

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071420\
 Data File : BP002747.D
 Acq On : 14 Jul 2020 13:33
 Operator : CG/JU
 Sample : L3216-09
 Misc : MDL-MDL-WATER-4PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Quant Time: Jul 14 14:03:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 12:31:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	191259	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	783150	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	493490	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	1051645	20.00	ng	0.00
76) Chrysene-d12	21.07	240	1015304	20.00	ng	0.00
86) Perylene-d12	23.26	264	974070	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1592985	140.52	ng	0.00
7) Phenol-d6	6.76	99	2133526	131.88	ng	0.00
23) Nitrobenzene-d5	8.70	82	1114017	76.08	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	729535	141.62	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	2316462	72.62	ng	0.00
79) Terphenyl-d14	19.55	244	2641672	59.65	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	24541	4.966	ng	99
3) Pyridine	3.52	79	45144	3.065	ng	98
4) n-Nitrosodimethylamine	3.43	42	18900	3.406	ng	# 93
6) Aniline	6.89	93	77195	3.769	ng	96
8) 2-Chlorophenol	7.13	128	47365	3.755	ng	95
9) Benzaldehyde	6.70	77	46102	5.245	ng	97
10) Phenol	6.78	94	63079	3.806	ng	94
11) bis(2-Chloroethyl)ether	6.99	93	53167	3.857	ng	99
12) 1,3-Dichlorobenzene	7.45	146	53329	3.687	ng	97
13) 1,4-Dichlorobenzene	7.59	146	53568	3.691	ng	97
14) 1,2-Dichlorobenzene	7.90	146	51554	3.683	ng	98
15) Benzyl Alcohol	7.80	79	32558	3.007	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.09	45	74620	3.764	ng	100
17) 2-Methylphenol	8.02	107	37171	3.148	ng	96
18) Hexachloroethane	8.62	117	18908	3.678	ng	96
19) n-Nitroso-di-n-propylamine	8.36	70	36510	3.706	ng	97
20) 3+4-Methylphenols	8.35	107	50472	3.233	ng	96
22) Acetophenone	8.37	105	76999	3.988	ng	# 96
24) Nitrobenzene	8.74	77	61668	3.889	ng	98
25) Isophorone	9.26	82	101779	3.410	ng	99
26) 2-Nitrophenol	9.46	139	19568	2.857	ng	96
27) 2,4-Dimethylphenol	9.53	122	38013	3.418	ng	98
28) bis(2-Chloroethoxy)methane	9.76	93	68250	3.765	ng	97
29) 2,4-Dichlorophenol	10.01	162	37606	3.067	ng	95
30) 1,2,4-Trichlorobenzene	10.19	180	49704	3.540	ng	98
31) Naphthalene	10.37	128	153200	3.705	ng	99
32) Benzoic acid	9.72	122	2071	0.273	ng	# 79
33) 4-Chloroaniline	10.50	127	57068	3.221	ng	99
34) Hexachlorobutadiene	10.67	225	27369	3.372	ng	98
35) Caprolactam	11.25	113	11272	2.630	ng	97
36) 4-Chloro-3-methylphenol	11.65	107	41223	3.119	ng	99
37) 2-Methylnaphthalene	12.00	142	108440	3.717	ng	99
38) 1-Methylnaphthalene	12.22	142	103618	3.755	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	56393	3.718	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	6766	1.239	ng	97
43) 2,4,6-Trichlorophenol	12.64	196	27341	2.816	ng	92
44) 2,4,5-Trichlorophenol	12.72	196	29363	2.608	ng	94
46) 1,1'-Biphenyl	13.03	154	151133	4.108	ng	99
47) 2-Chloronaphthalene	13.06	162	105828	3.541	ng	98
48) 2-Nitroaniline	13.28	65	24557	2.659	ng	86
49) Acenaphthylene	13.92	152	169051	3.589	ng	99
50) Dimethylphthalate	13.67	163	131817	3.502	ng	100
51) 2,6-Dinitrotoluene	13.78	165	24756	3.073	ng	88
52) Acenaphthene	14.26	154	104120	3.698	ng	99
53) 3-Nitroaniline	14.12	138	22316	2.476	ng	# 79
54) 2,4-Dinitrophenol	14.38	184	874	0.276	ng	# 77
55) Dibenzofuran	14.60	168	170279	3.771	ng	99
56) 4-Nitrophenol	14.50	139	7902	1.256	ng	91
57) 2,4-Dinitrotoluene	14.59	165	28219	2.659	ng	# 80
58) Fluorene	15.26	166	130109	3.894	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	27752	3.127	ng	99
60) Diethylphthalate	15.05	149	127769	3.501	ng	97
61) 4-Chlorophenyl-phenylether	15.26	204	68537	3.861	ng	98
62) 4-Nitroaniline	15.30	138	19344	2.168	ng	91
63) Azobenzene	15.56	77	137598	3.667	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	8419	1.478	ng	# 76
66) n-Nitrosodiphenylamine	15.48	169	114479	3.685	ng	98
67) 4-Bromophenyl-phenylether	16.16	248	37278	3.254	ng	96
68) Hexachlorobenzene	16.27	284	42427	3.515	ng	# 93
69) Atrazine	16.44	200	33609	3.963	ng	98
70) Pentachlorophenol	16.65	266	5177	1.095	ng	96
71) Phenanthrene	17.00	178	215999	3.793	ng	99
72) Anthracene	17.10	178	205323	3.675	ng	98
73) Carbazole	17.37	167	182342	3.326	ng	99
74) Di-n-butylphthalate	17.95	149	189096	3.180	ng	99
75) Fluoranthene	18.99	202	238203	3.610	ng	98
77) Benzidine	19.18	184	68836	2.735	ng	100
78) Pyrene	19.35	202	249878	3.565	ng	99
80) Butylbenzylphthalate	20.23	149	75709	2.737	ng	88
81) Benzo(a)anthracene	21.05	228	237559	3.615	ng	97
82) 3,3'-Dichlorobenzidine	21.00	252	67677	3.109	ng	94
83) Chrysene	21.10	228	221456	3.540	ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	119843	3.115	ng	# 98
85) Di-n-octyl phthalate	21.86	149	192090	2.777	ng	97
87) Indeno(1,2,3-cd)pyrene	25.45	276	206701	2.936	ng	97
88) Benzo(b)fluoranthene	22.60	252	202315	3.345	ng	99
89) Benzo(k)fluoranthene	22.65	252	221793	3.723	ng	98
90) Benzo(a)pyrene	23.16	252	180481	3.149	ng	# 97
91) Dibenzo(a,h)anthracene	25.47	278	170677	3.006	ng	97
92) Benzo(g,h,i)perylene	26.12	276	168389	2.925	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.55 min Scan# 793

Delta R.T. 0.00 min

Lab File: BP002747.D

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Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

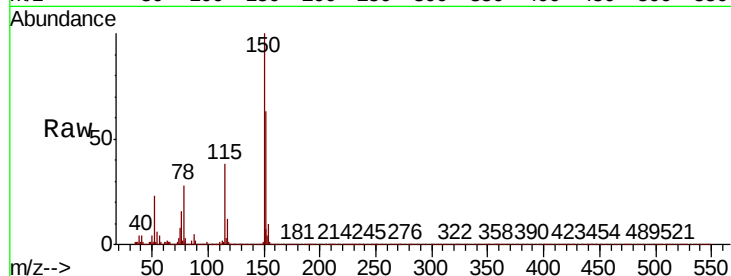
Tot Ion:152 Resp: 191259

Ion Ratio Lower Upper

152 100

150 159.8 123.7 185.5

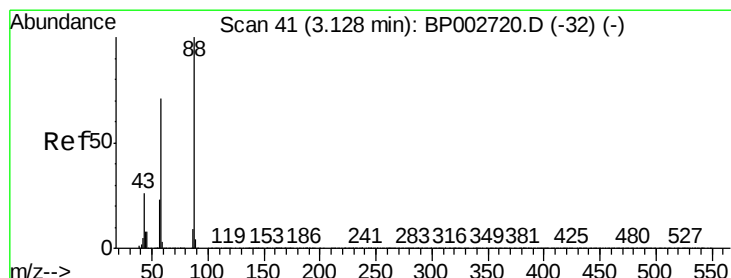
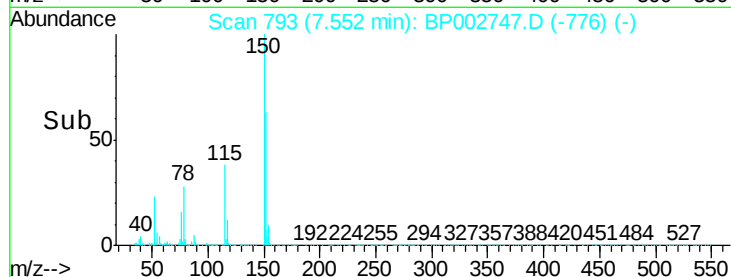
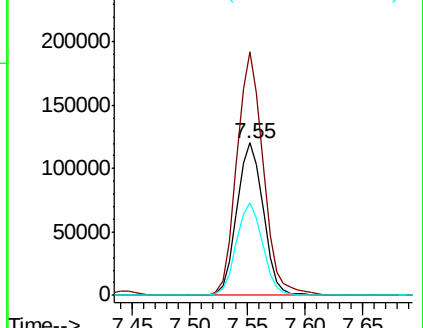
115 60.6 47.2 70.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.966 ng

RT: 3.13 min Scan# 41

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

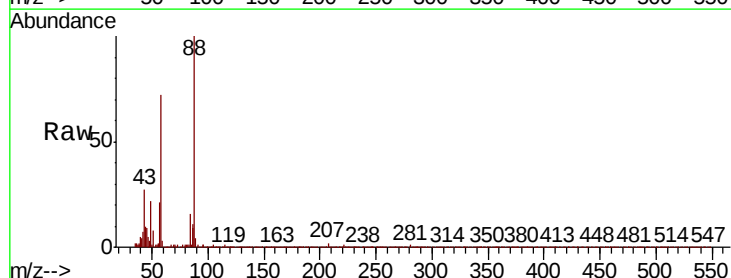
Tgt Ion: 88 Resp: 24541

Ion Ratio Lower Upper

88 100

58 71.9 58.2 87.4

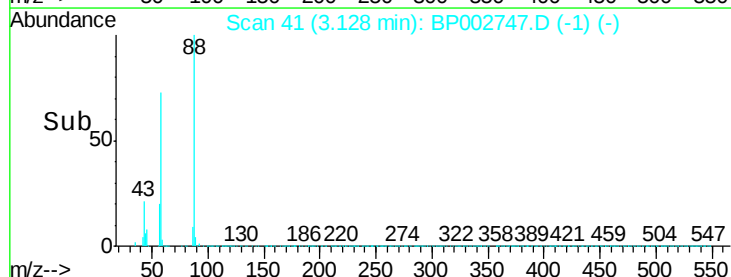
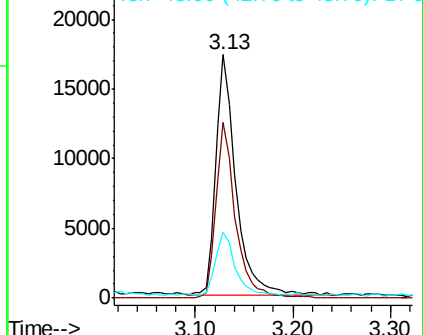
43 25.5 21.5 32.3

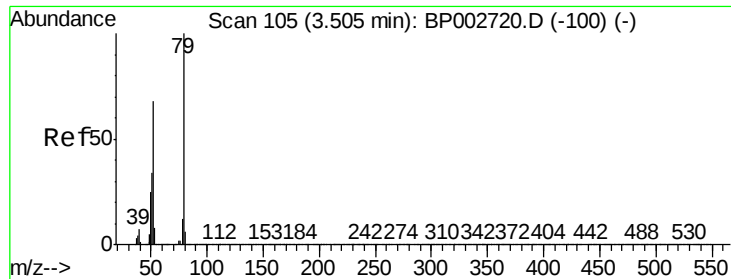


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

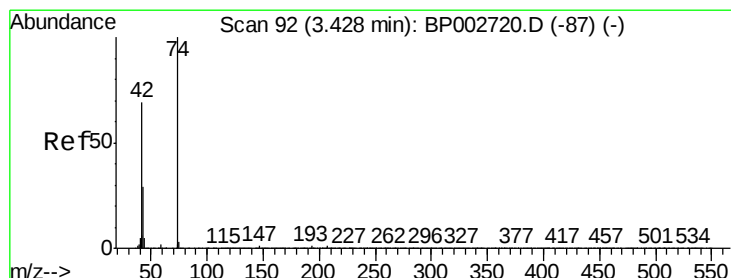
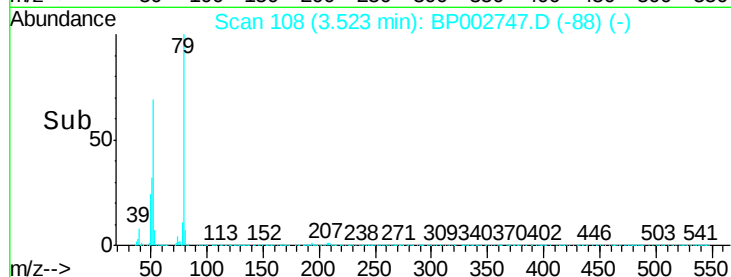
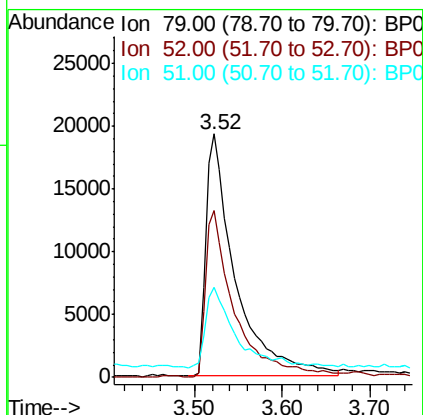
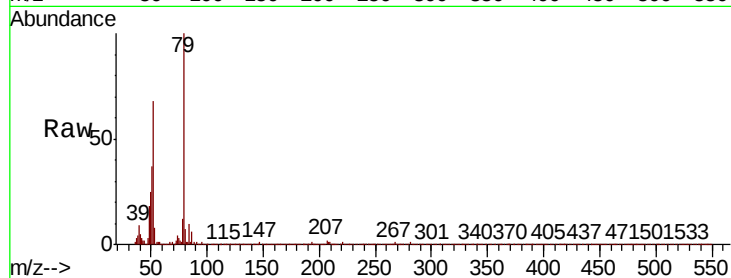




#3
 Pvridine
 Concen: 3.065 ng
 RT: 3.52 min Scan# 108
 Delta R.T. 0.02 min
 Lab File: BP002747.D
 Acq: 14 Jul 2020 13:33

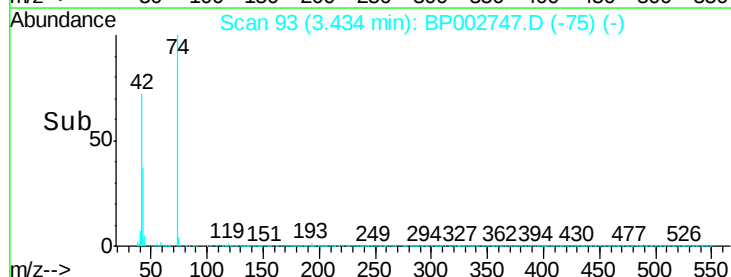
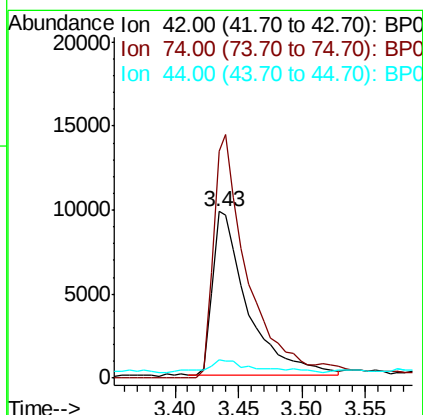
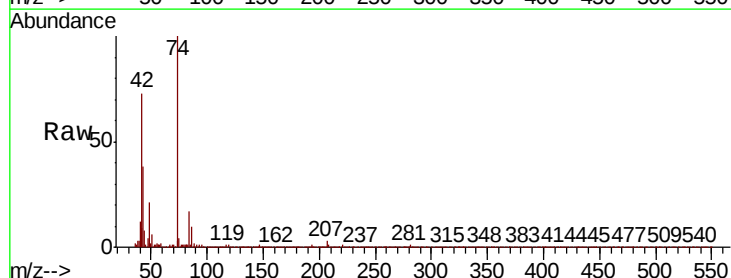
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2020

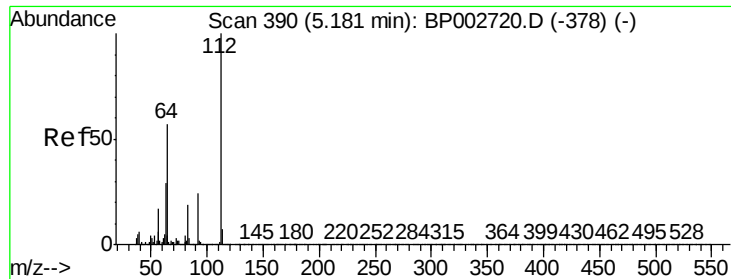
Tot Ion: 79 Resp: 45144
 Ion Ratio Lower Upper
 79 100
 52 68.4 54.2 81.2
 51 37.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 3.406 ng
 RT: 3.43 min Scan# 93
 Delta R.T. 0.01 min
 Lab File: BP002747.D
 Acq: 14 Jul 2020 13:33

Tgt Ion: 42 Resp: 18900
 Ion Ratio Lower Upper
 42 100
 74 136.5 116.3 174.5
 44 10.9 5.9 8.9#





#5

2-Fluorophenol

Concen: 140.525 ng

RT: 5.18 min Scan# 389

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

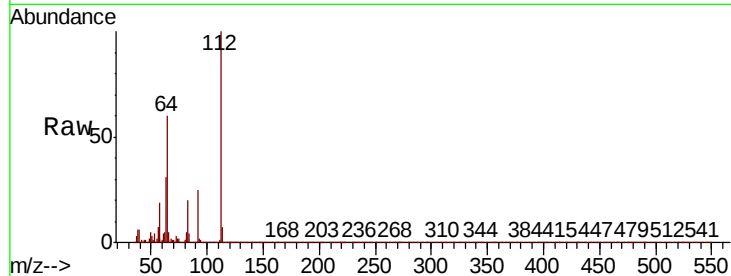
Tot Ion:112 Resp: 1592985

Ion Ratio Lower Upper

112 100

64 60.1 45.6 68.4

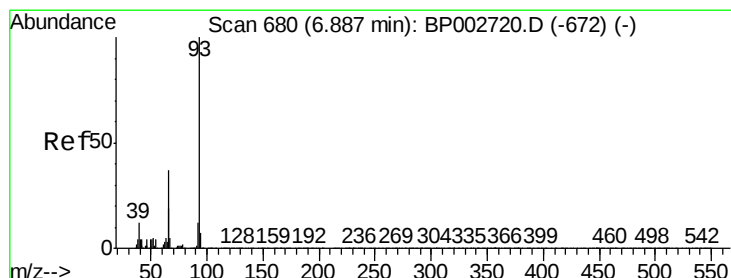
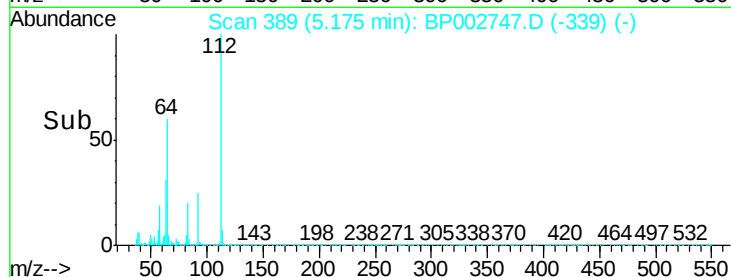
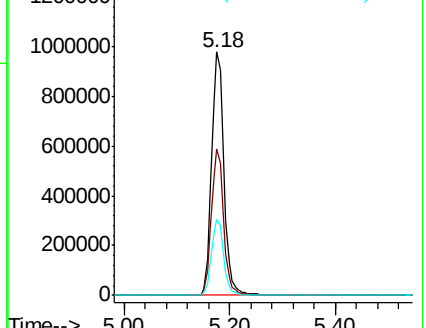
63 31.4 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 3.769 ng

RT: 6.89 min Scan# 680

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

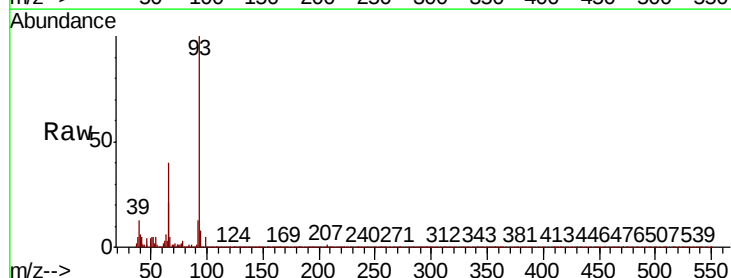
Tgt Ion: 93 Resp: 77195

Ion Ratio Lower Upper

93 100

66 40.5 30.1 45.1

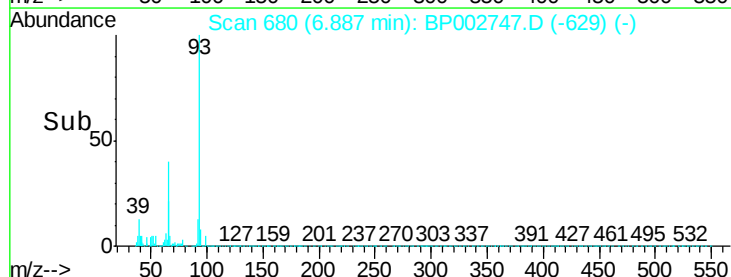
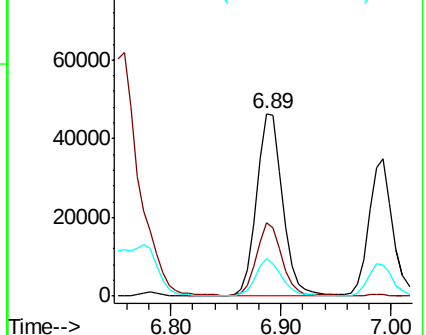
65 20.9 15.4 23.2

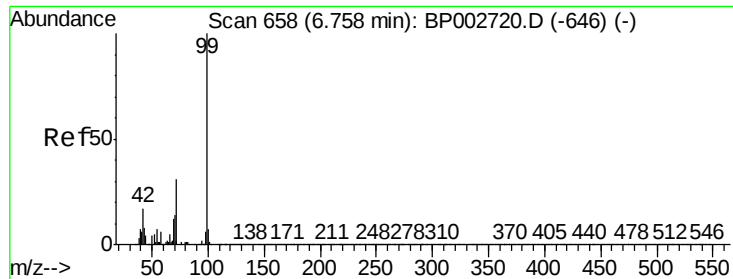


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 131.876 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

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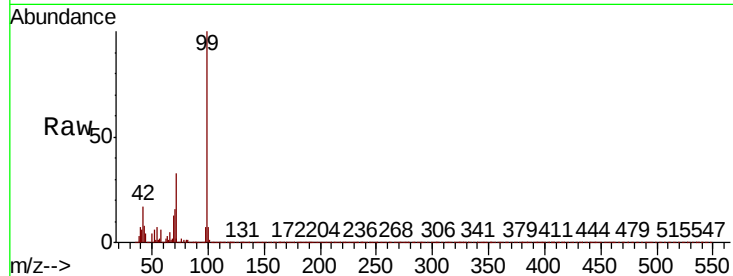
Tot Ion: 99 Resp: 2133526

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.4	20.2
71	32.7	24.6	36.8

99 100

42 17.3 13.4 20.2

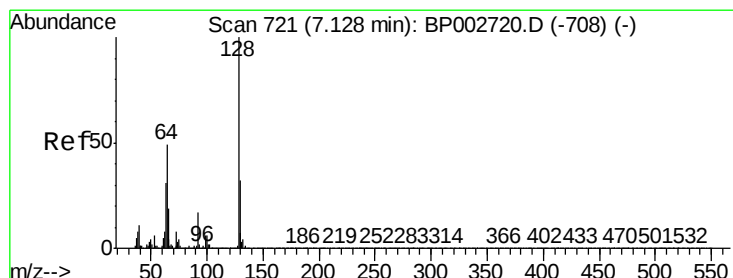
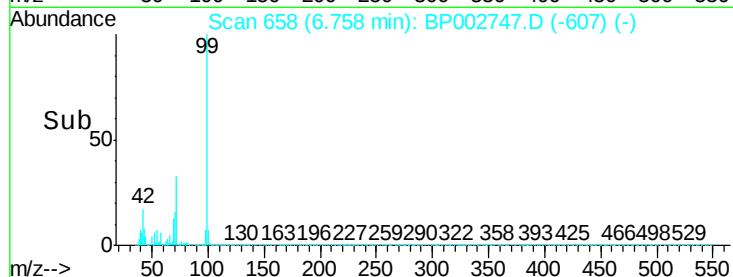
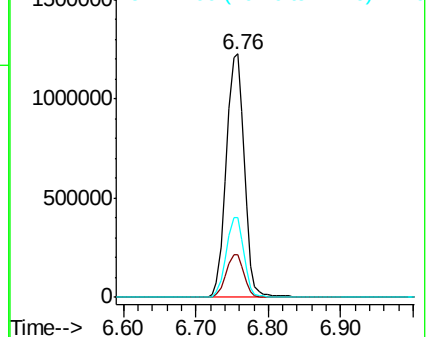
71 32.7 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 3.755 ng

RT: 7.13 min Scan# 721

Delta R.T. 0.00 min

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Acq: 14 Jul 2020 13:33

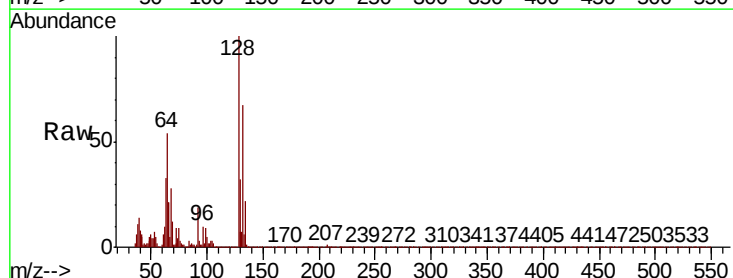
Tgt Ion: 128 Resp: 47365

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	54.4	28.8	68.8

128 100

130 32.4 12.2 52.2

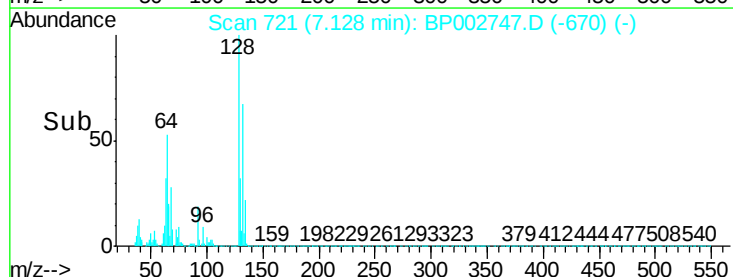
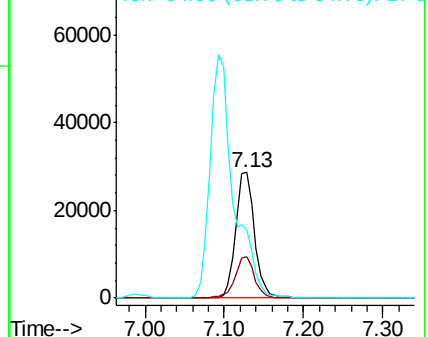
64 54.4 28.8 68.8

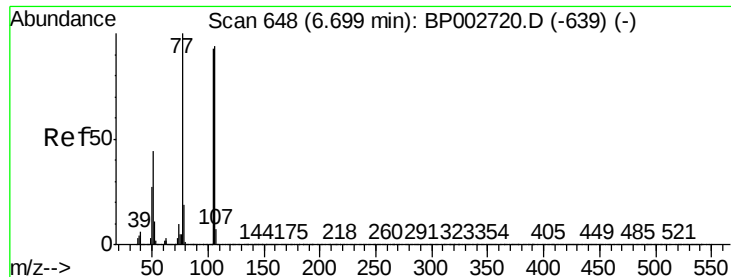


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 5.245 ng

RT: 6.70 min Scan# 649

Delta R.T. 0.00 min

Lab File: BP002747.D

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Instrument :

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ClientSampleId :

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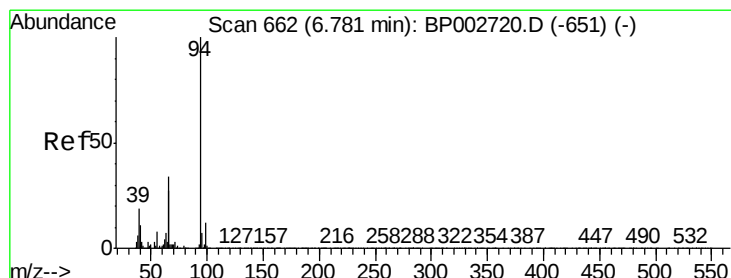
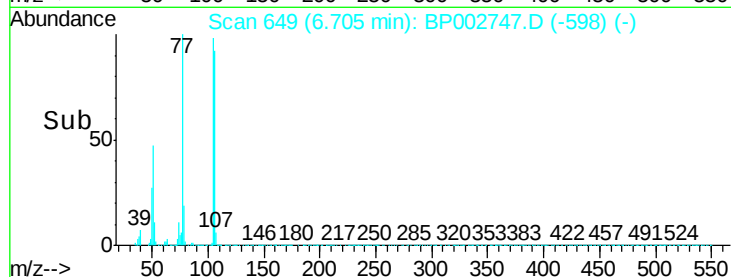
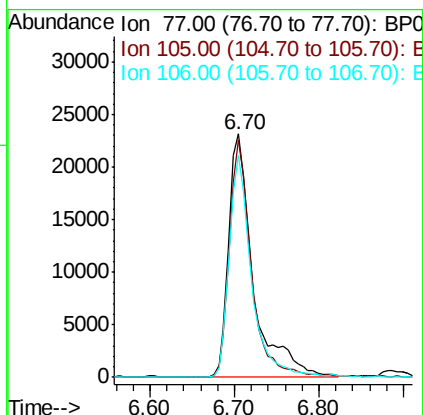
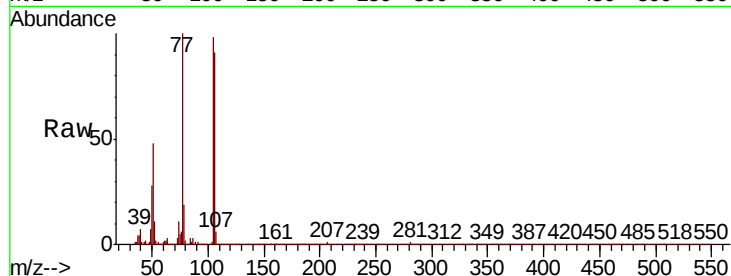
Tot Ion: 77 Resp: 46102

