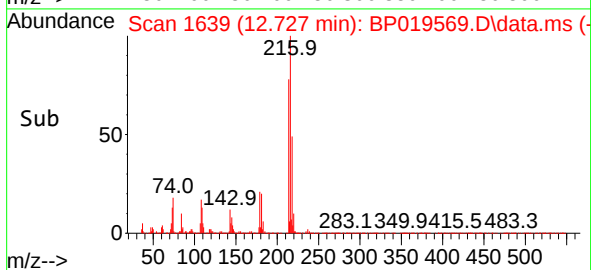
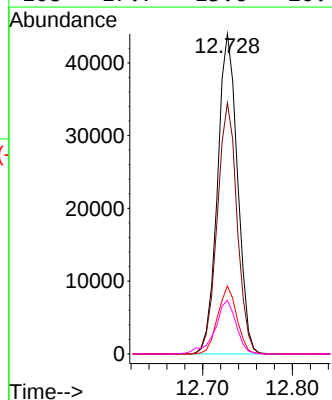
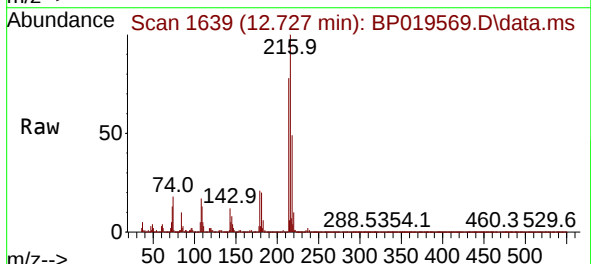
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:164 Resp: 259082
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 43.7 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.805 ng
RT: 12.727 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:216 Resp: 67992
Ion Ratio Lower Upper
216 100
214 77.7 62.8 94.2
179 20.3 16.6 24.8
108 17.7 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 7.552 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

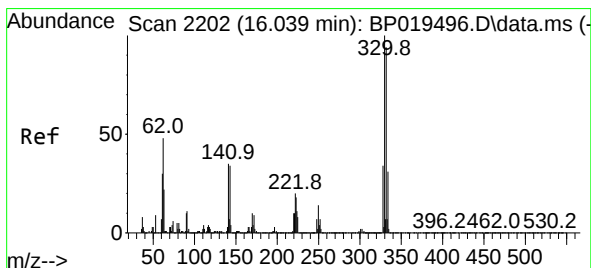
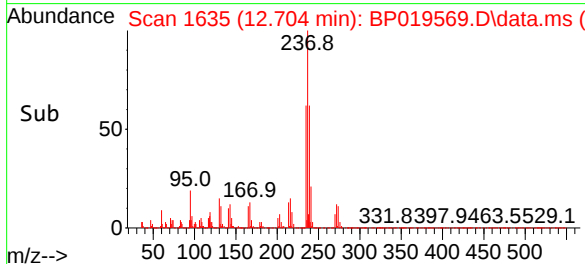
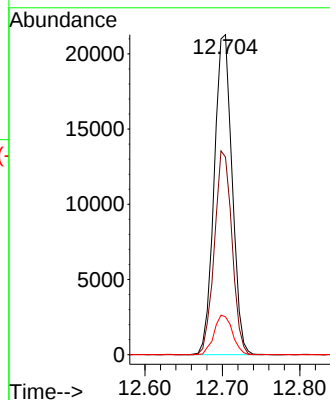
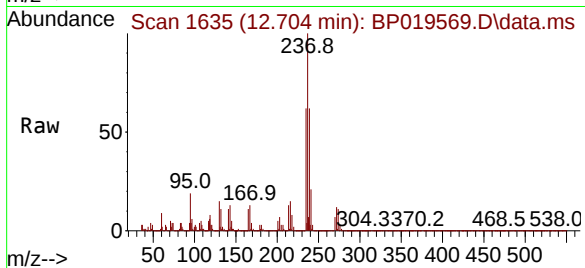
Tgt Ion:237 Resp: 34090

Ion Ratio Lower Upper

237 100

235 61.8 43.7 83.7

272 11.8 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 98.748 ng

RT: 16.033 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

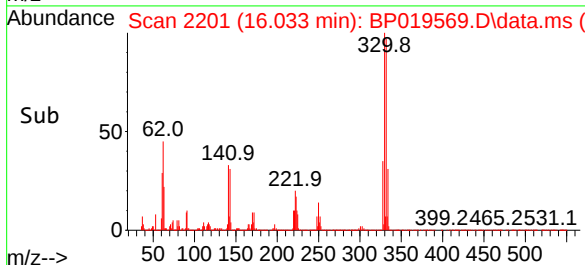
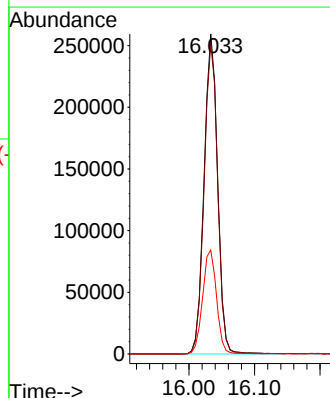
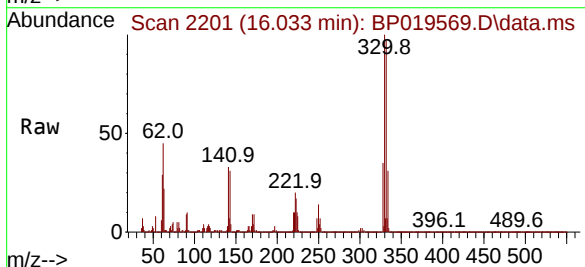
Tgt Ion:330 Resp: 373541

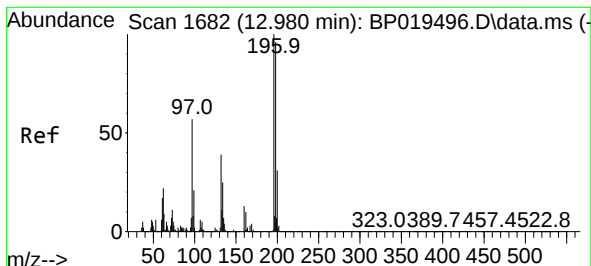
Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

141 33.4 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 6.353 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

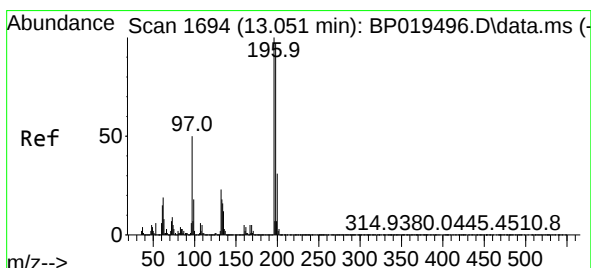
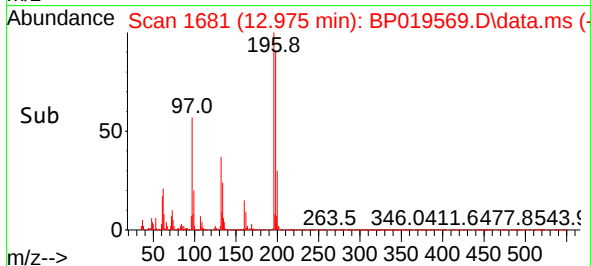
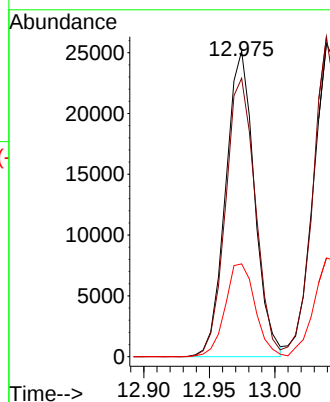
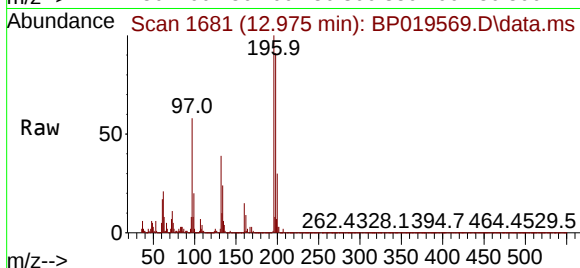
Tgt Ion:196 Resp: 38439

Ion Ratio Lower Upper

196 100

198 91.1 76.7 115.1

200 30.3 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 6.202 ng

RT: 13.039 min Scan# 1692

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Tgt Ion:196 Resp: 41202

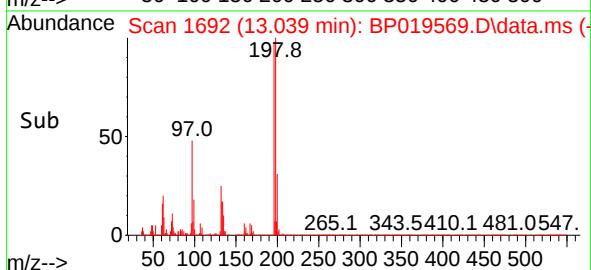
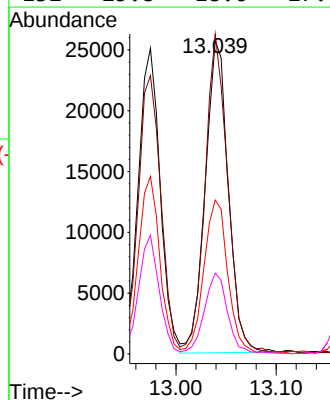
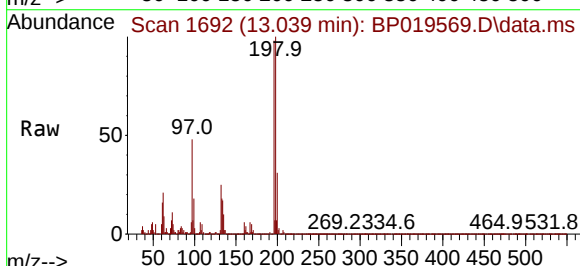
Ion Ratio Lower Upper

196 100

198 102.1 77.5 116.3

97 49.1 39.9 59.9

132 25.8 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 65.924 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

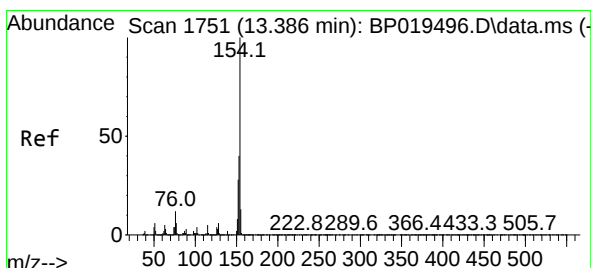
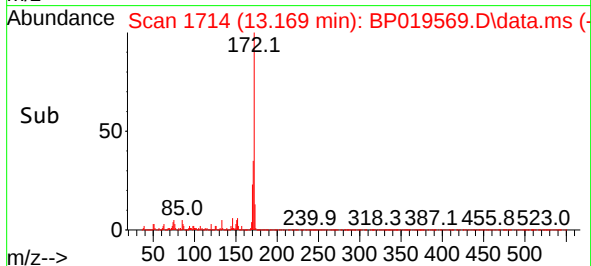
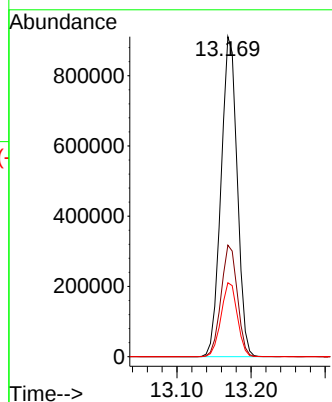
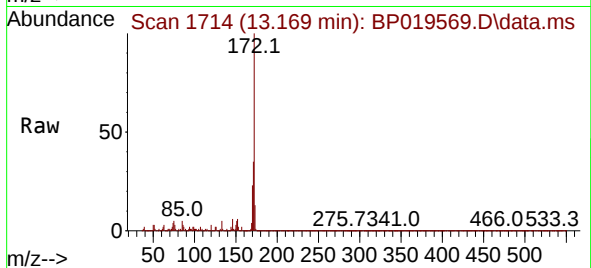
Tgt Ion:172 Resp: 1381597

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 7.004 ng

RT: 13.380 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

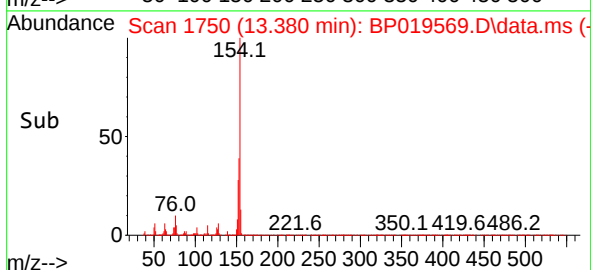
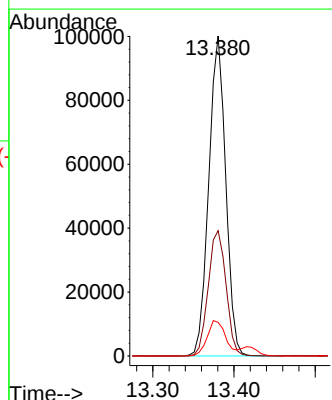
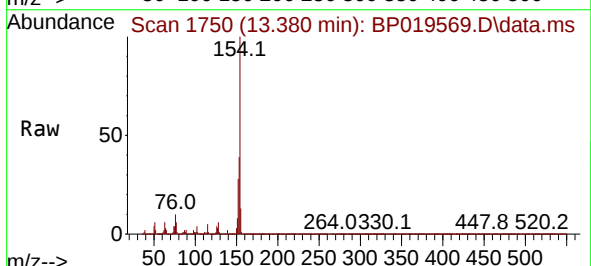
Tgt Ion:154 Resp: 144823

