

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015305.D
 Acq On : 26 May 2023 12:19
 Operator : CG/JU
 Sample : 02213-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Quant Time: May 26 13:48:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	218427	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	838543	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	505922	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	1003084	20.000	ng	0.00
76) Chrysene-d12	21.580	240	845202	20.000	ng	0.00
86) Perylene-d12	24.133	264	984416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1291652	97.989	ng	0.00
7) Phenol-d6	7.258	99	1688222	97.728	ng	0.00
23) Nitrobenzene-d5	9.287	82	1211115	70.520	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	638161	92.821	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	2585177	68.602	ng	0.00
79) Terphenyl-d14	20.039	244	3072521	68.378	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	42264	7.239	ng	96
3) Pyridine	3.887	79	95712	6.415	ng	96
4) n-Nitrosodimethylamine	3.787	42	49151	7.058	ng	# 96
6) Aniline	7.428	93	156207	7.154	ng	98
8) 2-Chlorophenol	7.663	128	97857	7.104	ng	95
9) Benzaldehyde	7.240	77	93538	6.550	ng	99
10) Phenol	7.287	94	123965	7.165	ng	96
11) bis(2-Chloroethyl)ether	7.522	93	105245	7.258	ng	95
12) 1,3-Dichlorobenzene	7.993	146	114308	7.458	ng	99
13) 1,4-Dichlorobenzene	8.146	146	117176	7.595	ng	99
14) 1,2-Dichlorobenzene	8.463	146	110418	7.501	ng	99
15) Benzyl Alcohol	8.352	79	79688	6.609	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.646	45	141417	7.563	ng	98
17) 2-Methylphenol	8.552	107	81157	6.592	ng	98
18) Hexachloroethane	9.199	117	41516	7.140	ng	98
19) n-Nitroso-di-n-propyla...	8.922	70	80993	7.326	ng	98
20) 3+4-Methylphenols	8.881	107	108908	6.548	ng	99
22) Acetophenone	8.940	105	163095	7.488	ng	# 99
24) Nitrobenzene	9.328	77	124620	7.287	ng	98
25) Isophorone	9.852	82	207656	6.738	ng	97
26) 2-Nitrophenol	10.046	139	46168	6.151	ng	93
27) 2,4-Dimethylphenol	10.099	122	86864	6.903	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	140221	7.382	ng	99
29) 2,4-Dichlorophenol	10.581	162	85602	6.561	ng	99
30) 1,2,4-Trichlorobenzene	10.799	180	106290	7.303	ng	99
31) Naphthalene	10.987	128	320562	7.259	ng	99
32) Benzoic acid	10.169	122	25195	8.537	ng	97
33) 4-Chloroaniline	11.099	127	121021	6.628	ng	97
34) Hexachlorobutadiene	11.269	225	64989	7.048	ng	99
35) Caprolactam	11.869	113	21597	5.392	ng	97
36) 4-Chloro-3-methylphenol	12.210	107	90775	6.399	ng	97
37) 2-Methylnaphthalene	12.587	142	218202	6.952	ng	98
38) 1-Methylnaphthalene	12.804	142	203122	6.936	ng	99
40) 1,2,4,5-Tetrachloroben...	12.951	216	120592	7.264	ng	99
41) Hexachlorocyclopentadiene	12.922	237	57401	6.528	ng	98
43) 2,4,6-Trichlorophenol	13.187	196	68165	6.326	ng	99

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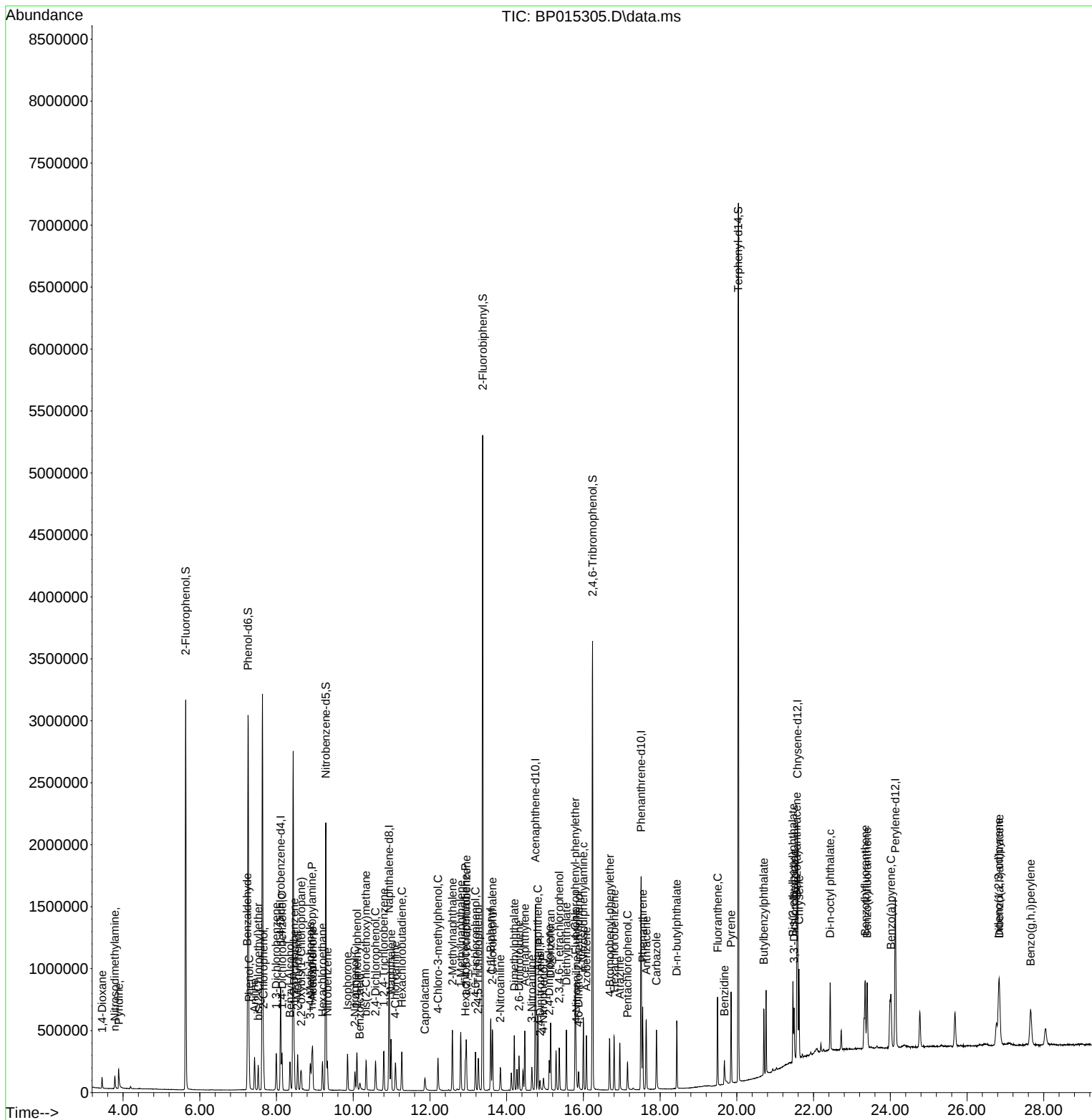
Instrument :
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 MDL-WATER-03-QT2-2023

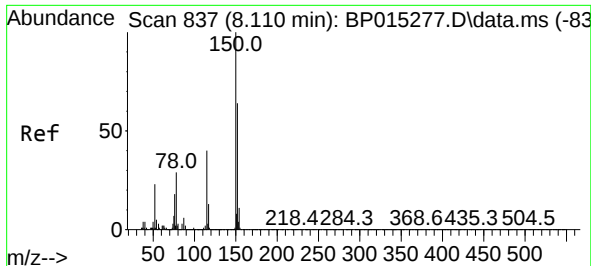
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	74457	5.878	ng	96
46) 1,1'-Biphenyl	13.587	154	295955	7.383	ng	98
47) 2-Chloronaphthalene	13.628	162	220956	7.307	ng	98
48) 2-Nitroaniline	13.834	65	52560	5.690	ng	91
49) Acenaphthylene	14.475	152	326872	6.756	ng	100
50) Dimethylphthalate	14.198	163	261121	6.597	ng	99
51) 2,6-Dinitrotoluene	14.322	165	50327	6.022	ng	94
52) Acenaphthene	14.810	154	202868	7.040	ng	96
53) 3-Nitroaniline	14.657	138	46927	5.494	ng	95
54) 2,4-Dinitrophenol	14.869	184	19663	8.457	ng	97
55) Dibenzofuran	15.145	168	328545	6.969	ng	100
56) 4-Nitrophenol	14.957	139	32027	7.514	ng	92
57) 2,4-Dinitrotoluene	15.110	165	63420	5.772	ng	95
58) Fluorene	15.798	166	255784	7.025	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.369	232	62891	6.208	ng	97
60) Diethylphthalate	15.557	149	252076	6.393	ng	99
61) 4-Chlorophenyl-phenyle...	15.787	204	128512	6.893	ng	98
62) 4-Nitroaniline	15.816	138	41961	6.655	ng	96
63) Azobenzene	16.081	77	245637	6.530	ng	98
65) 4,6-Dinitro-2-methylph...	15.875	198	30651	5.031	ng	90
66) n-Nitrosodiphenylamine	15.998	169	212094	7.096	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	74806	6.897	ng	95
68) Hexachlorobenzene	16.804	284	86907	7.276	ng	97
69) Atrazine	16.951	200	68248	7.151	ng	97
70) Pentachlorophenol	17.151	266	41487	5.068	ng	97
71) Phenanthrene	17.545	178	374823	7.011	ng	100
72) Anthracene	17.639	178	365185	6.821	ng	100
73) Carbazole	17.904	167	310821	6.556	ng	99
74) Di-n-butylphthalate	18.433	149	362892	5.960	ng	99
75) Fluoranthene	19.498	202	399150	6.391	ng	100
77) Benzidine	19.675	184	144435	10.792	ng	99
78) Pyrene	19.851	202	423165	6.997	ng	99
80) Butylbenzylphthalate	20.704	149	146496	5.716	ng	96
81) Benzo(a)anthracene	21.563	228	395967	6.743	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	140101	7.724	ng	98
83) Chrysene	21.622	228	383760	6.815	ng	99
84) Bis(2-ethylhexyl)phtha...	21.463	149	211813	5.612	ng	99
85) Di-n-octyl phthalate	22.433	149	352834	5.526	ng	98
87) Indeno(1,2,3-cd)pyrene	26.827	276	479013	6.713	ng	98
88) Benzo(b)fluoranthene	23.345	252	395298	6.605	ng	98
89) Benzo(k)fluoranthene	23.398	252	402524	6.679	ng	98
90) Benzo(a)pyrene	24.015	252	352841	6.106	ng	99
91) Dibenzo(a,h)anthracene	26.845	278	395612	6.752	ng	98
92) Benzo(g,h,i)perylene	27.662	276	390197	6.554	ng	97

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

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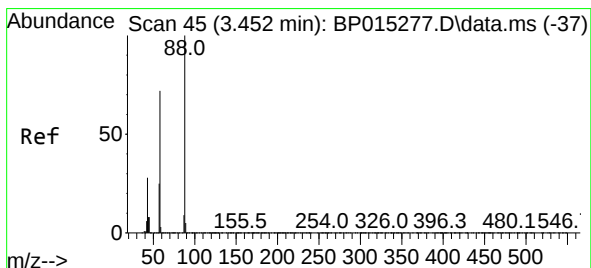
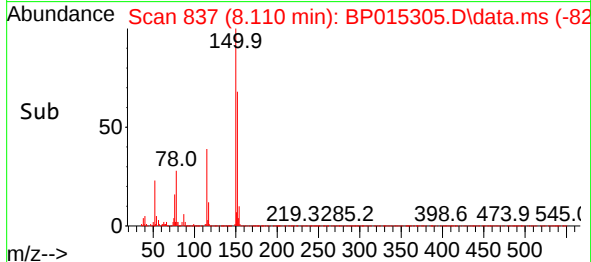
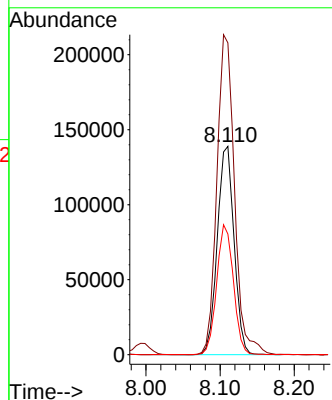
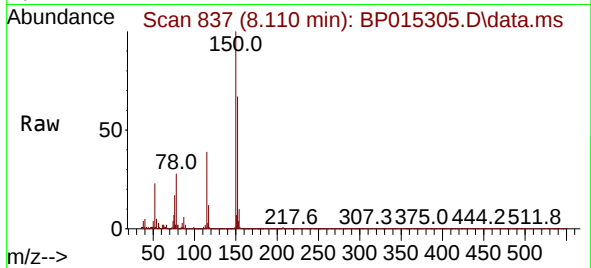




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.110 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP015305.D
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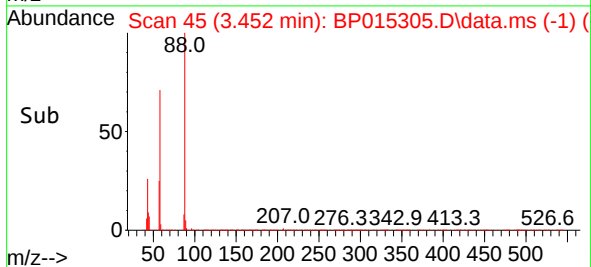
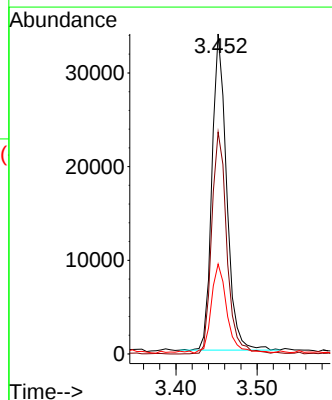
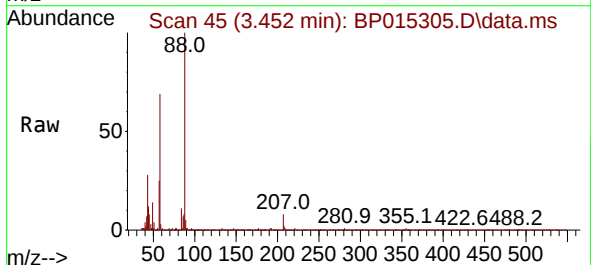
Instrument :
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 MDL-WATER-03-QT2-2023

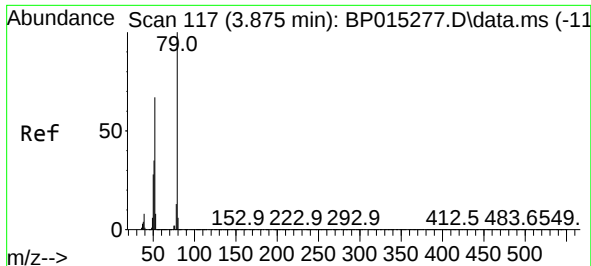
Tgt Ion:152 Resp: 218427
 Ion Ratio Lower Upper
 152 100
 150 149.7 124.2 186.2
 115 57.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 7.239 ng
 RT: 3.452 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BP015305.D
 Acq: 26 May 2023 12:19

Tgt Ion: 88 Resp: 42264
 Ion Ratio Lower Upper
 88 100
 58 73.0 56.2 84.4
 43 30.1 22.1 33.1

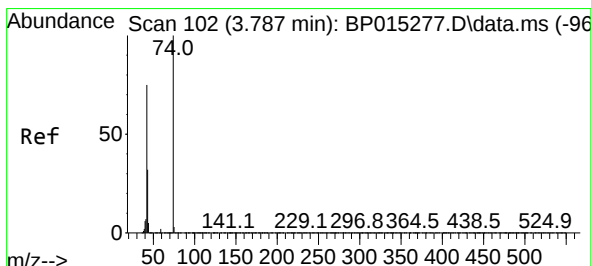
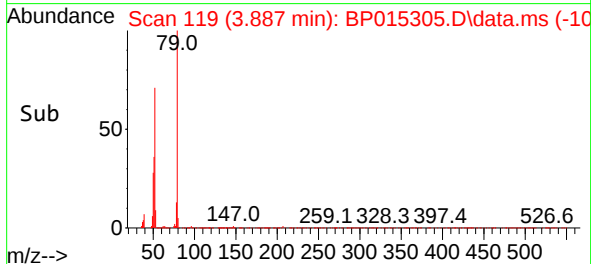
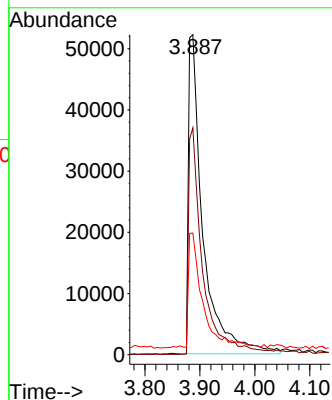
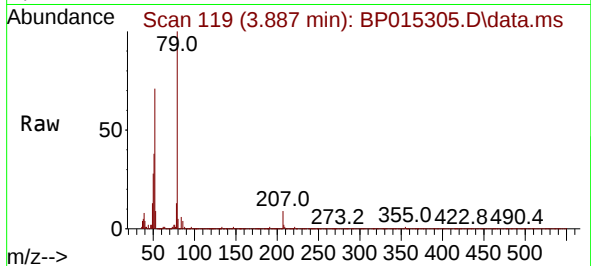




#3
Pyridine
Concen: 6.415 ng
RT: 3.887 min Scan# 117
Delta R.T. 0.012 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

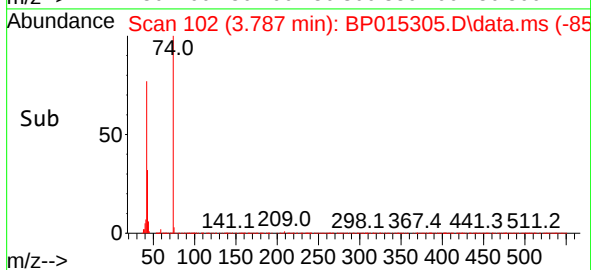
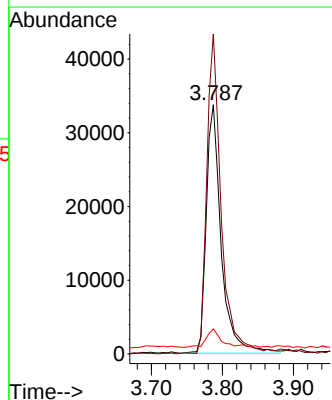
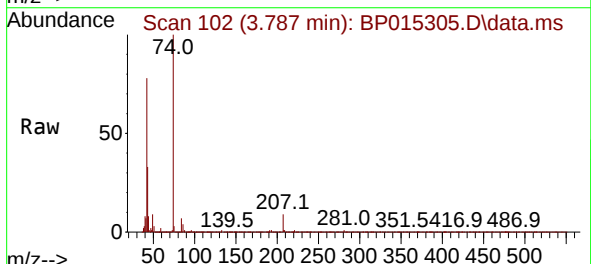
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

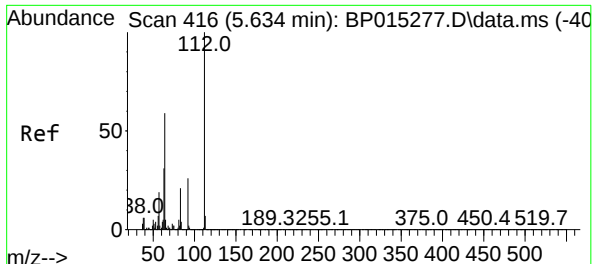
Tgt Ion: 79 Resp: 95712
Ion Ratio Lower Upper
79 100
52 70.9 53.7 80.5
51 38.0 28.6 43.0



#4
n-Nitrosodimethylamine
Concen: 7.058 ng
RT: 3.787 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 42 Resp: 49151
Ion Ratio Lower Upper
42 100
74 128.4 106.6 160.0
44 10.1 5.8 8.8

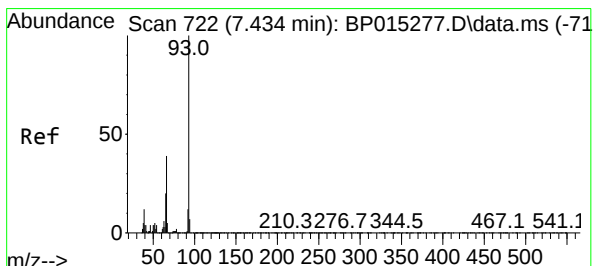
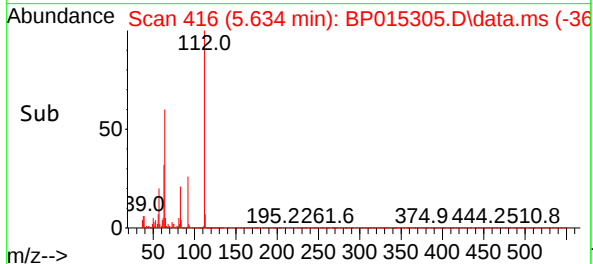
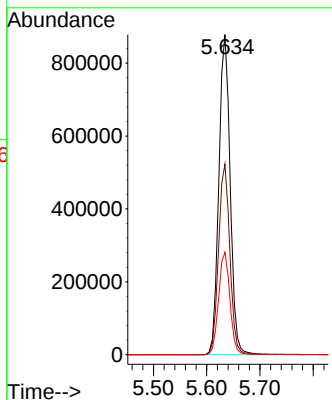
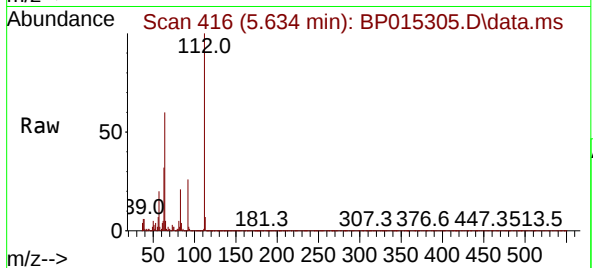




#5
2-Fluorophenol
Concen: 97.989 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

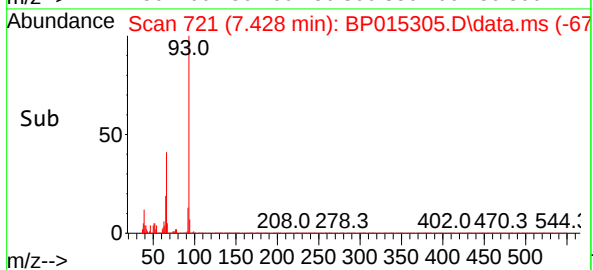
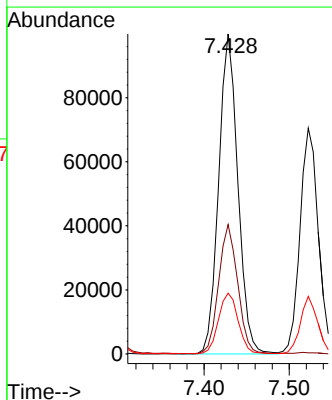
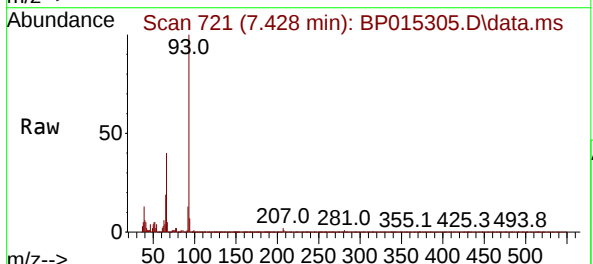
Instrument :
BNA_P
ClientSampleId :
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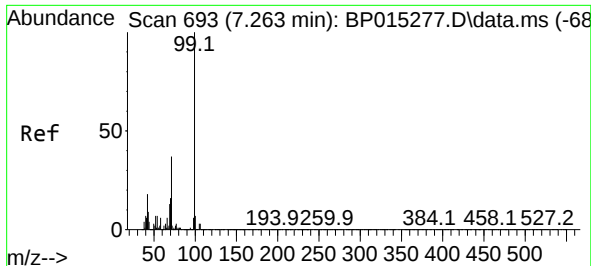
Tgt Ion:112 Resp: 1291652
Ion Ratio Lower Upper
112 100
64 59.5 47.2 70.8
63 32.0 24.6 37.0



#6
Aniline
Concen: 7.154 ng
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 93 Resp: 156207
Ion Ratio Lower Upper
93 100
66 40.5 31.3 46.9
65 19.0 16.0 24.0



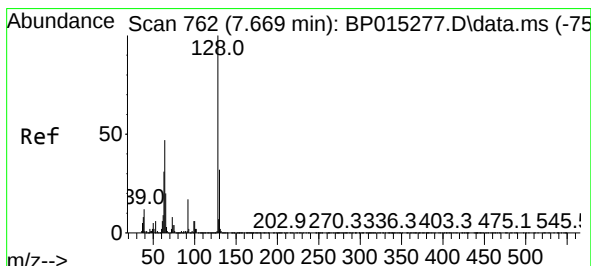
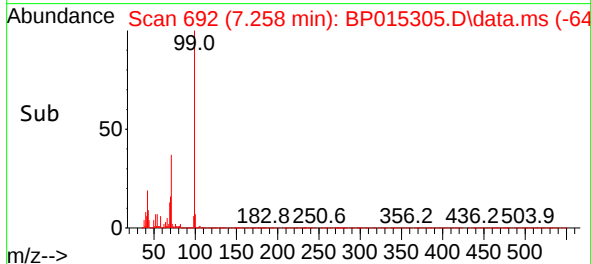
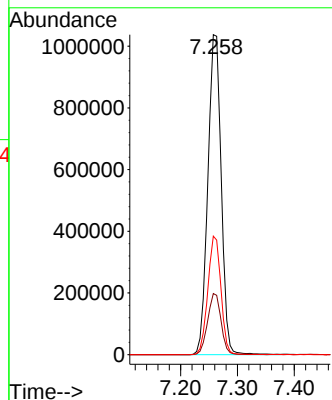
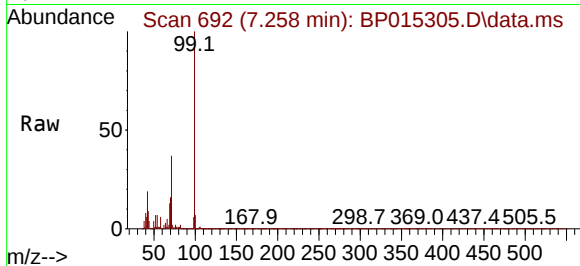


#7
Phenol-d6
Concen: 97.728 ng
RT: 7.258 min Scan# 692
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 1688222