Ion Ratio Lower Upper

77 100

105 97.5 73.2 113.2

106 91.4 73.6 113.6



#10

Phenol

Concen: 3.806 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

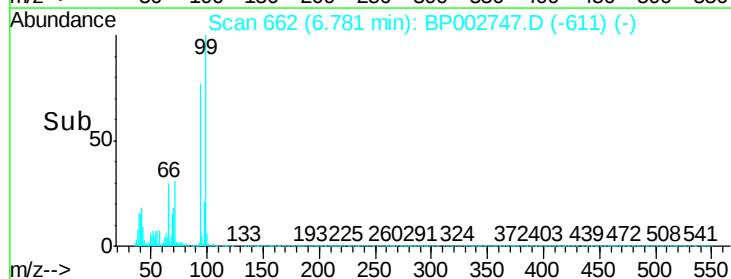
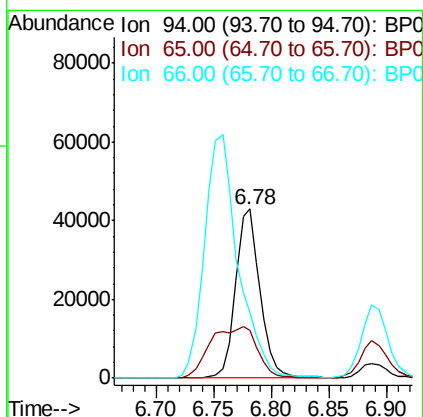
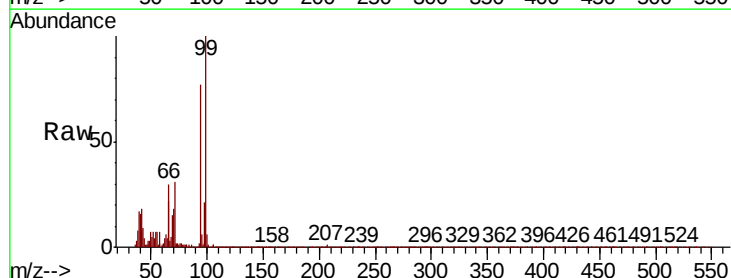
Tgt Ion: 94 Resp: 63079

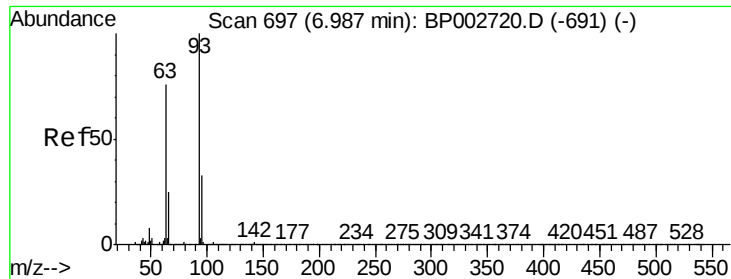
Ion Ratio Lower Upper

94 100

65 28.1 7.0 47.0

66 38.7 13.7 53.7

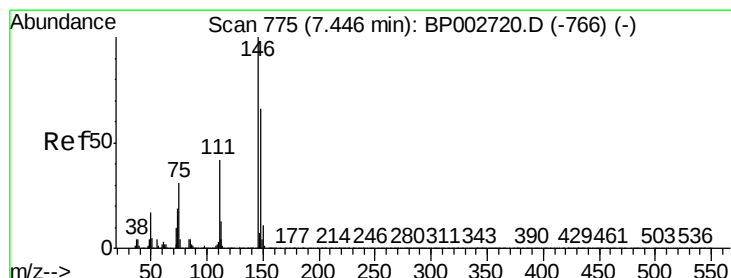
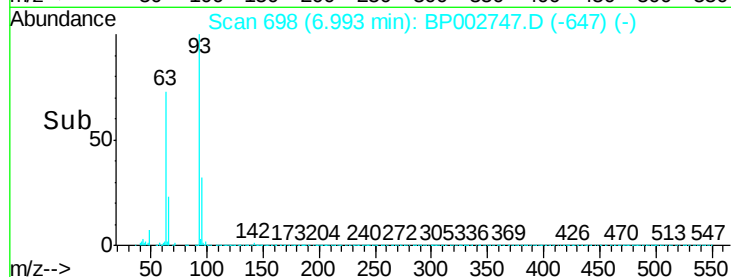
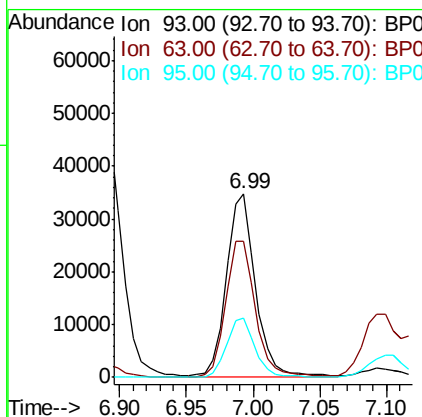
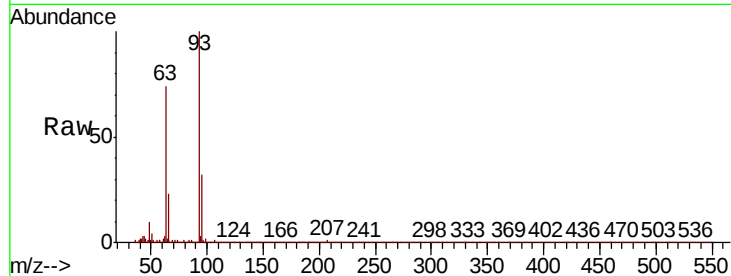




#11
bis(2-Chloroethyl)ether
Concen: 3.857 ng
RT: 6.99 min Scan# 698
Delta R.T. 0.00 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

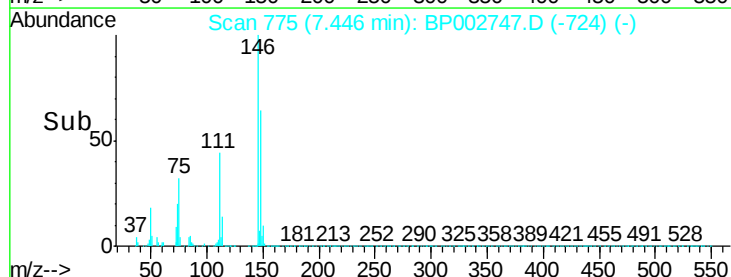
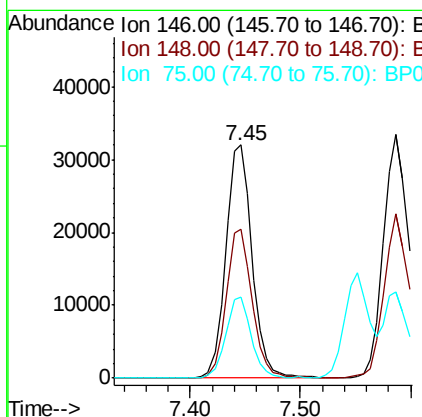
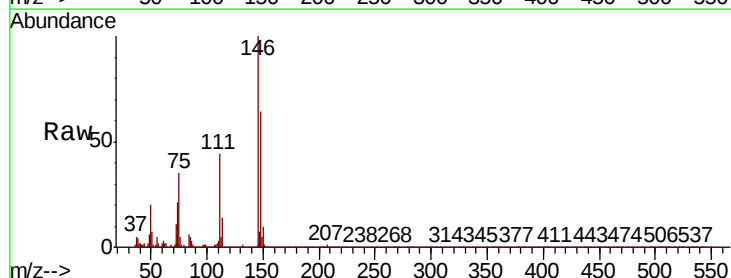
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

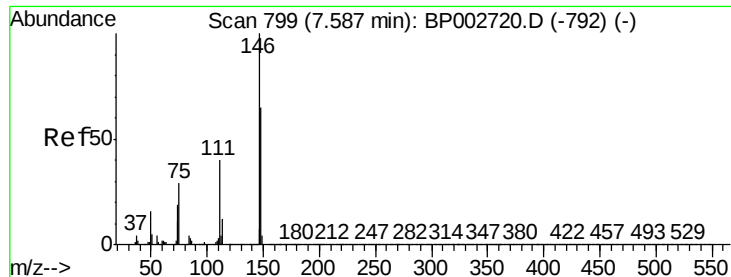
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	55.1	95.1
95	32.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 3.687 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	78.8
75	34.6	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 3.691 ng

RT: 7.59 min Scan# 799

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

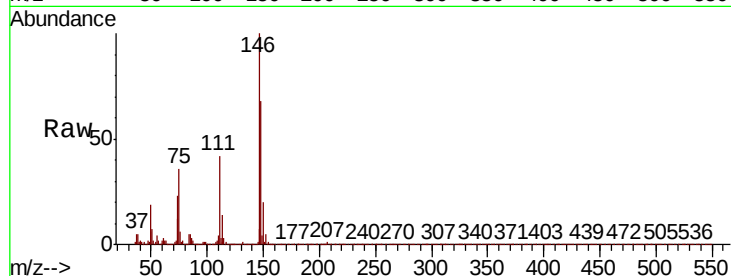
Tot Ion:146 Resp: 53568

Ion Ratio Lower Upper

146 100

148 67.6 52.1 78.1

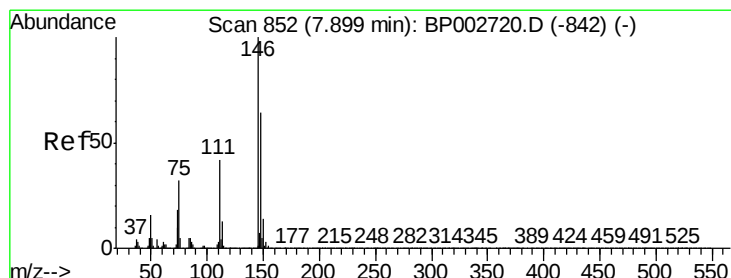
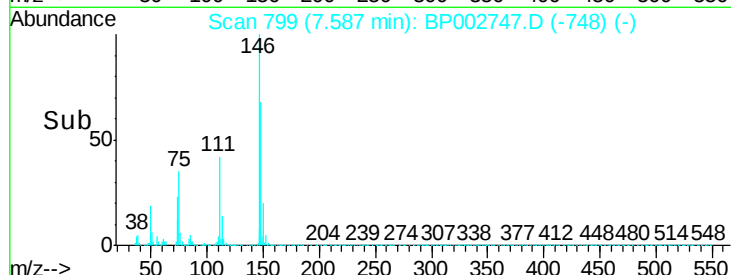
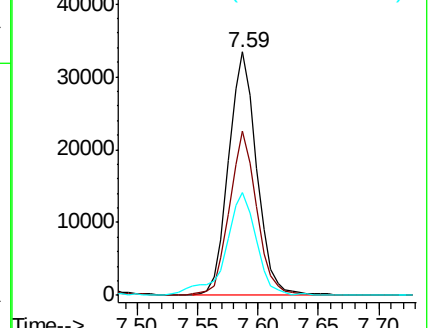
111 42.1 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 3.683 ng

RT: 7.90 min Scan# 852

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

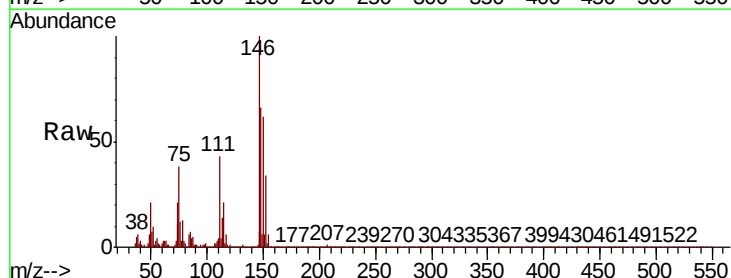
Tgt Ion:146 Resp: 51554

Ion Ratio Lower Upper

146 100

148 65.8 51.0 76.6

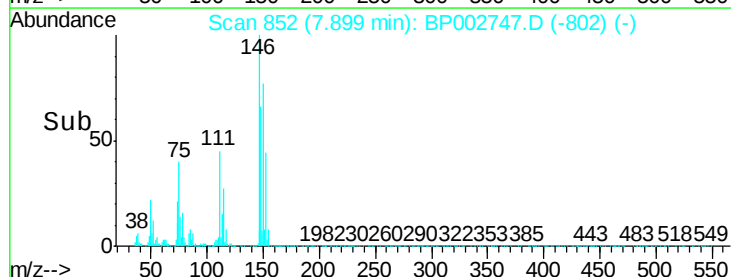
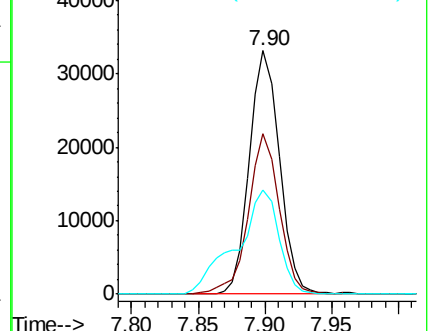
111 43.0 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.007 ng

RT: 7.80 min Scan# 836

Delta R.T. 0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

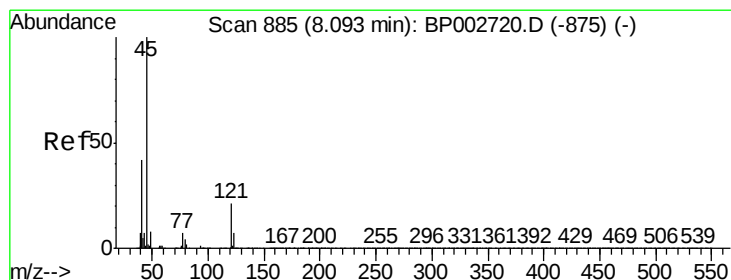
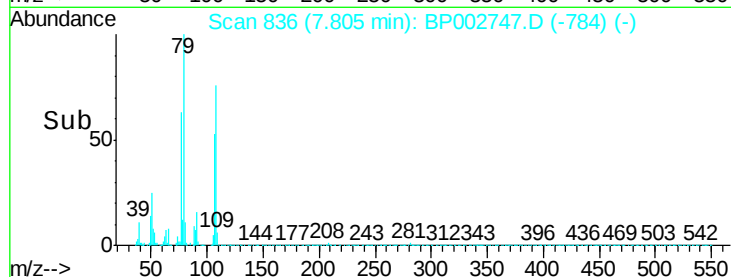
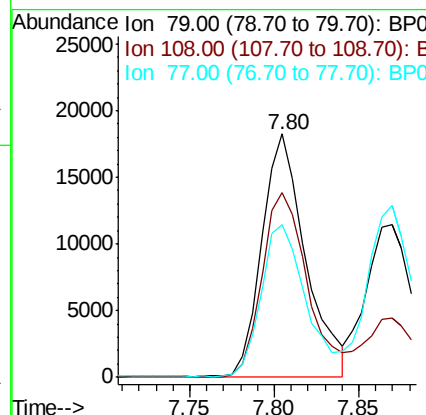
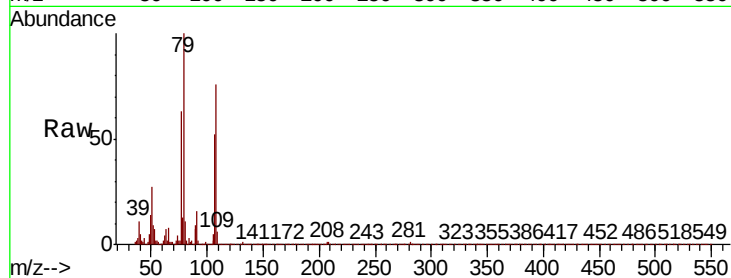
Tot Ion: 79 Resp: 32558

Ion Ratio Lower Upper

79 100

108 76.0 63.1 94.7

77 62.9 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.764 ng

RT: 8.09 min Scan# 885

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

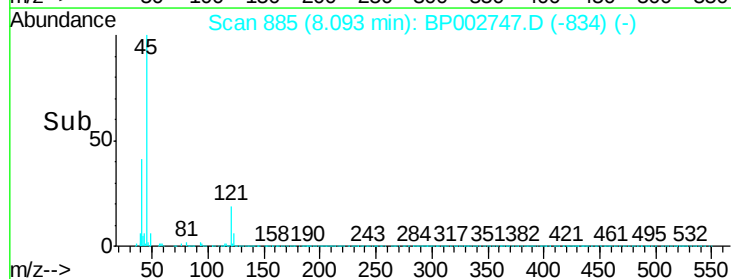
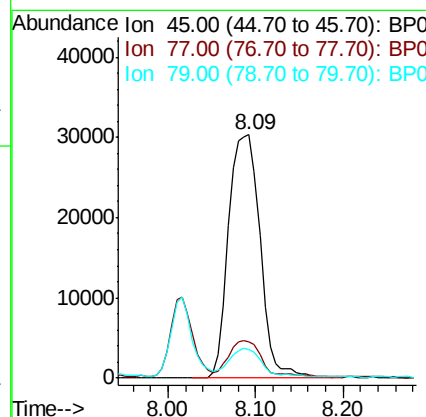
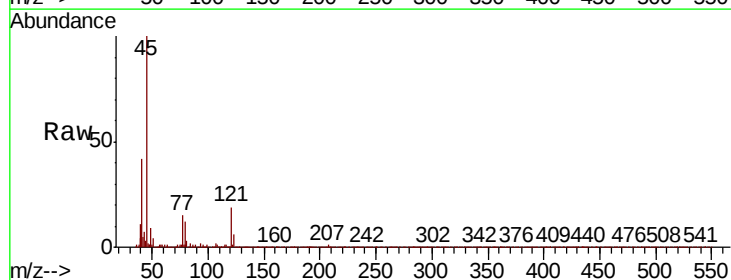
Tgt Ion: 45 Resp: 74620

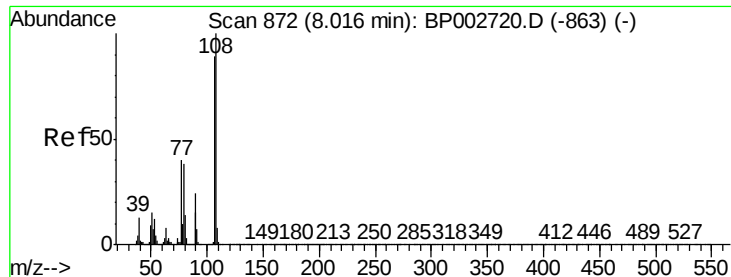
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.8

79 11.9 0.0 31.6





#17

2-Methylphenol

Concen: 3.148 ng

RT: 8.02 min Scan# 872

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:107 Resp: 37171

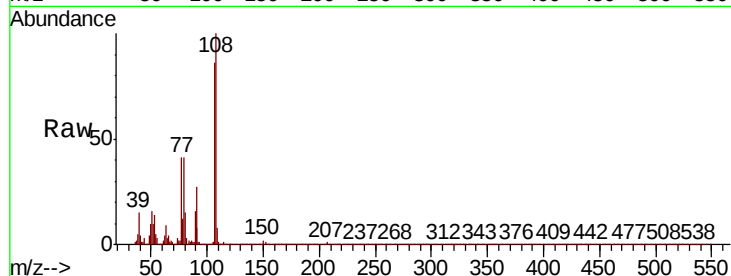
Ion Ratio Lower Upper

107 100

108 116.0 89.9 134.9

77 47.9 36.6 54.8

79 47.9 34.9 52.3

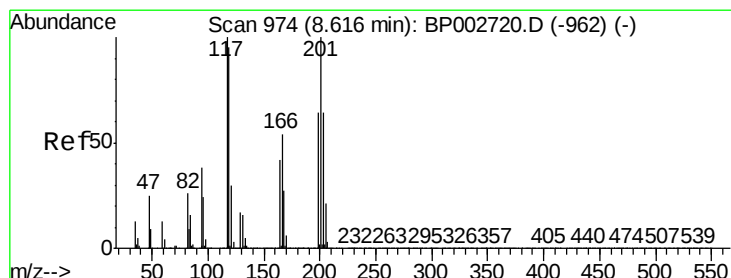
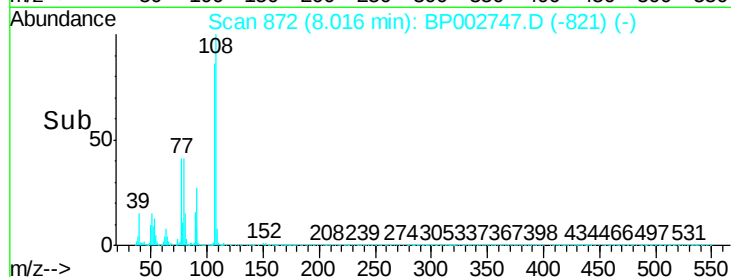
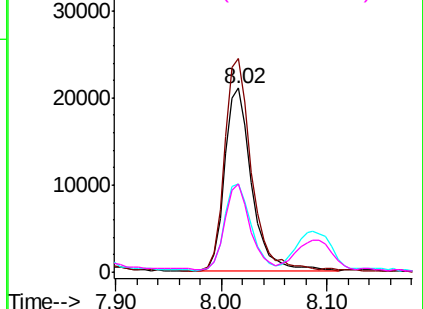


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 3.678 ng

RT: 8.62 min Scan# 974

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

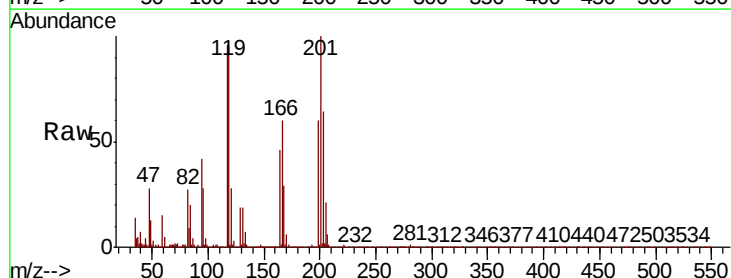
Tgt Ion:117 Resp: 18908

Ion Ratio Lower Upper

117 100

119 100.1 76.6 115.0

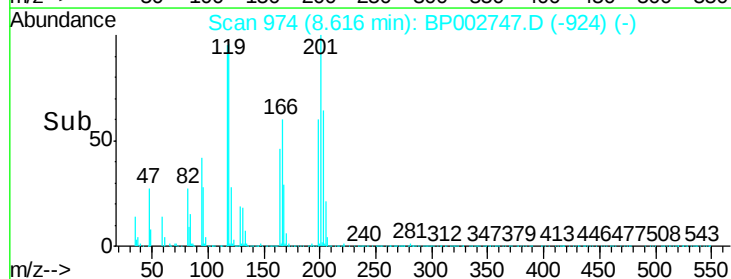
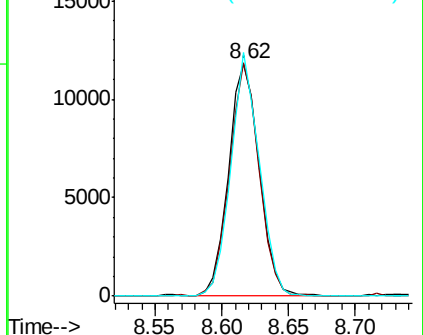
201 104.7 80.3 120.5

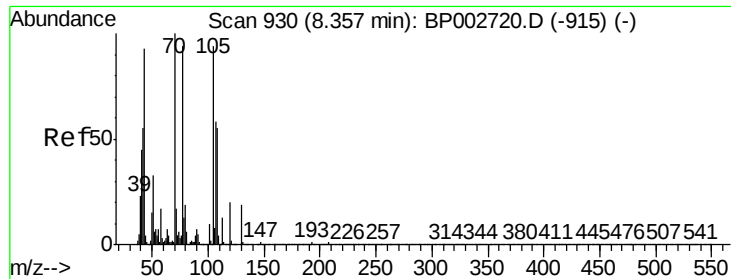


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

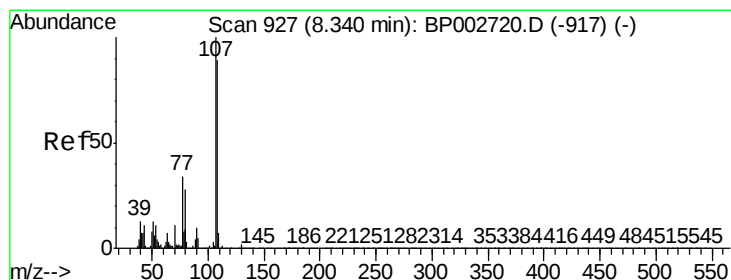
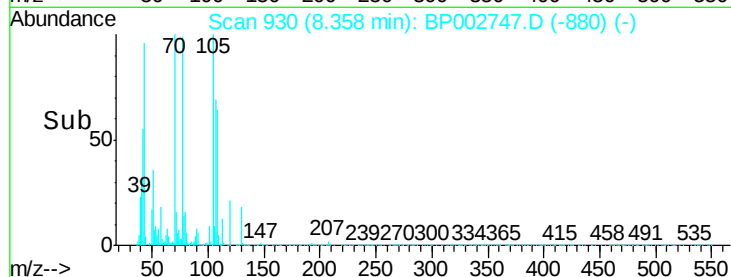
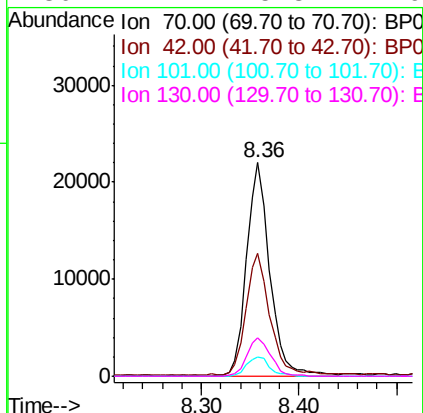
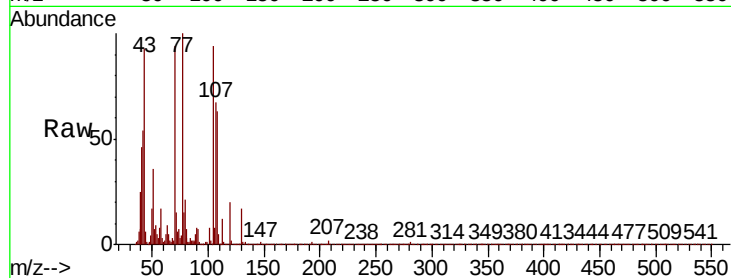




#19
n-Nitroso-di-n-propylamine
Concen: 3.706 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

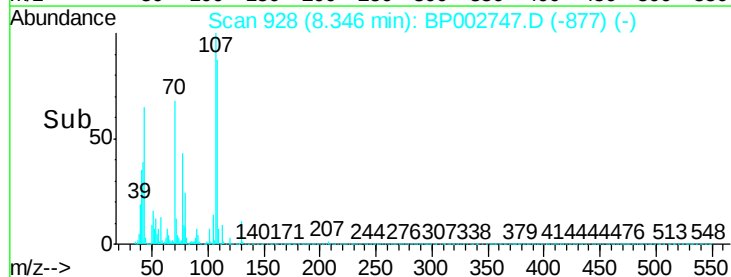
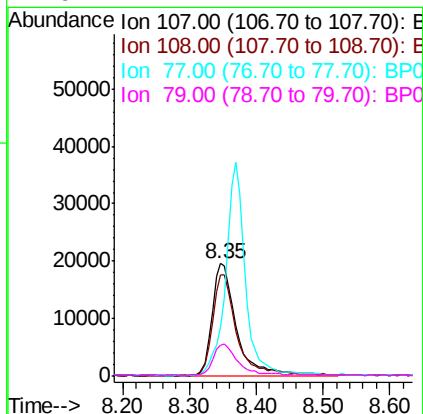
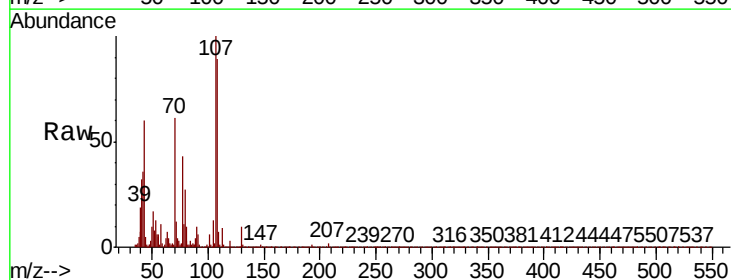
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

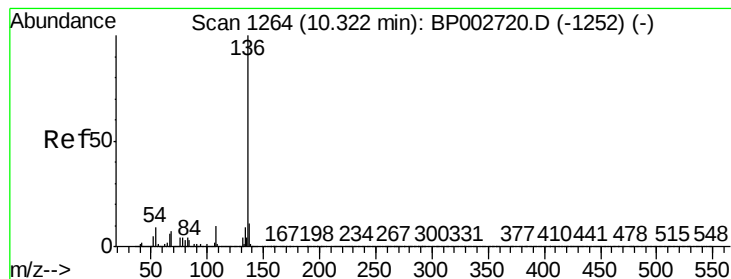
Tot Ion:	70	Resp:	36510
Ion	Ratio	Lower	Upper
70	100		
42	57.5	44.2	66.4
101	8.7	7.7	11.5
130	17.7	15.3	22.9



#20
3+4-Methylphenols
Concen: 3.233 ng
RT: 8.35 min Scan# 928
Delta R.T. 0.00 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:	107	Resp:	50472
Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.5	109.5
77	43.5	14.3	54.3
79	27.2	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

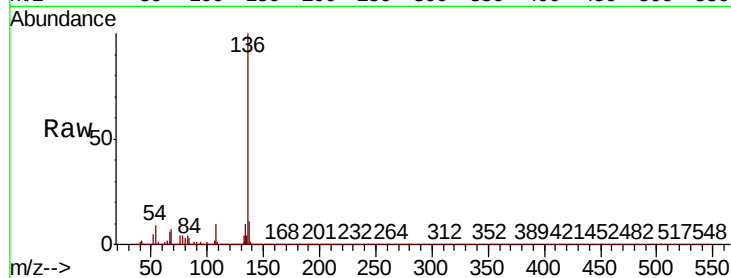
Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:136	Resp:	783150
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.6 13.0
54	8.8	6.9 10.3
68	7.4	5.7 8.5

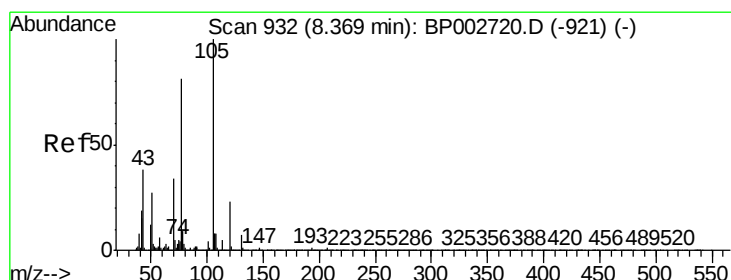
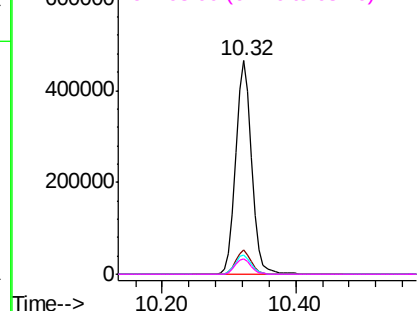
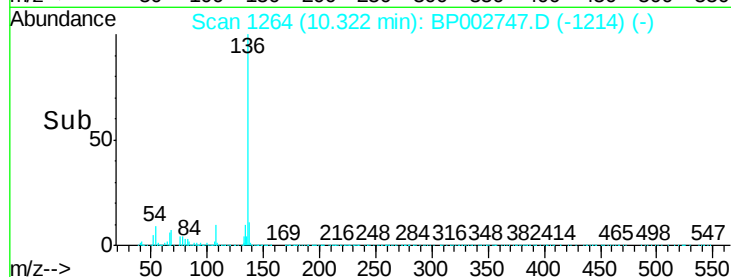


