Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002386.D
Acq On : 10 Jun 2020 21:41
Operator : CG/JU
Sample : L1161-07
Misc : LOD-MDL-W-8PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2020

Quant Time: Jun 11 04:44:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	151131	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	598695	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	374026	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	798275	20.00	ng		0.00
76) Chrysene-d12	21.10	240	748550	20.00	ng		-0.01
86) Perylene-d12	23.29	264	838180	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1423680	174.31	ng		0.00
7) Phenol-d6	6.78	99	1885997	173.44	ng		0.00
23) Nitrobenzene-d5	8.73	82	1272264	126.91	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	665308	185.79	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	2569893	115.53	ng		0.00
79) Terphenyl-d14	19.59	244	3412105	119.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	34499	9.170	ng		99
3) Pyridine	3.55	79	79777	7.802	ng		98
4) n-Nitrosodimethylamine	3.46	42	34949	8.294	ng		99
6) Aniline	6.92	93	127177	8.600	ng		96
8) 2-Chlorophenol	7.16	128	77745	8.466	ng		93
9) Benzaldehyde	6.73	77	76797	13.823	ng		96
10) Phenol	6.80	94	102713	8.709	ng		97
11) bis(2-Chloroethyl)ether	7.03	93	83163	8.446	ng		99
12) 1,3-Dichlorobenzene	7.48	146	86930	8.221	ng		98
13) 1,4-Dichlorobenzene	7.63	146	89926	8.452	ng		97
14) 1,2-Dichlorobenzene	7.94	146	85062	8.346	ng		99
15) Benzyl Alcohol	7.83	79	65690	7.794	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	115436	8.262	ng		99
17) 2-Methylphenol	8.04	107	65065	7.550	ng		99
18) Hexachloroethane	8.66	117	31793	8.203	ng		91
19) n-Nitroso-di-n-propylamine	8.39	70	65930	9.071	ng		99
20) 3+4-Methylphenols	8.36	107	87952	7.562	ng		98
22) Acetophenone	8.40	105	130890	9.731	ng	#	99
24) Nitrobenzene	8.78	77	101139	9.385	ng		98
25) Isophorone	9.30	82	178921	8.763	ng		99
26) 2-Nitrophenol	9.48	139	37040	7.713	ng		92
27) 2,4-Dimethylphenol	9.56	122	60931	8.088	ng		95
28) bis(2-Chloroethoxy)methane	9.79	93	112249	9.230	ng		99
29) 2,4-Dichlorophenol	10.02	162	67122	7.915	ng		97
30) 1,2,4-Trichlorobenzene	10.23	180	81476	8.619	ng		98
31) Naphthalene	10.41	128	255139	9.173	ng		99
32) Benzoic acid	9.64	122	8512	1.485	ng		92
33) 4-Chloroaniline	10.52	127	100799	8.301	ng		99
34) Hexachlorobutadiene	10.72	225	45446	8.239	ng		95
35) Caprolactam	11.26	113	24442	8.172	ng		94
36) 4-Chloro-3-methylphenol	11.66	107	76261	8.311	ng		97
37) 2-Methylnaphthalene	12.03	142	182012	9.220	ng		99
38) 1-Methylnaphthalene	12.26	142	169182	9.130	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	90930	9.223	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002386.D
Acq On : 10 Jun 2020 21:41
Operator : CG/JU
Sample : L1161-07
Misc : LOD-MDL-W-8PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2020

Quant Time: Jun 11 04:44:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	35009	6.679 ng	93
43) 2,4,6-Trichlorophenol	12.66	196	53238	7.630 ng	97
44) 2,4,5-Trichlorophenol	12.73	196	59866	7.409 ng	96
46) 1,1'-Biphenyl	13.06	154	243285	9.925 ng	99
47) 2-Chloronaphthalene	13.10	162	179386	8.946 ng	96
48) 2-Nitroaniline	13.30	65	46676	7.292 ng	95
49) Acenaphthylene	13.95	152	285011	8.906 ng	100
50) Dimethylphthalate	13.70	163	222674	8.689 ng	100
51) 2,6-Dinitrotoluene	13.81	165	44257	7.952 ng	97
52) Acenaphthene	14.30	154	171231	9.133 ng	99
53) 3-Nitroaniline	14.14	138	43565	6.855 ng	98
54) 2,4-Dinitrophenol	14.35	184	11878	3.891 ng	96
55) Dibenzofuran	14.64	168	279098	9.246 ng	99
56) 4-Nitrophenol	14.46	139	31584	6.259 ng	94
57) 2,4-Dinitrotoluene	14.60	165	56297	7.431 ng	97
58) Fluorene	15.29	166	217457	9.159 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	49864	7.774 ng	96
60) Diethylphthalate	15.08	149	222489	8.664 ng	96
61) 4-Chlorophenyl-phenylether	15.30	204	112520	9.777 ng	97
62) 4-Nitroaniline	15.30	138	44992	7.368 ng	97
63) Azobenzene	15.59	77	232706	9.104 ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	26557	6.304 ng	93
66) n-Nitrosodiphenylamine	15.51	169	193649	9.496 ng	97
67) 4-Bromophenyl-phenylether	16.19	248	64973	8.592 ng	97
68) Hexachlorobenzene	16.30	284	69992	8.722 ng	90
69) Atrazine	16.47	200	67666	10.172 ng	97
70) Pentachlorophenol	16.65	266	29475	6.139 ng	96
71) Phenanthrene	17.03	178	359356	9.623 ng	99
72) Anthracene	17.13	178	349318	9.417 ng	98
73) Carbazole	17.40	167	322114	8.827 ng	99
74) Di-n-butylphthalate	17.99	149	356145	8.247 ng	98
75) Fluoranthene	19.02	202	408257	9.159 ng	99
77) Benzidine	19.20	184	194486	11.628 ng	99
78) Pyrene	19.37	202	437038	9.532 ng	98
80) Butylbenzylphthalate	20.27	149	151072	7.412 ng	99
81) Benzo(a)anthracene	21.08	228	411258	9.625 ng	97
82) 3,3'-Dichlorobenzidine	21.02	252	148468	9.350 ng	98
83) Chrysene	21.13	228	396789	9.802 ng	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	248168	8.370 ng	98
85) Di-n-octyl phthalate	21.91	149	403678	7.763 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	451243	8.607 ng	98
88) Benzo(b)fluoranthene	22.64	252	385374	8.526 ng	98
89) Benzo(k)fluoranthene	22.68	252	408204	9.505 ng	97
90) Benzo(a)pyrene	23.20	252	355686	8.397 ng	99
91) Dibenzo(a,h)anthracene	25.52	278	380219	9.041 ng	99
92) Benzo(g,h,i)perylene	26.17	276	376412	8.642 ng	97

