

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP071320\
 Data File : BP002734.D
 Acq On : 13 Jul 2020 14:05
 Operator : CG/JU
 Sample : L3216-07
 Misc : LOD-MDL-WTR-8PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Quant Time: Jul 13 14:59:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	156896	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	643820	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	407475	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	881494	20.00	ng	0.00
76) Chrysene-d12	21.07	240	906410	20.00	ng	0.00
86) Perylene-d12	23.26	264	907333	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	892220	95.95	ng	0.00
7) Phenol-d6	6.75	99	1271460	95.80	ng	0.00
23) Nitrobenzene-d5	8.70	82	897732	74.58	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	416338	97.88	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1989279	75.52	ng	0.00
79) Terphenyl-d14	19.55	244	2413022	61.04	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	32492	8.014	ng	97
3) Pyridine	3.52	79	67397	5.578	ng	96
4) n-Nitrosodimethylamine	3.43	42	30274	6.651	ng	# 97
6) Aniline	6.89	93	118576	7.058	ng	98
8) 2-Chlorophenol	7.12	128	73772	7.130	ng	94
9) Benzaldehyde	6.70	77	67902	9.417	ng	97
10) Phenol	6.77	94	97034	7.137	ng	92
11) bis(2-Chloroethyl)ether	6.99	93	78196	6.915	ng	98
12) 1,3-Dichlorobenzene	7.45	146	83399	7.030	ng	98
13) 1,4-Dichlorobenzene	7.59	146	85208	7.157	ng	99
14) 1,2-Dichlorobenzene	7.90	146	81880	7.131	ng	100
15) Benzyl Alcohol	7.80	79	54360	6.121	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	112283	6.904	ng	99
17) 2-Methylphenol	8.02	107	60187	6.214	ng	97
18) Hexachloroethane	8.62	117	28825	6.835	ng	97
19) n-Nitroso-di-n-propylamine	8.36	70	56623	7.006	ng	99
20) 3+4-Methylphenols	8.35	107	78864	6.158	ng	94
22) Acetophenone	8.37	105	118199	7.447	ng	# 97
24) Nitrobenzene	8.74	77	91711	7.035	ng	98
25) Isophorone	9.26	82	154630	6.303	ng	99
26) 2-Nitrophenol	9.45	139	31727	5.635	ng	98
27) 2,4-Dimethylphenol	9.53	122	62807	6.870	ng	99
28) bis(2-Chloroethoxy)methane	9.76	93	101712	6.825	ng	100
29) 2,4-Dichlorophenol	10.00	162	62264	6.178	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	78753	6.822	ng	98
31) Naphthalene	10.37	128	240753	7.083	ng	99
32) Benzoic acid	9.69	122	4687	7.627	ng	# 88
33) 4-Chloroaniline	10.50	127	92530	6.353	ng	98
34) Hexachlorobutadiene	10.67	225	43620	6.537	ng	98
35) Caprolactam	11.24	113	18772	5.327	ng	93
36) 4-Chloro-3-methylphenol	11.65	107	67331	6.198	ng	98
37) 2-Methylnaphthalene	12.00	142	170151	7.094	ng	100
38) 1-Methylnaphthalene	12.22	142	162838	7.178	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	89863	7.176	ng	98

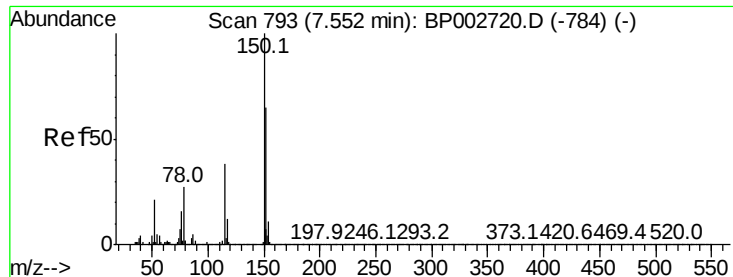
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	12581	9.491	ng	94
43) 2,4,6-Trichlorophenol	12.63	196	45538	5.681	ng	96
44) 2,4,5-Trichlorophenol	12.72	196	47902	5.152	ng	98
46) 1,1'-Biphenyl	13.03	154	230799	7.598	ng	99
47) 2-Chloronaphthalene	13.06	162	168531	6.830	ng	99
48) 2-Nitroaniline	13.28	65	39084	5.125	ng	86
49) Acenaphthylene	13.92	152	266849	6.860	ng	98
50) Dimethylphthalate	13.67	163	207713	6.684	ng	99
51) 2,6-Dinitrotoluene	13.78	165	40057	6.021	ng	90
52) Acenaphthene	14.27	154	162239	6.979	ng	99
53) 3-Nitroaniline	14.12	138	39410	5.295	ng	98
54) 2,4-Dinitrophenol	14.37	184	2250	11.894	ng	93
55) Dibenzofuran	14.60	168	265898	7.132	ng	97
56) 4-Nitrophenol	14.50	139	14137	7.195	ng	94
57) 2,4-Dinitrotoluene	14.59	165	48952	5.587	ng	91
58) Fluorene	15.26	166	207798	7.532	ng	94
59) 2,3,4,6-Tetrachlorophenol	14.85	232	42739	5.832	ng	# 98
60) Diethylphthalate	15.05	149	198999	6.605	ng	97
61) 4-Chlorophenyl-phenylether	15.26	204	105810	7.219	ng	98
62) 4-Nitroaniline	15.29	138	38517	6.109	ng	95
63) Azobenzene	15.56	77	208618	6.734	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	15882	7.950	ng	93
66) n-Nitrosodiphenylamine	15.48	169	180676	6.938	ng	99
67) 4-Bromophenyl-phenylether	16.16	248	60850	6.337	ng	98
68) Hexachlorobenzene	16.27	284	68441	6.765	ng	94
69) Atrazine	16.44	200	54525	7.670	ng	96
70) Pentachlorophenol	16.64	266	9035	9.116	ng	96
71) Phenanthrene	17.00	178	336795	7.057	ng	98
72) Anthracene	17.10	178	332066	7.090	ng	98
73) Carbazole	17.37	167	303691	6.608	ng	98
74) Di-n-butylphthalate	17.95	149	299362	6.006	ng	99
75) Fluoranthene	18.99	202	387224	7.002	ng	97
77) Benzidine	19.18	184	134871	6.003	ng	99
78) Pyrene	19.34	202	411477	6.575	ng	98
80) Butylbenzylphthalate	20.24	149	126186	5.110	ng	98
81) Benzo(a)anthracene	21.06	228	402551	6.861	ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	126411	6.505	ng	98
83) Chrysene	21.11	228	387363	6.936	ng	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	198149	5.769	ng	99
85) Di-n-octyl phthalate	21.87	149	328207	5.315	ng	97
87) Indeno(1,2,3-cd)pyrene	25.46	276	450491	6.869	ng	98
88) Benzo(b)fluoranthene	22.60	252	377932	6.708	ng	99
89) Benzo(k)fluoranthene	22.65	252	394133	7.102	ng	100
90) Benzo(a)pyrene	23.16	252	343667	6.437	ng	99
91) Dibenzo(a,h)anthracene	25.47	278	373783	7.068	ng	98
92) Benzo(g,h,i)perylene	26.12	276	372220	6.942	ng	98

(#) = 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

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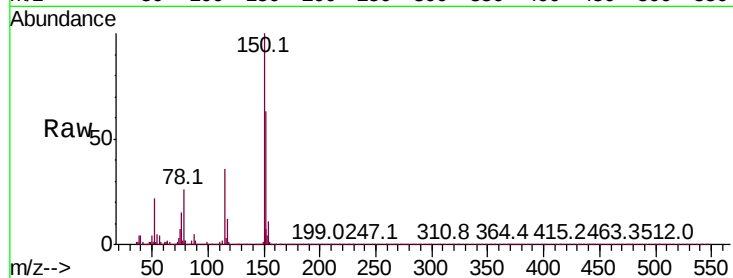
Tot Ion:152 Resp: 156896

Ion Ratio Lower Upper

152 100

150 159.0 123.7 185.5

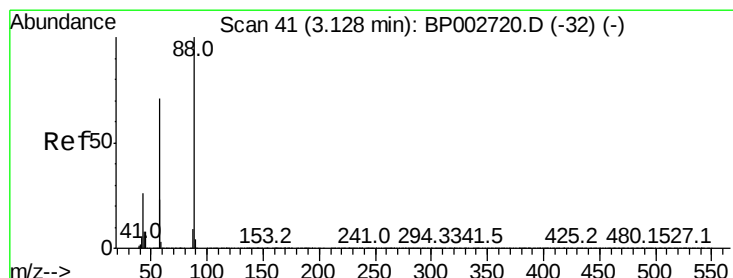
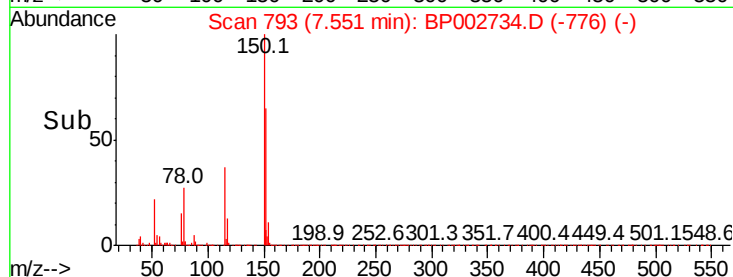
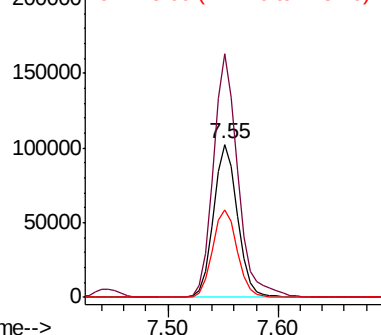
115 57.5 47.2 70.8



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: 8.014 ng

RT: 3.13 min Scan# 41

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

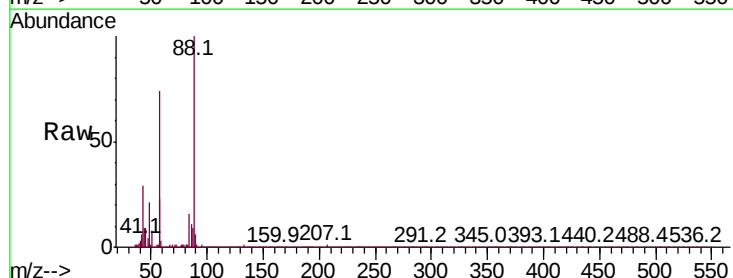
Tgt Ion: 88 Resp: 32492

Ion Ratio Lower Upper

88 100

58 75.9 58.2 87.4

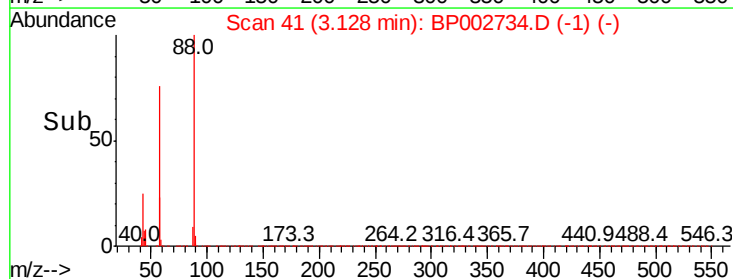
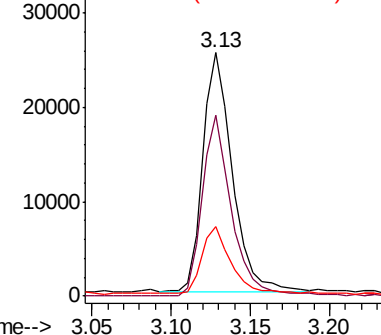
43 27.6 21.5 32.3

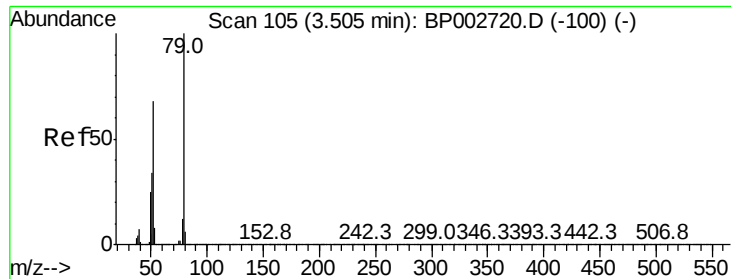


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 5.578 ng

RT: 3.52 min Scan# 107

Delta R.T. 0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

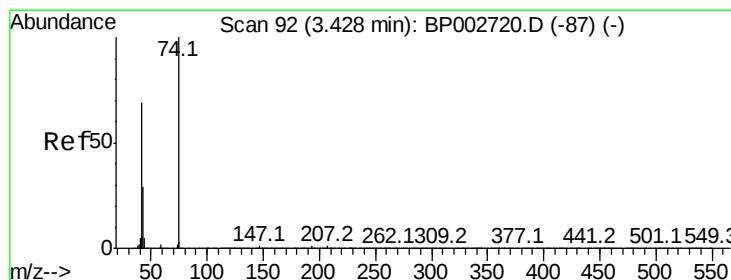
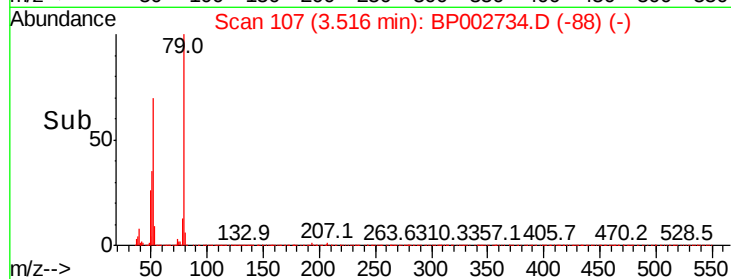
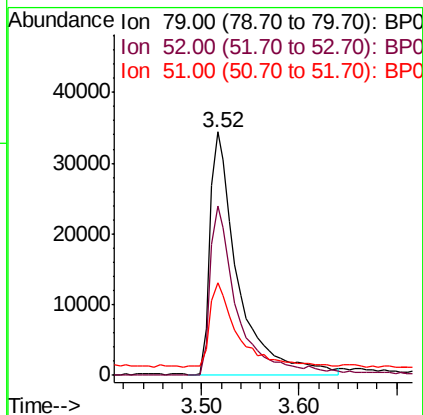
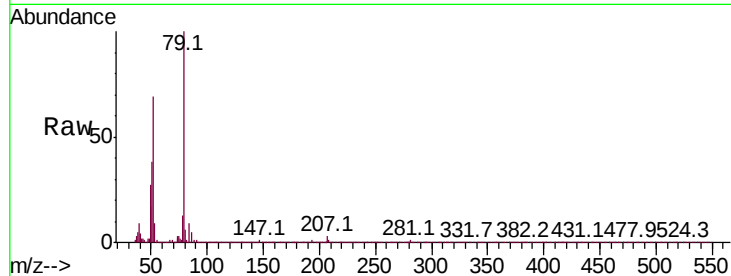
Tot Ion: 79 Resp: 67397

Ion Ratio Lower Upper

79 100

52 69.5 54.2 81.2

51 38.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 6.651 ng

RT: 3.43 min Scan# 93

Delta R.T. 0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

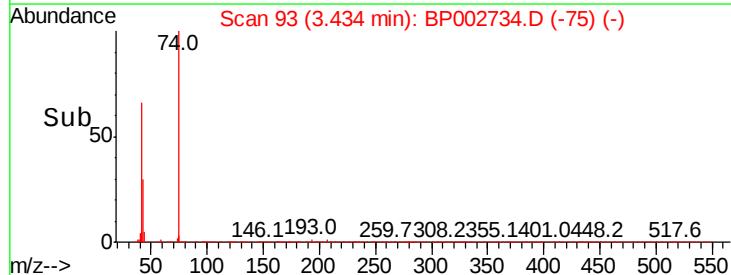
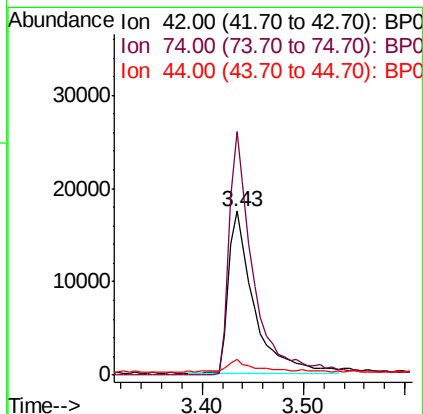
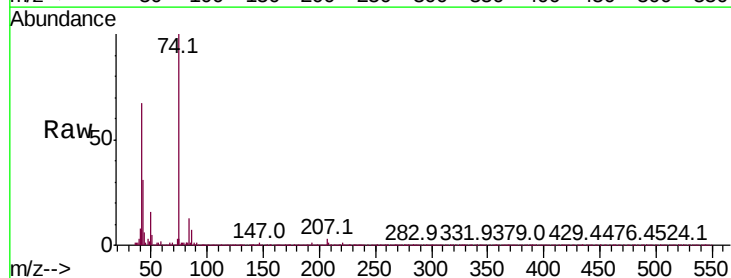
Tgt Ion: 42 Resp: 30274

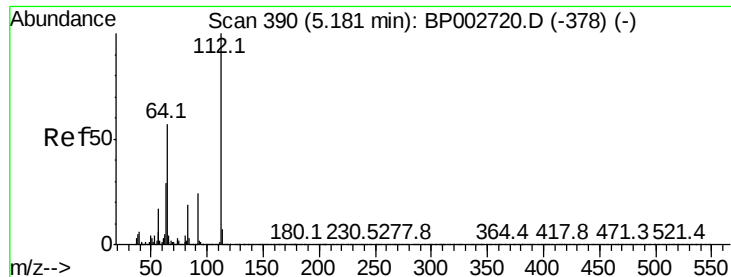
Ion Ratio Lower Upper

42 100

74 148.7 116.3 174.5

44 9.5 5.9 8.9#





#5

2-Fluorophenol

Concen: 95.945 ng

RT: 5.18 min Scan# 389

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

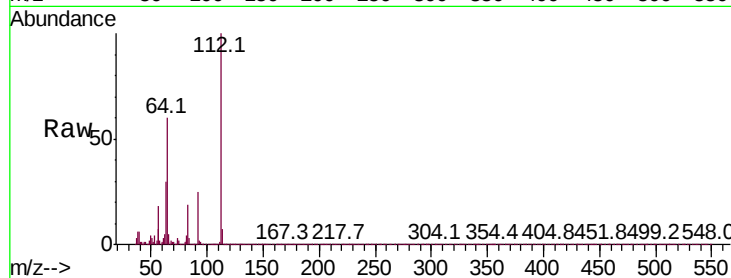
Tot Ion:112 Resp: 892220

Ion Ratio Lower Upper

112 100

64 59.8 45.6 68.4

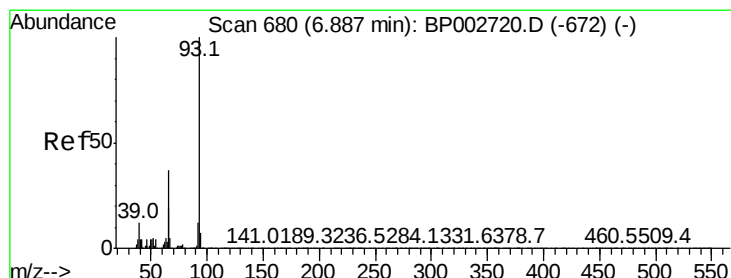
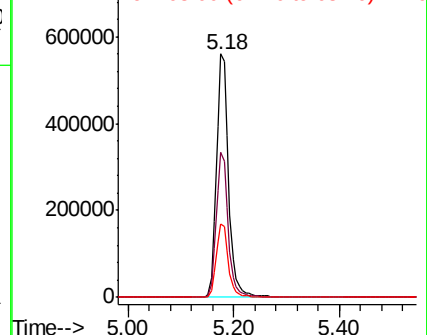
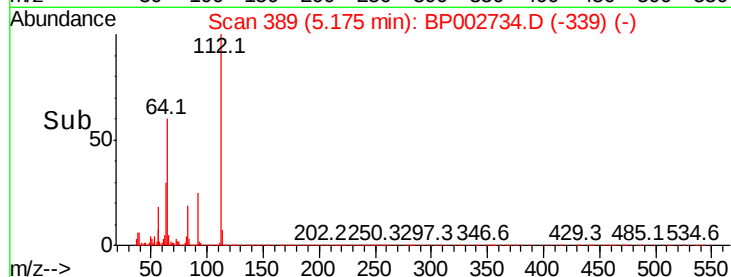
63 30.4 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 7.058 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

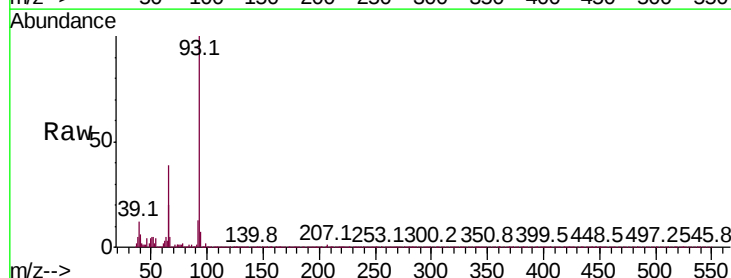
Tgt Ion: 93 Resp: 118576

Ion Ratio Lower Upper

93 100

66 38.7 30.1 45.1

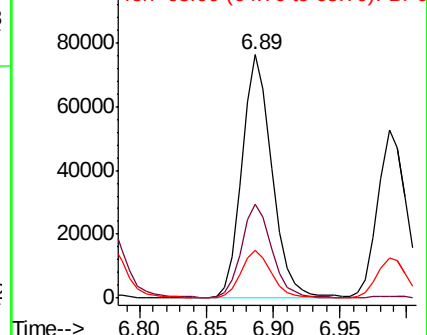
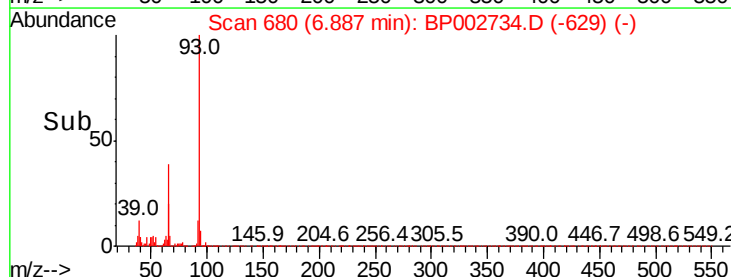
65 19.8 15.4 23.2

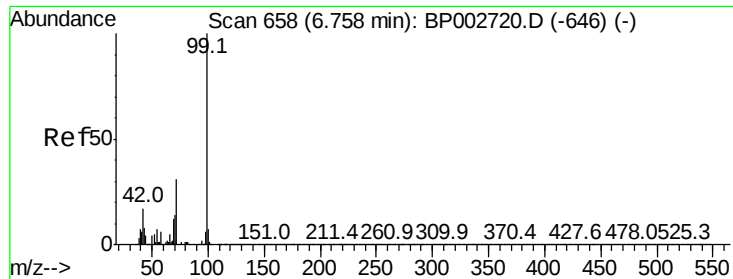


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 95.803 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002734.D

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BNA_P

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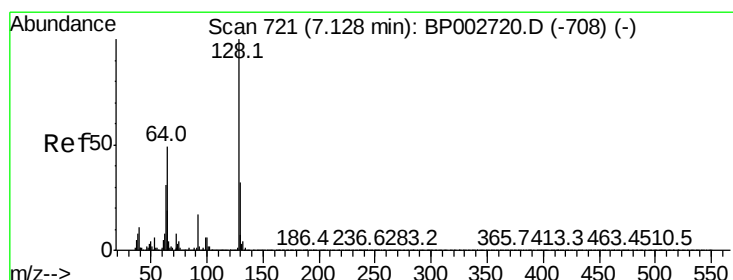
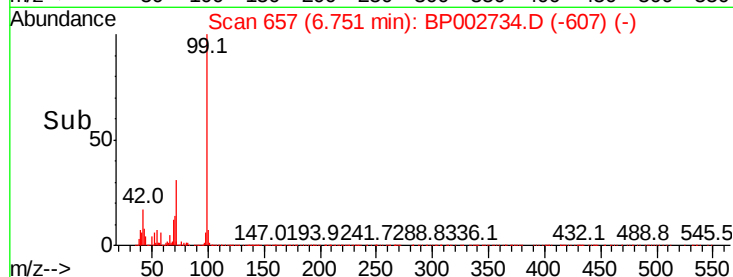
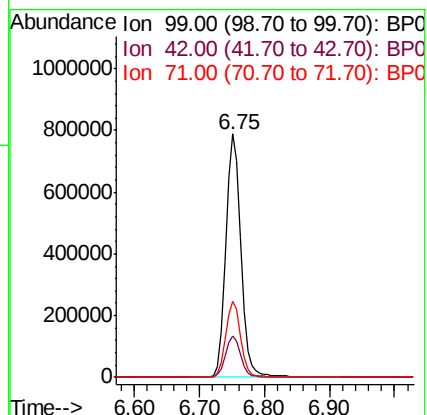
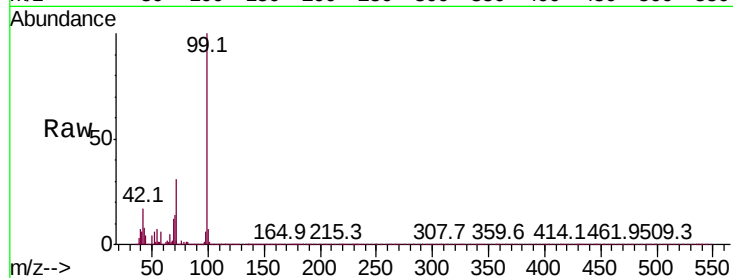
Tot Ion: 99 Resp: 1271460

Ion Ratio Lower Upper

99 100

42 17.1 13.4 20.2

71 31.3 24.6 36.8



#8

2-Chlorophenol

Concen: 7.130 ng

RT: 7.12 min Scan# 720

Delta R.T. -0.01 min

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Acq: 13 Jul 2020 14:05

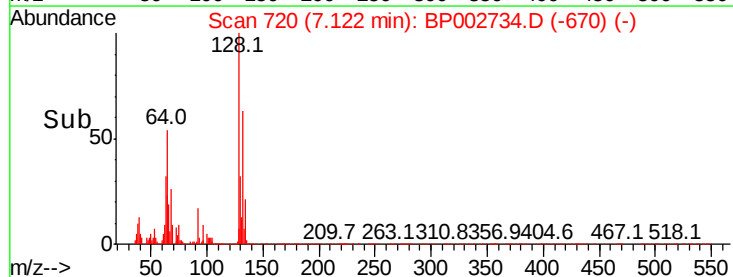
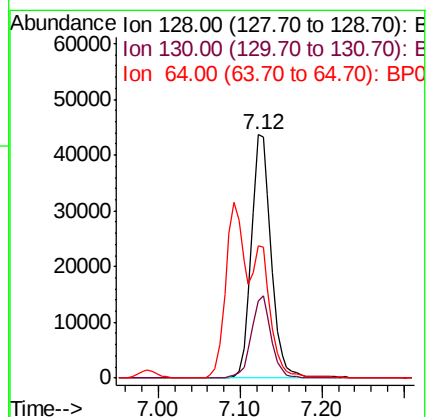
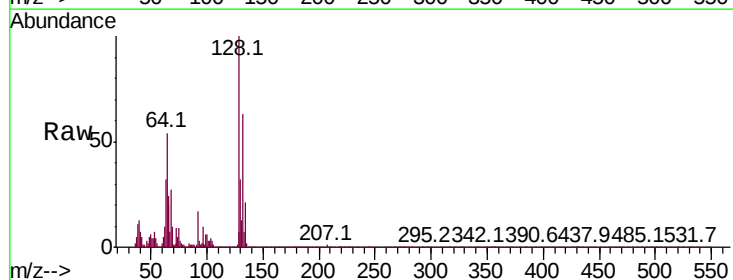
Tgt Ion: 128 Resp: 73772

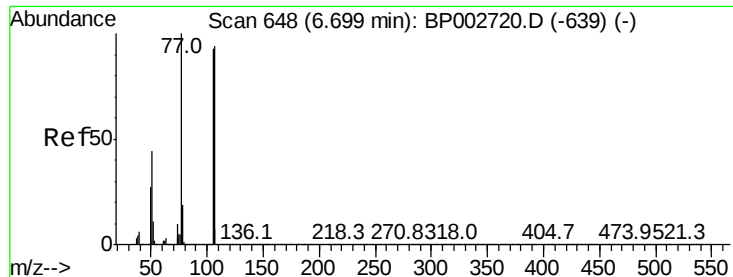
Ion Ratio Lower Upper

128 100

130 31.5 12.2 52.2

64 54.5 28.8 68.8

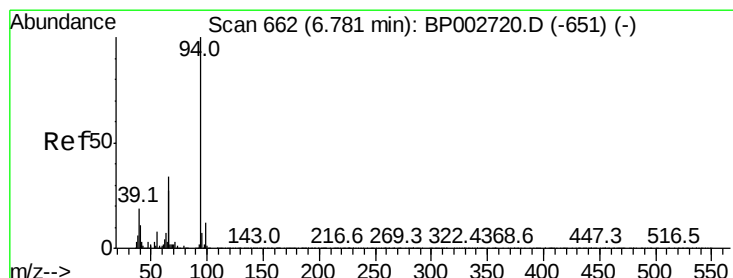
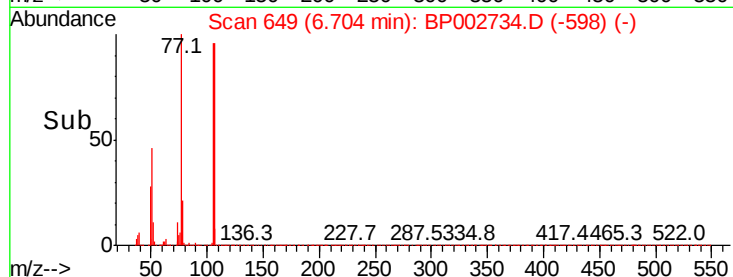
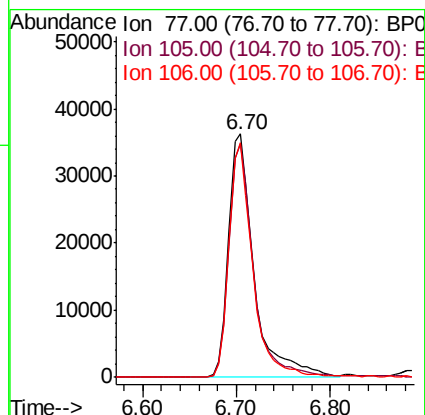
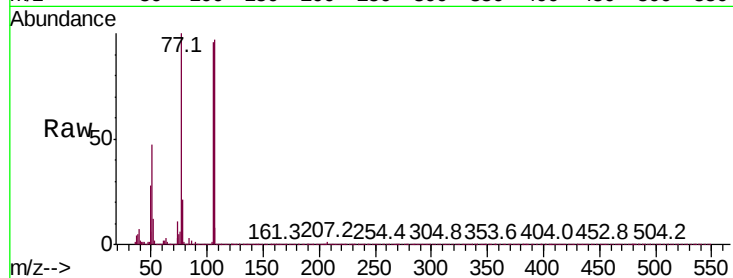




#9
Benzaldehyde
Concen: 9.417 ng
RT: 6.70 min Scan# 649
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