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 3.988 ng

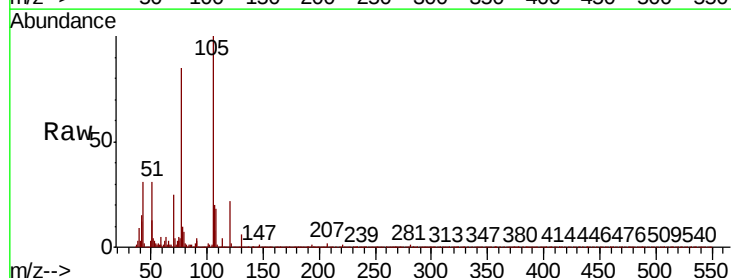
RT: 8.37 min Scan# 932

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Tgt Ion:105	Resp:	76999
Ion Ratio	Lower	Upper
105	100	
71	4.1	4.4 6.6#
51	30.7	21.8 32.8
120	22.3	18.2 27.2

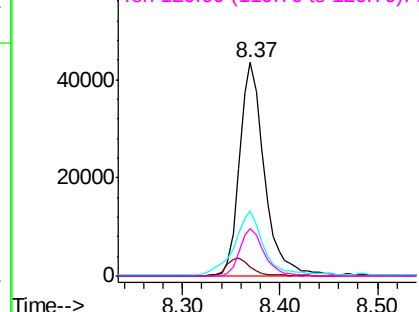
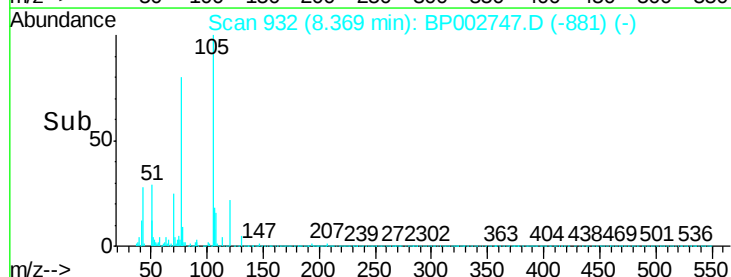


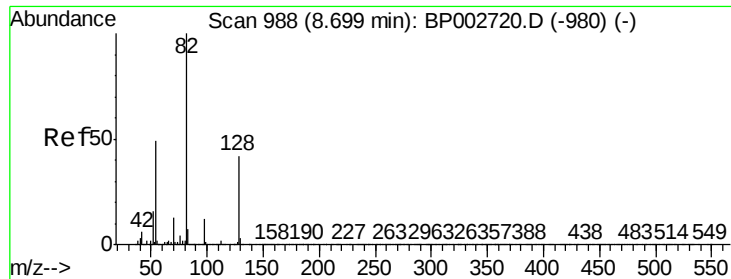
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

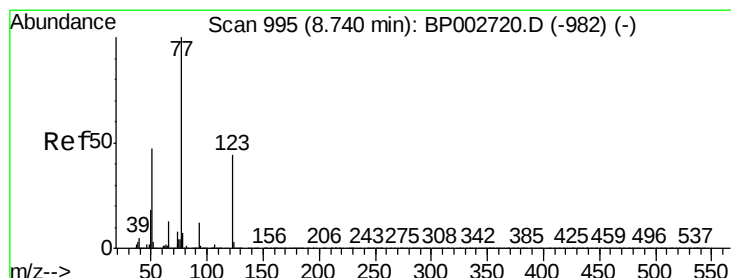
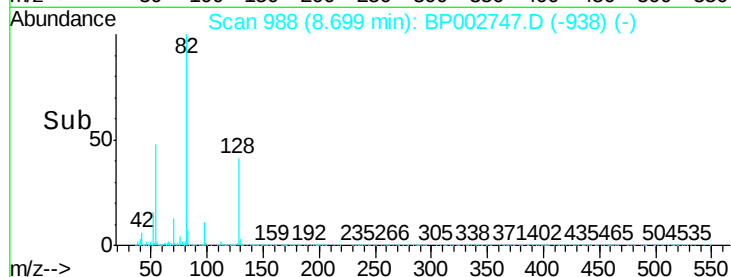
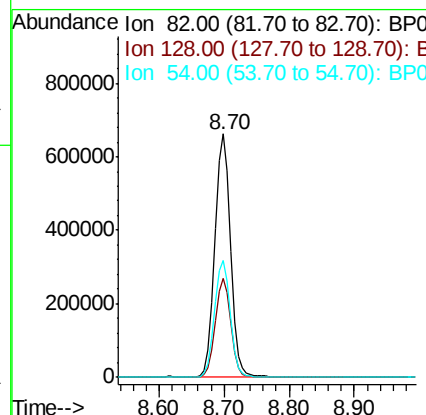
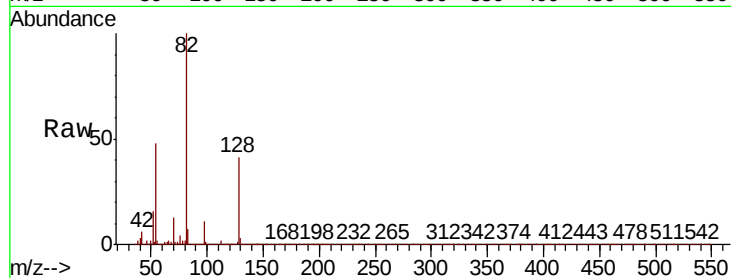




#23
Nitrobenzene-d5
Concen: 76.079 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

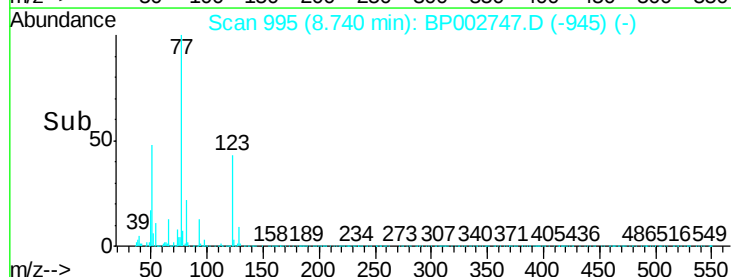
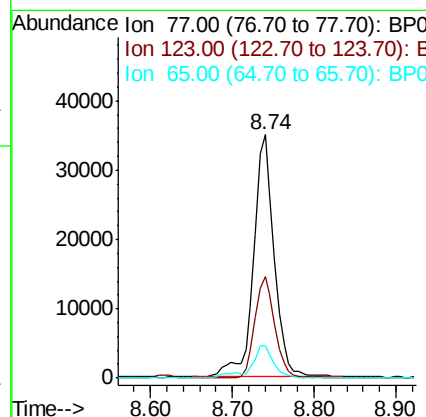
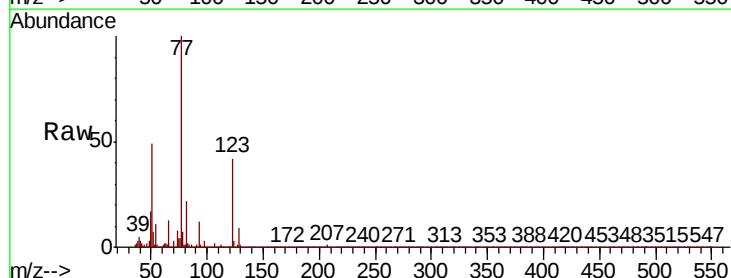
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

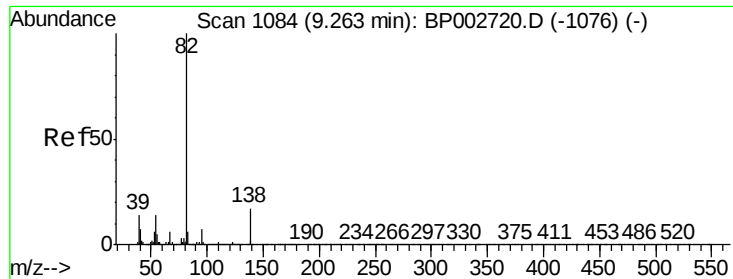
Tot Ion: 82 Resp: 1114017
Ion Ratio Lower Upper
82 100
128 40.7 33.8 50.8
54 48.0 38.8 58.2



#24
Nitrobenzene
Concen: 3.889 ng
RT: 8.74 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion: 77 Resp: 61668
Ion Ratio Lower Upper
77 100
123 41.8 35.0 52.6
65 13.2 10.4 15.6

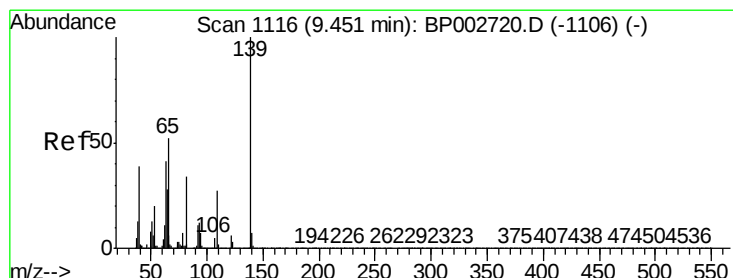
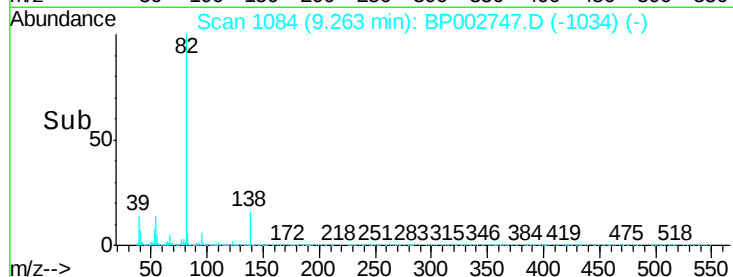
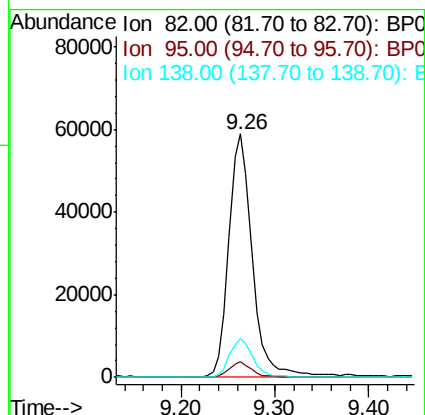
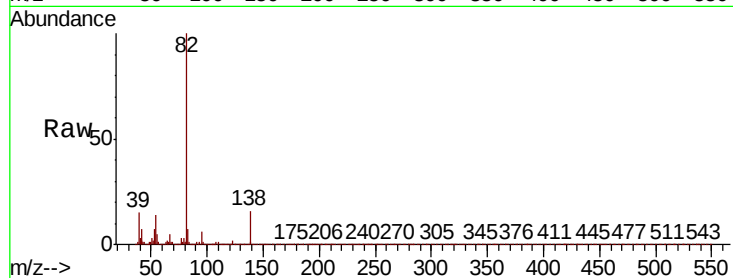




#25
Isophorone
Concen: 3.410 ng
RT: 9.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

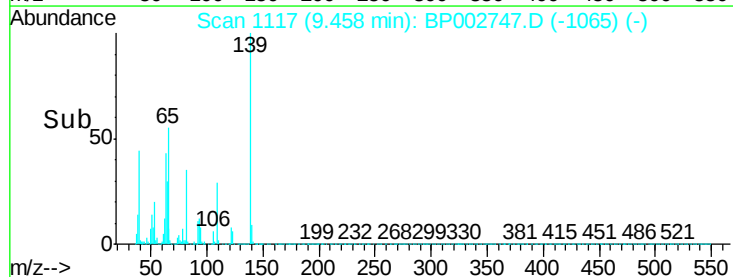
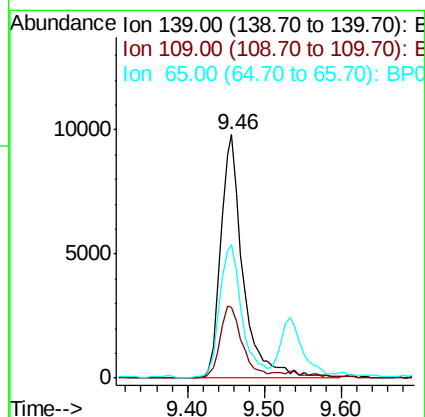
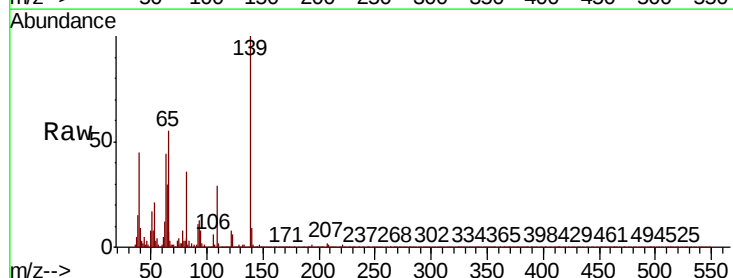
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

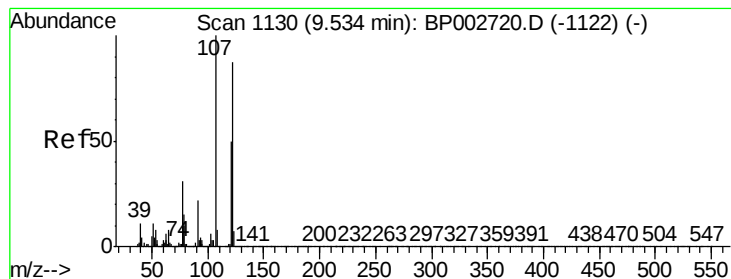
Tot Ion: 82 Resp: 101779
Ion Ratio Lower Upper
82 100
95 6.3 5.2 7.8
138 15.8 13.2 19.8



#26
2-Nitrophenol
Concen: 2.857 ng
RT: 9.46 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion: 139 Resp: 19568
Ion Ratio Lower Upper
139 100
109 29.3 21.9 32.9
65 54.9 41.3 61.9





#27

2,4-Dimethylphenol

Concen: 3.418 ng

RT: 9.53 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

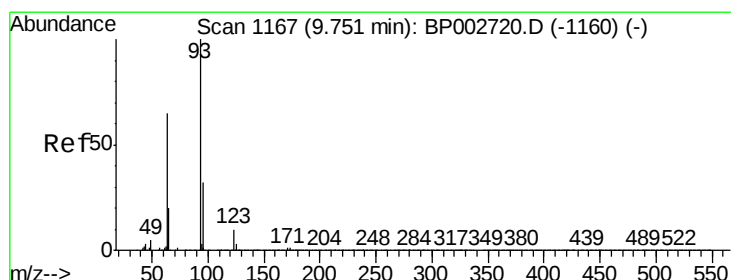
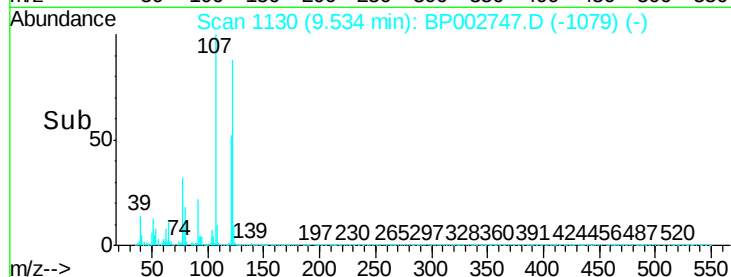
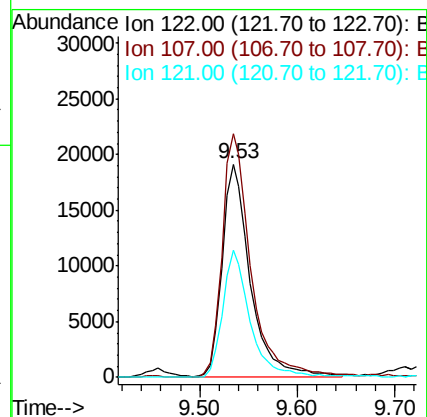
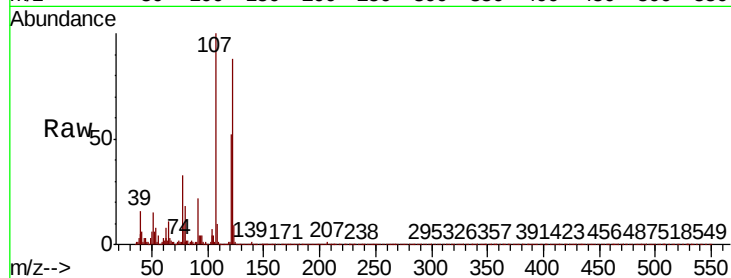
Tot Ion:122 Resp: 38013

Ion Ratio Lower Upper

122 100

107 114.1 92.2 138.4

121 59.4 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 3.765 ng

RT: 9.76 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

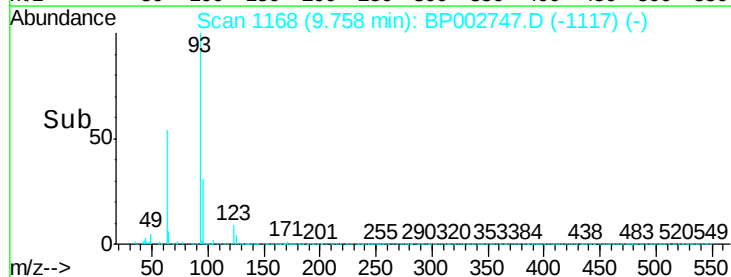
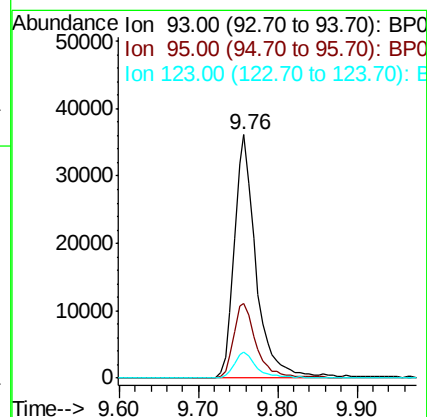
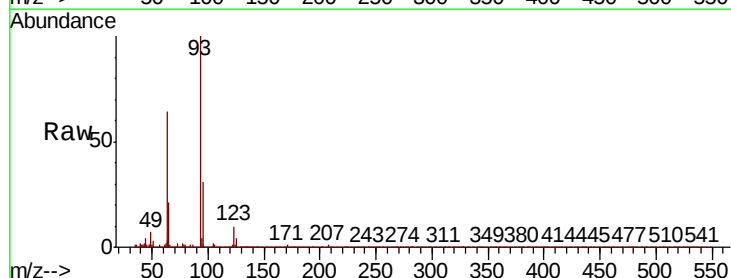
Tgt Ion: 93 Resp: 68250

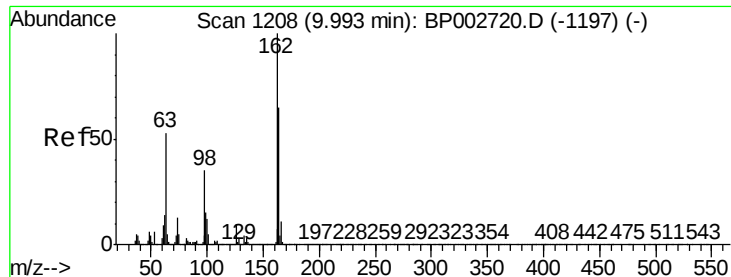
Ion Ratio Lower Upper

93 100

95 30.5 25.8 38.6

123 10.5 8.9 13.3

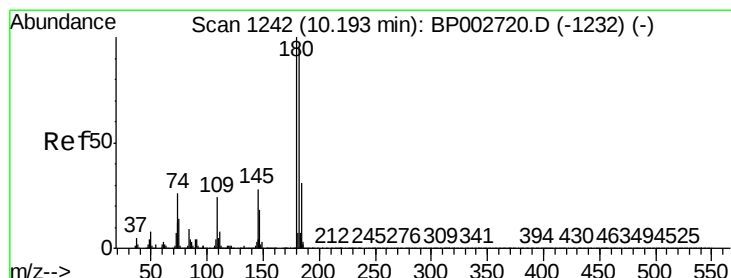
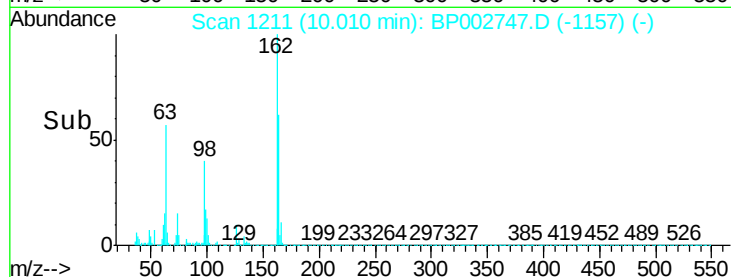
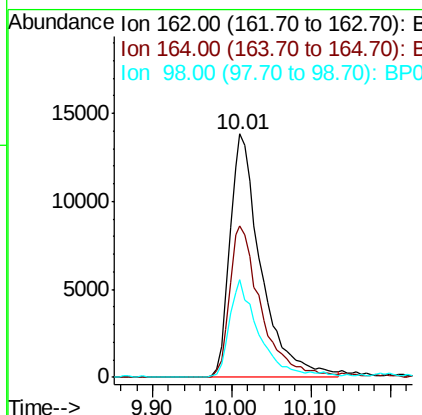
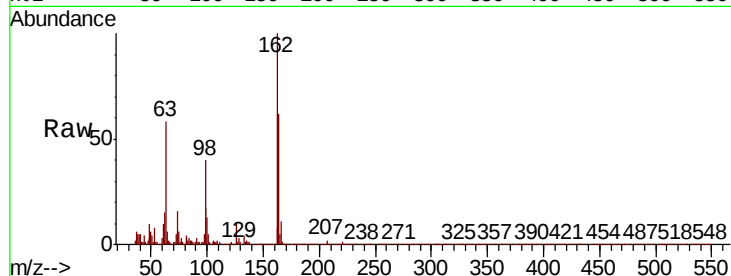




#29
2,4-Dichlorophenol
Concen: 3.067 ng
RT: 10.01 min Scan# 1211
Delta R.T. 0.02 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

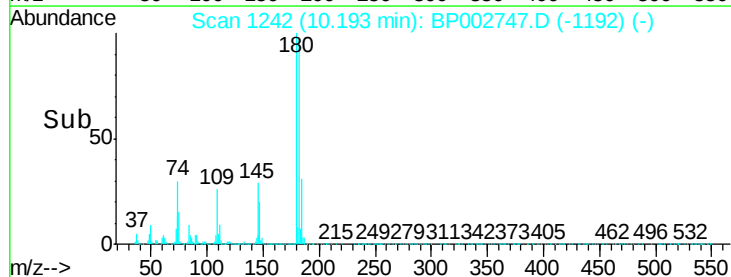
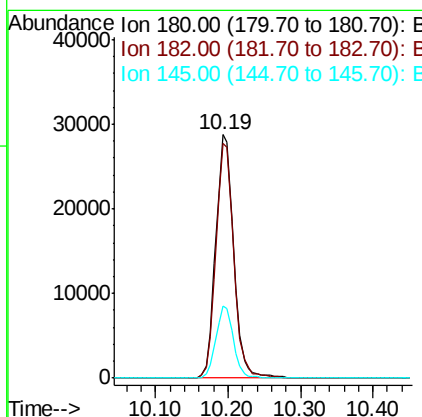
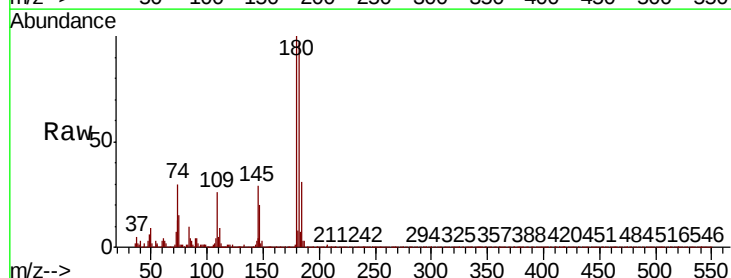
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

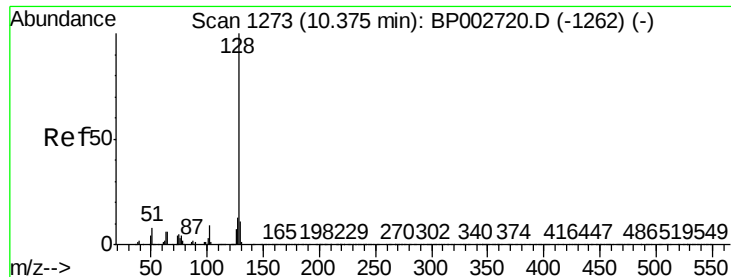
Tot Ion:162 Resp: 37606
Ion Ratio Lower Upper
162 100
164 62.2 44.5 84.5
98 40.1 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 3.540 ng
RT: 10.19 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:180 Resp: 49704
Ion Ratio Lower Upper
180 100
182 96.6 75.8 113.6
145 29.4 22.6 34.0

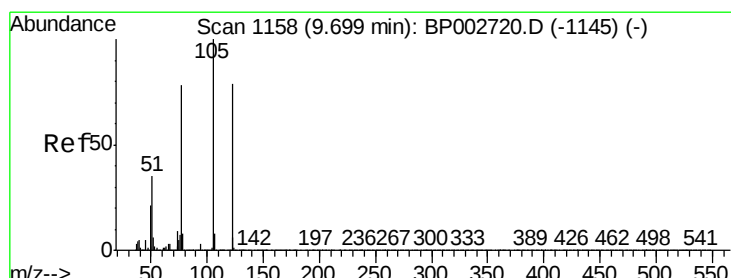
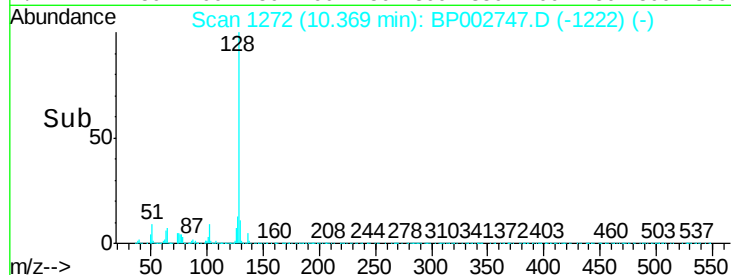
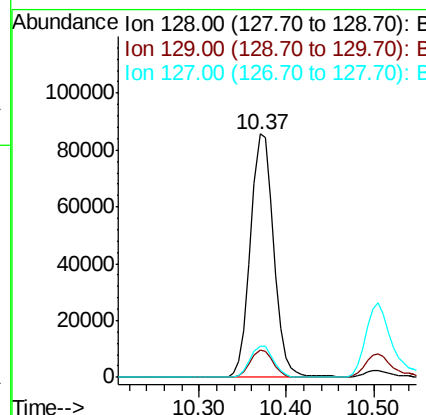
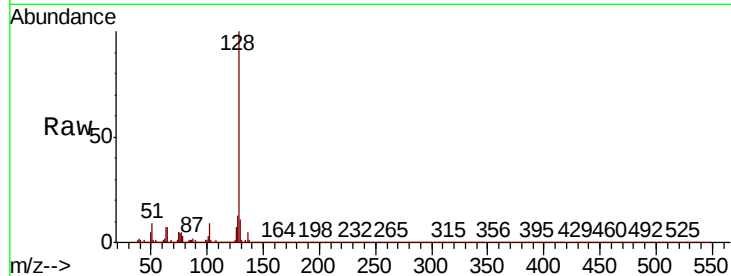




#31
Naphthalene
Concen: 3.705 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

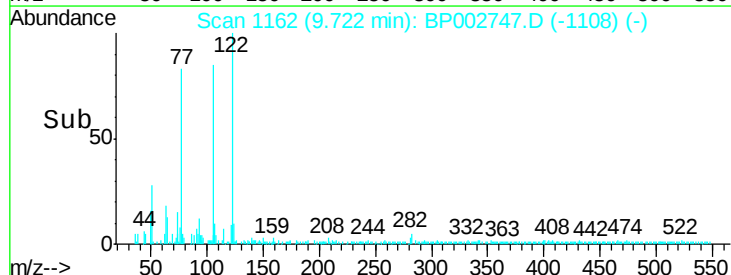
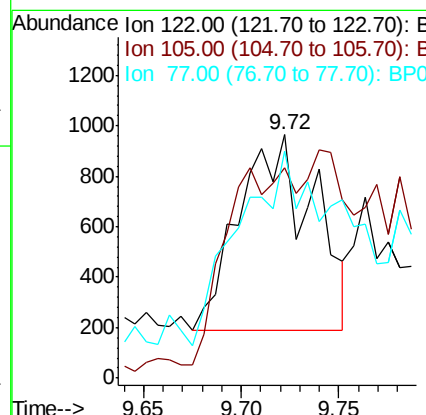
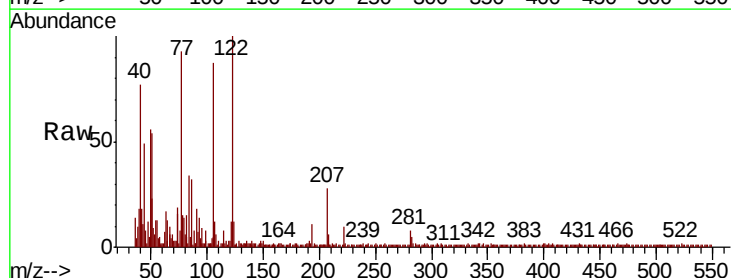
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

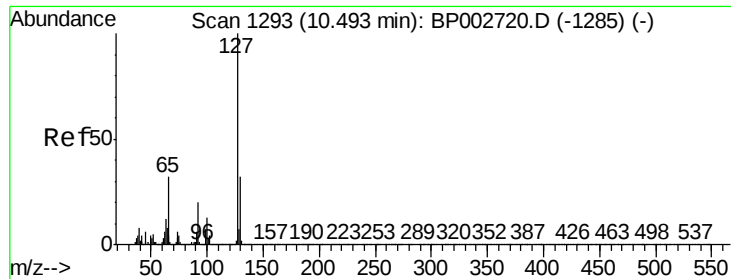
Tot Ion:128 Resp: 153200
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 0.273 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:122 Resp: 2071
Ion Ratio Lower Upper
122 100
105 86.6 105.4 145.4#
77 93.3 78.5 118.5