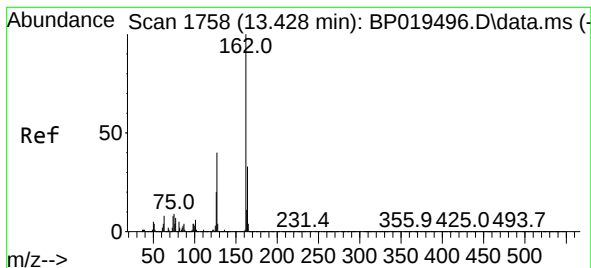
Ion Ratio Lower Upper

154 100

153 39.2 20.2 60.2

76 10.5 0.0 31.6





#47

2-Chloronaphthalene

Concen: 6.647 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

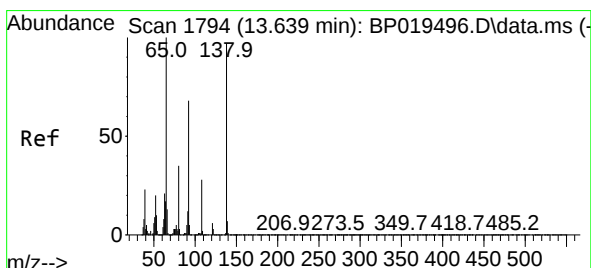
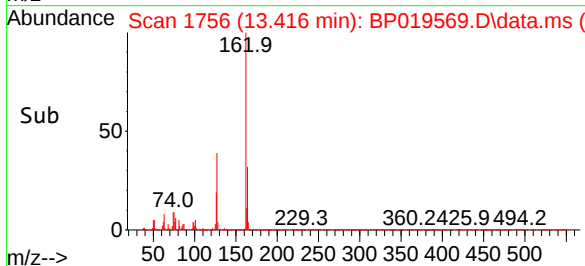
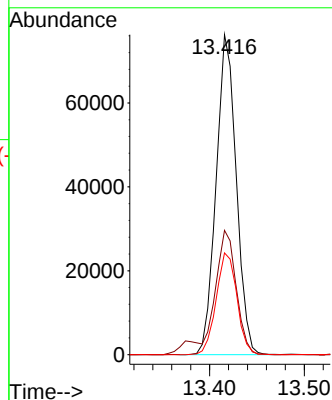
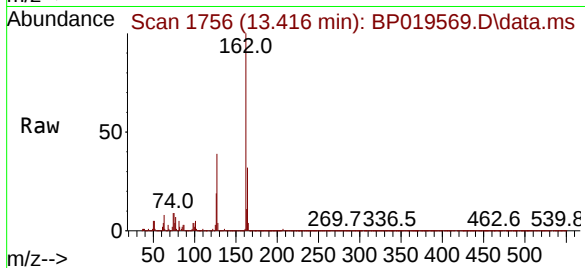
Tgt Ion:162 Resp: 112826

Ion Ratio Lower Upper

162 100

127 38.9 32.1 48.1

164 31.8 26.7 40.1



#48

2-Nitroaniline

Concen: 6.240 ng

RT: 13.627 min Scan# 1792

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

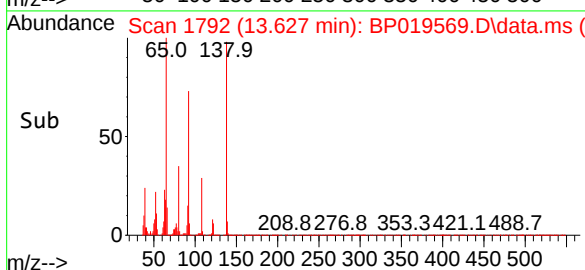
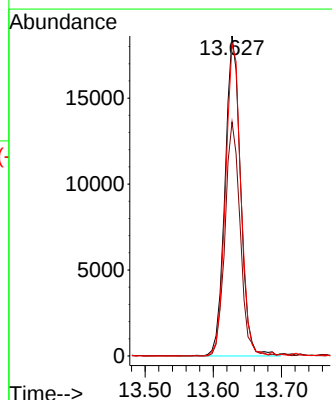
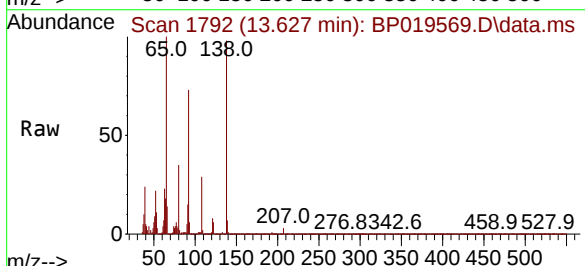
Tgt Ion: 65 Resp: 29618

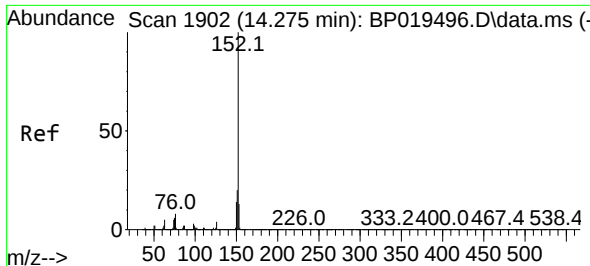
Ion Ratio Lower Upper

65 100

92 73.1 54.7 82.1

138 97.5 77.8 116.6

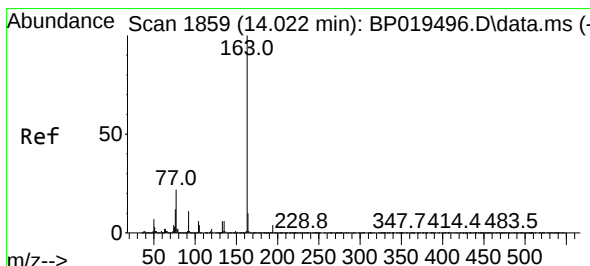
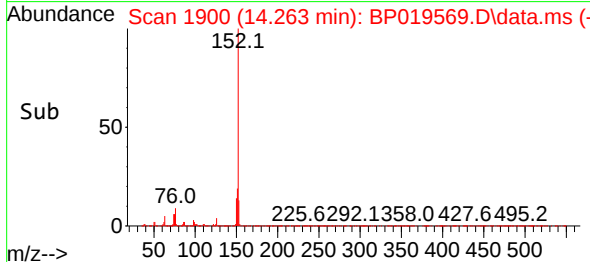
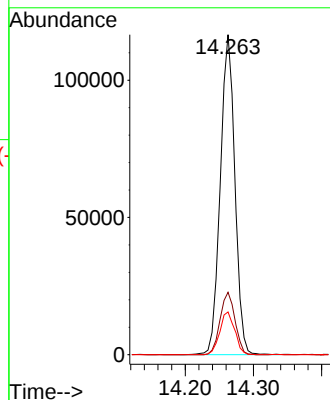
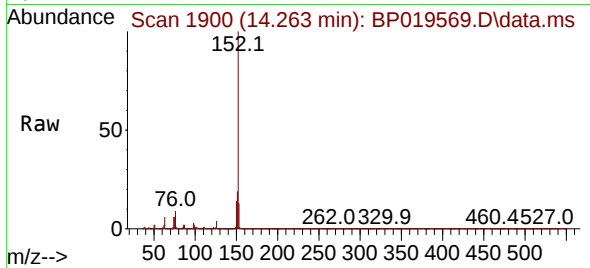




#49
Acenaphthylene
Concen: 7.292 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

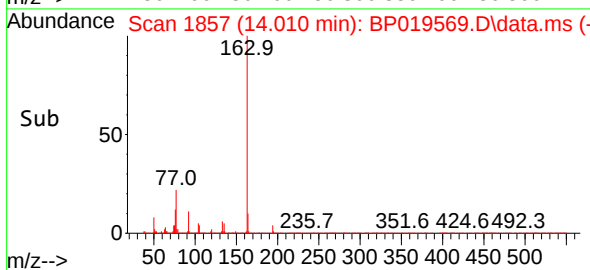
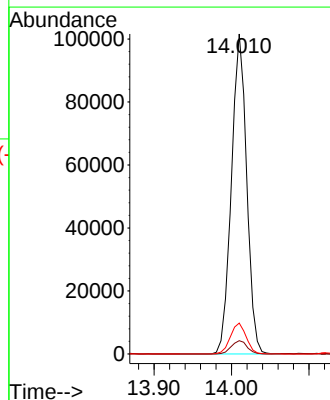
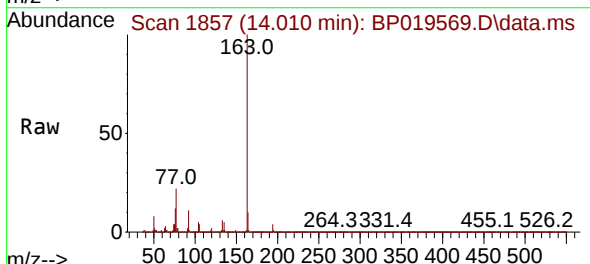
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

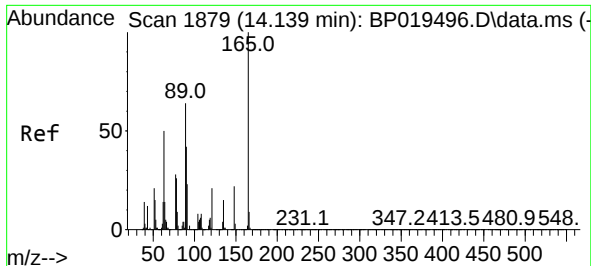
Tgt Ion:152 Resp: 173652
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 7.033 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:163 Resp: 139484
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.7 7.8 11.6

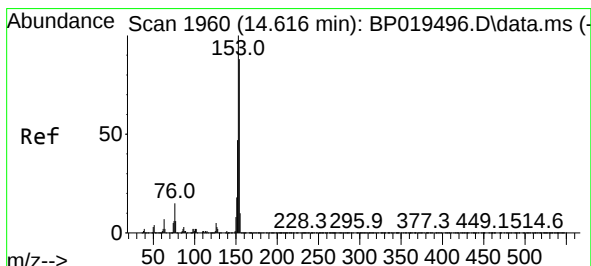
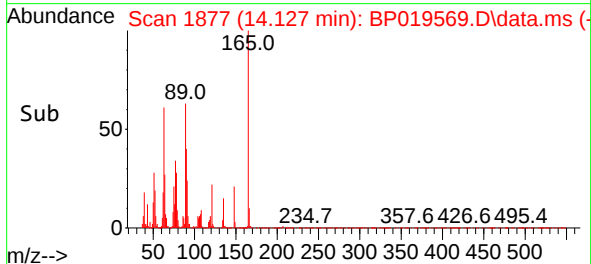
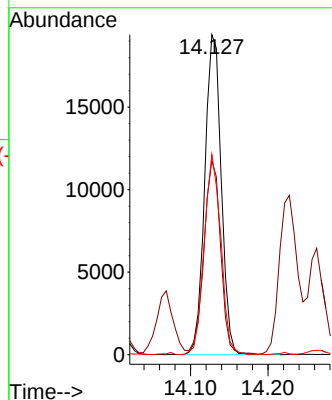
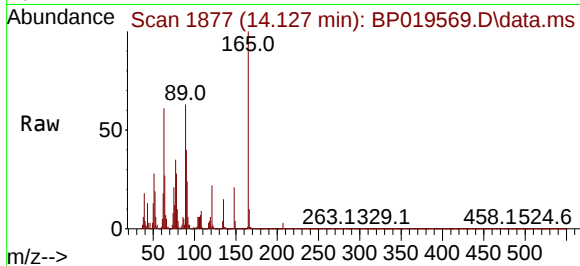




#51
2,6-Dinitrotoluene
Concen: 6.560 ng
RT: 14.127 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

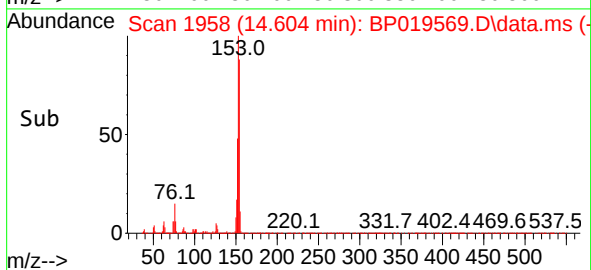
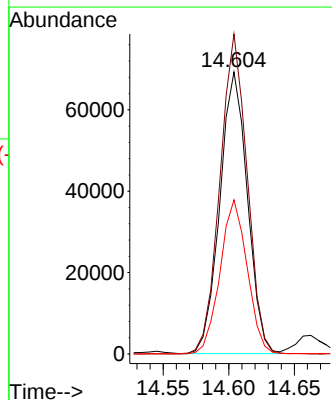
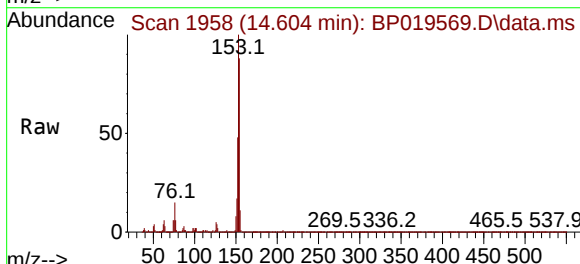
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

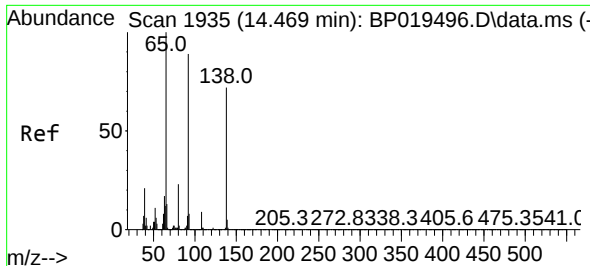
Tgt Ion:165 Resp: 28587
Ion Ratio Lower Upper
165 100
63 60.6 50.4 75.6
89 62.6 51.7 77.5



#52
Acenaphthene
Concen: 6.851 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:154 Resp: 101262
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 54.6 42.1 63.1