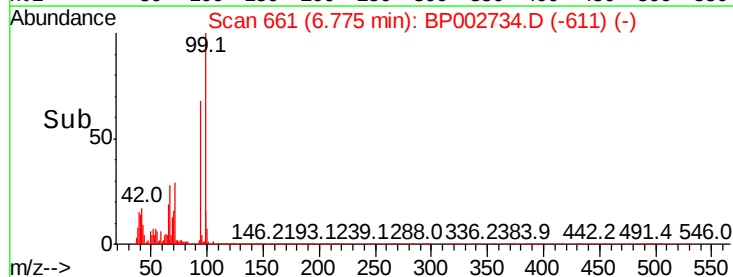
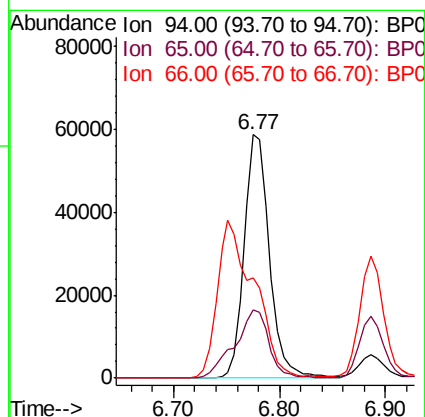
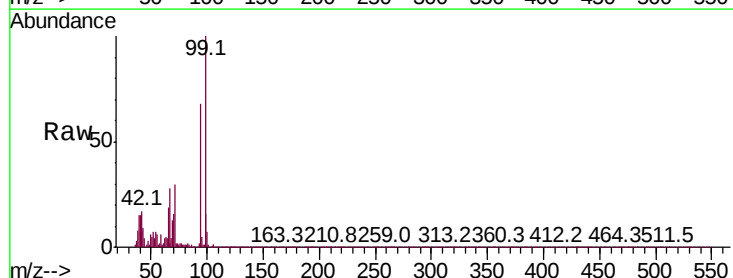
Instrument :
BNA_P
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LOD-MDL-WATER-01-QT3-2020

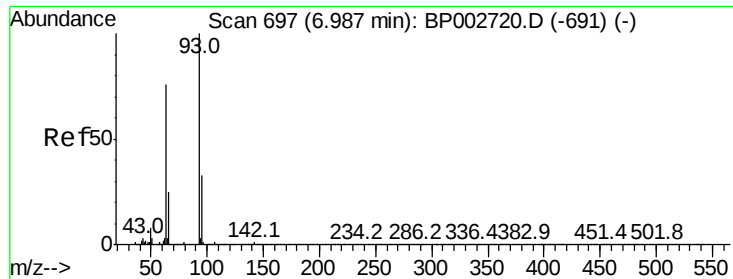
Tot Ion: 77 Resp: 67902
Ion Ratio Lower Upper
77 100
105 96.1 73.2 113.2
106 96.6 73.6 113.6



#10
Phenol
Concen: 7.137 ng
RT: 6.77 min Scan# 661
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion: 94 Resp: 97034
Ion Ratio Lower Upper
94 100
65 28.2 7.0 47.0
66 41.2 13.7 53.7

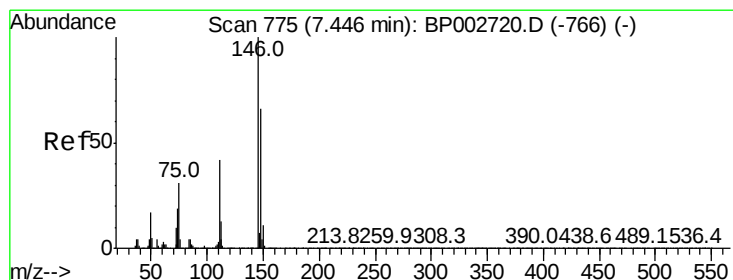
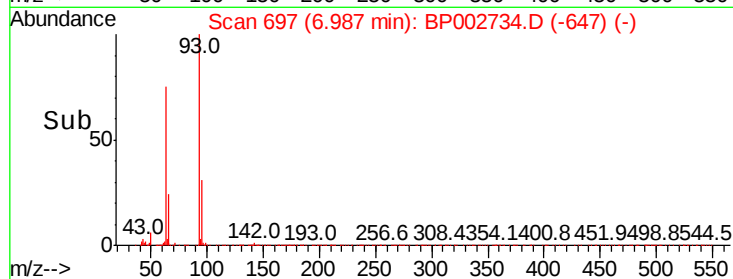
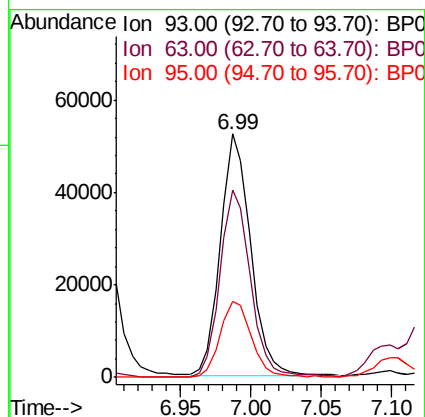
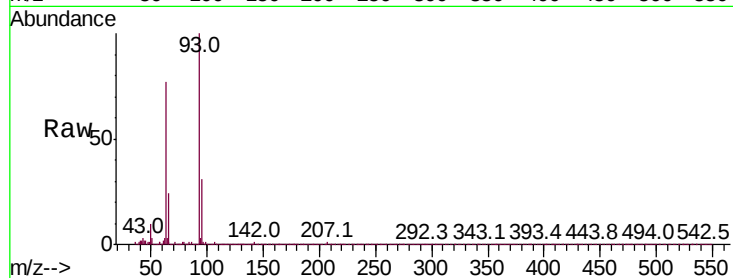




#11
bis(2-Chloroethyl)ether
Concen: 6.915 ng
RT: 6.99 min Scan# 697
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

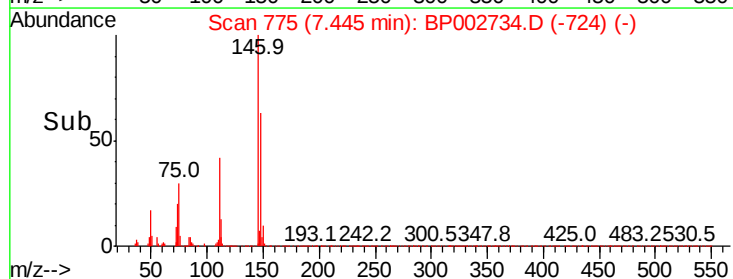
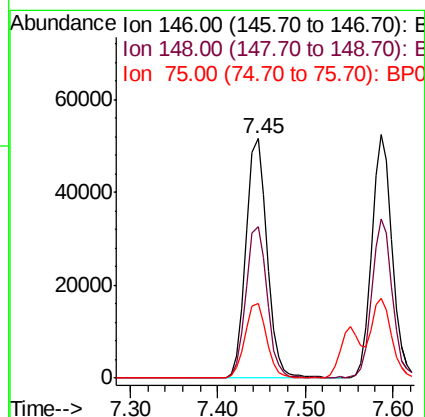
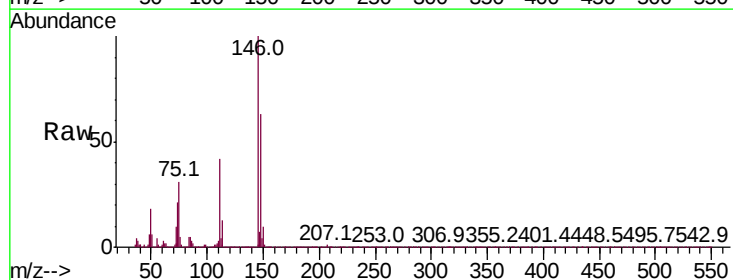
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

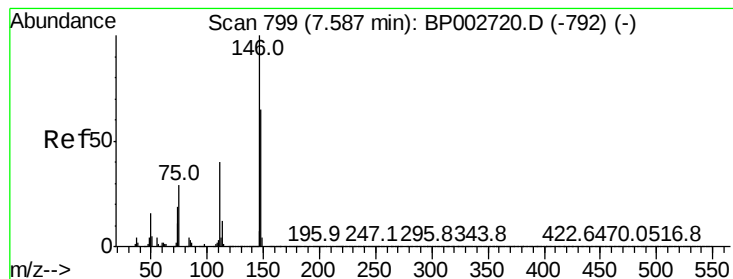
Tot Ion: 93 Resp: 78196
Ion Ratio Lower Upper
93 100
63 76.8 55.1 95.1
95 31.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 7.030 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion: 146 Resp: 83399
Ion Ratio Lower Upper
146 100
148 63.4 52.6 78.8
75 31.4 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 7.157 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

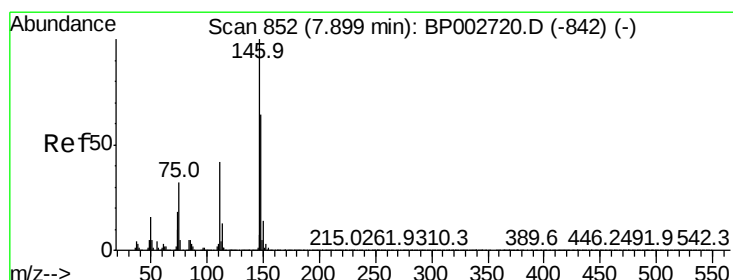
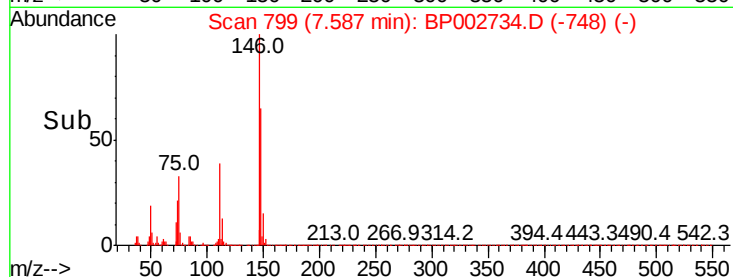
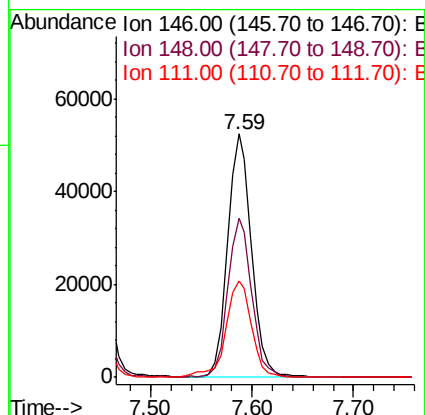
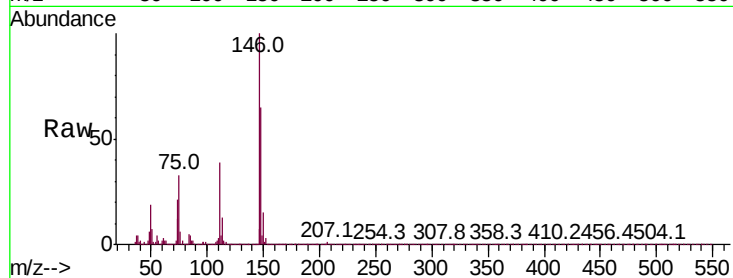
Tot Ion:146 Resp: 85208

Ion Ratio Lower Upper

146 100

148 65.4 52.1 78.1

111 39.3 32.2 48.2



#14

1,2-Dichlorobenzene

Concen: 7.131 ng

RT: 7.90 min Scan# 852

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

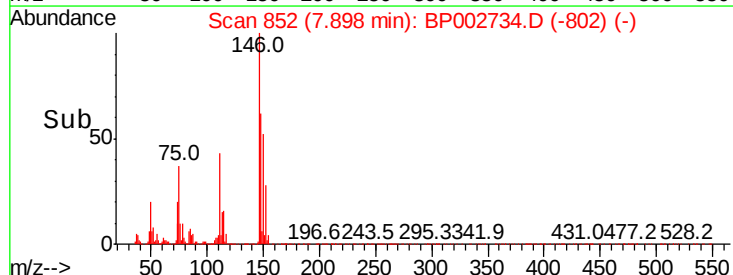
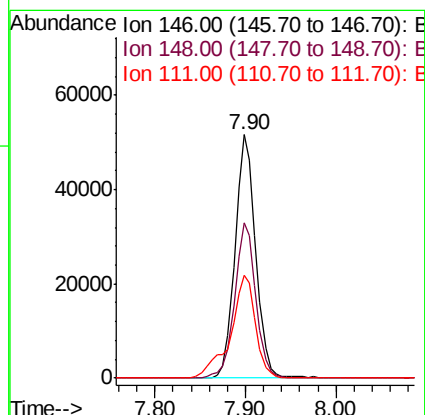
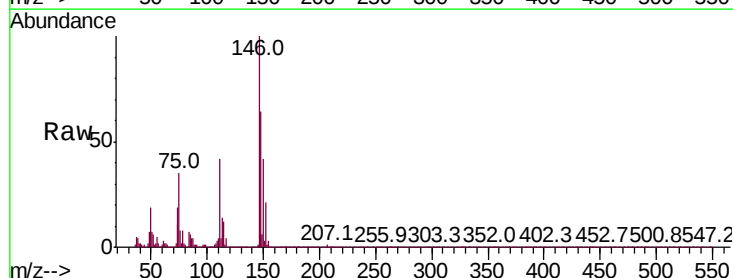
Tgt Ion:146 Resp: 81880

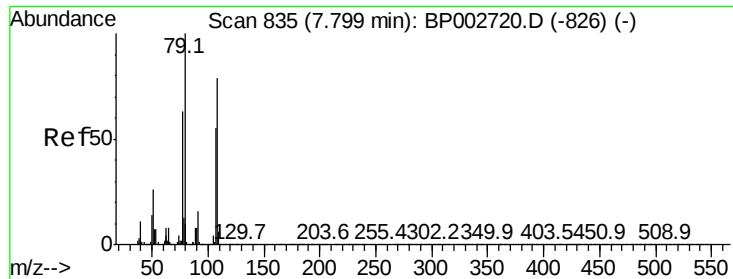
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 42.3 33.9 50.9





#15

Benzyl Alcohol

Concen: 6.121 ng

RT: 7.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

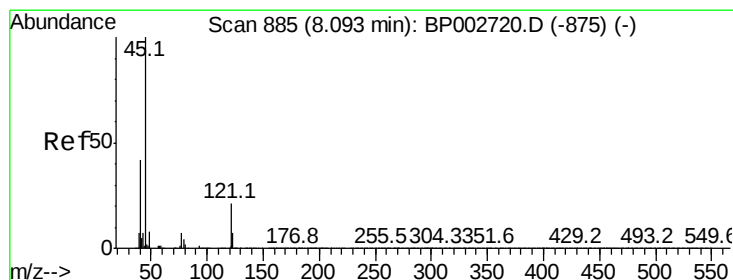
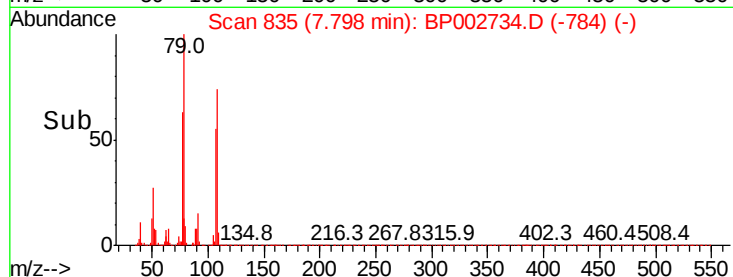
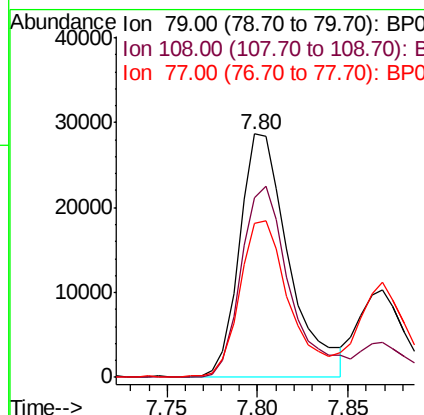
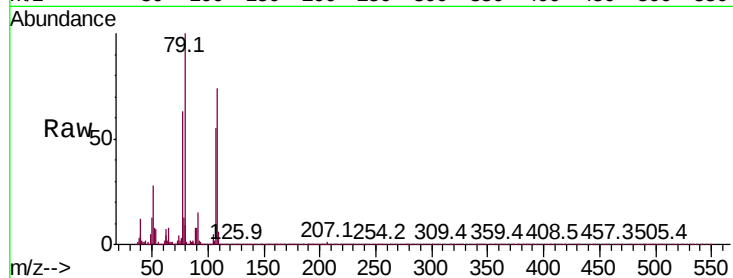
Tot Ion: 79 Resp: 54360

Ion Ratio Lower Upper

79 100

108 74.0 63.1 94.7

77 63.1 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.904 ng

RT: 8.09 min Scan# 884

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

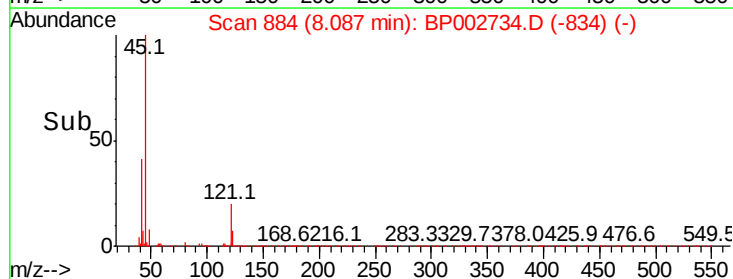
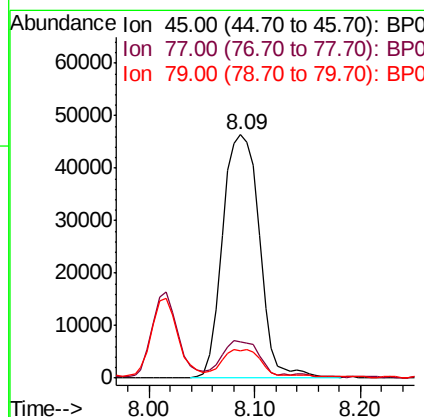
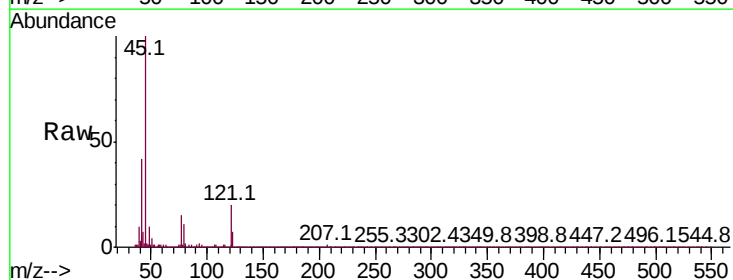
Tgt Ion: 45 Resp: 112283

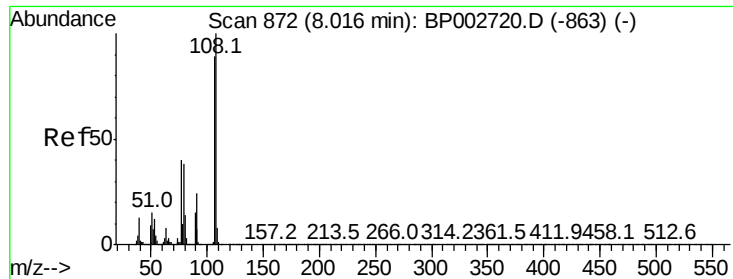
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.8

79 11.2 0.0 31.6

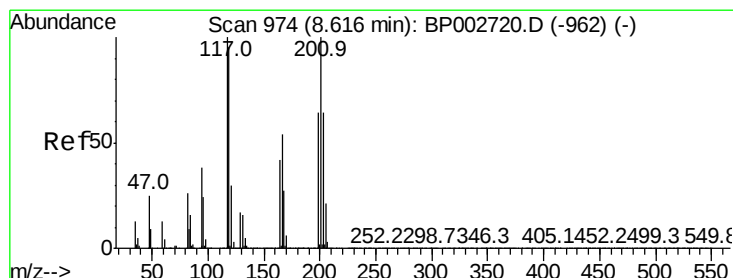
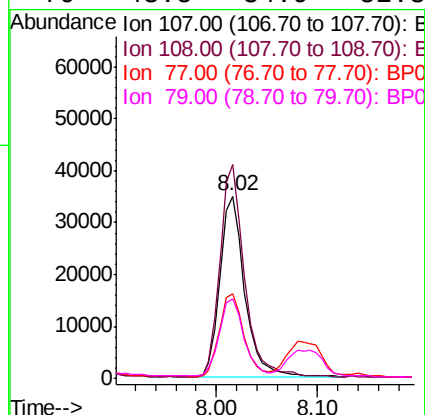
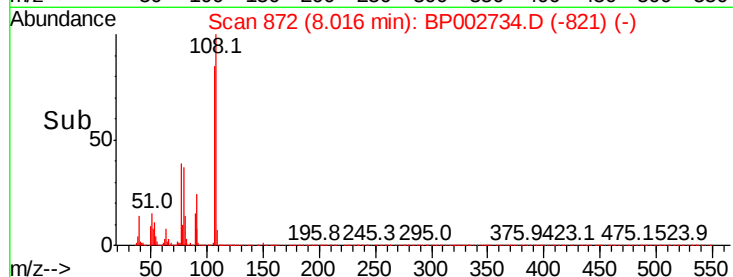
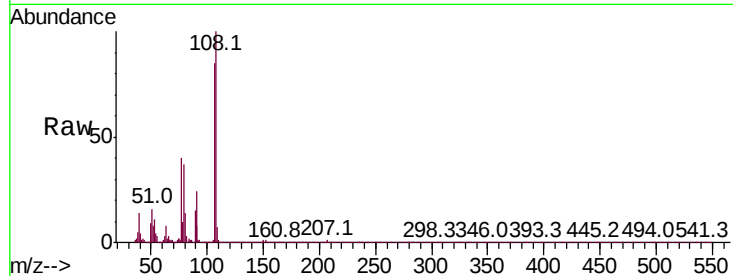




#17
2-Methylphenol
Concen: 6.214 ng
RT: 8.02 min Scan# 872
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

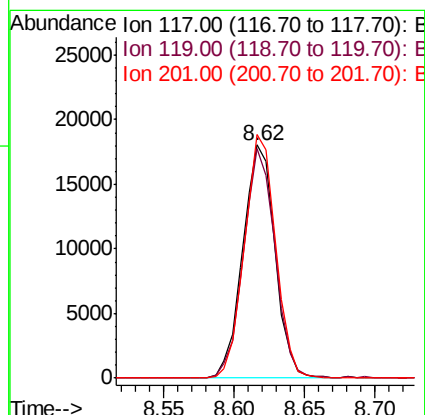
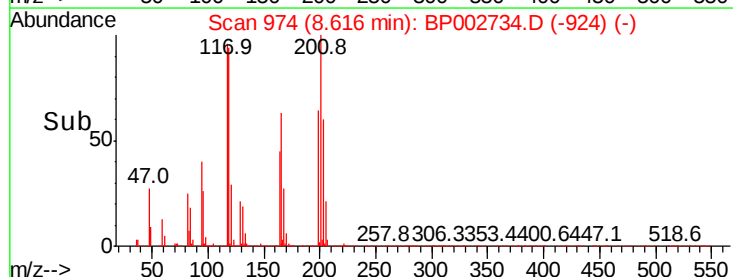
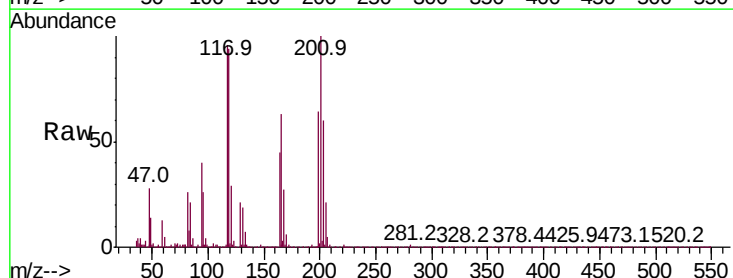
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

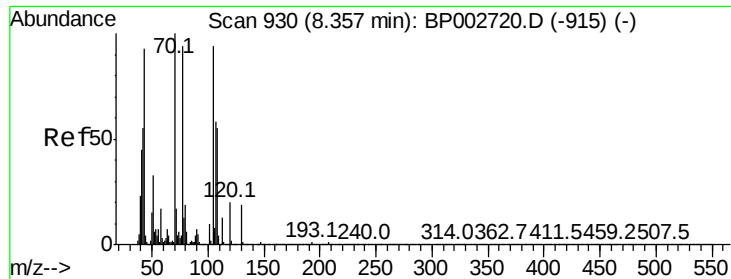
Tot Ion:	107	Resp:	60187
Ion	Ratio	Lower	Upper
107	100		
108	117.3	89.9	134.9
77	46.7	36.6	54.8
79	43.5	34.9	52.3



#18
Hexachloroethane
Concen: 6.835 ng
RT: 8.62 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion:	117	Resp:	28825
Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.6	115.0
201	104.4	80.3	120.5

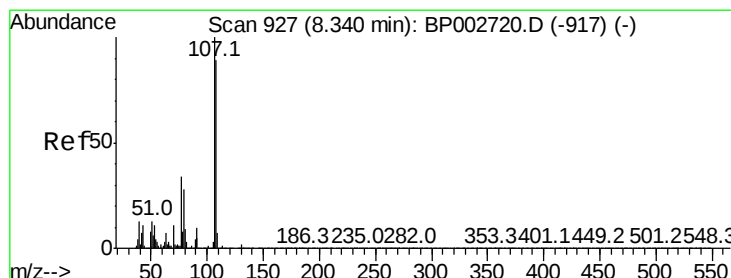
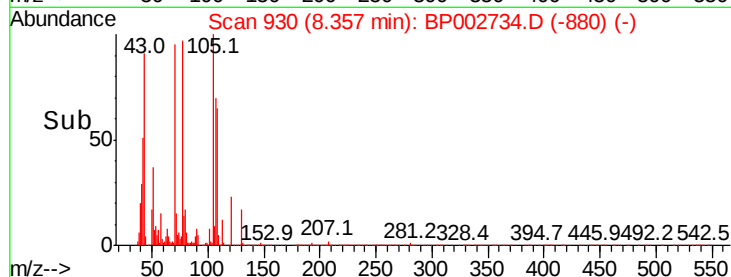
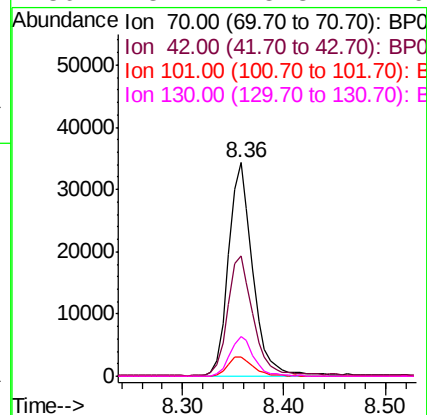
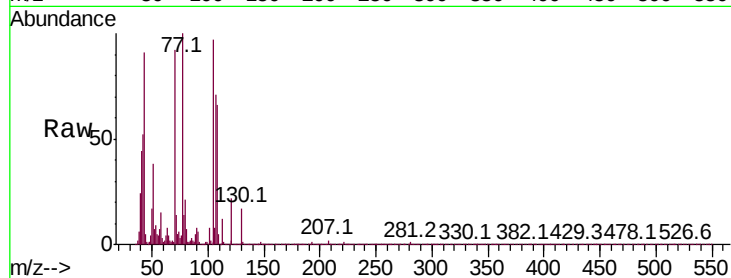




#19
n-Nitroso-di-n-propylamine
Concen: 7.006 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

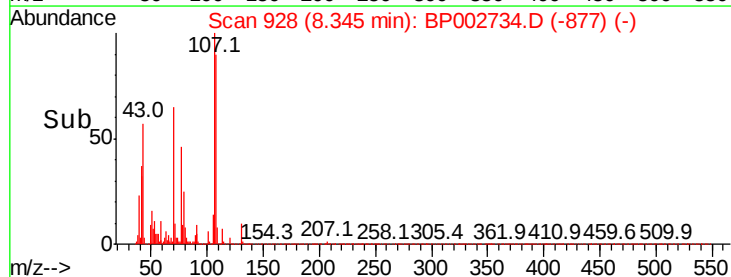
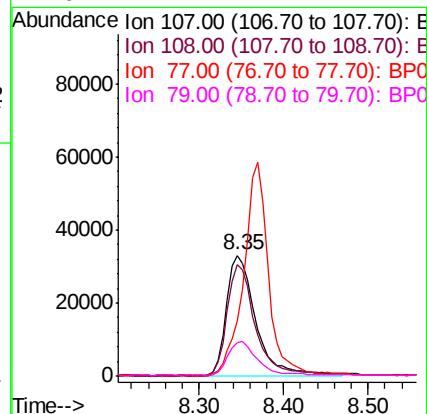
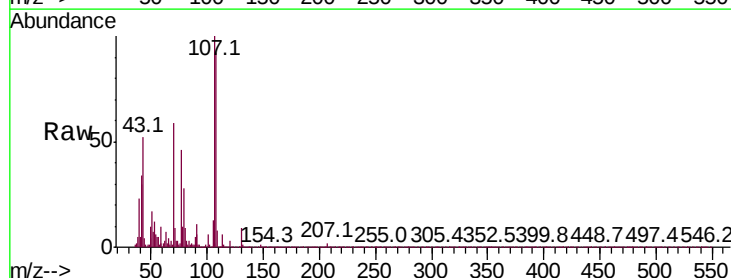
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

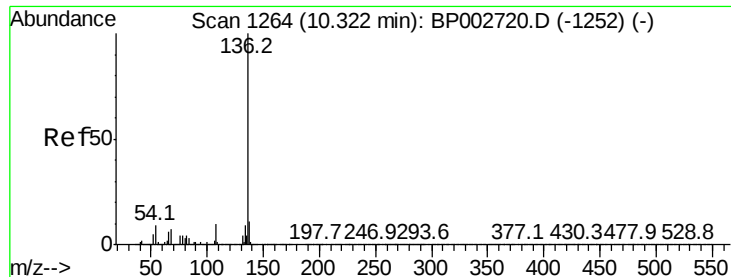
Tot Ion:	70	Resp:	56623
Ion	Ratio	Lower	Upper
70	100		
42	56.1	44.2	66.4
101	8.9	7.7	11.5
130	18.4	15.3	22.9



#20
3+4-Methylphenols
Concen: 6.158 ng
RT: 8.35 min Scan# 928
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion:	107	Resp:	78864
Ion	Ratio	Lower	Upper
107	100		
108	92.3	69.5	109.5
77	45.9	14.3	54.3
79	27.7	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: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:136 Resp: 643820