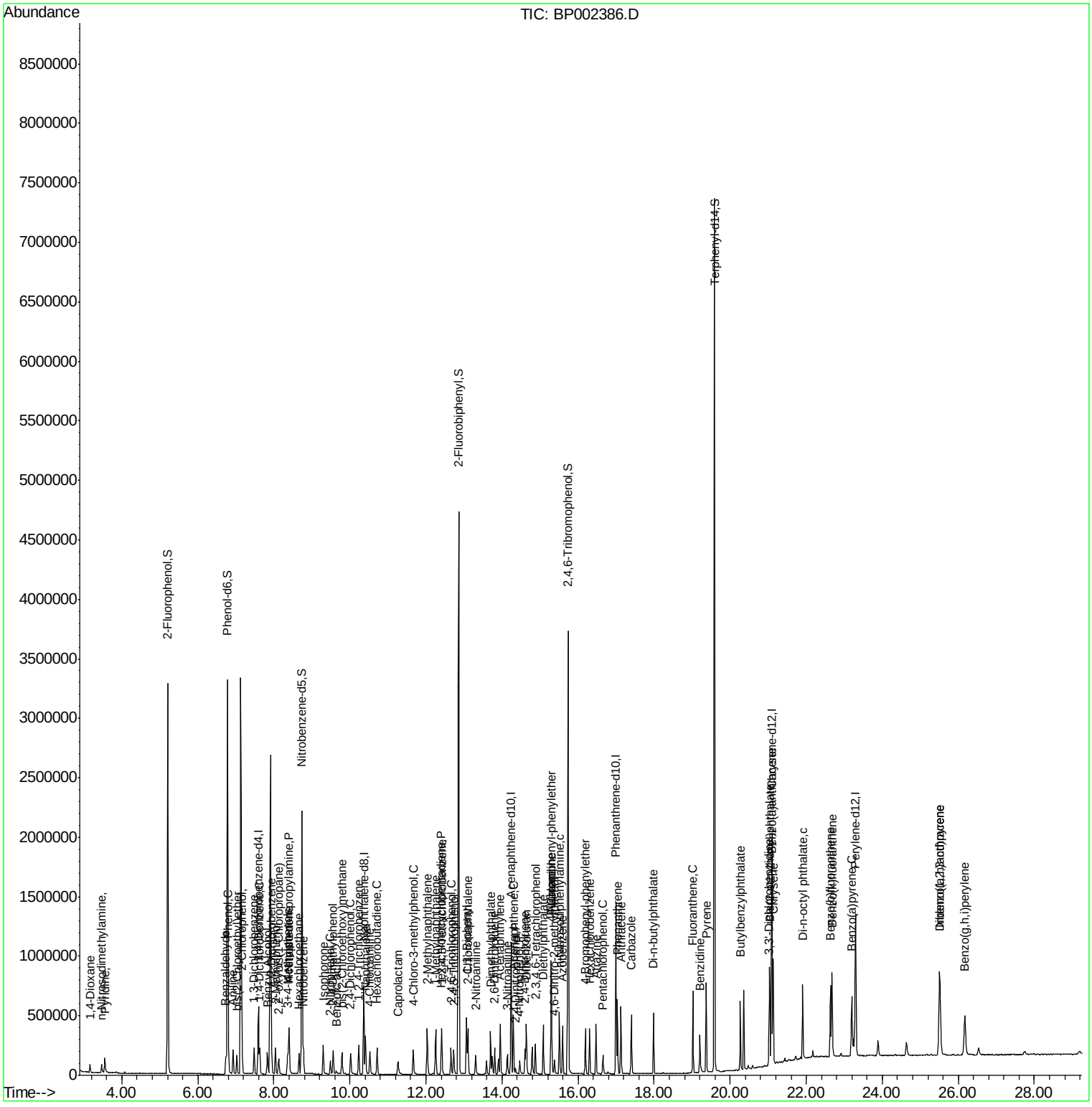
(#) = qualifier out of range (m) = manual integration (+) = signals summed

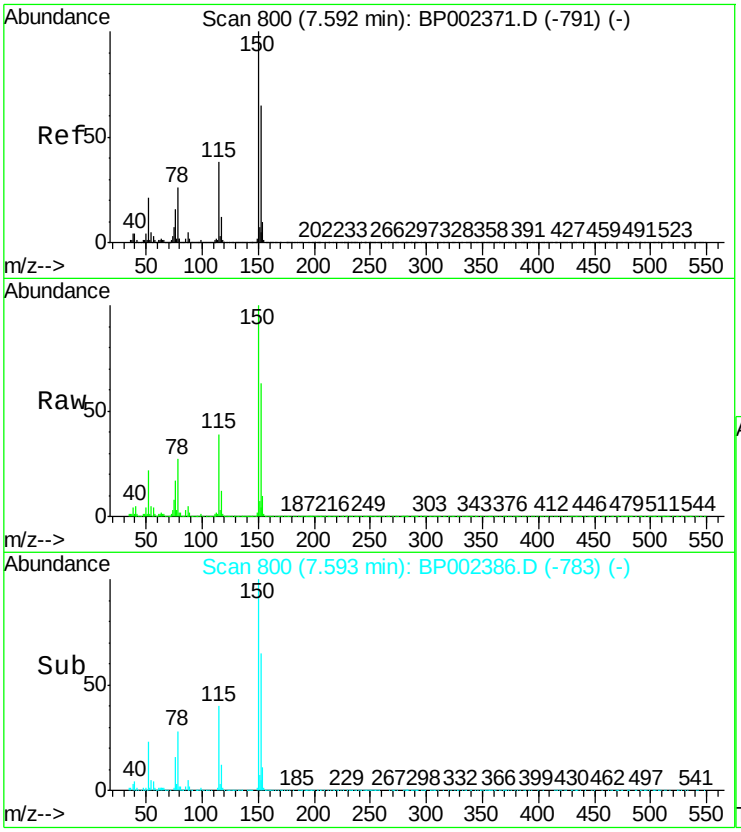
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002386.D
Acq On : 10 Jun 2020 21:41
Operator : CG/JU
Sample : L1161-07
Misc : LOD-MDL-W-8PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Quant Time: Jun 11 04:44:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration