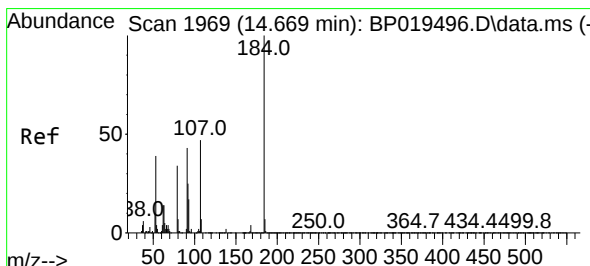
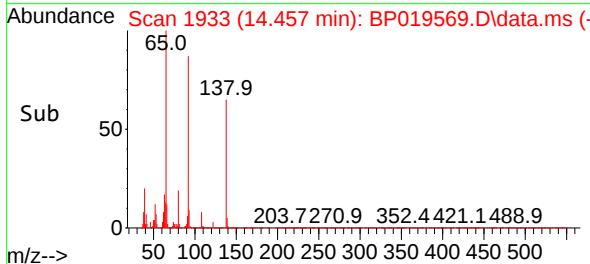
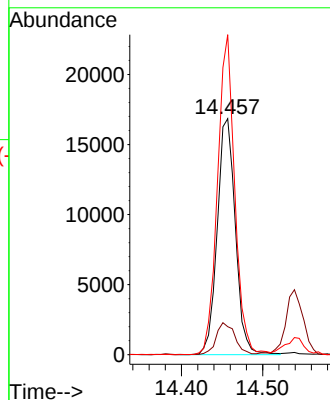
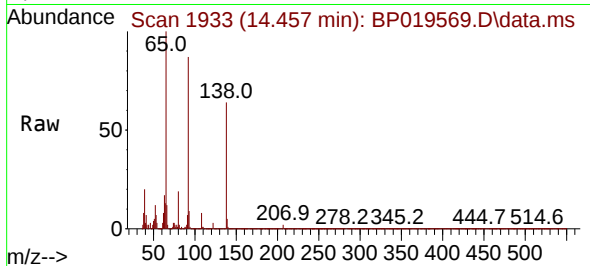




#53
3-Nitroaniline
Concen: 6.539 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

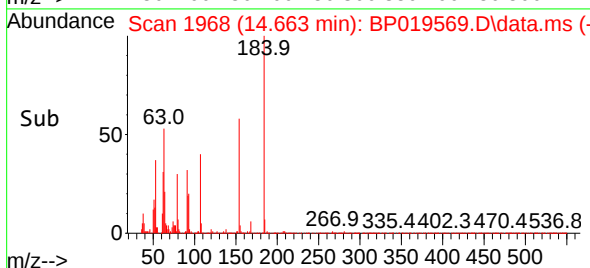
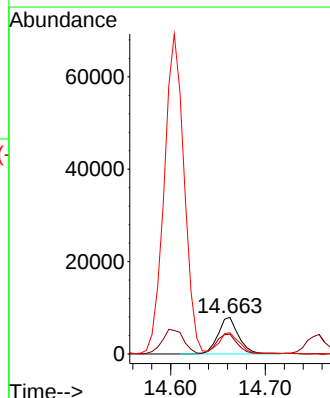
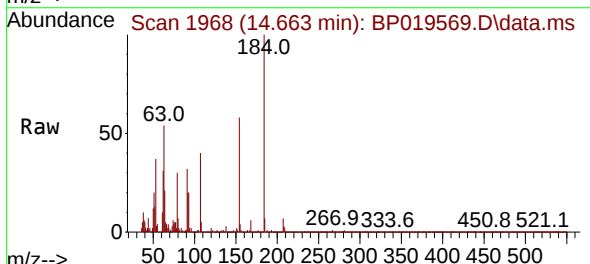
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

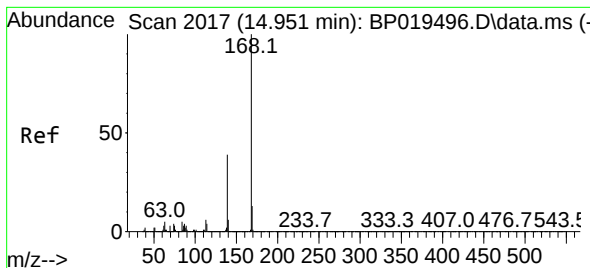
Tgt Ion:138 Resp: 26186
Ion Ratio Lower Upper
138 100
108 11.8 9.7 14.5
92 135.6 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 5.275 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:184 Resp: 11934
Ion Ratio Lower Upper
184 100
63 54.1 50.5 75.7
154 57.7 53.4 80.0





#55

Dibenzenofuran

Concen: 7.153 ng

RT: 14.939 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

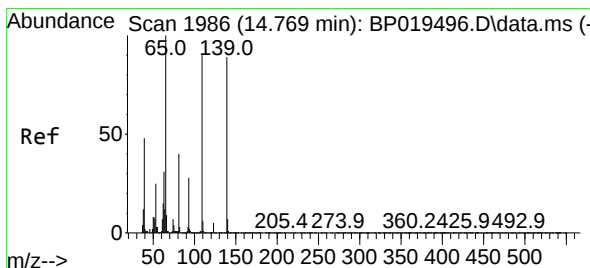
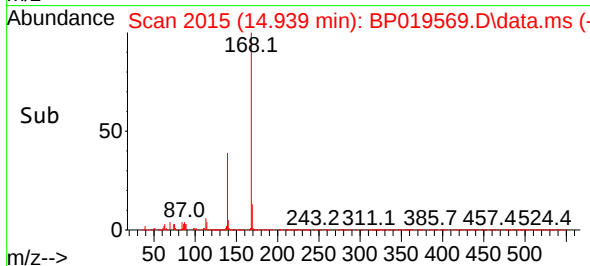
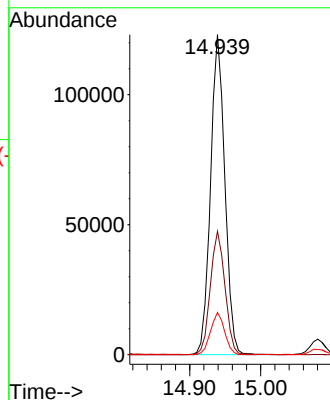
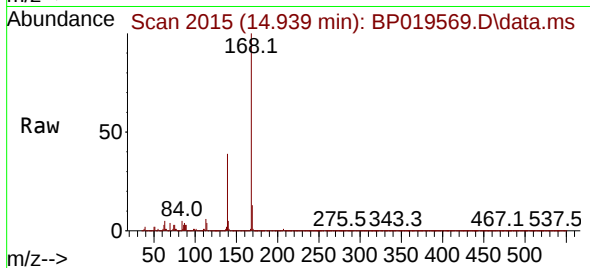
Tgt Ion:168 Resp: 172185

Ion Ratio Lower Upper

168 100

139 38.6 31.5 47.3

169 13.2 10.3 15.5



#56

4-Nitrophenol

Concen: 5.605 ng

RT: 14.757 min Scan# 1984

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

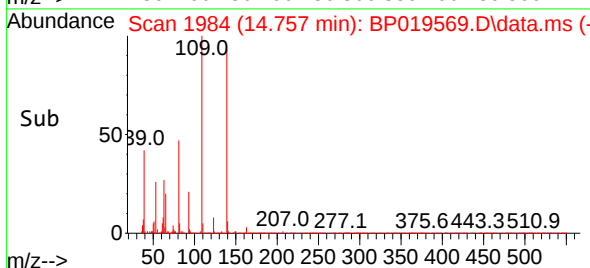
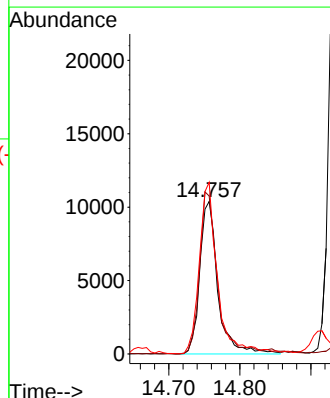
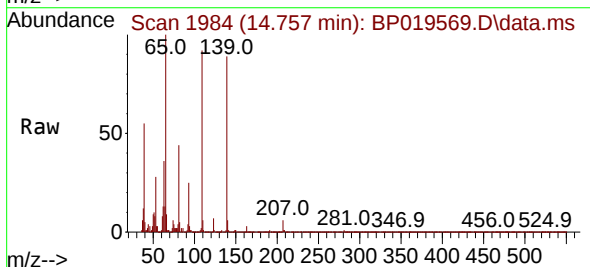
Tgt Ion:139 Resp: 18396

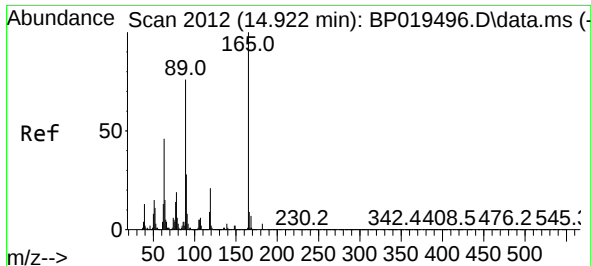
Ion Ratio Lower Upper

139 100

109 103.5 82.0 122.0

65 112.5 92.9 132.9

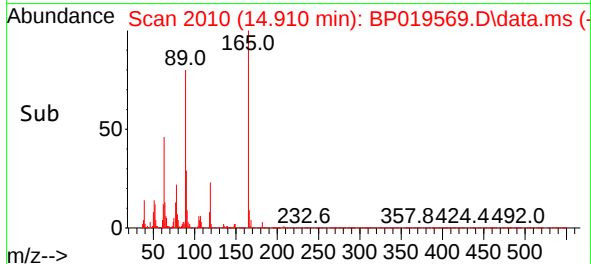
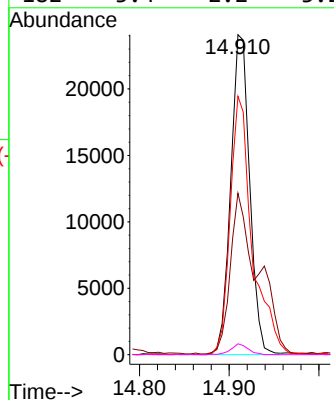
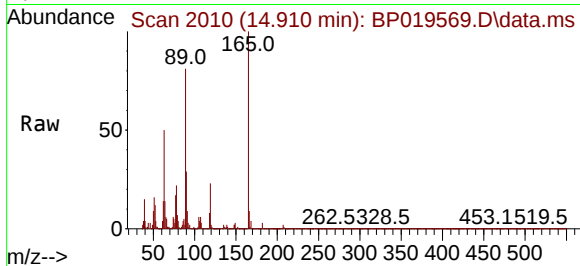




#57
2,4-Dinitrotoluene
Concen: 6.176 ng
RT: 14.910 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

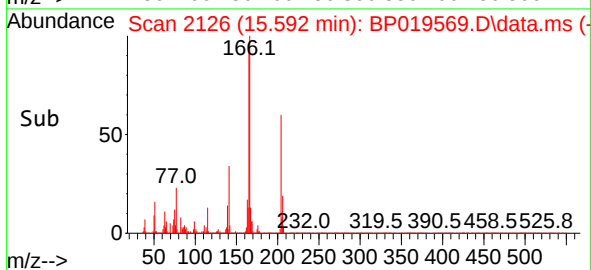
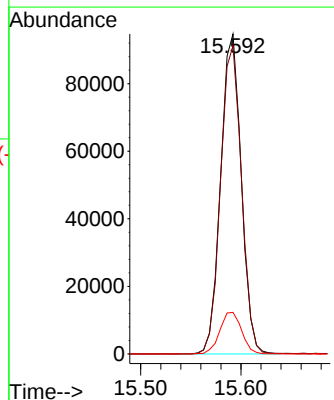
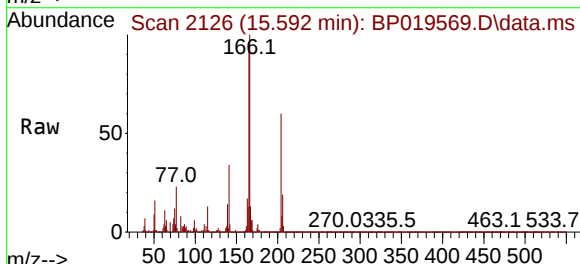
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

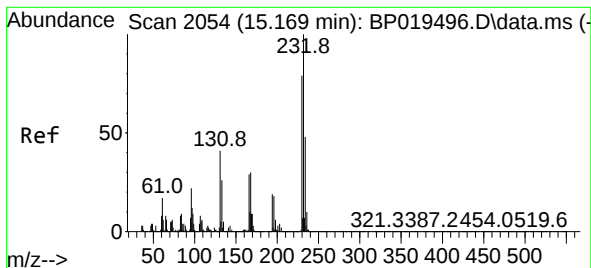
Tgt Ion:165 Resp: 35265
Ion Ratio Lower Upper
165 100
63 50.5 36.9 55.3
89 80.8 61.1 91.7
182 3.4 2.2 3.2#



#58
Fluorene
Concen: 7.025 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:166 Resp: 134704
Ion Ratio Lower Upper
166 100
165 96.4 77.8 116.8
167 13.0 10.7 16.1

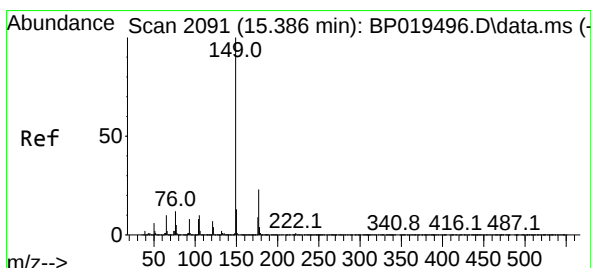
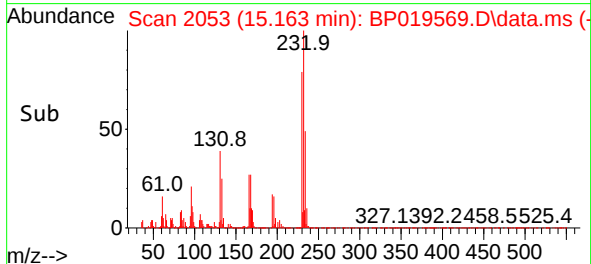
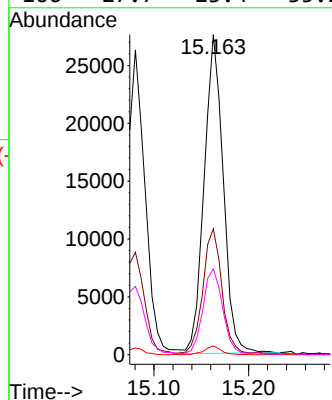
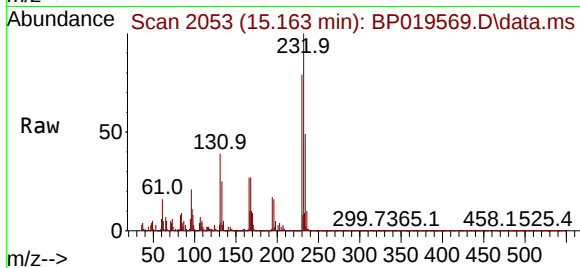