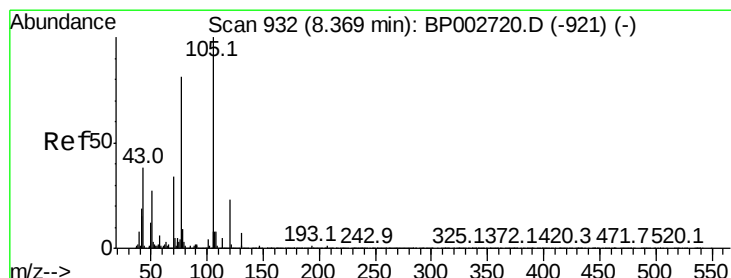
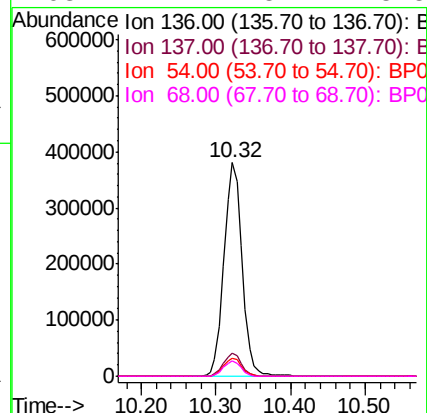
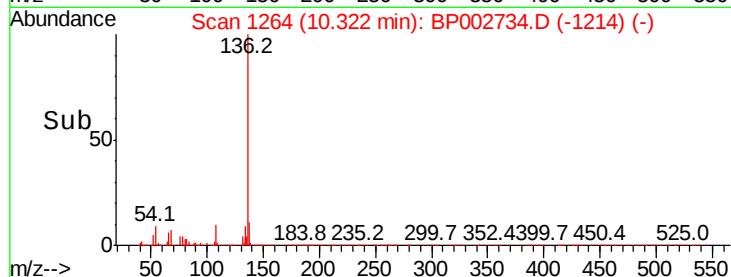
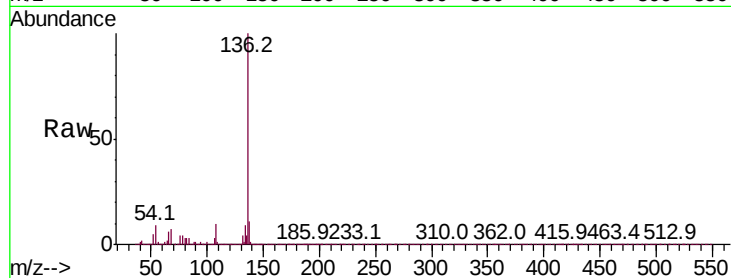
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.7 6.9 10.3

68 7.1 5.7 8.5



#22

Acetophenone

Concen: 7.447 ng

RT: 8.37 min Scan# 932

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Tgt Ion:105 Resp: 118199

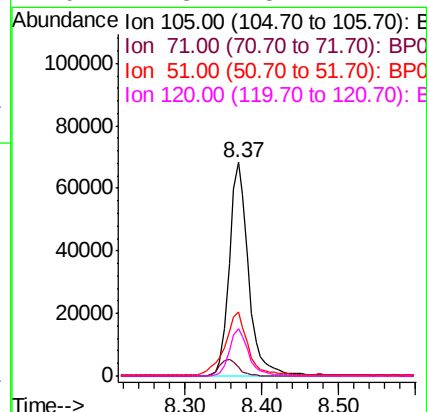
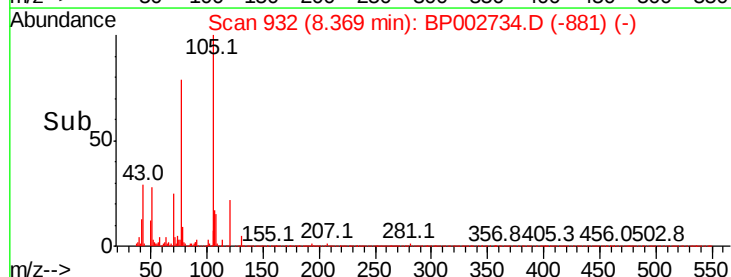
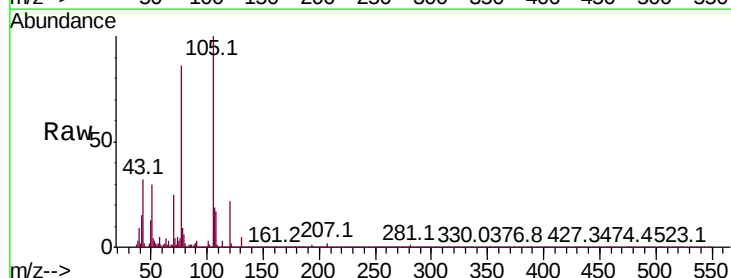
Ion Ratio Lower Upper

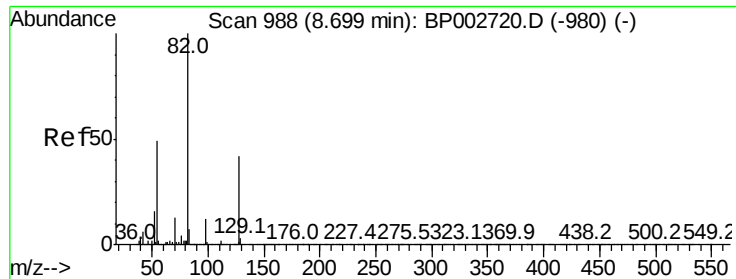
105 100

71 4.2 4.4 6.6#

51 30.2 21.8 32.8

120 22.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 74.577 ng

RT: 8.70 min Scan# 988

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

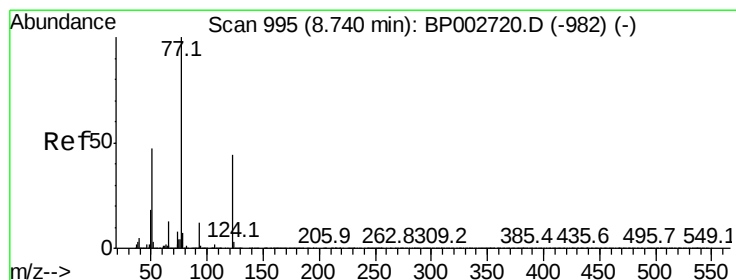
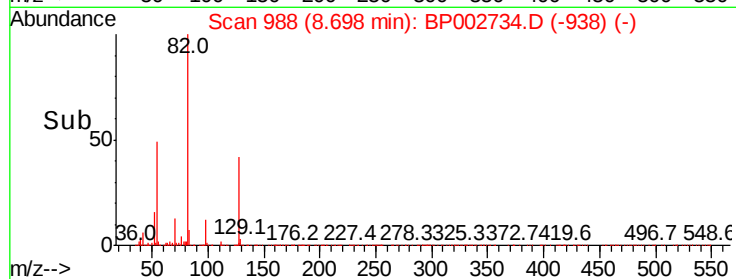
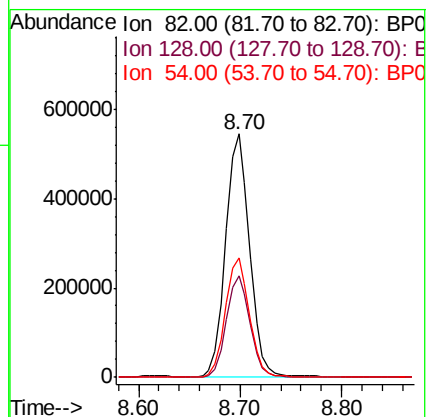
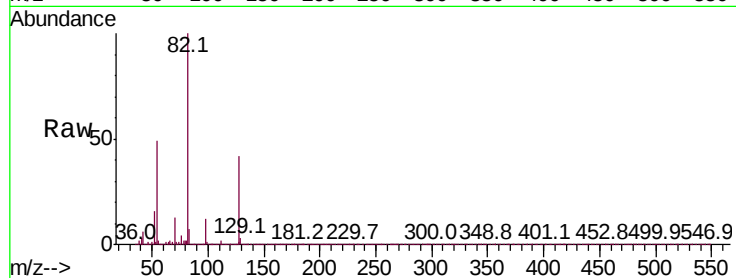
Tot Ion: 82 Resp: 897732

Ion Ratio Lower Upper

82 100

128 41.6 33.8 50.8

54 48.8 38.8 58.2



#24

Nitrobenzene

Concen: 7.035 ng

RT: 8.74 min Scan# 995

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

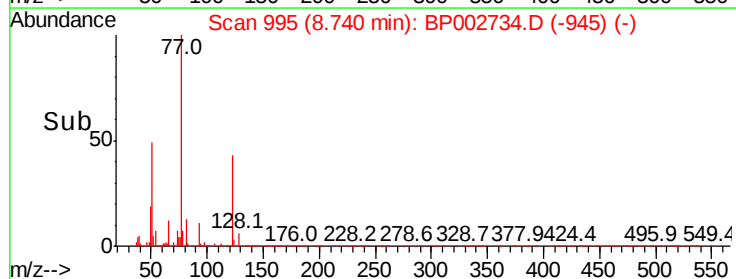
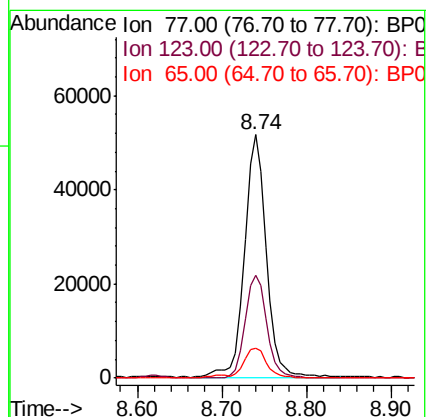
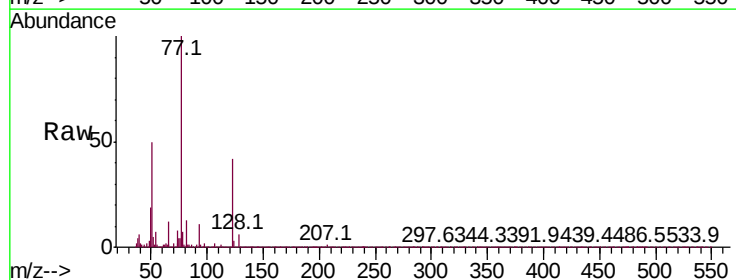
Tgt Ion: 77 Resp: 91711

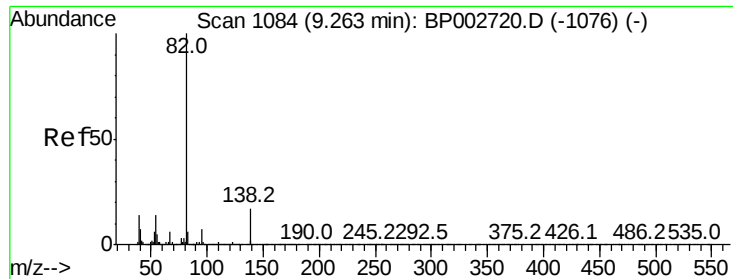
Ion Ratio Lower Upper

77 100

123 42.3 35.0 52.6

65 12.4 10.4 15.6

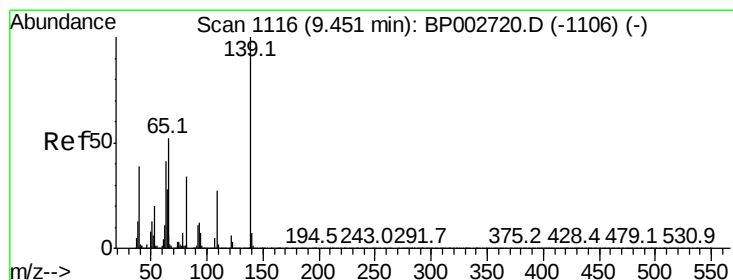
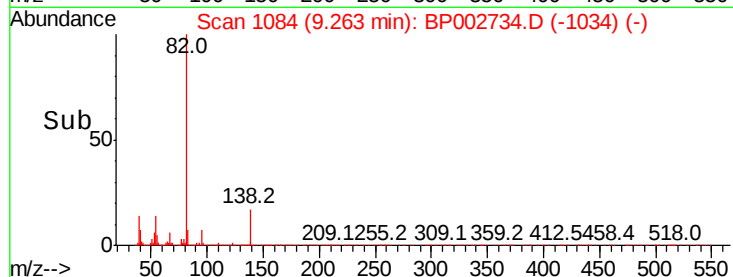
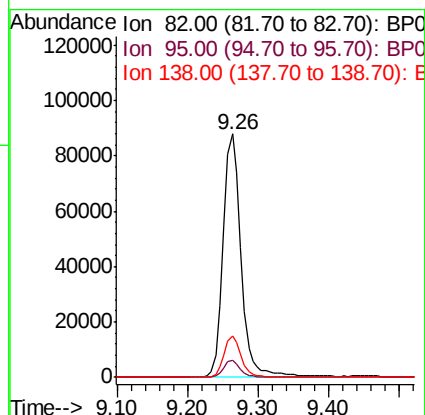
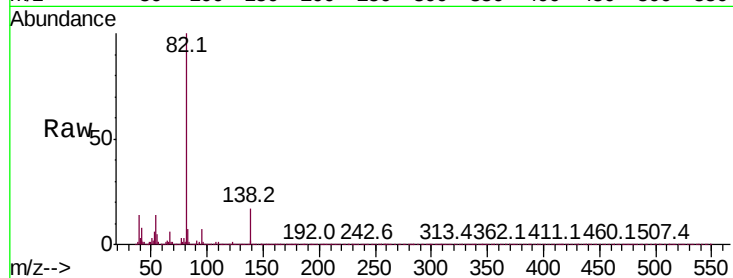




#25
Isophorone
Concen: 6.303 ng
RT: 9.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

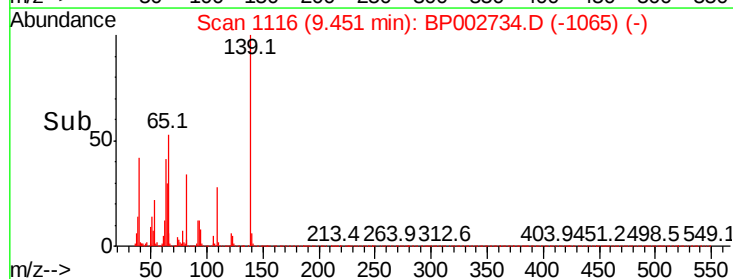
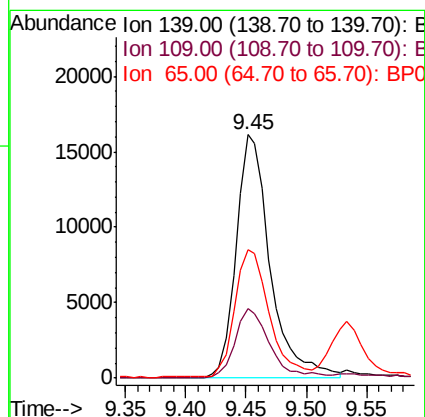
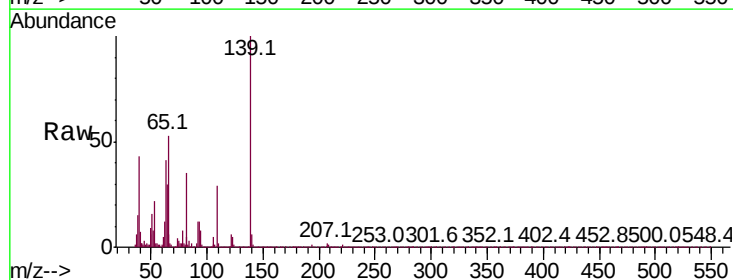
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

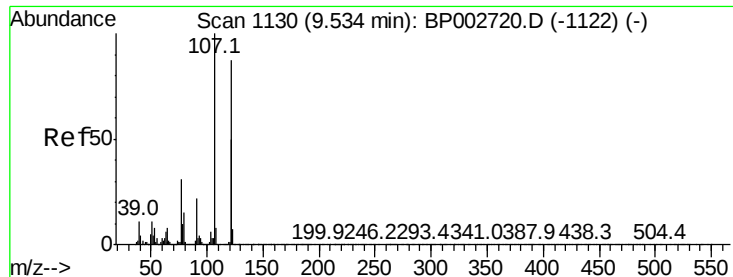
Tot Ion: 82 Resp: 154630
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 5.635 ng
RT: 9.45 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion: 139 Resp: 31727
Ion Ratio Lower Upper
139 100
109 28.5 21.9 32.9
65 52.9 41.3 61.9

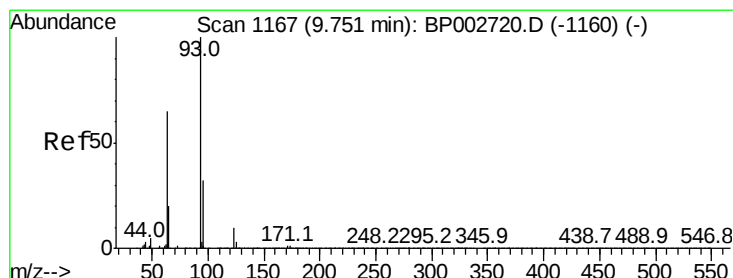
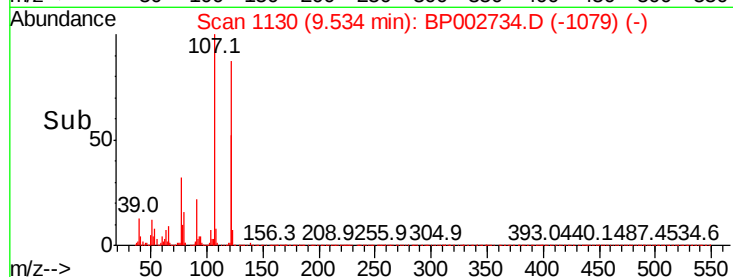
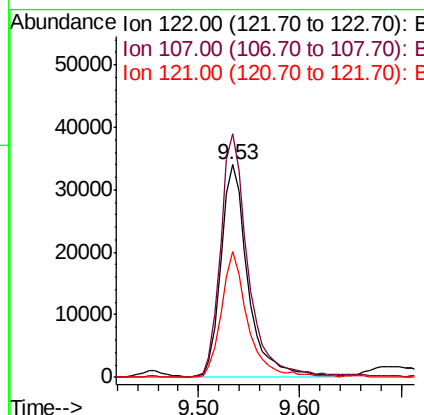
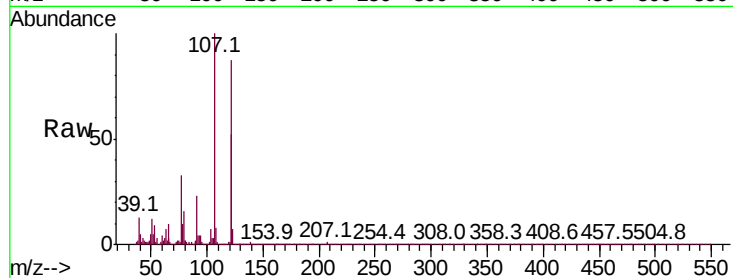




#27
2,4-Dimethylphenol
Concen: 6.870 ng
RT: 9.53 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

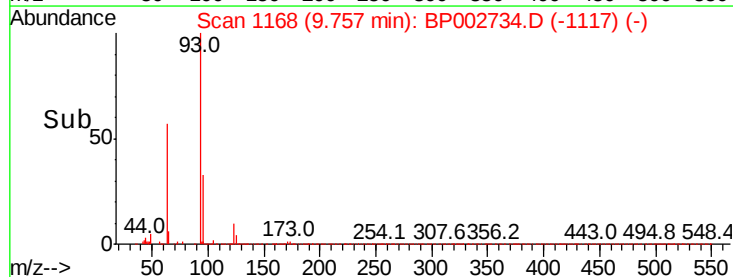
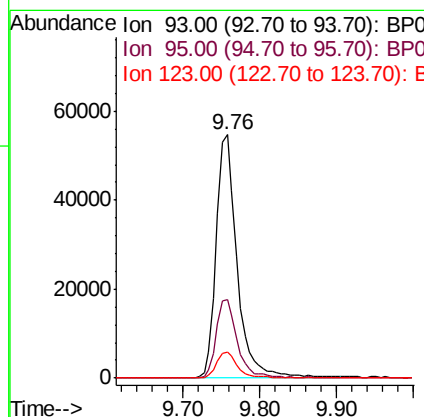
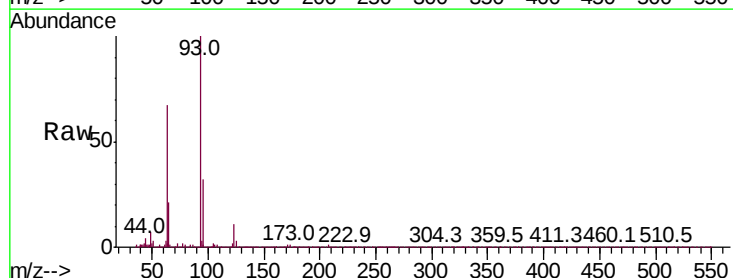
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

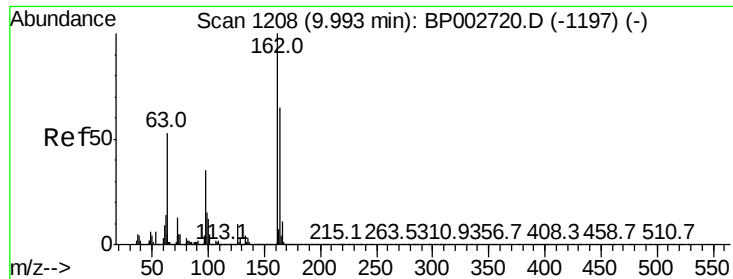
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	92.2	138.4
121	59.3	45.8	68.6



#28
bis(2-Chloroethoxy)methane
Concen: 6.825 ng
RT: 9.76 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	10.9	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 6.178 ng

RT: 10.00 min Scan# 1210

Delta R.T. 0.01 min

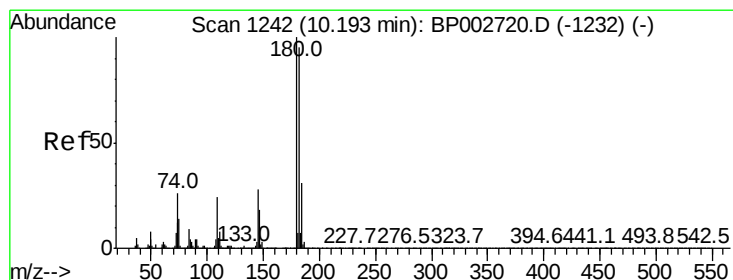
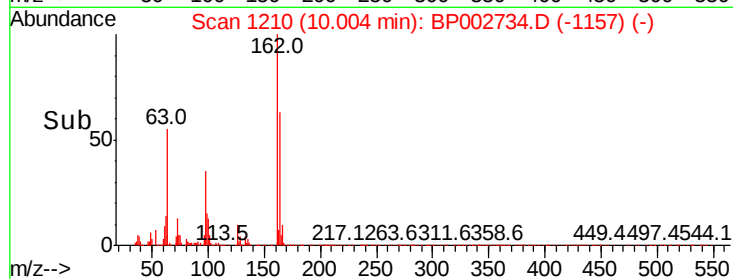
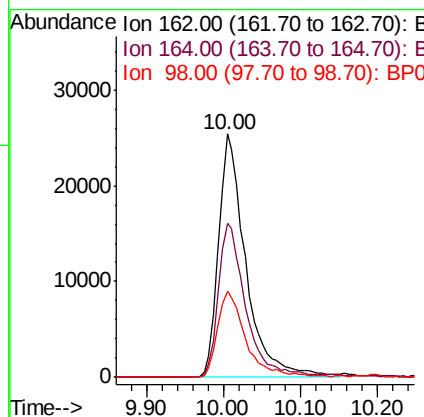
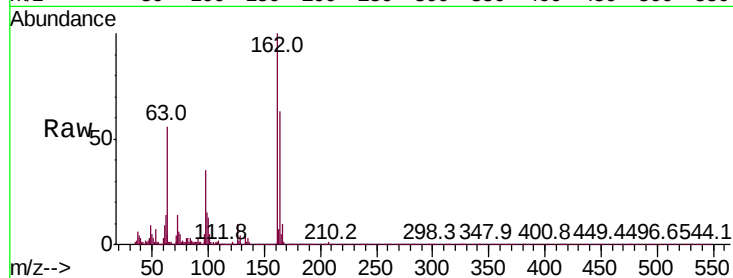
Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:162 Resp: 62264

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.5	84.5
98	35.4	15.2	55.2



#30

1,2,4-Trichlorobenzene

Concen: 6.822 ng

RT: 10.19 min Scan# 1242

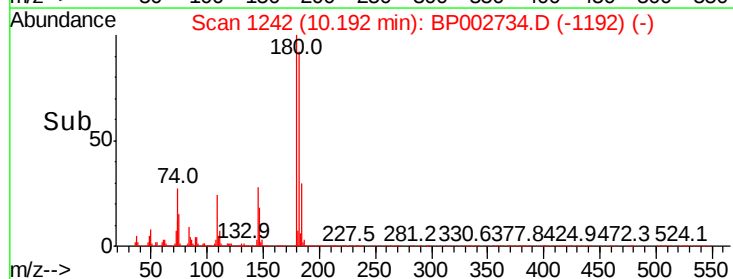
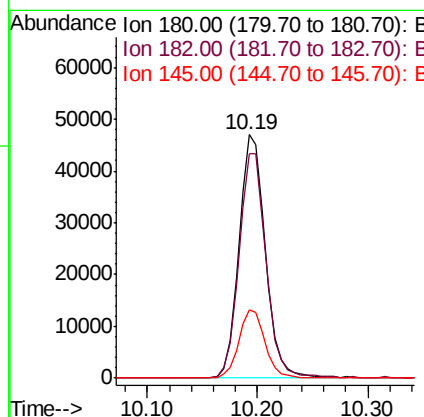
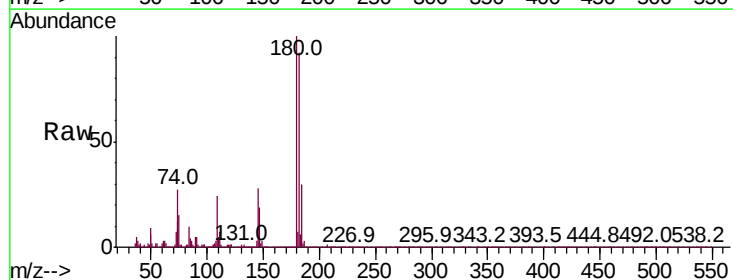
Delta R.T. -0.01 min

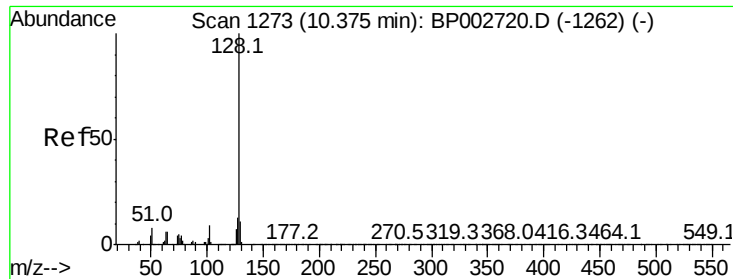
Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Tgt Ion:180 Resp: 78753

Ion	Ratio	Lower	Upper
180	100		
182	92.1	75.8	113.6
145	28.3	22.6	34.0

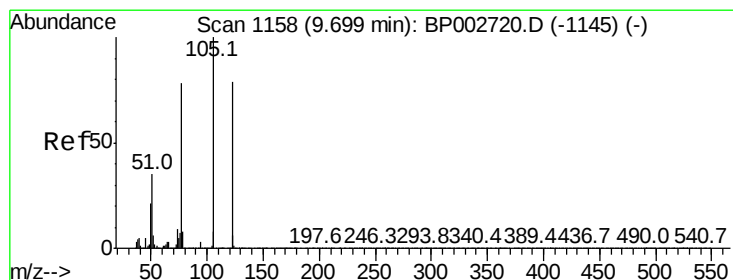
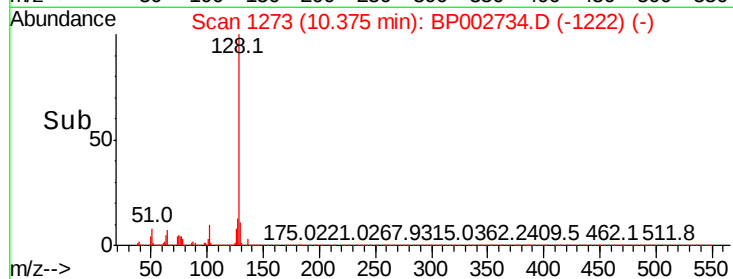
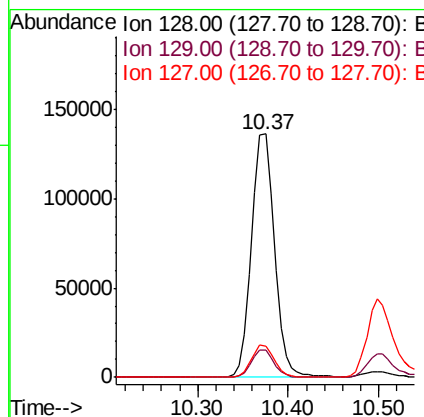
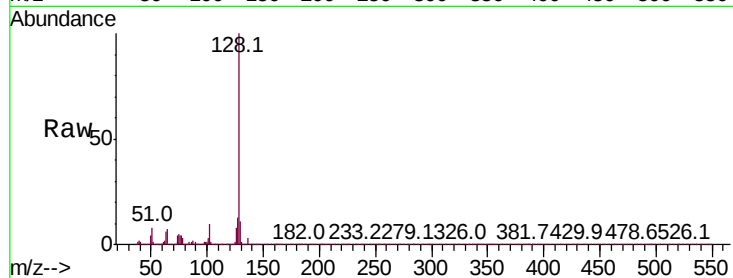




#31
Naphthalene
Concen: 7.083 ng
RT: 10.37 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

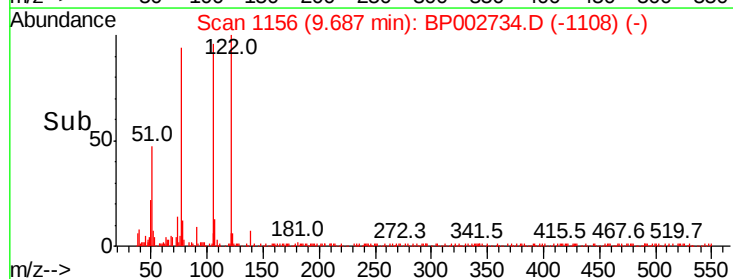
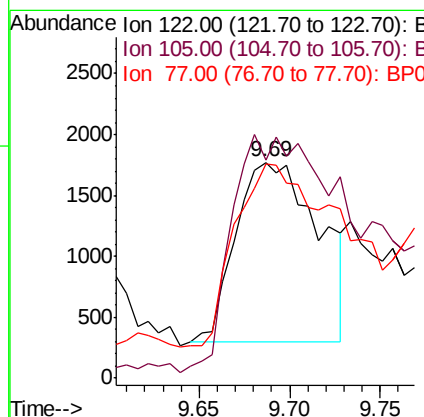
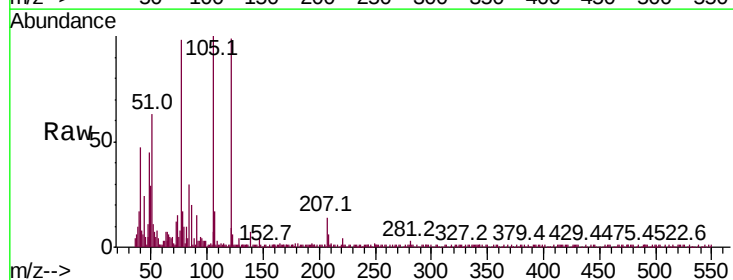
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

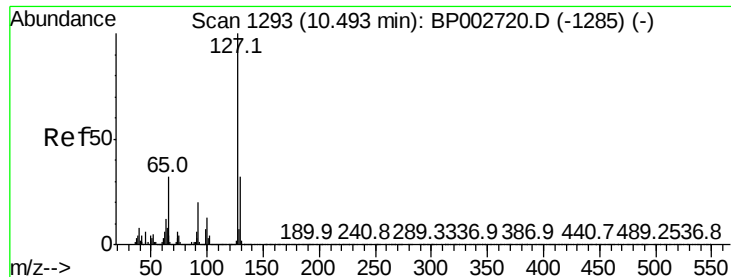
Tot Ion:128 Resp: 240753
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 7.627 ng
RT: 9.69 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion:122 Resp: 4687
Ion Ratio Lower Upper
122 100
105 101.2 105.4 145.4#
77 99.4 78.5 118.5