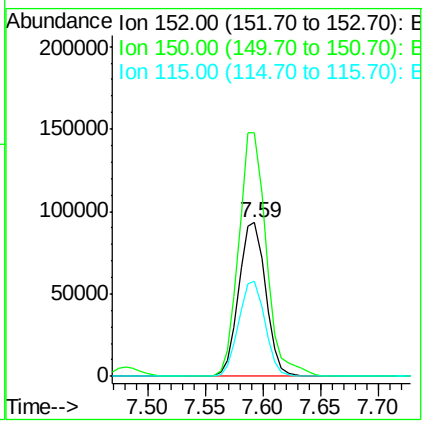


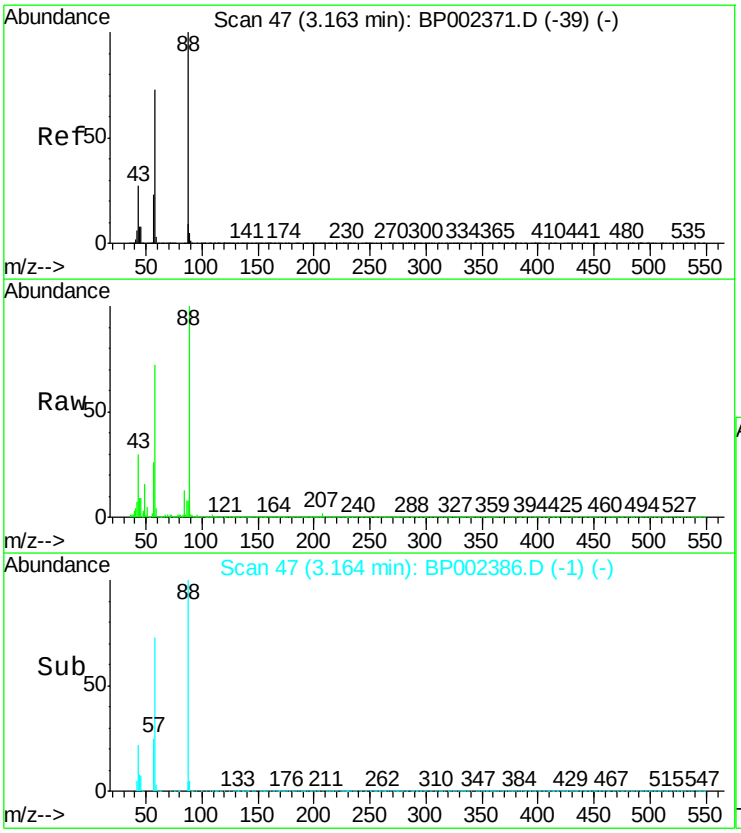
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:152 Resp: 151131

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.0	186.0
115	61.7	47.4	71.0

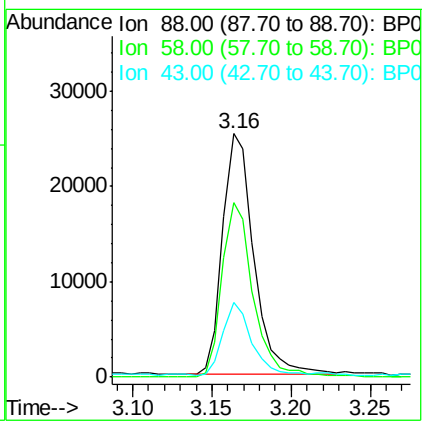


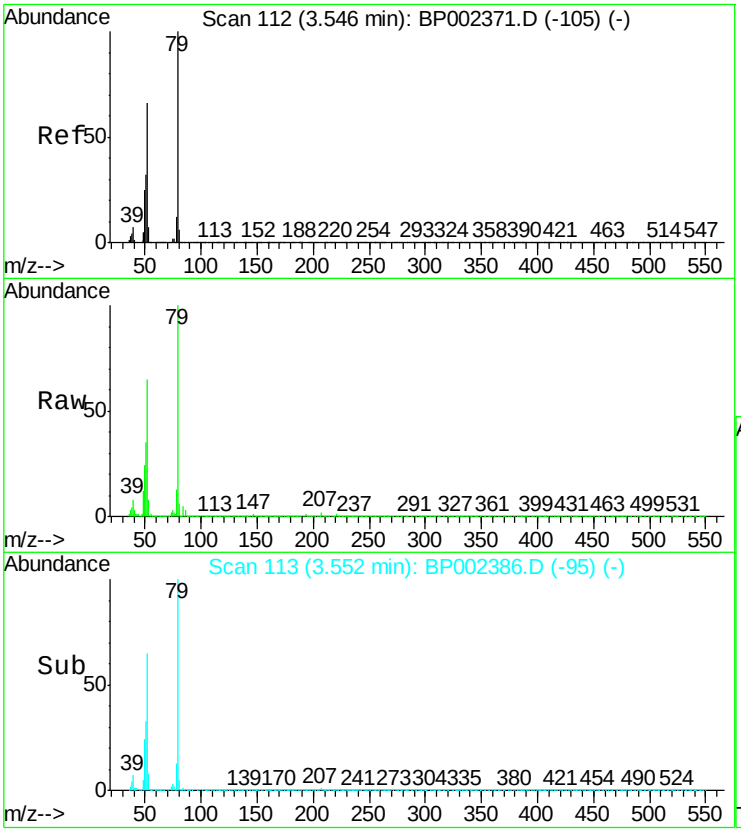


#2
1,4-Dioxane
Concen: 9.170 ng
RT: 3.16 min Scan# 47
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion: 88 Resp: 34499