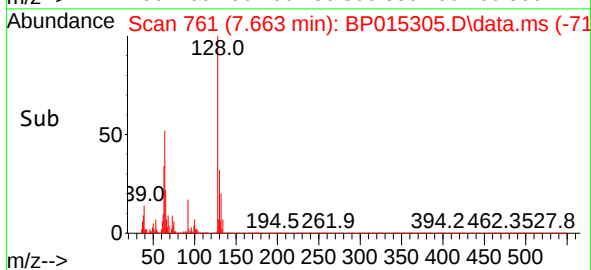
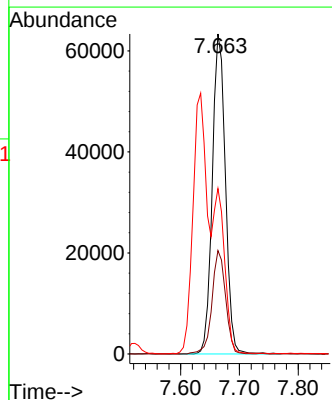
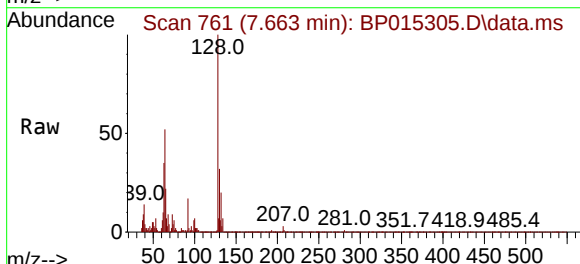
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.6	22.0
71	37.1	29.4	44.2

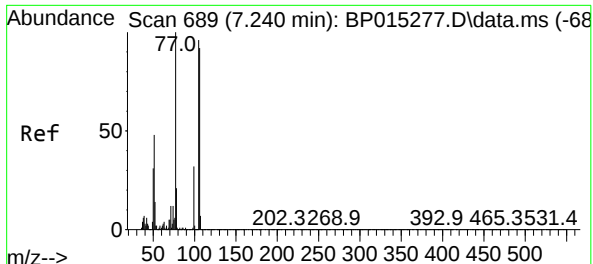


#8
2-Chlorophenol
Concen: 7.104 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 128 Resp: 97857

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.5	51.5
64	51.7	27.3	67.3

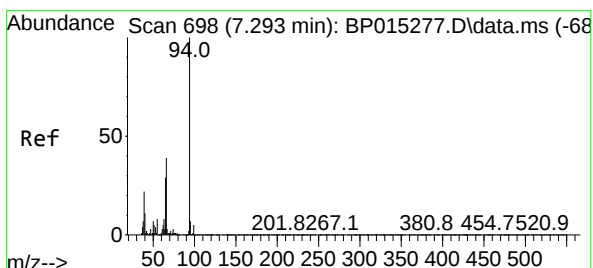
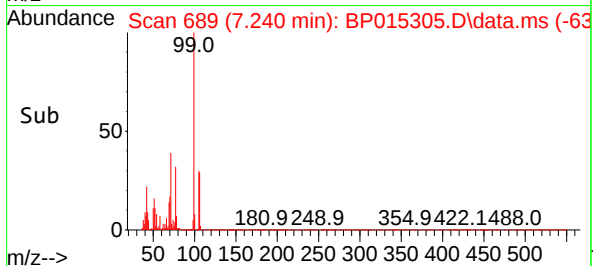
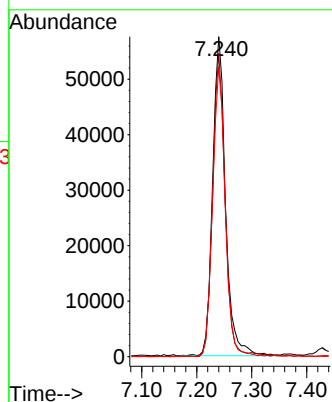
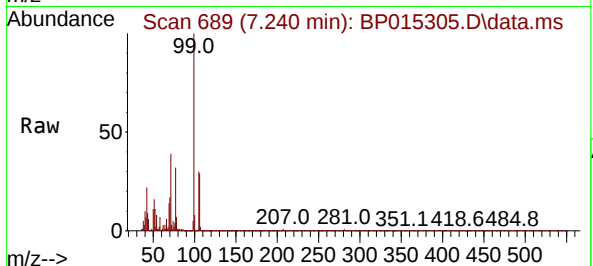




#9
Benzaldehyde
Concen: 6.550 ng
RT: 7.240 min Scan# 610
Delta R.T. -0.000 min
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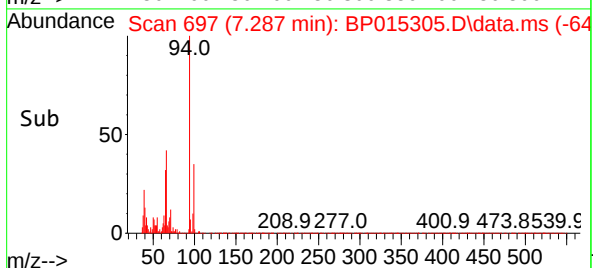
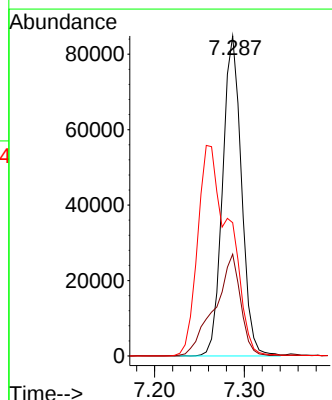
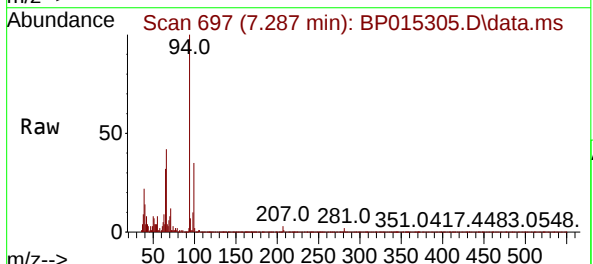
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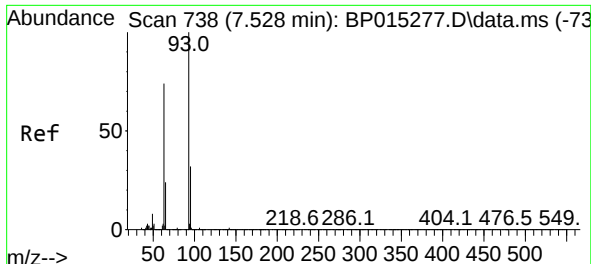
Tgt Ion: 77 Resp: 93538
Ion Ratio Lower Upper
77 100
105 94.7 75.9 115.9
106 90.6 72.3 112.3



#10
Phenol
Concen: 7.165 ng
RT: 7.287 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 94 Resp: 123965
Ion Ratio Lower Upper
94 100
65 31.8 9.1 49.1
66 41.7 19.3 59.3

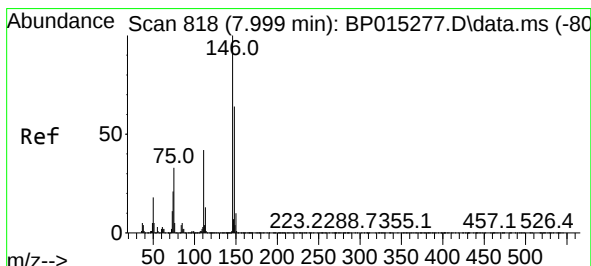
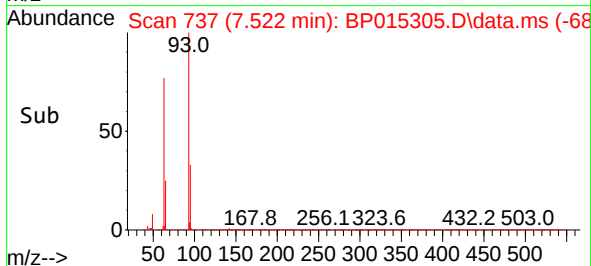
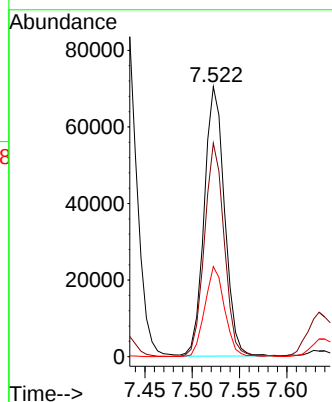
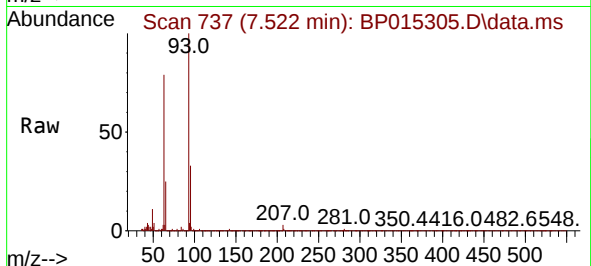




#11
bis(2-Chloroethyl)ether
Concen: 7.258 ng
RT: 7.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

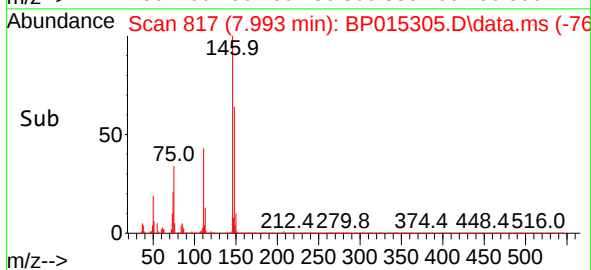
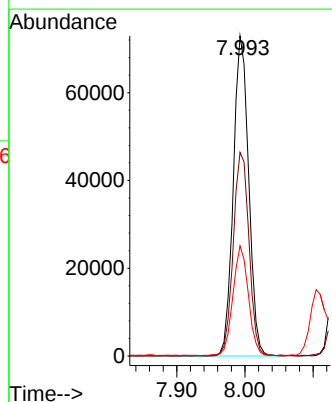
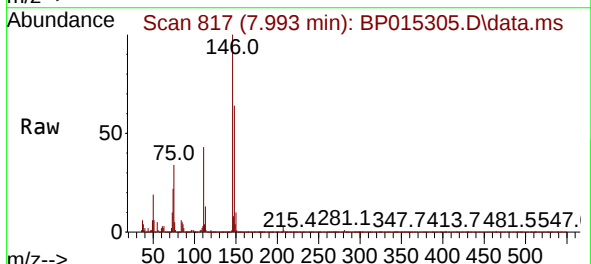
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

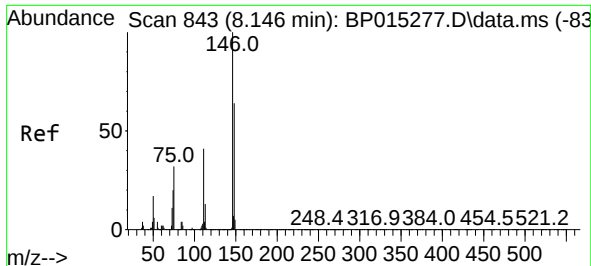
Tgt Ion: 93 Resp: 105245
Ion Ratio Lower Upper
93 100
63 79.1 53.9 93.9
95 33.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 7.458 ng
RT: 7.993 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:146 Resp: 114308
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
75 34.4 26.1 39.1

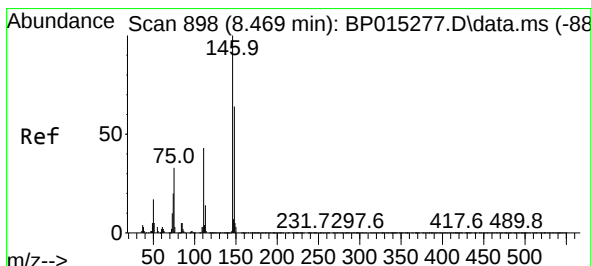
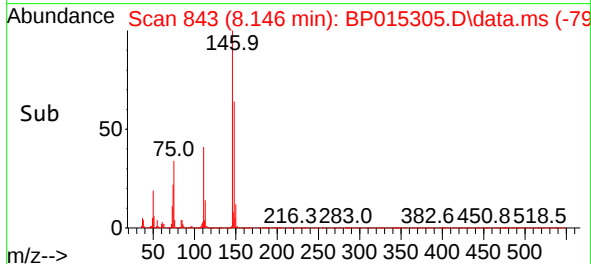
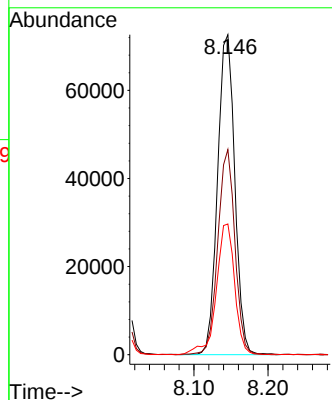
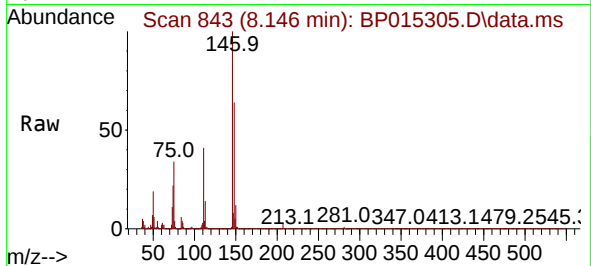




#13
1,4-Dichlorobenzene
Concen: 7.595 ng
RT: 8.146 min Scan# 843
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

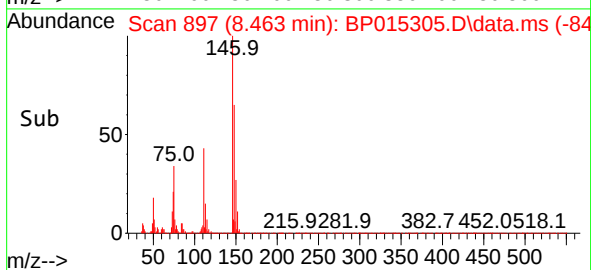
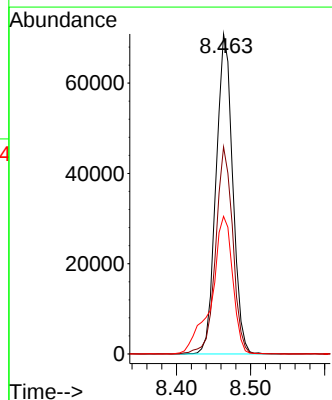
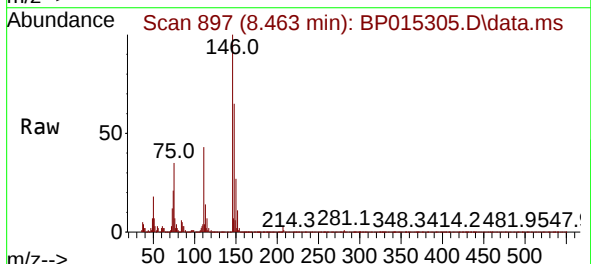
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

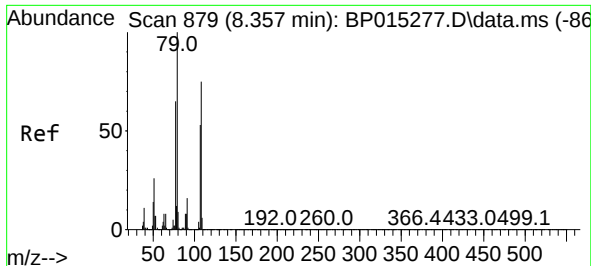
Tgt Ion:146 Resp: 117176
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 40.8 33.3 49.9



#14
1,2-Dichlorobenzene
Concen: 7.501 ng
RT: 8.463 min Scan# 897
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:146 Resp: 110418
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
111 43.0 34.2 51.2

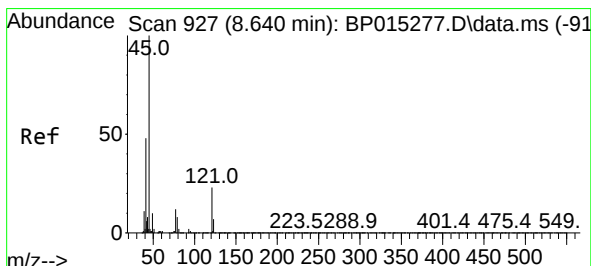
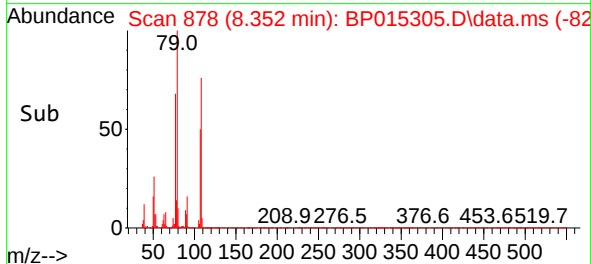
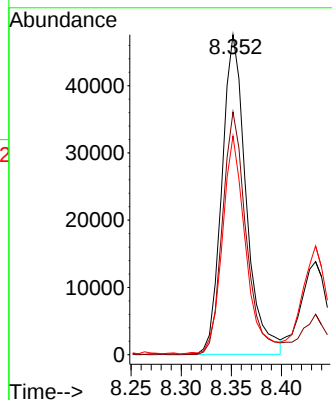
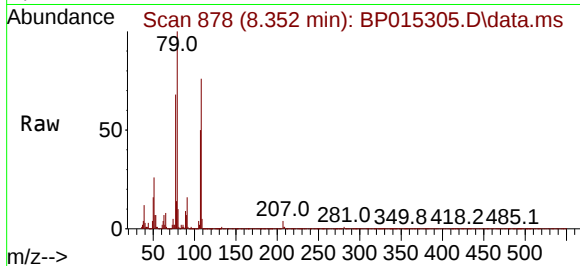




#15
Benzyl Alcohol
Concen: 6.609 ng
RT: 8.352 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

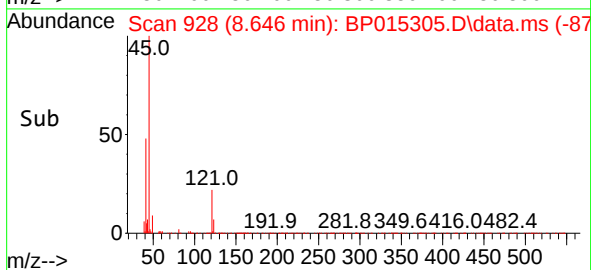
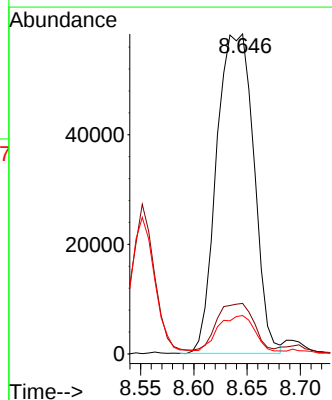
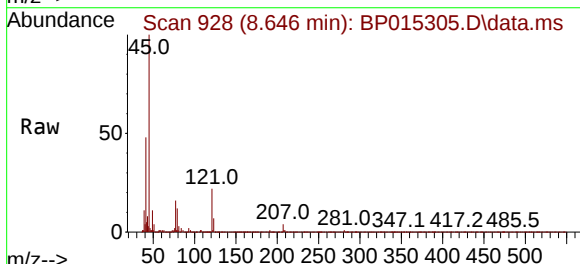
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

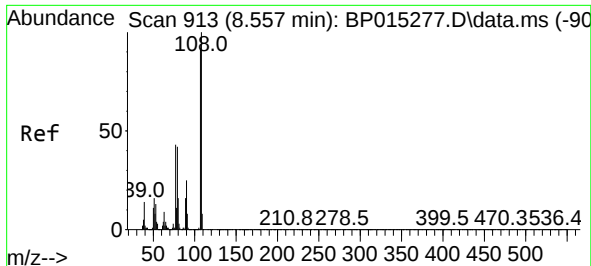
Tgt Ion: 79 Resp: 79688
Ion Ratio Lower Upper
79 100
108 75.8 60.2 90.2
77 68.3 52.1 78.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.563 ng
RT: 8.646 min Scan# 928
Delta R.T. 0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 45 Resp: 141417
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.3
79 12.0 0.0 31.2

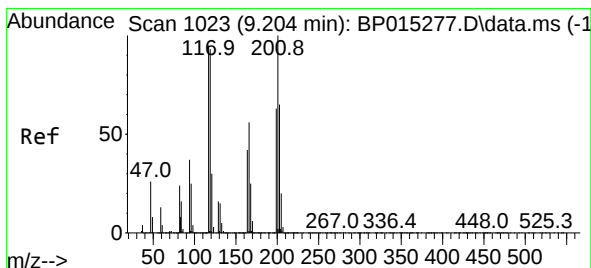
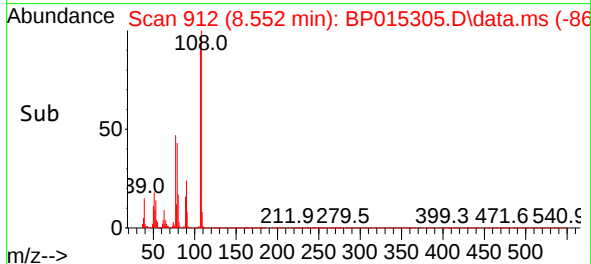
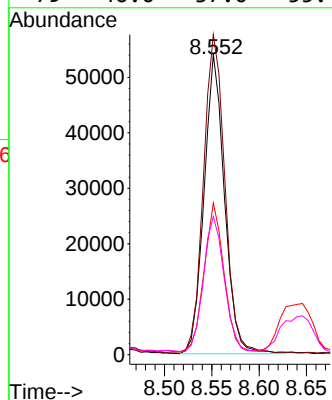
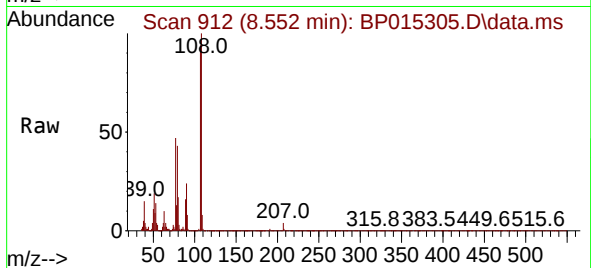




#17
2-Methylphenol
Concen: 6.592 ng
RT: 8.552 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

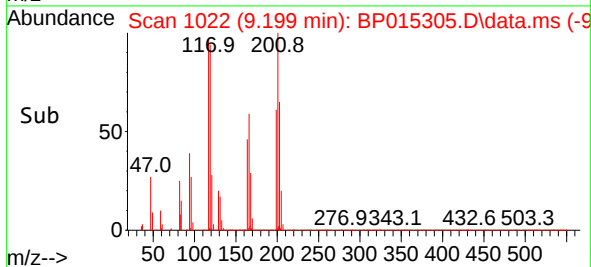
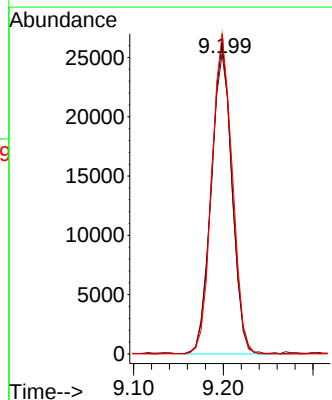
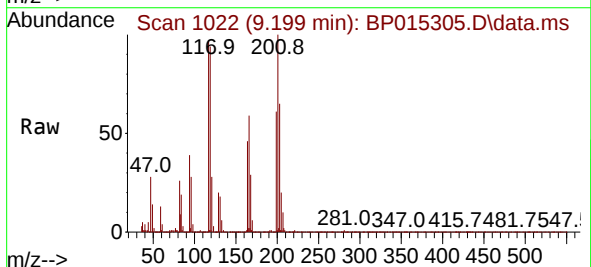
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

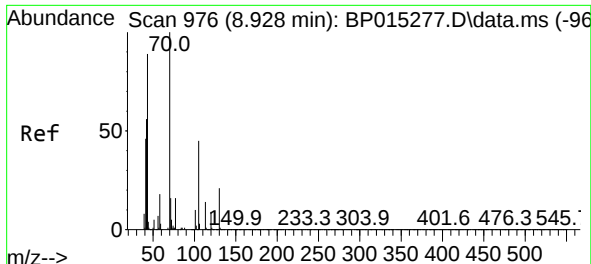
Tgt Ion:	107	Resp:	81157
Ion	Ratio	Lower	Upper
107	100		
108	106.5	87.3	130.9
77	50.5	38.1	57.1
79	46.0	37.0	55.4



#18
Hexachloroethane
Concen: 7.140 ng
RT: 9.199 min Scan# 1022
Delta R.T. -0.005 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:	117	Resp:	41516
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.8	118.2
201	102.8	84.5	126.7





#19

n-Nitroso-di-n-propylamine

Concen: 7.326 ng

RT: 8.922 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 70 Resp: 80993

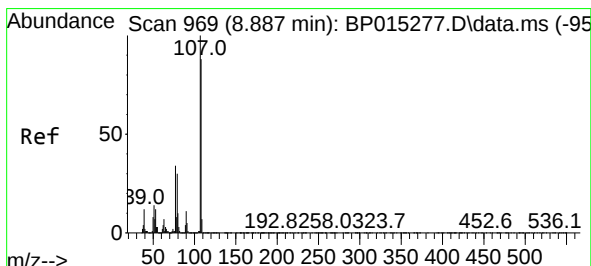
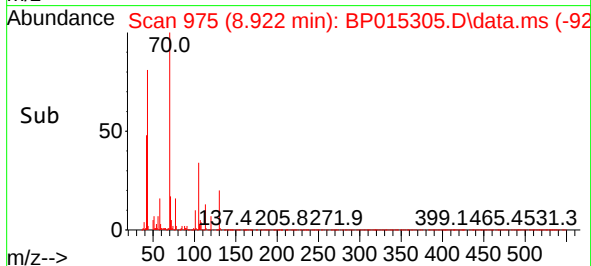
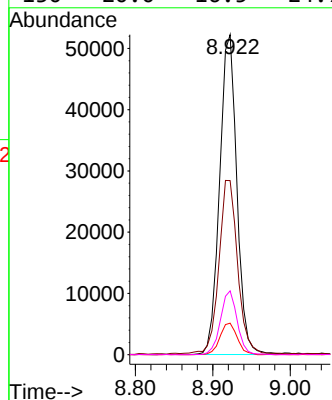
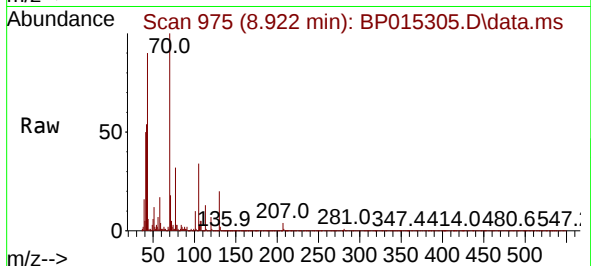
Ion Ratio Lower Upper