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.916 ng
RT: 15.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

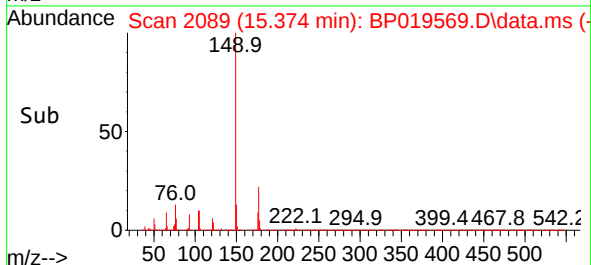
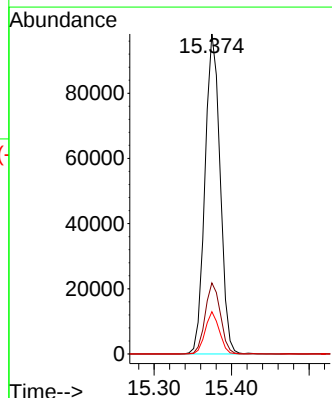
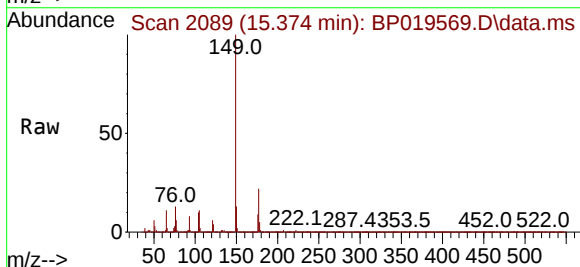
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:232	Resp:	38648
Ion Ratio	Lower	Upper
232	100	
131	40.0	32.4 48.6
130	2.4	1.9 2.9
166	27.7	23.4 35.2



#60
Diethylphthalate
Concen: 6.752 ng
RT: 15.374 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:149	Resp:	133207
Ion Ratio	Lower	Upper
149	100	
177	22.2	18.2 27.2
150	13.2	10.2 15.4





#61

4-Chlorophenyl-phenylether

Concen: 7.060 ng

RT: 15.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

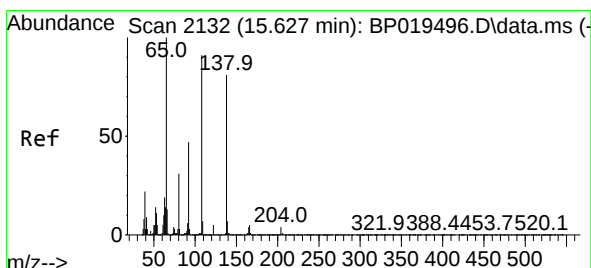
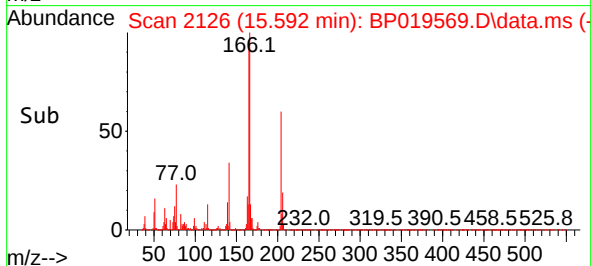
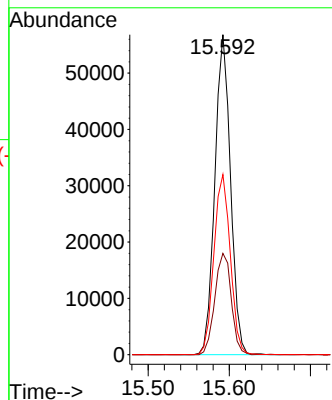
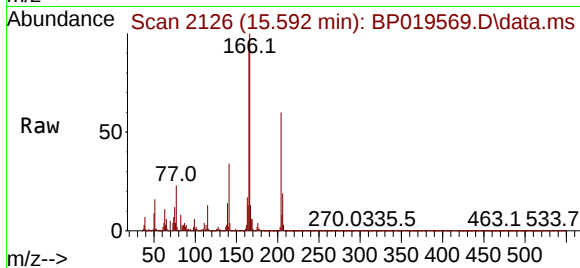
Tgt Ion:204 Resp: 76086

Ion Ratio Lower Upper

204 100

206 31.6 26.5 39.7

141 56.3 48.5 72.7



#62

4-Nitroaniline

Concen: 6.000 ng

RT: 15.616 min Scan# 2130

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

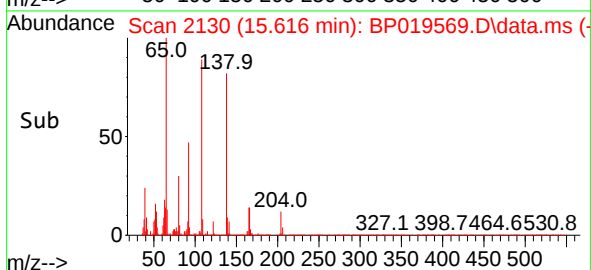
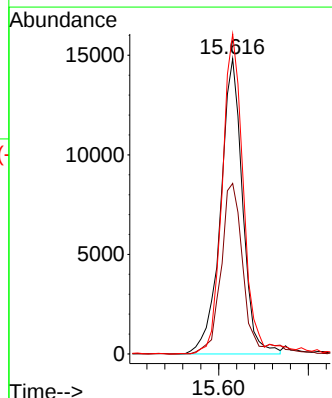
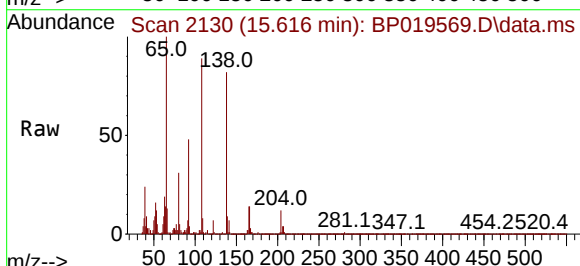
Tgt Ion:138 Resp: 25184

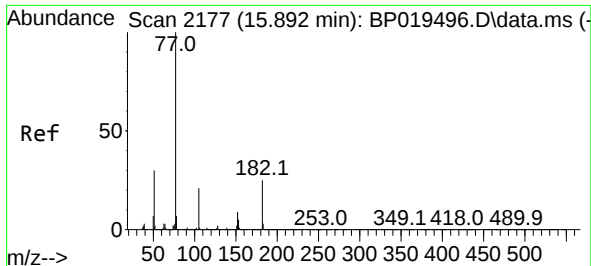
Ion Ratio Lower Upper

138 100

92 57.8 38.3 78.3

108 108.4 91.2 131.2

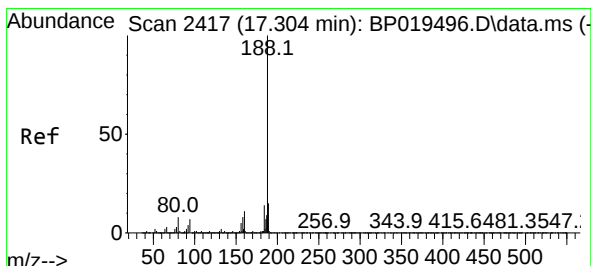
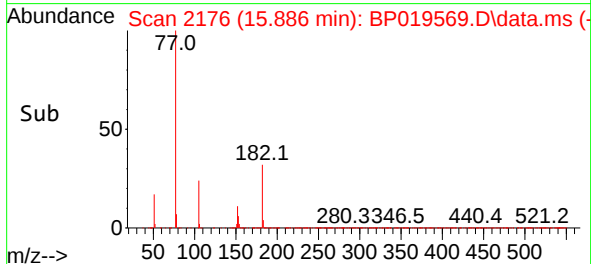
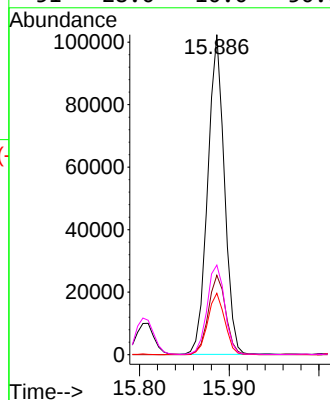
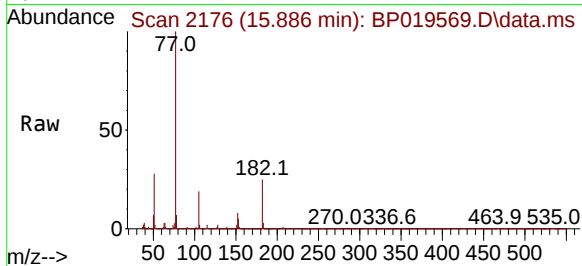




#63
Azobenzene
Concen: 6.913 ng
RT: 15.886 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

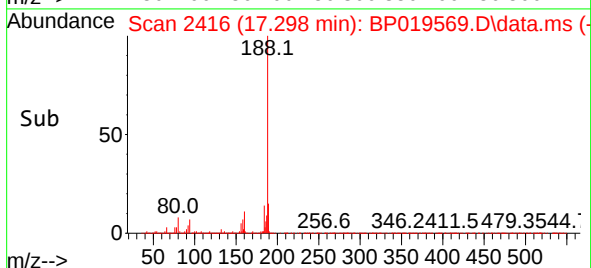
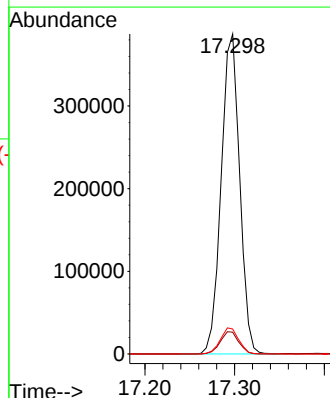
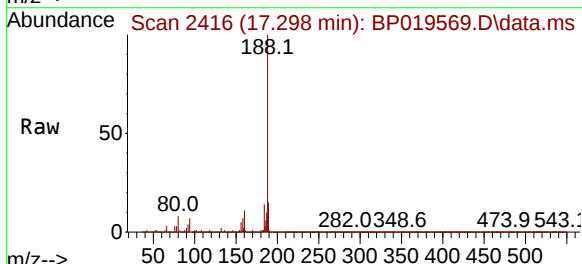
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

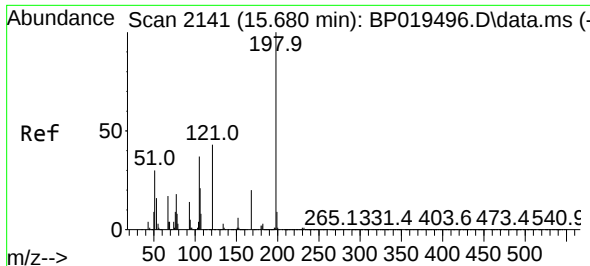
Tgt Ion: 77	Resp: 131878
Ion Ratio	Lower Upper
77 100	
182 24.8	5.1 45.1
105 19.2	0.8 40.8
51 28.0	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:188	Resp: 552682
Ion Ratio	Lower Upper
188 100	
94 6.8	5.4 8.2
80 7.8	6.3 9.5

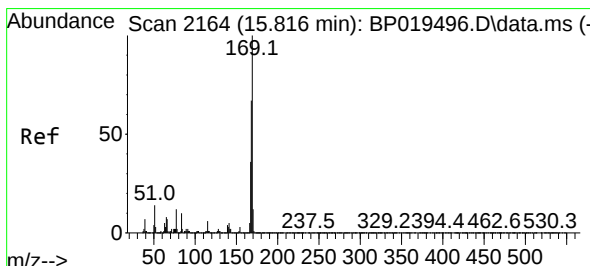
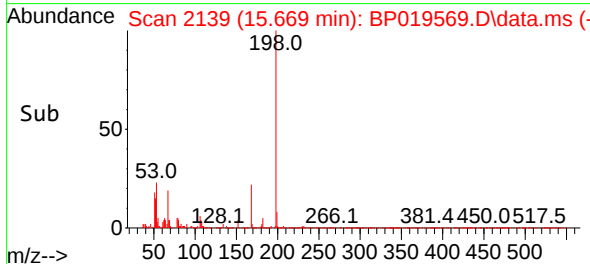
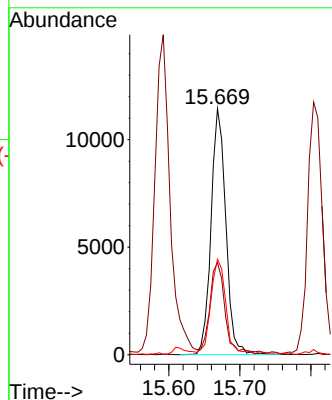
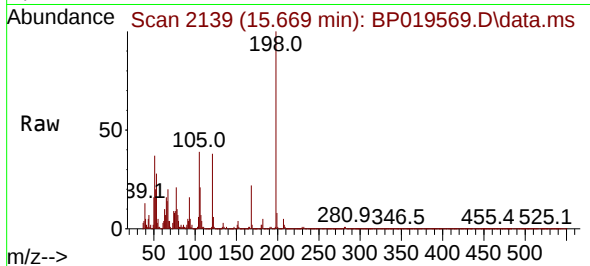




#65
4,6-Dinitro-2-methylphenol
Concen: 5.250 ng
RT: 15.669 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