Ion	Ratio	Lower	Upper
88	100		
58	72.4	58.2	87.4
43	27.9	21.8	32.8



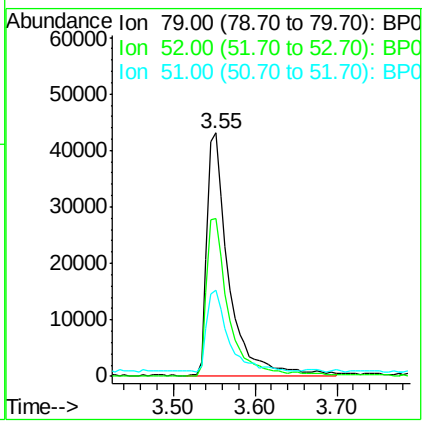


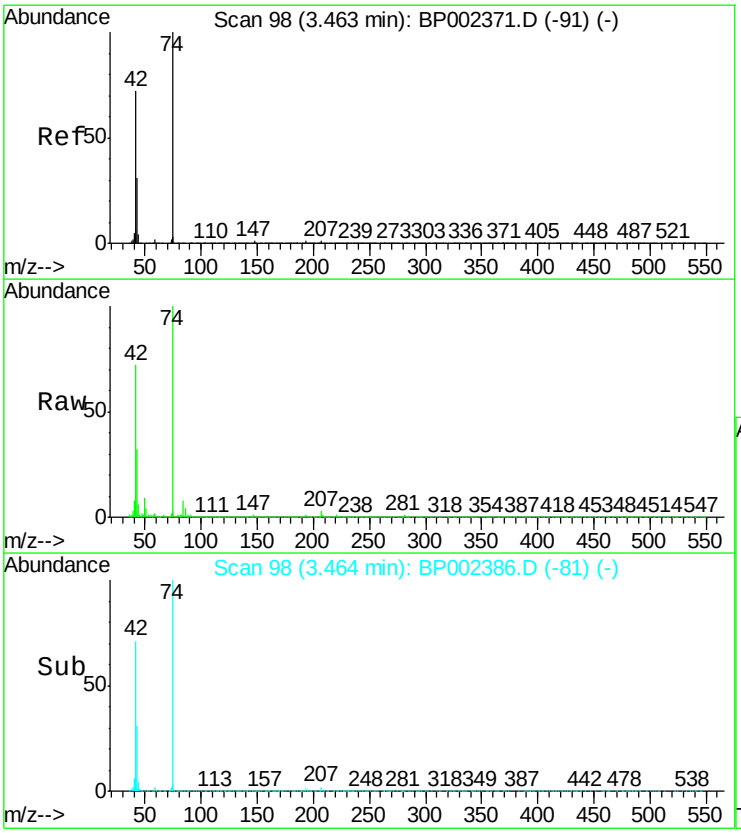
#3
Pyridine
Concen: 7.802 ng
RT: 3.55 min Scan# 113
Delta R.T. 0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 79 Resp: 79777

Ion	Ratio	Lower	Upper
79	100		
52	64.8	52.5	78.7
51	35.2	26.1	39.1

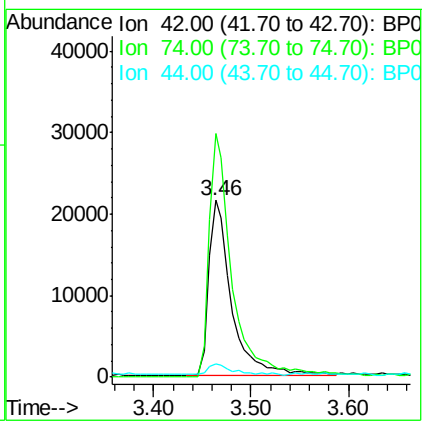


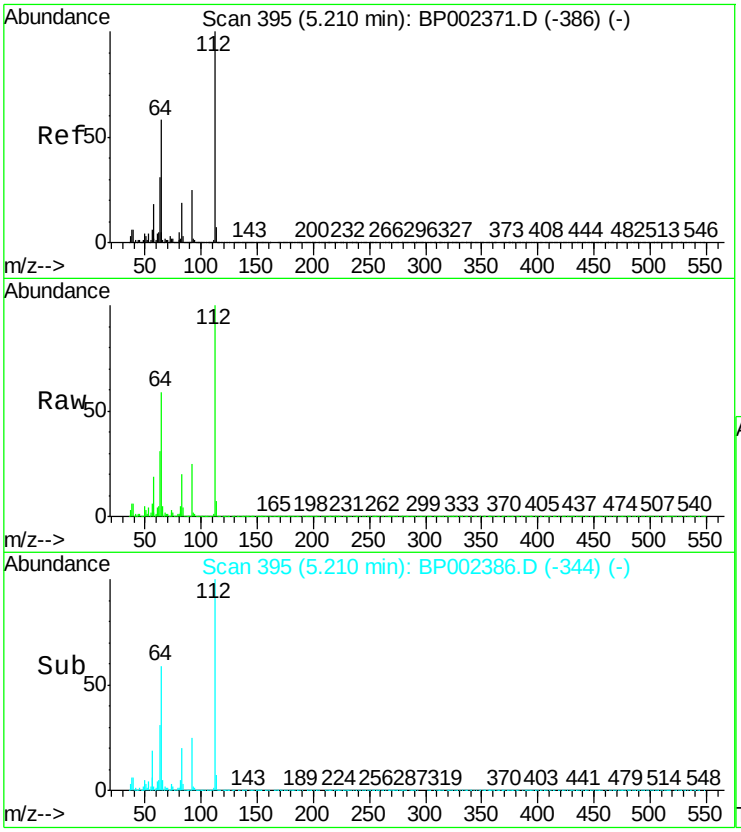


#4
n-Nitrosodimethylamine
Concen: 8.294 ng
RT: 3.46 min Scan# 98
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion: 42 Resp: 34949