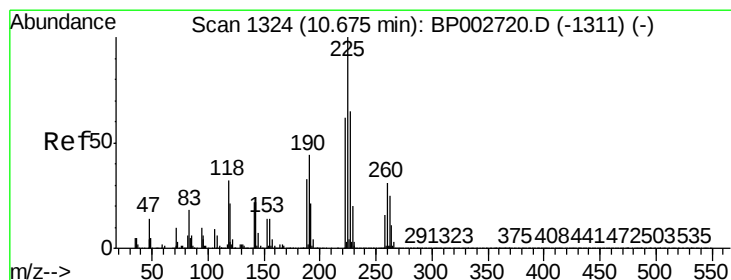
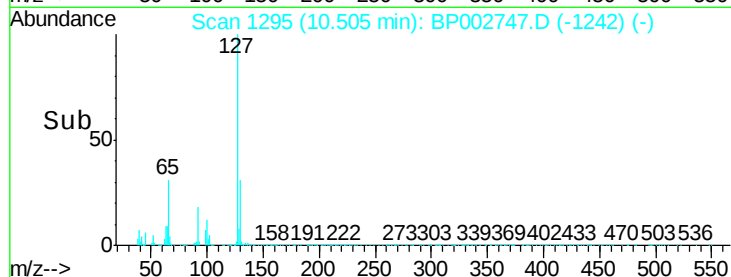
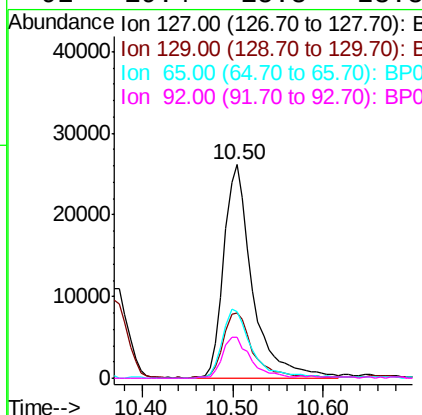
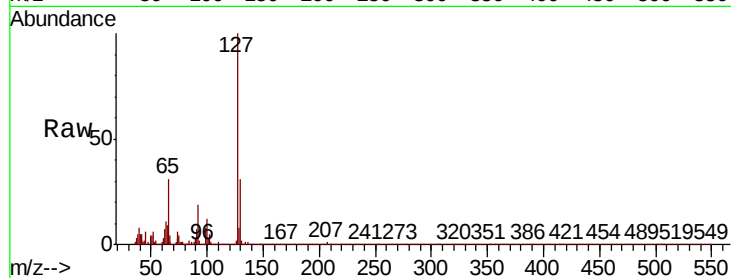




#33
4-Chloroaniline
Concen: 3.221 ng
RT: 10.50 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

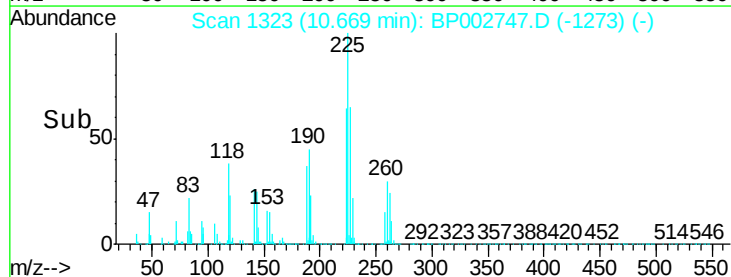
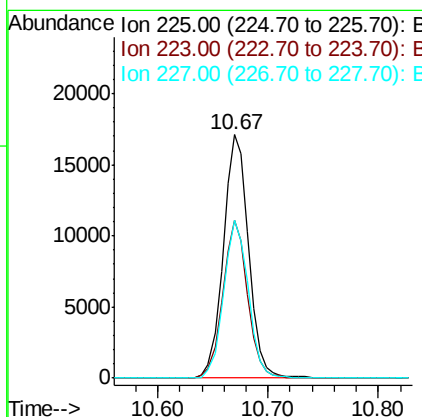
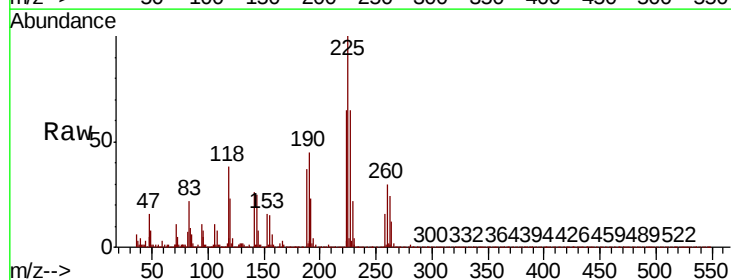
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

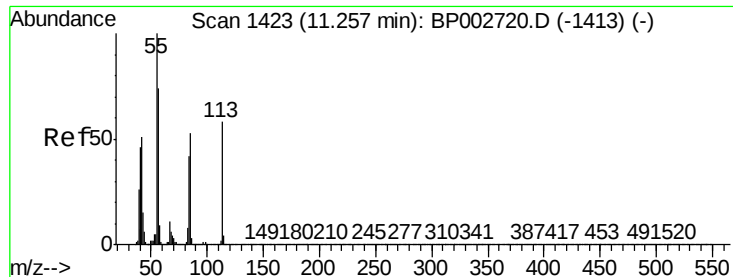
Tot Ion:127	Resp:	57068	
Ion Ratio	Lower	Upper	
127 100			
129 30.7	25.3	37.9	
65 31.1	25.4	38.2	
92 19.4	15.8	23.8	



#34
Hexachlorobutadiene
Concen: 3.372 ng
RT: 10.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:225	Resp: 27369
Ion Ratio	Lower Upper
225 100	
223 64.6	49.9 74.9
227 64.9	51.8 77.6

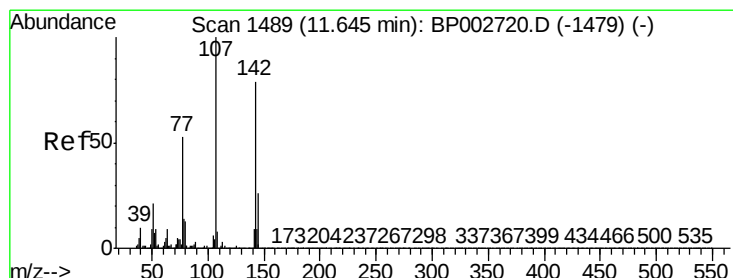
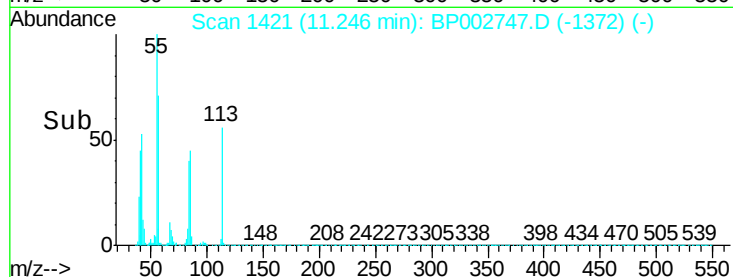
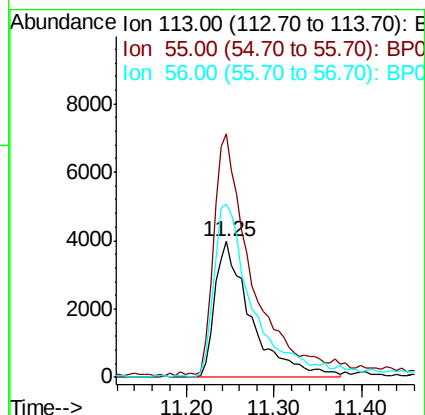
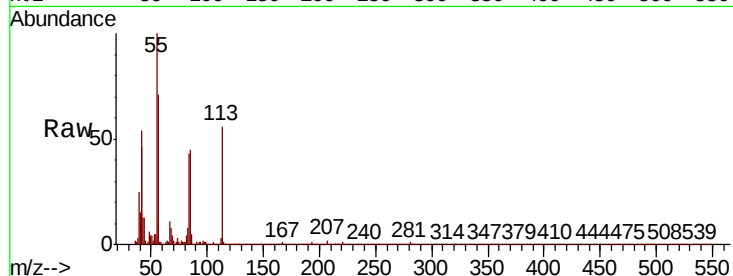




#35
 Caprolactam
 Concen: 2.630 ng
 RT: 11.25 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BP002747.D
 Acq: 14 Jul 2020 13:33

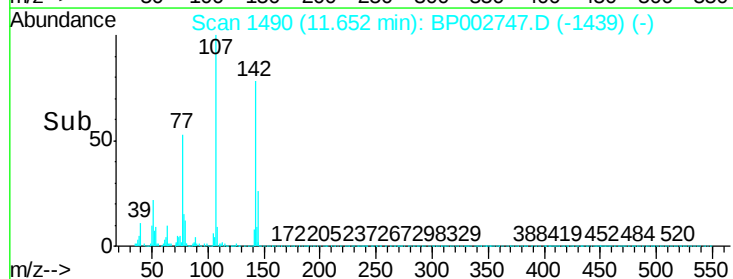
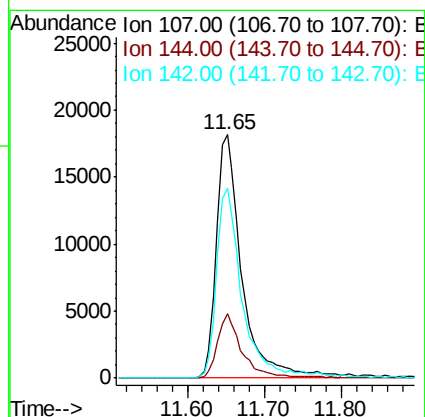
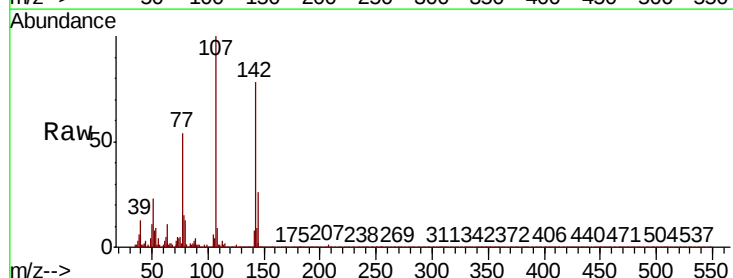
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2020

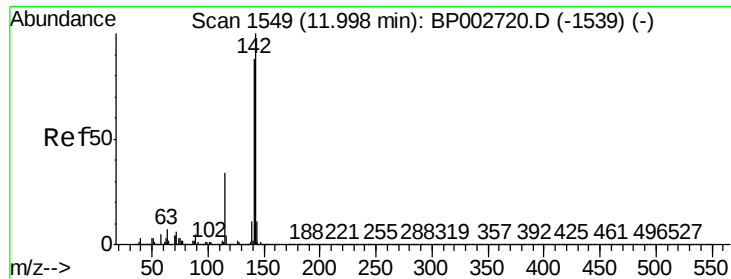
Tot Ion:113 Resp: 11272
 Ion Ratio Lower Upper
 113 100
 55 179.1 152.8 192.8
 56 127.4 107.5 147.5



#36
 4-Chloro-3-methylphenol
 Concen: 3.119 ng
 RT: 11.65 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BP002747.D
 Acq: 14 Jul 2020 13:33

Tgt Ion:107 Resp: 41223
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 30.8
 142 78.2 63.4 95.2

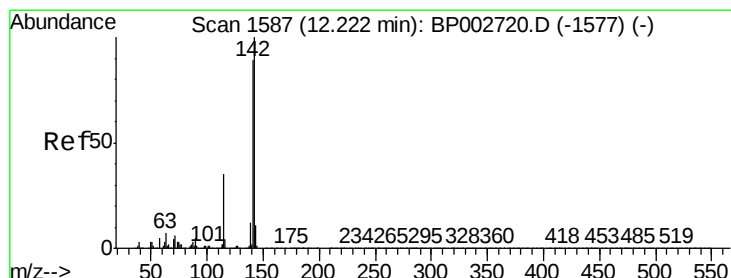
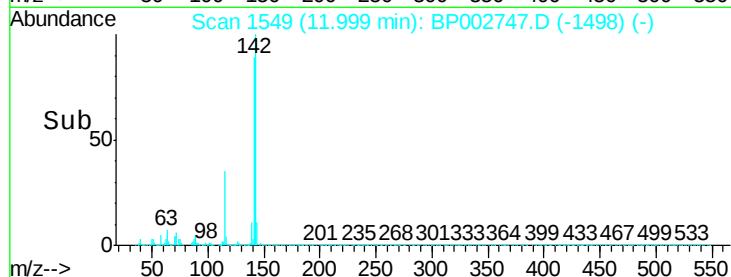
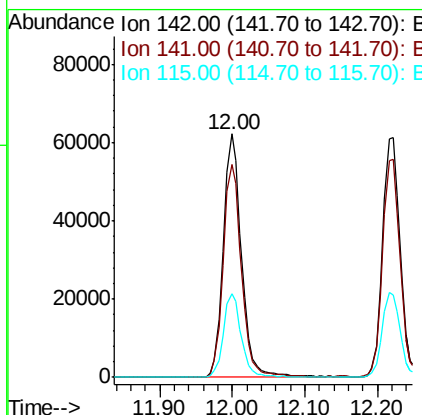
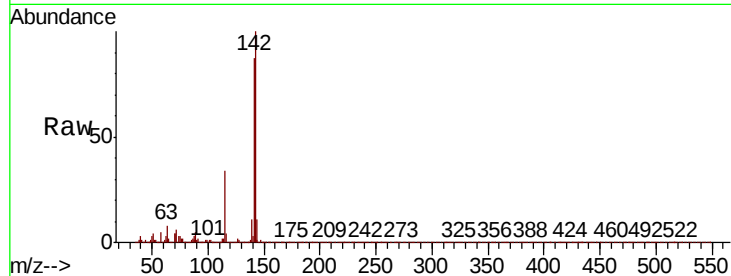




#37
2-Methylnaphthalene
Concen: 3.717 ng
RT: 12.00 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

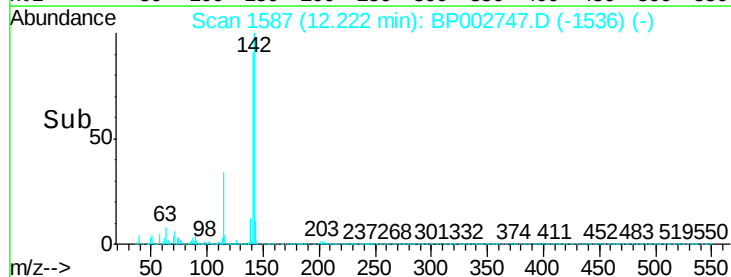
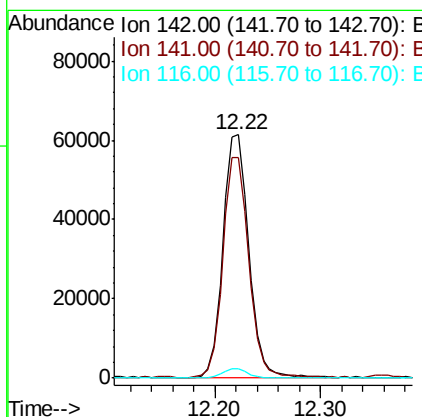
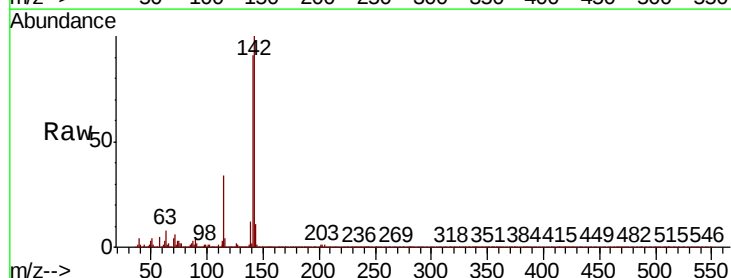
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

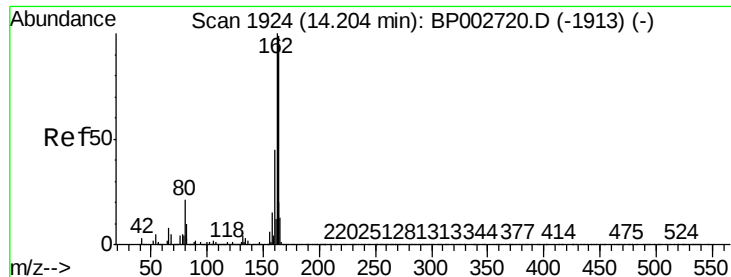
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6
115	34.3	27.0	40.6



#38
1-Methylnaphthalene
Concen: 3.755 ng
RT: 12.22 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.5	107.3
116	3.6	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

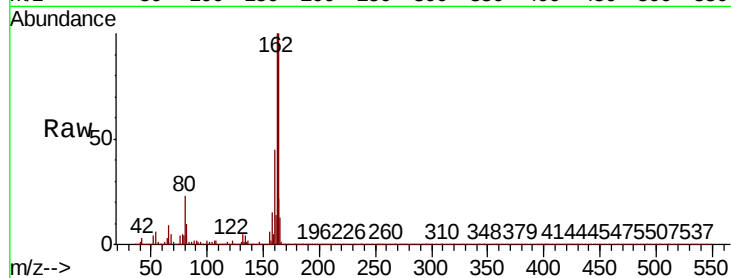
Tot Ion:164 Resp: 493490

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

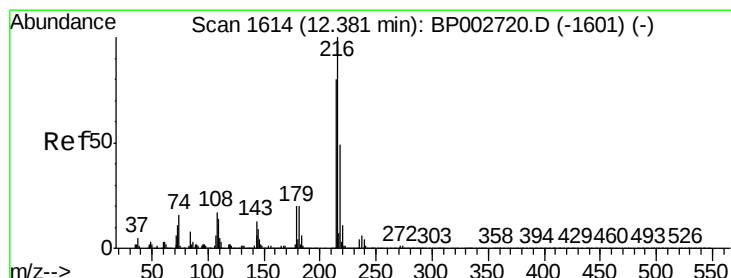
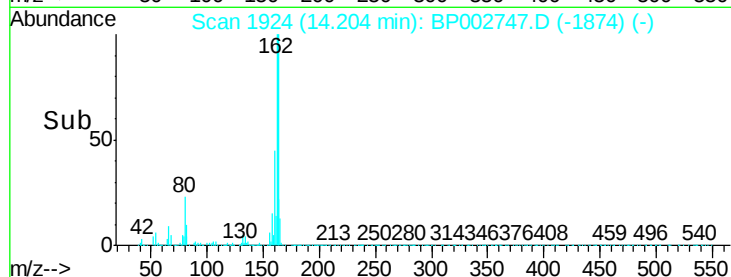
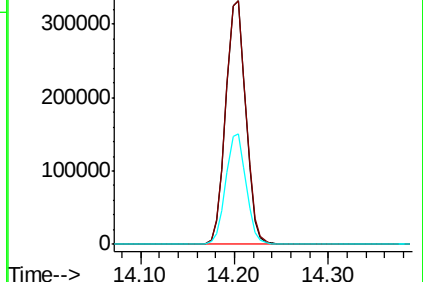
160 45.3 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.718 ng

RT: 12.38 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Tgt Ion:216 Resp: 56393

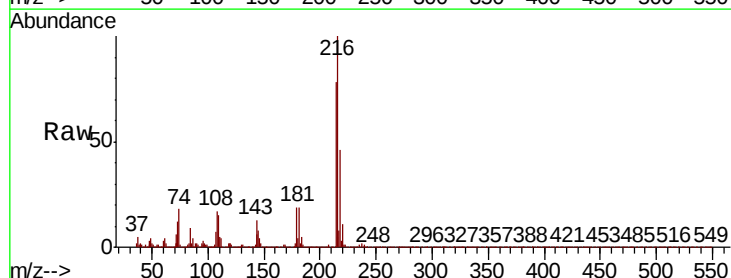
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.2

179 19.8 16.2 24.2

108 17.7 14.8 22.2

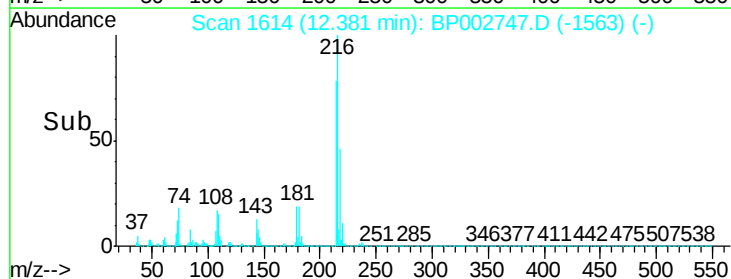
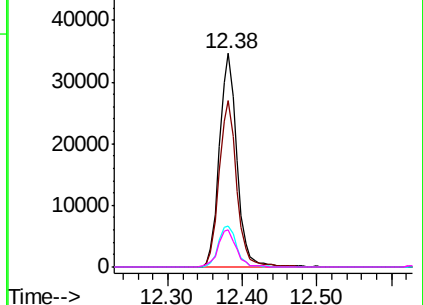


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

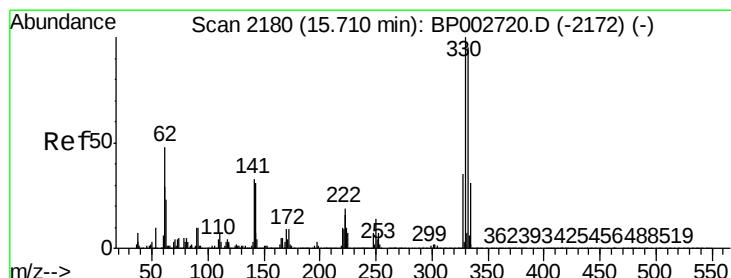
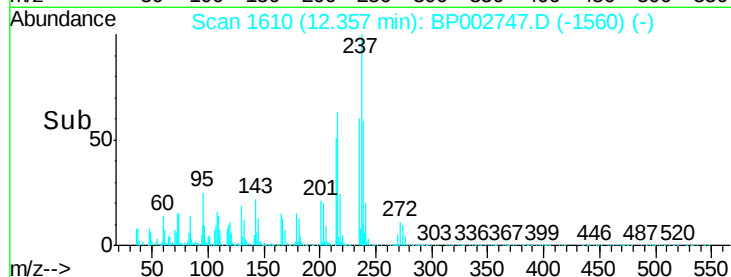
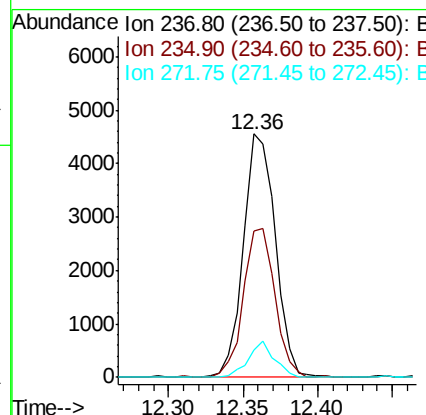
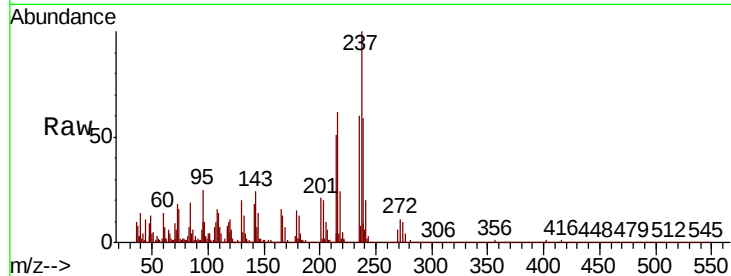




#41
Hexachlorocyclopentadiene
Concen: 1.239 ng
RT: 12.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

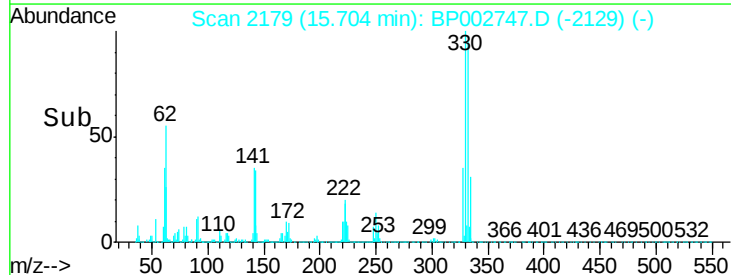
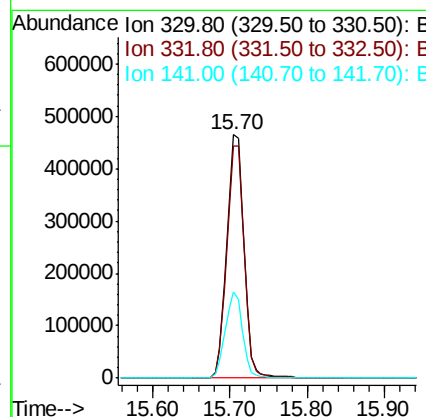
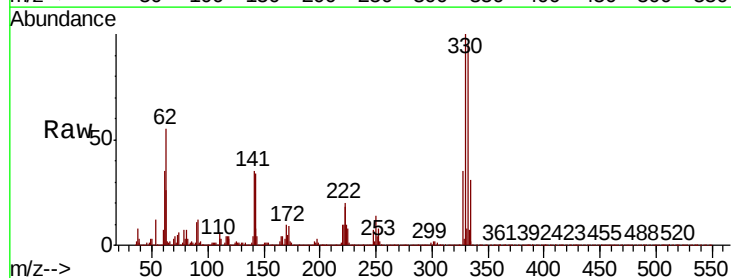
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

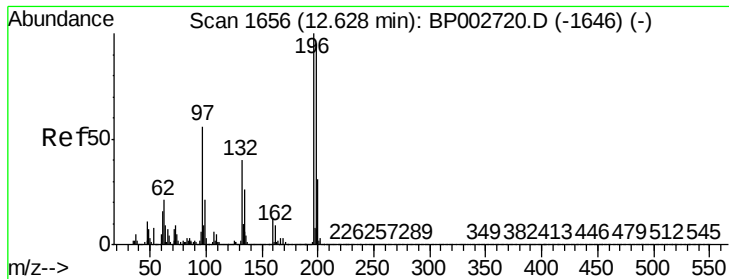
Tot Ion	Ratio	Lower	Upper
237	100		
235	59.8	42.3	82.3
272	11.5	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 141.623 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.5	114.7
141	35.4	28.8	43.2

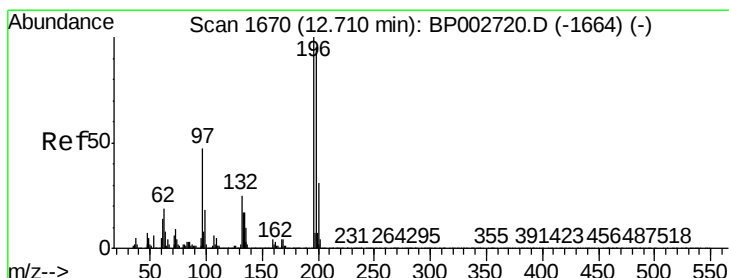
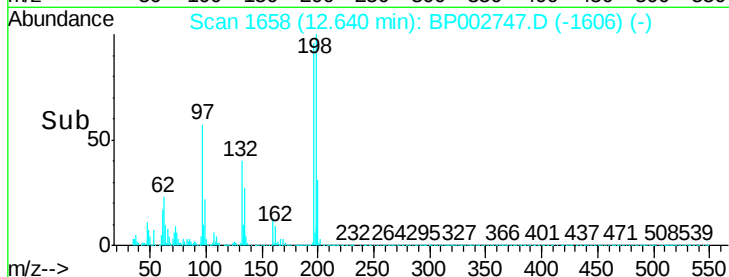
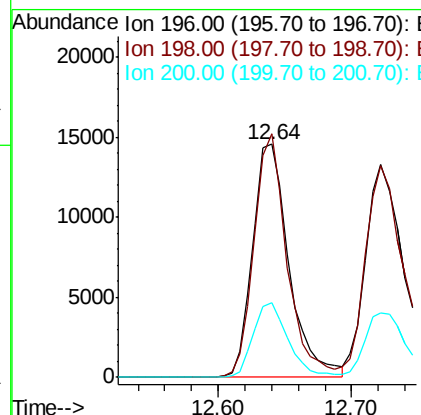
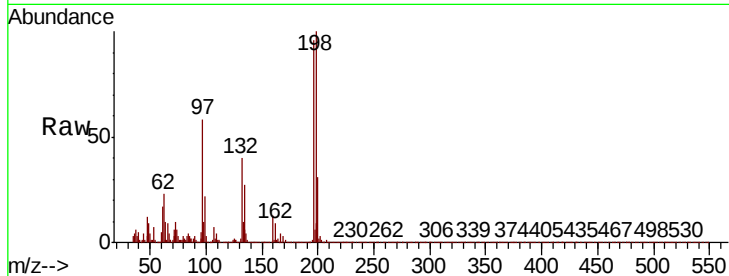




#43
 2,4,6-Trichlorophenol
 Concen: 2.816 ng
 RT: 12.64 min Scan# 1658
 Delta R.T. 0.01 min
 Lab File: BP002747.D
 Acq: 14 Jul 2020 13:33

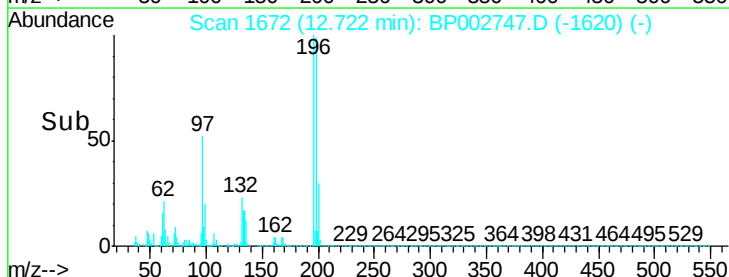
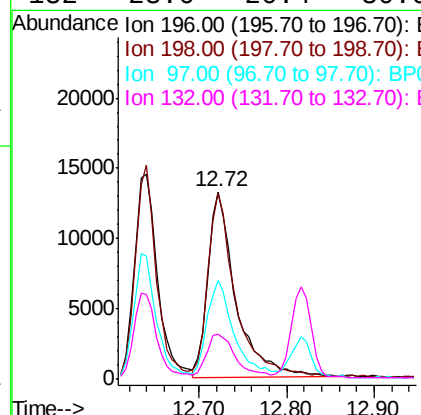
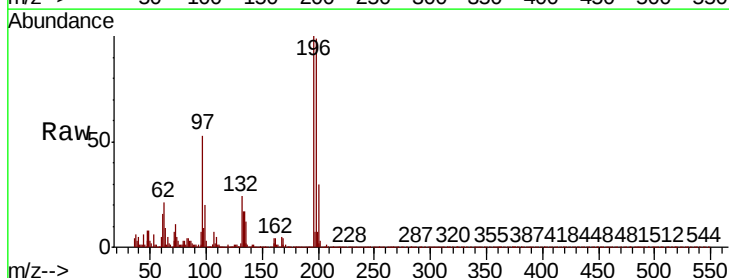
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2020

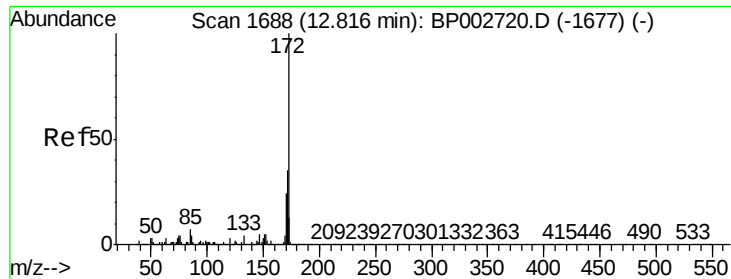
Tot Ion	Ratio	Lower	Upper
196	100		
198	104.4	75.8	113.6
200	31.9	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 2.608 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BP002747.D
 Acq: 14 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	75.8	113.6
97	52.8	38.0	57.0
132	23.6	20.4	30.6