70 100

42 54.4 45.4 68.2

101 9.8 7.9 11.9

130 20.0 16.5 24.7



#20

3+4-Methylphenols

Concen: 6.548 ng

RT: 8.881 min Scan# 968

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion: 107 Resp: 108908

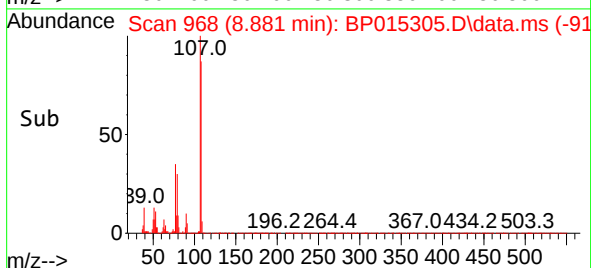
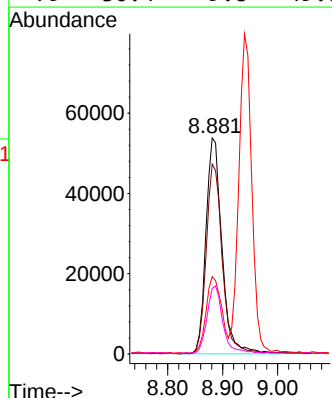
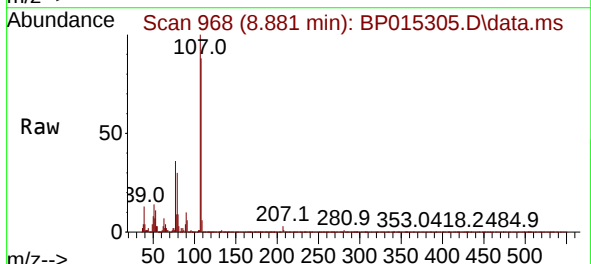
Ion Ratio Lower Upper

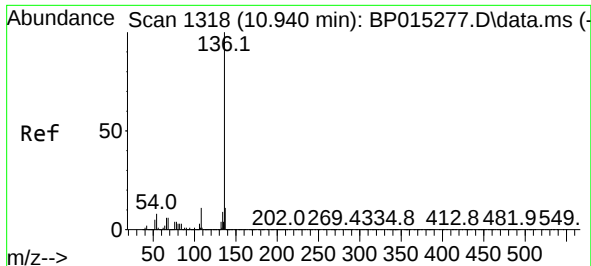
107 100

108 87.9 68.0 108.0

77 35.8 14.5 54.5

79 30.4 9.8 49.8

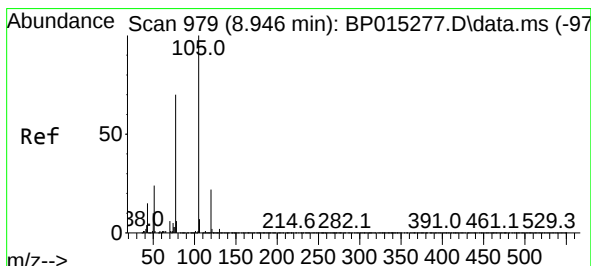
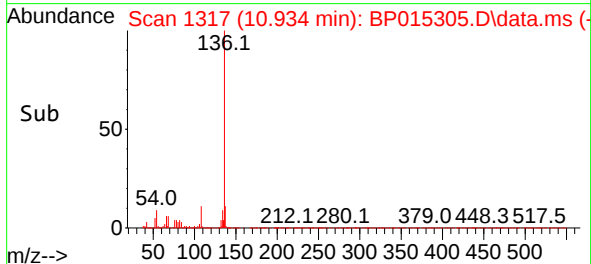
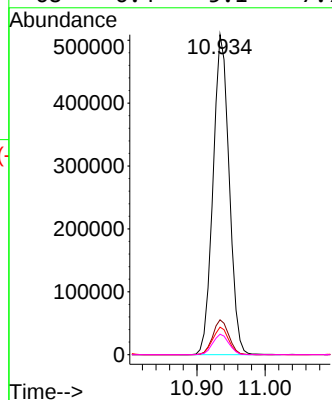
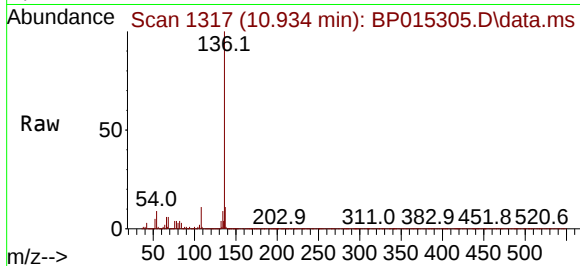




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

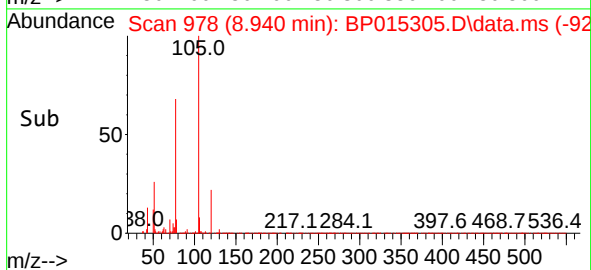
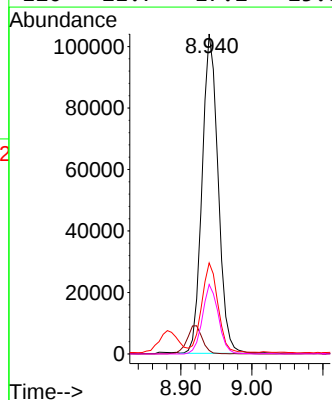
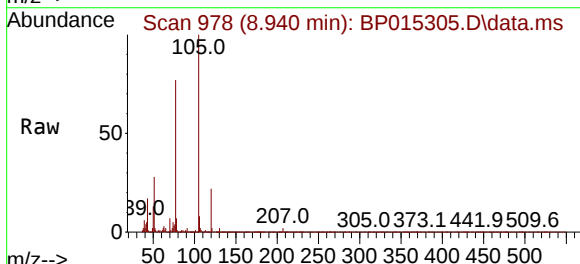
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

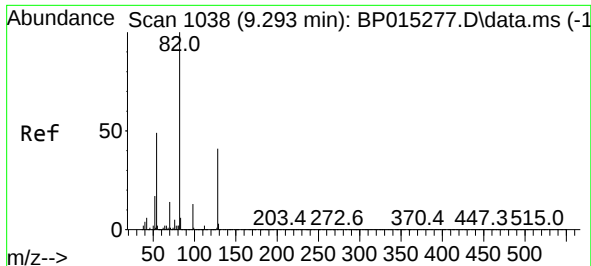
Tgt Ion:	136	Resp:	838543
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.6	6.3	9.5
68	6.4	5.1	7.7



#22
Acetophenone
Concen: 7.488 ng
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:	105	Resp:	163095
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.5	2.3
51	28.5	22.5	33.7
120	21.7	17.2	25.8

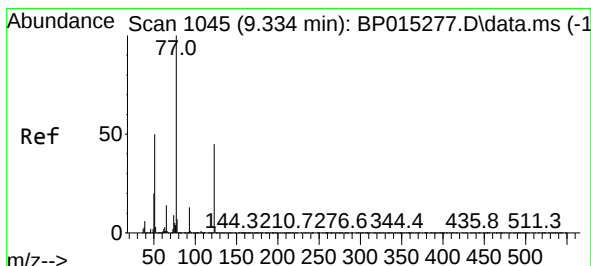
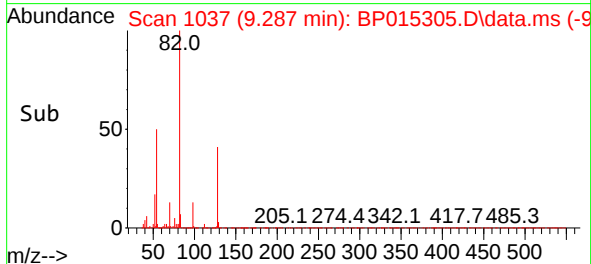
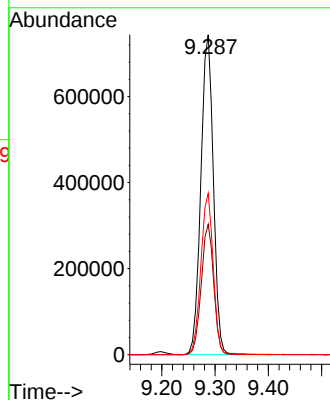
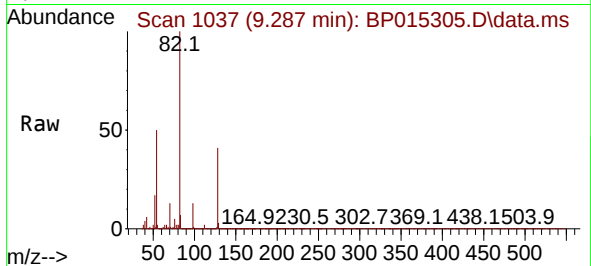




#23
Nitrobenzene-d5
Concen: 70.520 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

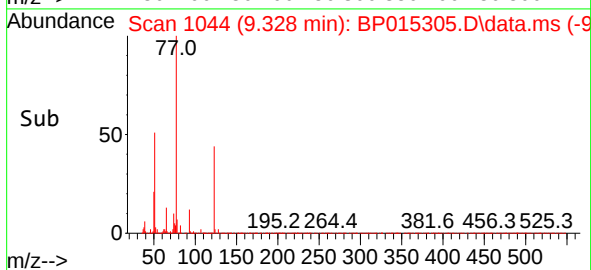
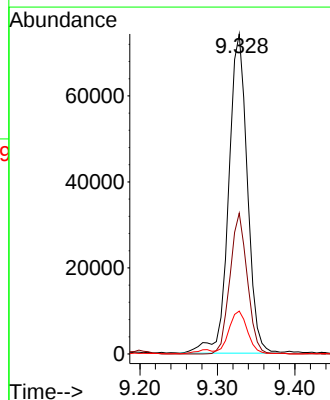
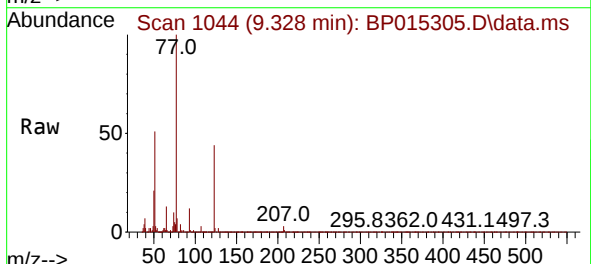
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

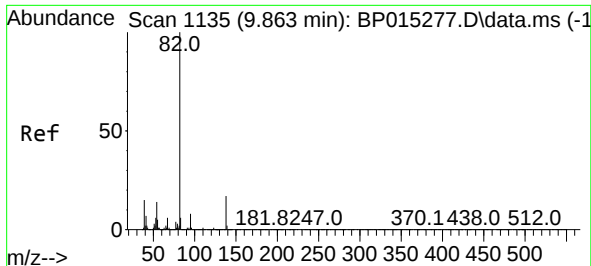
Tgt Ion: 82 Resp: 1211115
Ion Ratio Lower Upper
82 100
128 40.8 33.0 49.4
54 50.4 39.2 58.8



#24
Nitrobenzene
Concen: 7.287 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 77 Resp: 124620
Ion Ratio Lower Upper
77 100
123 44.0 36.2 54.4
65 13.4 10.8 16.2

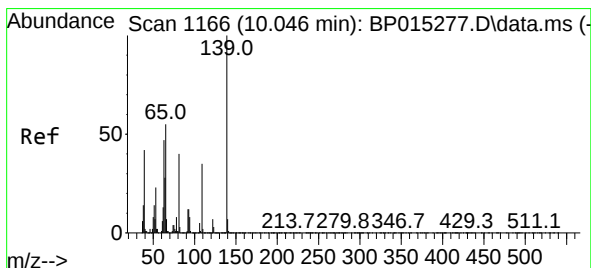
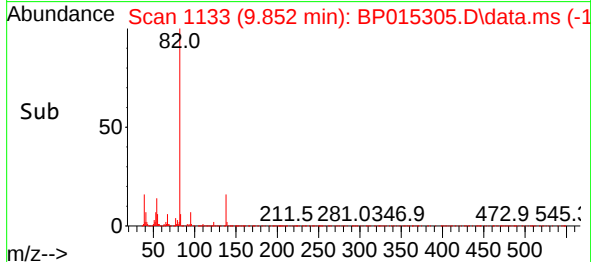
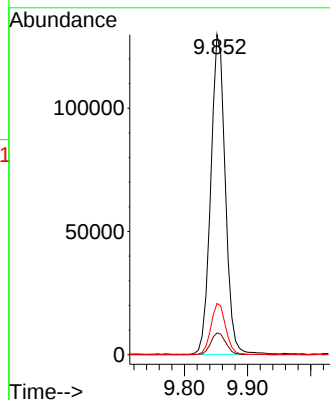
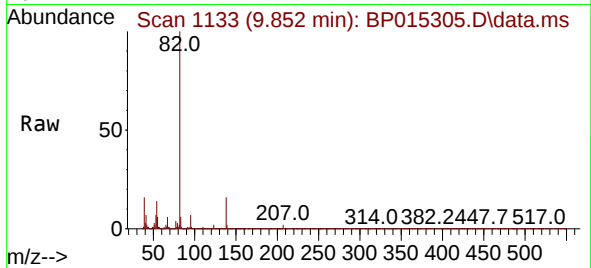




#25
Isophorone
Concen: 6.738 ng
RT: 9.852 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

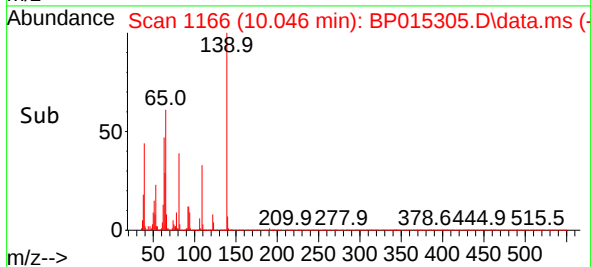
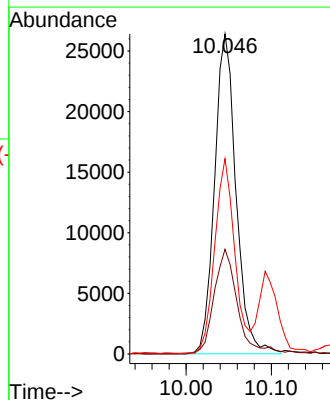
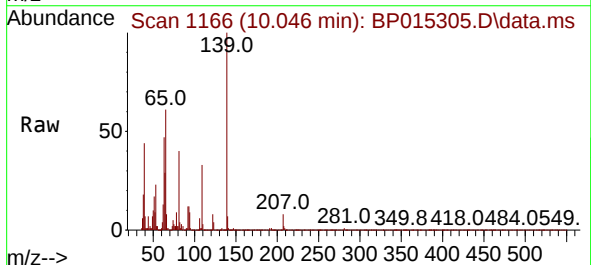
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2023

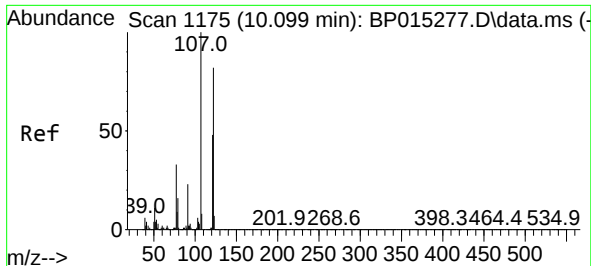
Tgt Ion: 82 Resp: 207656
Ion Ratio Lower Upper
82 100
95 6.8 6.3 9.5
138 16.0 13.6 20.4



#26
2-Nitrophenol
Concen: 6.151 ng
RT: 10.046 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 139 Resp: 46168
Ion Ratio Lower Upper
139 100
109 32.7 28.4 42.6
65 61.0 43.8 65.8

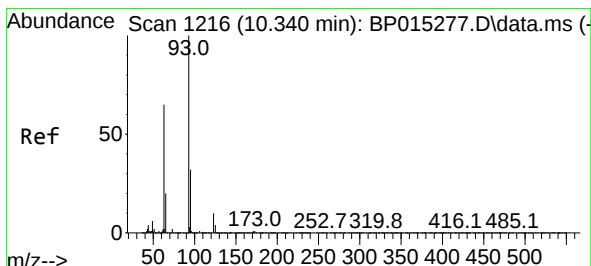
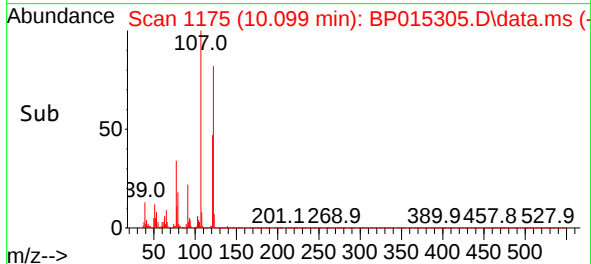
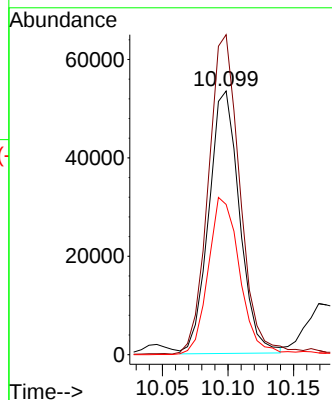
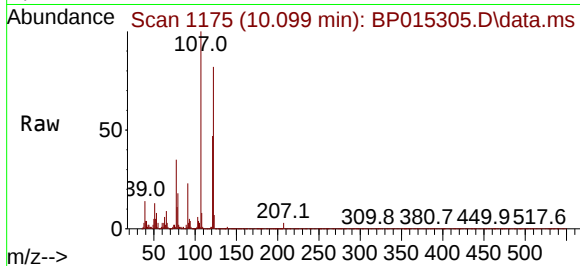




#27
2,4-Dimethylphenol
Concen: 6.903 ng
RT: 10.099 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

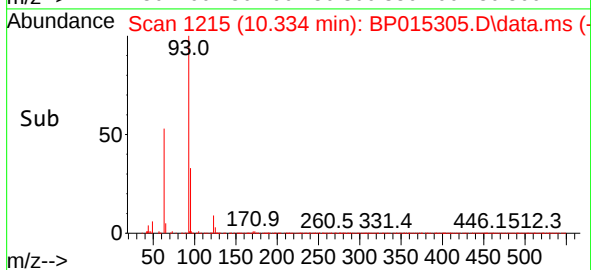
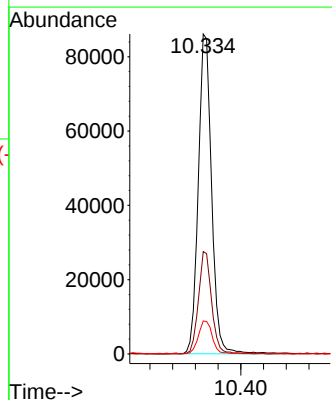
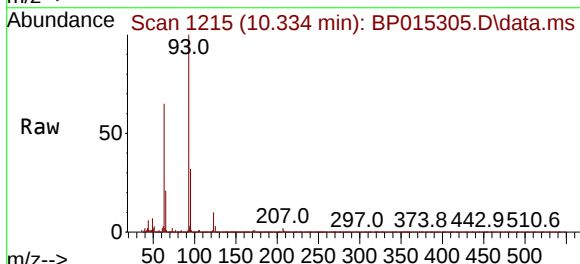
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

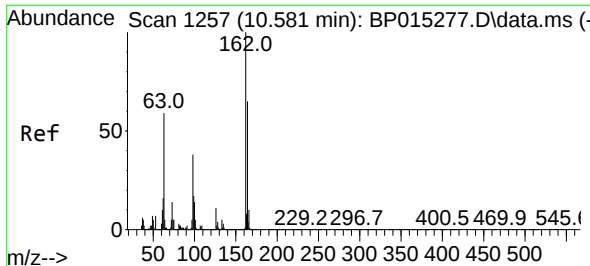
Tgt Ion:122 Resp: 86864
Ion Ratio Lower Upper
122 100
107 121.4 95.9 143.9
121 57.0 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 7.382 ng
RT: 10.334 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 93 Resp: 140221
Ion Ratio Lower Upper
93 100
95 32.0 26.0 39.0
123 10.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 6.561 ng

RT: 10.581 min Scan# 1257

Delta R.T. -0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

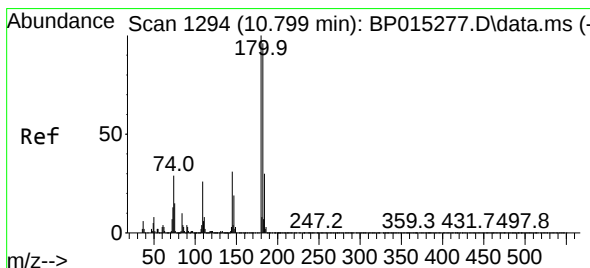
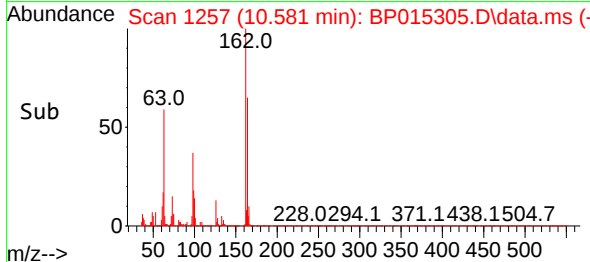
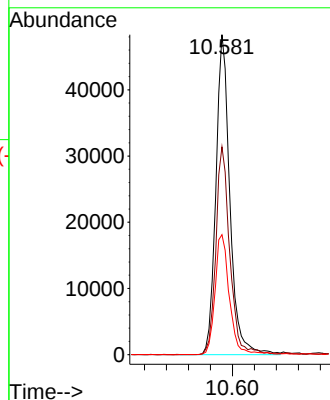
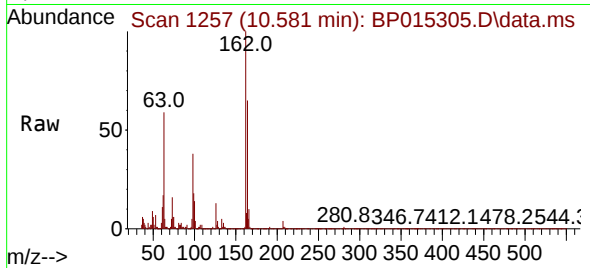
Tgt Ion:162 Resp: 85602

Ion Ratio Lower Upper

162 100

164 65.0 45.4 85.4

98 37.5 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 7.303 ng

RT: 10.799 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

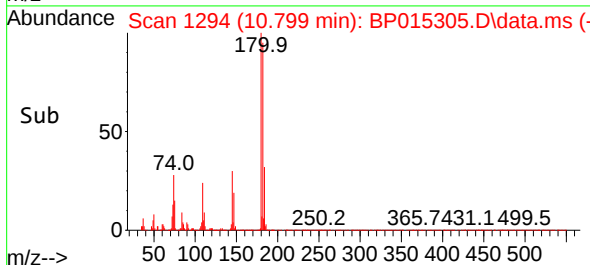
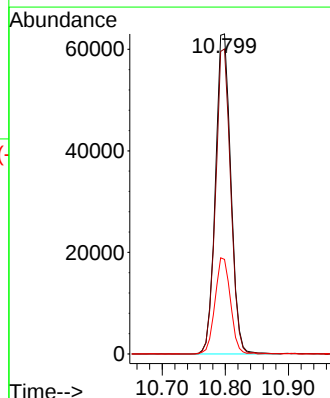
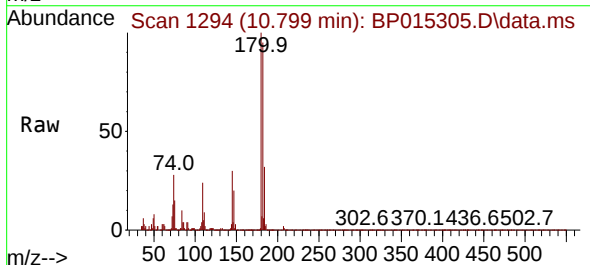
Tgt Ion:180 Resp: 106290

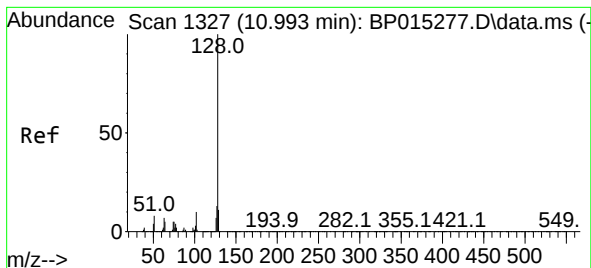
Ion Ratio Lower Upper

180 100

182 95.3 76.6 115.0

145 29.5 24.9 37.3





#31

Naphthalene

Concen: 7.259 ng

RT: 10.987 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

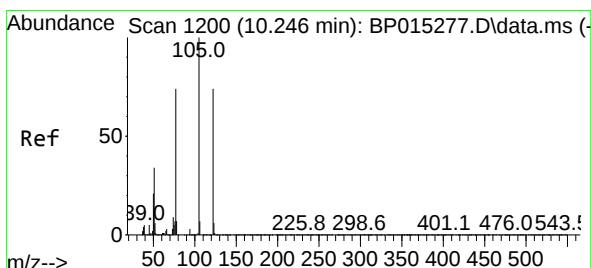
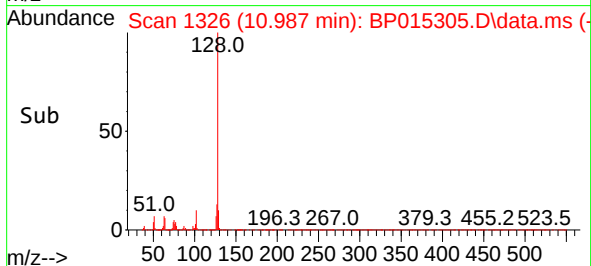
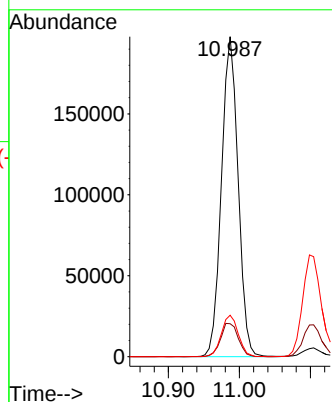
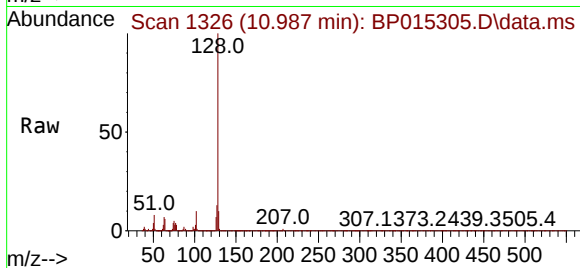
Tgt Ion:128 Resp: 320562