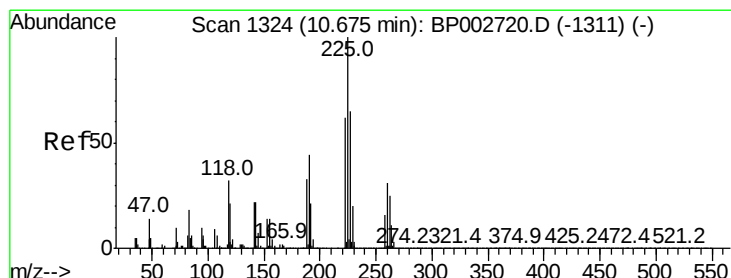
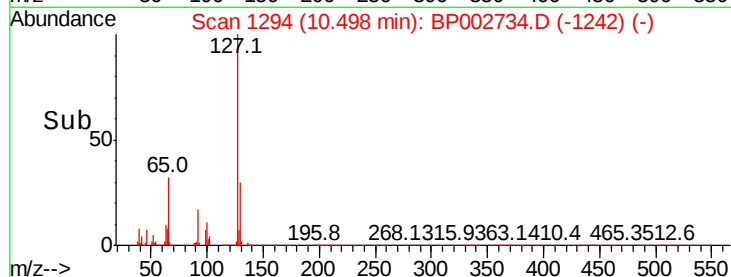
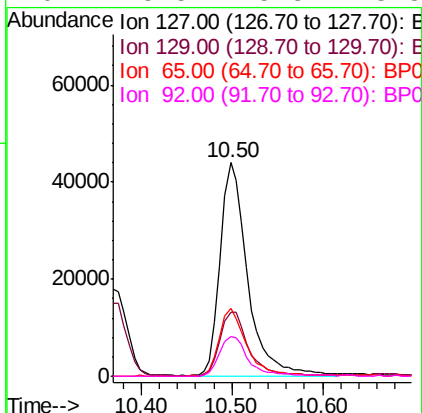
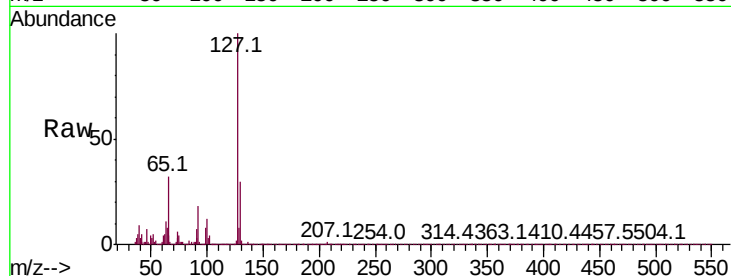




#33
4-Chloroaniline
Concen: 6.353 ng
RT: 10.50 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

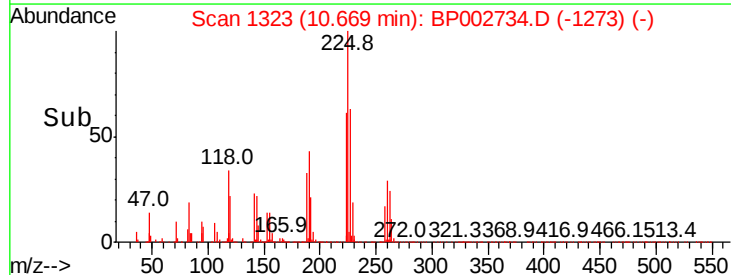
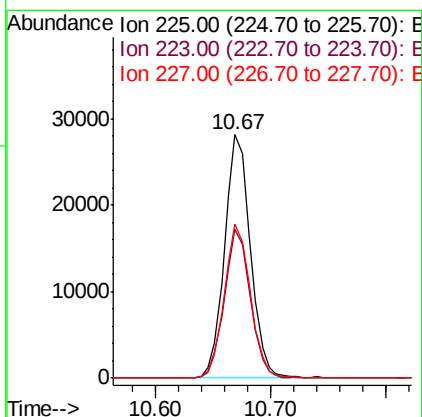
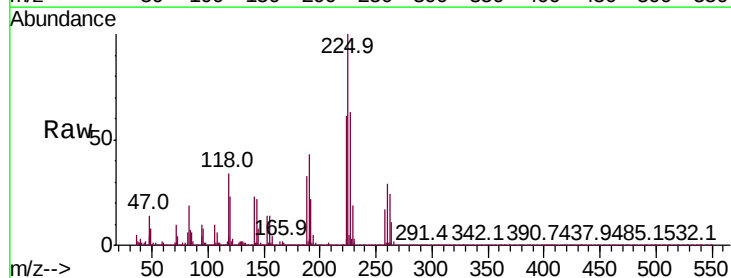
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

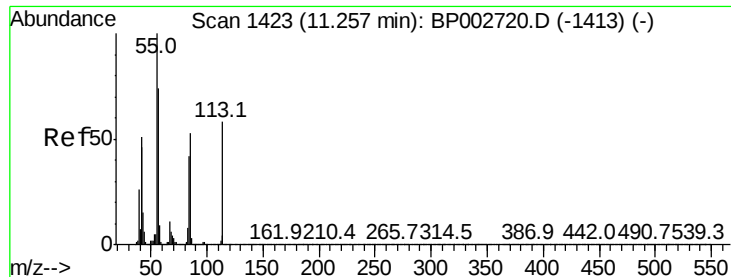
Tot Ion:	127	Resp:	92530
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.3	37.9
65	31.9	25.4	38.2
92	18.5	15.8	23.8



#34
Hexachlorobutadiene
Concen: 6.537 ng
RT: 10.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion:	225	Resp:	43620
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.9	74.9
227	63.2	51.8	77.6

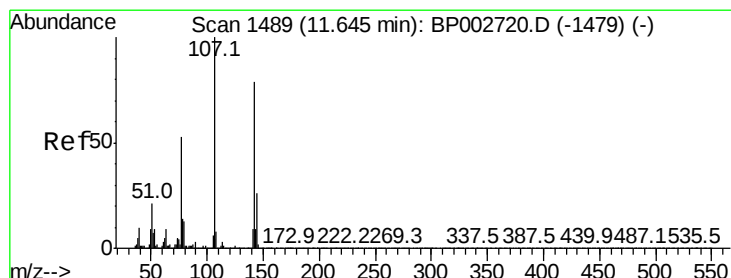
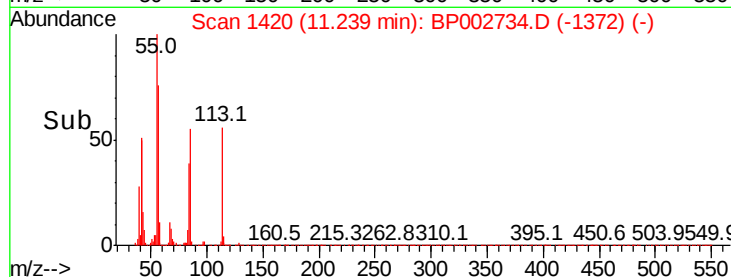
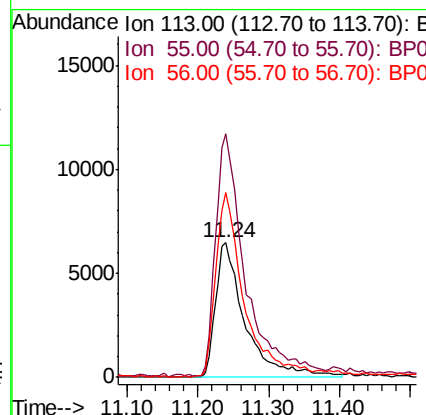
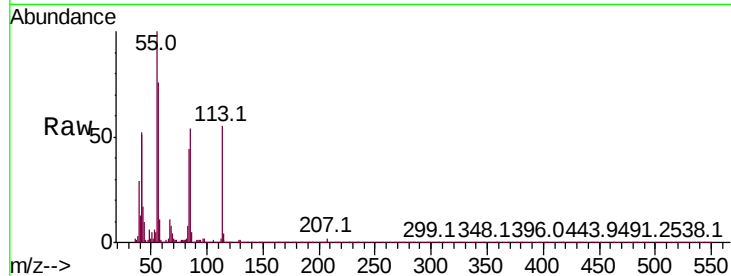




#35
Caprolactam
Concen: 5.327 ng
RT: 11.24 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

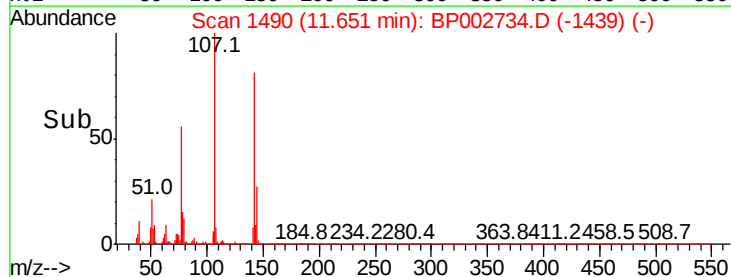
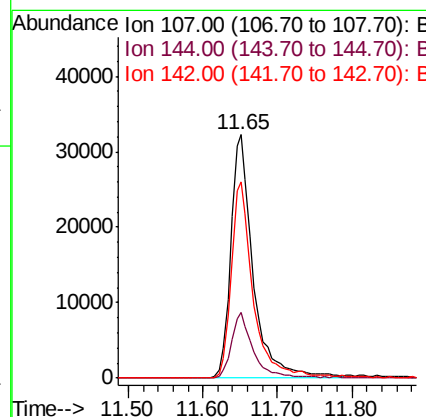
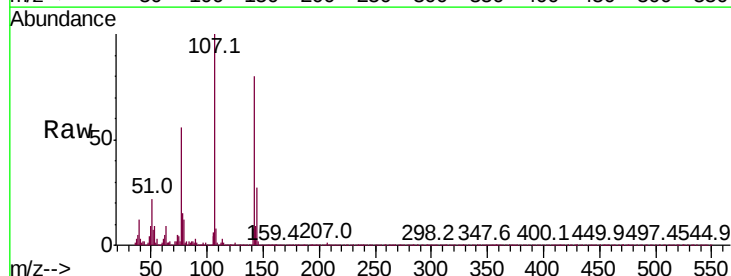
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

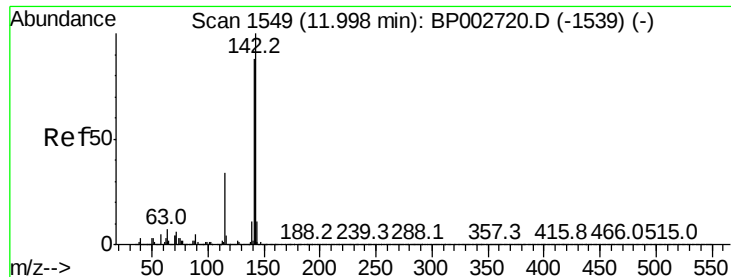
Tot Ion:113 Resp: 18772
Ion Ratio Lower Upper
113 100
55 181.0 152.8 192.8
56 137.1 107.5 147.5



#36
4-Chloro-3-methylphenol
Concen: 6.198 ng
RT: 11.65 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion:107 Resp: 67331
Ion Ratio Lower Upper
107 100
144 27.2 20.6 30.8
142 80.4 63.4 95.2

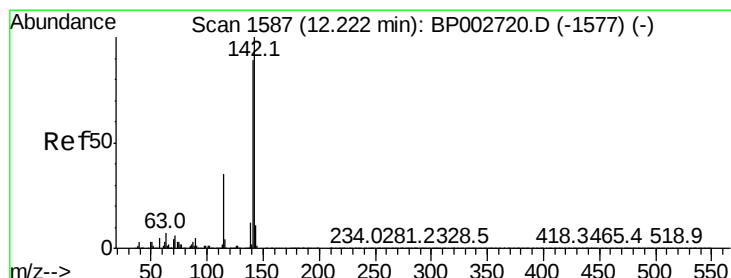
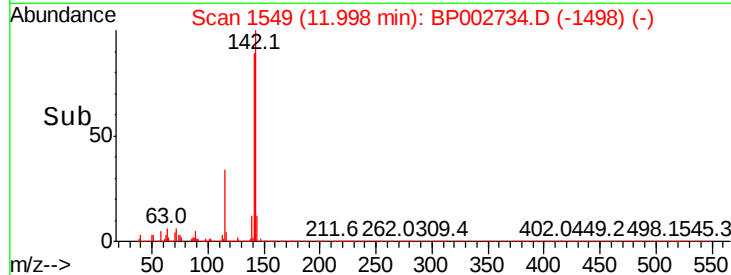
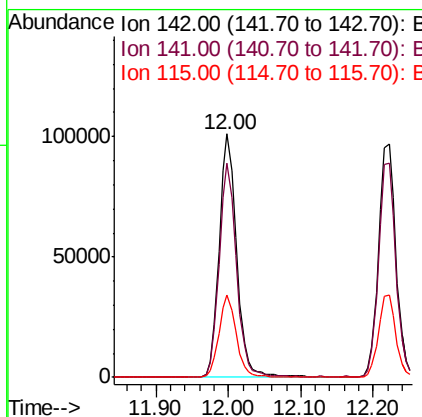
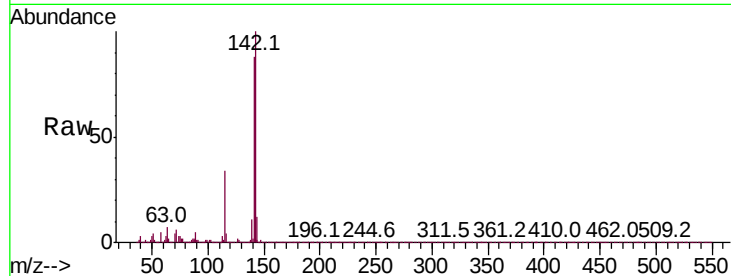




#37
2-Methylnaphthalene
Concen: 7.094 ng
RT: 12.00 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

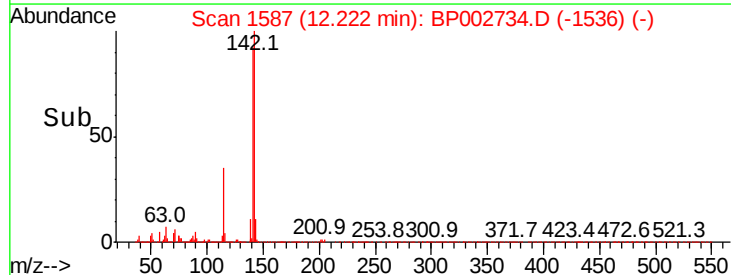
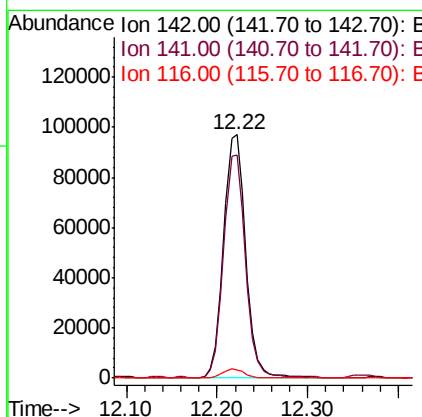
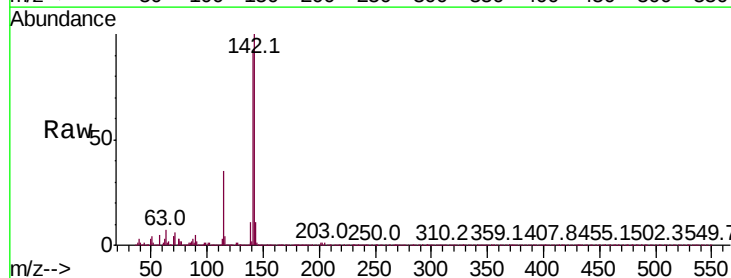
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

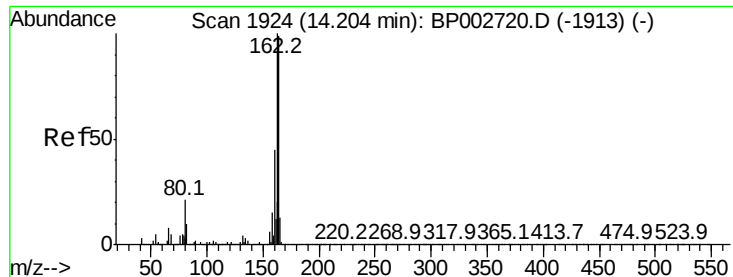
Tot Ion:142 Resp: 170151
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6
115 33.8 27.0 40.6



#38
1-Methylnaphthalene
Concen: 7.178 ng
RT: 12.22 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion:142 Resp: 162838
Ion Ratio Lower Upper
142 100
141 91.9 71.5 107.3
116 3.5 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

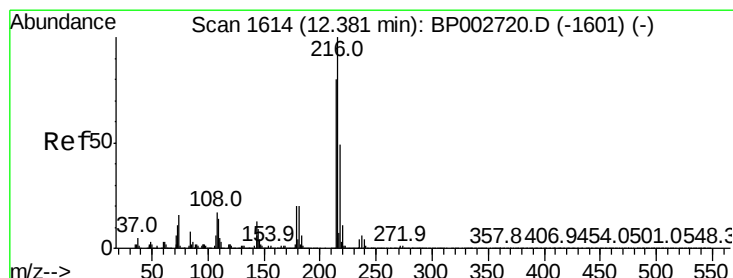
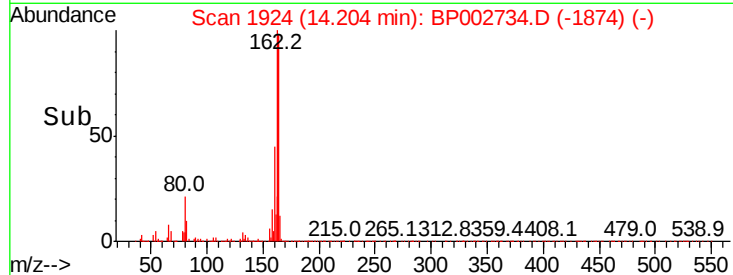
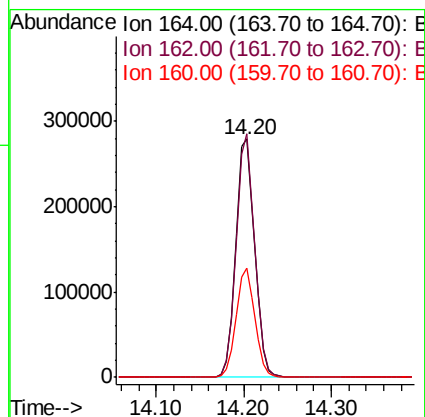
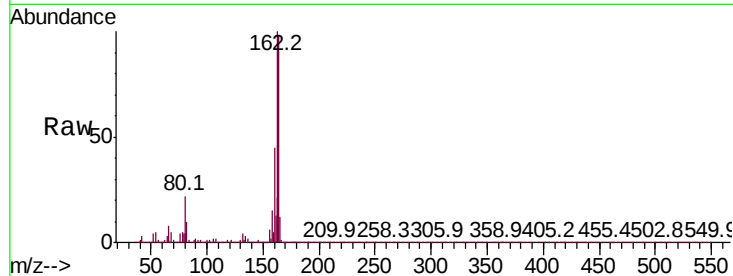
Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:164 Resp: 407475

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	121.0
160	45.9	36.4	54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.176 ng

RT: 12.38 min Scan# 1614

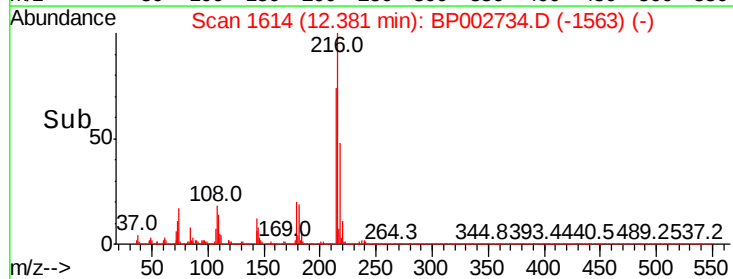
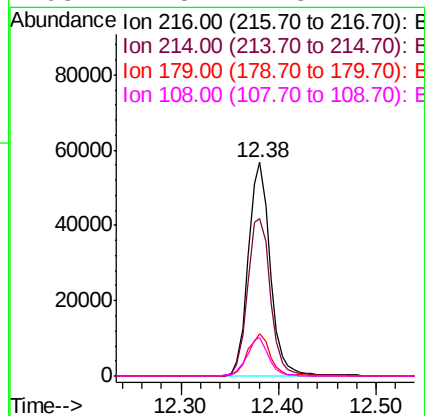
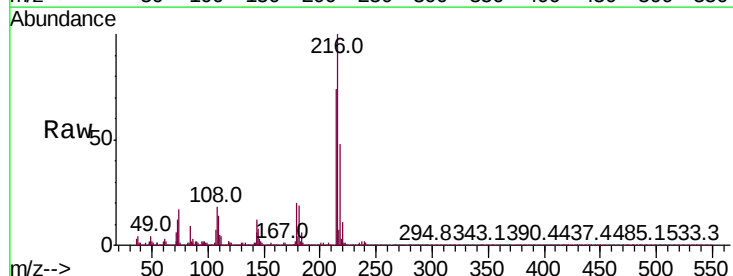
Delta R.T. -0.00 min

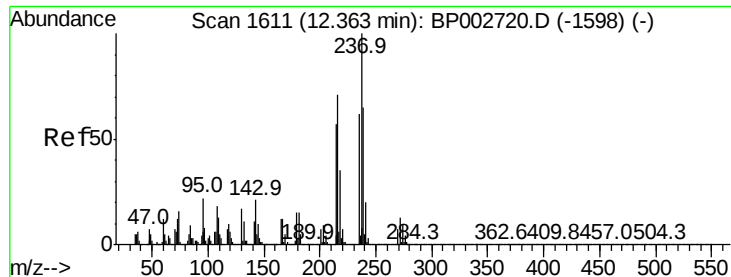
Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Tgt Ion:216 Resp: 89863

Ion	Ratio	Lower	Upper
216	100		
214	77.2	63.4	95.2
179	19.9	16.2	24.2
108	17.8	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 9.491 ng

RT: 12.36 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

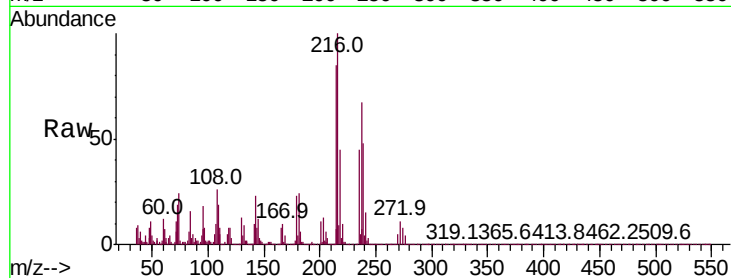
BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:237 Resp: 12581

Ion	Ratio	Lower	Upper
237	100		
235	66.7	42.3	82.3
272	16.5	0.0	32.5

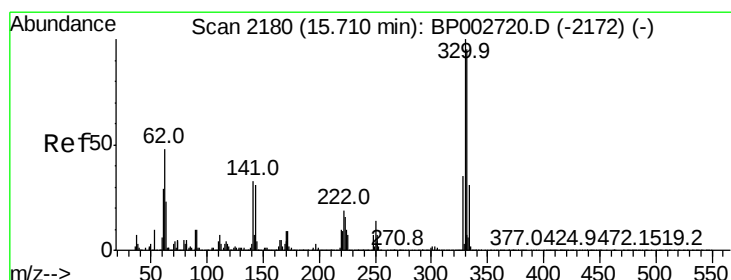
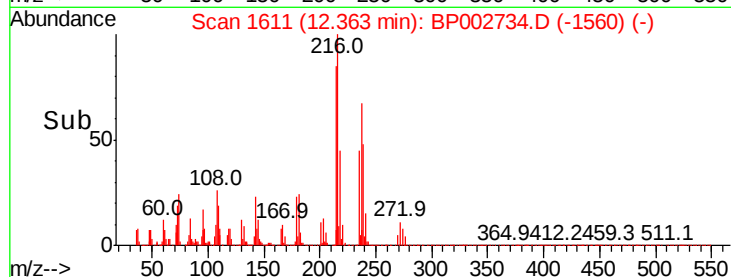
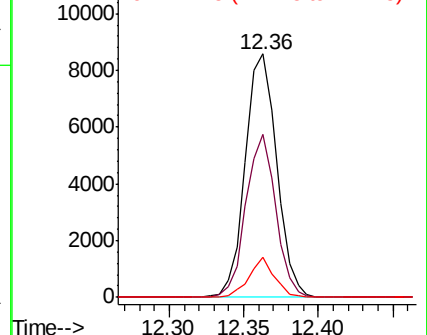


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 97.884 ng

RT: 15.70 min Scan# 2179

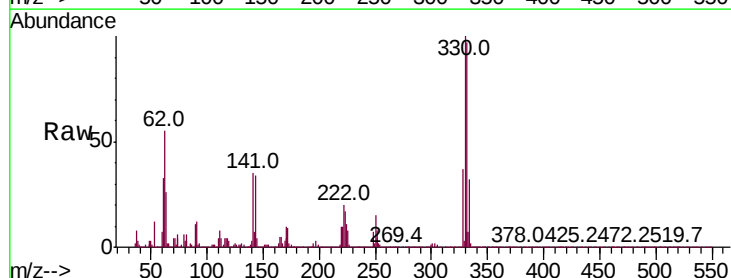
Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Tgt Ion:330 Resp: 416338

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.5	114.7
141	35.7	28.8	43.2

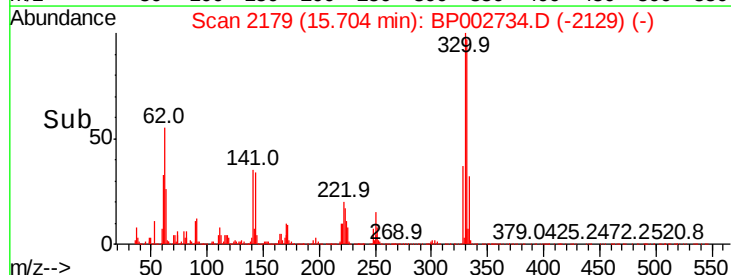
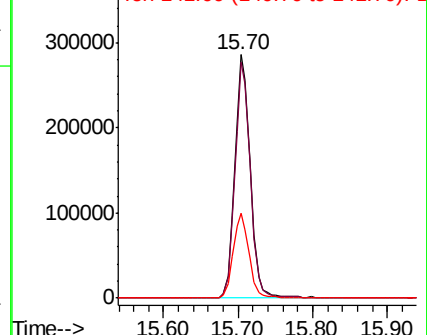


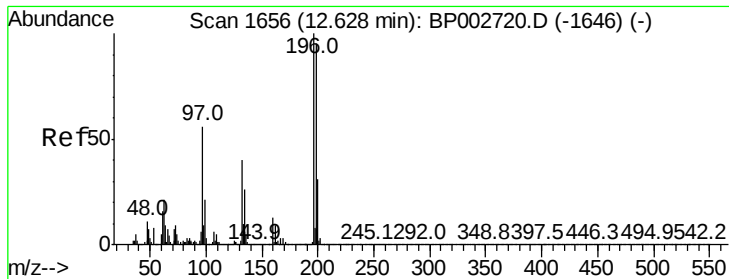
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

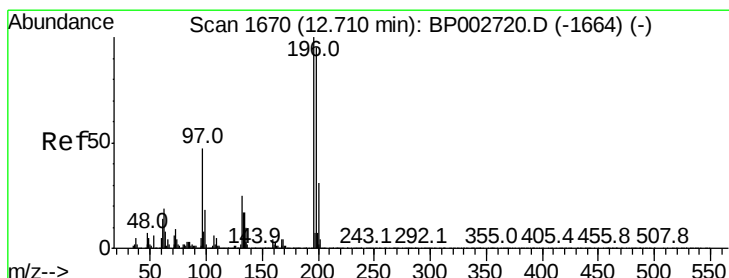
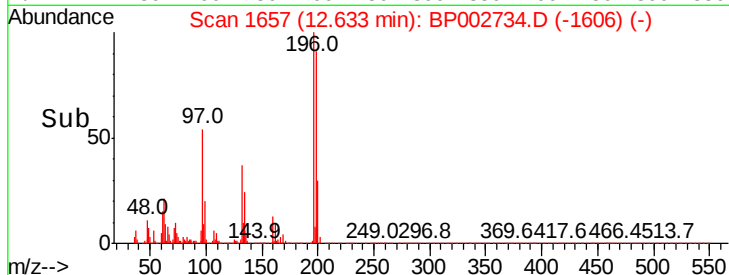
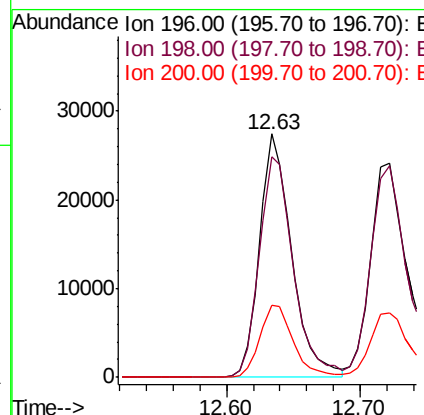
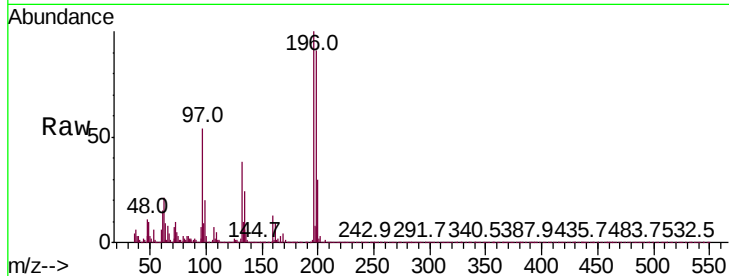




#43
 2,4,6-Trichlorophenol
 Concen: 5.681 ng
 RT: 12.63 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BP002734.D
 Acq: 13 Jul 2020 14:05

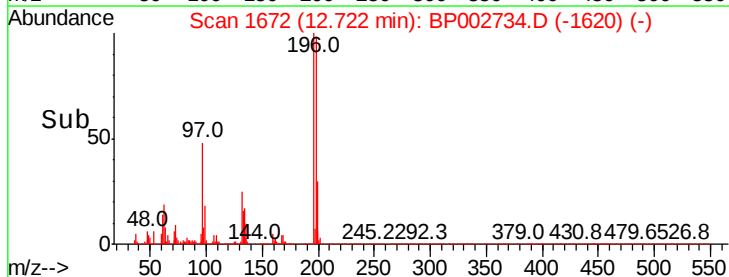
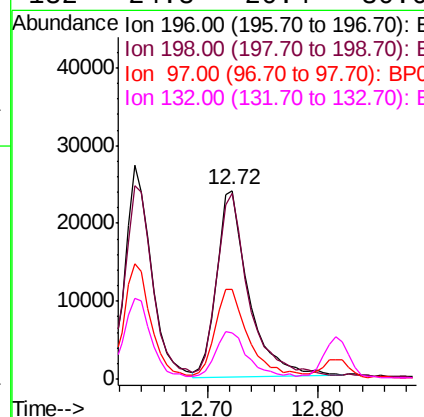
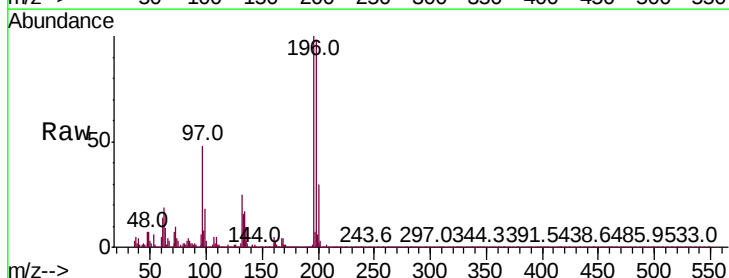
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