Ion	Ratio	Lower	Upper
42	100		
74	138.0	111.1	166.7
44	7.8	5.4	8.0



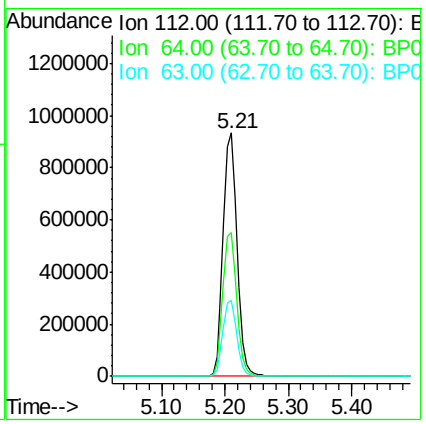


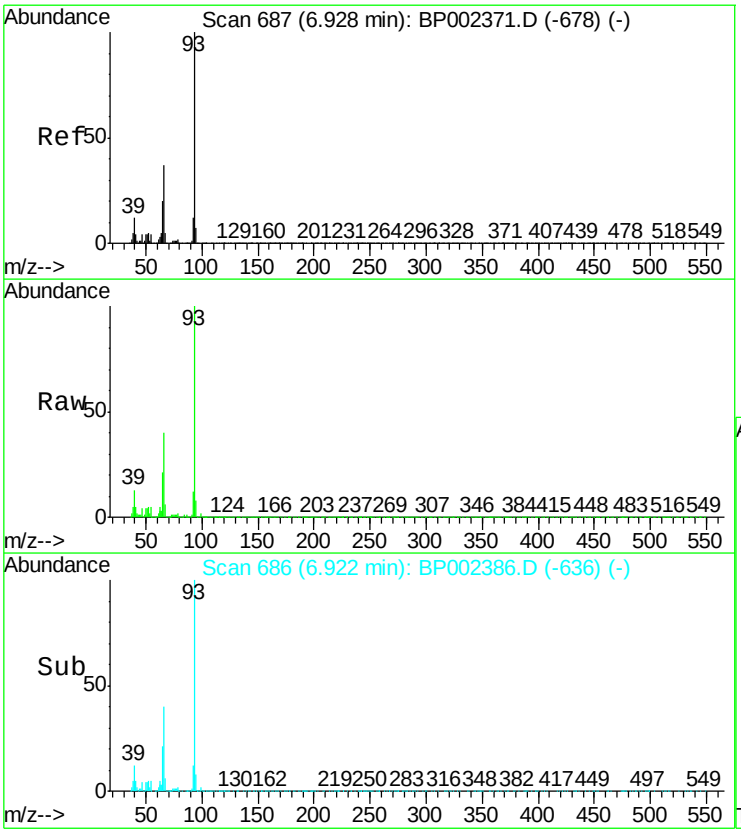
#5
2-Fluorophenol
Concen: 174.312 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:112 Resp: 1423680

Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.2	69.2
63	31.3	24.5	36.7

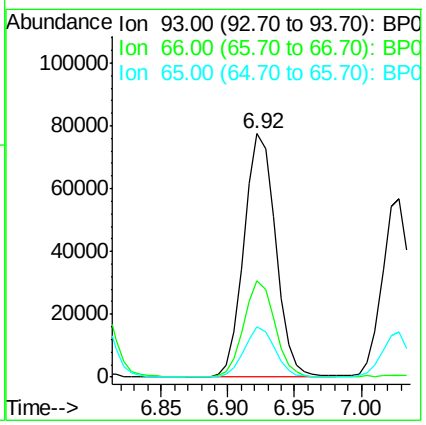


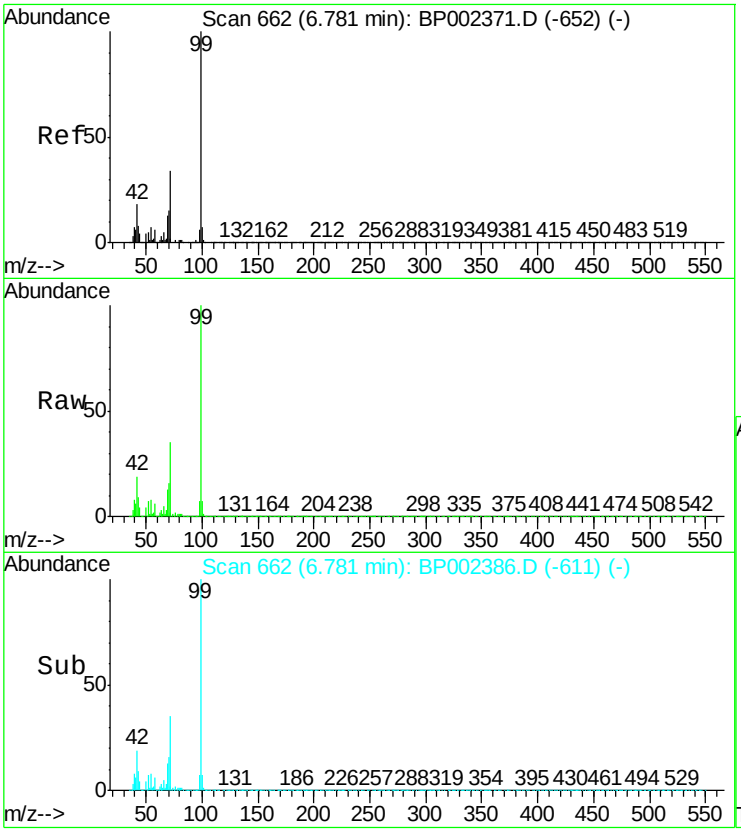


#6
Aniline
Concen: 8.600 ng
RT: 6.92 min Scan# 686
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion: 93 Resp: 127177