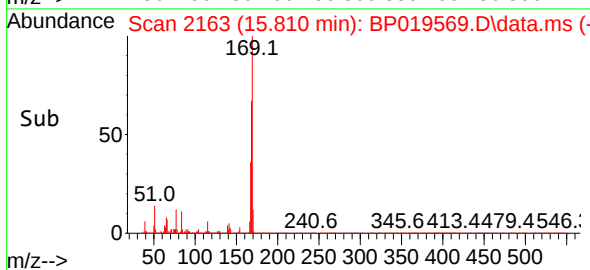
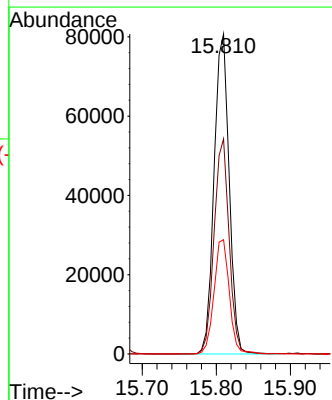
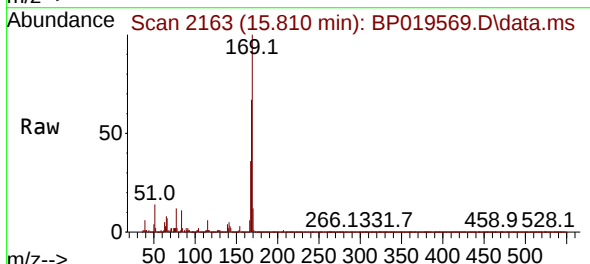
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

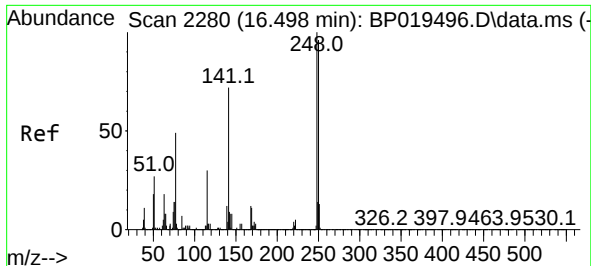
Tgt Ion:198 Resp: 16545
Ion Ratio Lower Upper
198 100
51 37.4 21.2 61.2
105 38.8 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 6.896 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:169 Resp: 114142
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 35.7 28.9 43.3

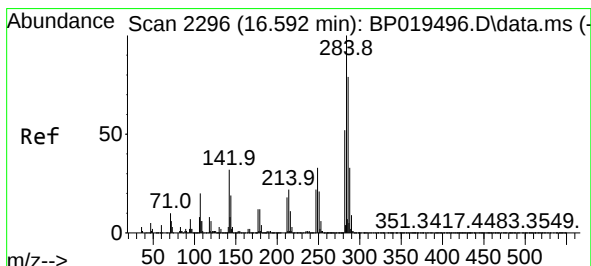
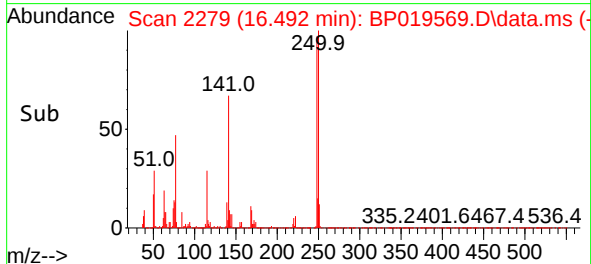
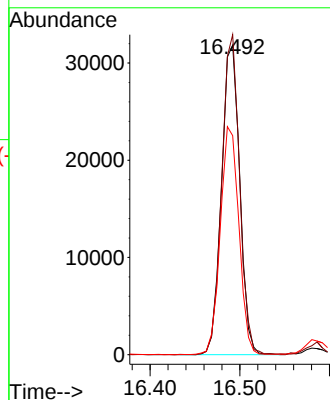
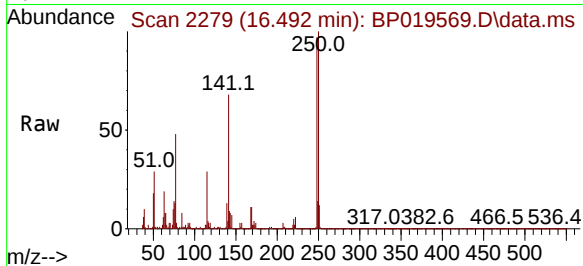




#67
4-Bromophenyl-phenylether
Concen: 6.508 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

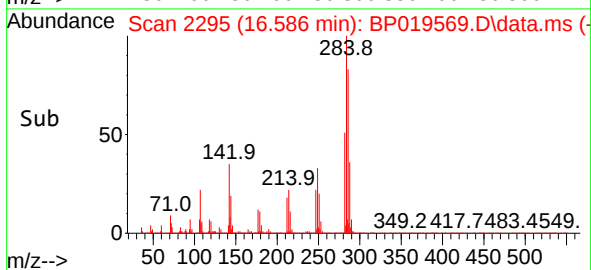
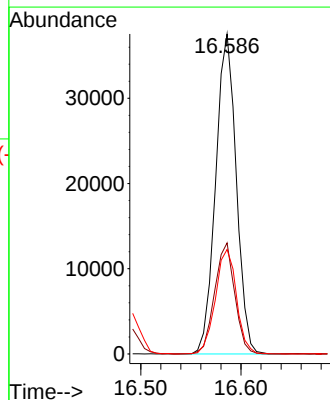
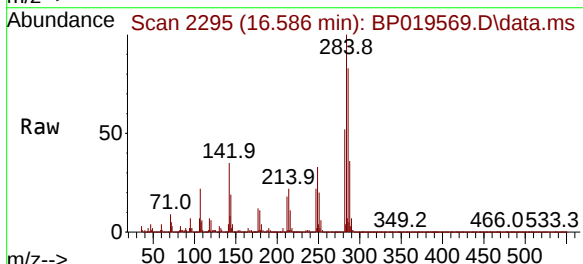
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

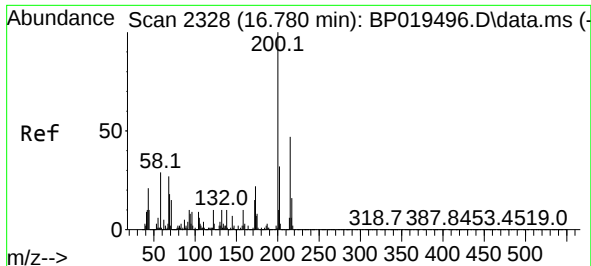
Tgt Ion:248 Resp: 44967
Ion Ratio Lower Upper
248 100
250 103.3 76.9 115.3
141 70.7 58.0 87.0



#68
Hexachlorobenzene
Concen: 6.634 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:284 Resp: 53529
Ion Ratio Lower Upper
284 100
142 34.7 25.4 38.2
249 32.6 26.5 39.7

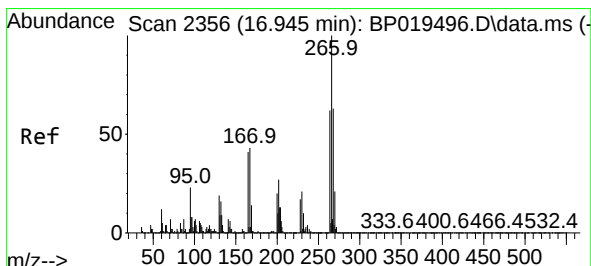
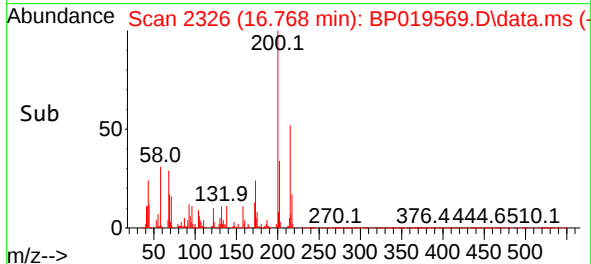
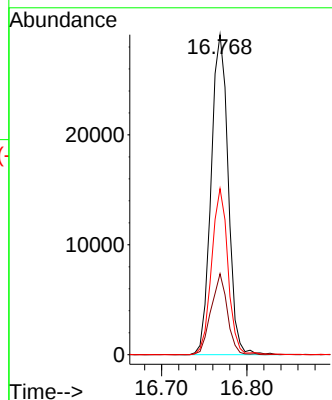
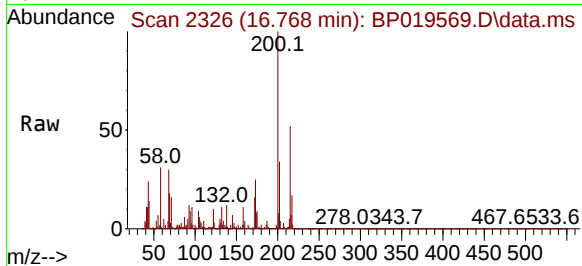




#69
Atrazine
Concen: 7.382 ng
RT: 16.768 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

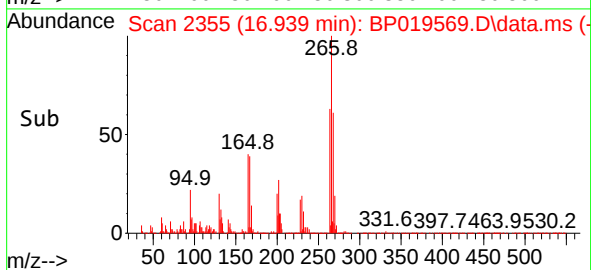
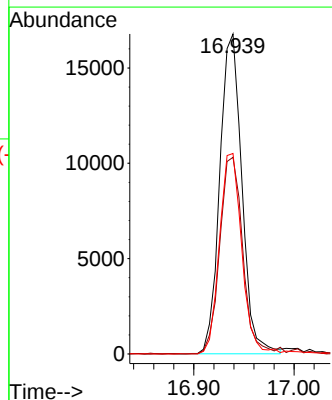
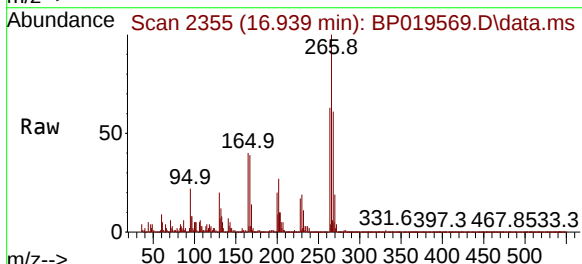
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

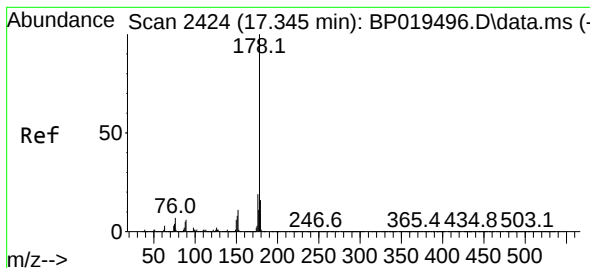
Tgt Ion:200 Resp: 40545
Ion Ratio Lower Upper
200 100
173 25.3 1.7 41.7
215 51.9 26.9 66.9



#70
Pentachlorophenol
Concen: 5.100 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:266 Resp: 25623
Ion Ratio Lower Upper
266 100
268 61.4 50.3 75.5
264 62.6 49.7 74.5





#71

Phenanthrene

Concen: 7.122 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

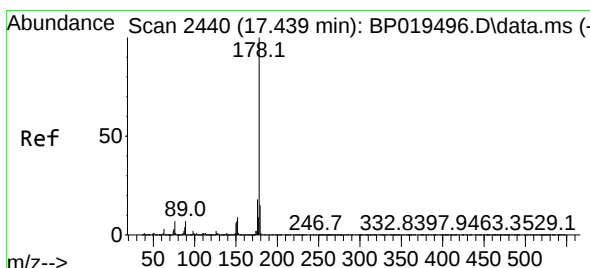
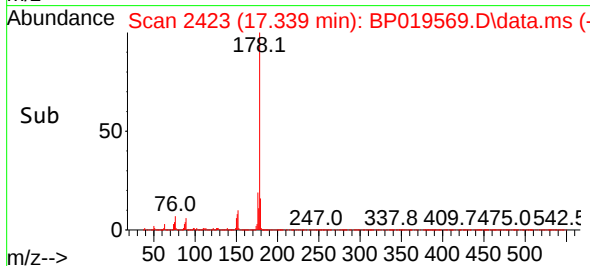
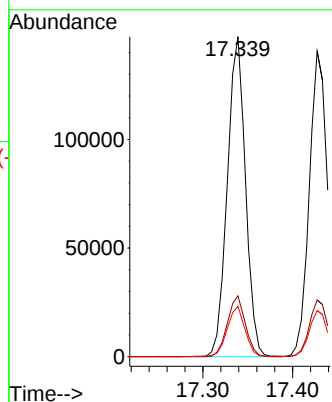
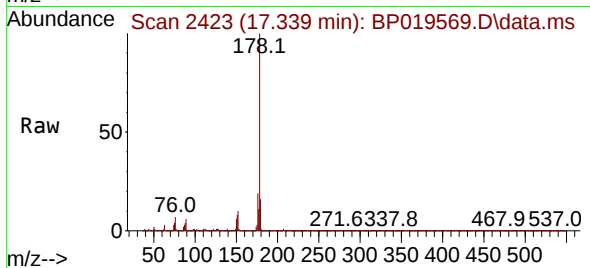
Tgt Ion:178 Resp: 207143

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.8 12.6 19.0



#72

Anthracene

Concen: 6.900 ng

RT: 17.427 min Scan# 2438

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

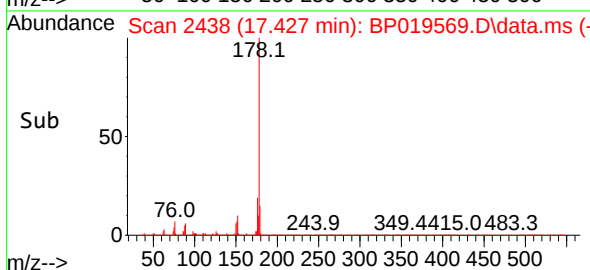
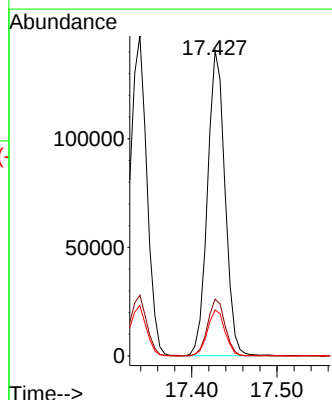
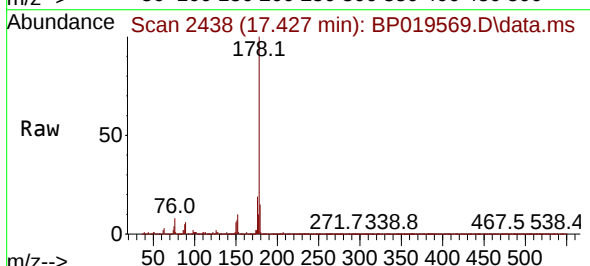
Tgt Ion:178 Resp: 200204