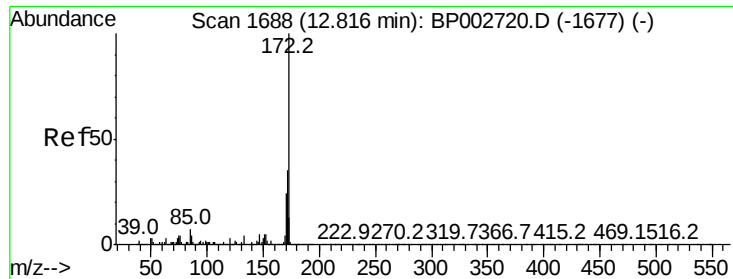
Tot Ion:196 Resp: 45538
 Ion Ratio Lower Upper
 196 100
 198 90.6 75.8 113.6
 200 29.8 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 5.152 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BP002734.D
 Acq: 13 Jul 2020 14:05

Tgt Ion:196 Resp: 47902
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.8 113.6
 97 47.6 38.0 57.0
 132 24.8 20.4 30.6

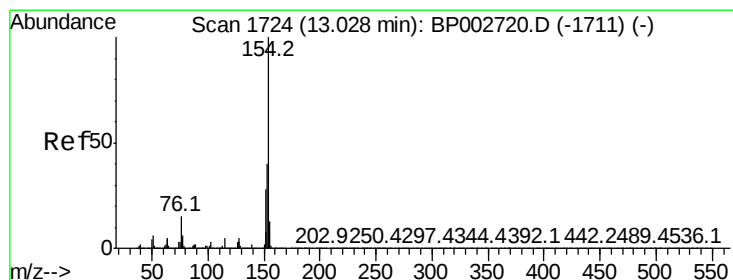
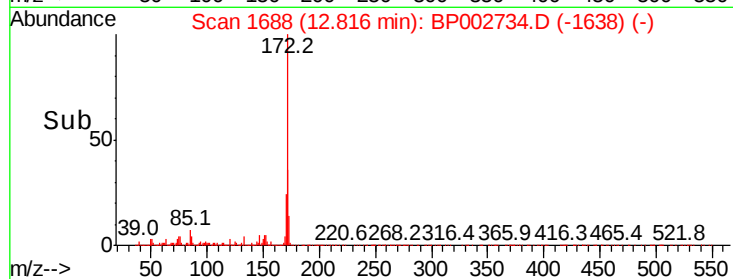
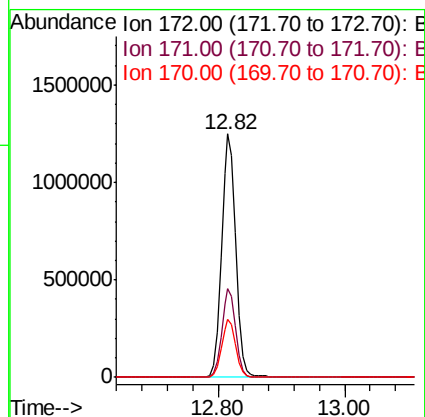
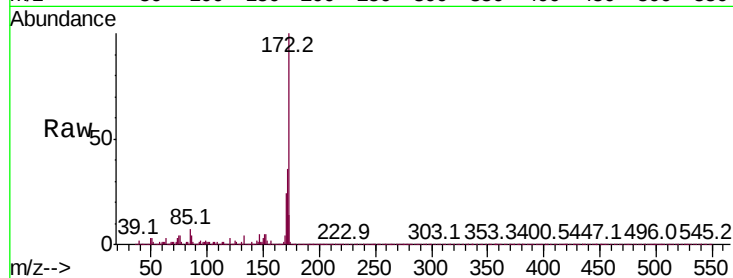




#45
2-Fluorobiphenyl
Concen: 75.523 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

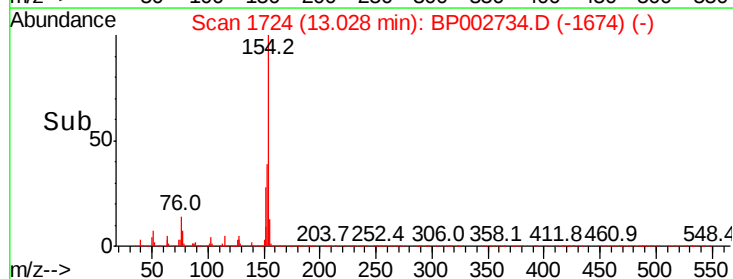
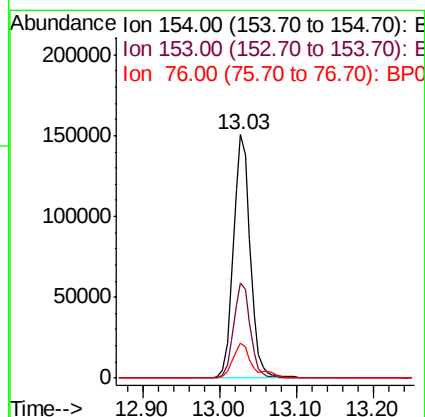
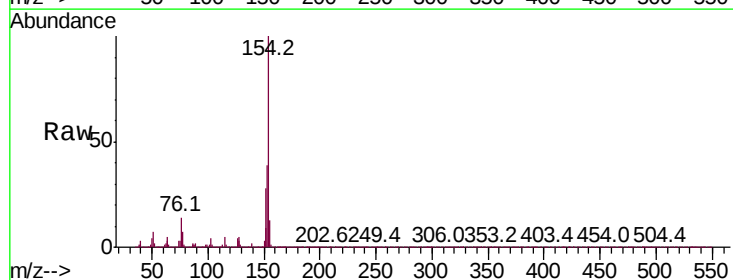
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

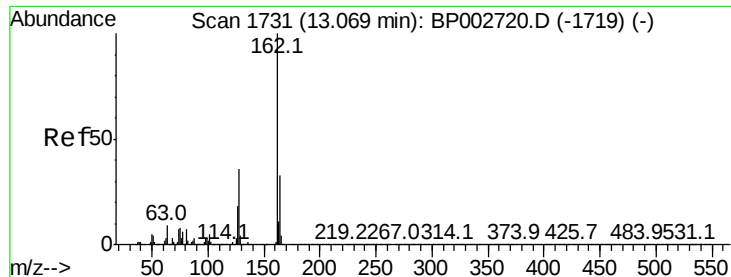
Tot Ion:172 Resp: 1989279
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 24.0 19.3 28.9



#46
1,1'-Biphenyl
Concen: 7.598 ng
RT: 13.03 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion:154 Resp: 230799
Ion Ratio Lower Upper
154 100
153 39.3 19.8 59.8
76 14.4 0.0 34.7

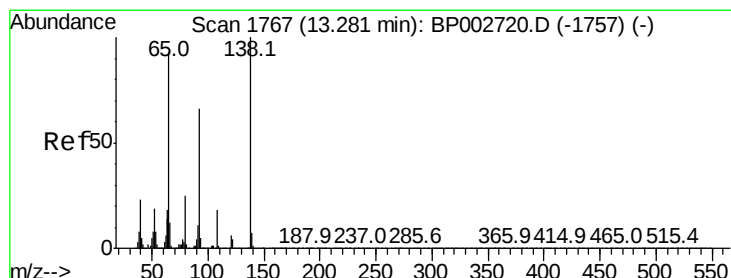
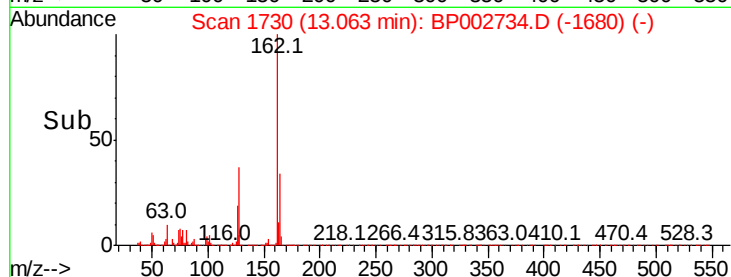
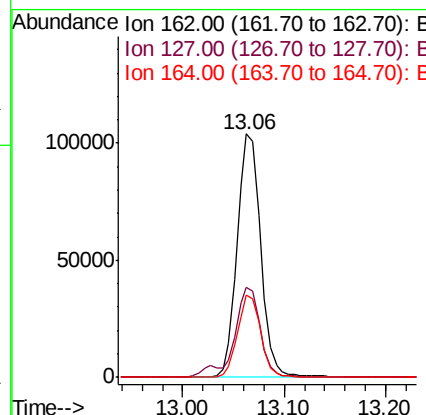
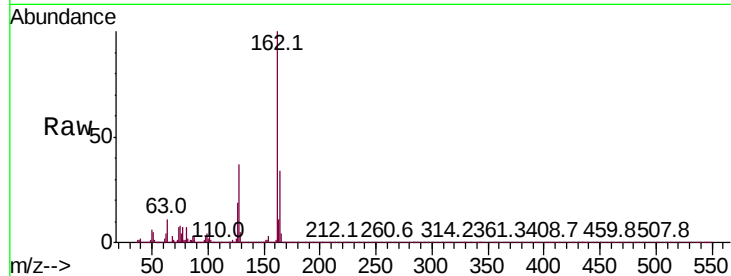




#47
2-Chloronaphthalene
Concen: 6.830 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

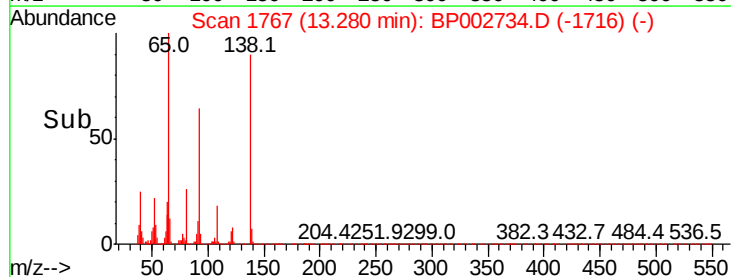
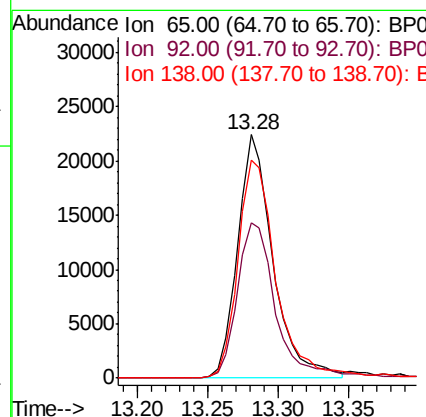
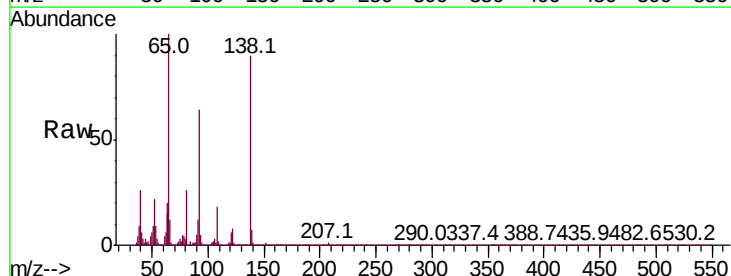
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

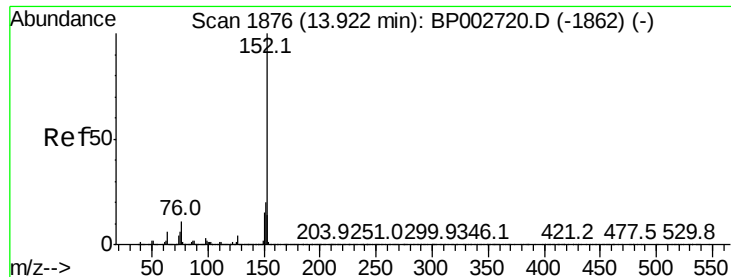
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	29.0	43.4
164	33.8	26.8	40.2



#48
2-Nitroaniline
Concen: 5.125 ng
RT: 13.28 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	57.0	85.6
138	89.7	86.0	129.0





#49

Acenaphthylene

Concen: 6.860 ng

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

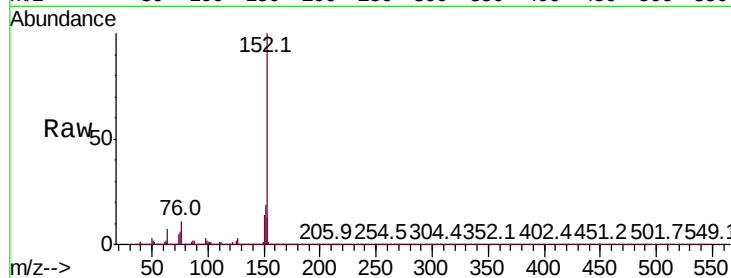
Tot Ion:152 Resp: 266849

Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.4

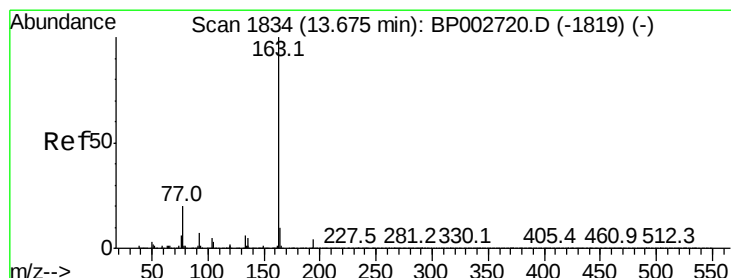
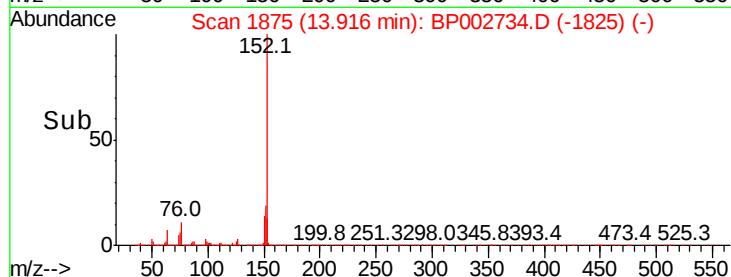
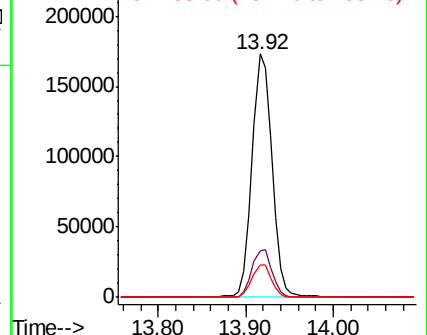
153 13.3 10.9 16.3



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: 6.684 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

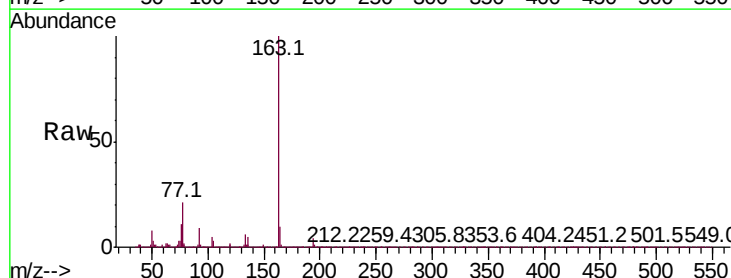
Tgt Ion:163 Resp: 207713

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

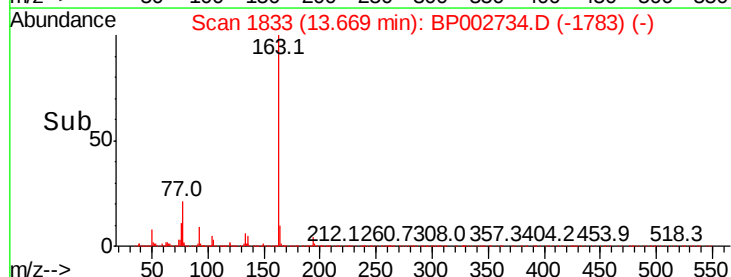
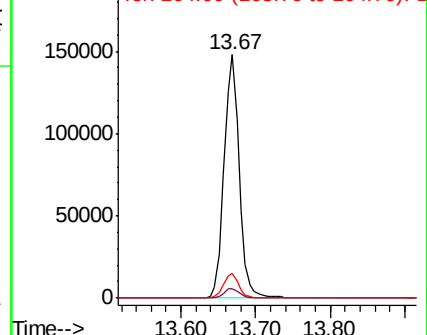
164 10.2 7.8 11.8

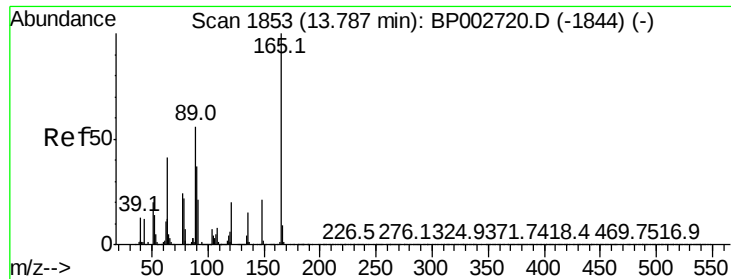


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 6.021 ng

RT: 13.78 min Scan# 1852

Delta R.T. -0.01 min

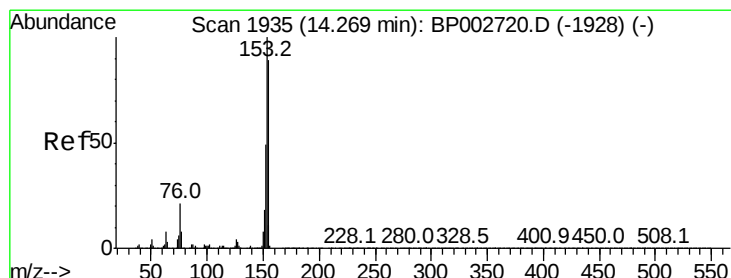
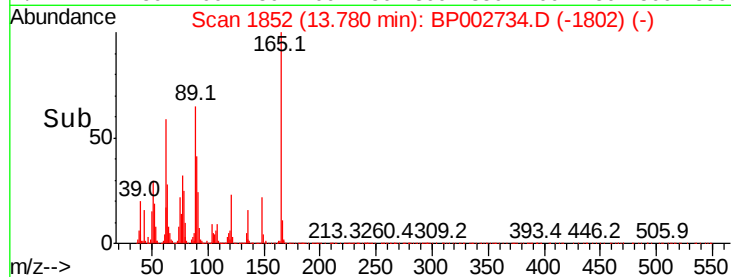
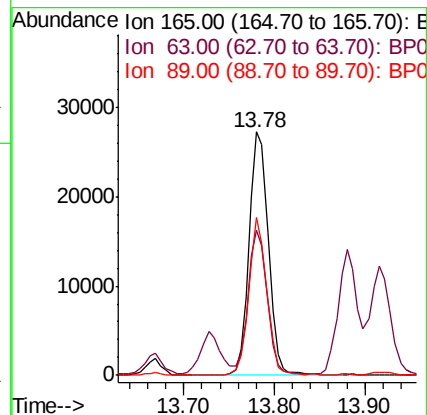
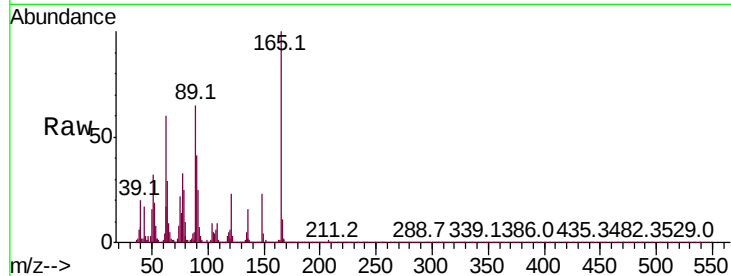
Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:165 Resp: 40057

Ion	Ratio	Lower	Upper
165	100		
63	59.7	43.2	64.8
89	65.1	44.6	67.0



#52

Acenaphthene

Concen: 6.979 ng

RT: 14.27 min Scan# 1935

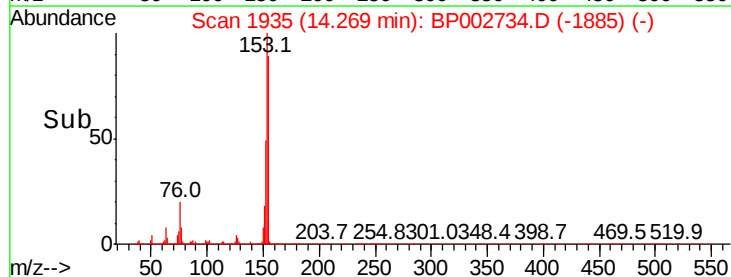
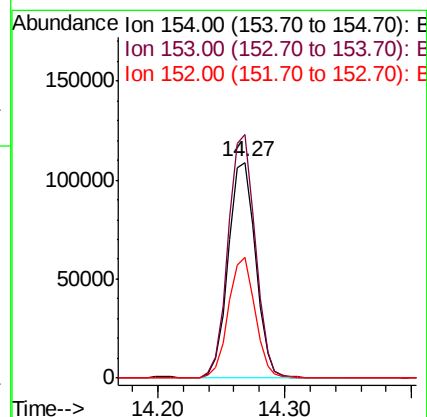
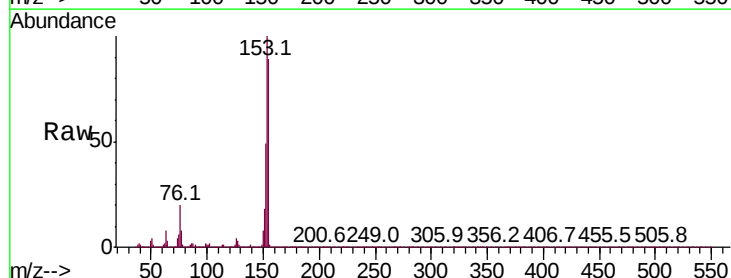
Delta R.T. -0.01 min

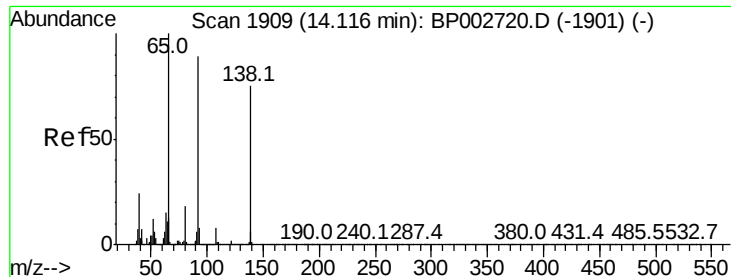
Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Tgt Ion:154 Resp: 162239

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.1	135.1
152	55.7	43.8	65.6

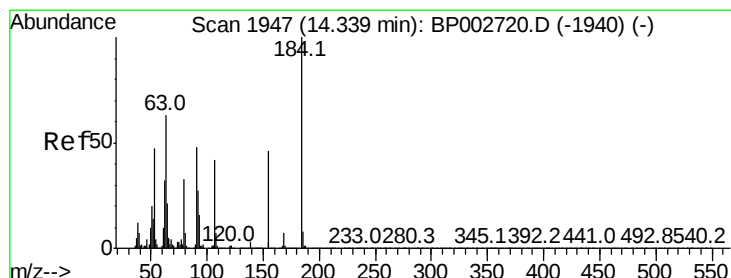
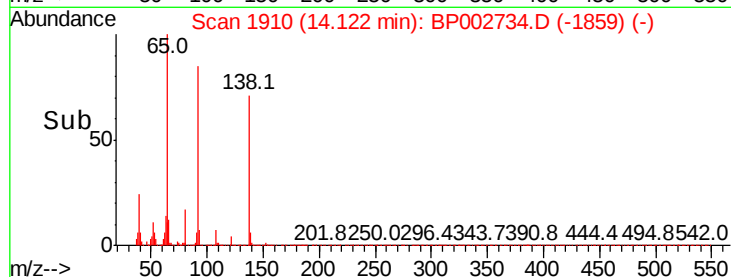
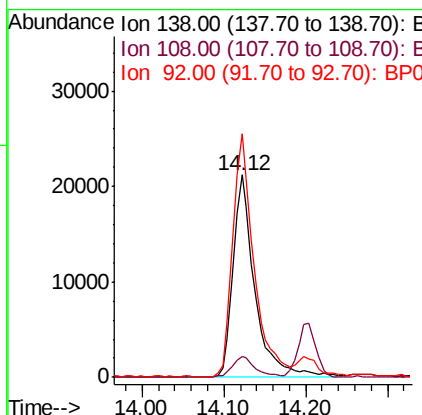
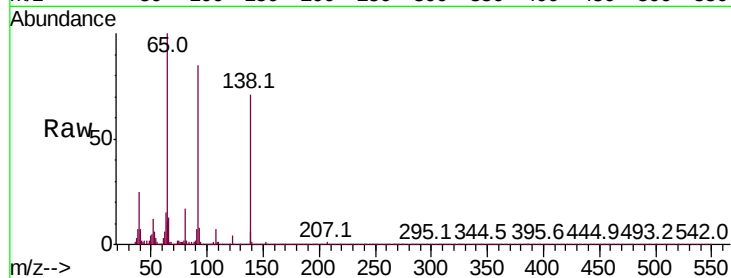




#53
3-Nitroaniline
Concen: 5.295 ng
RT: 14.12 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

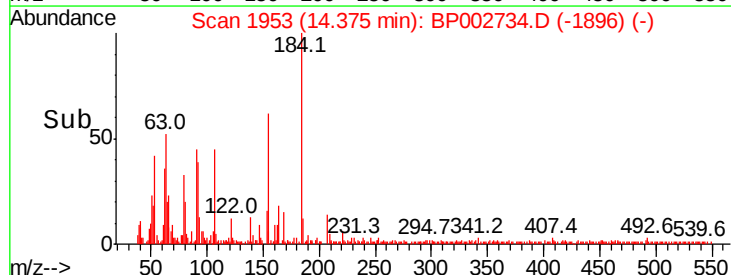
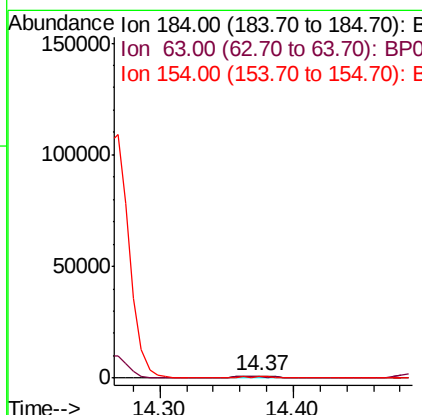
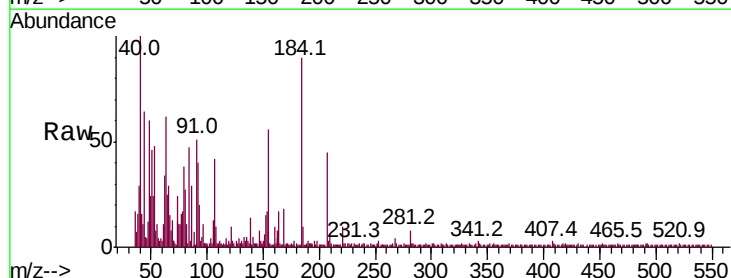
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

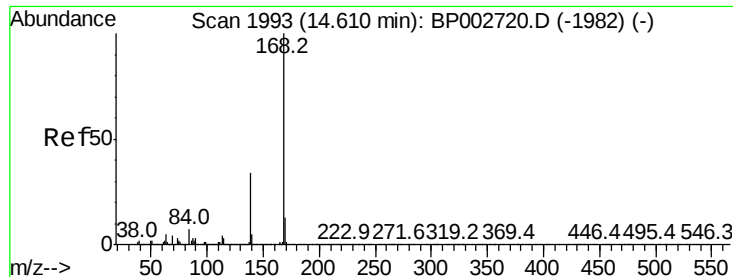
Tot Ion:138 Resp: 39410
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 120.3 94.3 141.5



#54
2,4-Dinitrophenol
Concen: 11.894 ng
RT: 14.37 min Scan# 1953
Delta R.T. 0.04 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion:184 Resp: 2250
Ion Ratio Lower Upper
184 100
63 68.7 51.6 77.4
154 62.2 45.0 67.6





#55

Dibenzenofuran

Concen: 7.132 ng

RT: 14.60 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

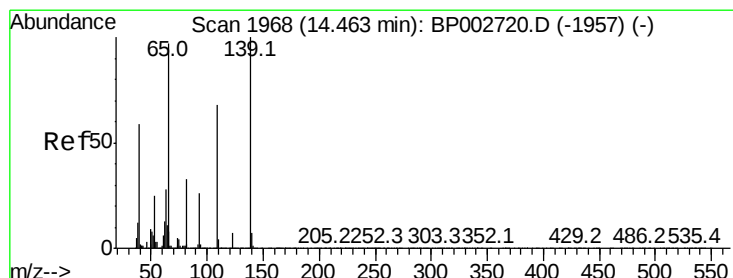
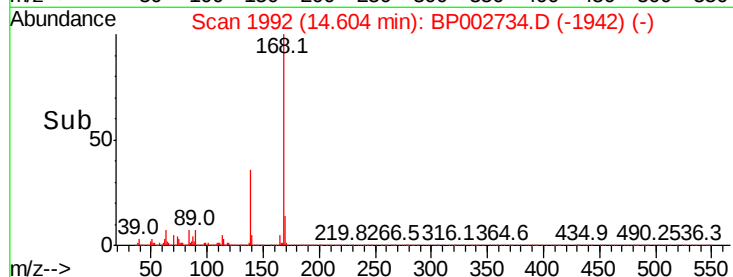
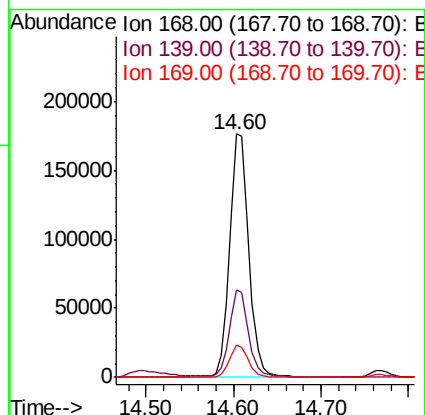
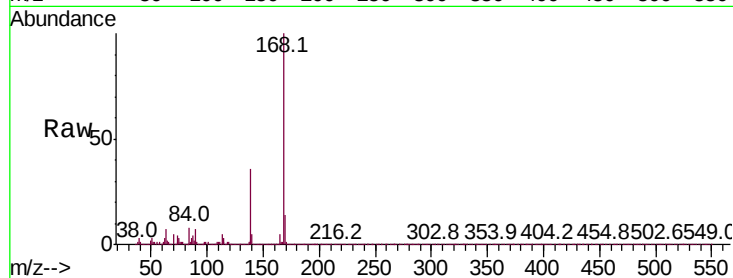
Tot Ion:168 Resp: 265898