Ion Ratio Lower Upper

128 100

129 10.3 8.6 13.0

127 12.9 10.4 15.6



#32

Benzoic acid

Concen: 8.537 ng

RT: 10.169 min Scan# 1187

Delta R.T. -0.077 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

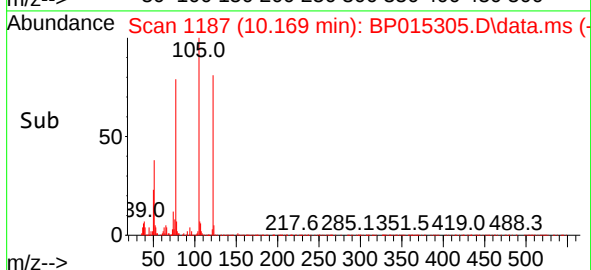
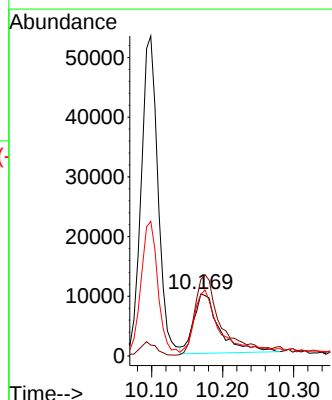
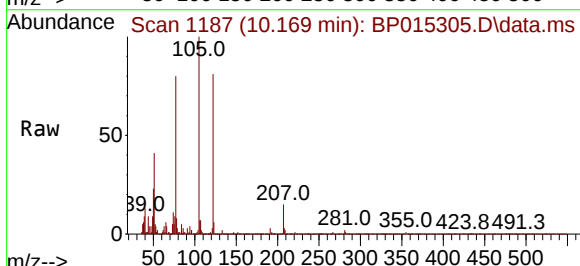
Tgt Ion:122 Resp: 25195

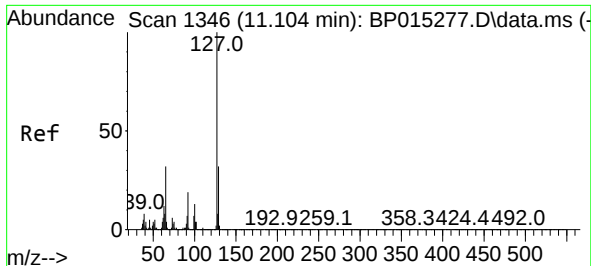
Ion Ratio Lower Upper

122 100

105 123.7 109.5 149.5

77 99.4 78.2 118.2

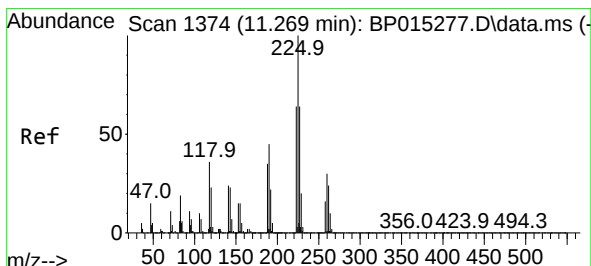
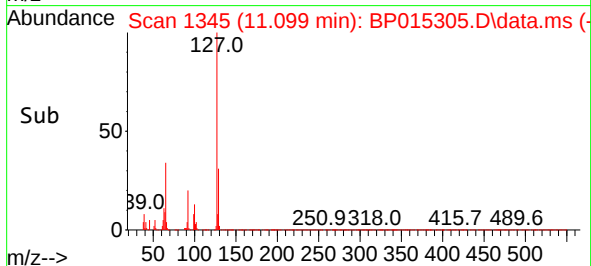
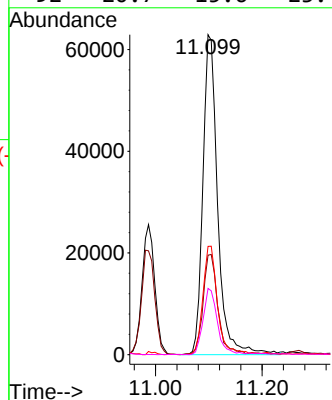
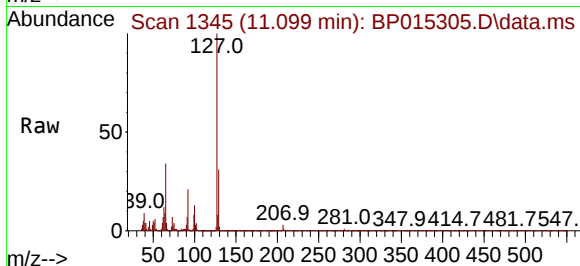




#33
4-Chloroaniline
Concen: 6.628 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

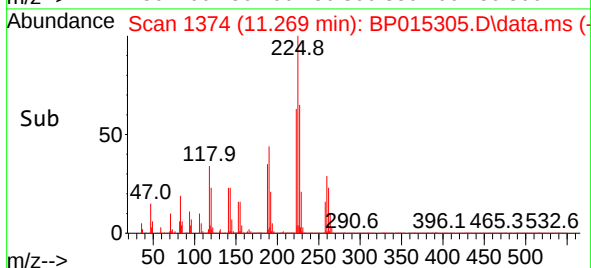
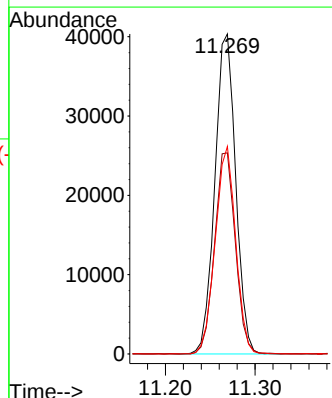
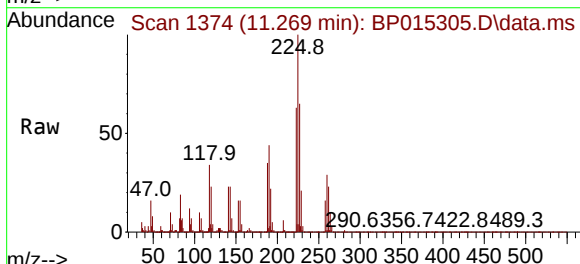
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

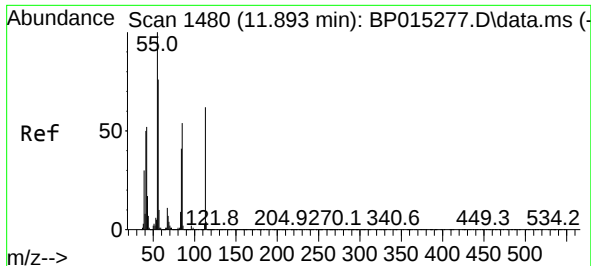
Tgt Ion:	127	Resp:	121021
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.5	38.3
65	33.8	25.3	37.9
92	20.7	15.6	23.4



#34
Hexachlorobutadiene
Concen: 7.048 ng
RT: 11.269 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:	225	Resp:	64989
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.4
227	64.9	51.4	77.2

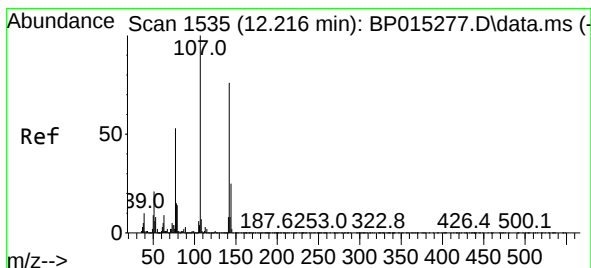
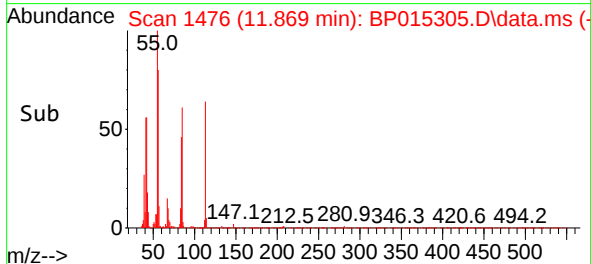
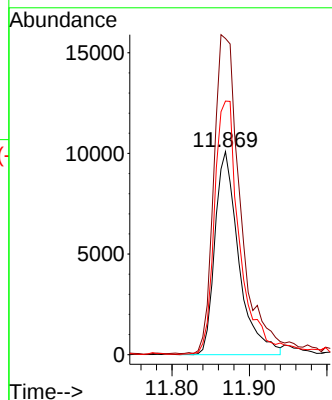
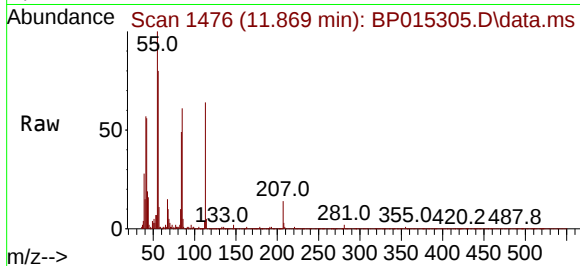




#35
Caprolactam
Concen: 5.392 ng
RT: 11.869 min Scan# 1480
Delta R.T. -0.024 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

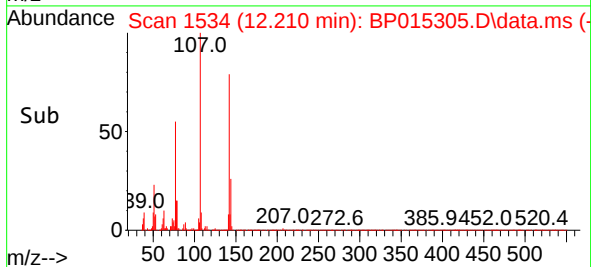
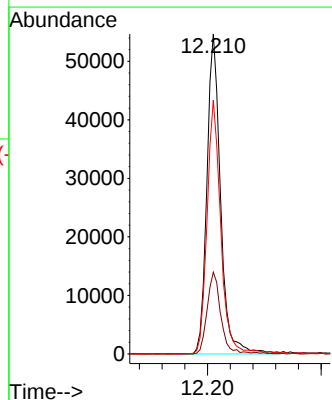
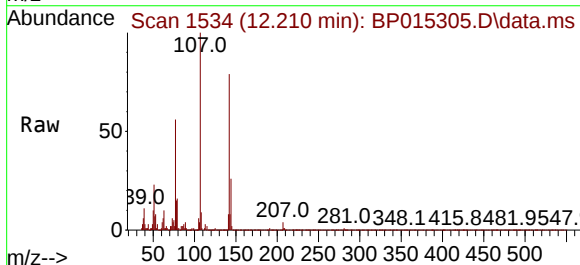
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

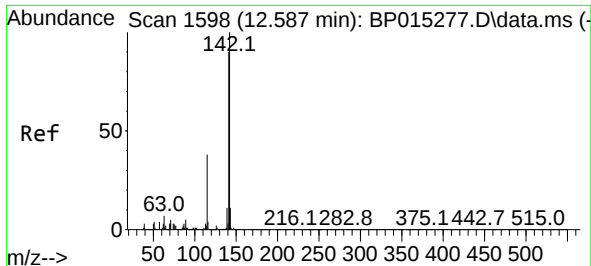
Tgt Ion:113 Resp: 21597
Ion Ratio Lower Upper
113 100
55 155.7 141.4 181.4
56 124.9 102.5 142.5



#36
4-Chloro-3-methylphenol
Concen: 6.399 ng
RT: 12.210 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:107 Resp: 90775
Ion Ratio Lower Upper
107 100
144 25.5 19.8 29.6
142 79.3 61.0 91.4

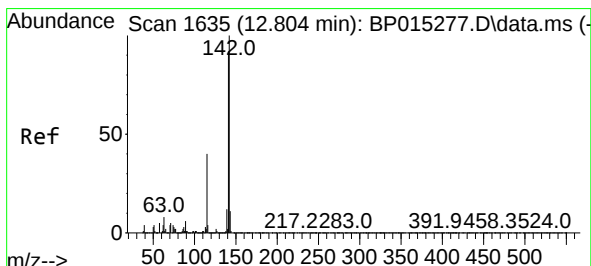
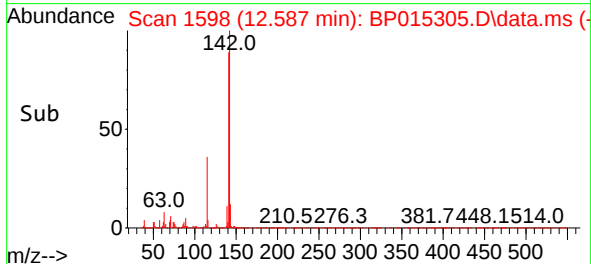
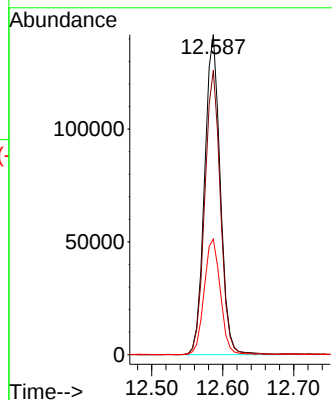
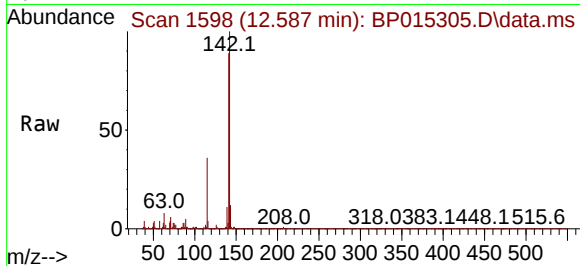




#37
2-Methylnaphthalene
Concen: 6.952 ng
RT: 12.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

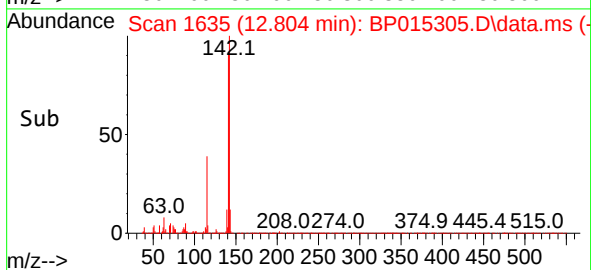
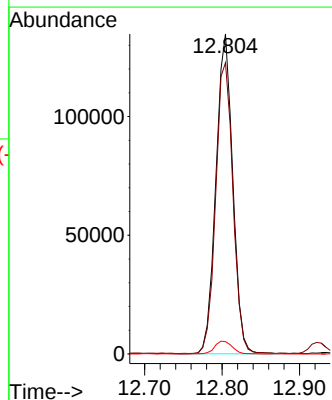
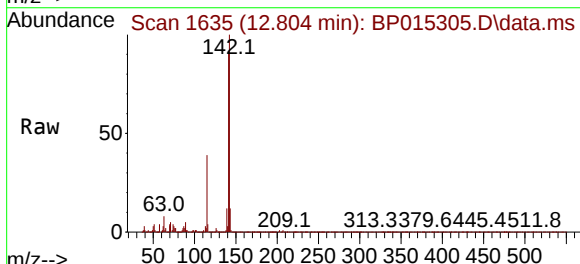
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

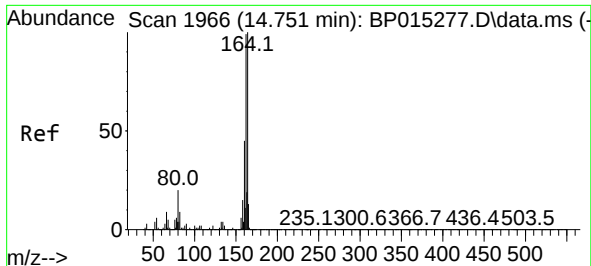
Tgt Ion:142 Resp: 218202
Ion Ratio Lower Upper
142 100
141 88.9 72.0 108.0
115 36.1 30.6 46.0



#38
1-Methylnaphthalene
Concen: 6.936 ng
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:142 Resp: 203122
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.6
116 3.9 3.4 5.0

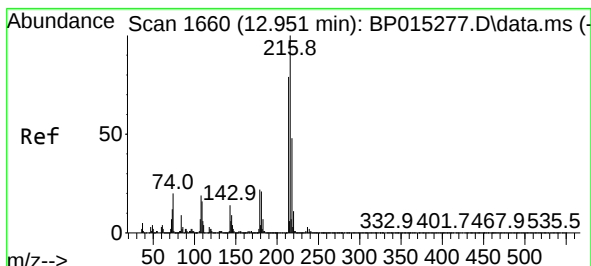
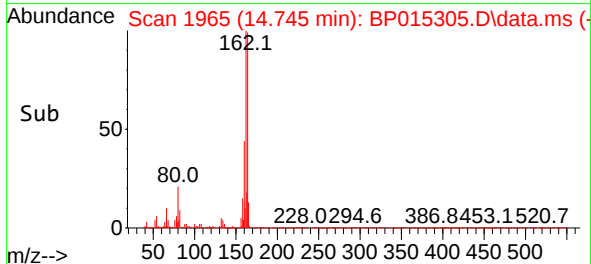
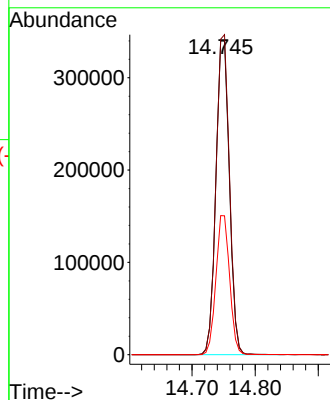
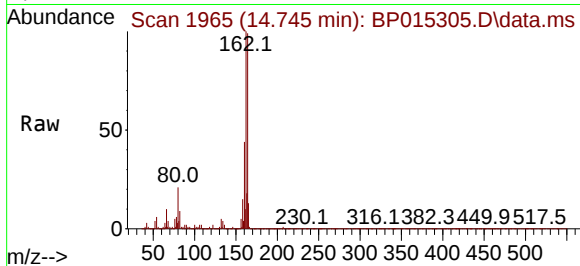




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

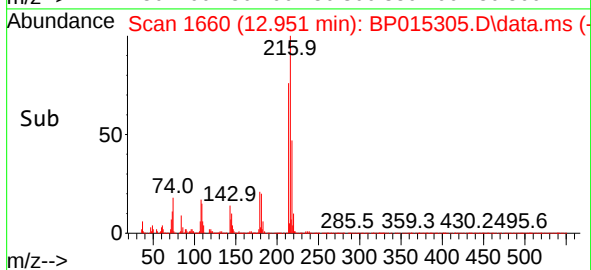
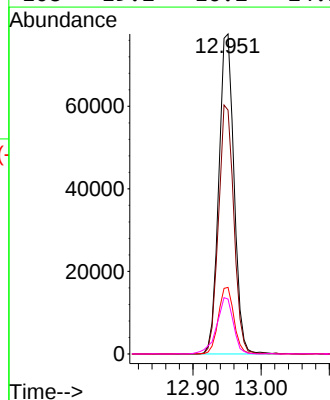
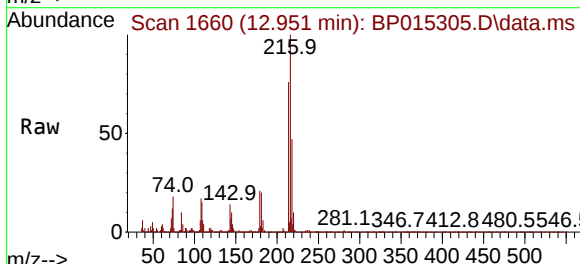
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

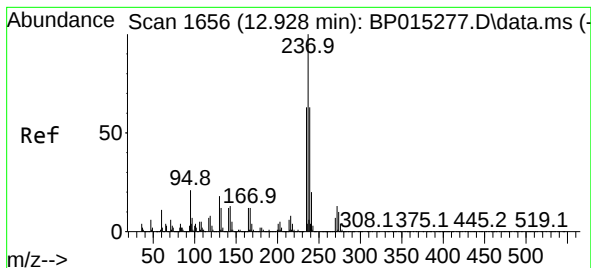
Tgt Ion:164 Resp: 505922
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.2
160 44.3 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.264 ng
RT: 12.951 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:216 Resp: 120592
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 21.3 17.3 25.9
108 19.2 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 6.528 ng

RT: 12.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

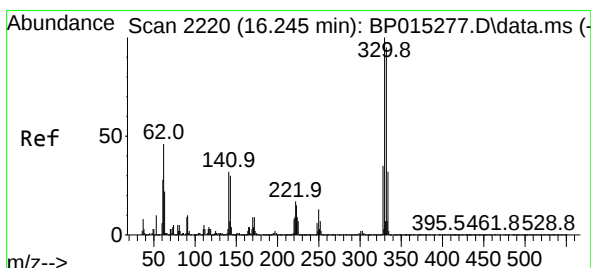
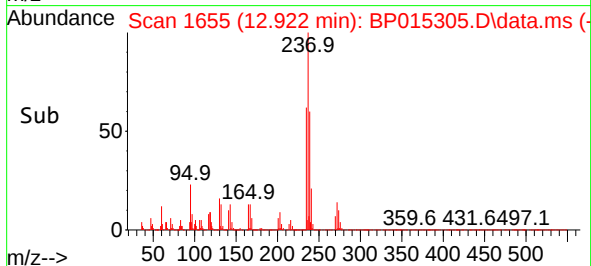
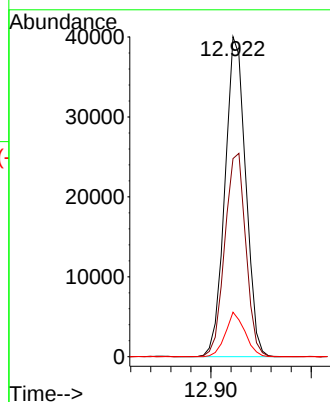
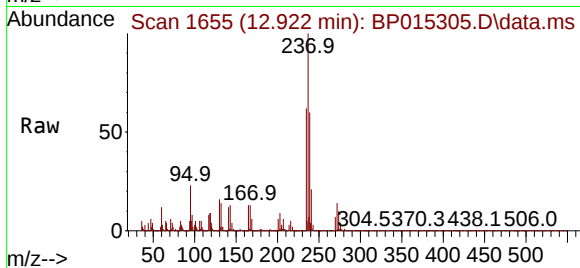
Tgt Ion:237 Resp: 57401

Ion Ratio Lower Upper

237 100

235 61.9 43.2 83.2

272 13.9 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 92.821 ng

RT: 16.239 min Scan# 2219

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

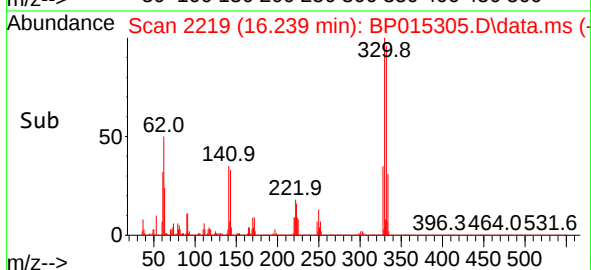
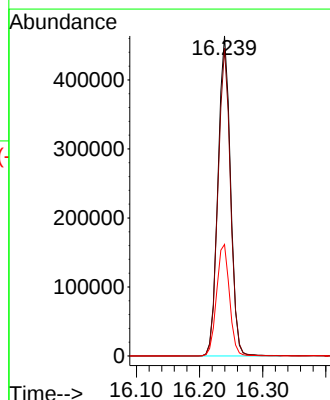
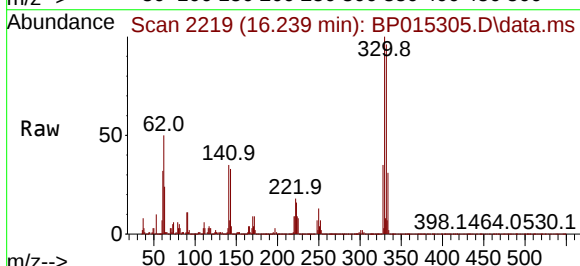
Tgt Ion:330 Resp: 638161

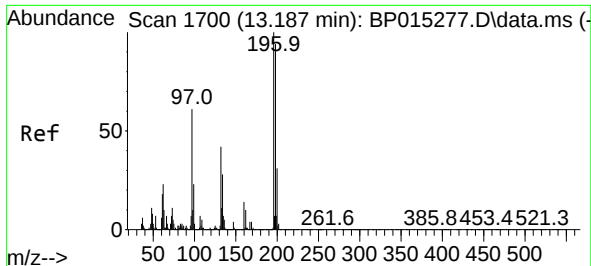
Ion Ratio Lower Upper

330 100

332 95.9 76.3 114.5

141 36.0 27.8 41.8

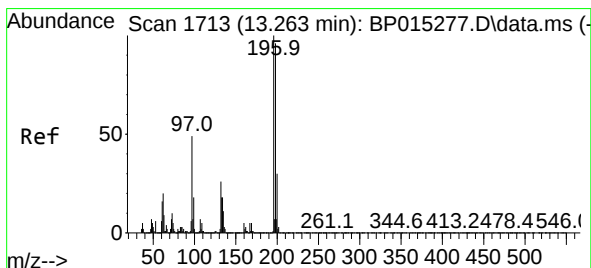
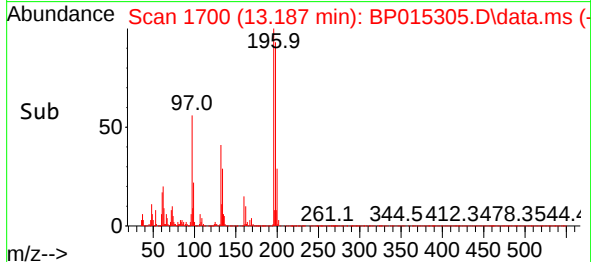
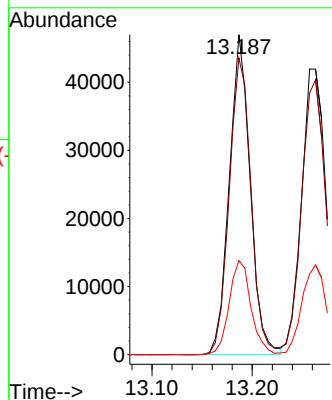
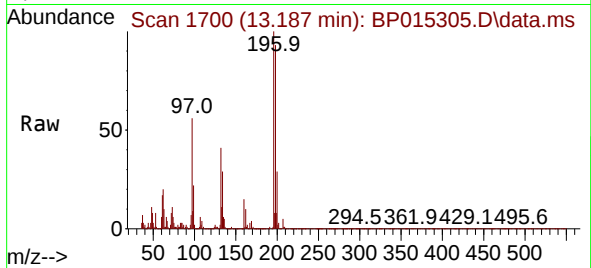




#43
2,4,6-Trichlorophenol
Concen: 6.326 ng
RT: 13.187 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