Ion	Ratio	Lower	Upper
93	100		
66	39.8	29.8	44.6
65	20.8	15.7	23.5



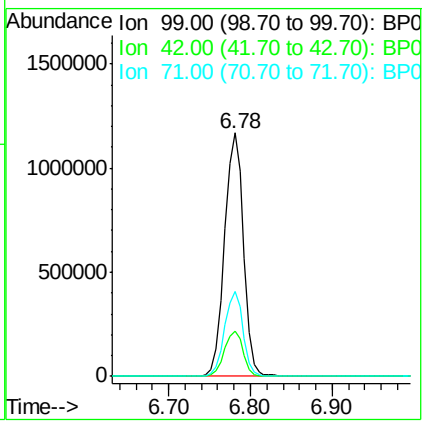


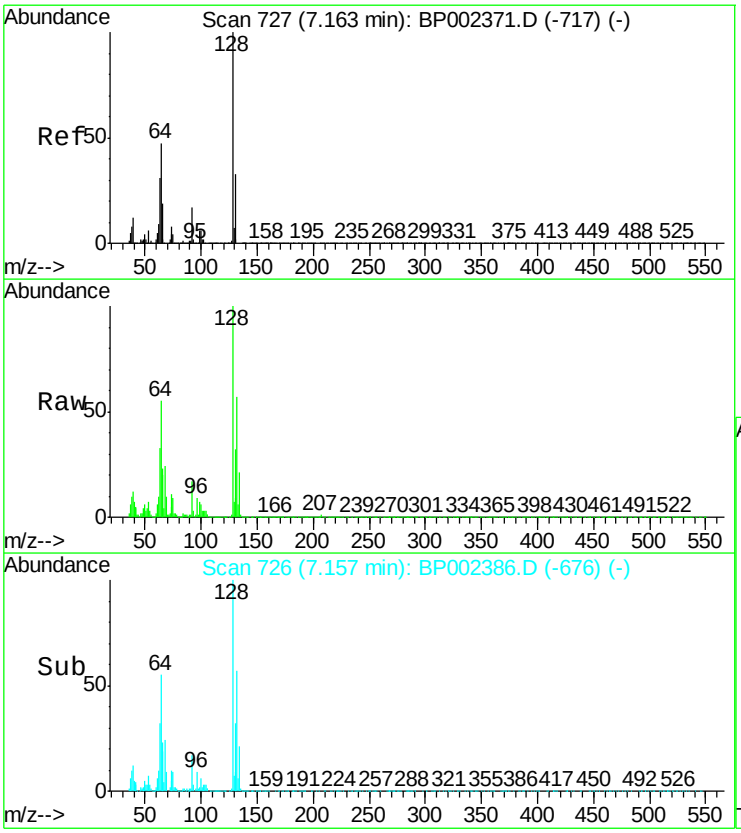
#7
Phenol-d6
Concen: 173.441 ng
RT: 6.78 min Scan# 662
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 99 Resp: 1885997

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	22.0
71	34.7	27.2	40.8

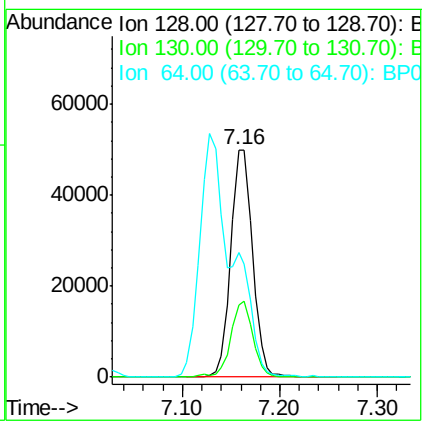


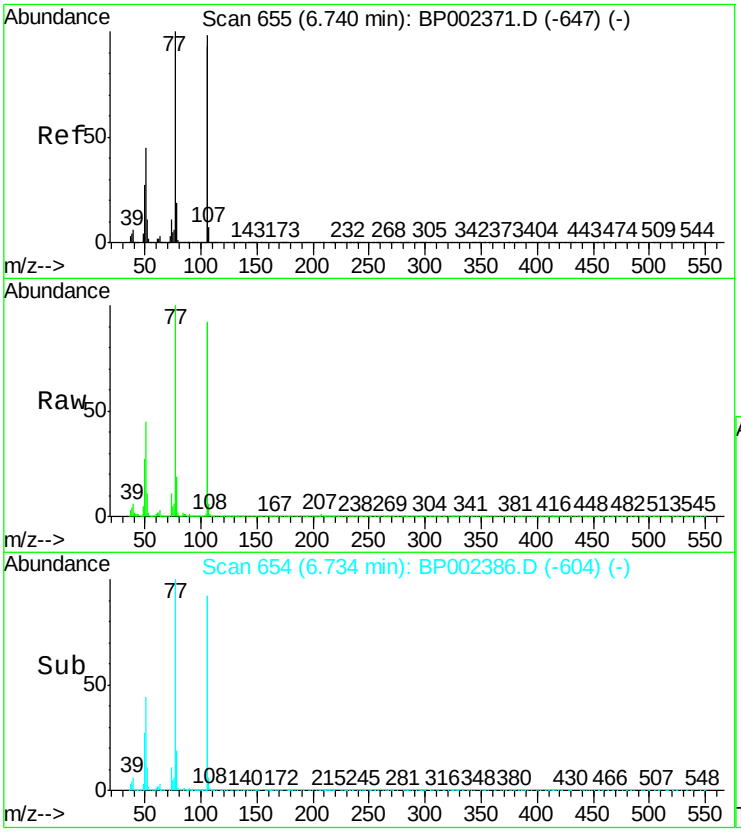


#8
2-Chlorophenol
Concen: 8.466 ng
RT: 7.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:128 Resp: 77745

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.5	52.5
64	54.9	27.7	67.7



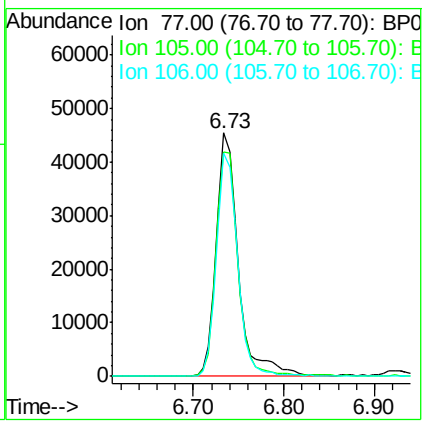


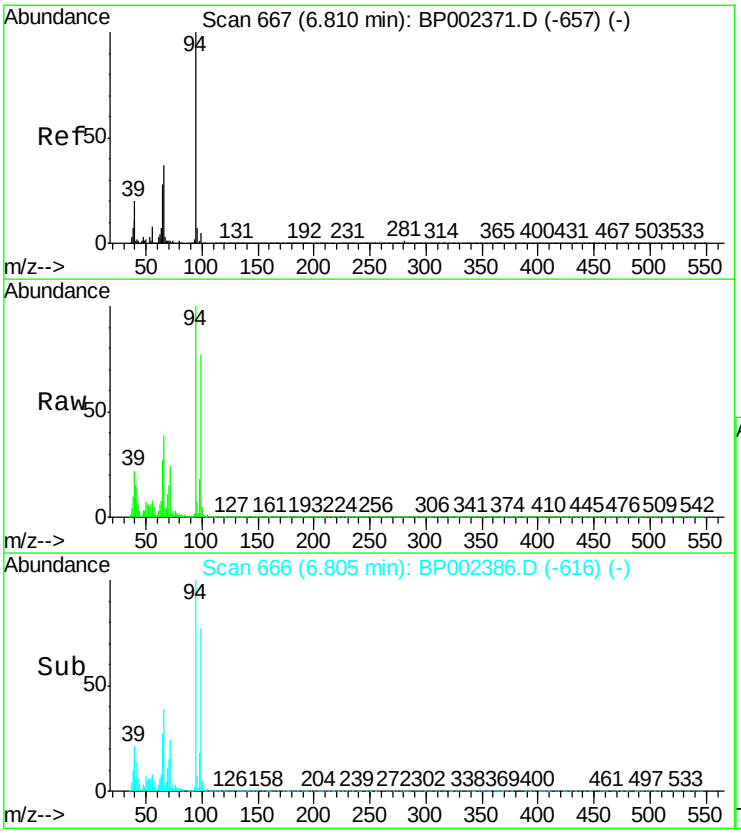
#9
Benzaldehyde
Concen: 13.823 ng
RT: 6.73 min Scan# 654
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 77 Resp: 76797