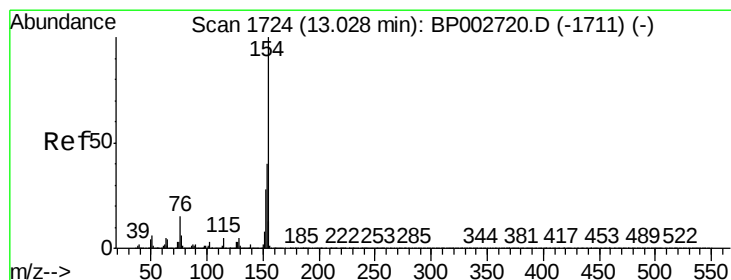
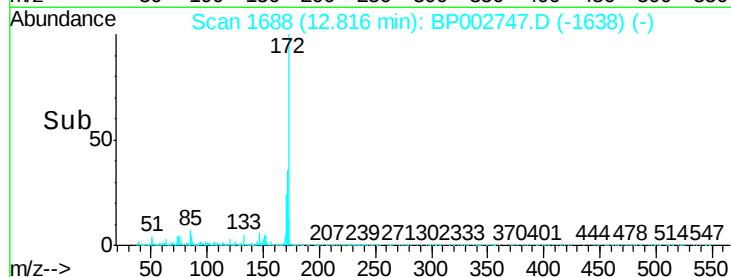
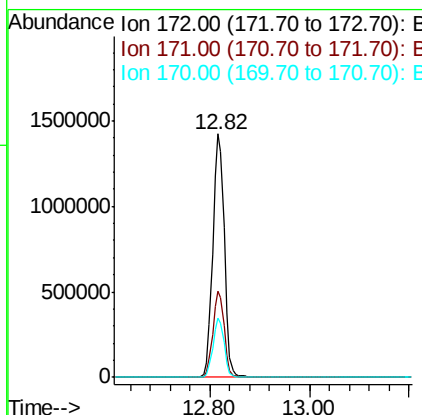
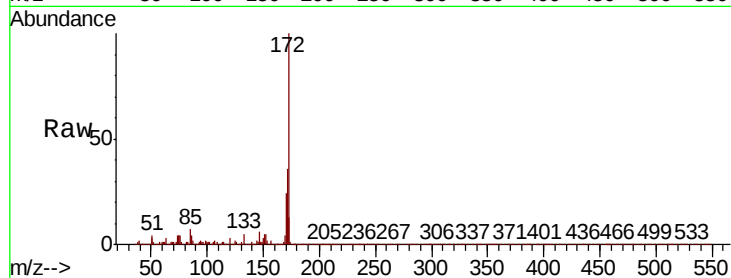




#45
2-Fluorobiphenyl
Concen: 72.616 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

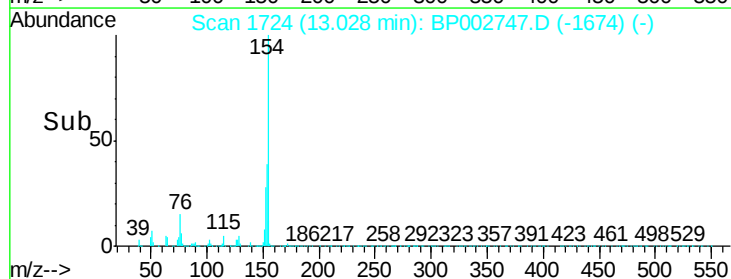
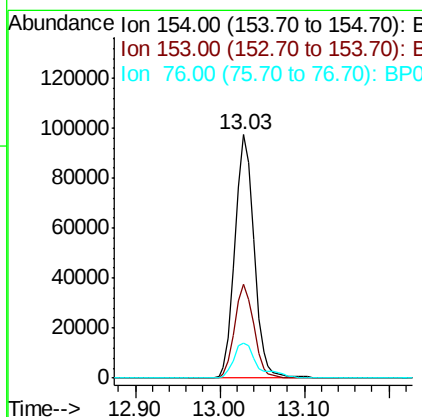
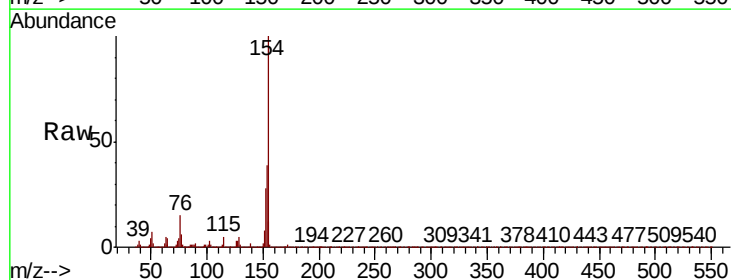
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

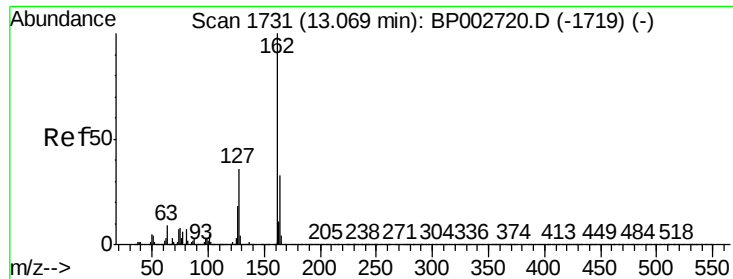
Tot Ion:172 Resp: 2316462
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.3 19.3 28.9



#46
1,1'-Biphenyl
Concen: 4.108 ng
RT: 13.03 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:154 Resp: 151133
Ion Ratio Lower Upper
154 100
153 38.8 19.8 59.8
76 14.5 0.0 34.7

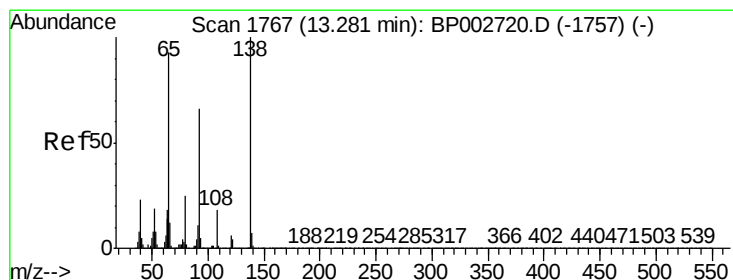
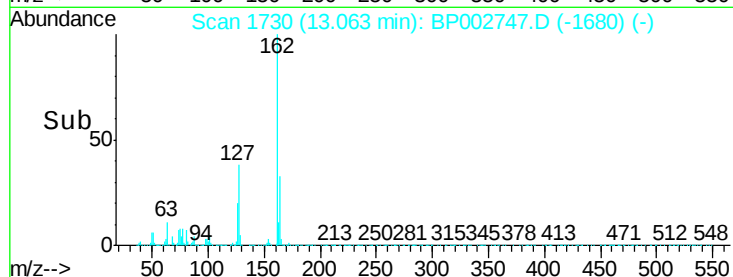
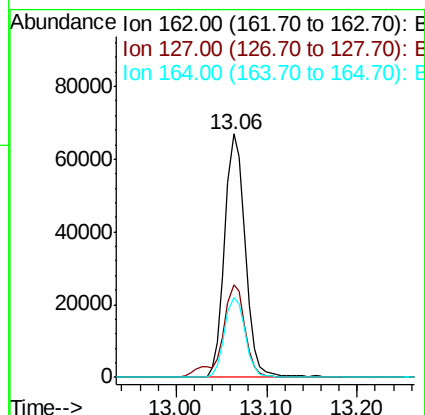
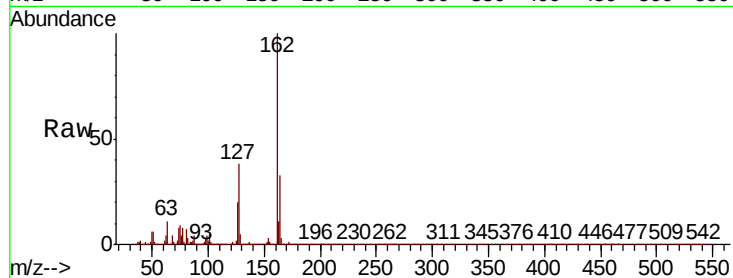




#47
2-Chloronaphthalene
Concen: 3.541 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

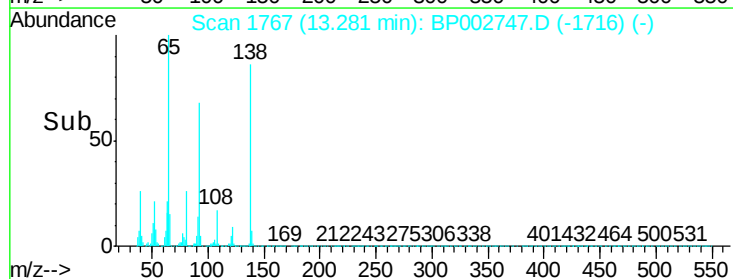
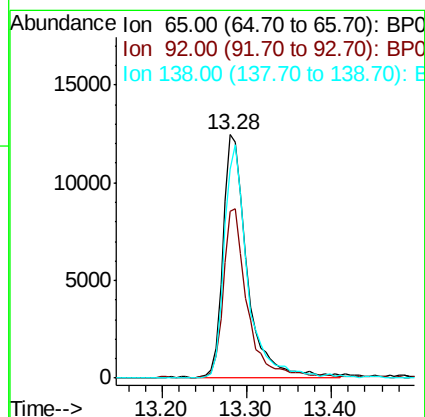
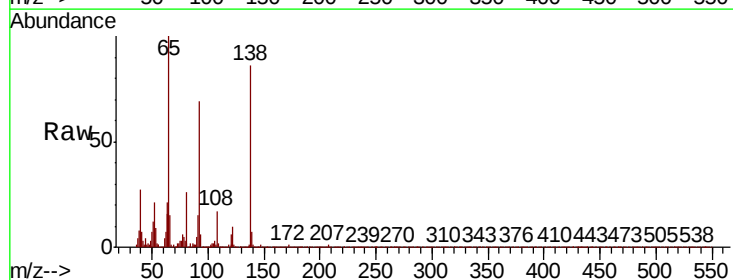
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

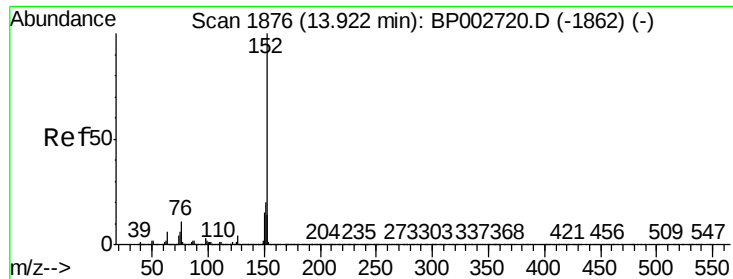
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	29.0	43.4
164	32.8	26.8	40.2



#48
2-Nitroaniline
Concen: 2.659 ng
RT: 13.28 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	57.0	85.6
138	86.1	86.0	129.0





#49

Acenaphthylene

Concen: 3.589 ng

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

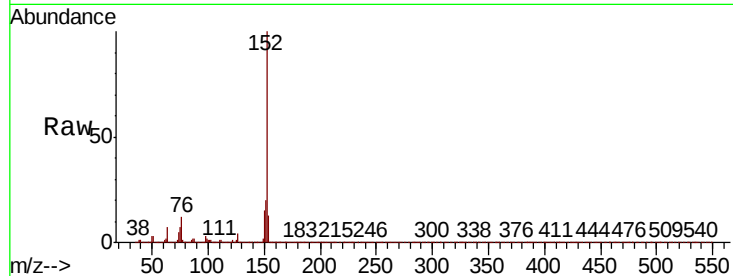
Tot Ion:152 Resp: 169051

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

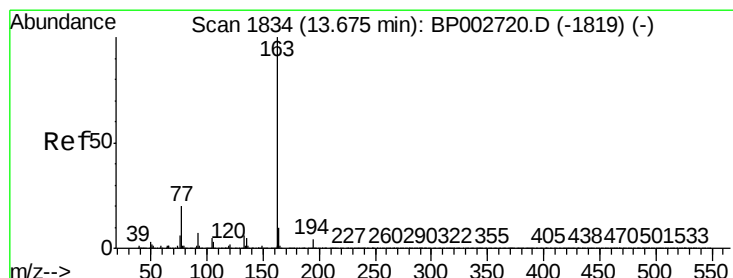
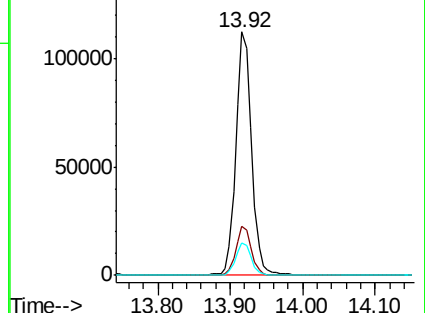
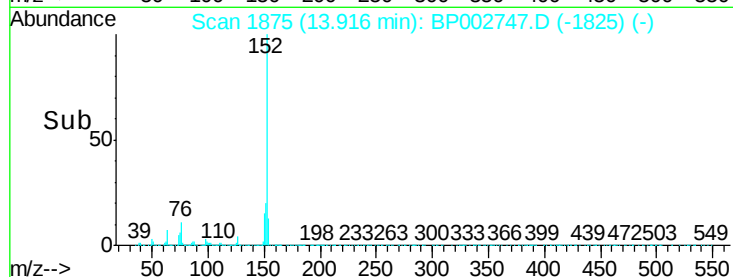
153 13.1 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.502 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

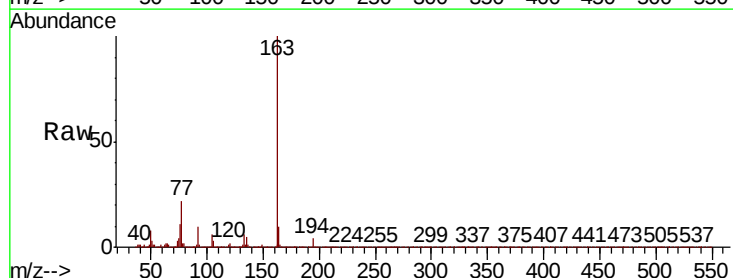
Tgt Ion:163 Resp: 131817

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

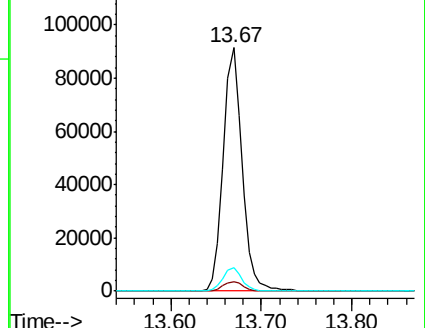
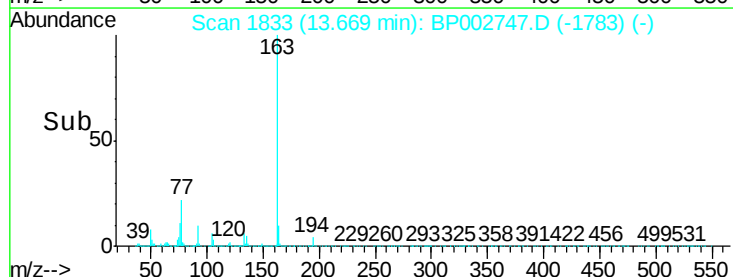
164 9.8 7.8 11.8

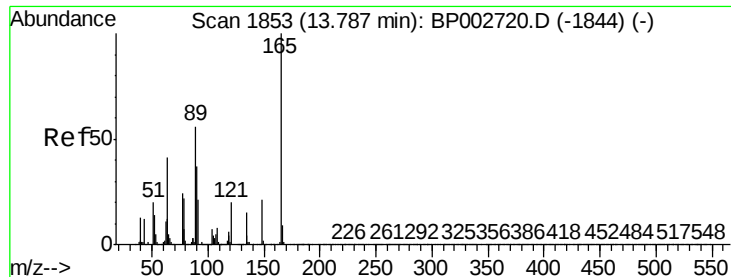


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 3.073 ng

RT: 13.78 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

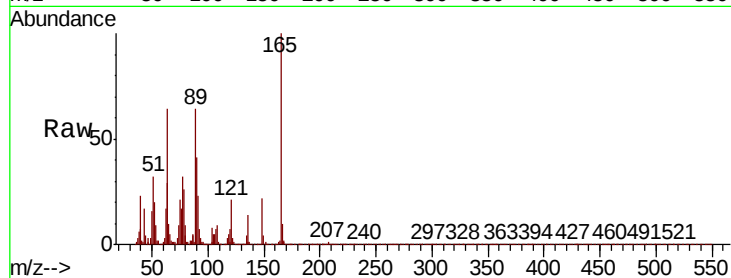
Tot Ion:165 Resp: 24756

Ion Ratio Lower Upper

165 100

63 63.6 43.2 64.8

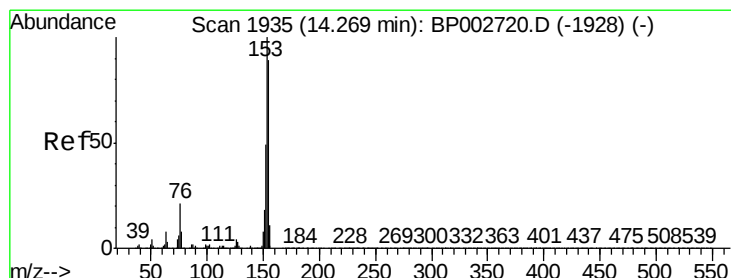
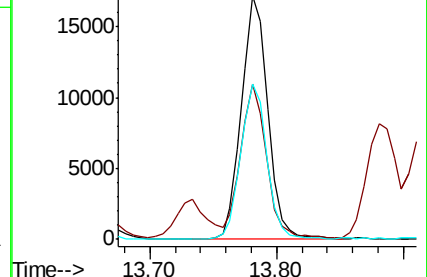
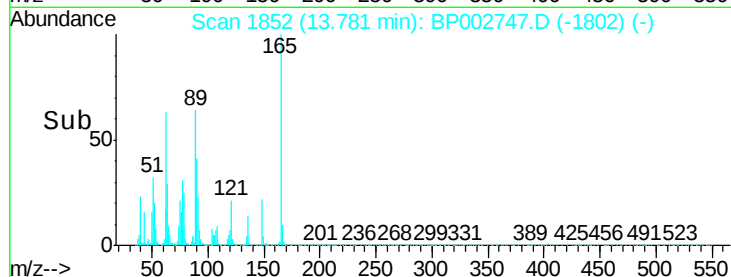
89 63.9 44.6 67.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 3.698 ng

RT: 14.26 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

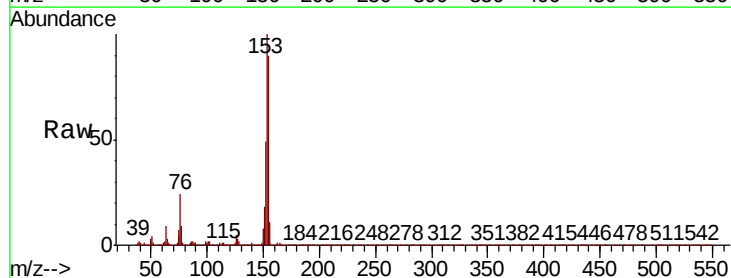
Tgt Ion:154 Resp: 104120

Ion Ratio Lower Upper

154 100

153 111.2 90.1 135.1

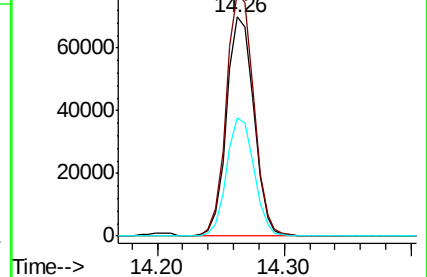
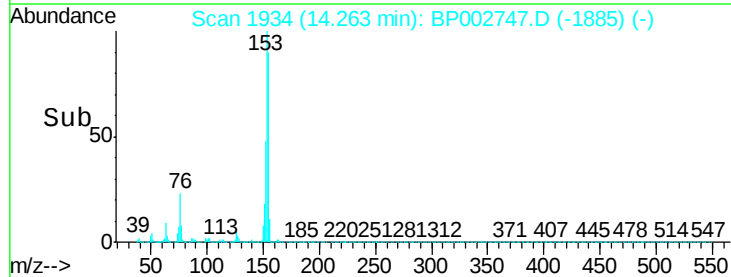
152 54.1 43.8 65.6

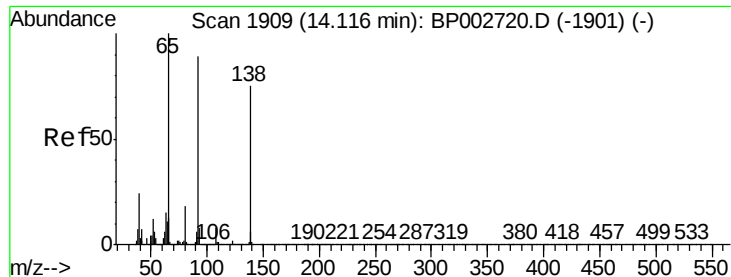


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

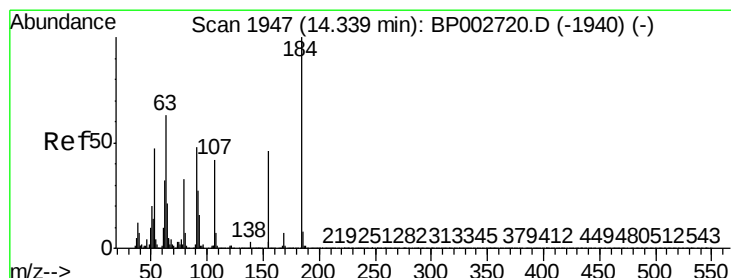
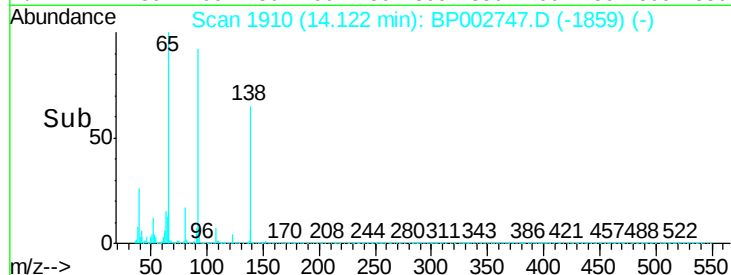
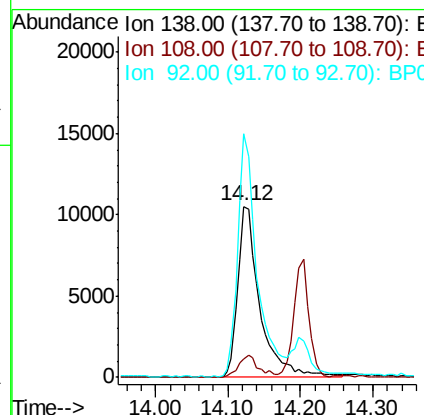
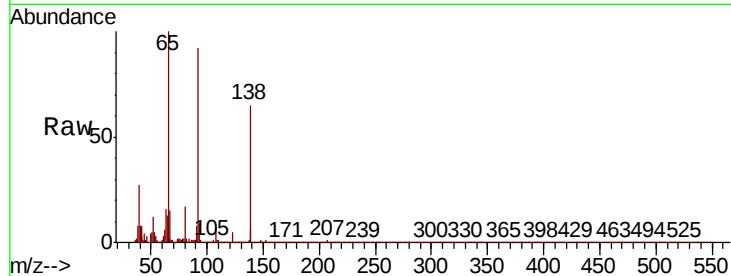




#53
3-Nitroaniline
Concen: 2.476 ng
RT: 14.12 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

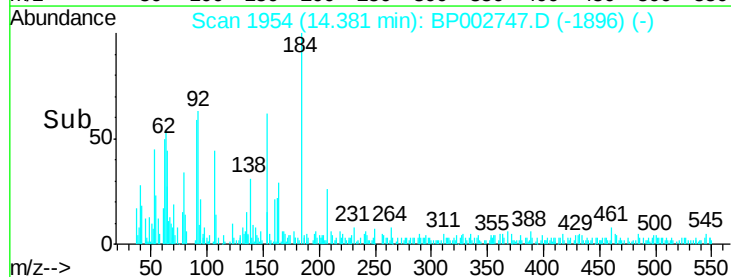
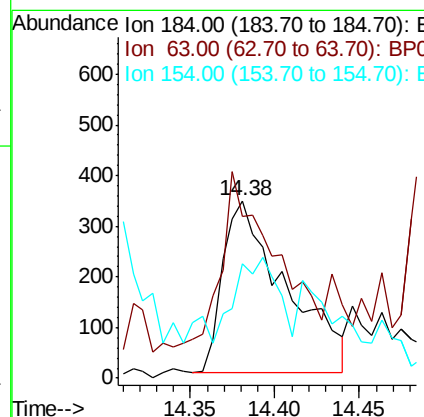
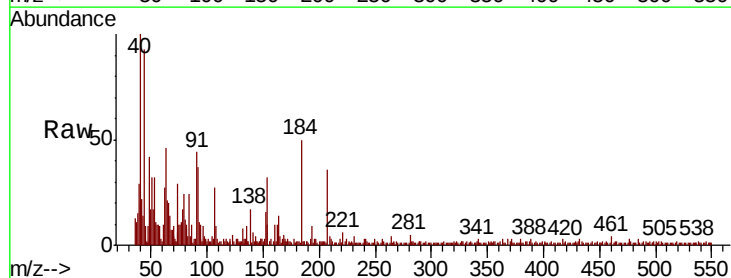
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

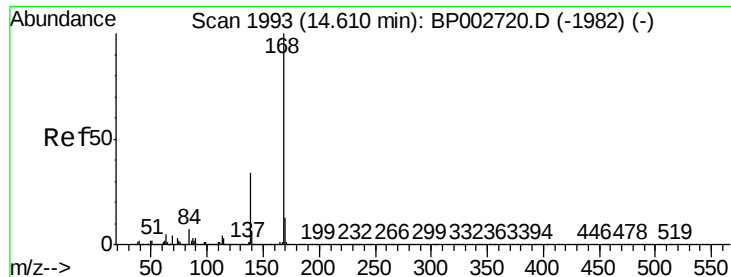
Tot Ion:138 Resp: 22316
Ion Ratio Lower Upper
138 100
108 11.0 8.2 12.2
92 142.4 94.3 141.5#



#54
2,4-Dinitrophenol
Concen: 0.276 ng
RT: 14.38 min Scan# 1954
Delta R.T. 0.04 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:184 Resp: 874
Ion Ratio Lower Upper
184 100
63 91.1 51.6 77.4#
154 64.3 45.0 67.6





#55

Dibenzofuran

Concen: 3.771 ng

RT: 14.60 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

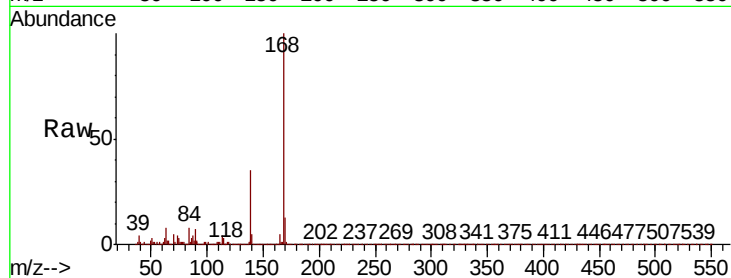
BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:168 Resp: 170279

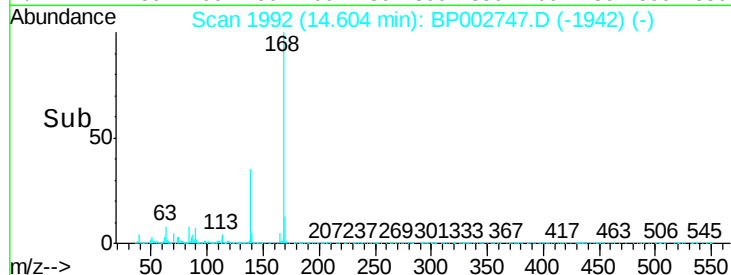
Ion	Ratio	Lower	Upper
168	100		
139	34.9	27.1	40.7
169	13.5	10.8	16.2



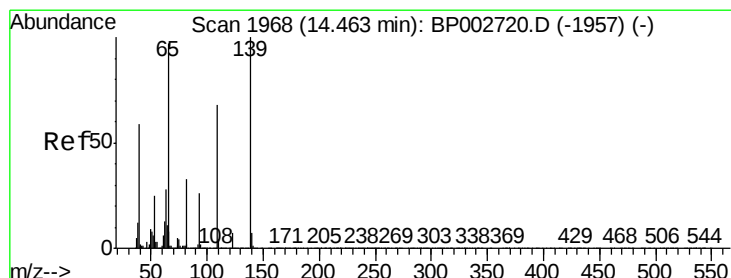
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 1.256 ng

RT: 14.50 min Scan# 1974

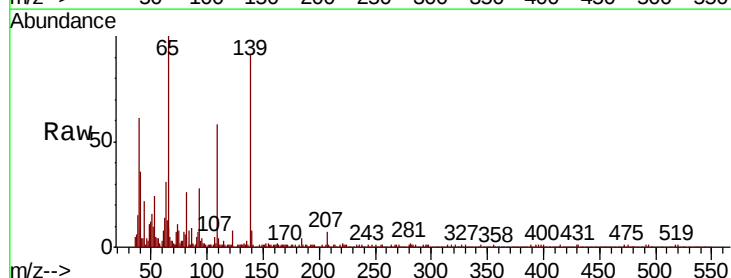
Delta R.T. 0.03 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Tgt Ion:139 Resp: 7902

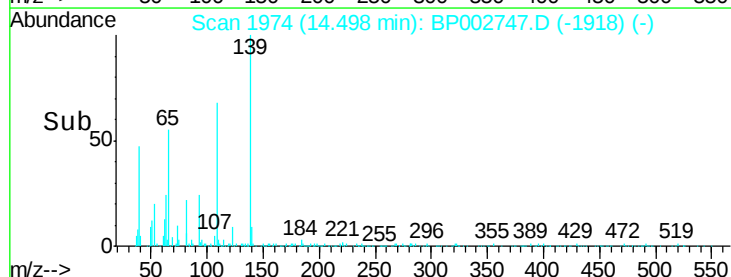
Ion	Ratio	Lower	Upper
139	100		
109	64.2	48.1	88.1
65	110.0	77.9	117.9



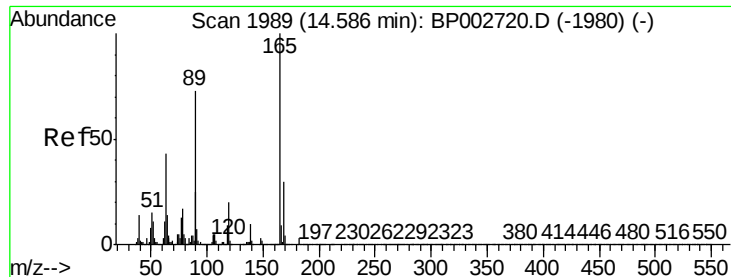
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0