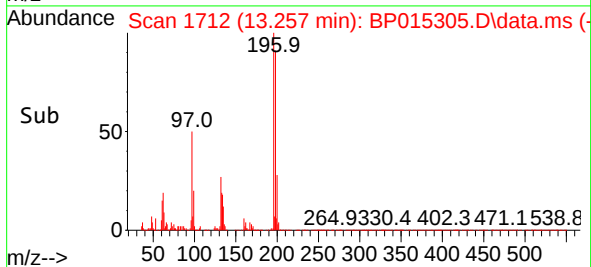
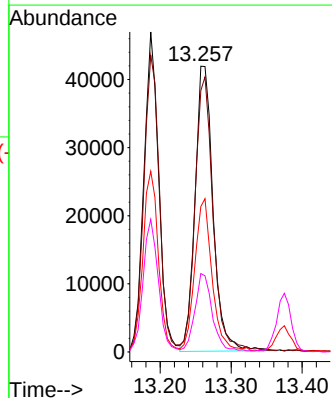
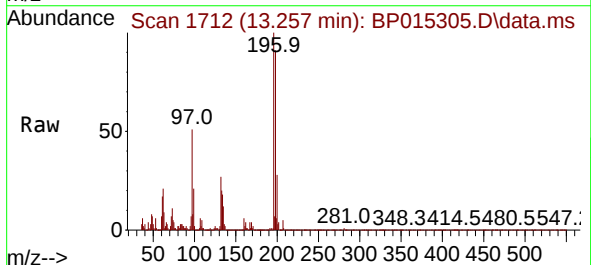
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

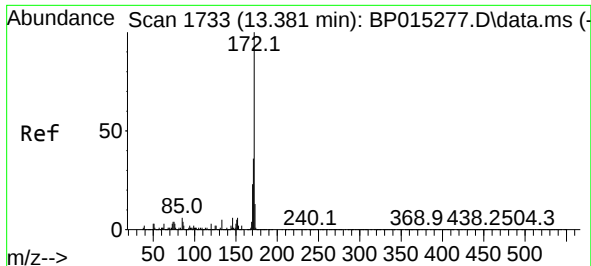
Tgt Ion:196 Resp: 68165
Ion Ratio Lower Upper
196 100
198 92.7 75.0 112.4
200 29.4 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 5.878 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:196 Resp: 74457
Ion Ratio Lower Upper
196 100
198 91.5 76.8 115.2
97 50.9 39.3 58.9
132 27.4 21.0 31.6

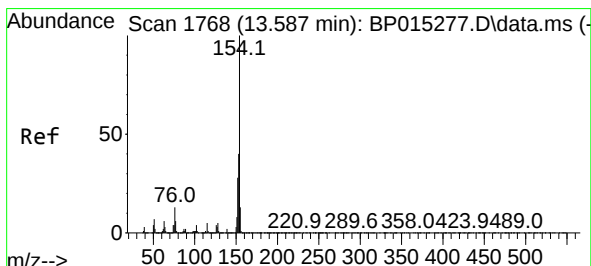
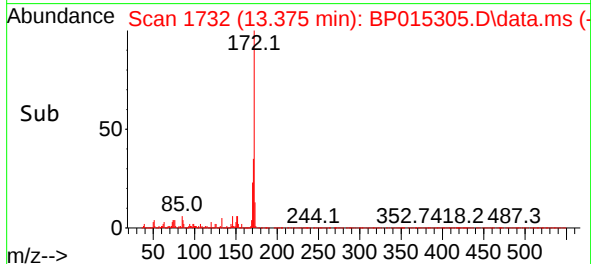
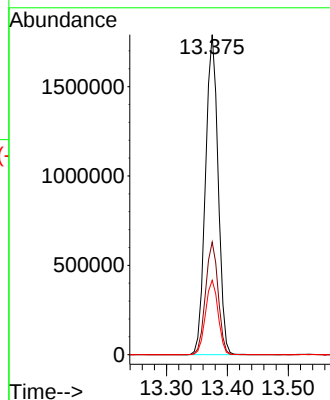
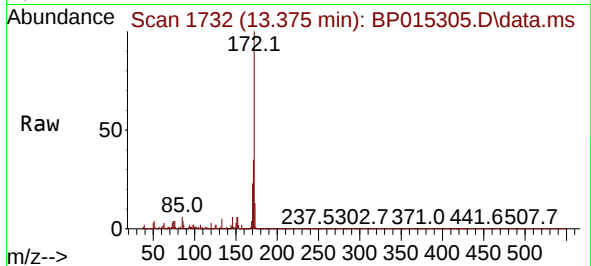




#45
2-Fluorobiphenyl
Concen: 68.602 ng
RT: 13.375 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

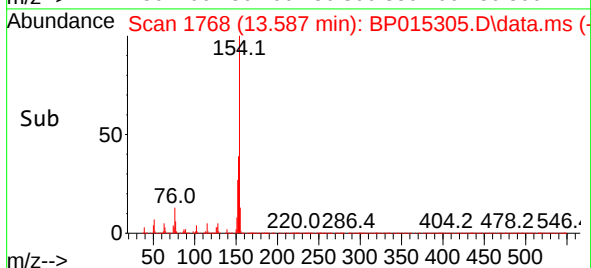
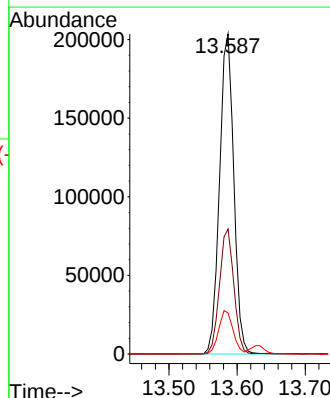
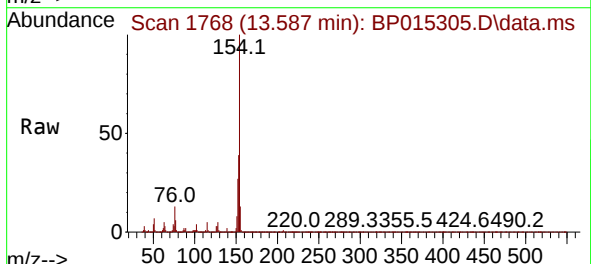
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

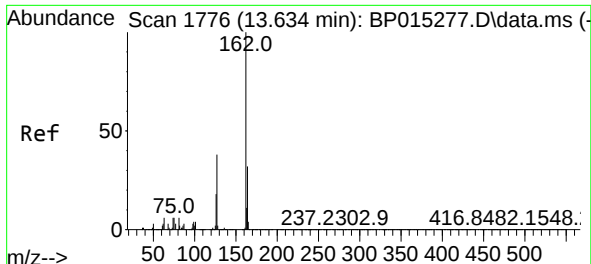
Tgt Ion:172 Resp: 2585177
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.3 18.7 28.1



#46
1,1'-Biphenyl
Concen: 7.383 ng
RT: 13.587 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:154 Resp: 295955
Ion Ratio Lower Upper
154 100
153 39.1 20.3 60.3
76 12.8 0.0 33.1

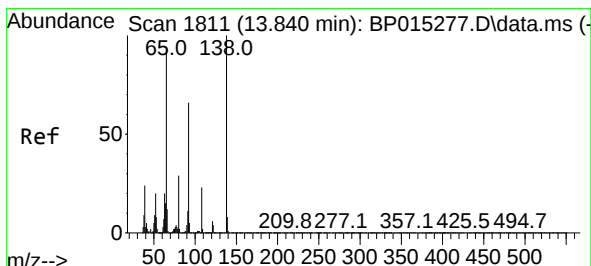
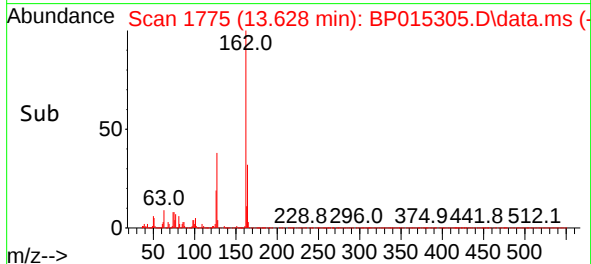
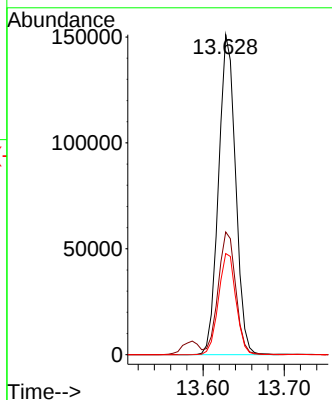
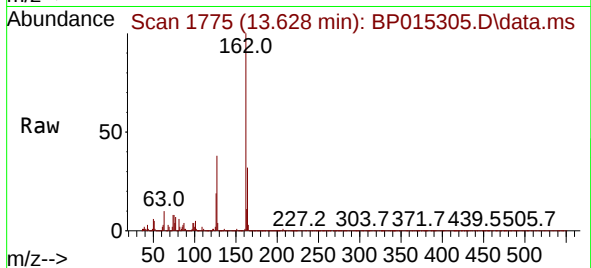




#47
2-Chloronaphthalene
Concen: 7.307 ng
RT: 13.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

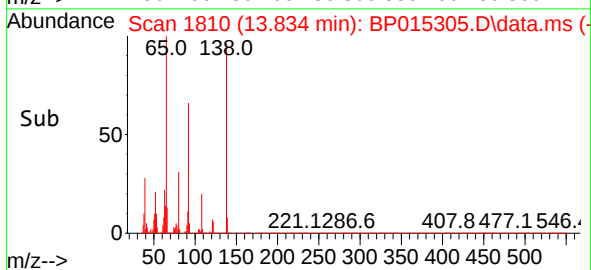
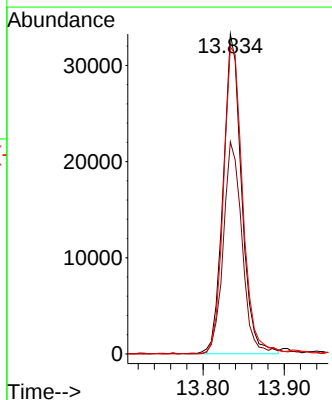
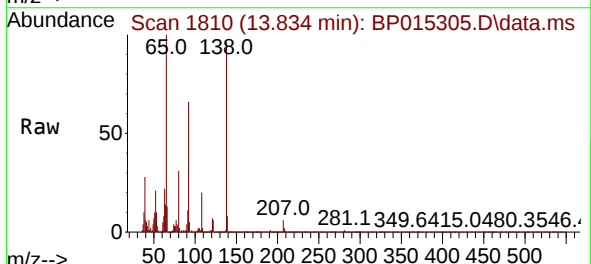
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

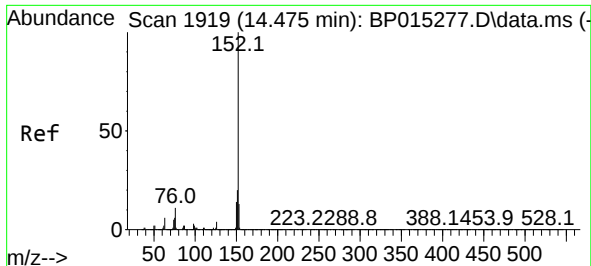
Tgt Ion:162 Resp: 220956
Ion Ratio Lower Upper
162 100
127 38.4 31.7 47.5
164 31.6 25.8 38.8



#48
2-Nitroaniline
Concen: 5.690 ng
RT: 13.834 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 65 Resp: 52560
Ion Ratio Lower Upper
65 100
92 66.3 56.5 84.7
138 96.0 85.7 128.5

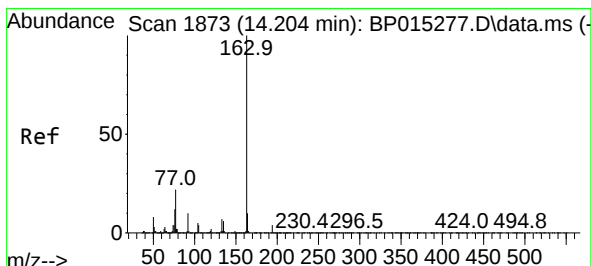
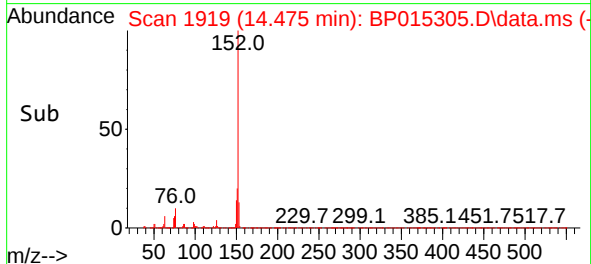
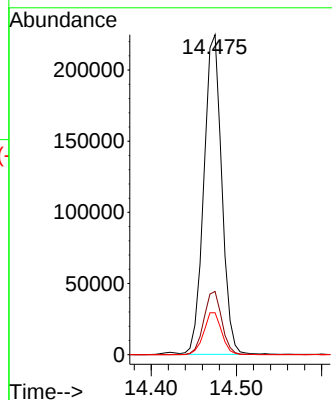
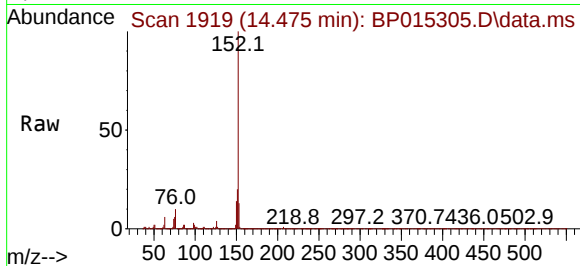




#49
Acenaphthylene
Concen: 6.756 ng
RT: 14.475 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

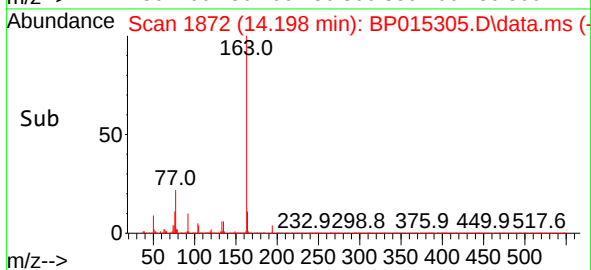
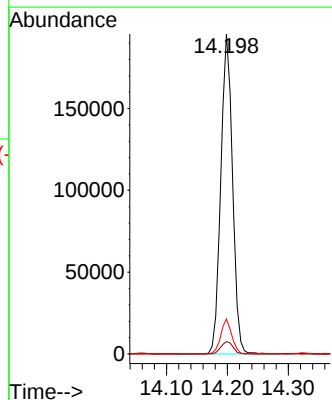
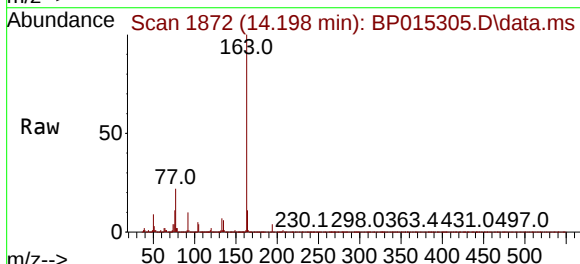
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

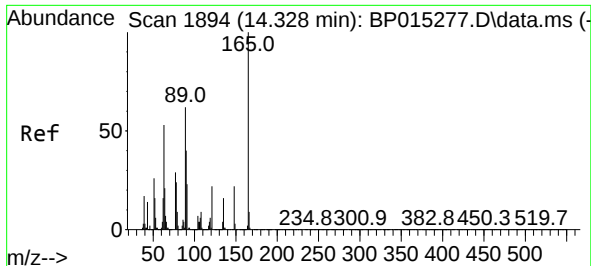
Tgt Ion:152 Resp: 326872
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 6.597 ng
RT: 14.198 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:163 Resp: 261121
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 11.0 8.2 12.4

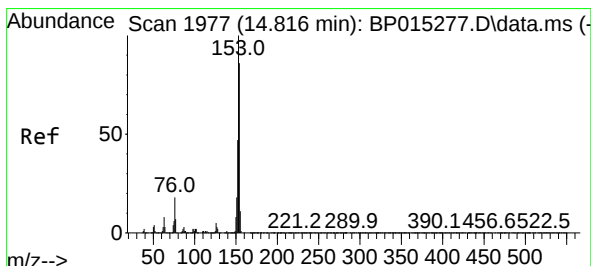
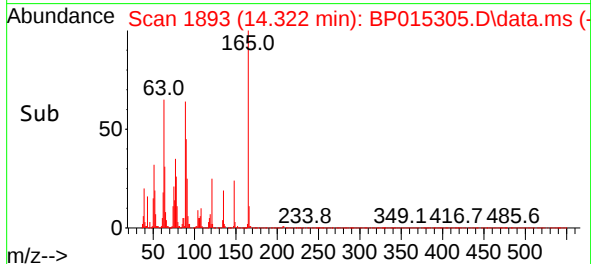
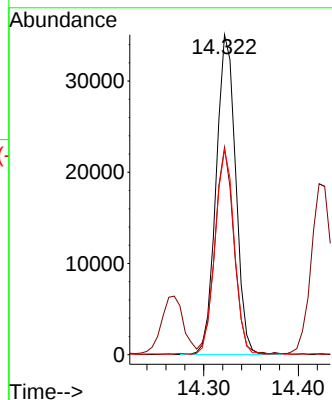
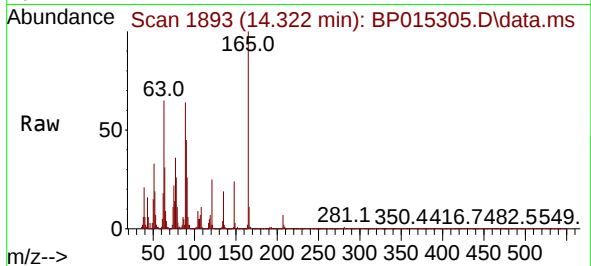




#51
2,6-Dinitrotoluene
Concen: 6.022 ng
RT: 14.322 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

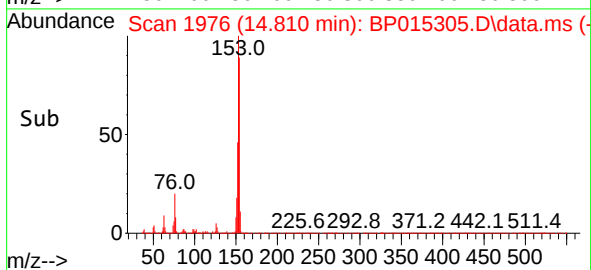
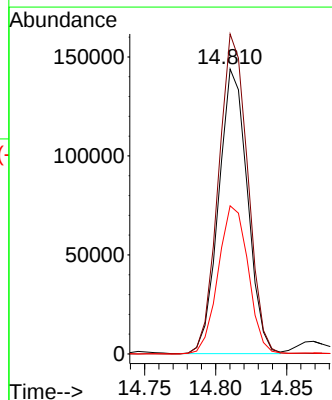
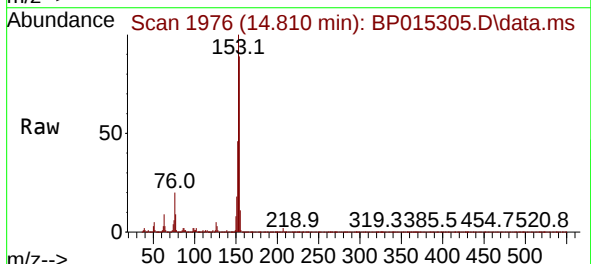
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

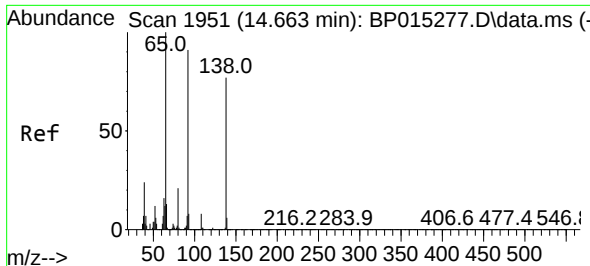
Tgt Ion:165 Resp: 50327
Ion Ratio Lower Upper
165 100
63 64.9 46.6 70.0
89 64.1 49.7 74.5



#52
Acenaphthene
Concen: 7.040 ng
RT: 14.810 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:154 Resp: 202868
Ion Ratio Lower Upper
154 100
153 112.3 92.8 139.2
152 52.0 44.0 66.0

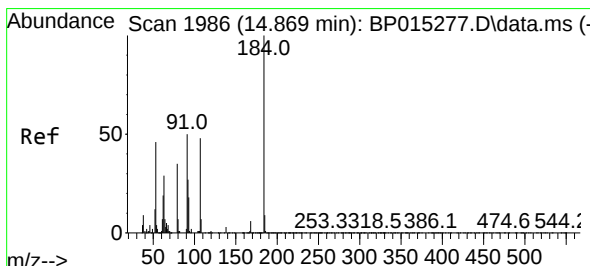
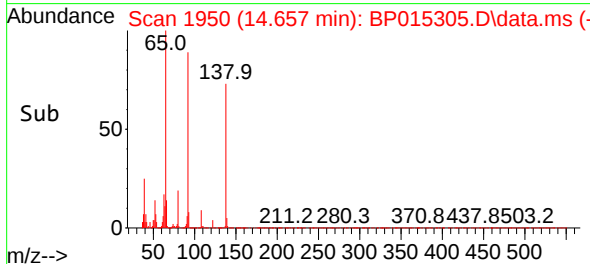
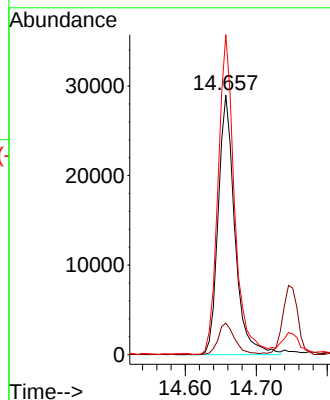
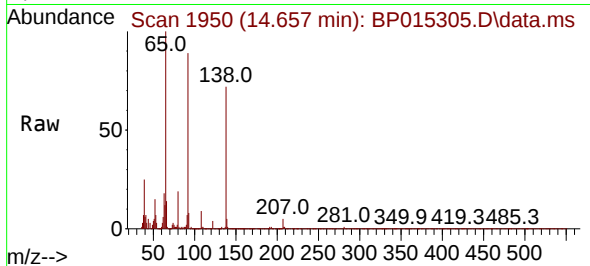




#53
3-Nitroaniline
Concen: 5.494 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

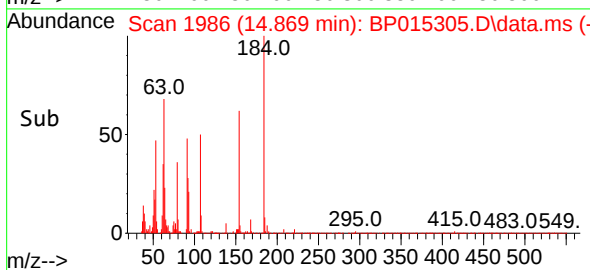
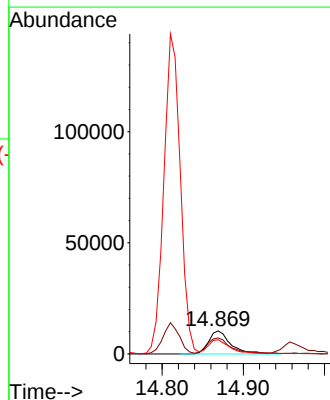
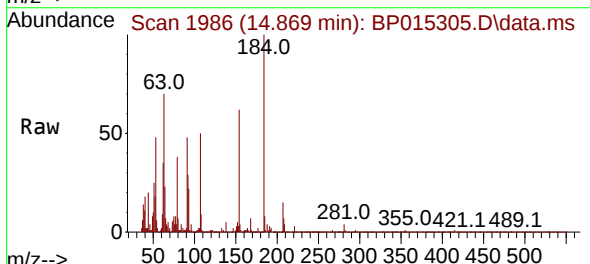
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

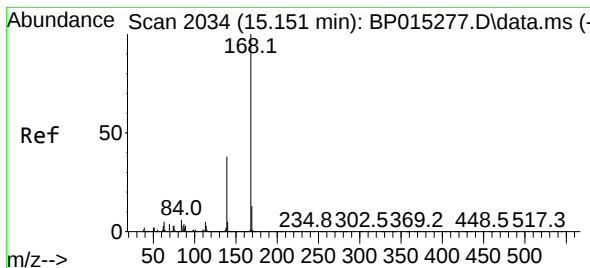
Tgt Ion:138 Resp: 46927
Ion Ratio Lower Upper
138 100
108 12.1 8.6 13.0
92 123.3 94.0 141.0



#54
2,4-Dinitrophenol
Concen: 8.457 ng
RT: 14.869 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:184 Resp: 19663
Ion Ratio Lower Upper
184 100
63 69.6 56.2 84.4
154 62.0 53.2 79.8





#55

Dibenzenofuran

Concen: 6.969 ng

RT: 15.145 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

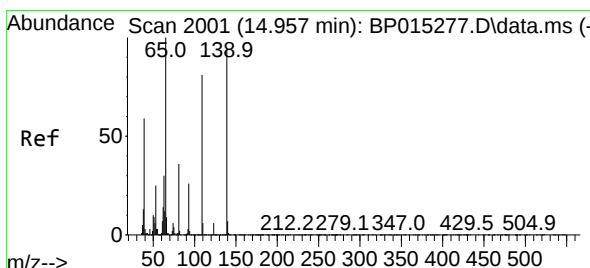
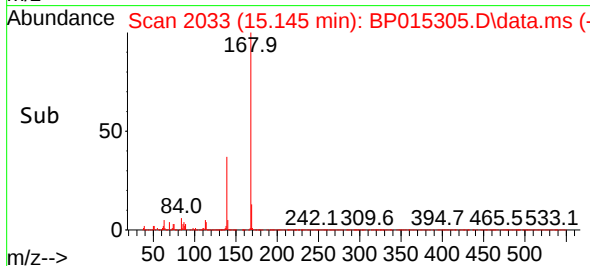
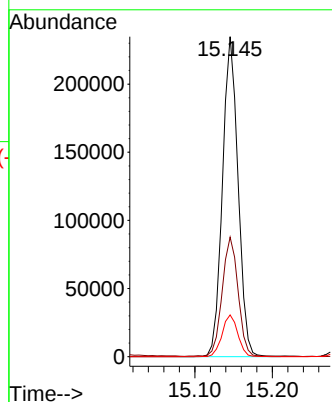
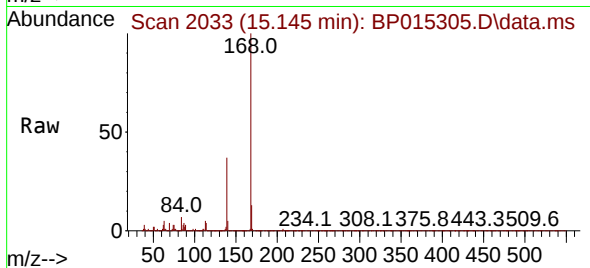
Tgt Ion:168 Resp: 328545