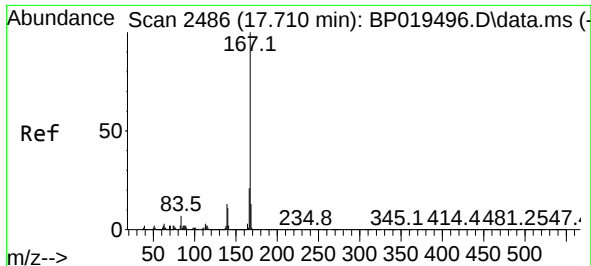
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.1 12.2 18.2

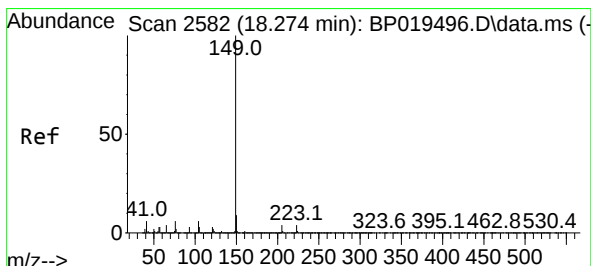
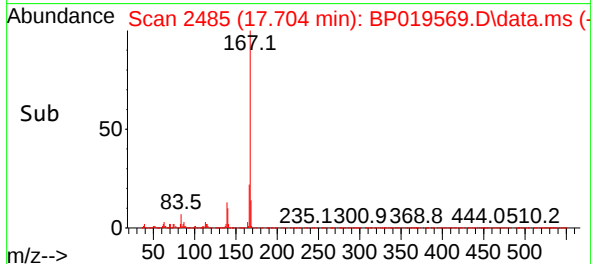
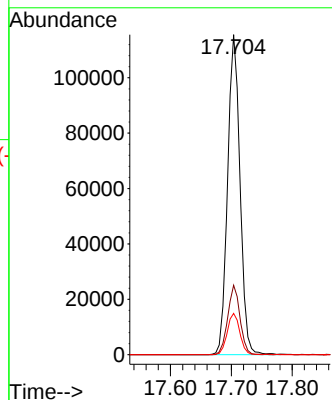
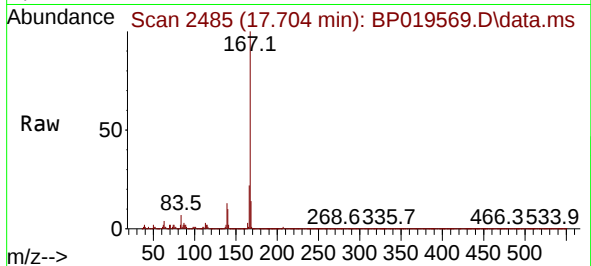




#73
 Carbazole
 Concen: 6.208 ng
 RT: 17.704 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP019569.D
 Acq: 06 Feb 2024 12:30

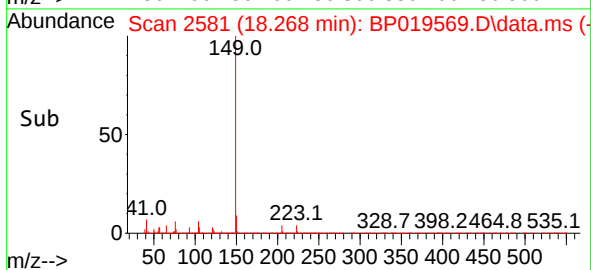
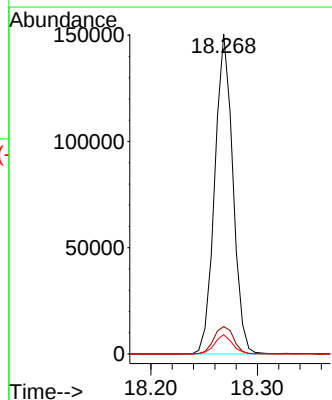
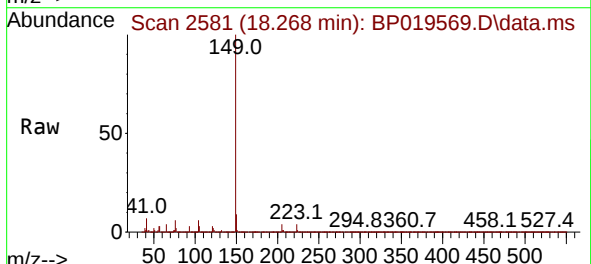
Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT4-2023

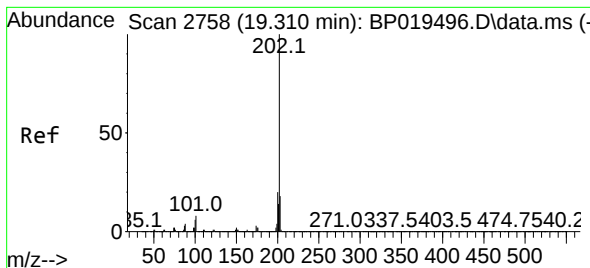
Tgt Ion:167 Resp: 163622
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.9 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 5.561 ng
 RT: 18.268 min Scan# 2581
 Delta R.T. -0.006 min
 Lab File: BP019569.D
 Acq: 06 Feb 2024 12:30

Tgt Ion:149 Resp: 177237
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.3 10.9
 104 6.1 4.8 7.2





#75

Fluoranthene

Concen: 5.927 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

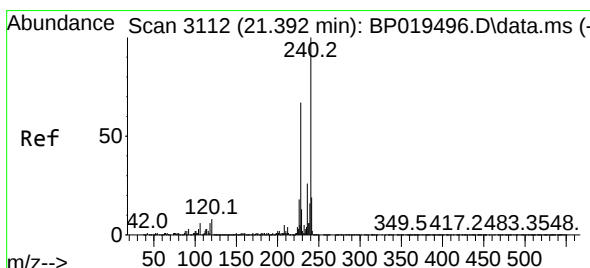
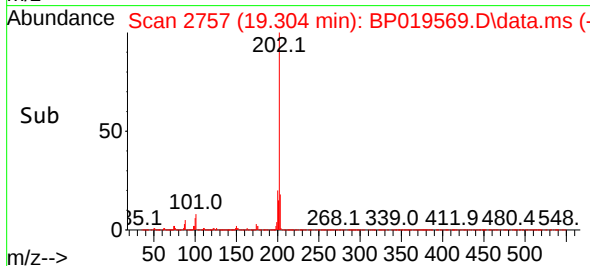
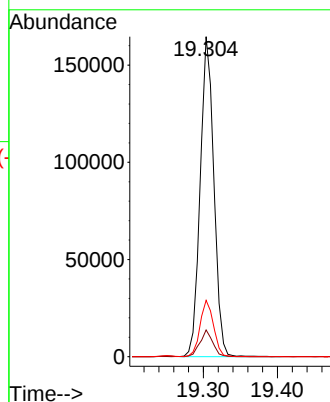
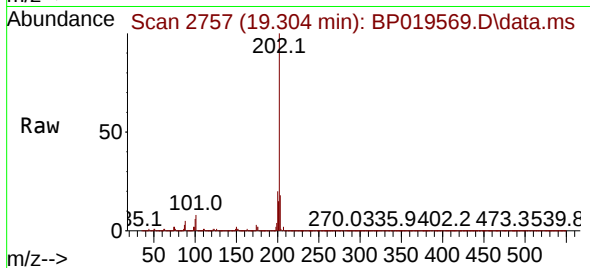
Tgt Ion:202 Resp: 210612

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.7

203 17.6 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: BP019569.D

Acq: 06 Feb 2024 12:30

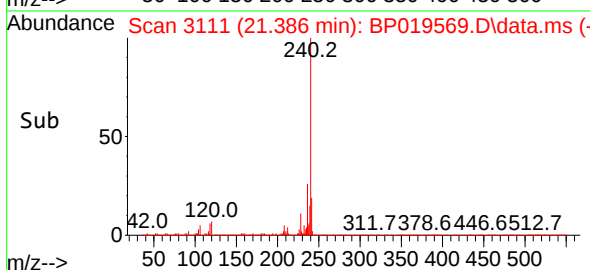
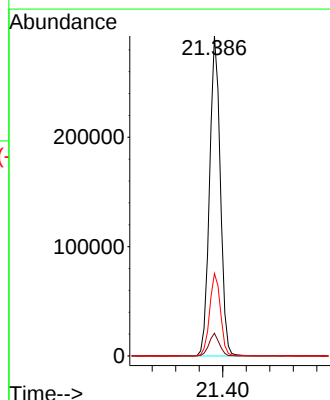
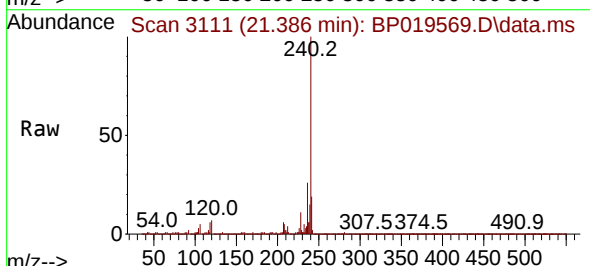
Tgt Ion:240 Resp: 370501

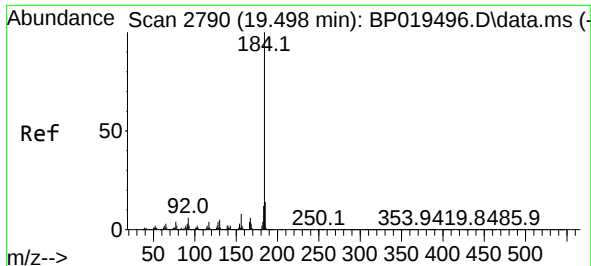
Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

236 25.8 20.7 31.1





#77

Benzidine

Concen: 9.417 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

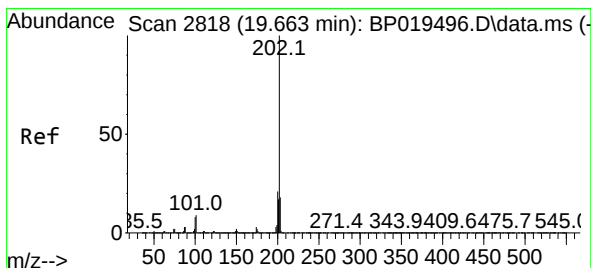
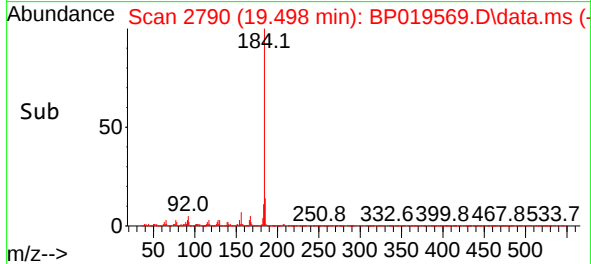
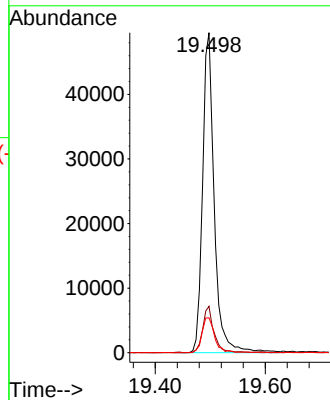
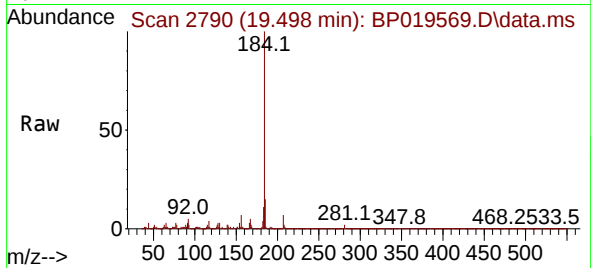
Tgt Ion:184 Resp: 72940

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

183 10.9 9.7 14.5



#78

Pyrene

Concen: 8.034 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

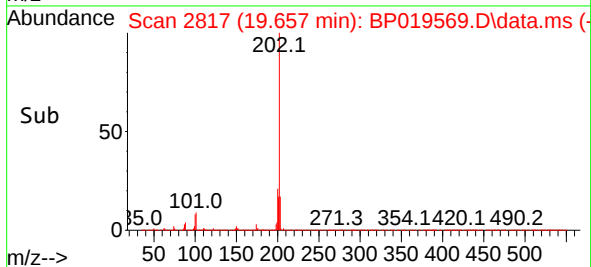
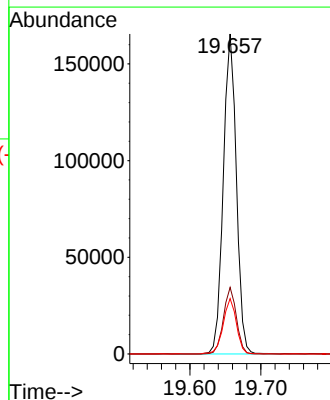
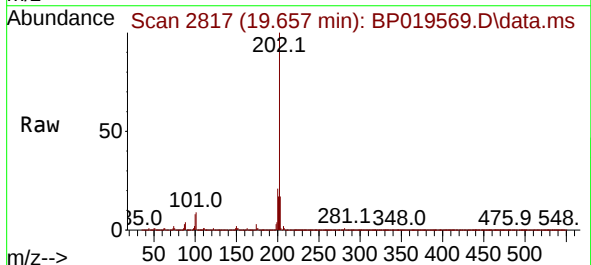
Tgt Ion:202 Resp: 210072