Time-->



#57

2,4-Dinitrotoluene

Concen: 2.659 ng

RT: 14.59 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

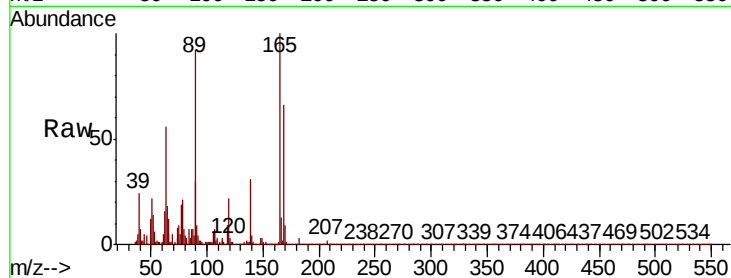
Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:165	Resp:	28219
Ion Ratio	Lower	Upper
165	100	
63	55.5	35.1 52.7#
89	91.6	58.4 87.6#
182	2.6	2.2 3.2

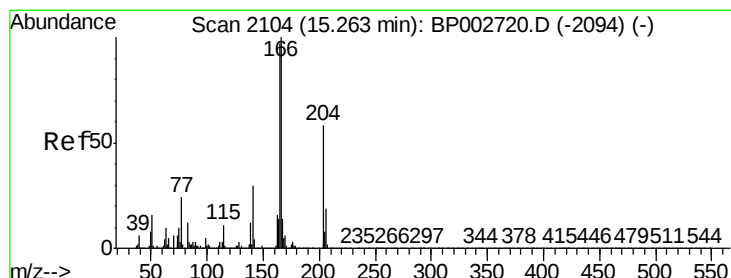
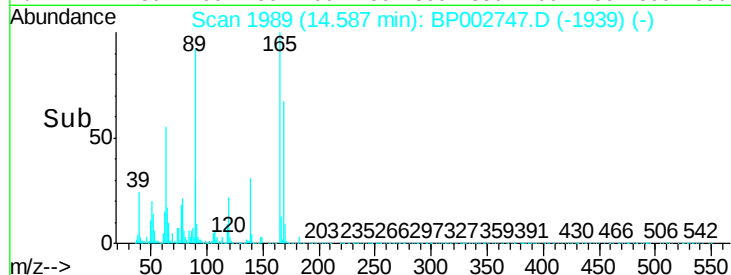
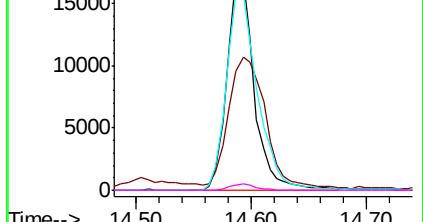


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 3.894 ng

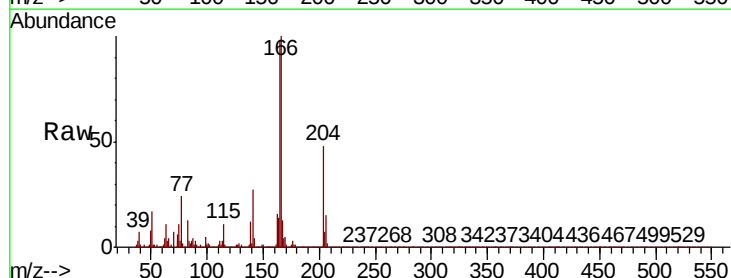
RT: 15.26 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

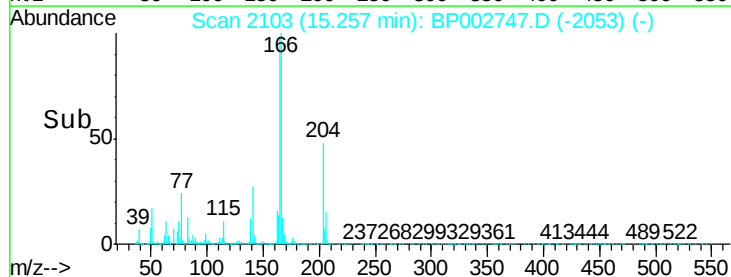
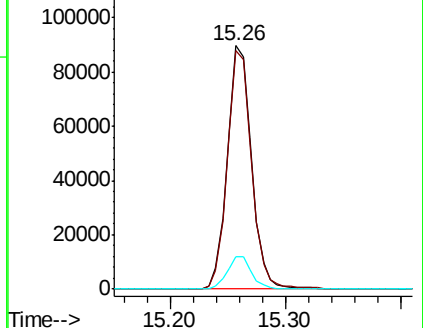
Tgt Ion:166	Resp:	130109
Ion Ratio	Lower	Upper
166	100	
165	98.2	77.7 116.5
167	13.3	11.0 16.6

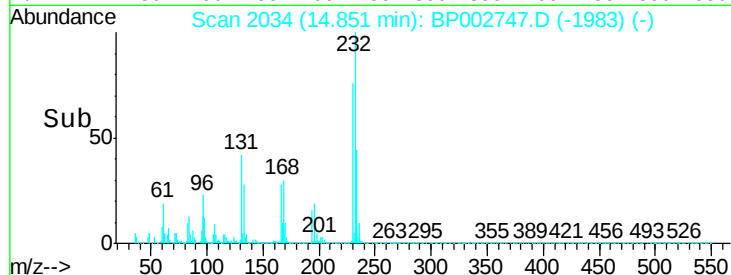
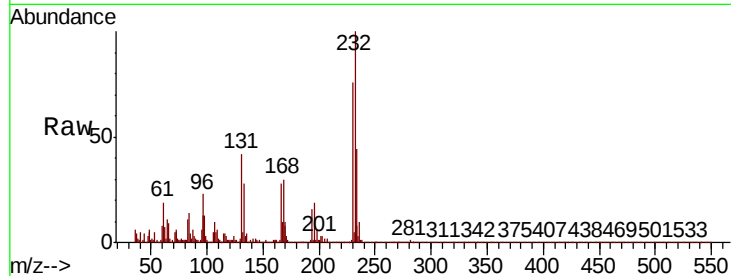
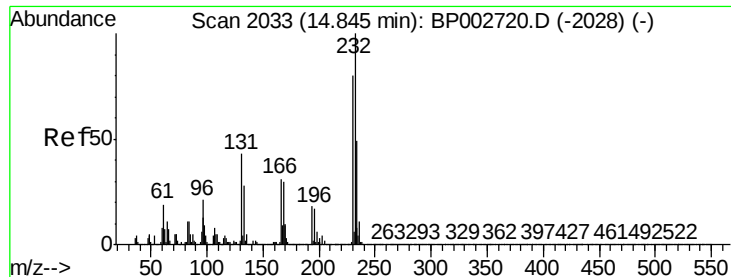


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

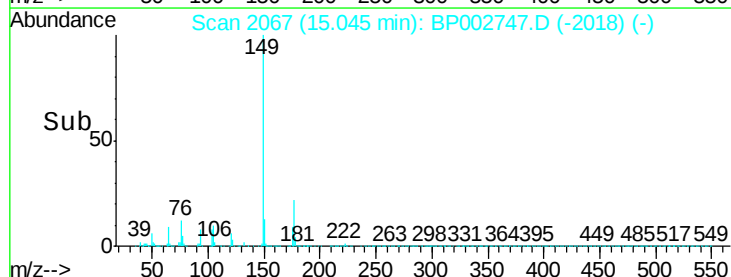
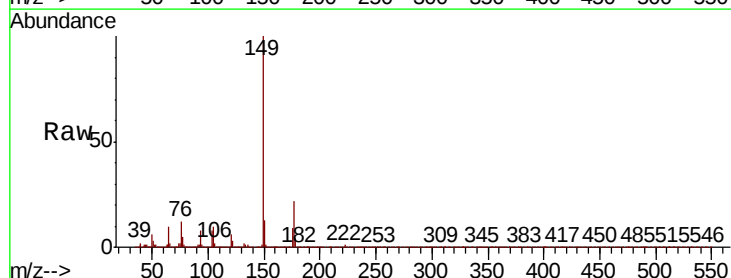
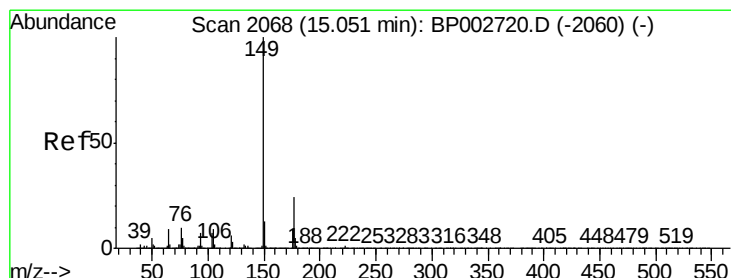
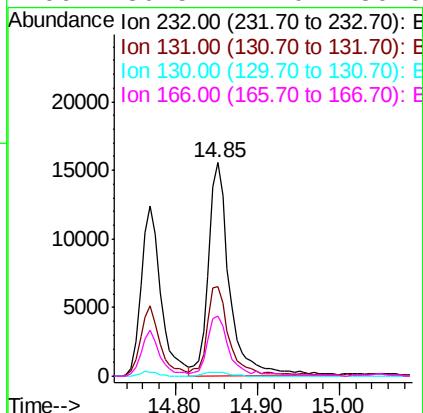




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.127 ng
RT: 14.85 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

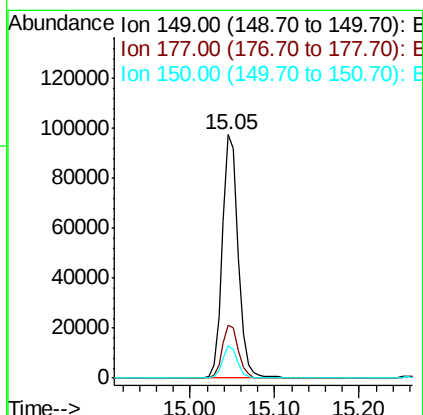
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

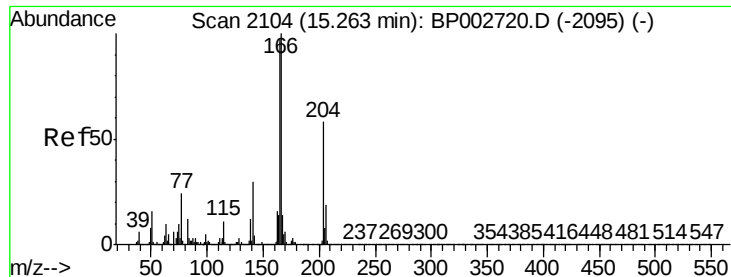
Tot Ion:232	Resp:	27752
Ion Ratio	Lower	Upper
232 100		
131 42.3	34.3	51.5
130 2.3	1.8	2.6
166 30.5	24.0	36.0



#60
Diethylphthalate
Concen: 3.501 ng
RT: 15.05 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:149	Resp: 127769
Ion Ratio	Lower Upper
149 100	
177 21.9	18.9 28.3
150 13.1	10.1 15.1

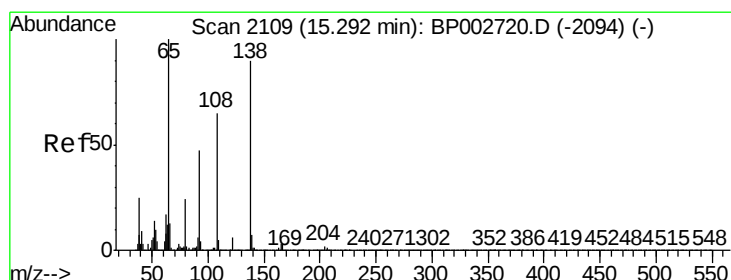
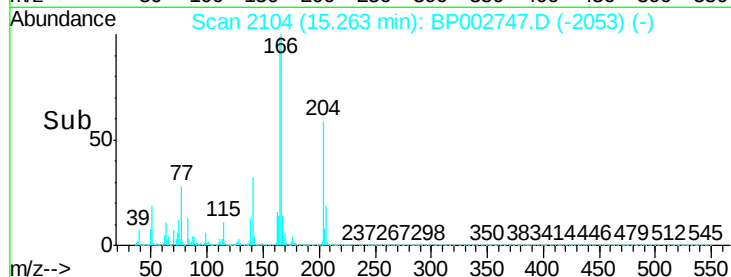
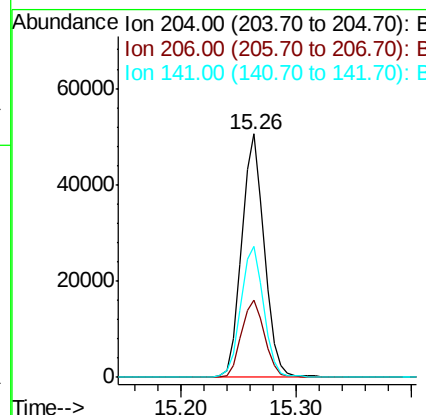
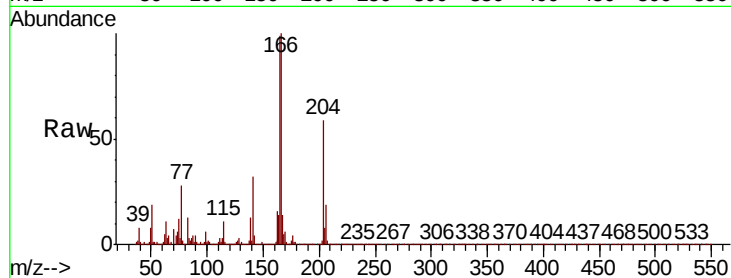




#61
4-Chlorophenyl-phenylether
Concen: 3.861 ng
RT: 15.26 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

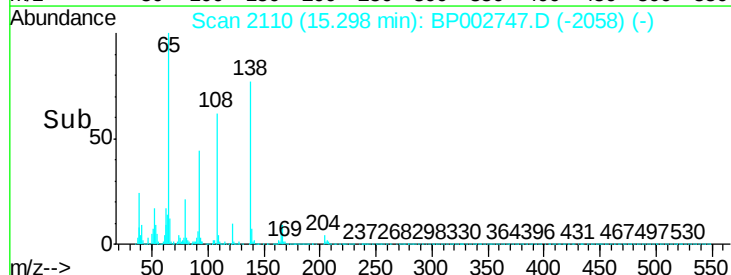
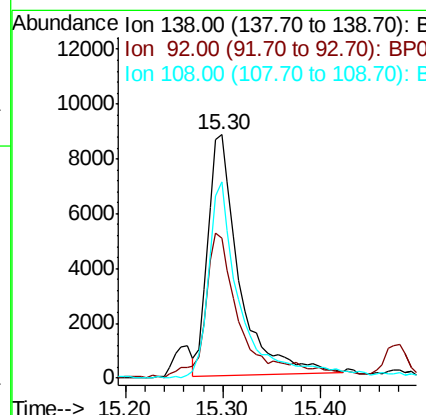
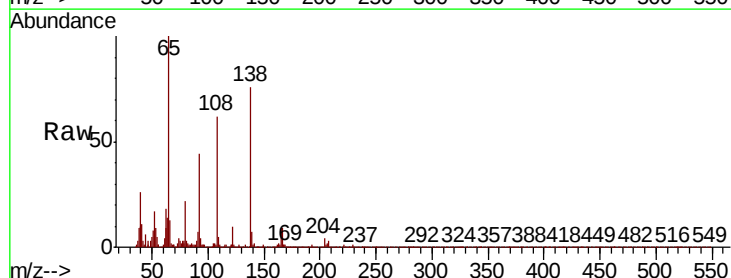
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

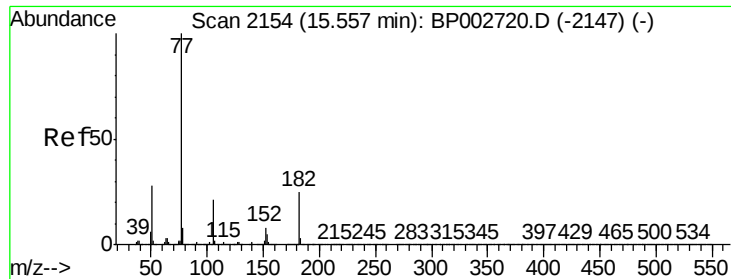
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.1	39.1
141	53.7	41.8	62.8



#62
4-Nitroaniline
Concen: 2.168 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	32.0	72.0
108	80.7	52.2	92.2

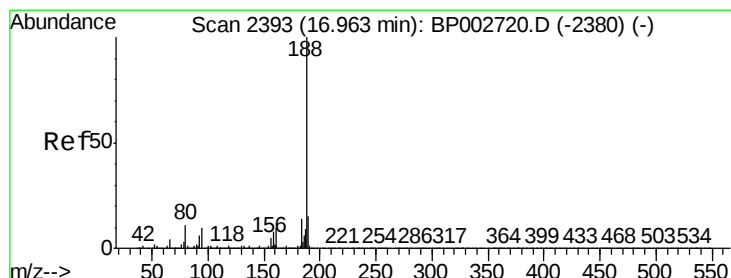
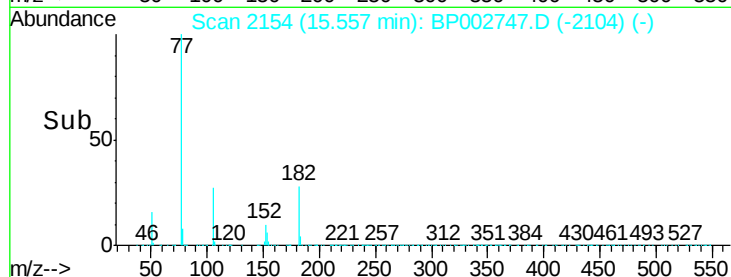
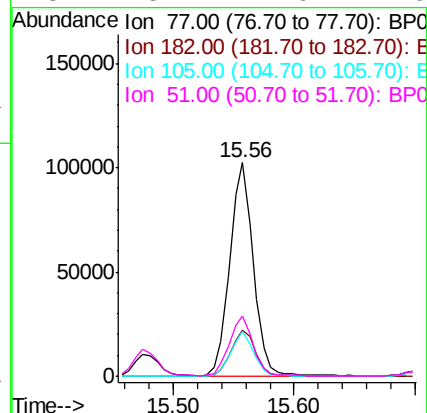
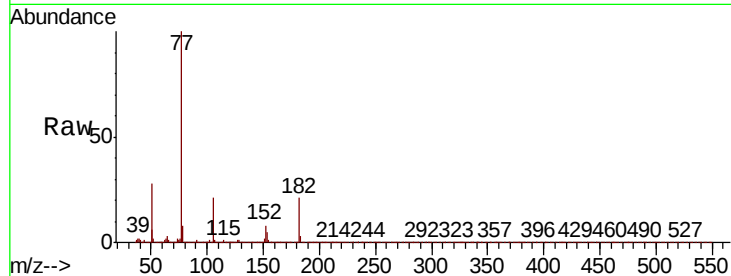




#63
Azobenzene
Concen: 3.667 ng
RT: 15.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

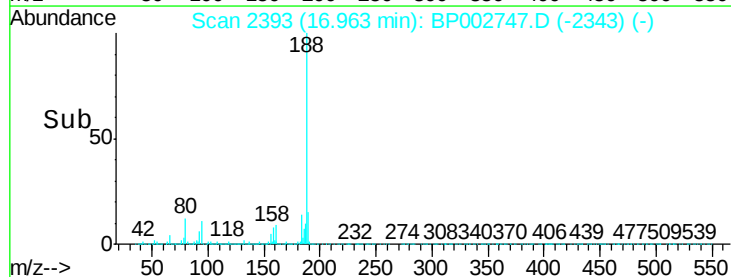
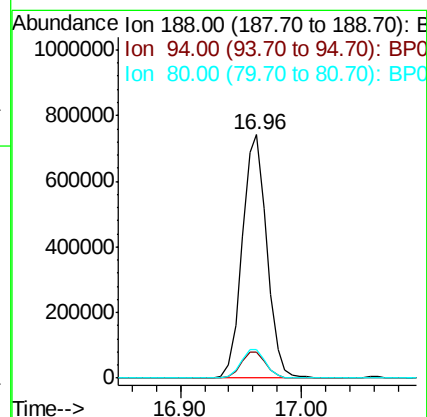
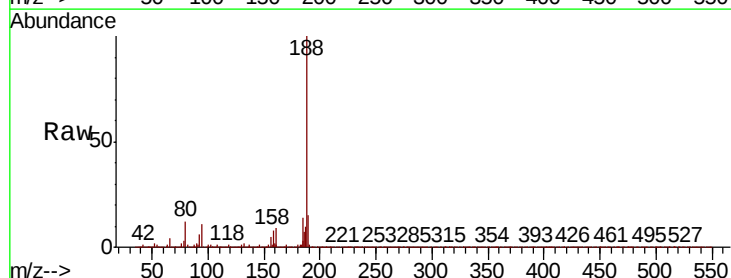
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

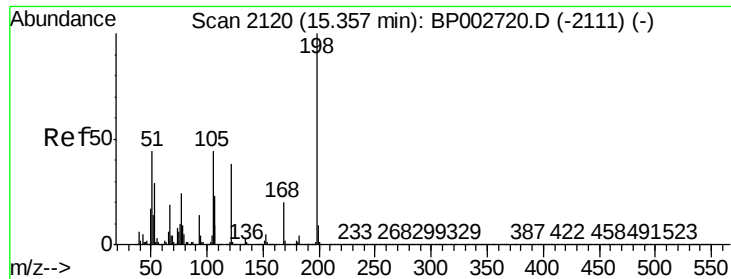
Tot Ion:	77	Resp:	137598
Ion	Ratio	Lower	Upper
77	100		
182	21.3	5.1	45.1
105	21.2	0.8	40.8
51	28.1	7.6	47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:	188	Resp:	1051645
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	11.6	8.9	13.3

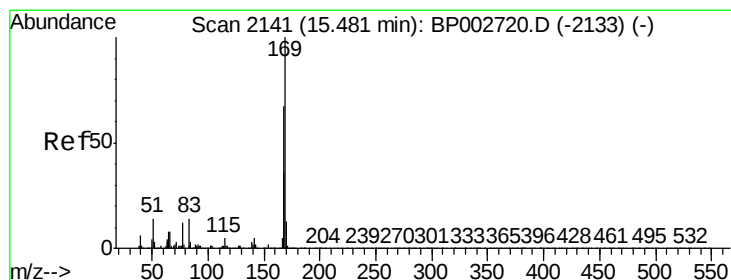
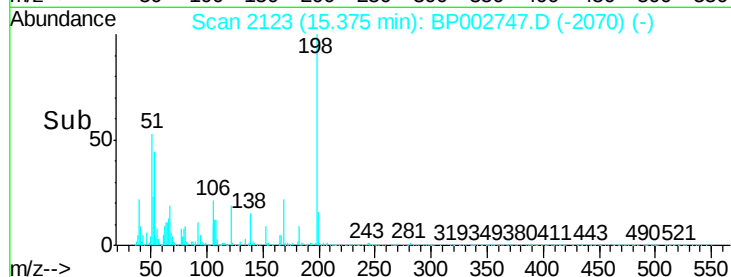
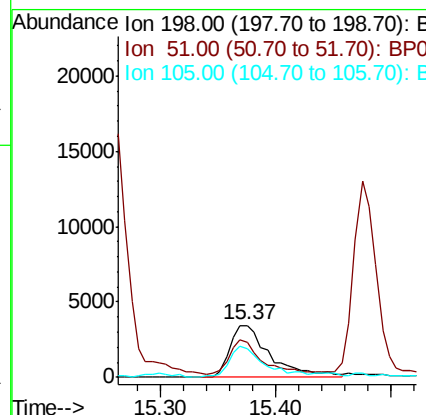
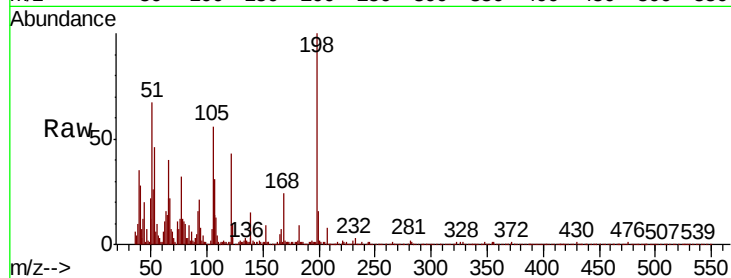




#65
4,6-Dinitro-2-methylphenol
Concen: 1.478 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

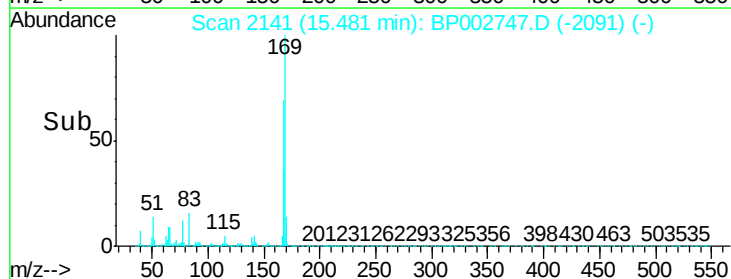
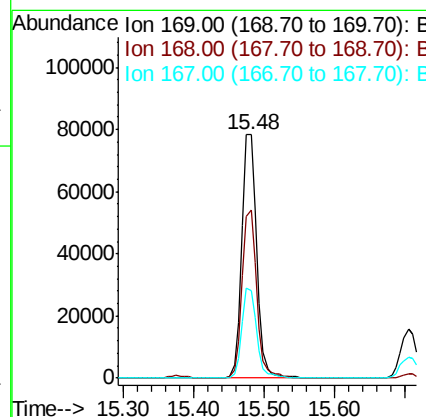
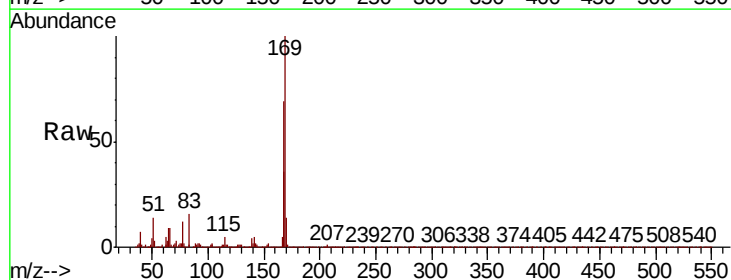
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

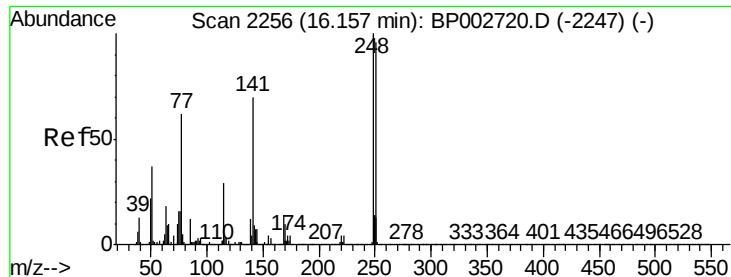
Tot Ion:198 Resp: 8419
Ion Ratio Lower Upper
198 100
51 67.2 27.1 67.1#
105 56.3 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 3.685 ng
RT: 15.48 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:169 Resp: 114479
Ion Ratio Lower Upper
169 100
168 68.8 53.4 80.0
167 35.8 29.2 43.8

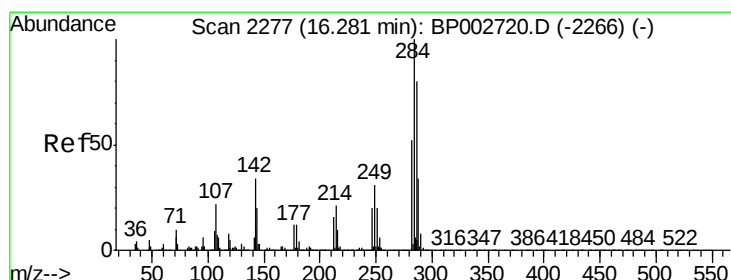
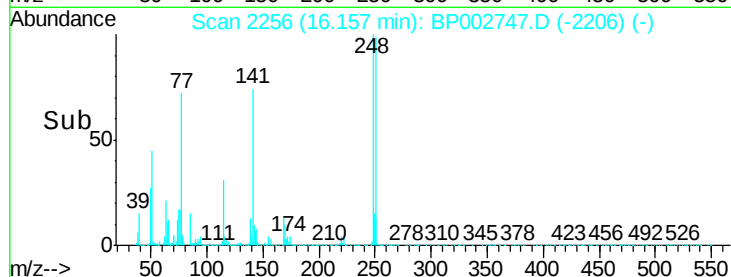
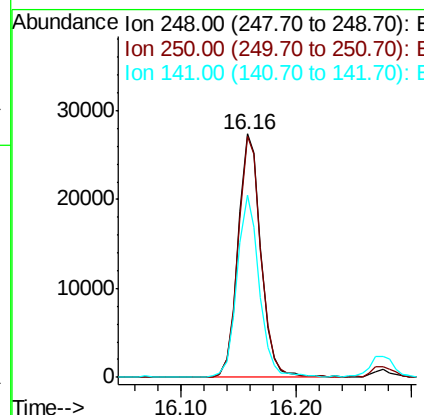
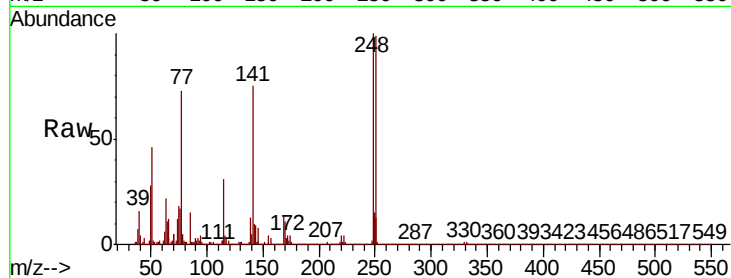




#67
4-Bromophenyl-phenylether
Concen: 3.254 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

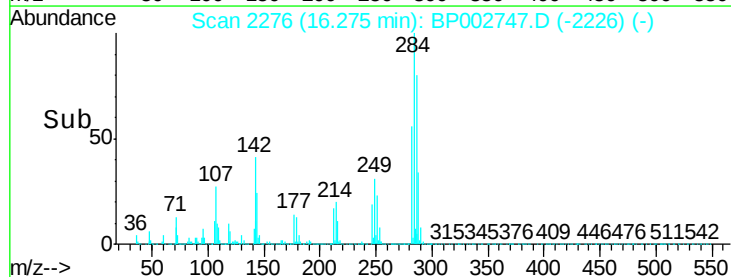
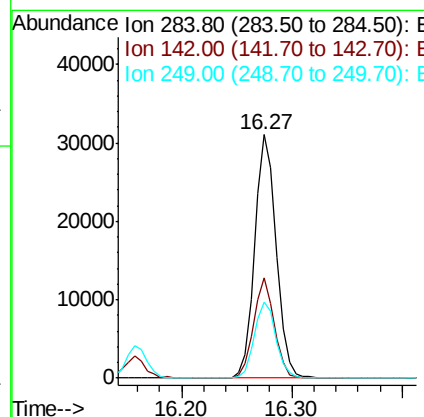
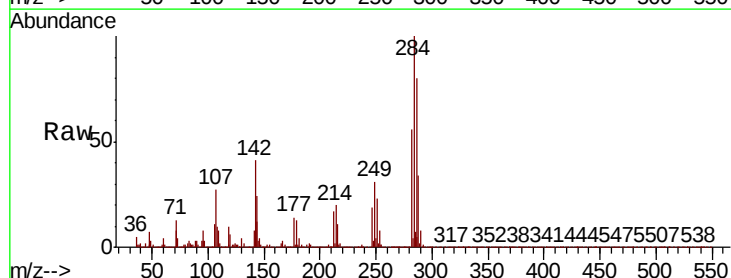
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