Ion Ratio Lower Upper

168 100

139 37.4 30.1 45.1

169 13.1 10.6 15.8



#56

4-Nitrophenol

Concen: 7.514 ng

RT: 14.957 min Scan# 2001

Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

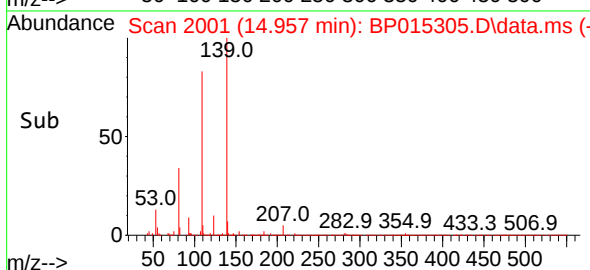
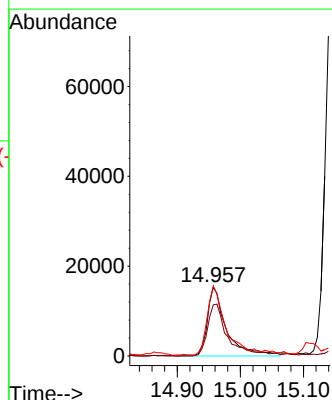
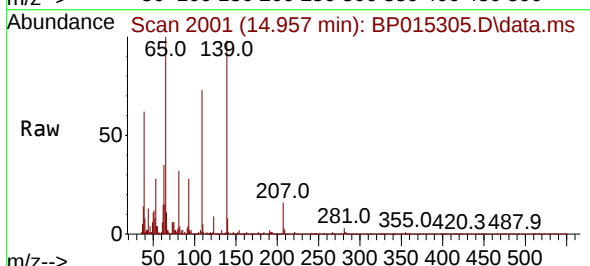
Tgt Ion:139 Resp: 32027

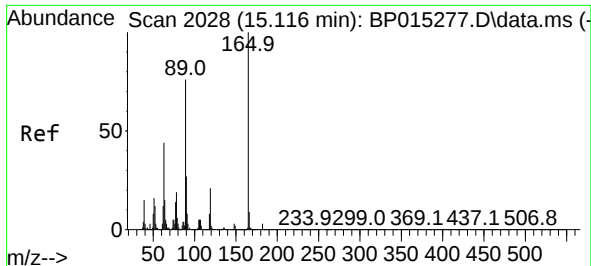
Ion Ratio Lower Upper

139 100

109 74.5 66.5 106.5

65 102.3 86.6 126.6

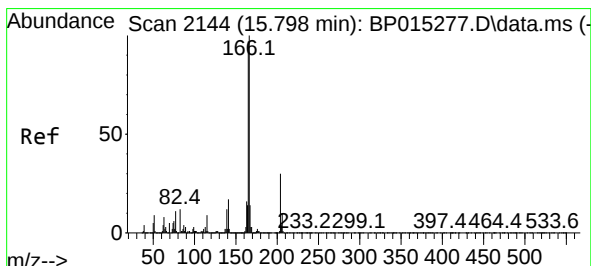
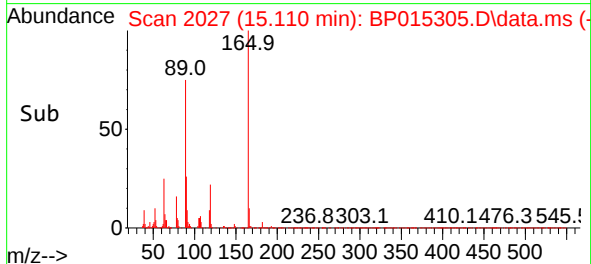
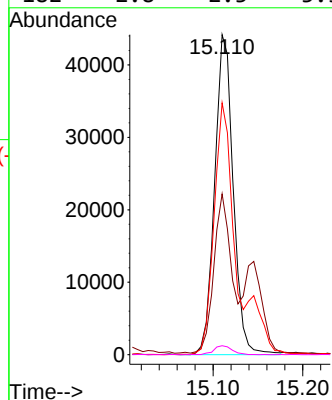
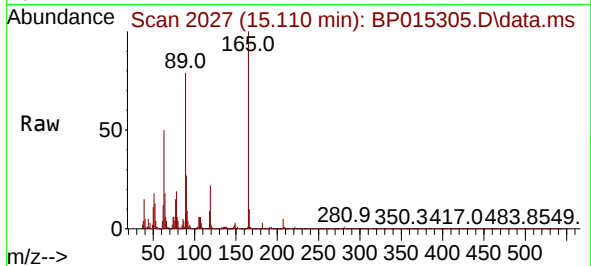




#57
2,4-Dinitrotoluene
Concen: 5.772 ng
RT: 15.110 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

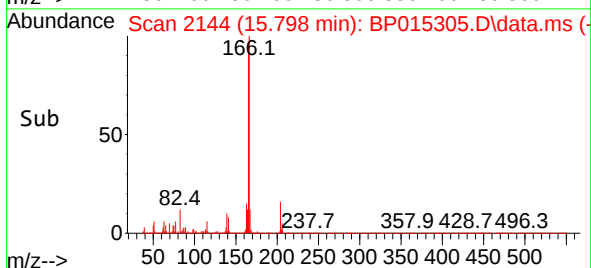
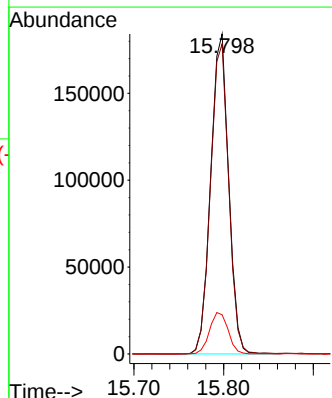
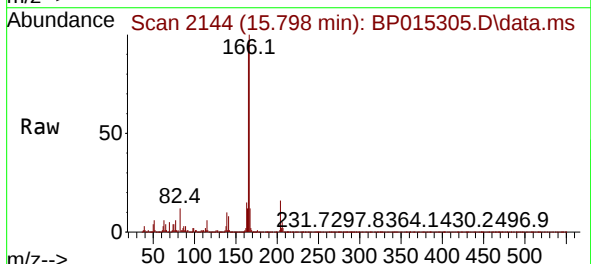
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

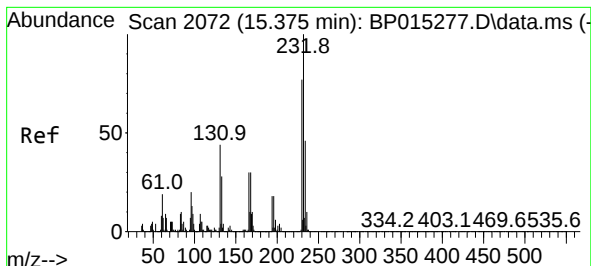
Tgt Ion:165 Resp: 63420
Ion Ratio Lower Upper
165 100
63 50.3 35.7 53.5
89 78.7 60.8 91.2
182 2.8 2.3 3.5



#58
Fluorene
Concen: 7.025 ng
RT: 15.798 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:166 Resp: 255784
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 12.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.208 ng

RT: 15.369 min Scan# 2072

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:232 Resp: 62891

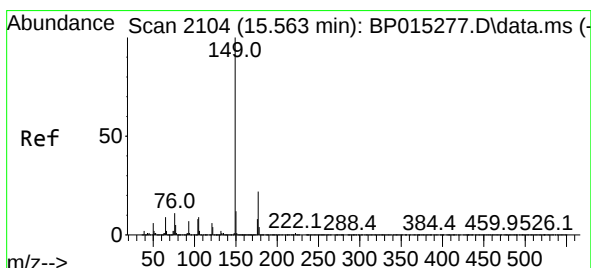
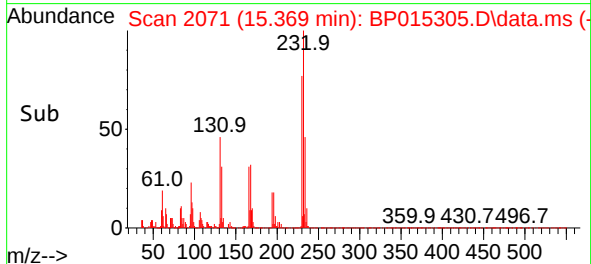
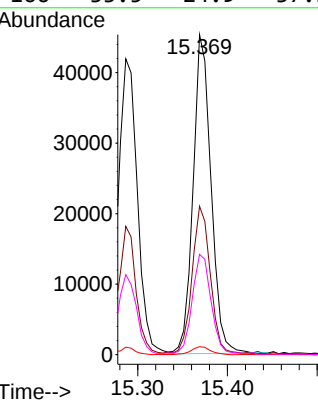
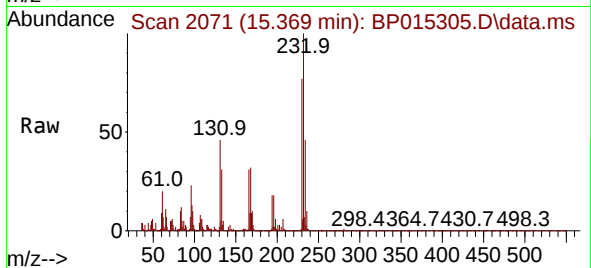
Ion Ratio Lower Upper

232 100

131 46.8 36.2 54.2

130 2.7 2.0 3.0

166 33.5 24.9 37.3



#60

Diethylphthalate

Concen: 6.393 ng

RT: 15.557 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

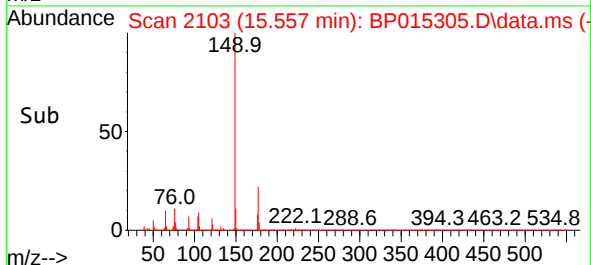
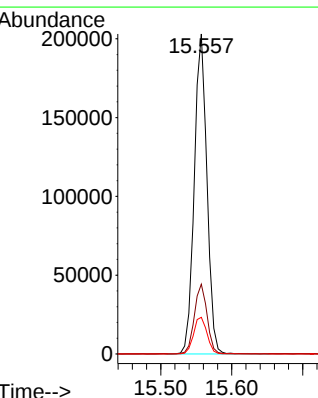
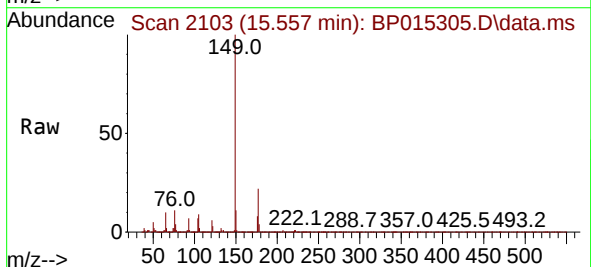
Tgt Ion:149 Resp: 252076

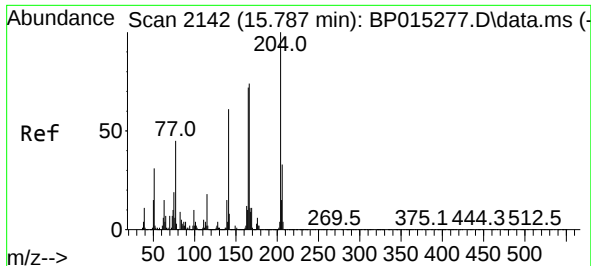
Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

150 11.4 10.0 15.0

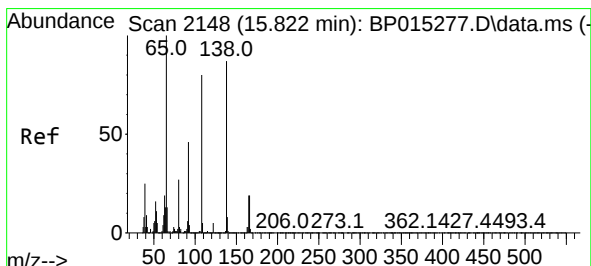
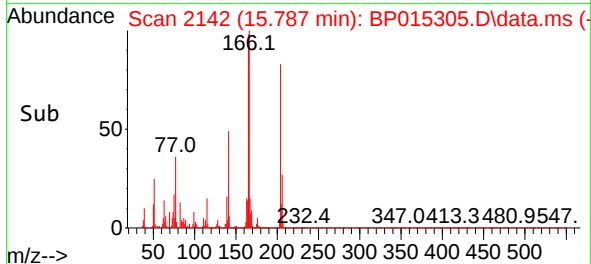
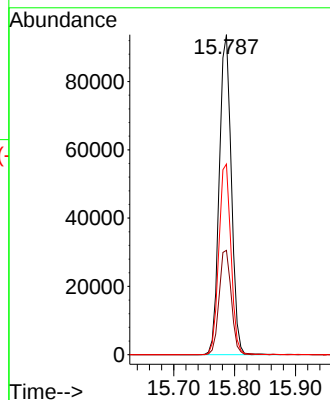
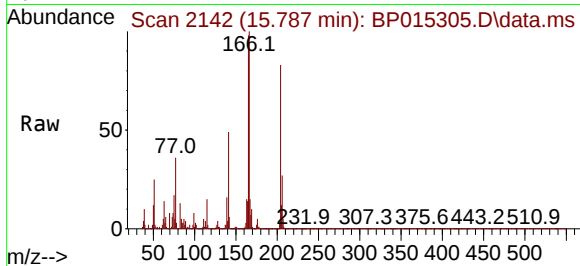




#61
4-Chlorophenyl-phenylether
Concen: 6.893 ng
RT: 15.787 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

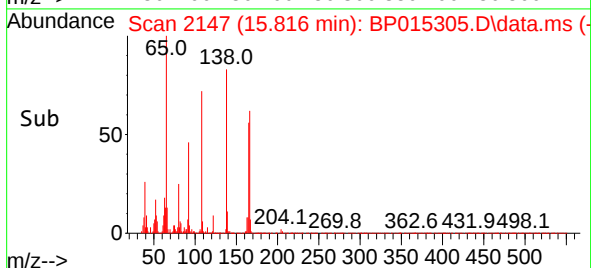
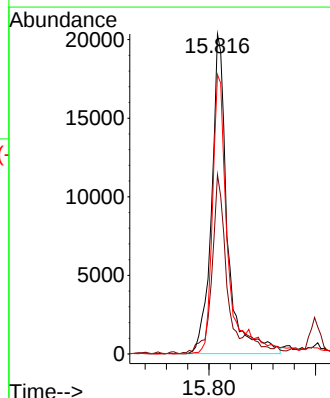
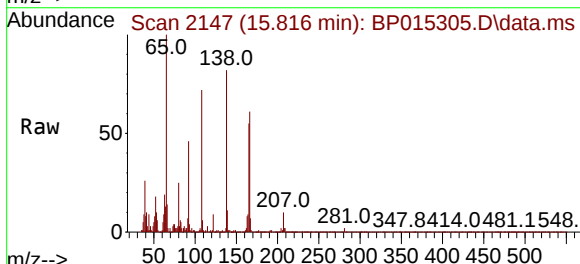
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

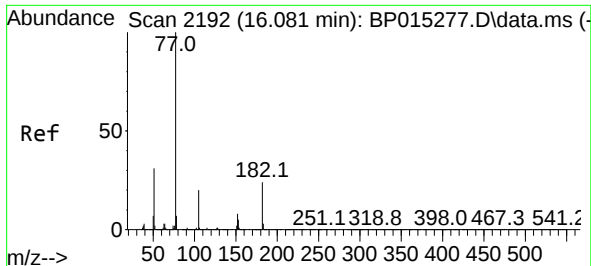
Tgt Ion:204 Resp: 128512
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 59.6 49.0 73.4



#62
4-Nitroaniline
Concen: 6.655 ng
RT: 15.816 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:138 Resp: 41961
Ion Ratio Lower Upper
138 100
92 56.0 33.1 73.1
108 87.3 71.0 111.0

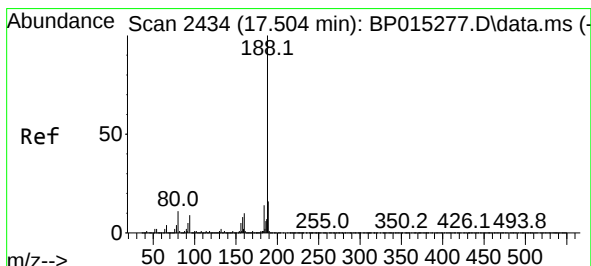
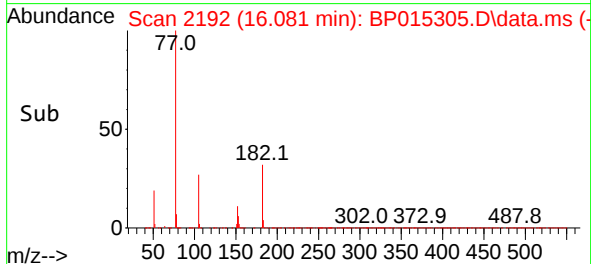
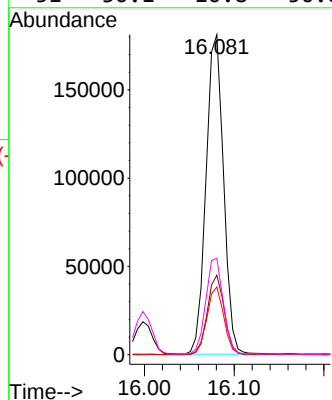
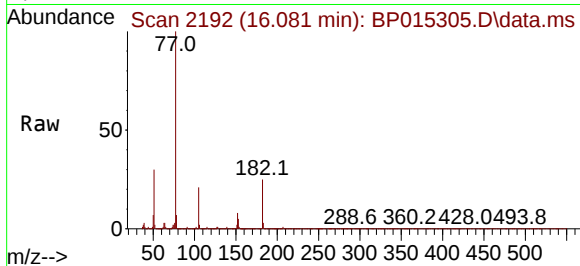




#63
Azobenzene
Concen: 6.530 ng
RT: 16.081 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

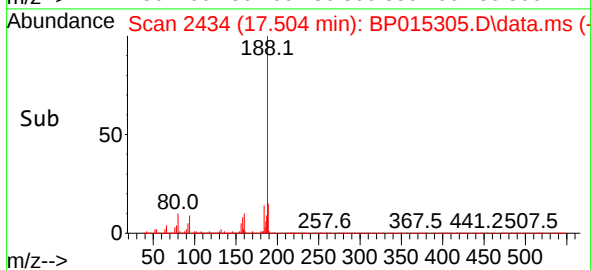
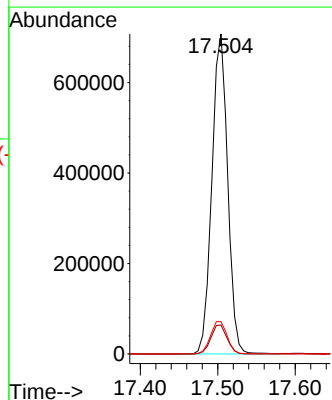
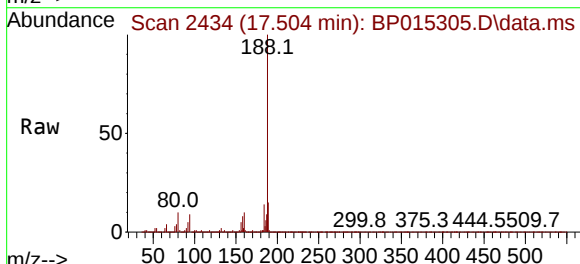
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

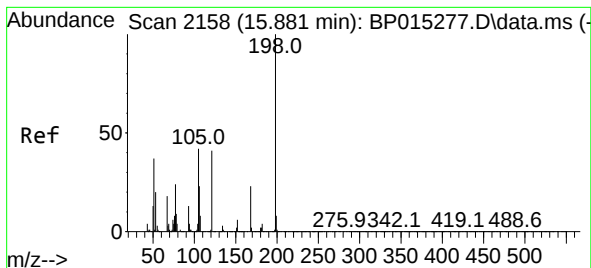
Tgt Ion: 77	Resp: 245637
Ion Ratio	Lower Upper
77 100	
182 24.9	3.9 43.9
105 21.1	0.3 40.3
51 30.1	10.8 50.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:188	Resp: 1003084		
Ion Ratio	Lower	Upper	
188 100			
94 9.1	7.4	11.0	
80 10.1	8.6	13.0	

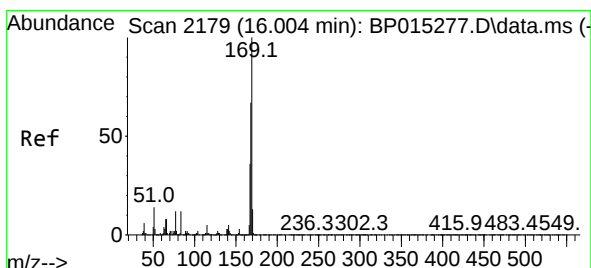
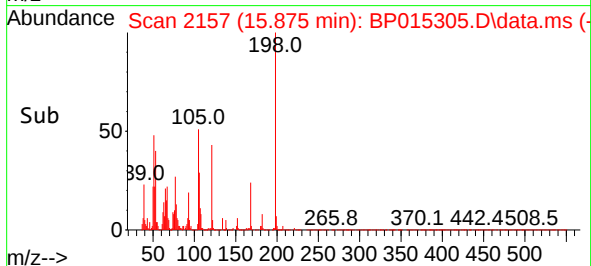
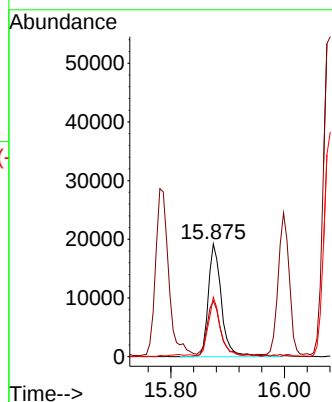
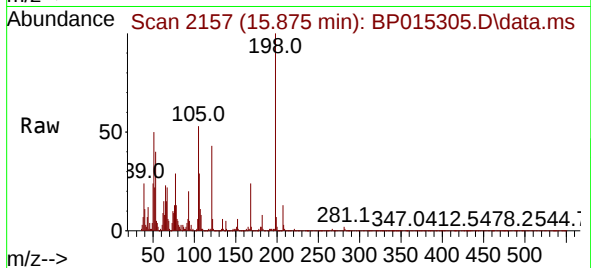




#65
4,6-Dinitro-2-methylphenol
Concen: 5.031 ng
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

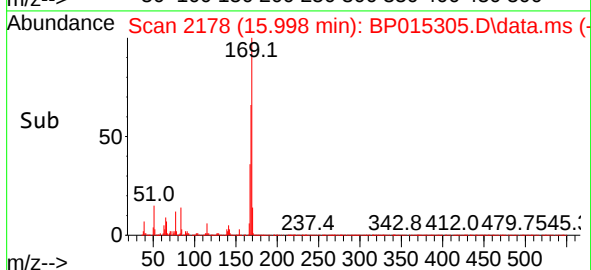
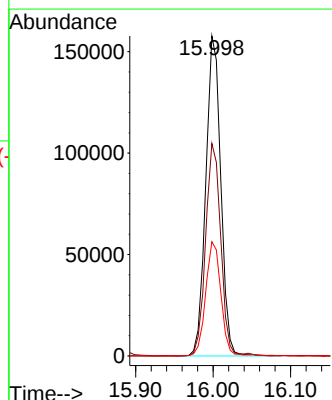
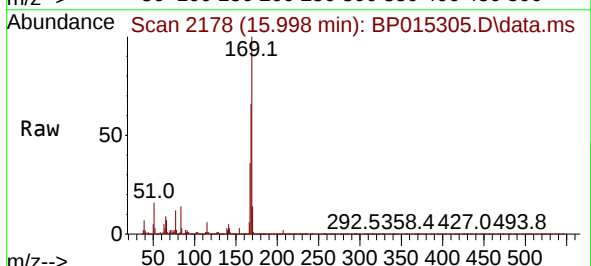
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2023

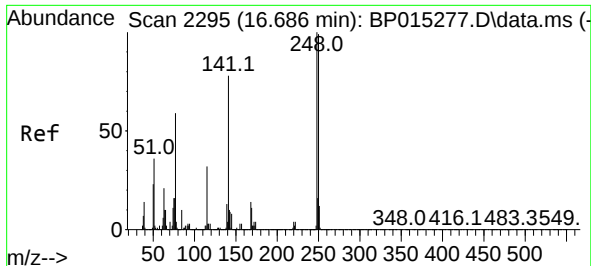
Tgt Ion:198 Resp: 30651
Ion Ratio Lower Upper
198 100
51 49.6 25.4 65.4
105 52.8 23.3 63.3



#66
n-Nitrosodiphenylamine
Concen: 7.096 ng
RT: 15.998 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:169 Resp: 212094
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 35.7 29.0 43.6

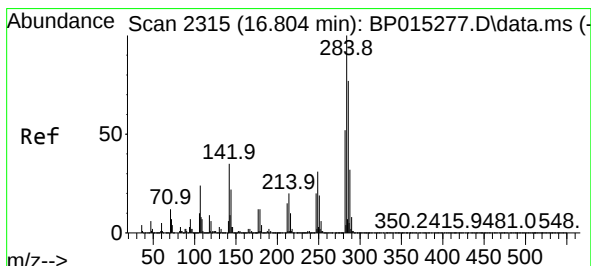
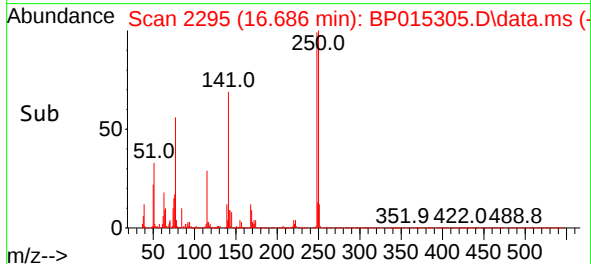
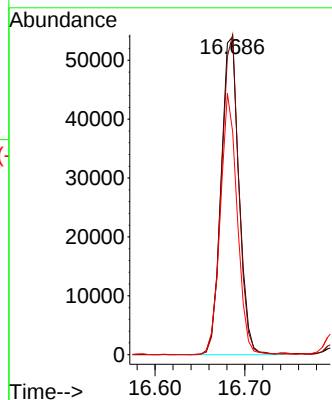
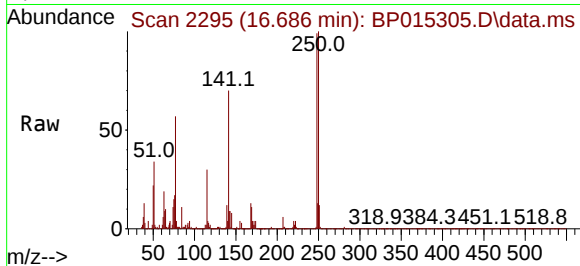