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.3 14.2 21.2



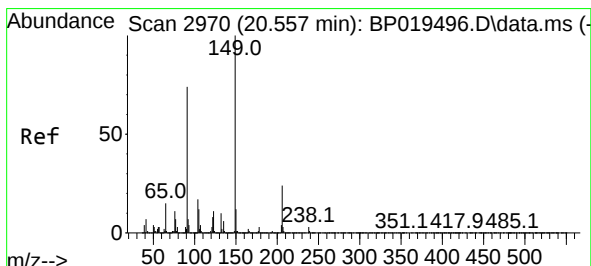
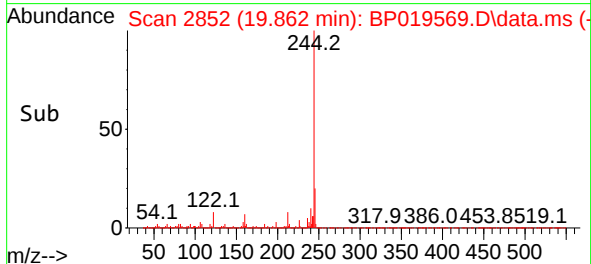
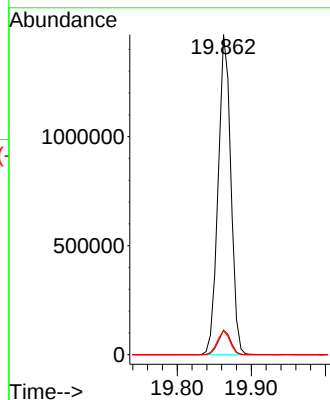
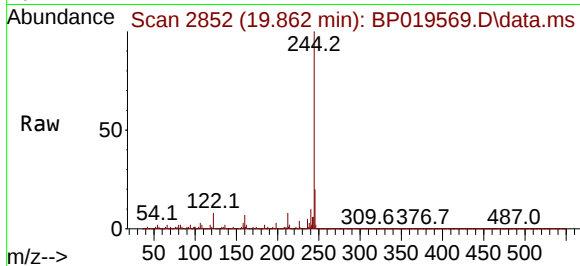


#79
 Terphenyl-d14
 Concen: 77.473 ng
 RT: 19.862 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BP019569.D
 Acq: 06 Feb 2024 12:30

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Tgt Ion:244 Resp: 1745397

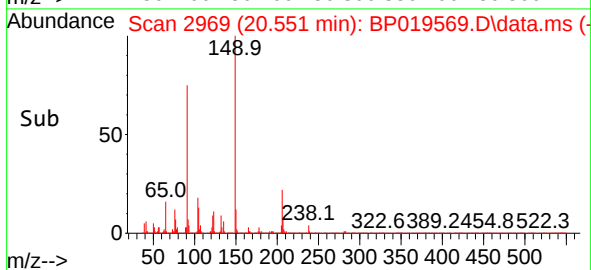
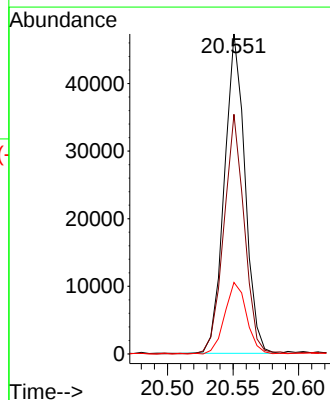
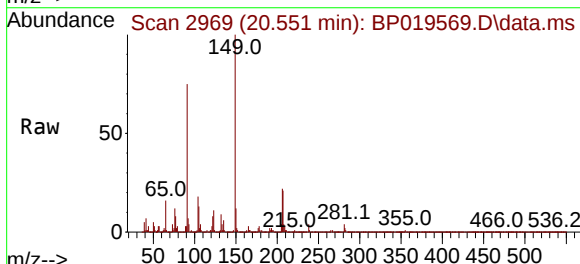
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	7.5	5.9	8.9

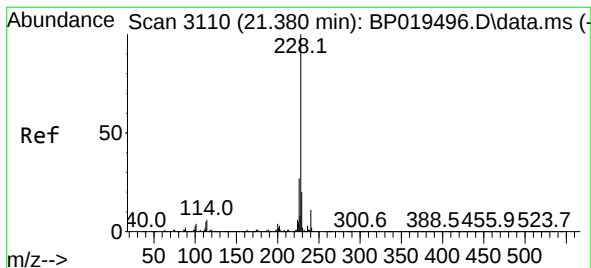


#80
 Butylbenzylphthalate
 Concen: 5.291 ng
 RT: 20.551 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BP019569.D
 Acq: 06 Feb 2024 12:30

Tgt Ion:149 Resp: 51664

Ion	Ratio	Lower	Upper
149	100		
91	74.9	59.4	89.0
206	22.4	19.0	28.6





#81

Benzo(a)anthracene

Concen: 6.691 ng

RT: 21.374 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

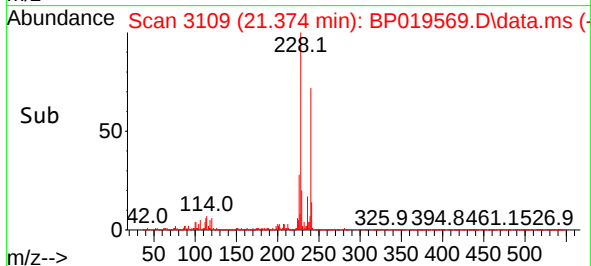
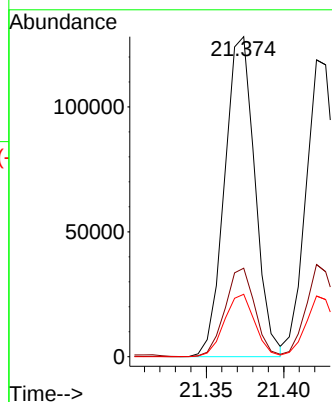
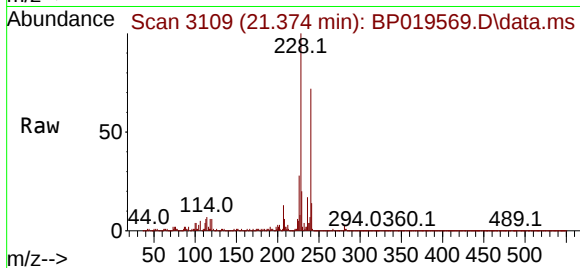
Tgt Ion:228 Resp: 174496

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 6.339 ng

RT: 21.309 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

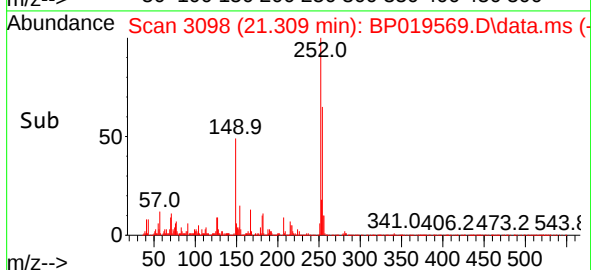
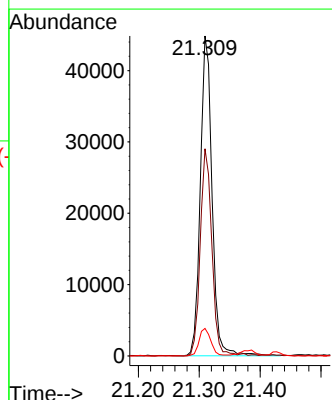
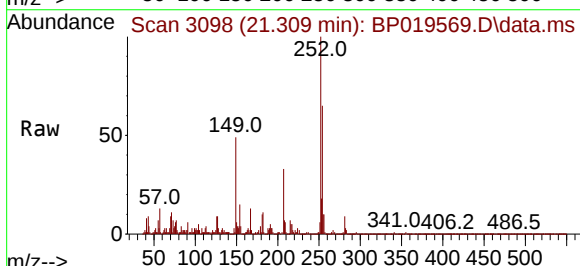
Tgt Ion:252 Resp: 60241

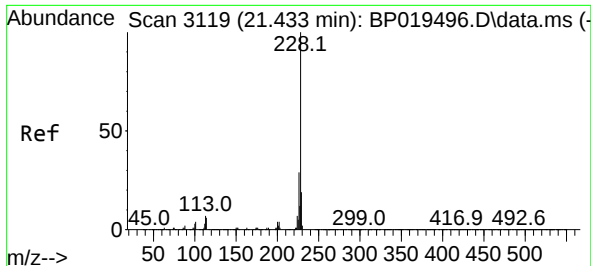
Ion Ratio Lower Upper

252 100

254 64.8 50.7 76.1

126 8.6 6.4 9.6





#83

Chrysene

Concen: 6.535 ng

RT: 21.421 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

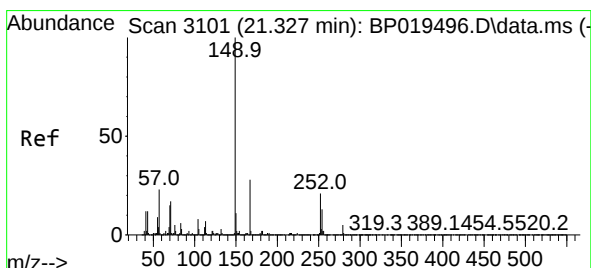
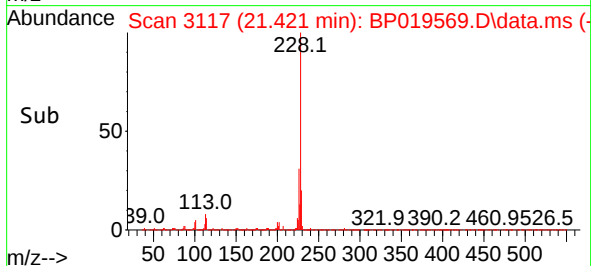
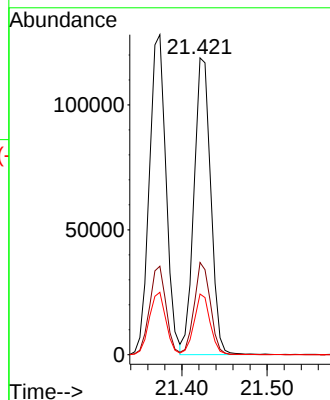
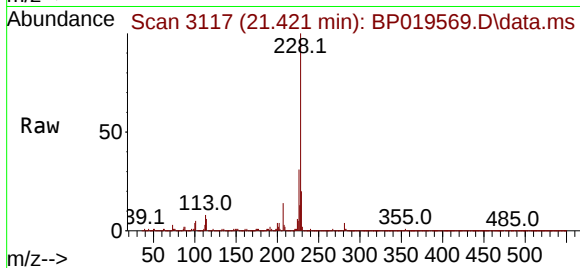
Tgt Ion:228 Resp: 161803

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.2

229 20.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.614 ng

RT: 21.321 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

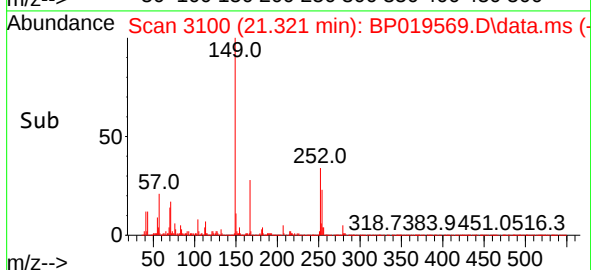
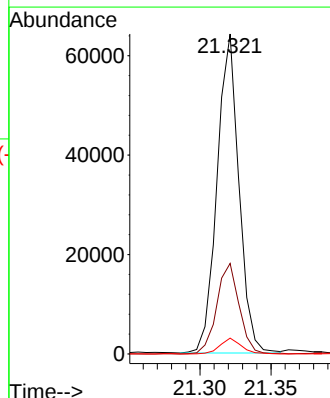
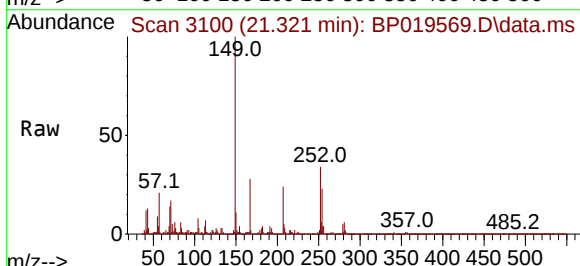
Tgt Ion:149 Resp: 68613

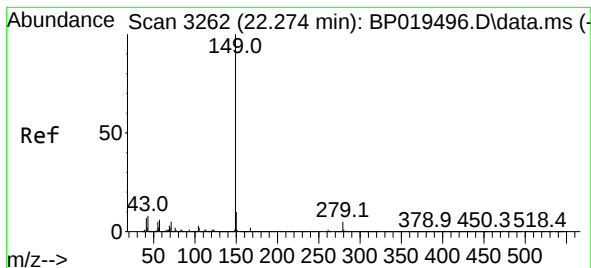
Ion Ratio Lower Upper

149 100

167 28.3 22.7 34.1

279 4.9 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 4.167 ng

RT: 22.262 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

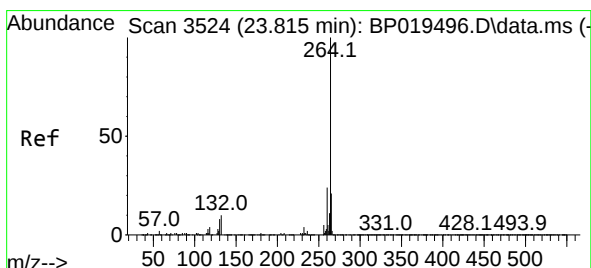
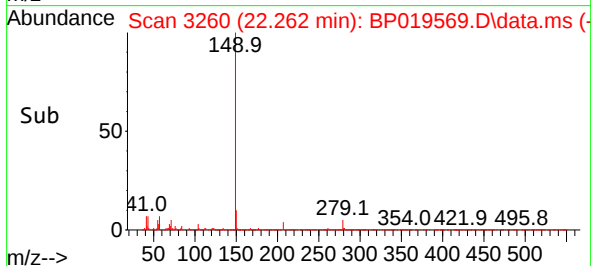
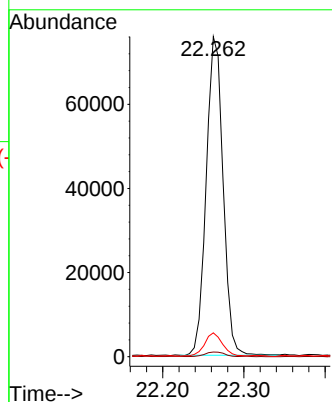
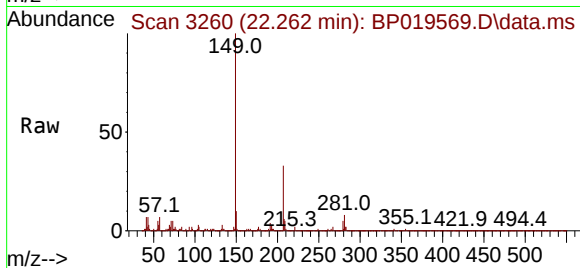
Tgt Ion:149 Resp: 109020