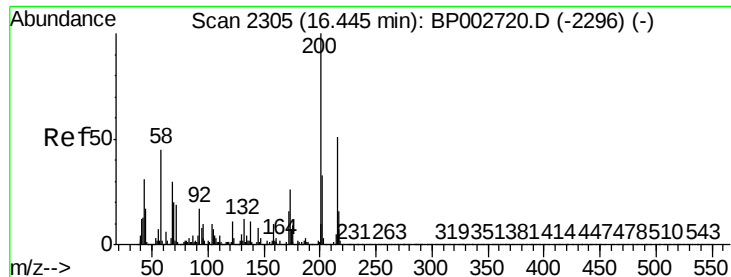
Tot Ion:248 Resp: 37278
Ion Ratio Lower Upper
248 100
250 99.2 76.7 115.1
141 74.8 55.9 83.9



#68
Hexachlorobenzene
Concen: 3.515 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:284 Resp: 42427
Ion Ratio Lower Upper
284 100
142 41.3 26.9 40.3#
249 31.2 24.6 37.0

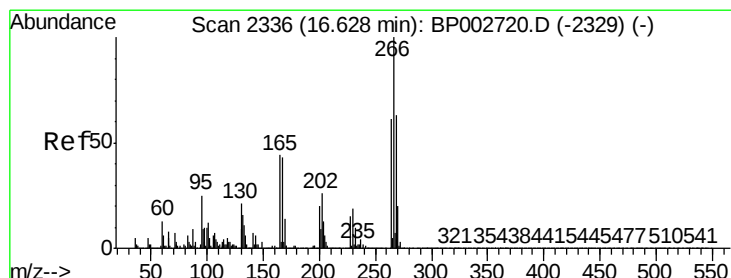
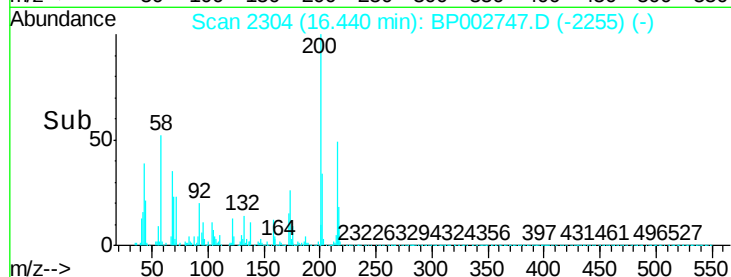
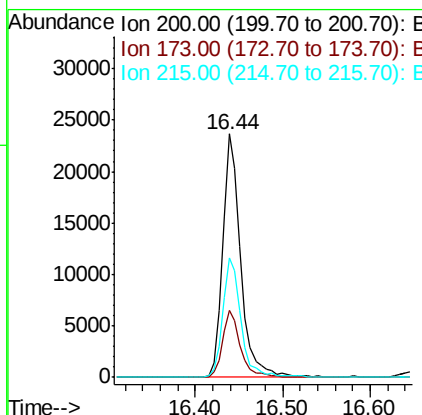
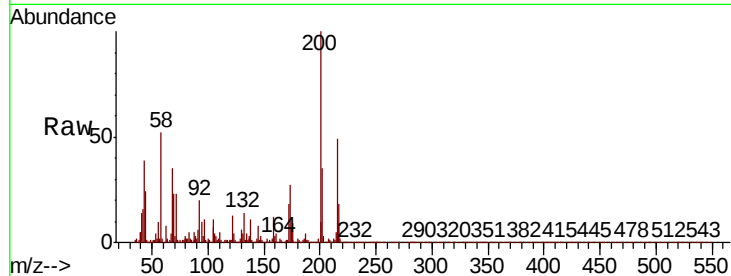




#69
Atrazine
Concen: 3.963 ng
RT: 16.44 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

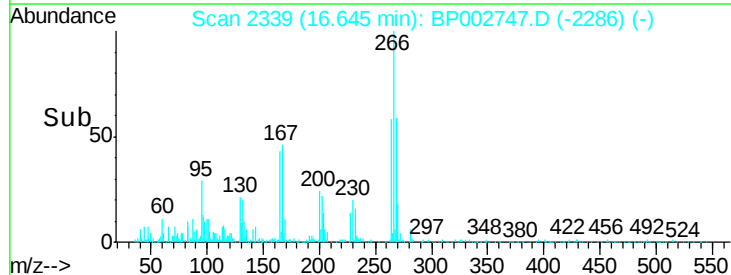
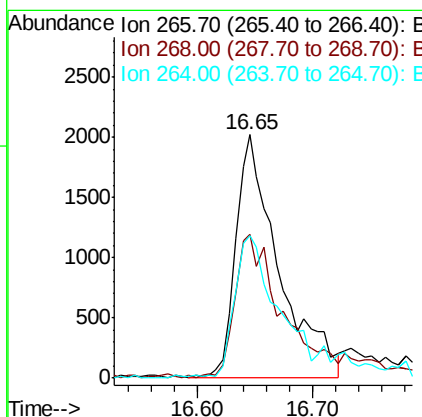
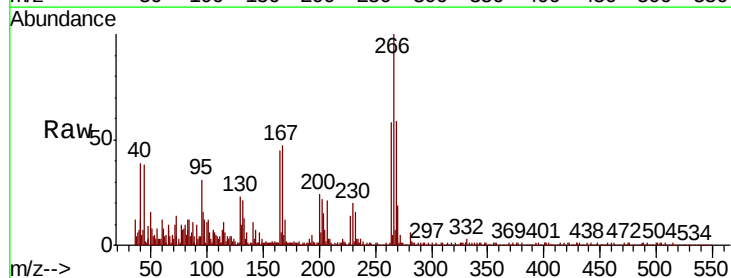
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

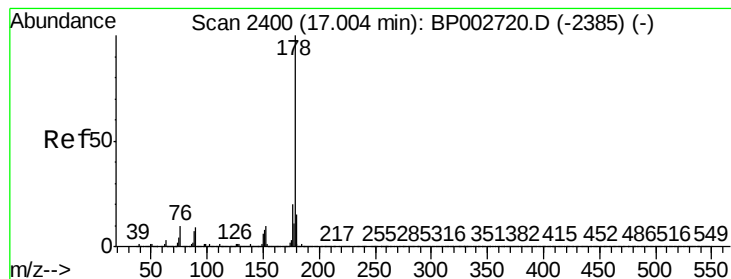
Tot Ion:200 Resp: 33609
Ion Ratio Lower Upper
200 100
173 27.3 6.3 46.3
215 49.0 30.6 70.6



#70
Pentachlorophenol
Concen: 1.095 ng
RT: 16.65 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:266 Resp: 5177
Ion Ratio Lower Upper
266 100
268 59.2 50.6 75.8
264 58.3 48.6 72.8





#71

Phenanthrene

Concen: 3.793 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

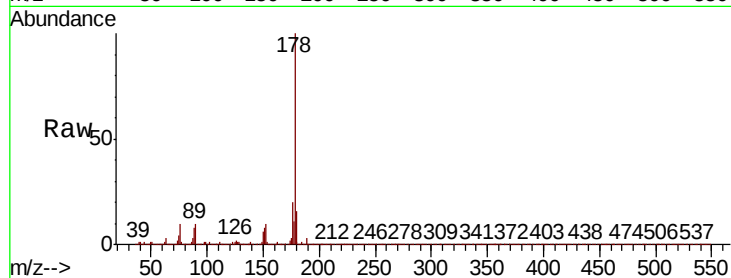
BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:178 Resp: 215999

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.2	12.3	18.5

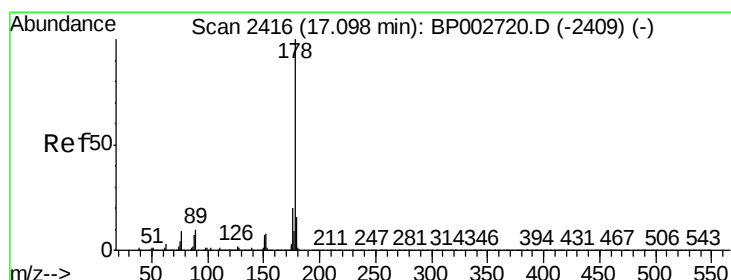
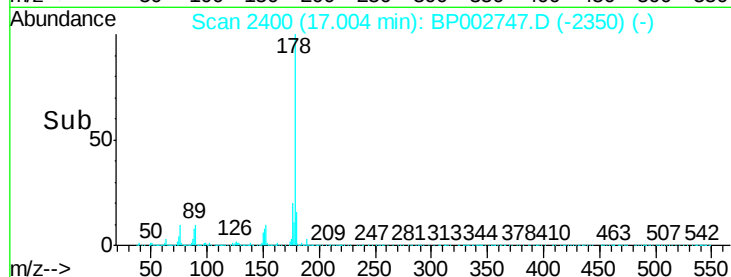
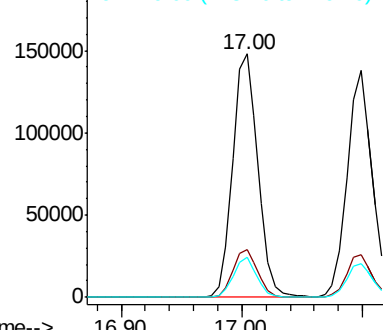


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 3.675 ng

RT: 17.10 min Scan# 2416

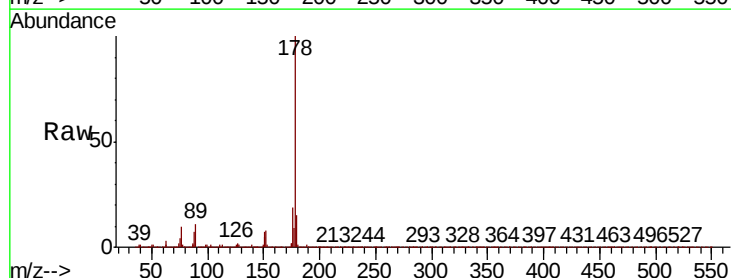
Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Tgt Ion:178 Resp: 205323

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	15.0	12.6	19.0

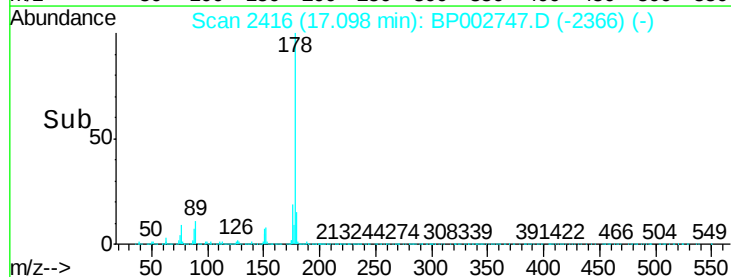
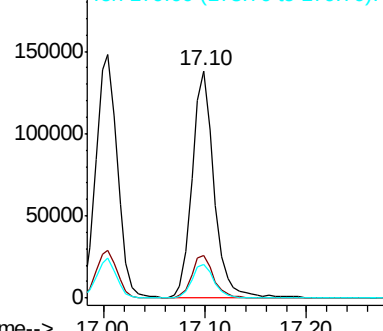


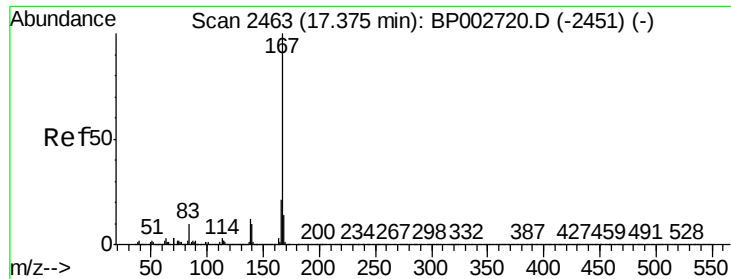
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

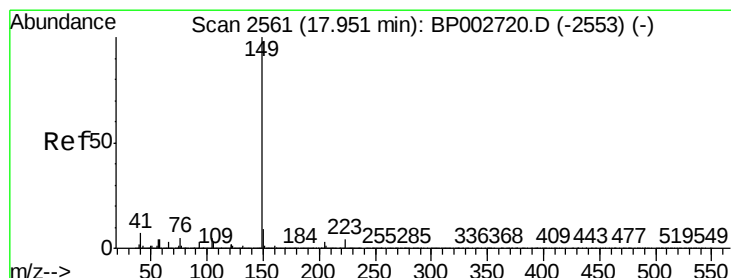
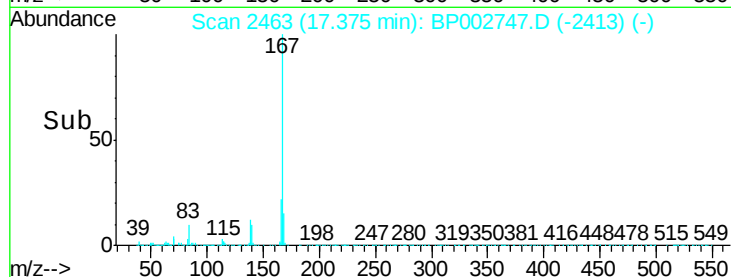
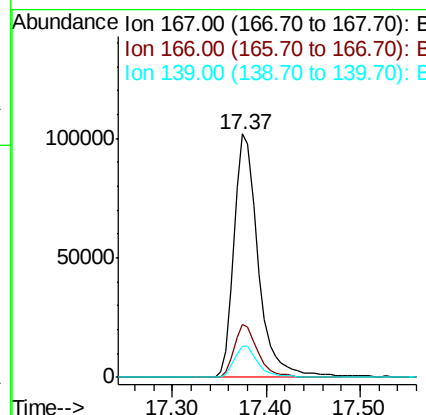
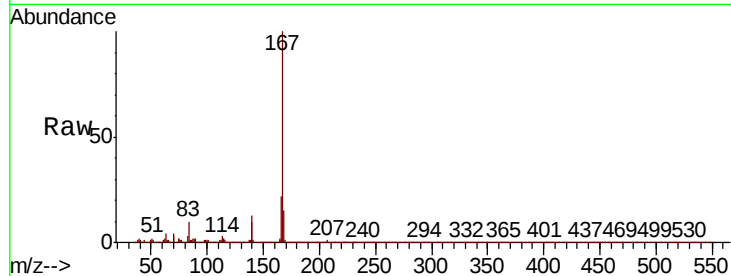




#73
 Carbazole
 Concen: 3.326 ng
 RT: 17.37 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BP002747.D
 Acq: 14 Jul 2020 13:33

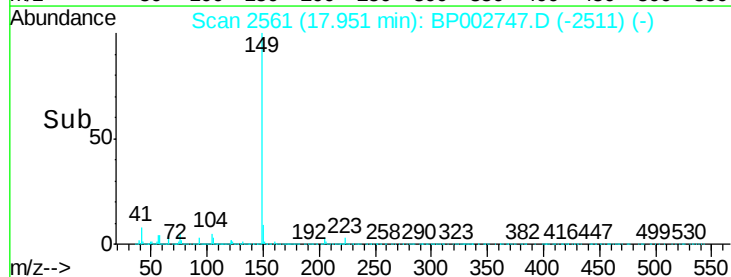
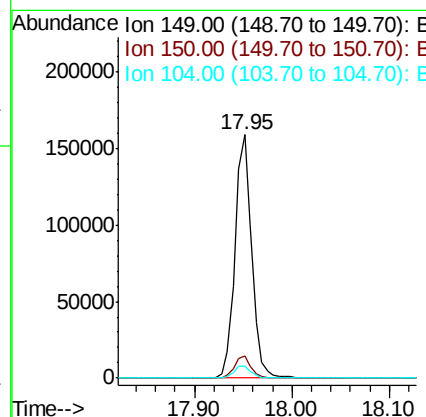
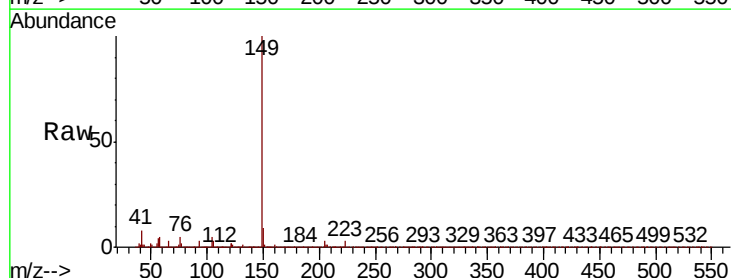
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2020

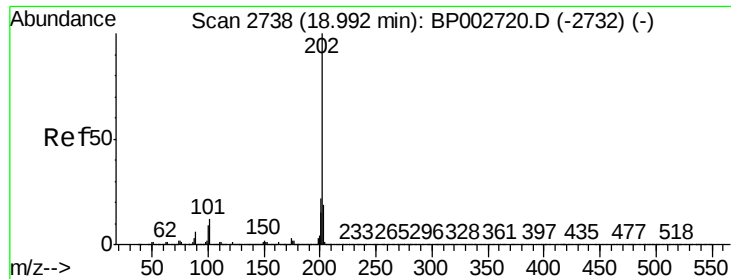
Tot Ion:167 Resp: 182342
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.8 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 3.180 ng
 RT: 17.95 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BP002747.D
 Acq: 14 Jul 2020 13:33

Tgt Ion:149 Resp: 189096
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 3.610 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

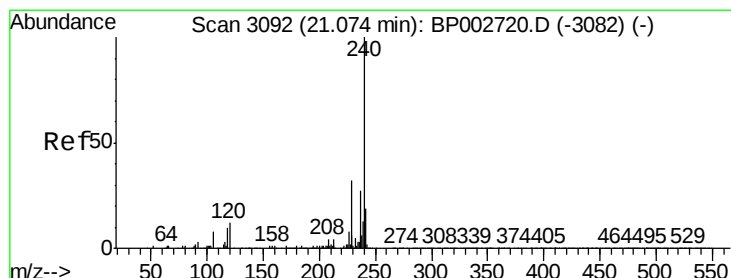
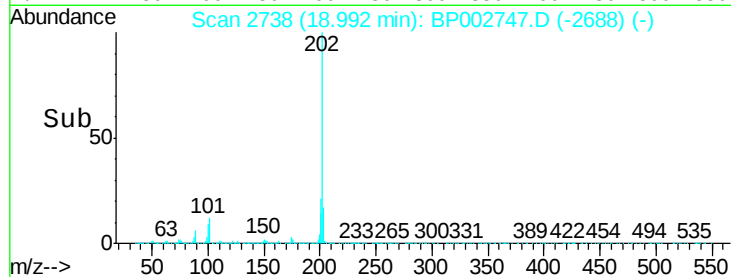
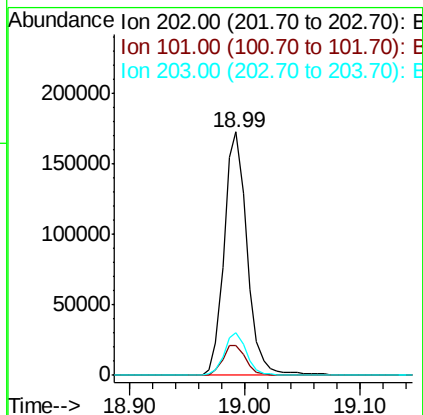
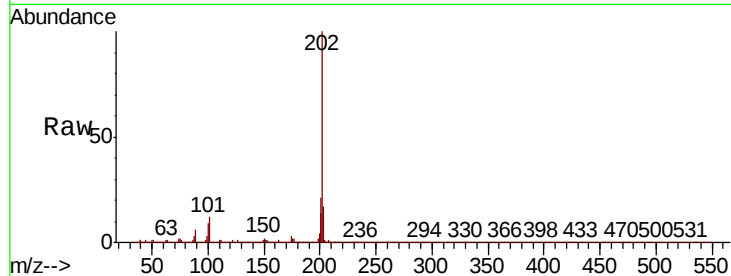
Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	202	Resp:	238203
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.5
203	17.4	0.0	38.6



#76

Chrysene-d12

Concen: 20.000 ng

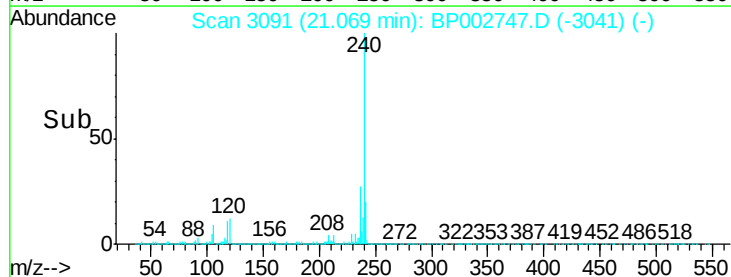
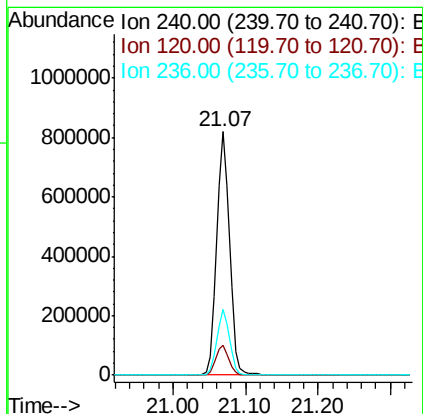
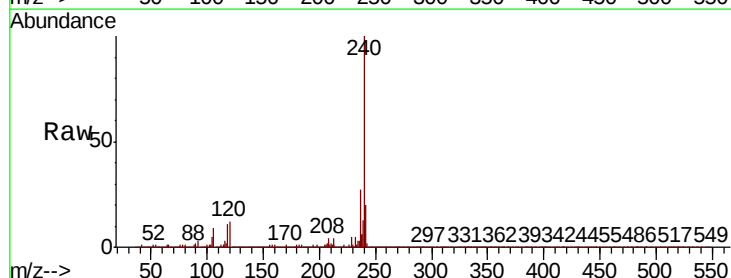
RT: 21.07 min Scan# 3091

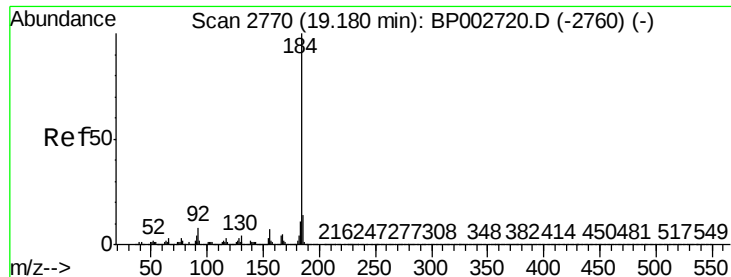
Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Tgt Ion:	240	Resp:	1015304
Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.4	14.2
236	27.2	21.3	31.9





#77

Benzidine

Concen: 2.735 ng

RT: 19.18 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

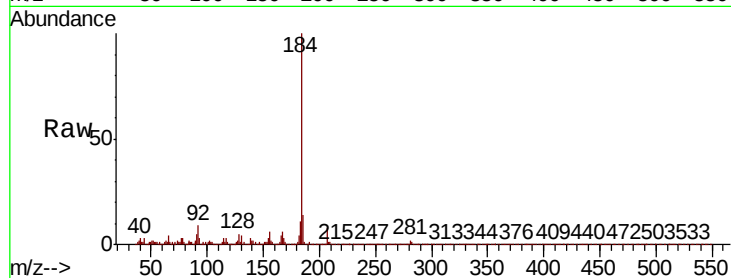
Tot Ion:184 Resp: 68836

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

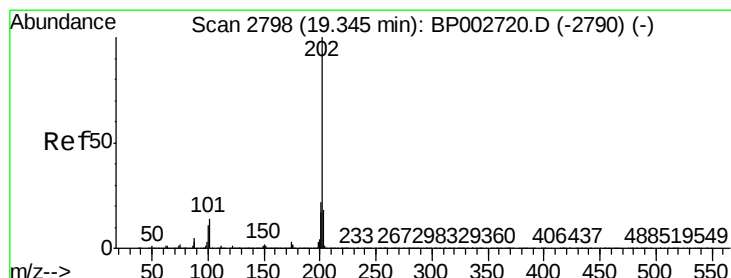
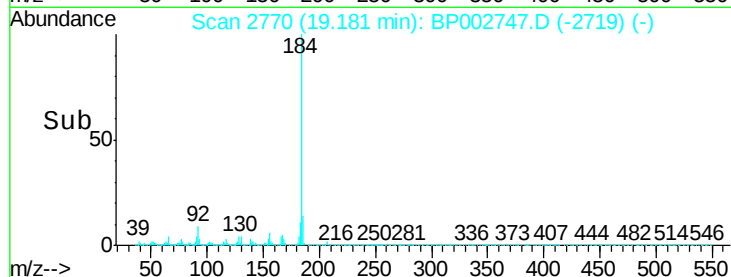
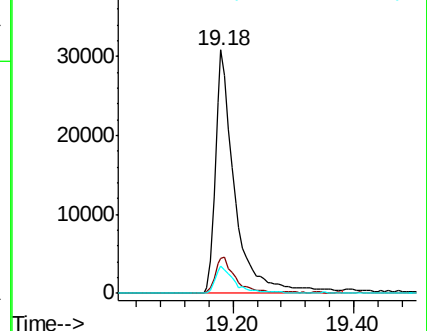
183 11.3 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 3.565 ng

RT: 19.35 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

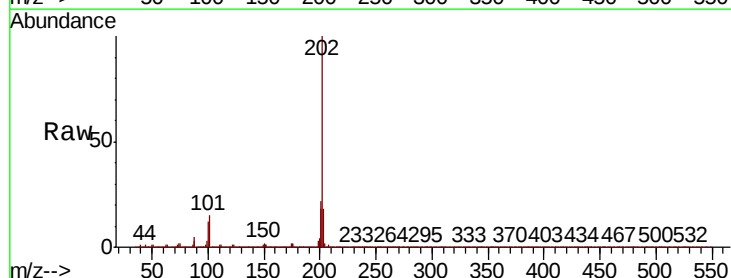
Tgt Ion:202 Resp: 249878

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

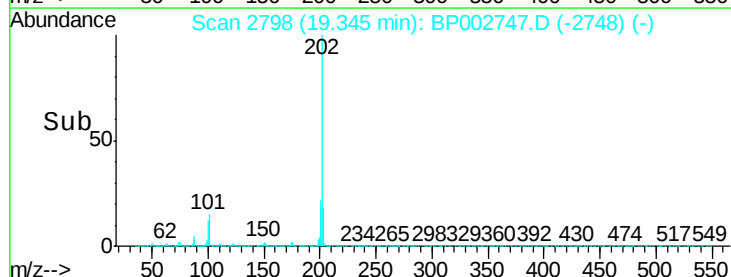
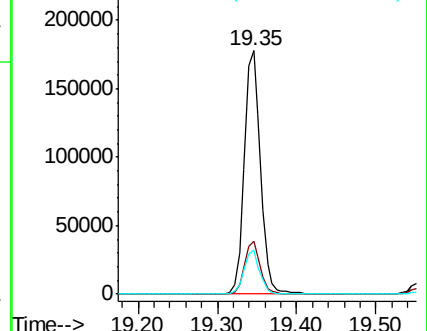
203 17.9 14.5 21.7

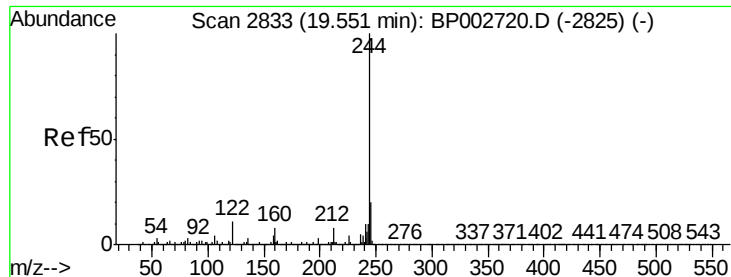


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.653 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

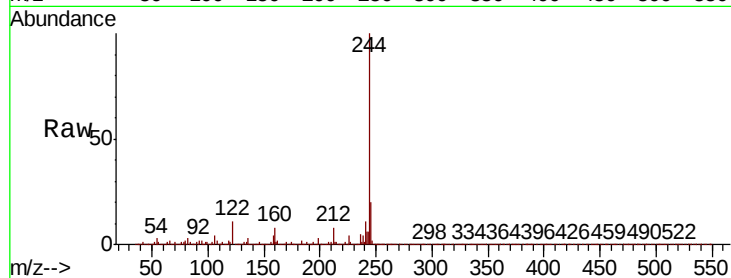
Tot Ion:244 Resp: 2641672

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

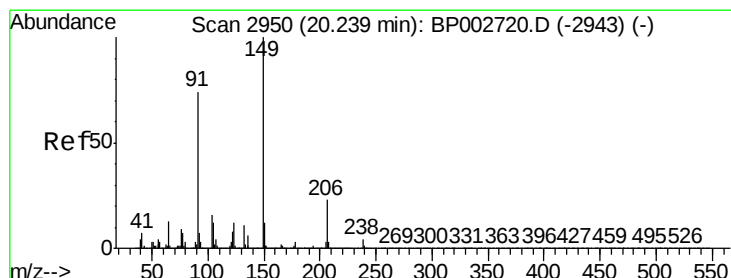
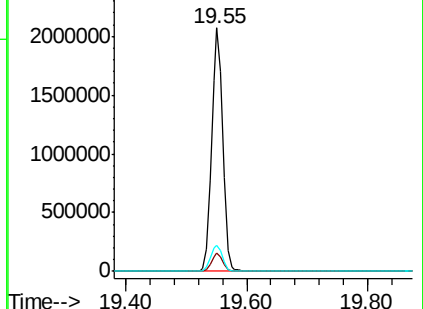
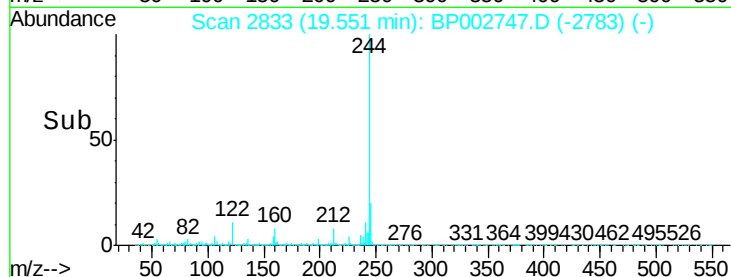
122 10.9 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 2.737 ng