#67
4-Bromophenyl-phenylether
Concen: 6.897 ng
RT: 16.686 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

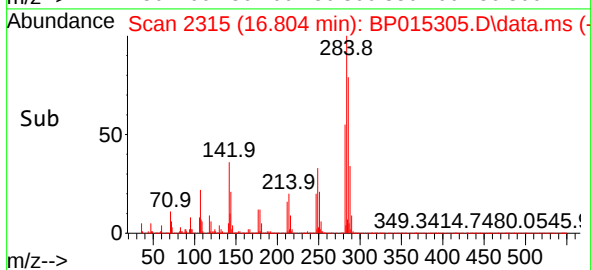
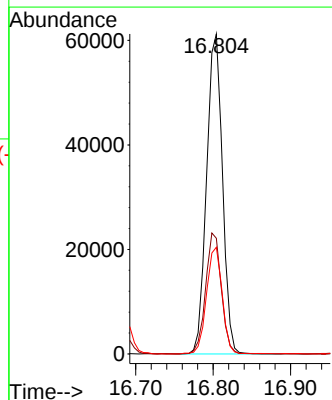
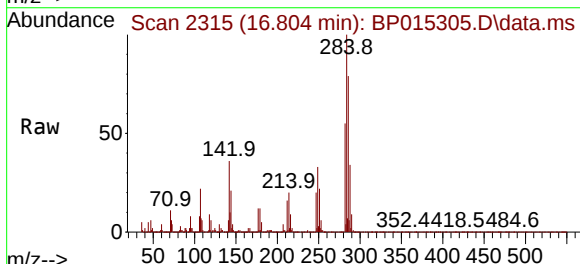
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

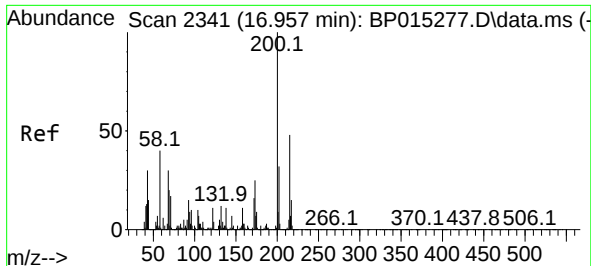
Tgt Ion:	248	Resp:	74806
Ion Ratio	Lower	Upper	
248	100		
250	100.6	79.0	118.4
141	70.0	62.4	93.6



#68
Hexachlorobenzene
Concen: 7.276 ng
RT: 16.804 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:	284	Resp:	86907
Ion Ratio	Lower	Upper	
284	100		
142	36.2	28.2	42.2
249	33.4	25.0	37.6

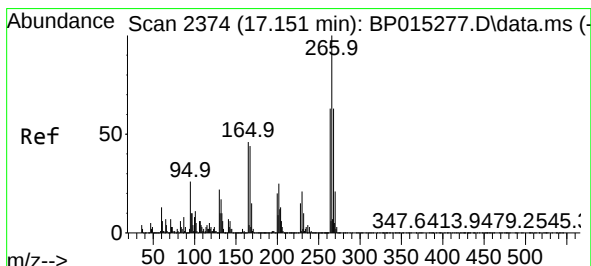
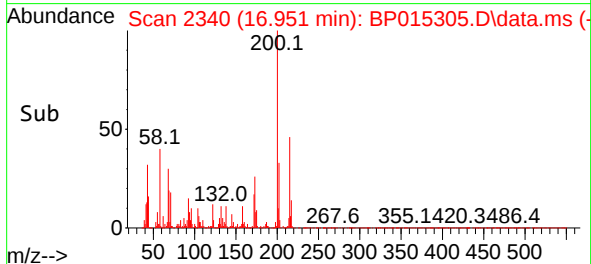
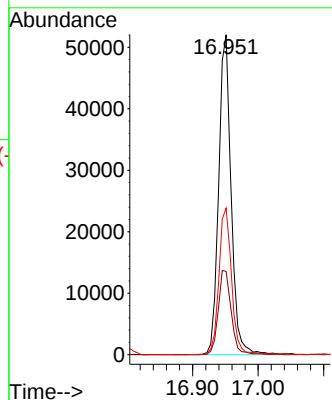
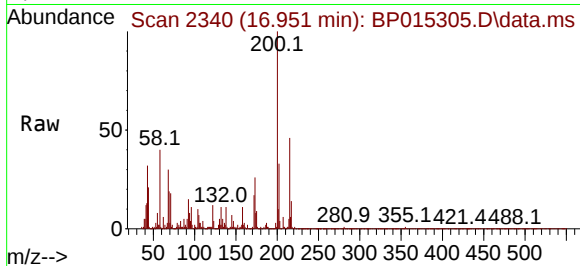




#69
Atrazine
Concen: 7.151 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

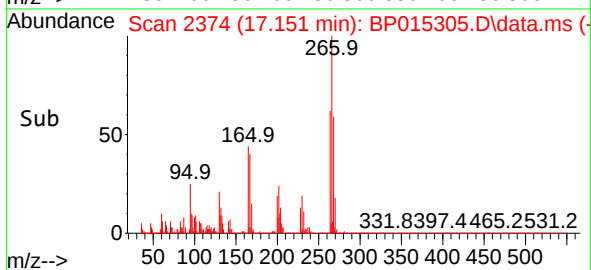
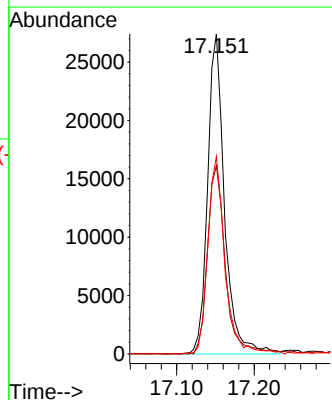
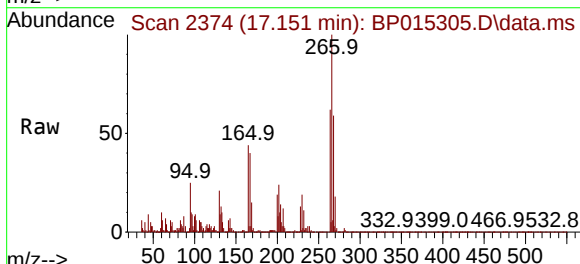
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

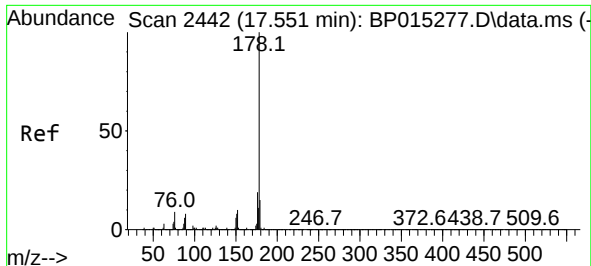
Tgt Ion:200 Resp: 68248
Ion Ratio Lower Upper
200 100
173 26.1 4.7 44.7
215 45.8 27.5 67.5



#70
Pentachlorophenol
Concen: 5.068 ng
RT: 17.151 min Scan# 2374
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:266 Resp: 41487
Ion Ratio Lower Upper
266 100
268 58.8 50.0 75.0
264 61.7 50.4 75.6

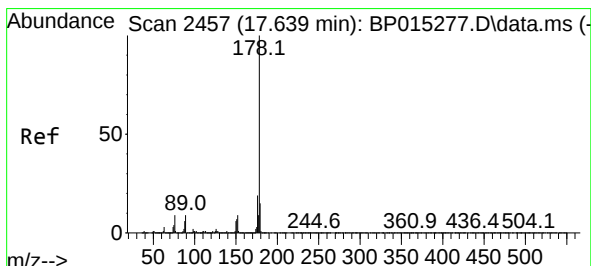
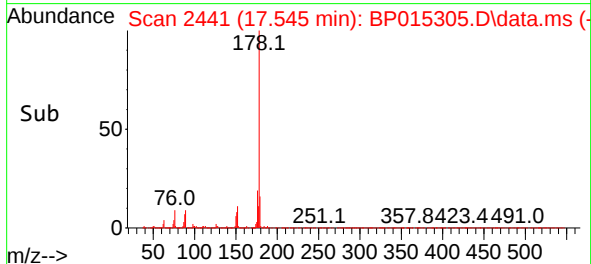
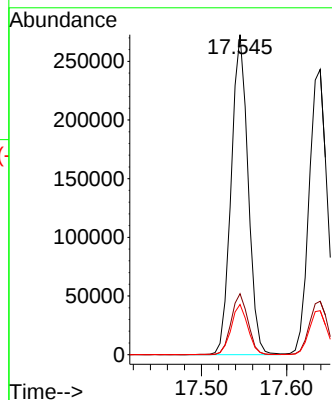
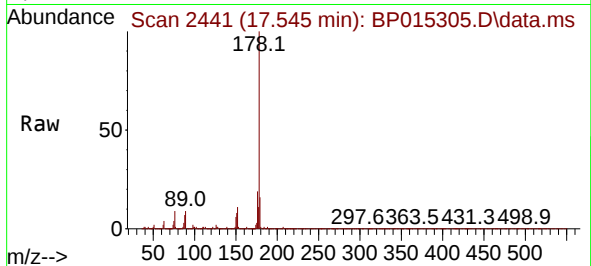




#71
Phenanthrene
Concen: 7.011 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

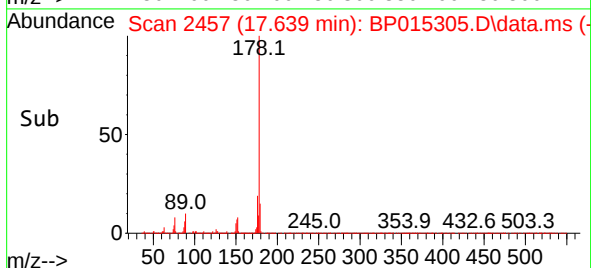
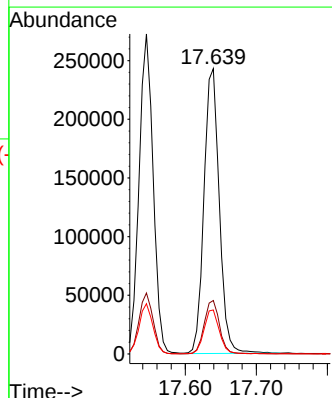
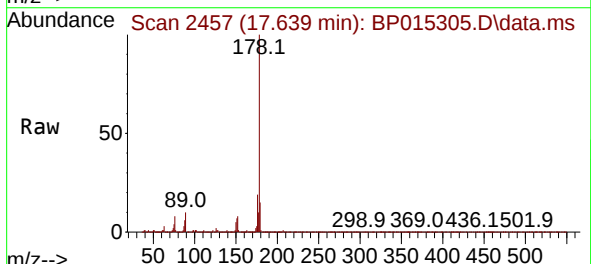
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

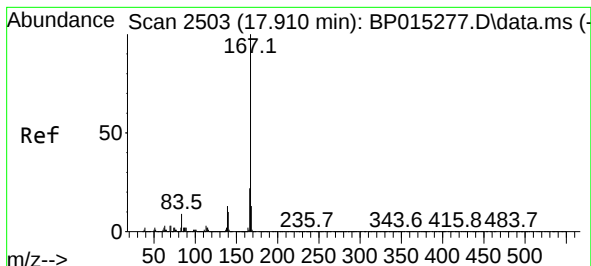
Tgt Ion:178 Resp: 374823
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.7 12.3 18.5



#72
Anthracene
Concen: 6.821 ng
RT: 17.639 min Scan# 2457
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:178 Resp: 365185
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.4 12.2 18.4





#73

Carbazole

Concen: 6.556 ng

RT: 17.904 min Scan# 2502

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

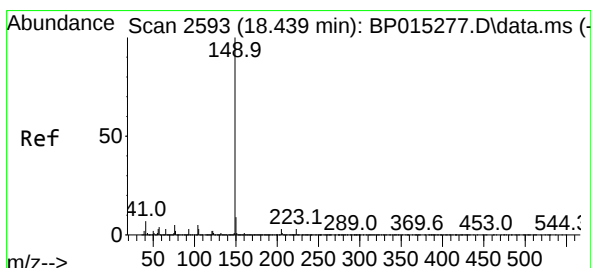
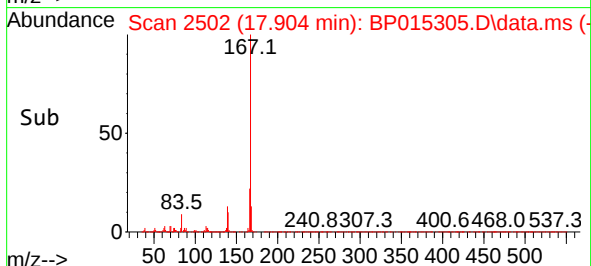
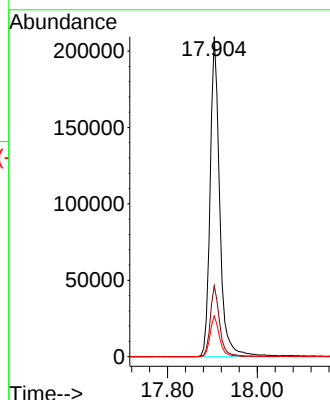
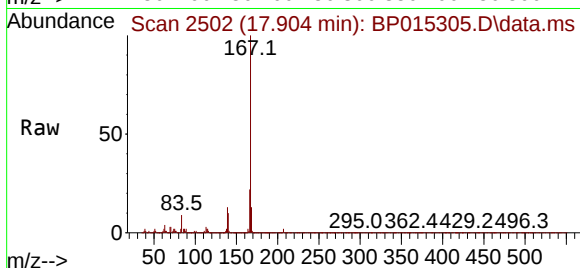
Tgt Ion:167 Resp: 310821

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 12.7 10.2 15.2



#74

Di-n-butylphthalate

Concen: 5.960 ng

RT: 18.433 min Scan# 2592

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

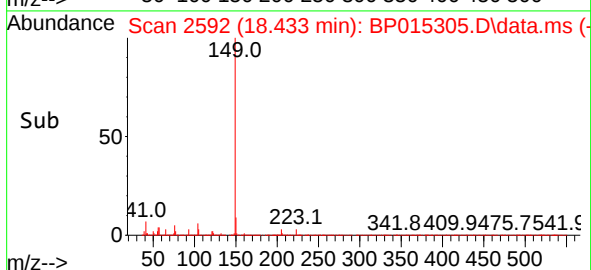
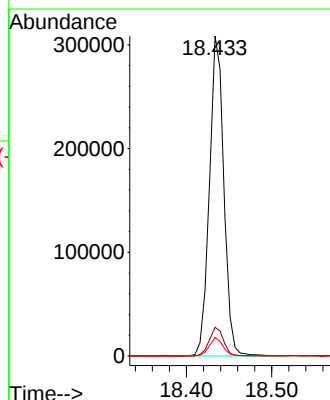
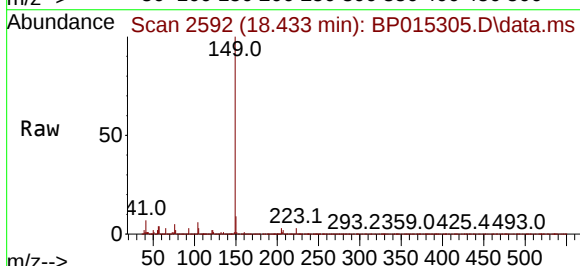
Tgt Ion:149 Resp: 362892

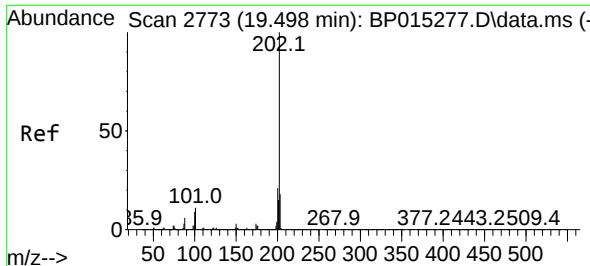
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.8 4.4 6.6

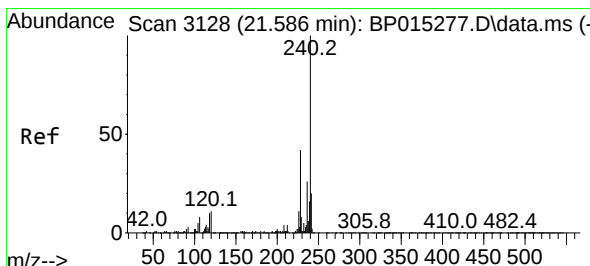
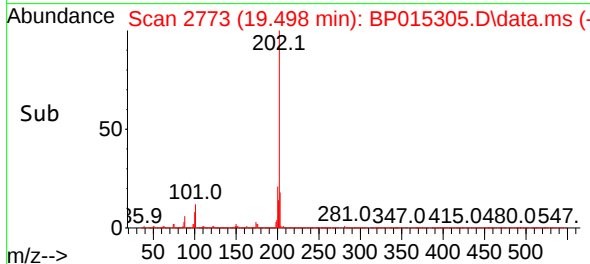
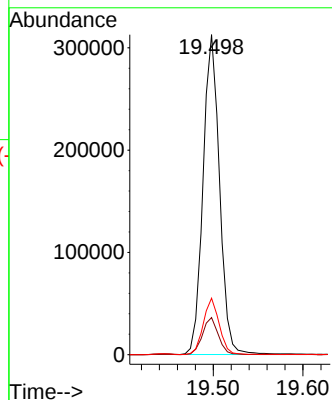
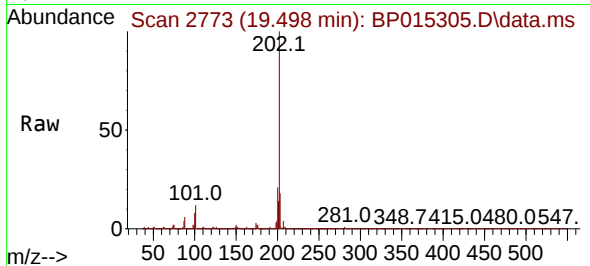




#75
Fluoranthene
Concen: 6.391 ng
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

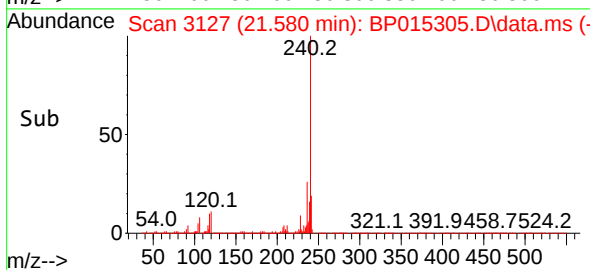
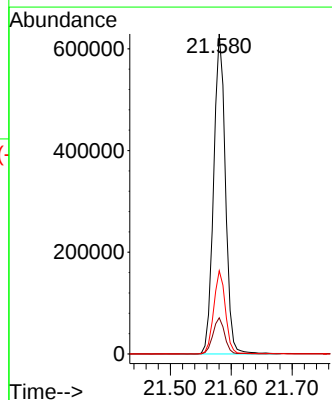
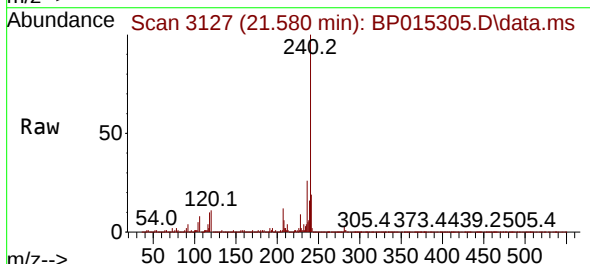
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

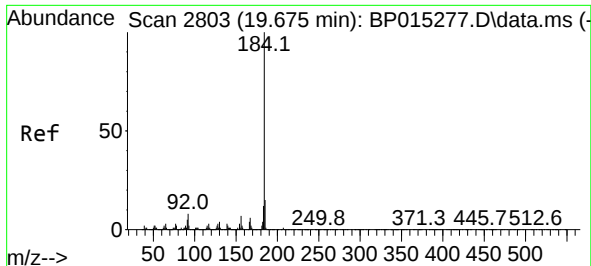
Tgt Ion:202 Resp: 399150
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:240 Resp: 845202
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 26.0 20.5 30.7

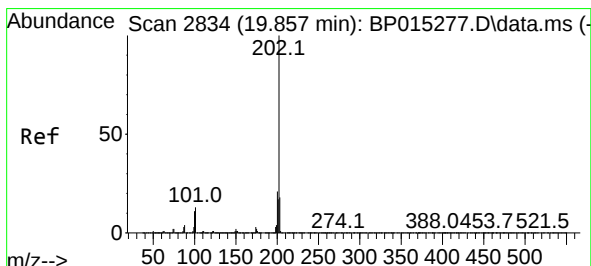
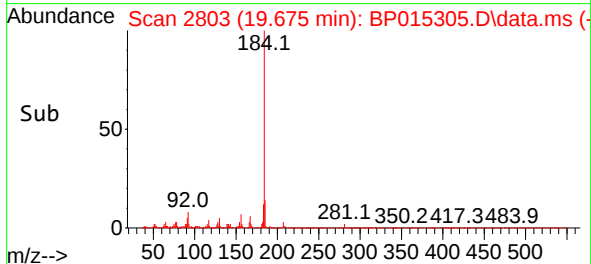
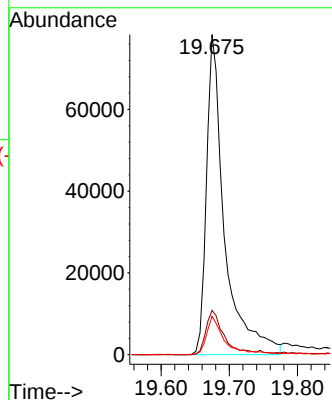
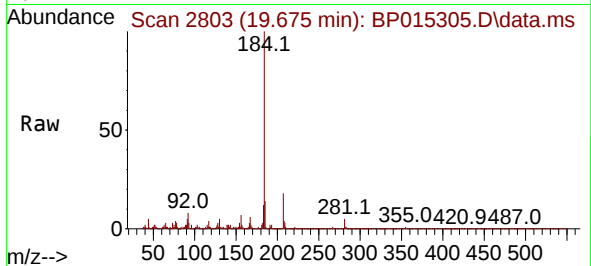




#77
Benzidine
Concen: 10.792 ng
RT: 19.675 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

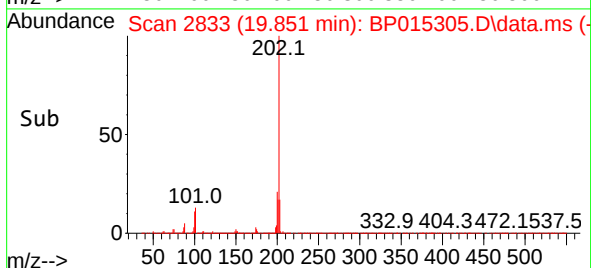
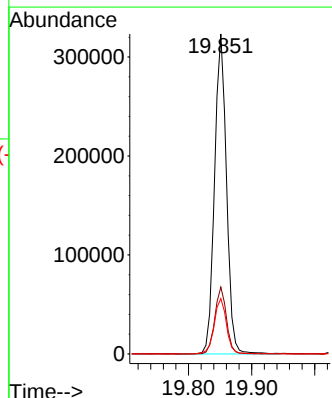
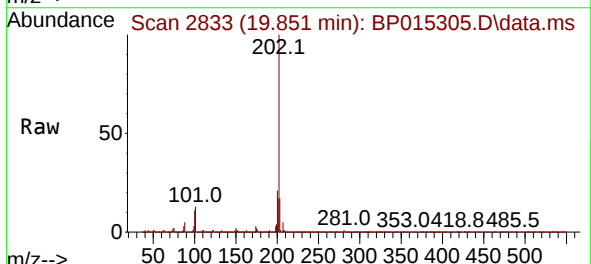
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

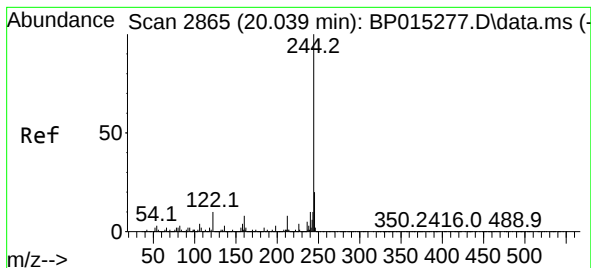
Tgt Ion:184 Resp: 144435
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 12.0 9.4 14.0



#78
Pyrene
Concen: 6.997 ng
RT: 19.851 min Scan# 2833
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:202 Resp: 423165
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 68.378 ng

RT: 20.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

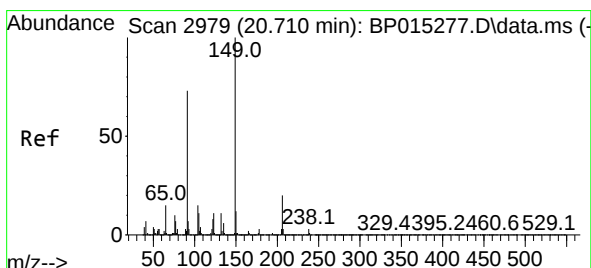
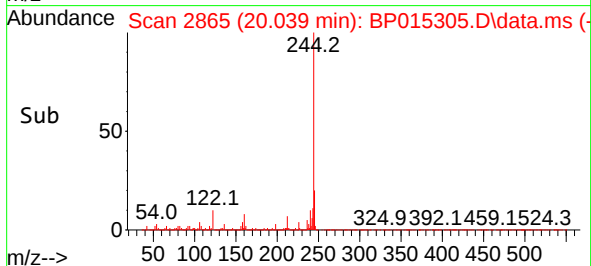
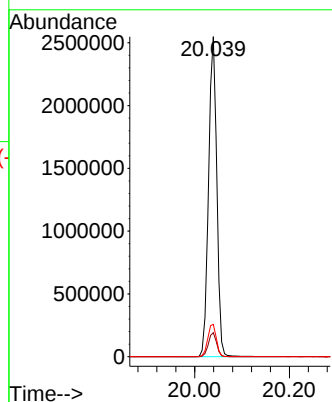
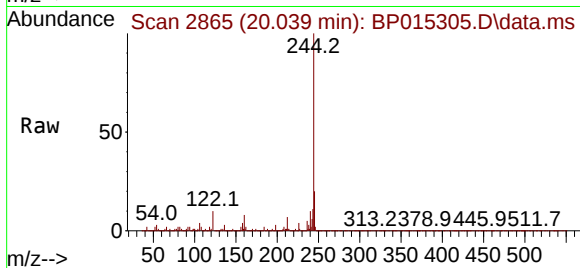
Tgt Ion:244 Resp: 3072521