Ion Ratio Lower Upper

168 100

139 36.0 27.1 40.7

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 7.195 ng

RT: 14.50 min Scan# 1974

Delta R.T. 0.03 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

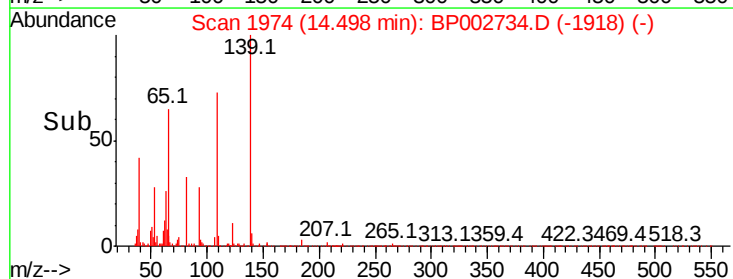
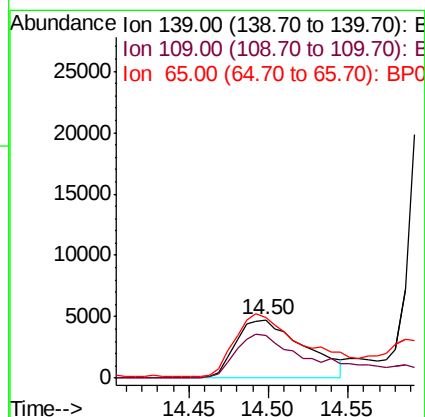
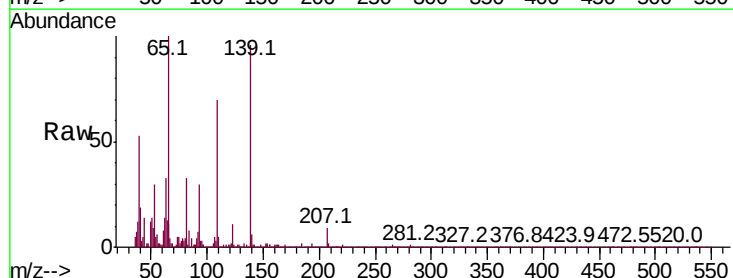
Tgt Ion:139 Resp: 14137

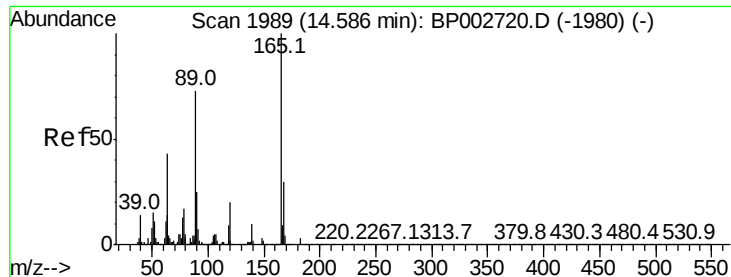
Ion Ratio Lower Upper

139 100

109 72.8 48.1 88.1

65 103.7 77.9 117.9

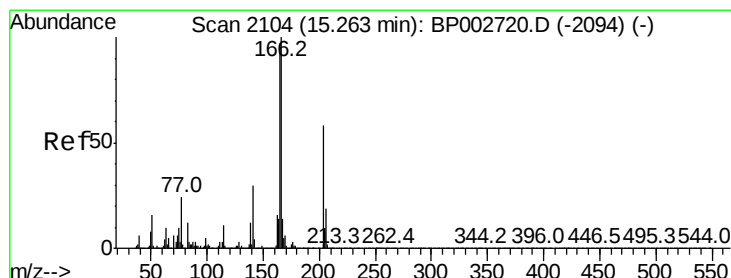
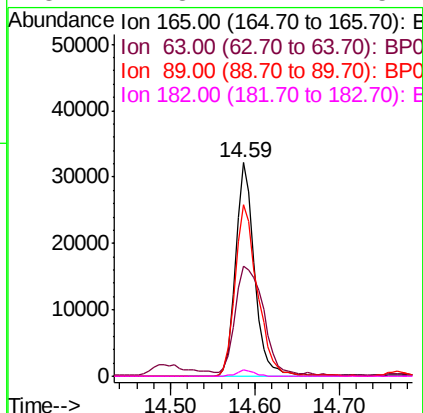
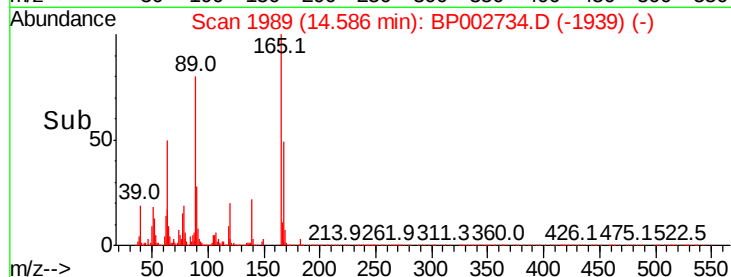
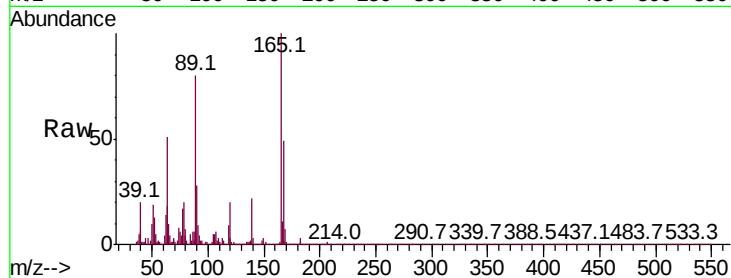




#57
2,4-Dinitrotoluene
Concen: 5.587 ng
RT: 14.59 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

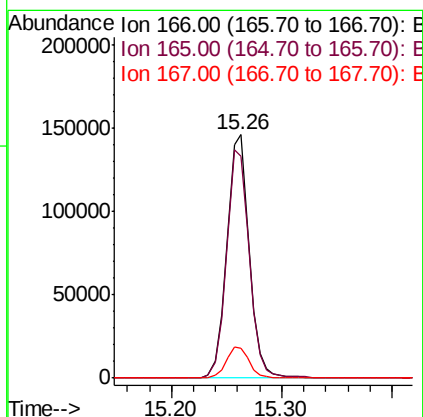
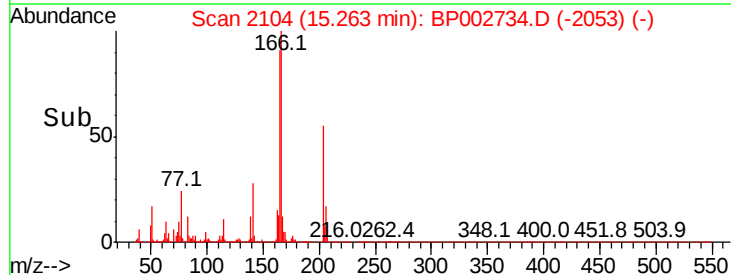
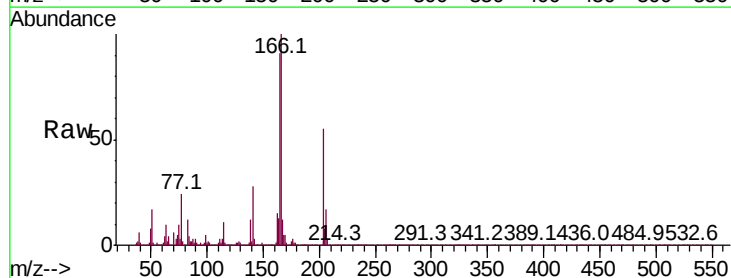
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

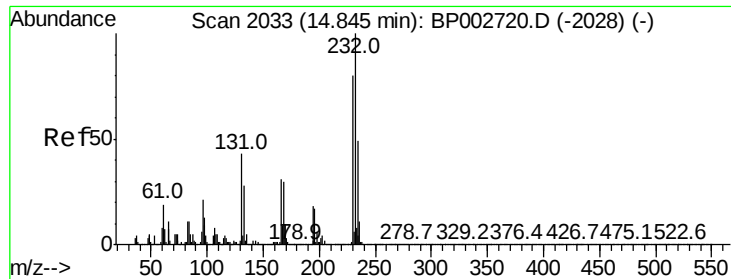
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	35.1	52.7
89	80.2	58.4	87.6
182	2.8	2.2	3.2



#58
Fluorene
Concen: 7.532 ng
RT: 15.26 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	91.1	77.7	116.5
167	12.4	11.0	16.6

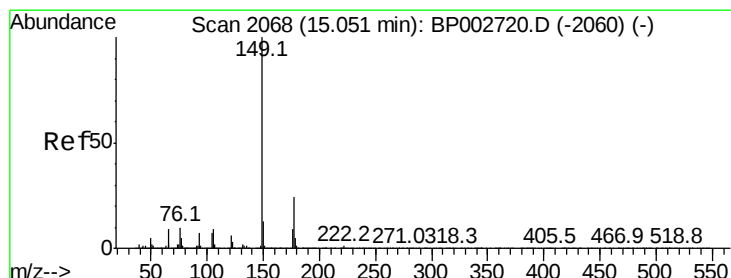
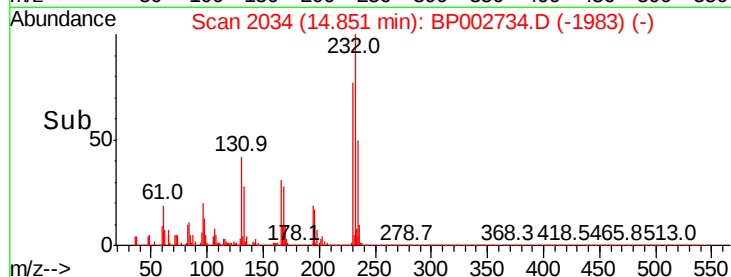
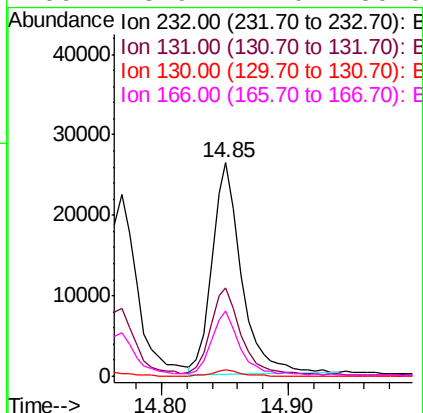
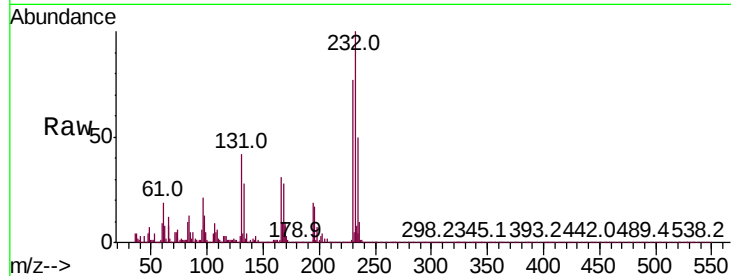




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.832 ng
RT: 14.85 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

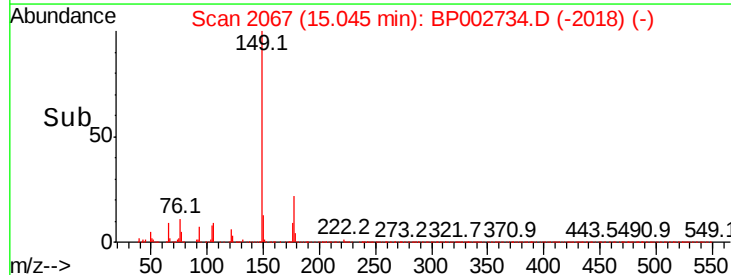
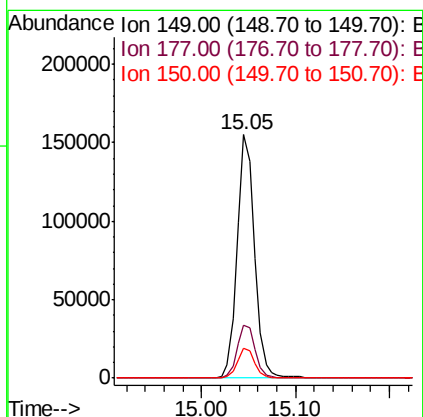
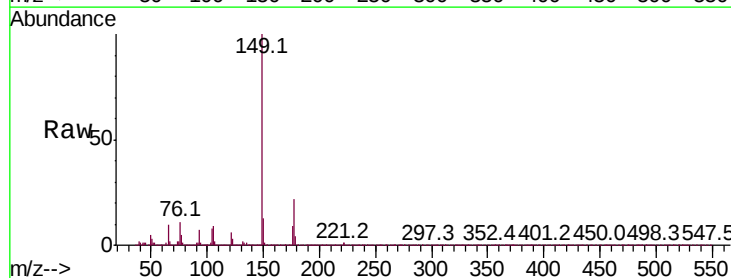
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

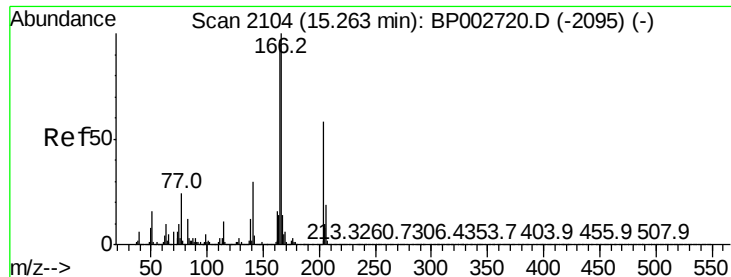
Tot Ion:232 Resp: 42739
Ion Ratio Lower Upper
232 100
131 43.9 34.3 51.5
130 2.7 1.8 2.6#
166 28.9 24.0 36.0



#60
Diethylphthalate
Concen: 6.605 ng
RT: 15.05 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion:149 Resp: 198999
Ion Ratio Lower Upper
149 100
177 21.6 18.9 28.3
150 12.5 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 7.219 ng

RT: 15.26 min Scan# 2104

Delta R.T. -0.00 min

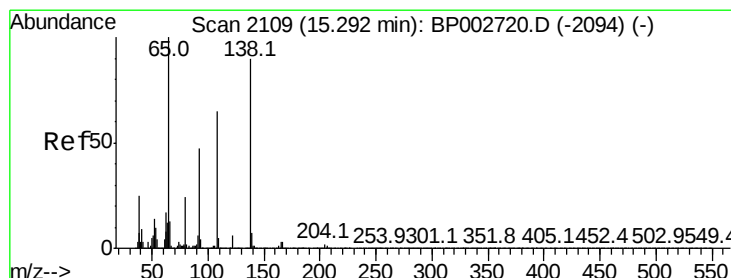
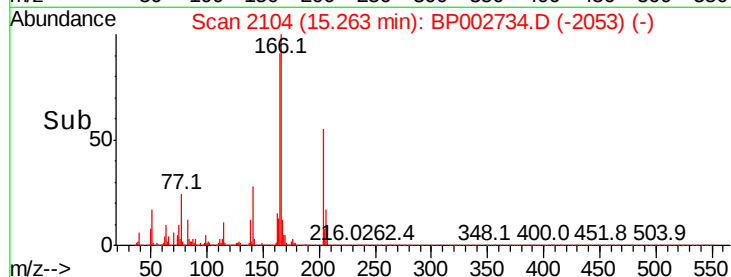
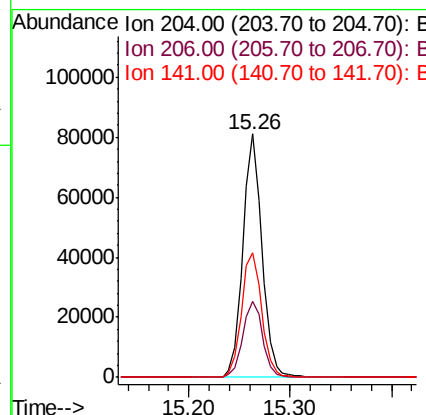
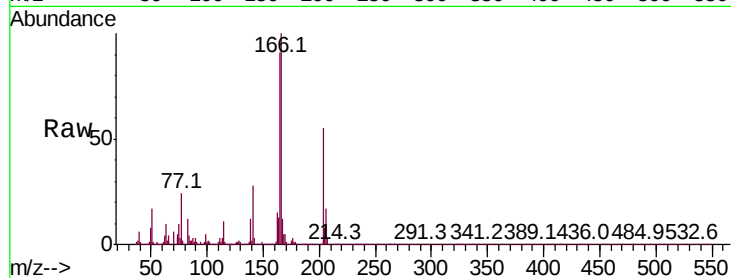
Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:204 Resp: 105810

Ion	Ratio	Lower	Upper
204	100		
206	30.9	26.1	39.1
141	51.3	41.8	62.8



#62

4-Nitroaniline

Concen: 6.109 ng

RT: 15.29 min Scan# 2109

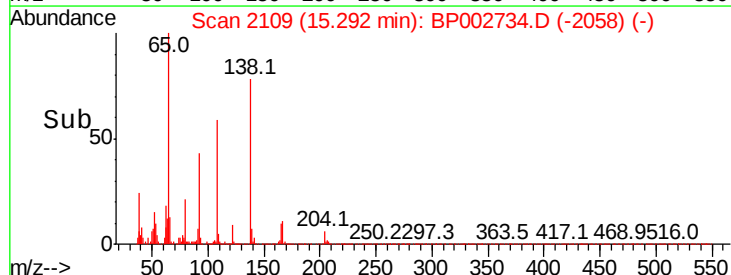
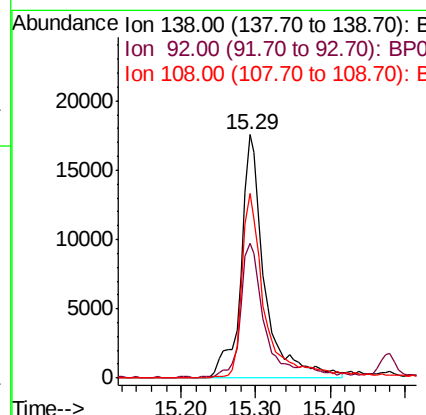
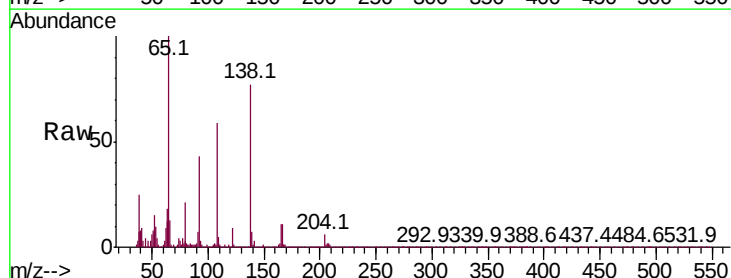
Delta R.T. -0.00 min

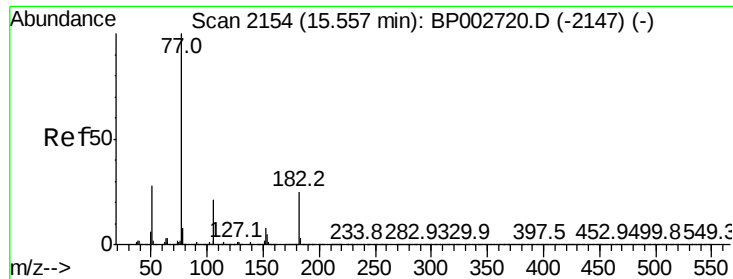
Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Tgt Ion:138 Resp: 38517

Ion	Ratio	Lower	Upper
138	100		
92	55.6	32.0	72.0
108	76.0	52.2	92.2





#63

Azobenzene

Concen: 6.734 ng

RT: 15.56 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 77 Resp: 208618

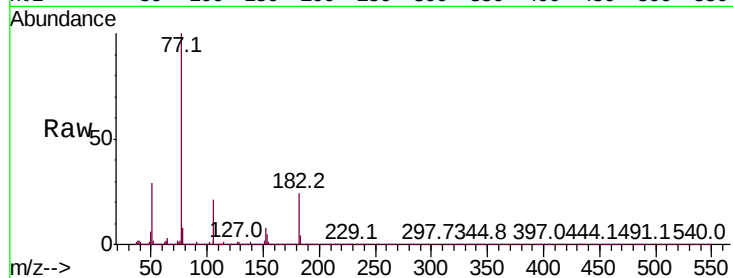
Ion Ratio Lower Upper

77 100

182 23.6 5.1 45.1

105 20.9 0.8 40.8

51 29.1 7.6 47.6

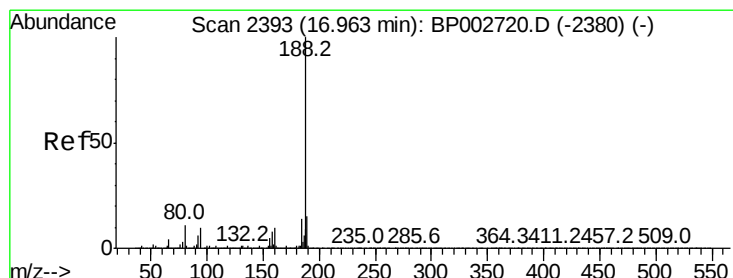
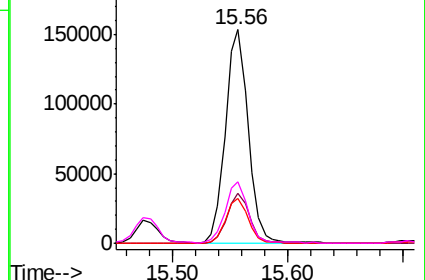
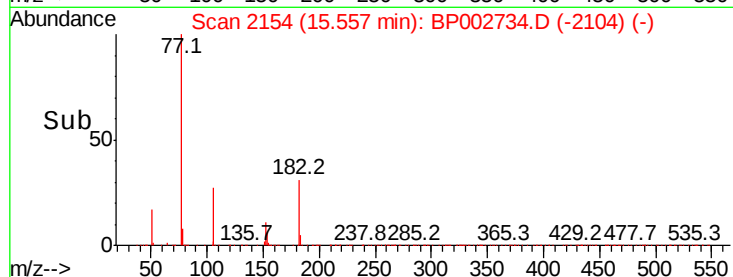


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

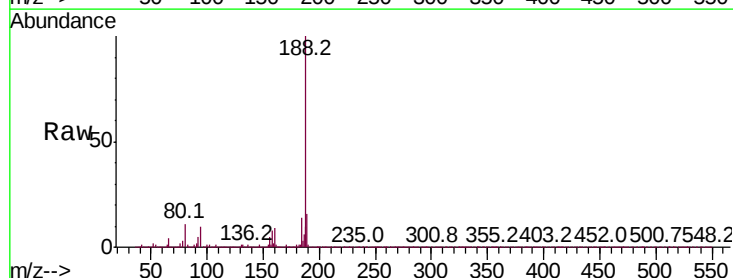
Tgt Ion: 188 Resp: 881494

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

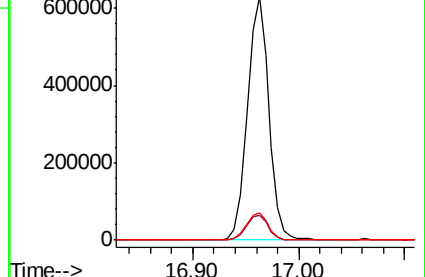
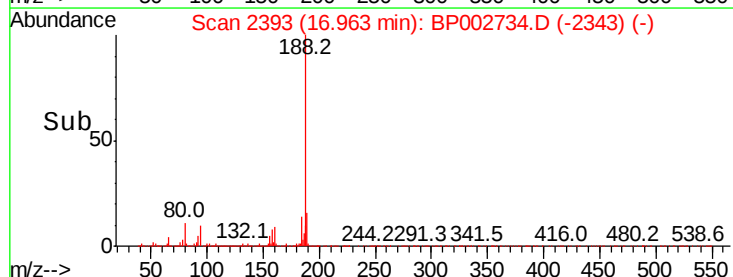
80 11.2 8.9 13.3

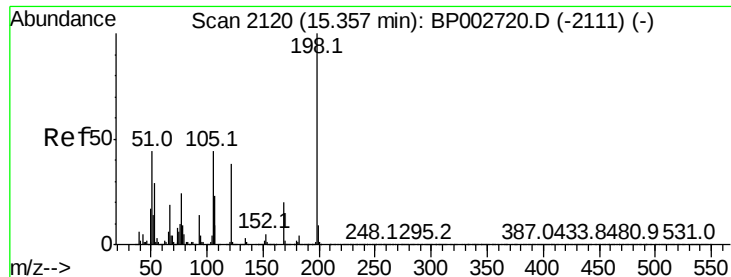


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

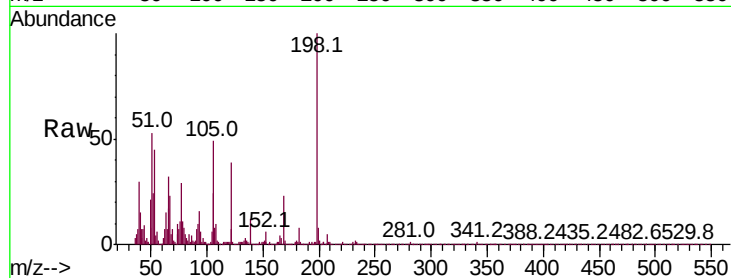




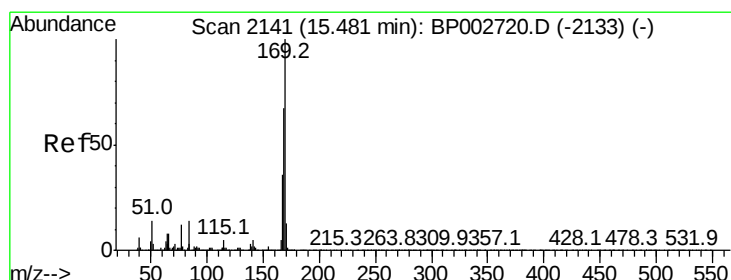
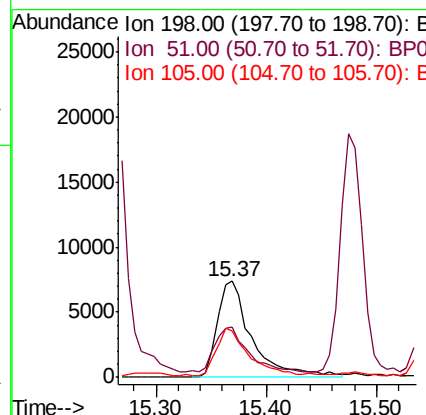
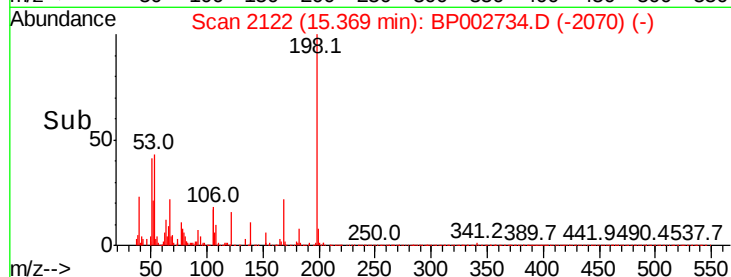
#65
4,6-Dinitro-2-methylphenol
Concen: 7.950 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	52.6	27.1	67.1
105	48.8	24.9	64.9

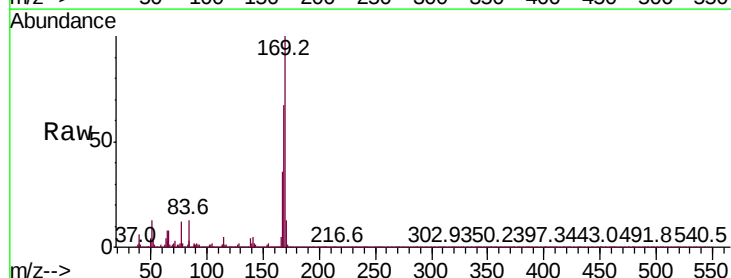


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

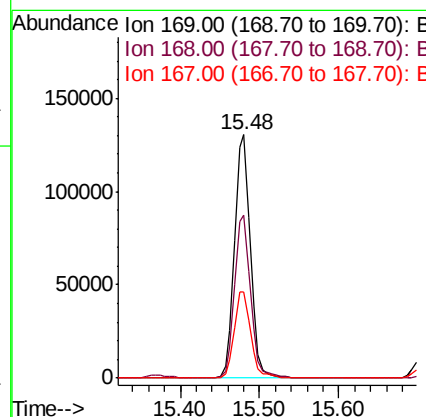
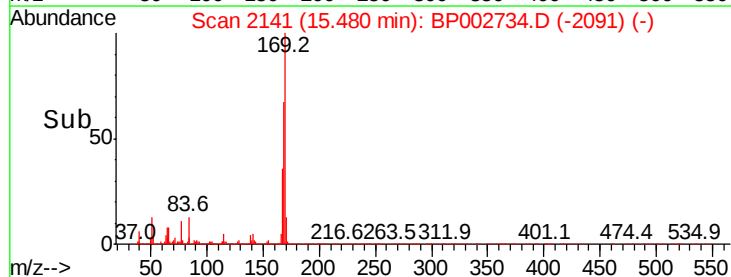


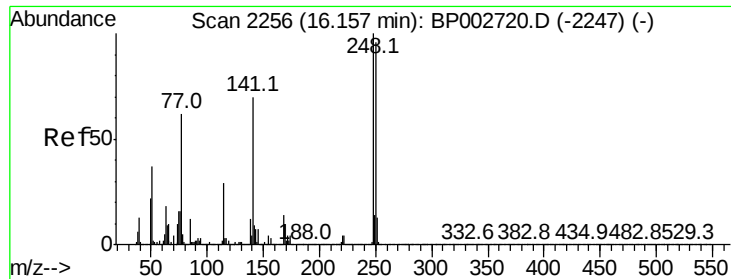
#66
n-Nitrosodiphenylamine
Concen: 6.938 ng
RT: 15.48 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.0
167	35.6	29.2	43.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

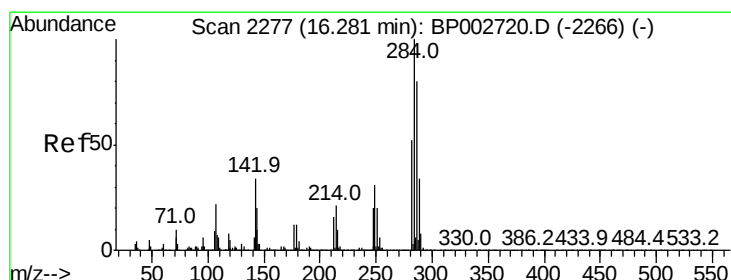
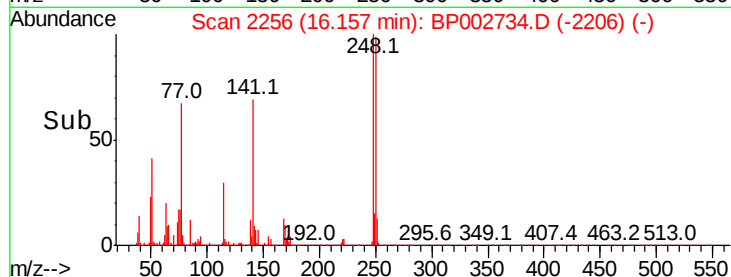
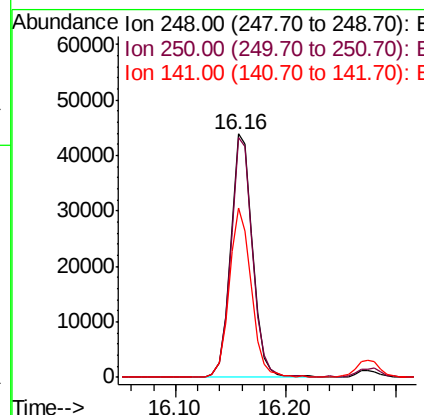
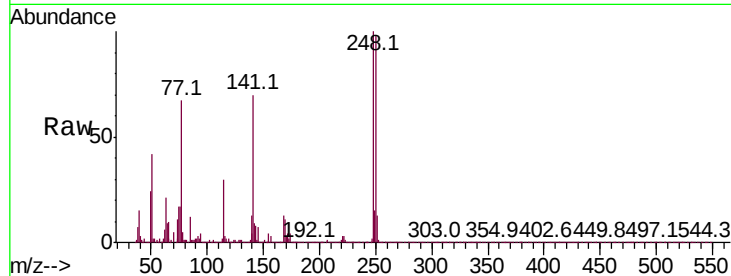