RT: 20.23 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

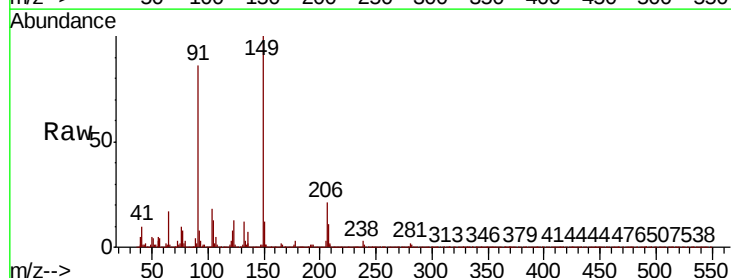
Tgt Ion:149 Resp: 75709

Ion Ratio Lower Upper

149 100

91 86.4 59.4 89.2

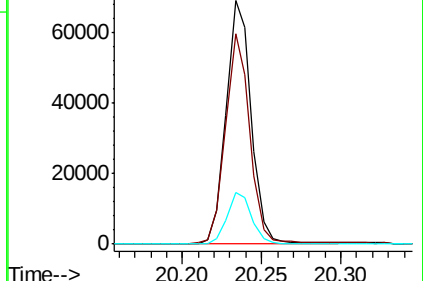
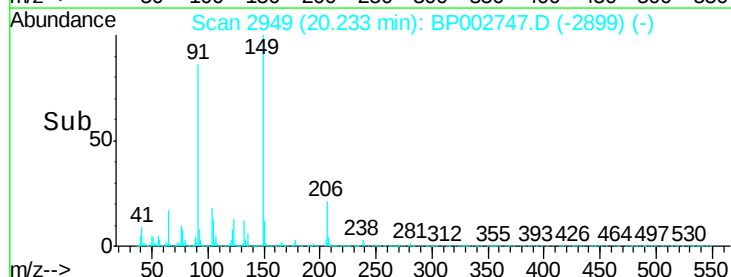
206 21.3 18.3 27.5

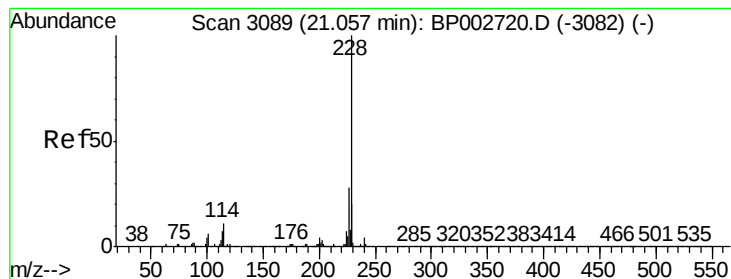


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 3.615 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

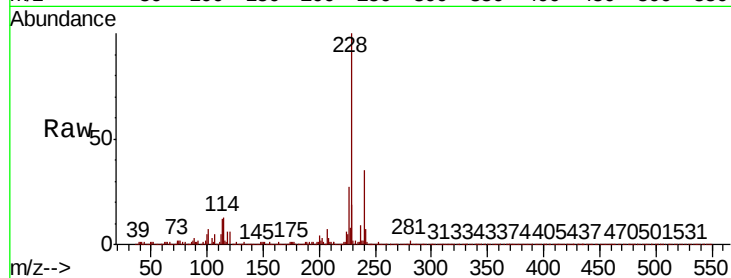
Tot Ion:228 Resp: 237559

Ion Ratio Lower Upper

228 100

226 26.7 22.6 34.0

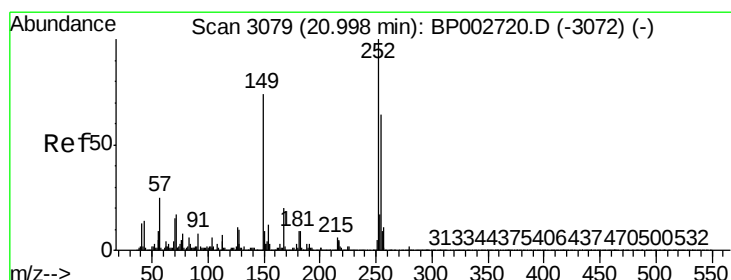
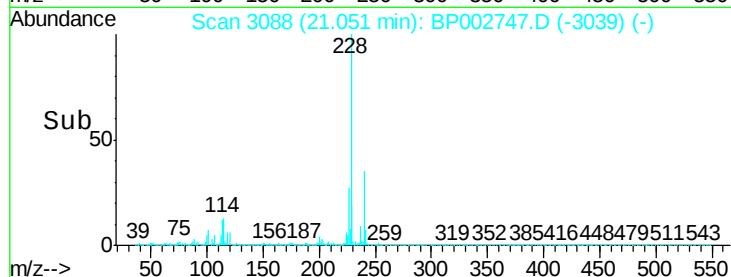
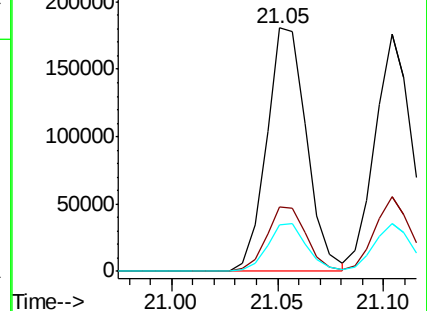
229 18.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.109 ng

RT: 21.00 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

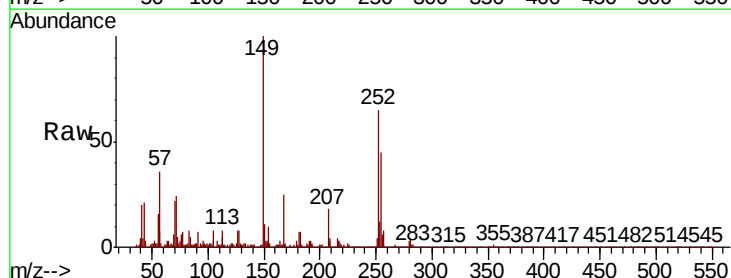
Tgt Ion:252 Resp: 67677

Ion Ratio Lower Upper

252 100

254 68.9 51.0 76.4

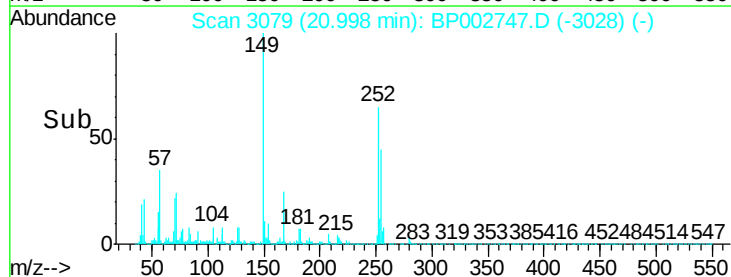
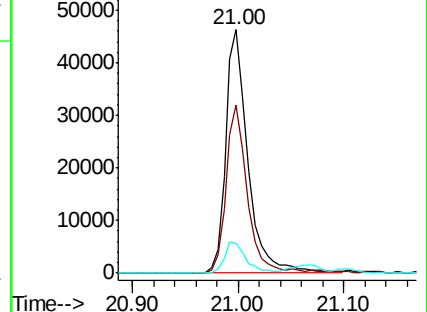
126 12.4 8.4 12.6

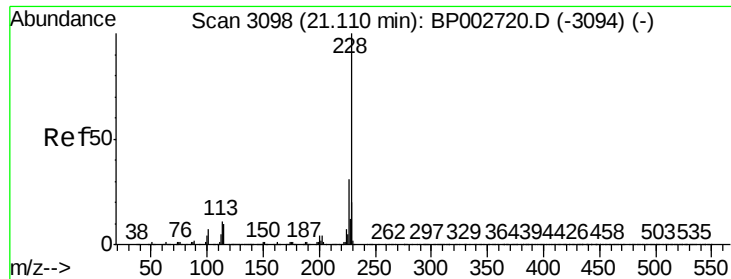


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

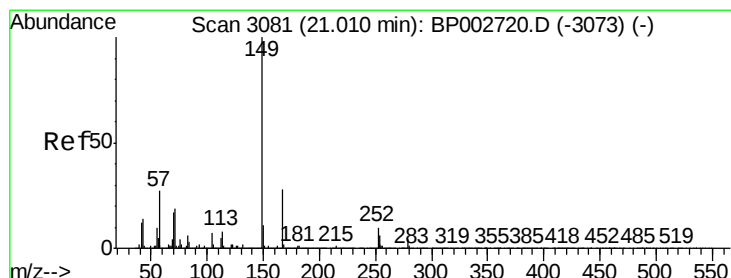
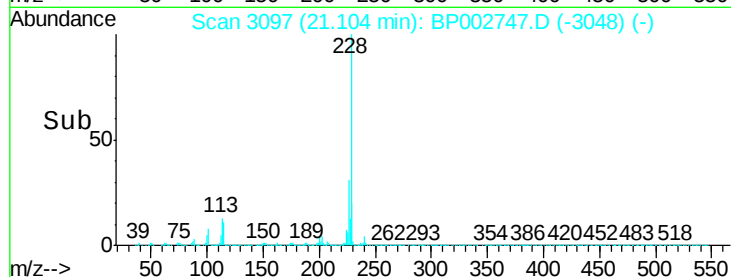
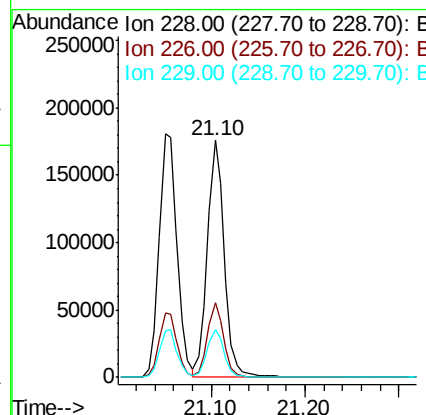
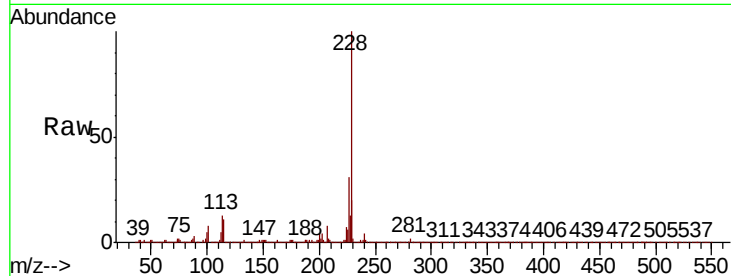




#83
Chrysene
Concen: 3.540 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

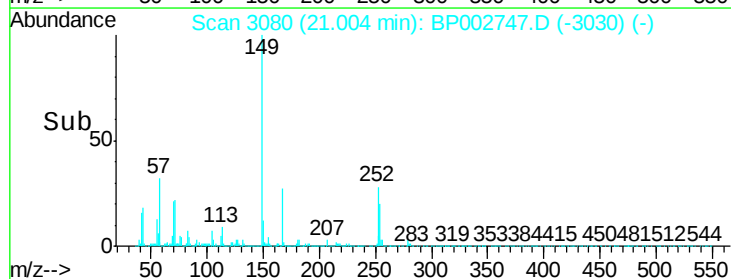
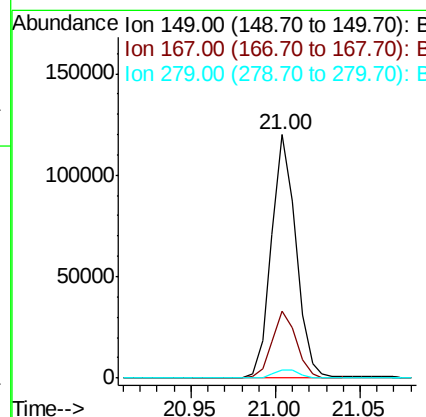
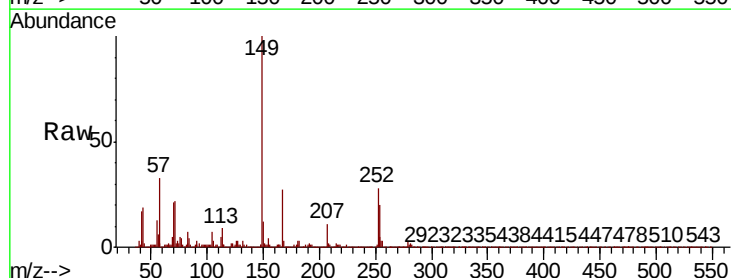
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

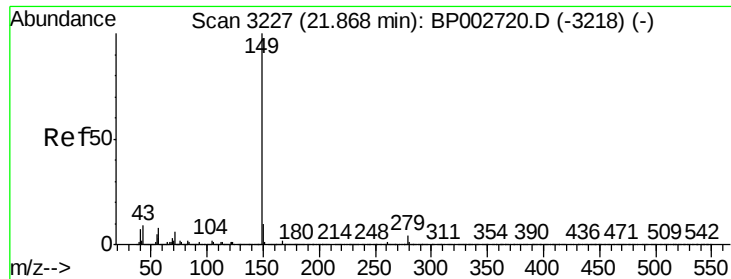
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	37.0
229	20.3	15.7	23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.115 ng
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.4	33.6
279	3.1	3.5	5.3

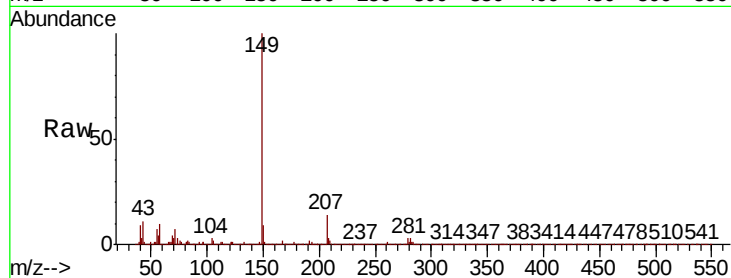




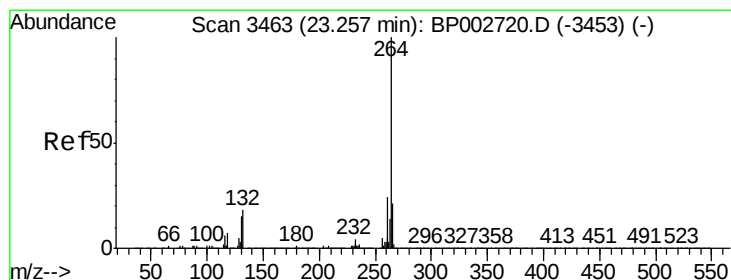
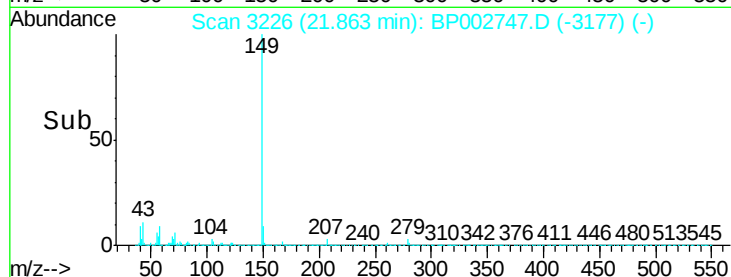
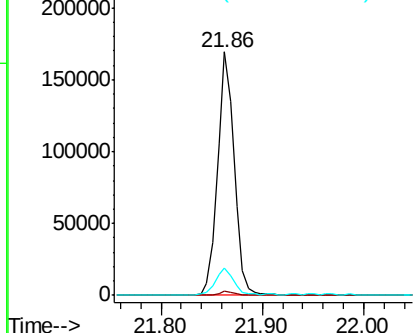
#85
Di-n-octyl phthalate
Concen: 2.777 ng
RT: 21.86 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:149 Resp: 192090
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 8.2 12.2

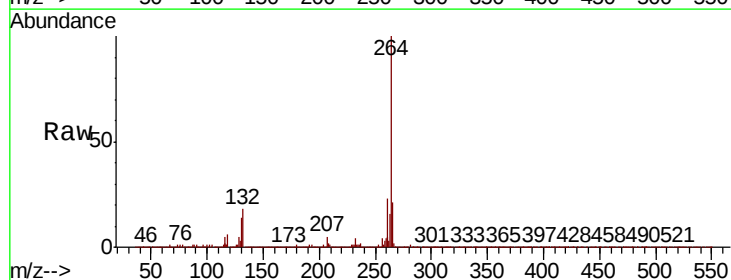


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0

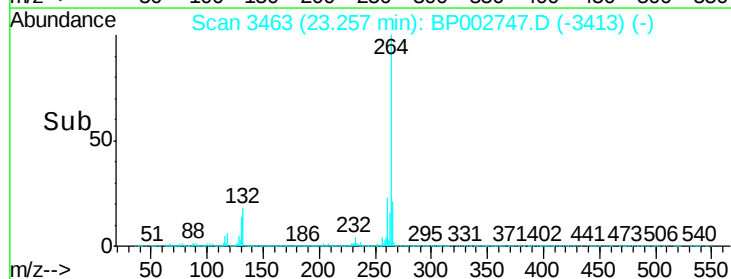
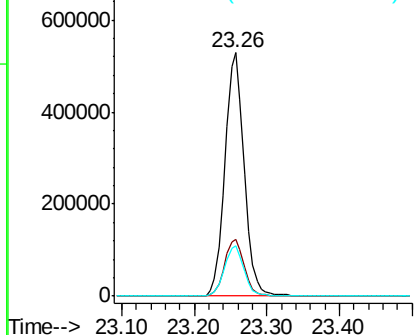


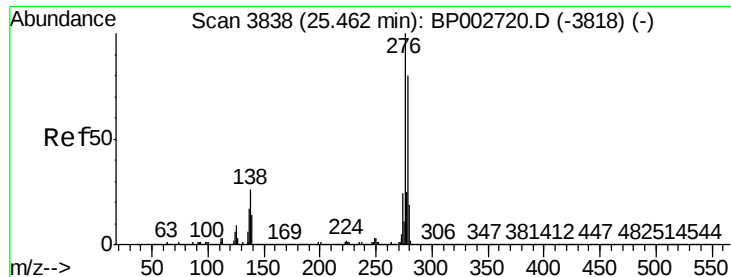
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion:264 Resp: 974070
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 20.7 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

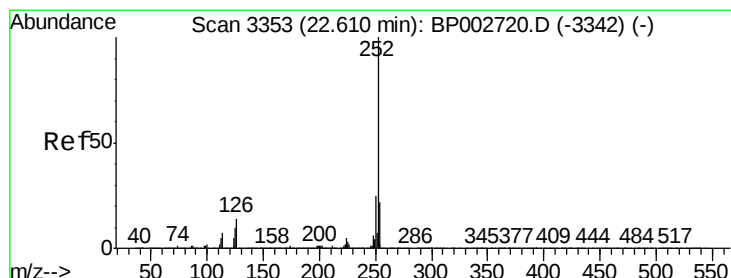
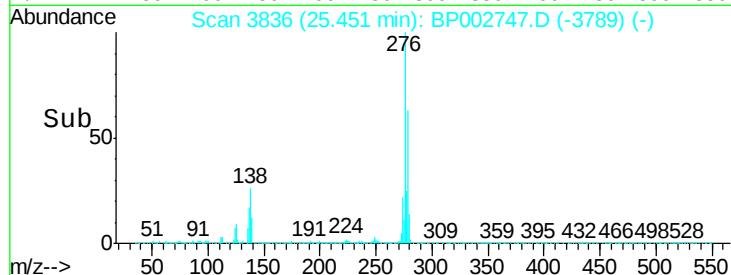
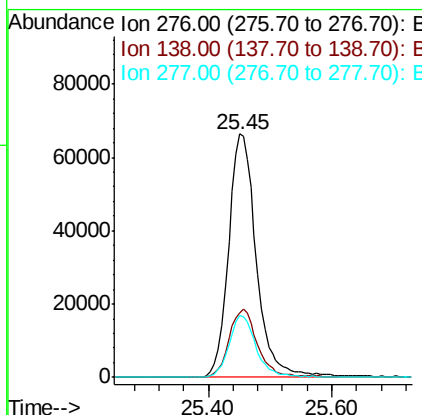
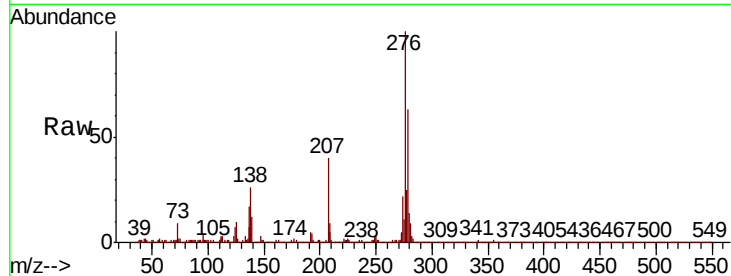




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.936 ng
 RT: 25.45 min Scan# 3836
 Delta R.T. -0.02 min
 Lab File: BP002747.D
 Acq: 14 Jul 2020 13:33

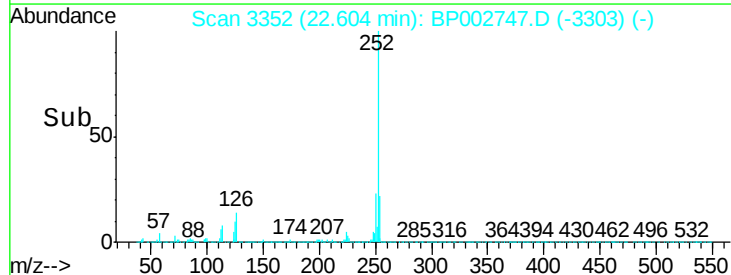
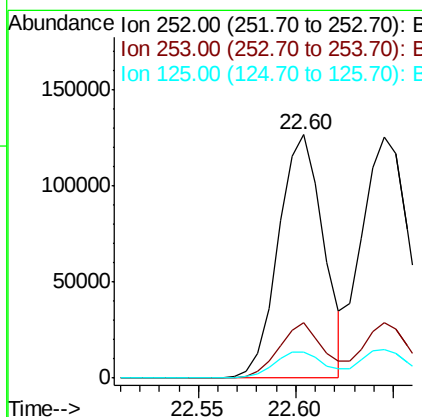
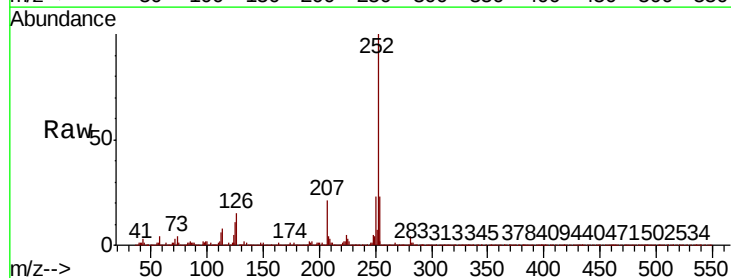
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2020

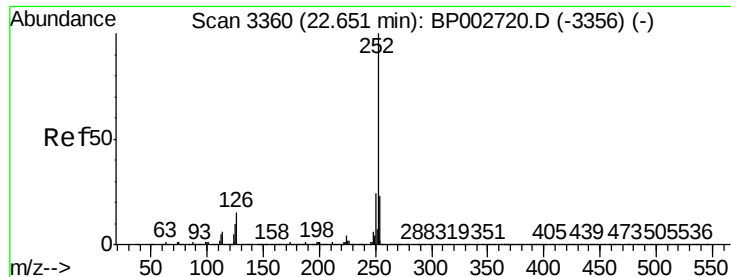
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	20.8	31.2
277	24.9	20.0	30.0



#88
 Benzo(b)fluoranthene
 Concen: 3.345 ng
 RT: 22.60 min Scan# 3352
 Delta R.T. -0.01 min
 Lab File: BP002747.D
 Acq: 14 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.5	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 3.723 ng

RT: 22.65 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT3-2020

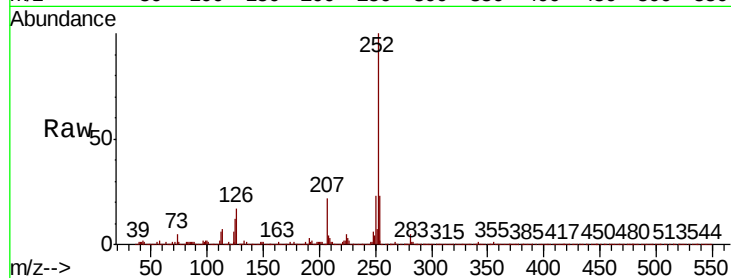
Tot Ion:252 Resp: 221793

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

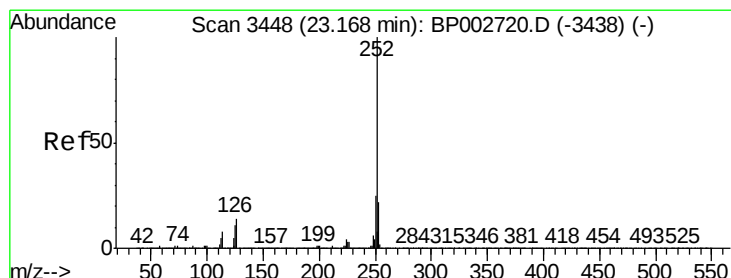
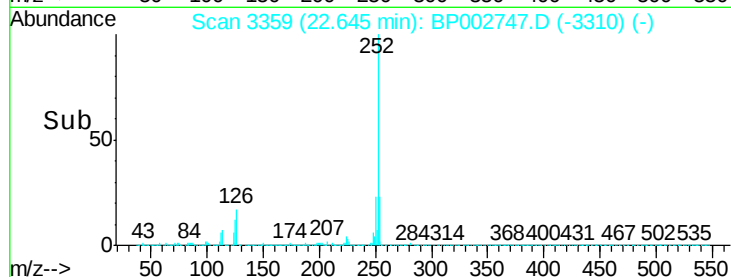
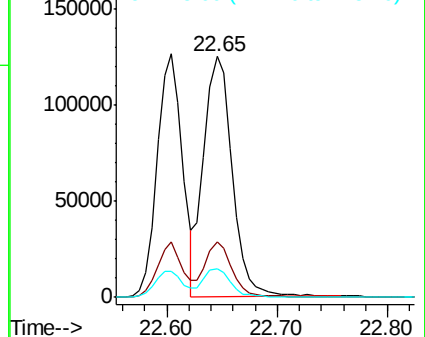
125 11.9 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 3.149 ng

RT: 23.16 min Scan# 3446

Delta R.T. -0.02 min

Lab File: BP002747.D

Acq: 14 Jul 2020 13:33

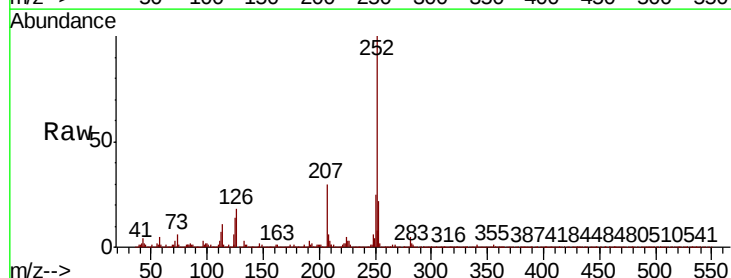
Tgt Ion:252 Resp: 180481

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

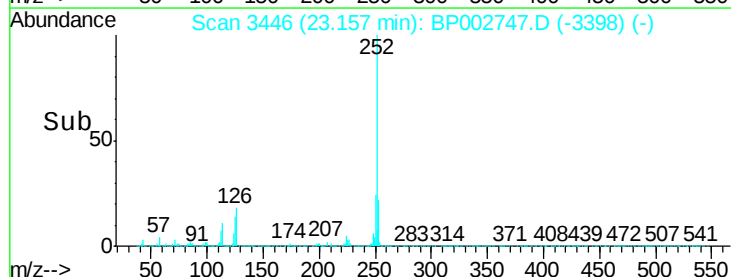
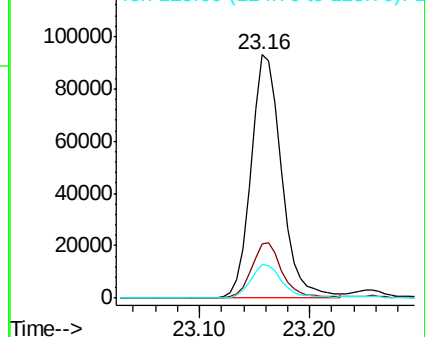
125 13.7 8.6 13.0#

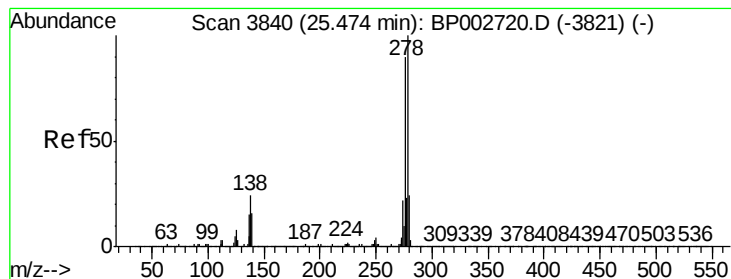


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

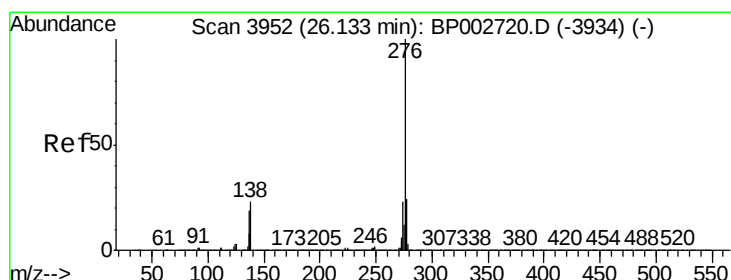
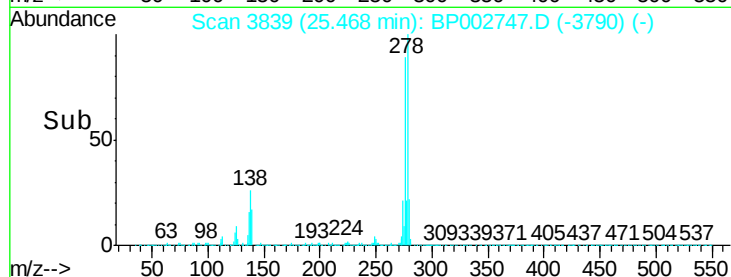
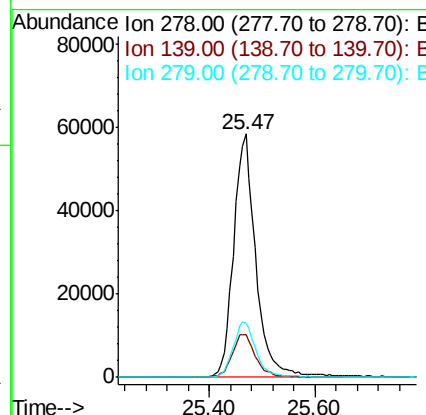
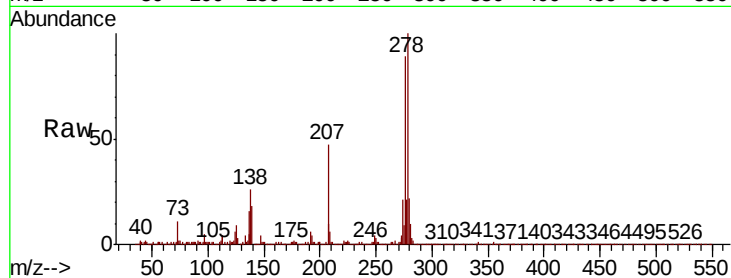




#91
Dibenzo(a,h)anthracene
Concen: 3.006 ng
RT: 25.47 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.1	19.7
279	22.3	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 2.925 ng
RT: 26.12 min Scan# 3950
Delta R.T. -0.02 min
Lab File: BP002747.D
Acq: 14 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	25.5	18.3	27.5