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.1 8.2 12.4



#80

Butylbenzylphthalate

Concen: 5.716 ng

RT: 20.704 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

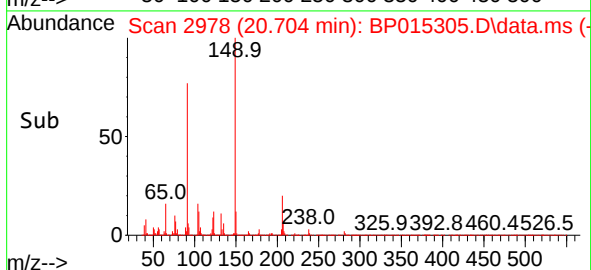
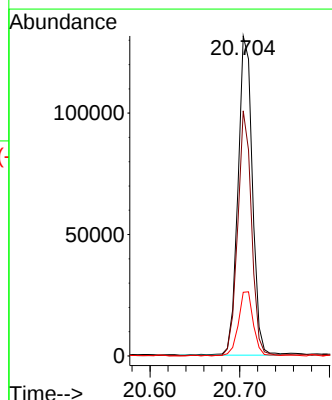
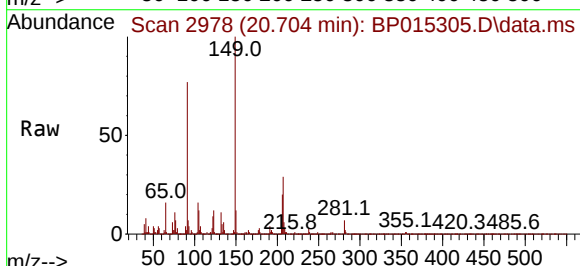
Tgt Ion:149 Resp: 146496

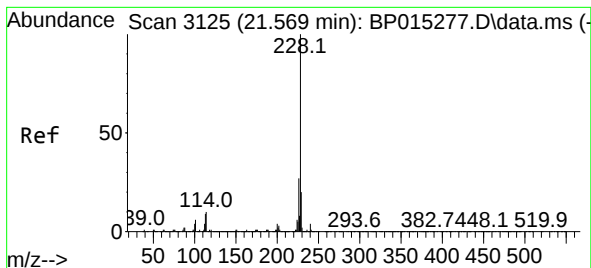
Ion Ratio Lower Upper

149 100

91 76.6 58.2 87.2

206 19.9 16.2 24.4





#81

Benzo(a)anthracene

Concen: 6.743 ng

RT: 21.563 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

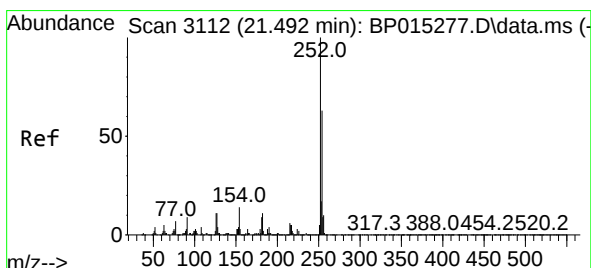
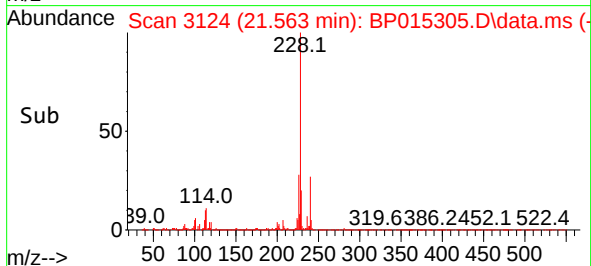
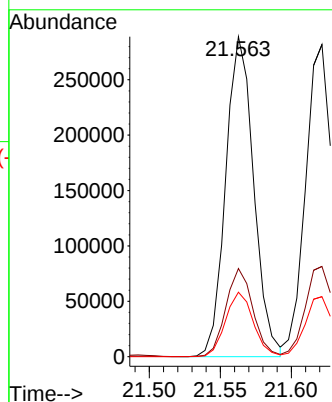
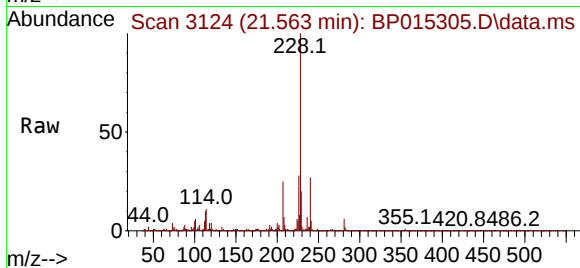
Tgt Ion:228 Resp: 395967

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 20.1 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 7.724 ng

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

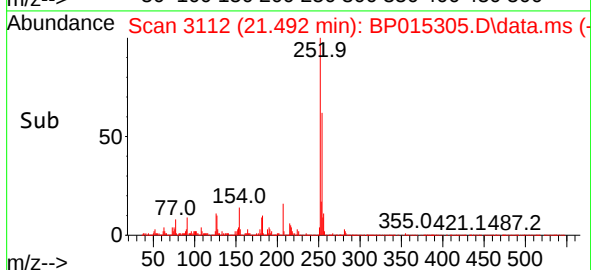
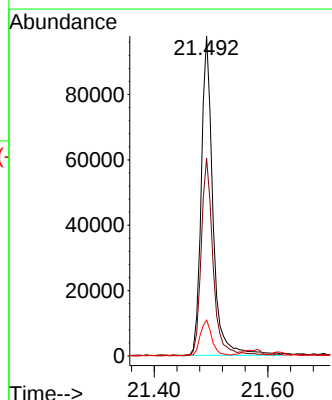
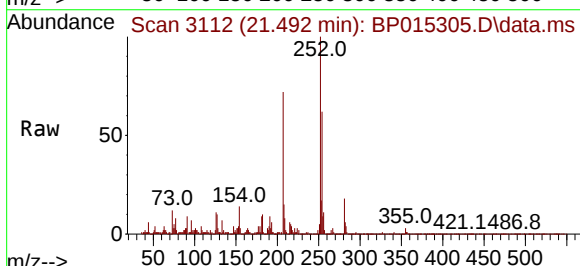
Tgt Ion:252 Resp: 140101

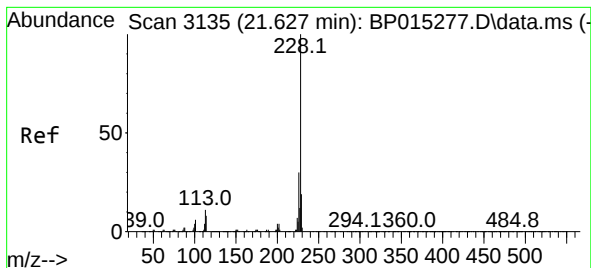
Ion Ratio Lower Upper

252 100

254 61.8 50.7 76.1

126 11.2 8.7 13.1





#83

Chrysene

Concen: 6.815 ng

RT: 21.622 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

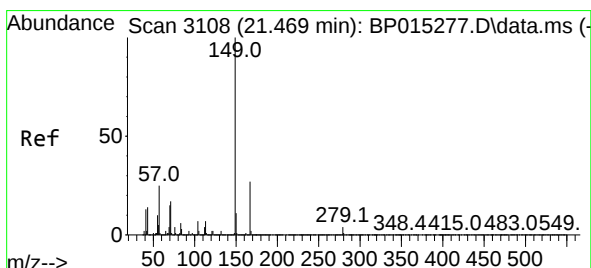
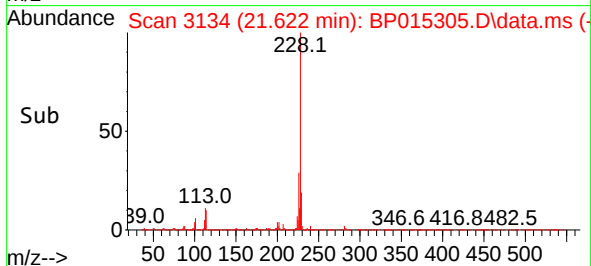
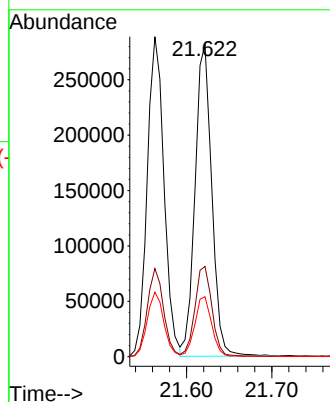
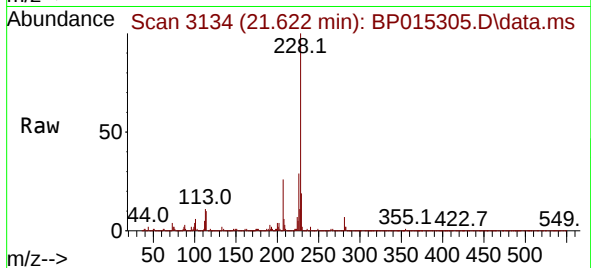
Tgt Ion:228 Resp: 383760

Ion Ratio Lower Upper

228 100

226 28.9 23.8 35.6

229 19.2 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.612 ng

RT: 21.463 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

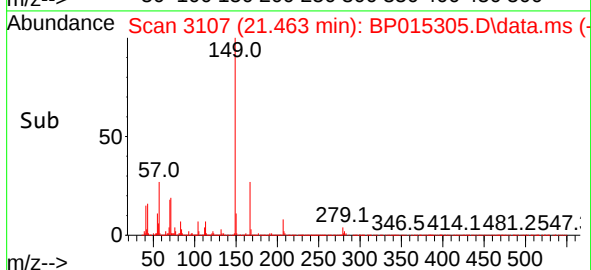
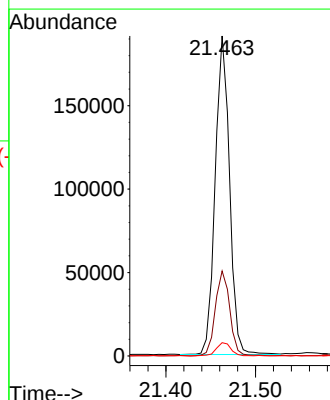
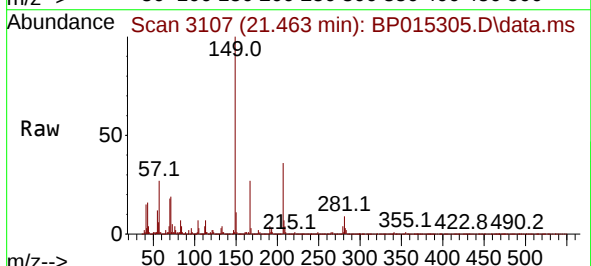
Tgt Ion:149 Resp: 211813

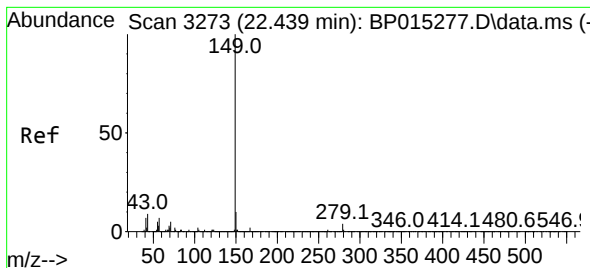
Ion Ratio Lower Upper

149 100

167 26.5 21.6 32.4

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 5.526 ng

RT: 22.433 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

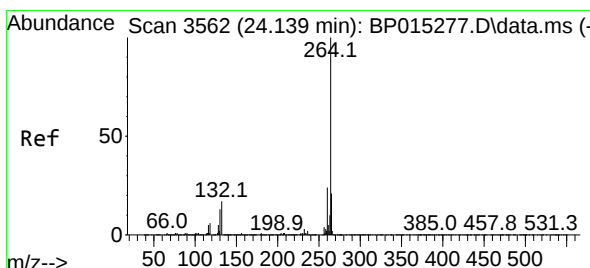
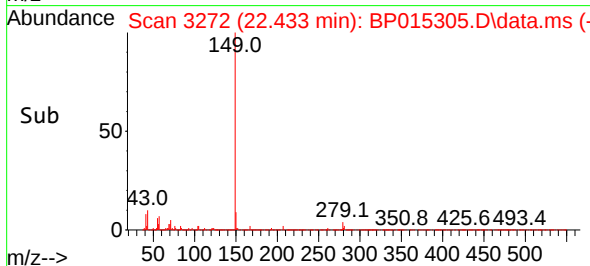
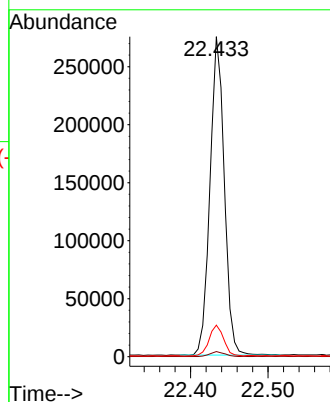
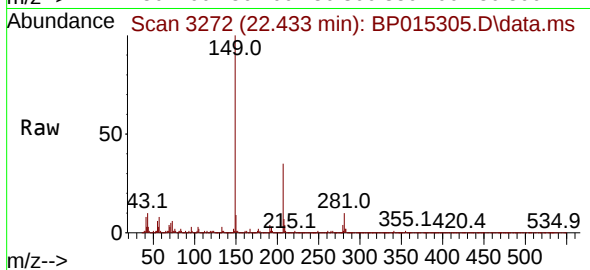
Tgt Ion:149 Resp: 352834

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.133 min Scan# 3561

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

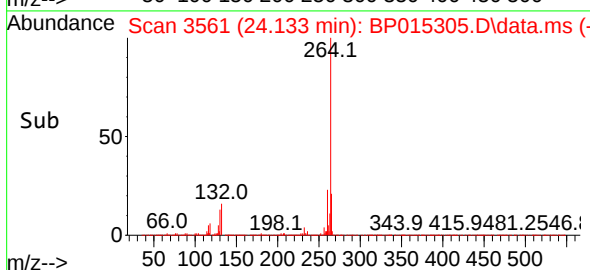
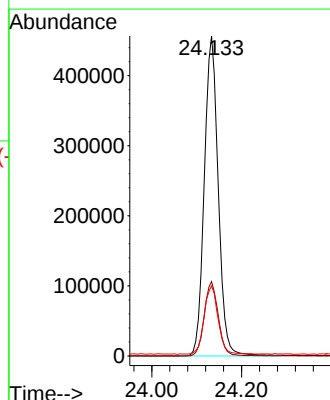
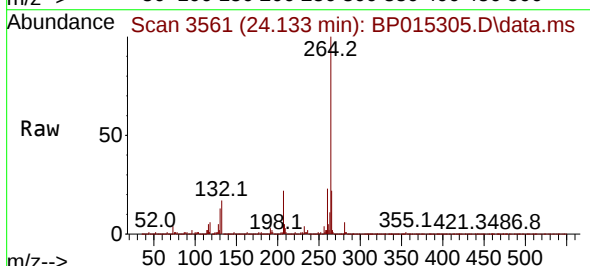
Tgt Ion:264 Resp: 984416

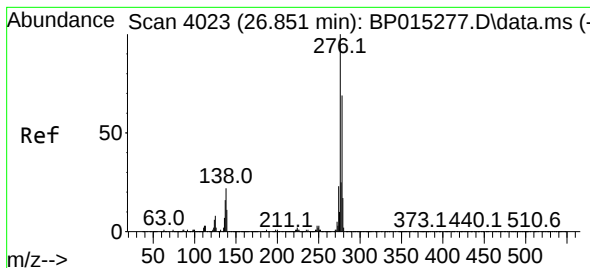
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.713 ng

RT: 26.827 min Scan# 4023

Delta R.T. -0.024 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

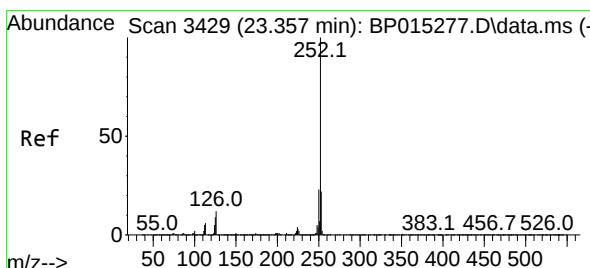
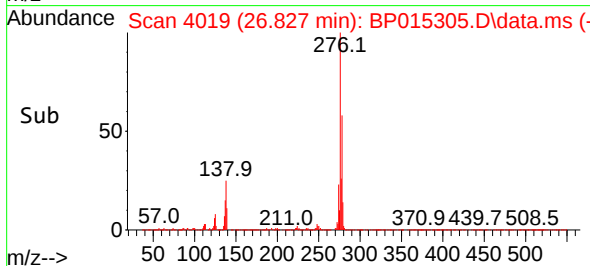
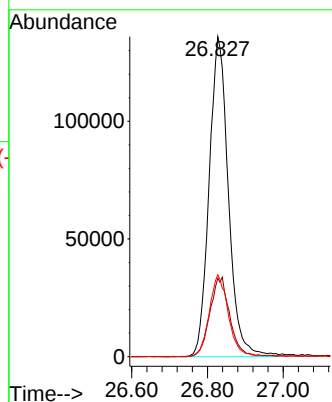
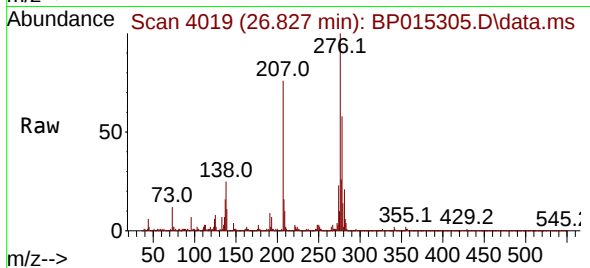
Tgt Ion:276 Resp: 479013

Ion Ratio Lower Upper

276 100

138 25.7 19.0 28.6

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 6.605 ng

RT: 23.345 min Scan# 3427

Delta R.T. -0.012 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

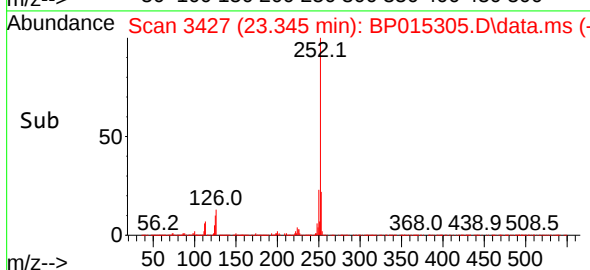
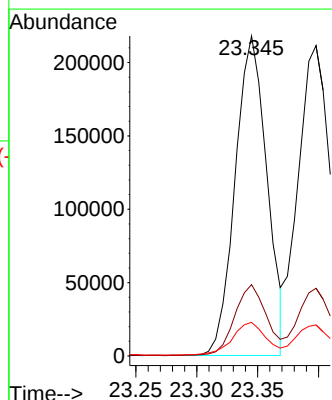
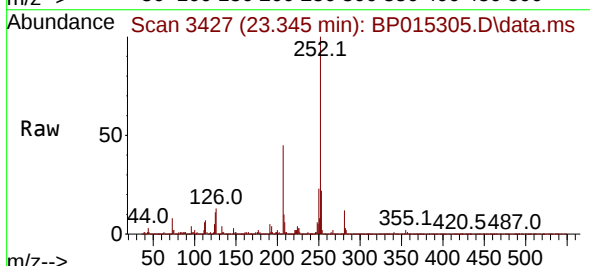
Tgt Ion:252 Resp: 395298

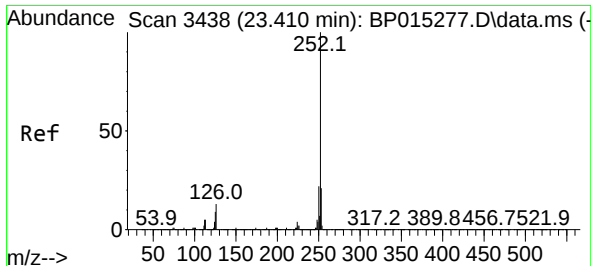
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.5 7.2 10.8

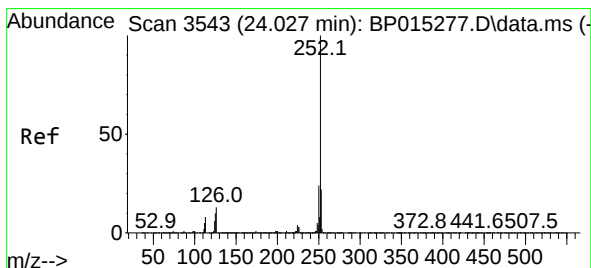
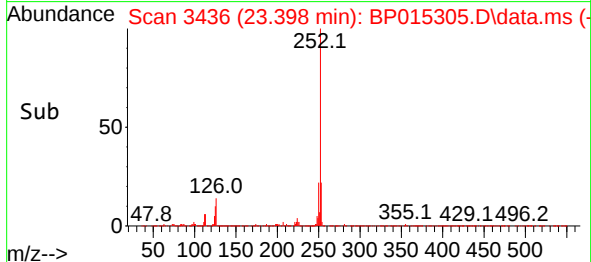
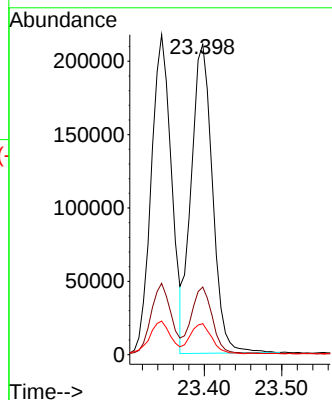
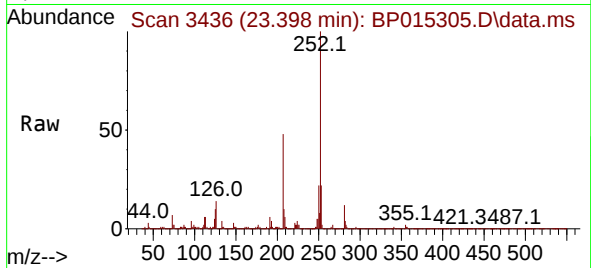




#89
Benzo(k)fluoranthene
Concen: 6.679 ng
RT: 23.398 min Scan# 3438
Delta R.T. -0.012 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

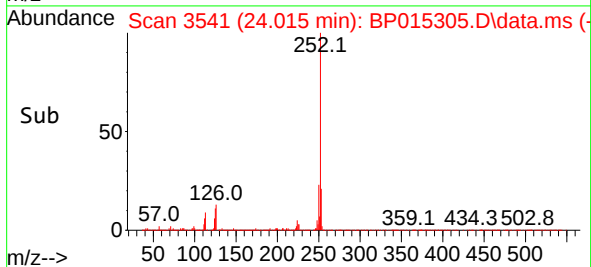
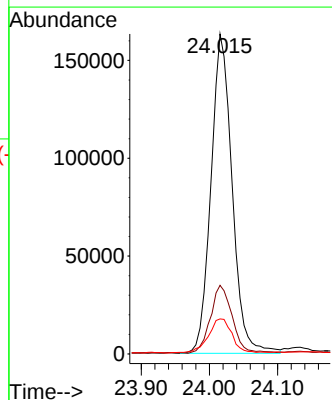
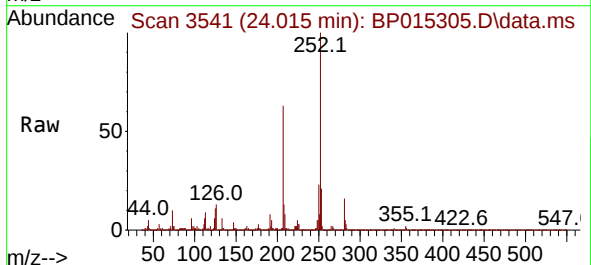
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

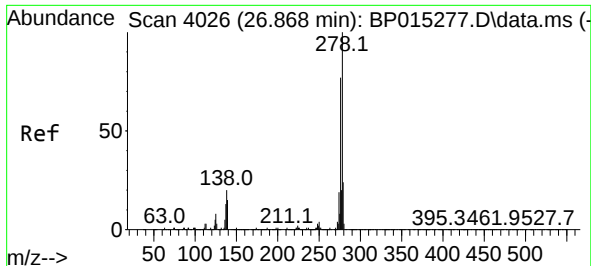
Tgt Ion:252 Resp: 402524
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 10.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 6.106 ng
RT: 24.015 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:252 Resp: 352841
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 11.0 8.4 12.6

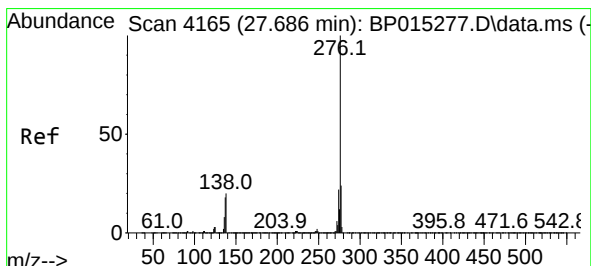
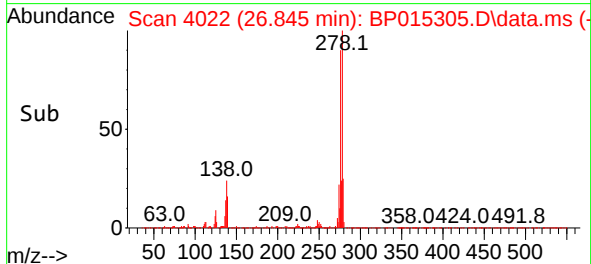
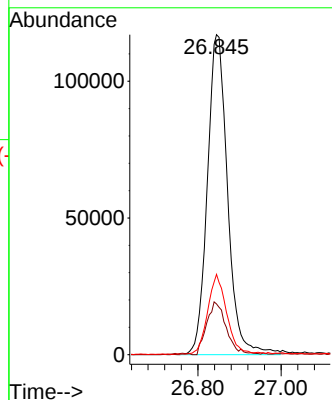
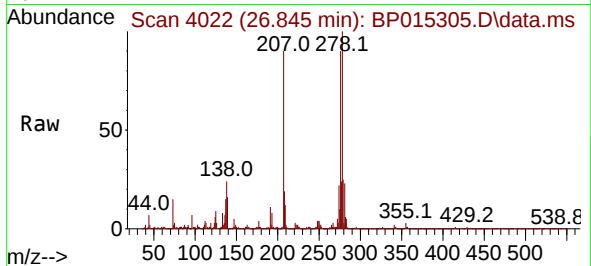




#91
Dibenzo(a,h)anthracene
Concen: 6.752 ng
RT: 26.845 min Scan# 4026
Delta R.T. -0.023 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:278 Resp: 395612
Ion Ratio Lower Upper
278 100
139 15.9 12.3 18.5
279 25.1 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 6.554 ng
RT: 27.662 min Scan# 4161
Delta R.T. -0.024 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:276 Resp: 390197
Ion Ratio Lower Upper
276 100
277 22.7 19.0 28.6
138 21.7 16.2 24.2