#67
4-Bromophenyl-phenylether
Concen: 6.337 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

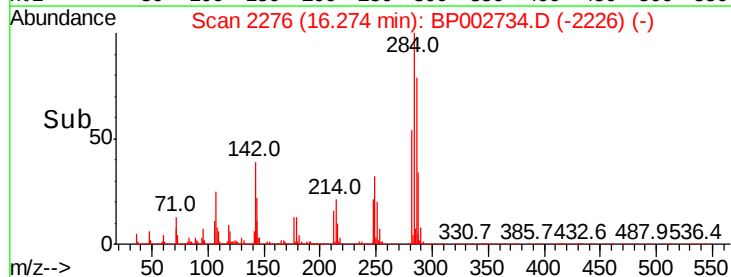
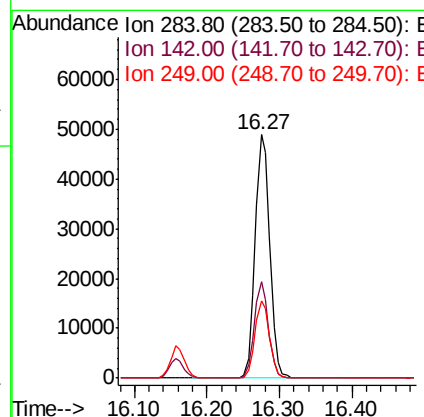
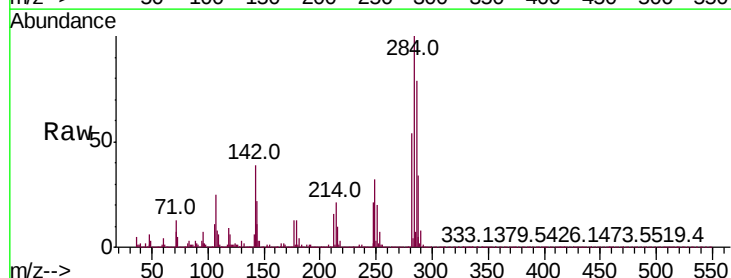
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

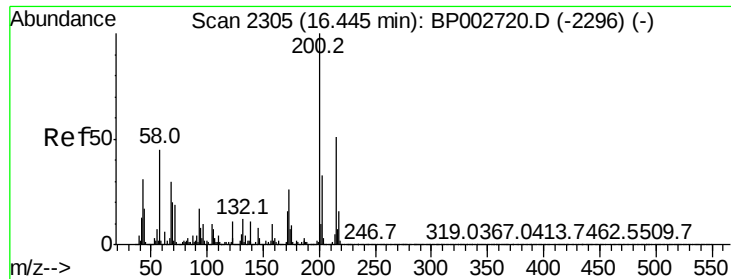
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.7	115.1
141	69.5	55.9	83.9



#68
Hexachlorobenzene
Concen: 6.765 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.5	26.9	40.3
249	31.8	24.6	37.0





#69

Atrazine

Concen: 7.670 ng

RT: 16.44 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

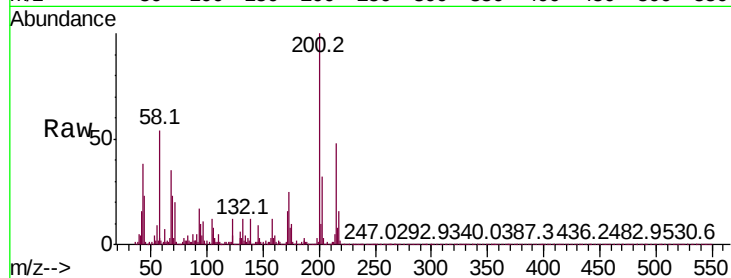
Tot Ion:200 Resp: 54525

Ion Ratio Lower Upper

200 100

173 25.2 6.3 46.3

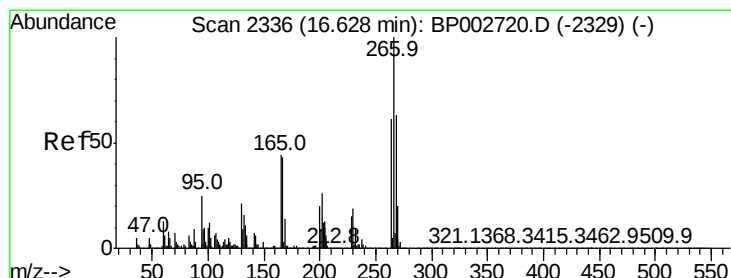
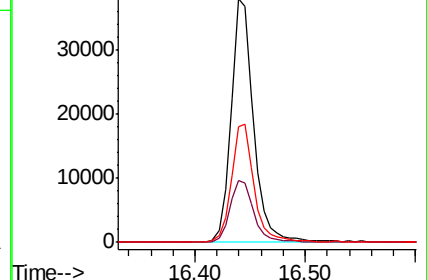
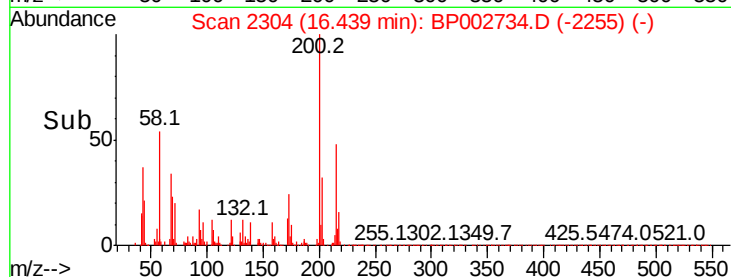
215 47.6 30.6 70.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 9.116 ng

RT: 16.64 min Scan# 2338

Delta R.T. 0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

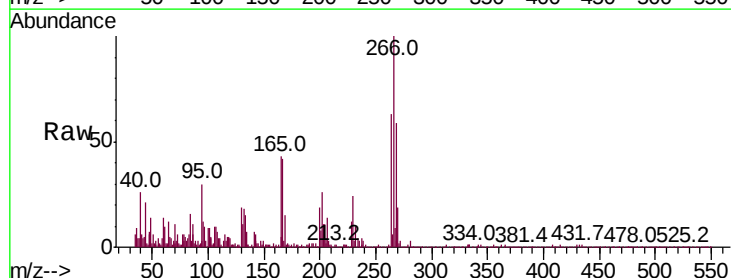
Tgt Ion:266 Resp: 9035

Ion Ratio Lower Upper

266 100

268 59.0 50.6 75.8

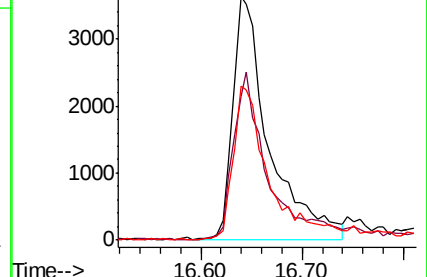
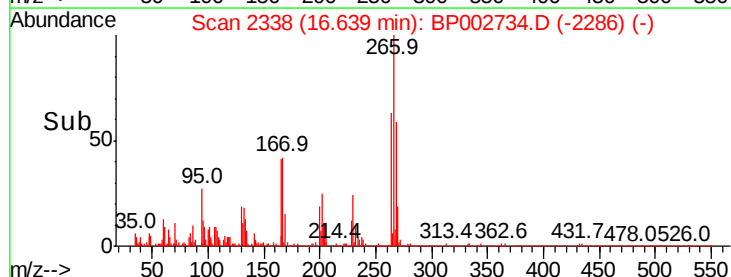
264 63.4 48.6 72.8

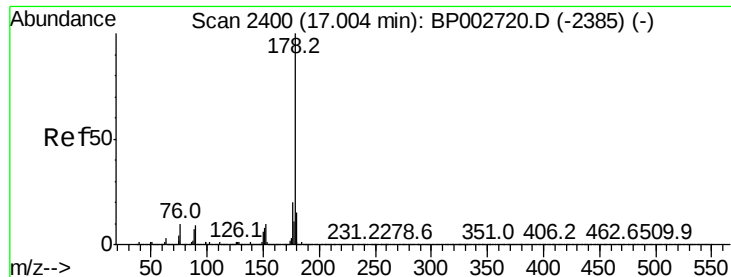


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

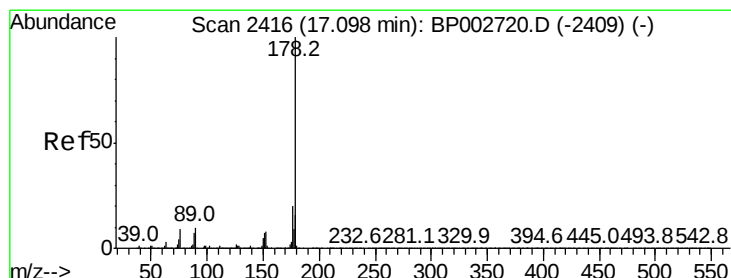
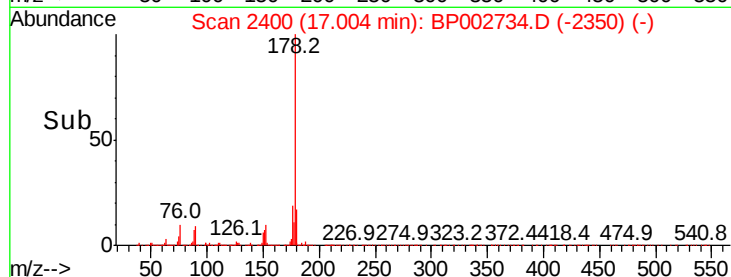
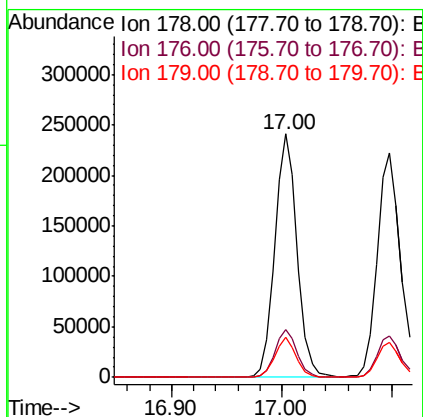
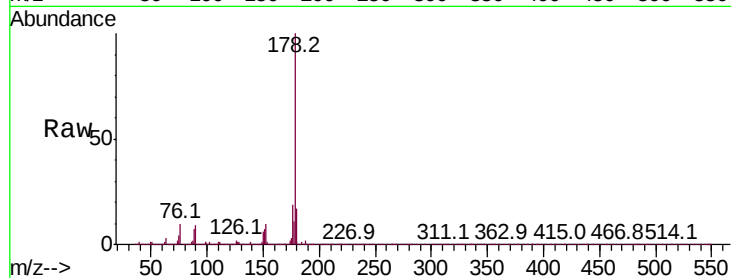




#71
Phenanthrene
Concen: 7.057 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

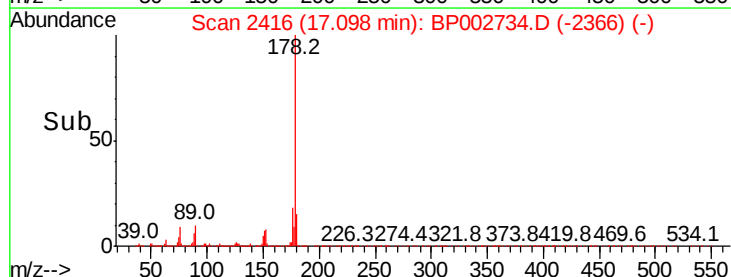
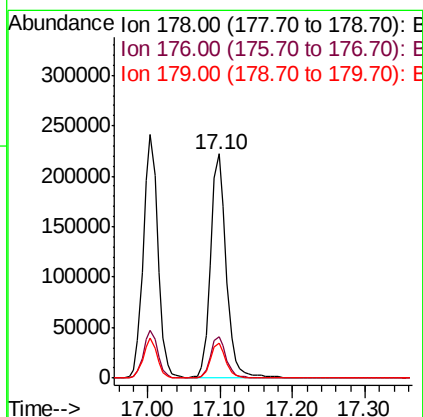
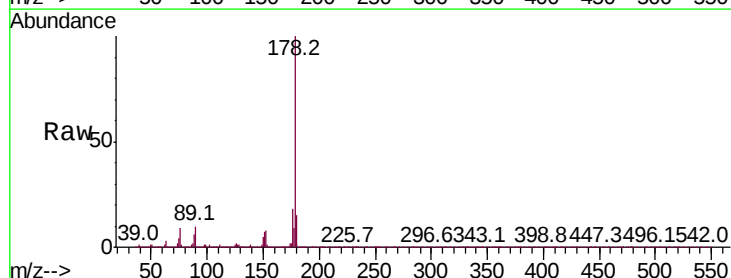
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

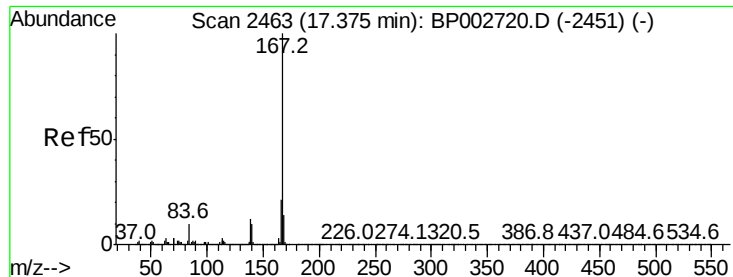
Tot Ion:178 Resp: 336795
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 16.5 12.3 18.5



#72
Anthracene
Concen: 7.090 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion:178 Resp: 332066
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.4 12.6 19.0





#73

Carbazole

Concen: 6.608 ng

RT: 17.37 min Scan# 2463

Delta R.T. -0.01 min

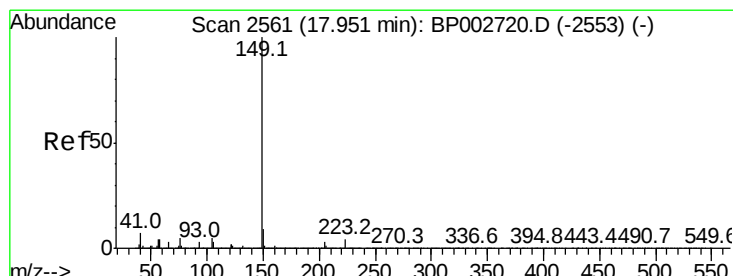
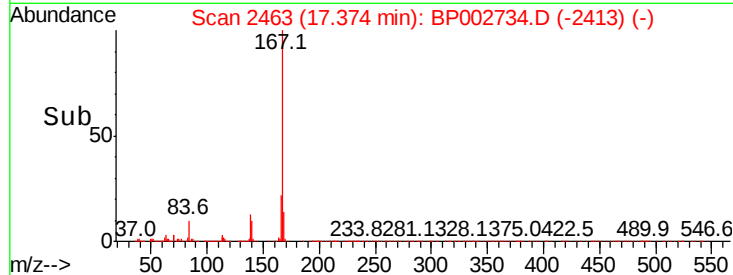
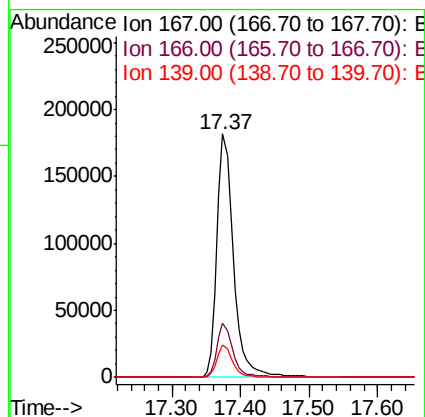
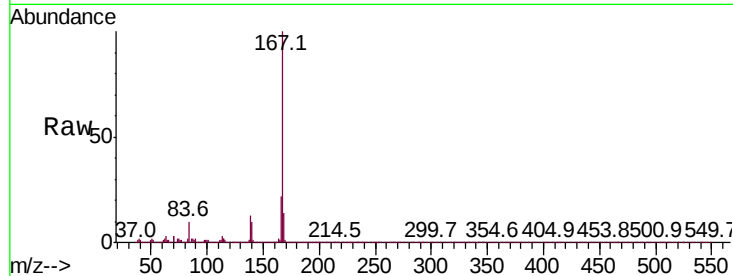
Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:167 Resp: 303691

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.1	25.7
139	13.1	9.6	14.4



#74

Di-n-butylphthalate

Concen: 6.006 ng

RT: 17.95 min Scan# 2561

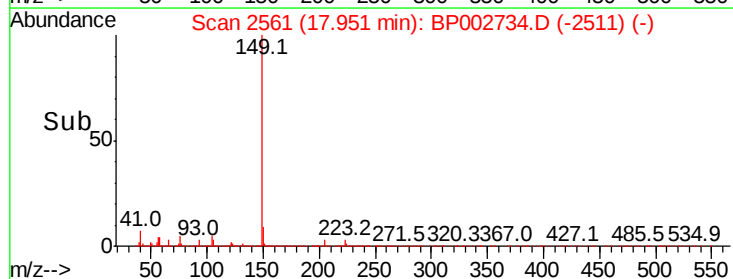
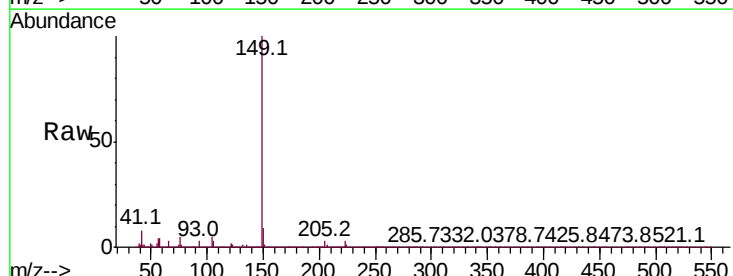
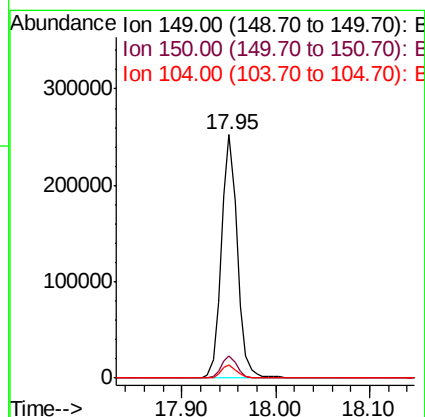
Delta R.T. -0.01 min

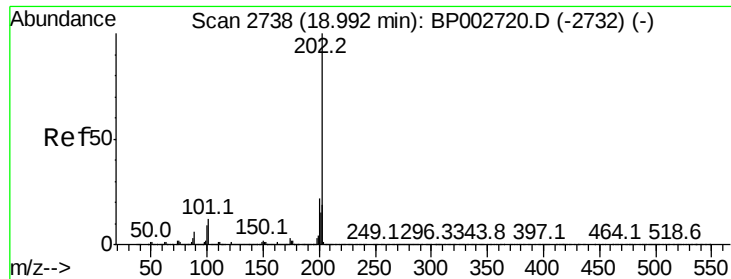
Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Tgt Ion:149 Resp: 299362

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 7.002 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

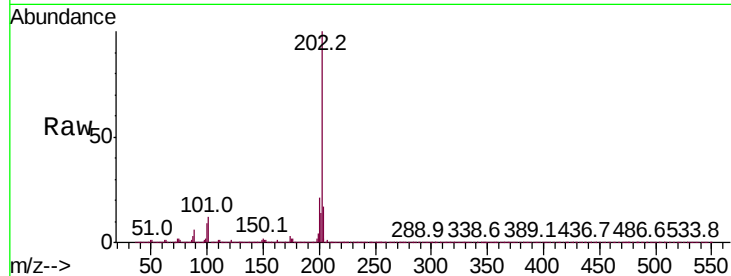
Tot Ion:202 Resp: 387224

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.5

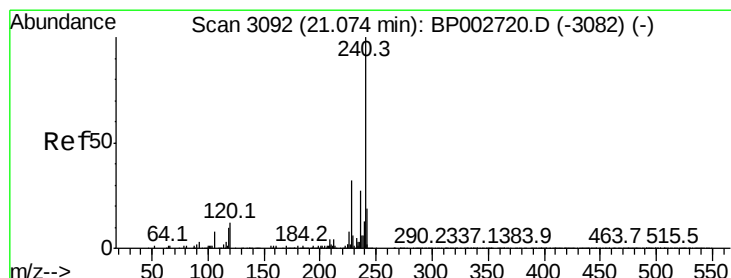
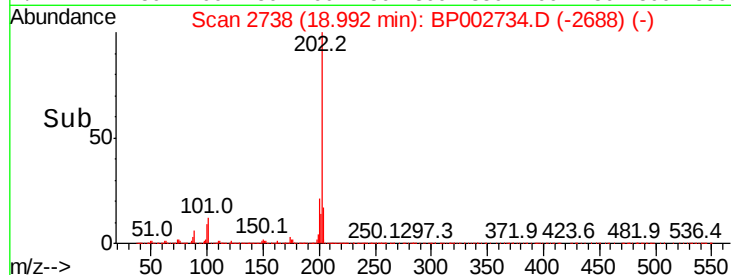
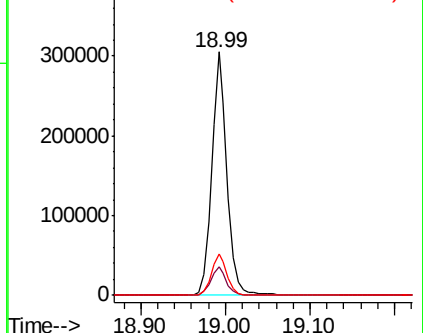
203 17.0 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

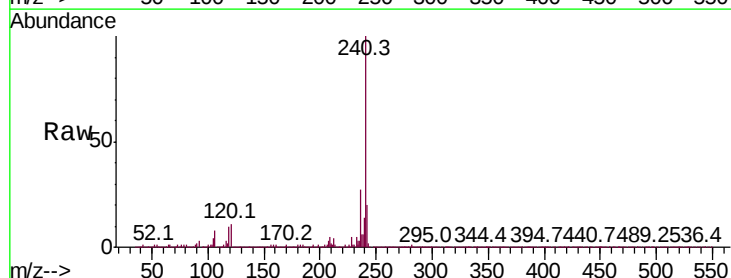
Tgt Ion:240 Resp: 906410

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

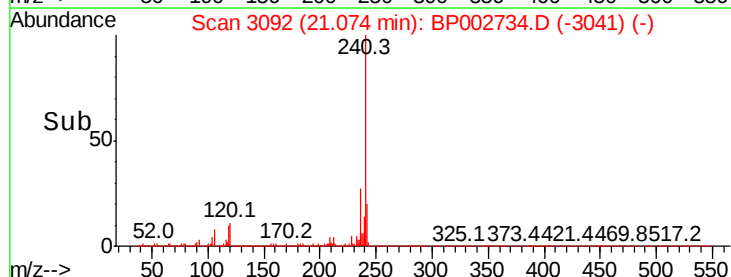
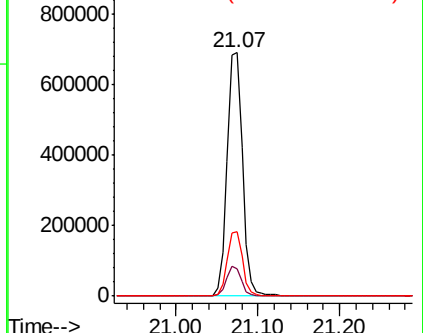
236 26.5 21.3 31.9

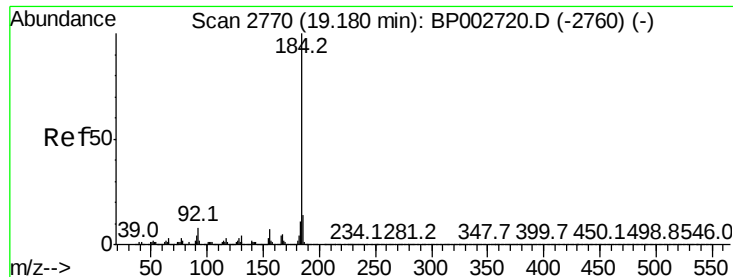


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.003 ng

RT: 19.18 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

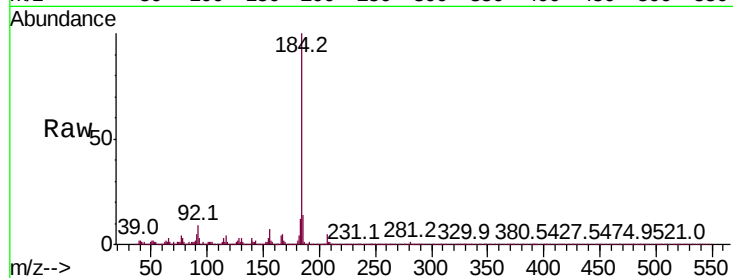
Tot Ion:184 Resp: 134871

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

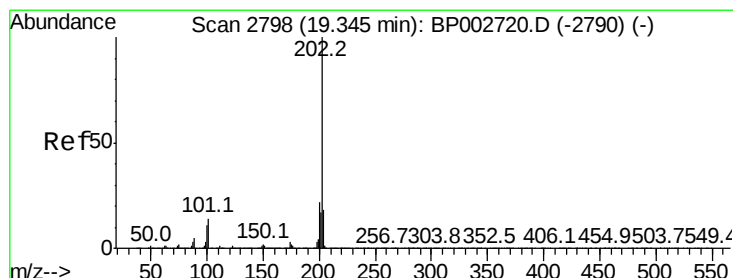
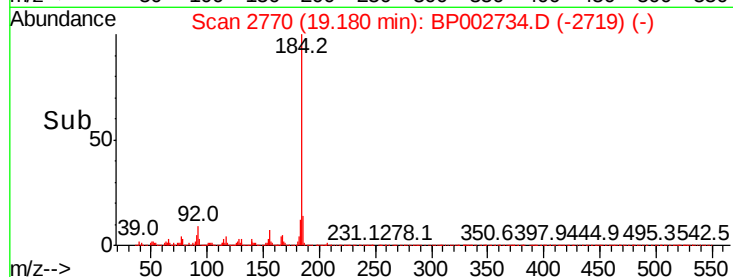
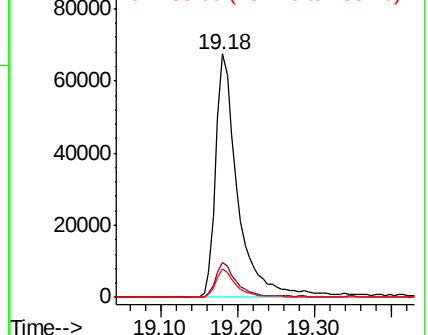
183 11.7 9.0 13.4



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: 6.575 ng

RT: 19.34 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

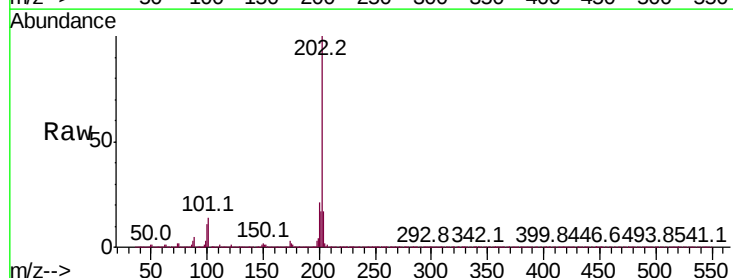
Tgt Ion:202 Resp: 411477

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

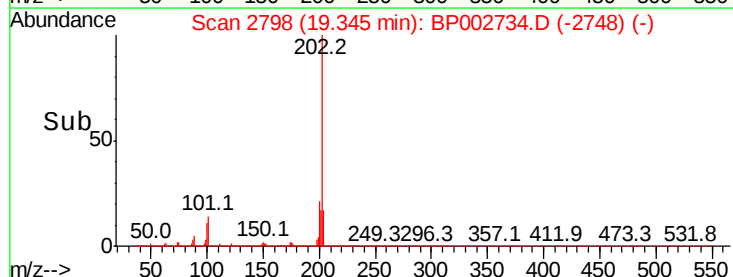
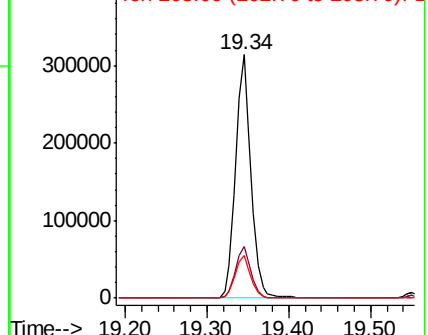
203 17.4 14.5 21.7

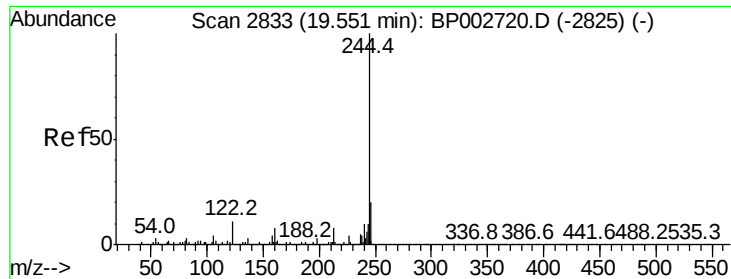


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.036 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

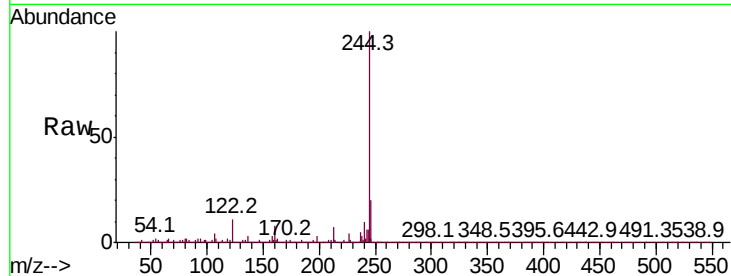
Tot Ion:244 Resp: 2413022

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

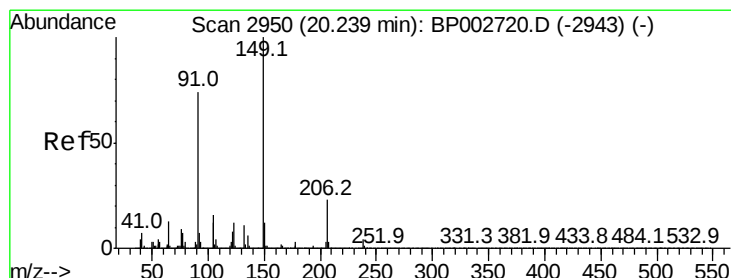
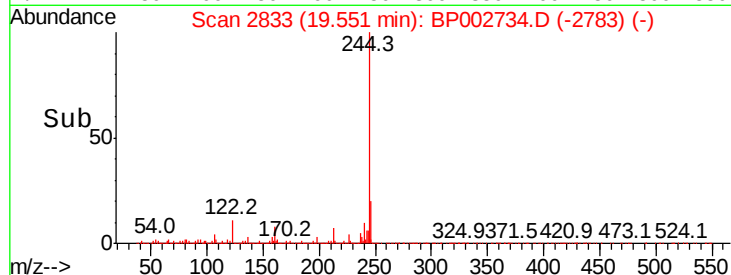
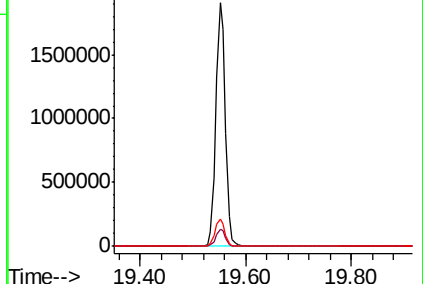
122 11.4 8.9 13.3