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: 23.803 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

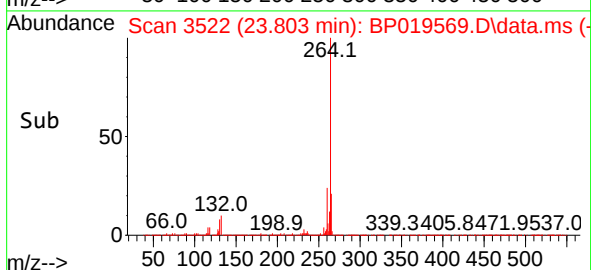
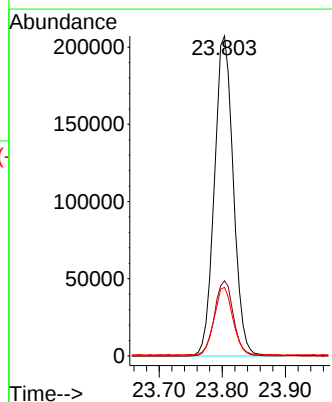
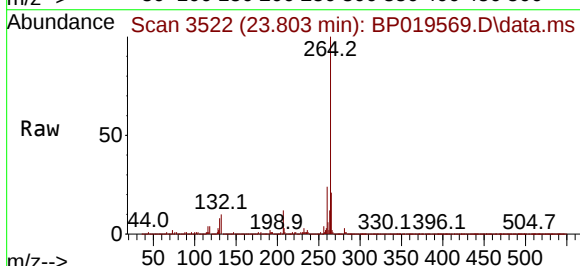
Tgt Ion:264 Resp: 430318

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.884 ng

RT: 26.315 min Scan# 3949

Delta R.T. -0.029 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

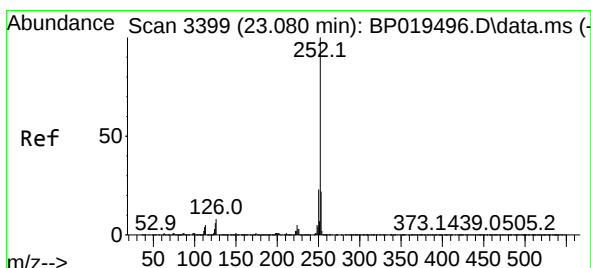
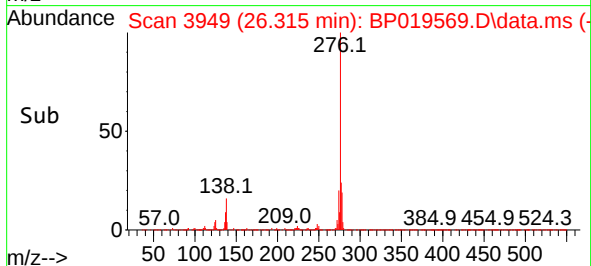
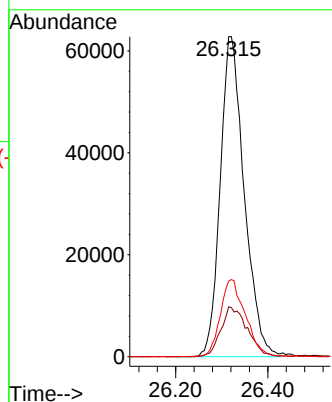
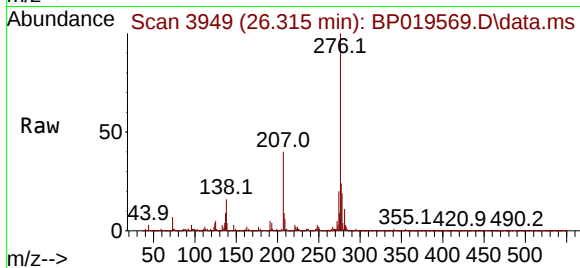
Tgt Ion:276 Resp: 226761

Ion Ratio Lower Upper

276 100

138 17.2 13.1 19.7

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 6.436 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.018 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

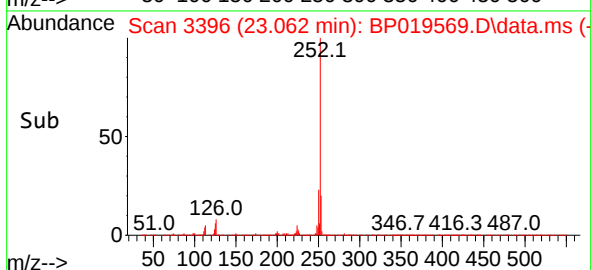
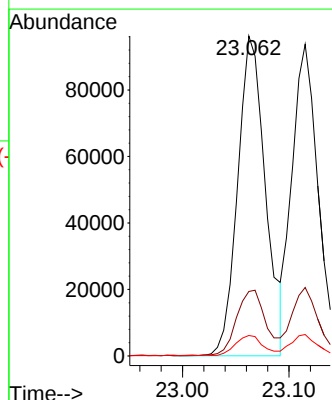
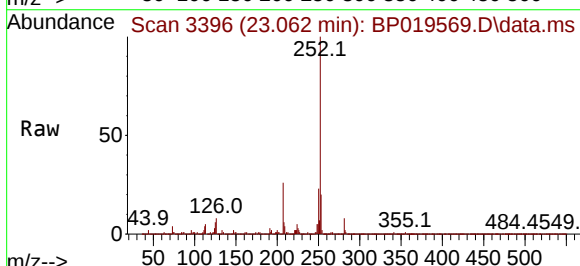
Tgt Ion:252 Resp: 174550

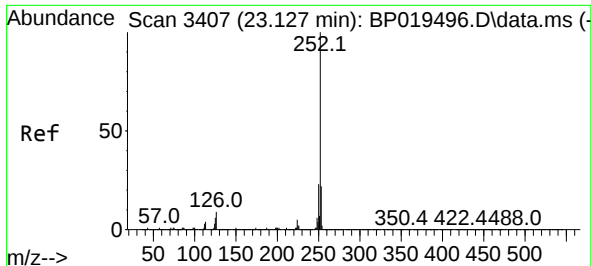
Ion Ratio Lower Upper

252 100

253 20.2 17.3 25.9

125 6.4 4.9 7.3

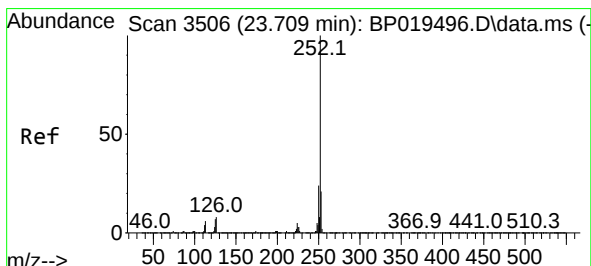
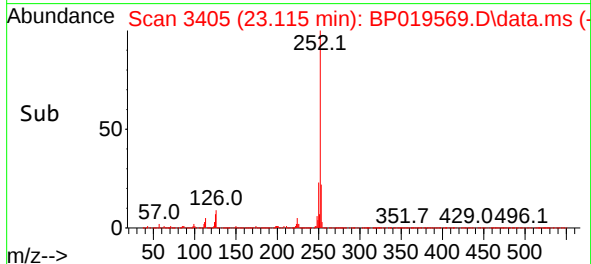
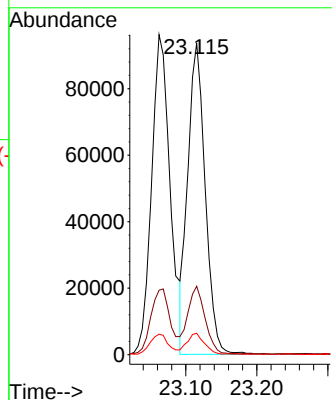
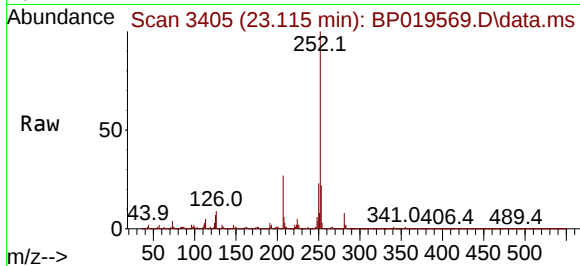




#89
Benzo(k)fluoranthene
Concen: 6.168 ng
RT: 23.115 min Scan# 3405
Delta R.T. -0.012 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

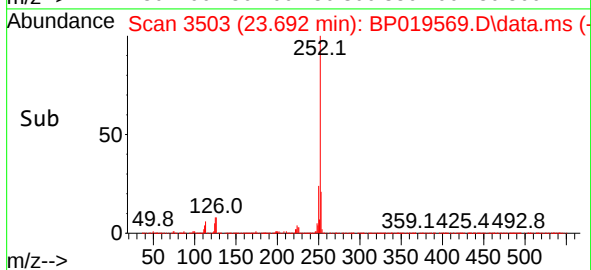
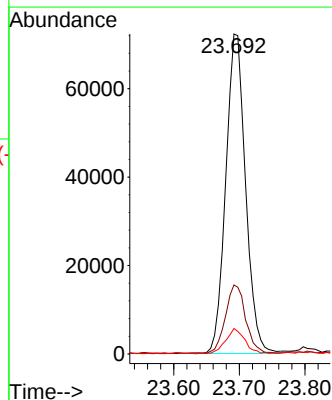
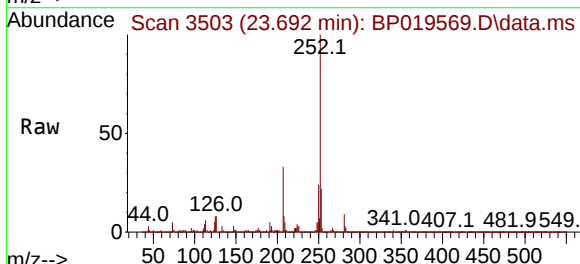
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

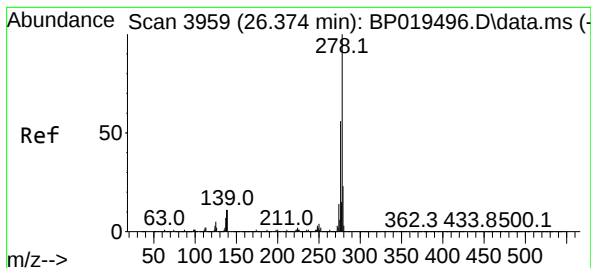
Tgt Ion:252 Resp: 159795
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 6.9 5.0 7.6



#90
Benzo(a)pyrene
Concen: 6.279 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.018 min
Lab File: BP019569.D
Acq: 06 Feb 2024 12:30

Tgt Ion:252 Resp: 151532
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: 6.898 ng

RT: 26.356 min Scan# 3956

Delta R.T. -0.018 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT4-2023

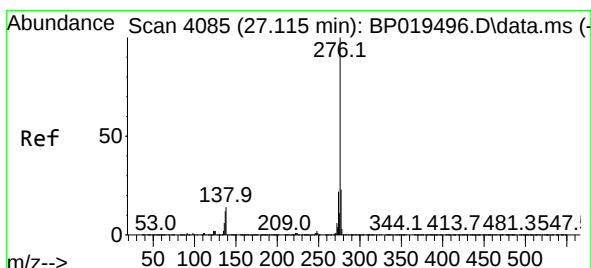
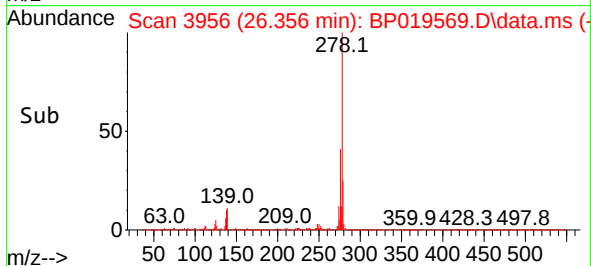
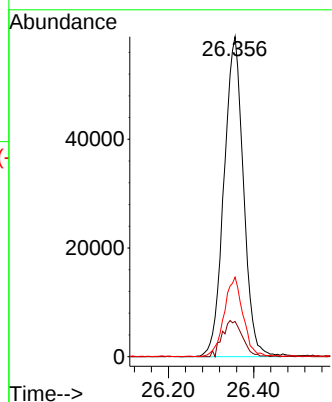
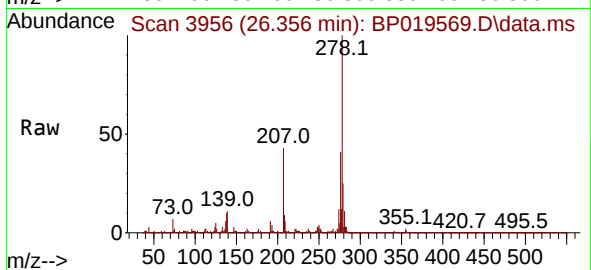
Tgt Ion:278 Resp: 186863

Ion Ratio Lower Upper

278 100

139 11.0 8.6 12.8

279 24.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 6.637 ng

RT: 27.091 min Scan# 4081

Delta R.T. -0.024 min

Lab File: BP019569.D

Acq: 06 Feb 2024 12:30

Tgt Ion:276 Resp: 182419

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 16.2 10.9 16.3