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: 5.110 ng

RT: 20.24 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

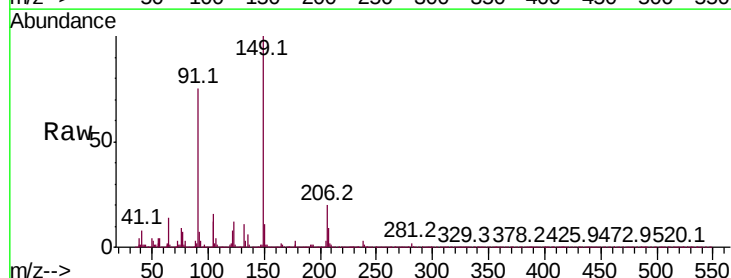
Tgt Ion:149 Resp: 126186

Ion Ratio Lower Upper

149 100

91 75.1 59.4 89.2

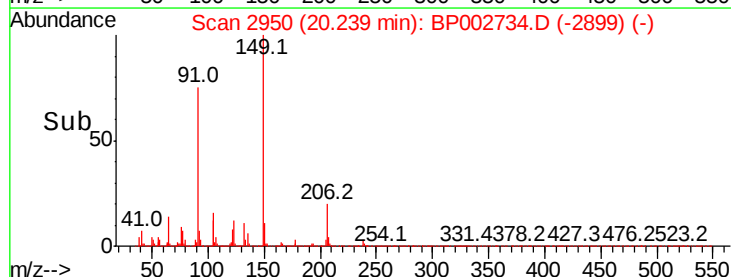
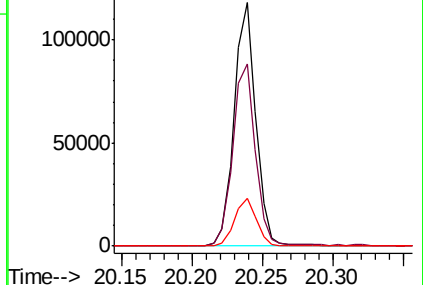
206 19.9 18.3 27.5

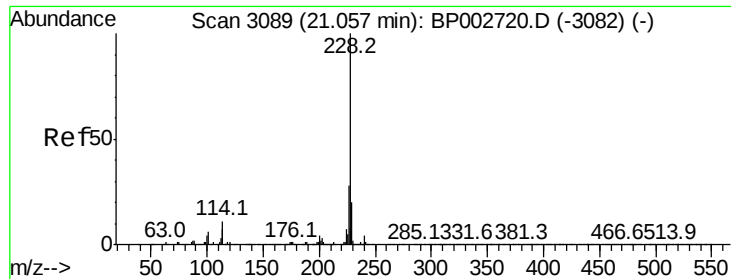


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 6.861 ng

RT: 21.06 min Scan# 3089

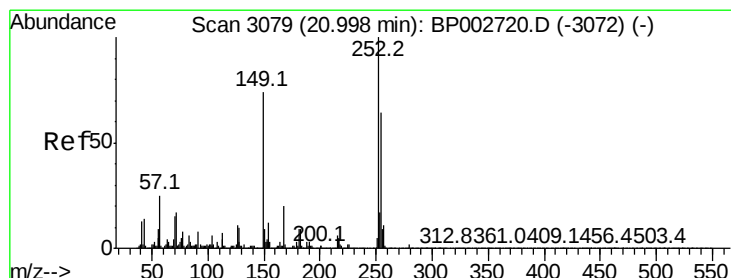
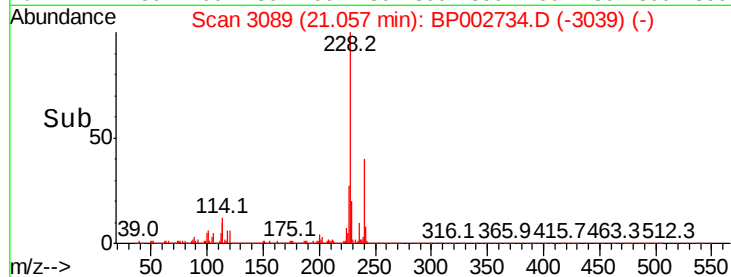
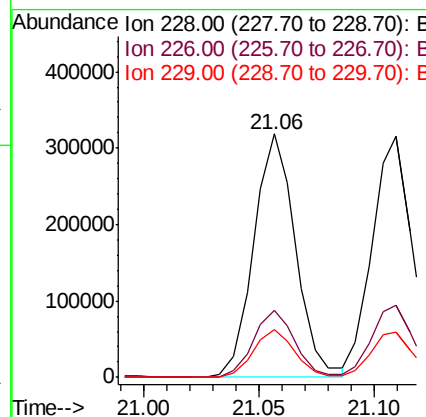
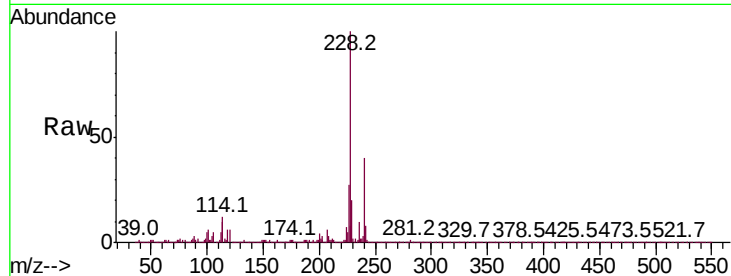
Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:228	Resp:	402551
Ion Ratio	Lower	Upper
228	100	
226	27.4	22.6 34.0
229	19.8	16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 6.505 ng

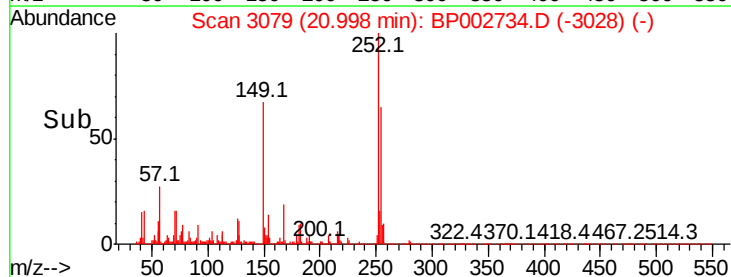
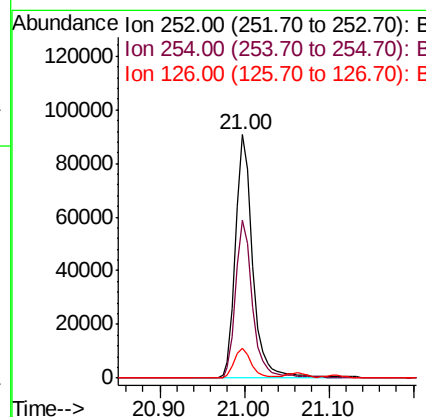
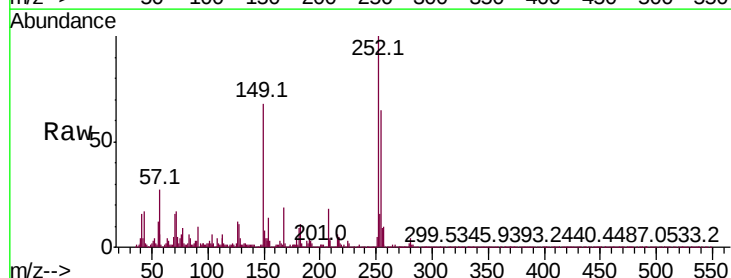
RT: 21.00 min Scan# 3079

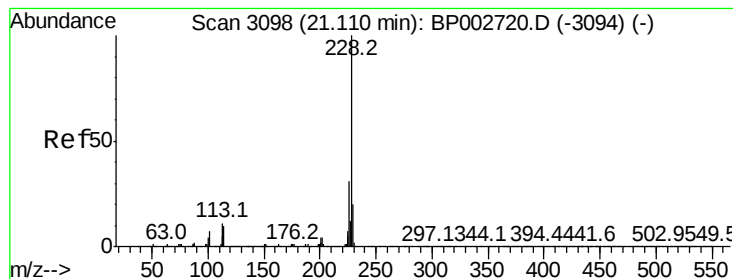
Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Tgt Ion:252	Resp:	126411
Ion Ratio	Lower	Upper
252	100	
254	64.7	51.0 76.4
126	12.1	8.4 12.6





#83

Chrysene

Concen: 6.936 ng

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

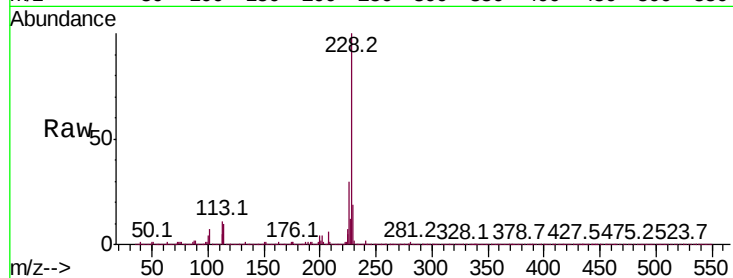
Tot Ion:228 Resp: 387363

Ion Ratio Lower Upper

228 100

226 29.9 24.6 37.0

229 18.7 15.7 23.5



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

21.11

300000

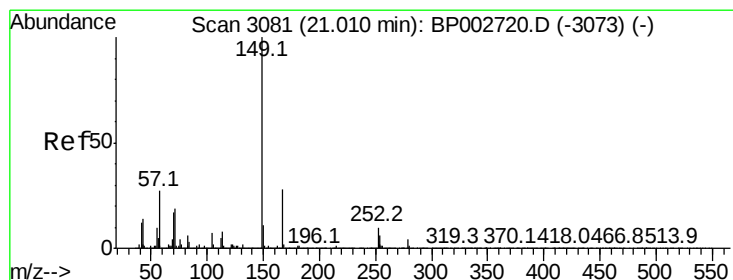
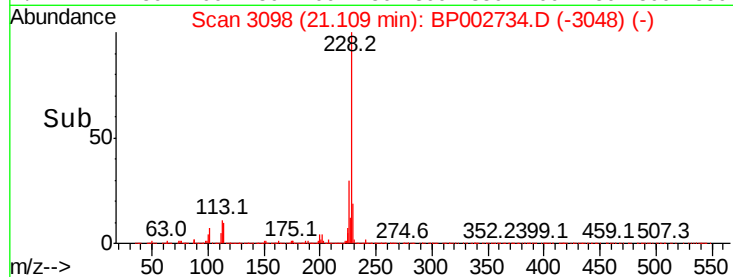
200000

100000

0

21.10 21.20 21.30

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.769 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

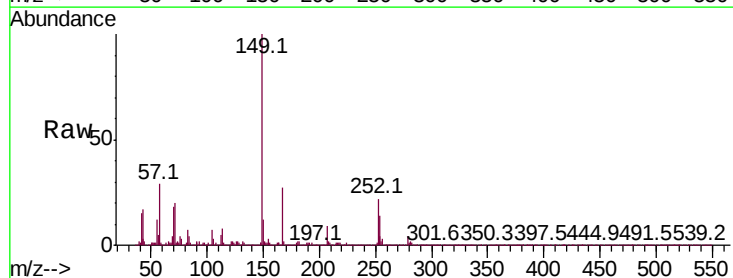
Tgt Ion:149 Resp: 198149

Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 4.1 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.01

250000

200000

150000

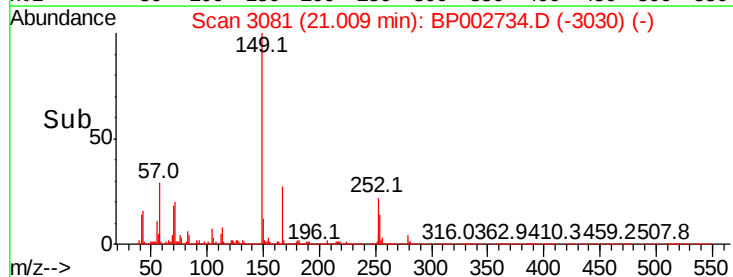
100000

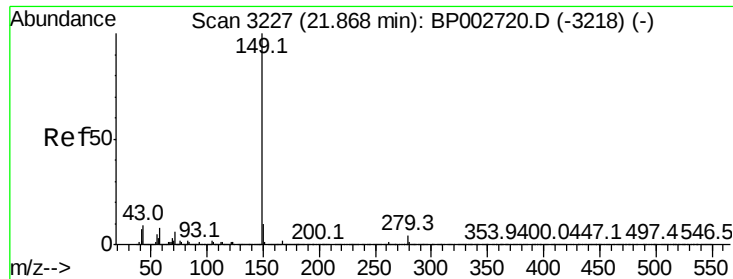
50000

0

20.95 21.05

Time-->





#85

Di-n-octyl phthalate

Concen: 5.315 ng

RT: 21.87 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

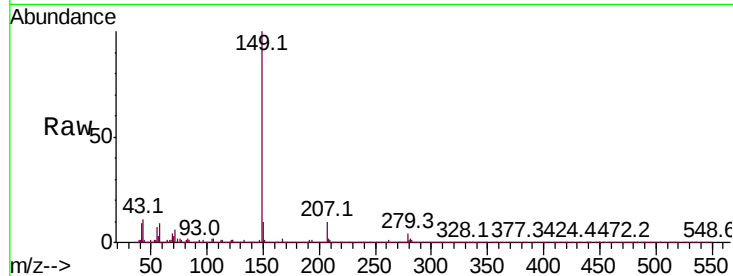
Tot Ion:149 Resp: 328207

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

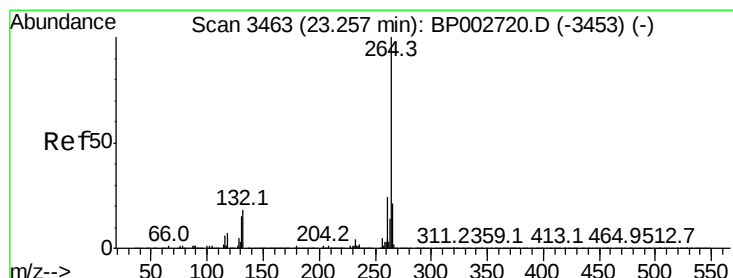
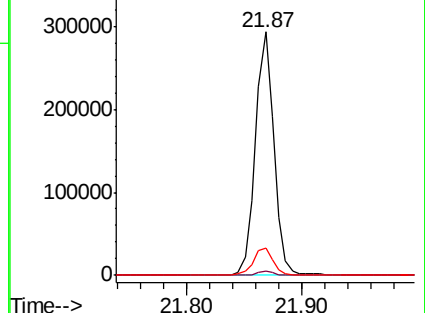
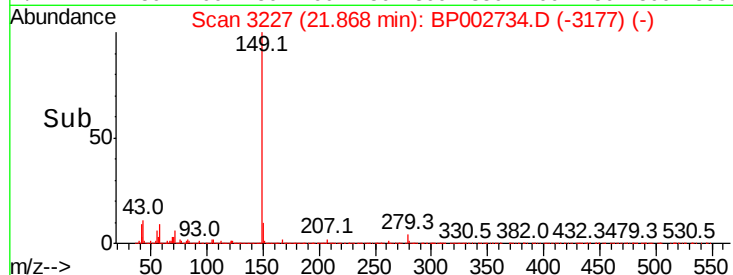
43 11.4 8.2 12.2



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): BP



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.26 min Scan# 3464

Delta R.T. -0.00 min

Lab File: BP002734.D

Acq: 13 Jul 2020 14:05

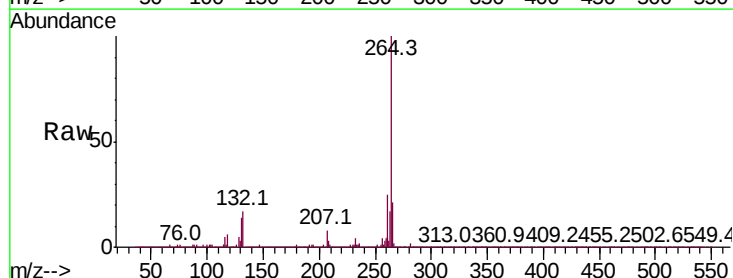
Tgt Ion:264 Resp: 907333

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

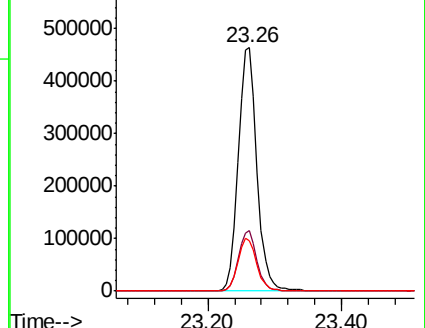
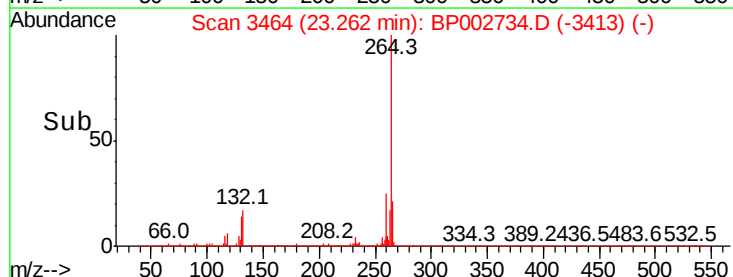
265 20.8 16.8 25.2

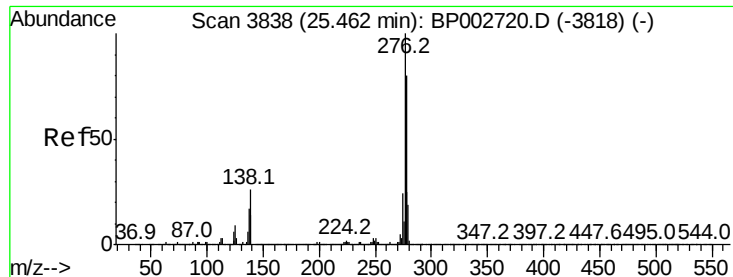


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

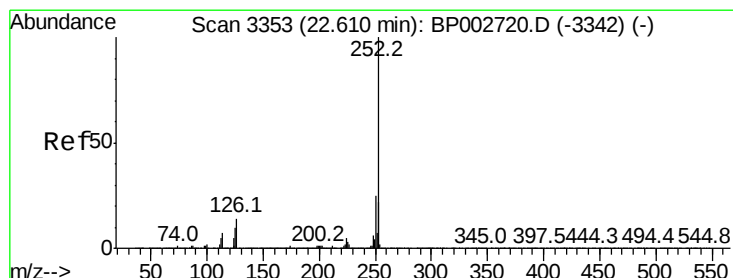
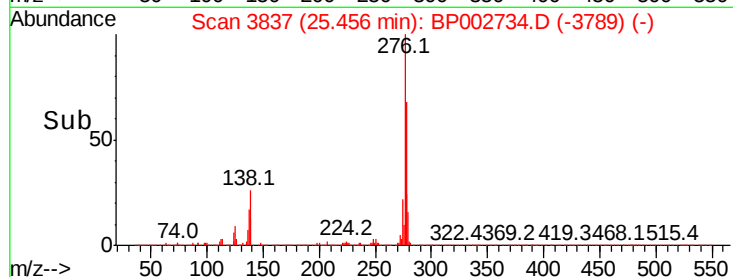
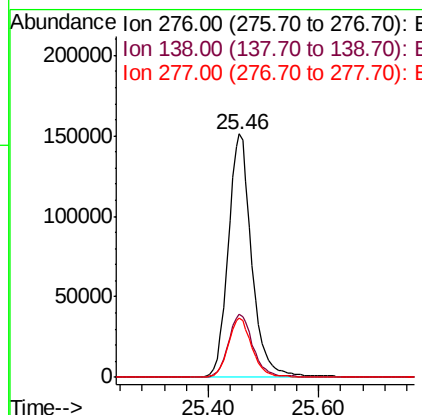
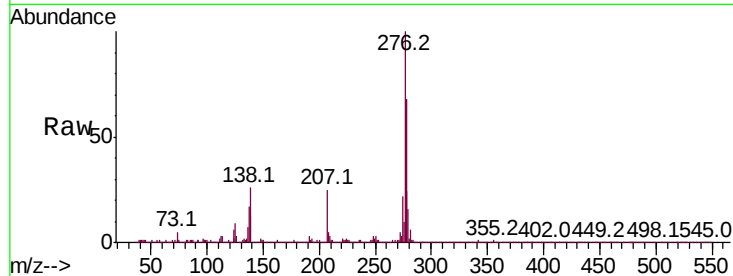




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.869 ng
 RT: 25.46 min Scan# 3837
 Delta R.T. -0.02 min
 Lab File: BP002734.D
 Acq: 13 Jul 2020 14:05

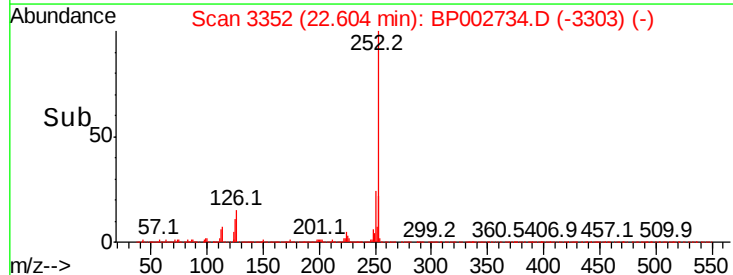
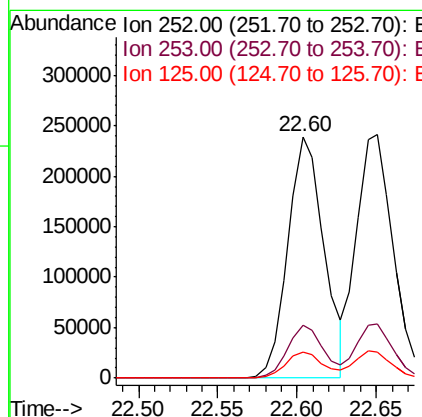
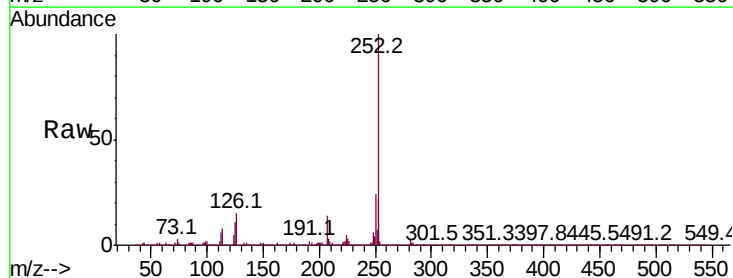
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

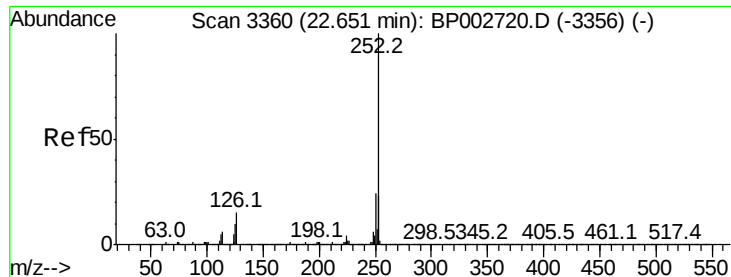
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.8	31.2
277	24.6	20.0	30.0



#88
 Benzo(b)fluoranthene
 Concen: 6.708 ng
 RT: 22.60 min Scan# 3352
 Delta R.T. -0.01 min
 Lab File: BP002734.D
 Acq: 13 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.8	8.2	12.2

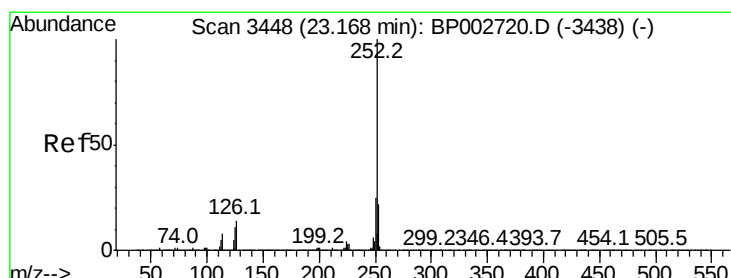
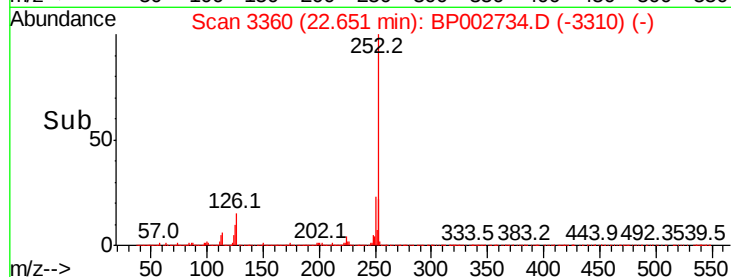
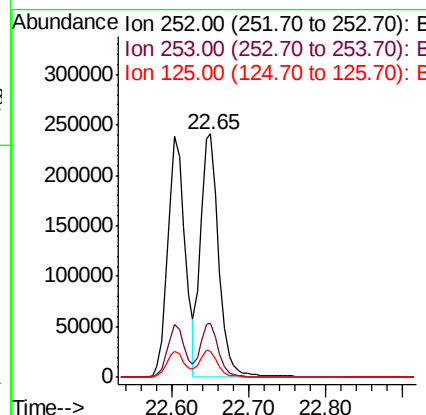
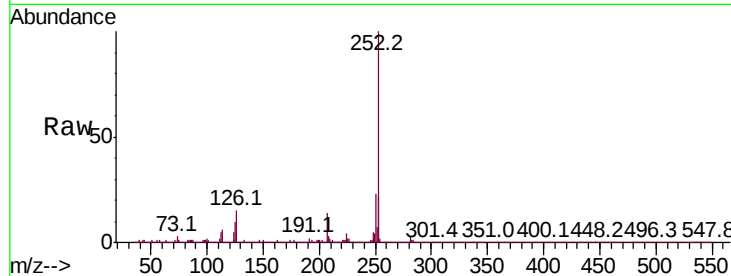




#89
Benzo(k)fluoranthene
Concen: 7.102 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

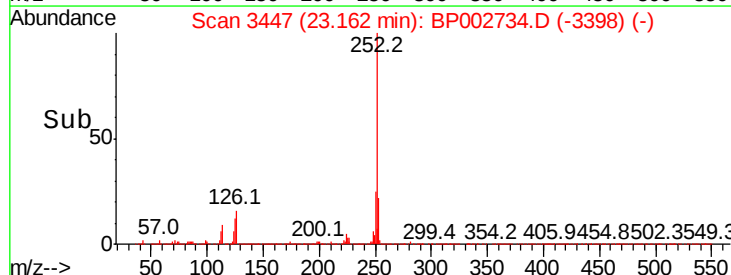
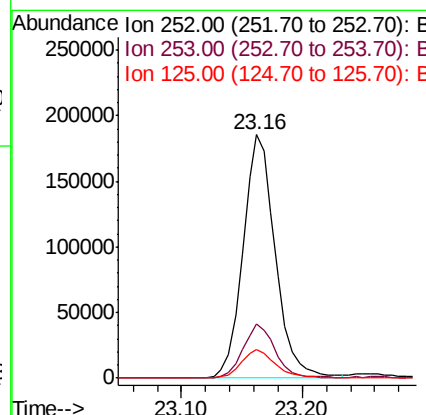
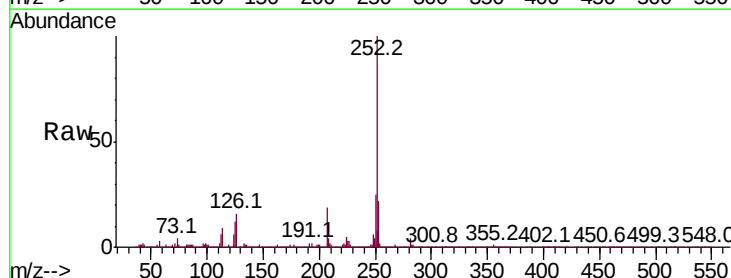
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

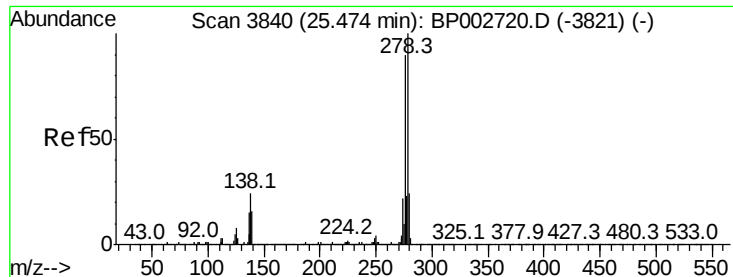
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.5	8.3	12.5



#90
Benzo(a)pyrene
Concen: 6.437 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.9	8.6	13.0

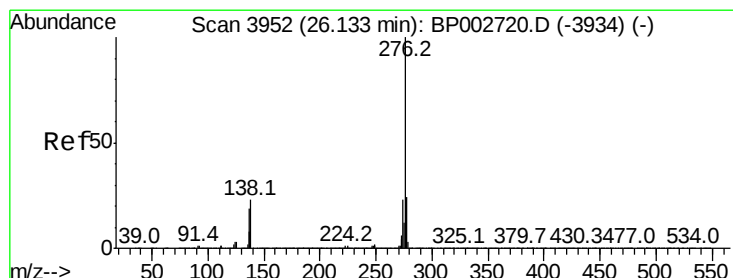
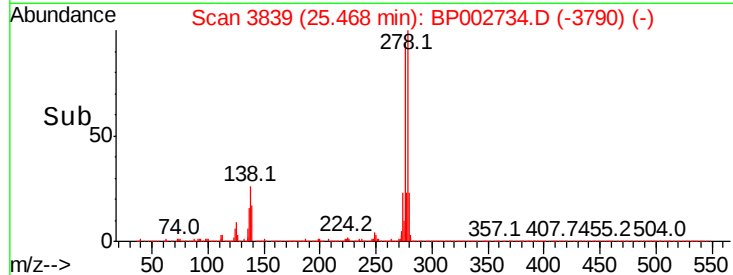
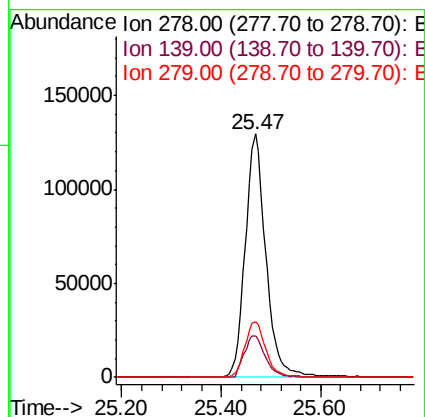
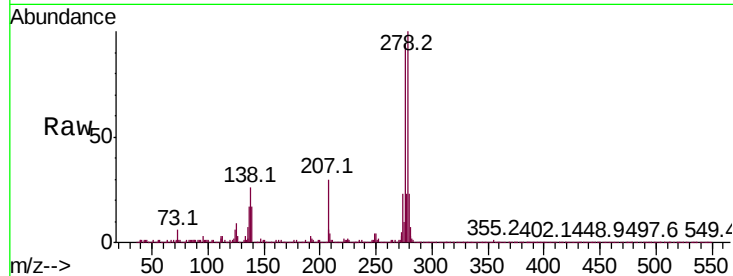




#91
Dibenzo(a,h)anthracene
Concen: 7.068 ng
RT: 25.47 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.1	19.7
279	22.6	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 6.942 ng
RT: 26.12 min Scan# 3950
Delta R.T. -0.02 min
Lab File: BP002734.D
Acq: 13 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.1	28.7
138	23.3	18.3	27.5