Ion	Ratio	Lower	Upper
77	100		
105	92.2	78.1	118.1
106	91.5	73.2	113.2

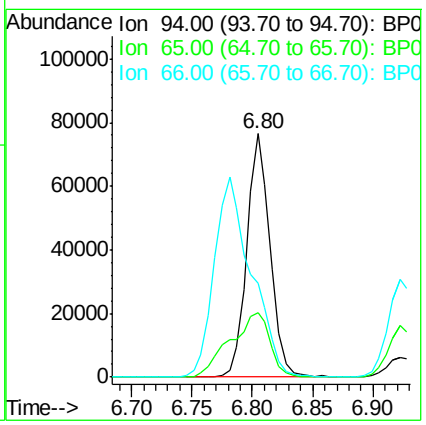


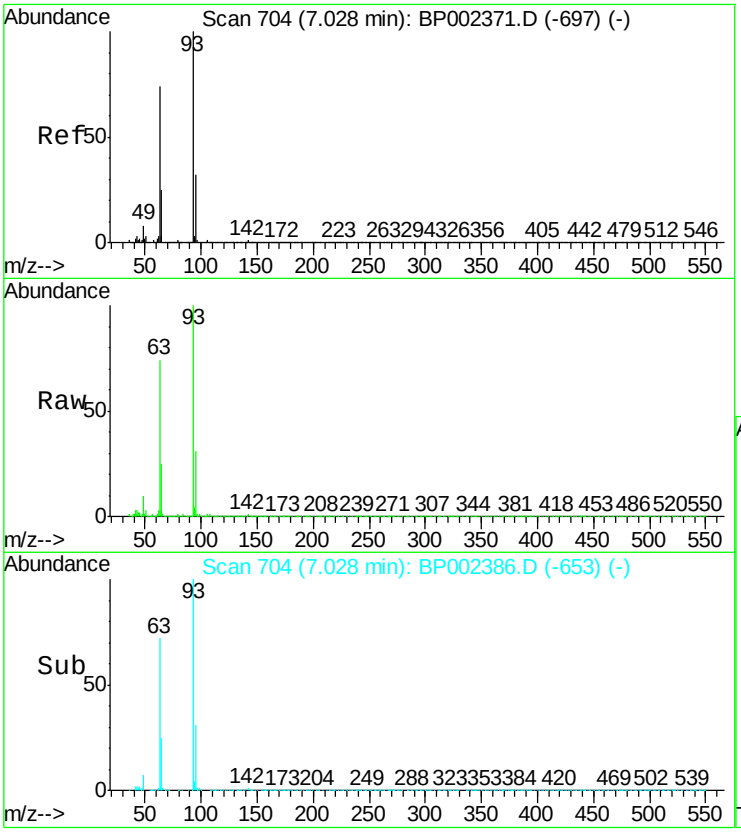


#10
Phenol
Concen: 8.709 ng
RT: 6.80 min Scan# 666
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion: 94 Resp: 102713

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.7	47.7
66	38.7	16.9	56.9



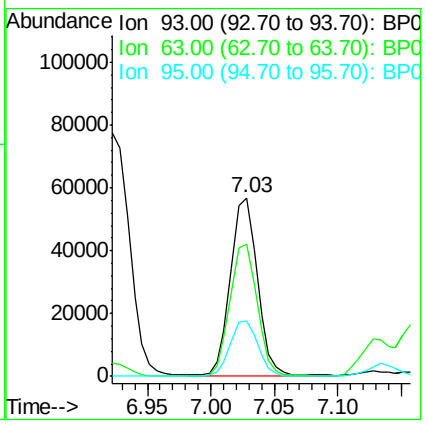


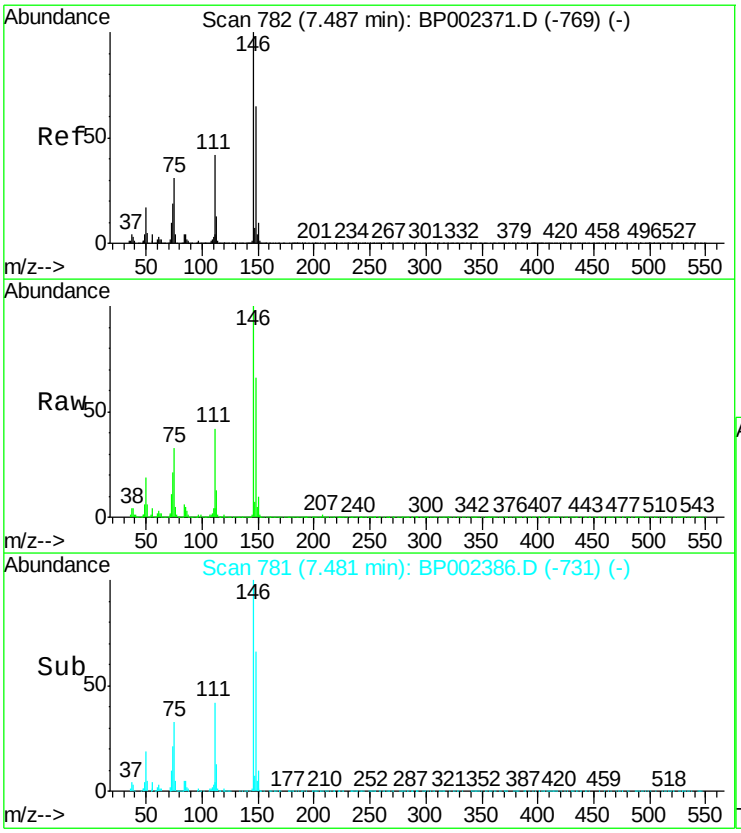
#11
bis(2-Chloroethyl)ether
Concen: 8.446 ng
RT: 7.03 min Scan# 704
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 93 Resp: 83163

Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.2	94.2
95	31.1	11.8	51.8

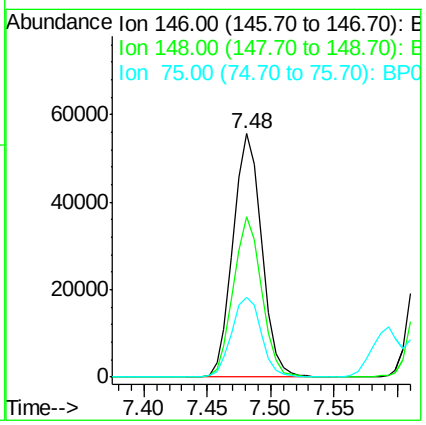


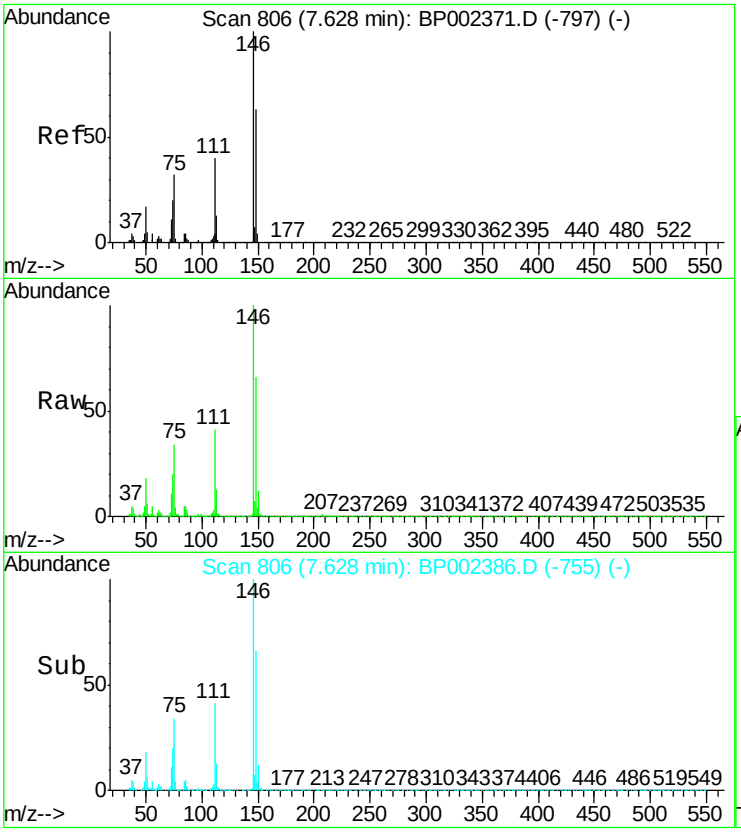


#12
1,3-Dichlorobenzene
Concen: 8.221 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:146 Resp: 86930

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.6	77.4
75	33.0	25.0	37.4



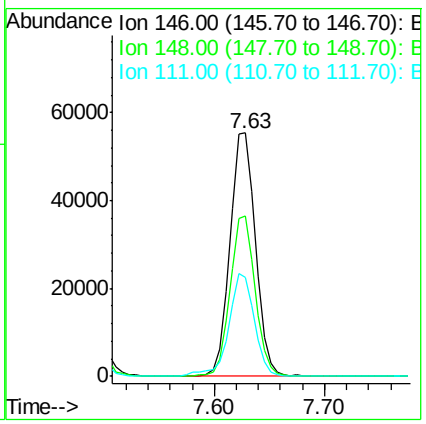


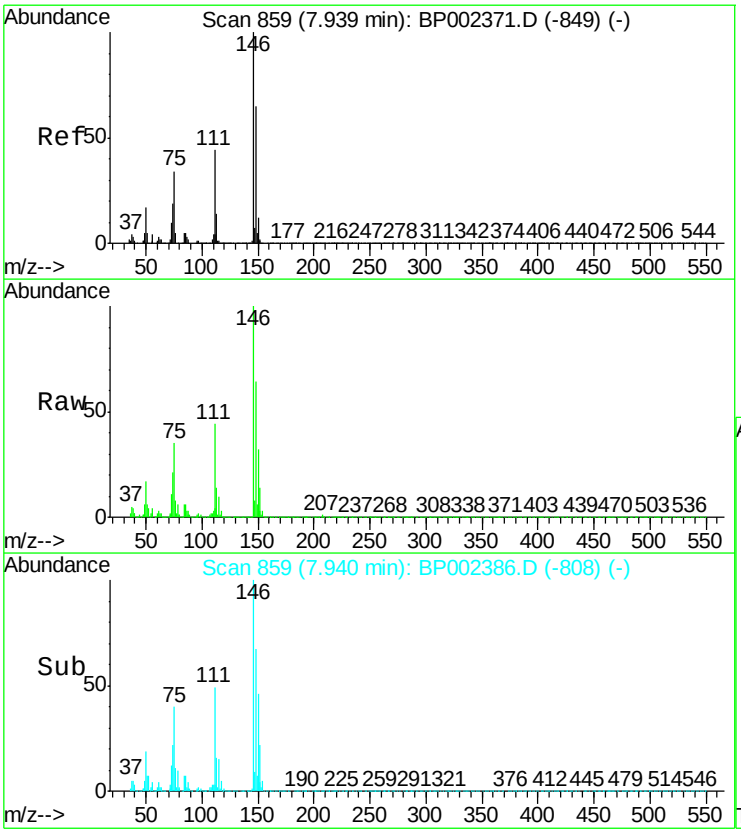
#13
1,4-Dichlorobenzene
Concen: 8.452 ng
RT: 7.63 min Scan# 806
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:146 Resp: 89926

Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.7	76.1
111	40.8	32.2	48.2

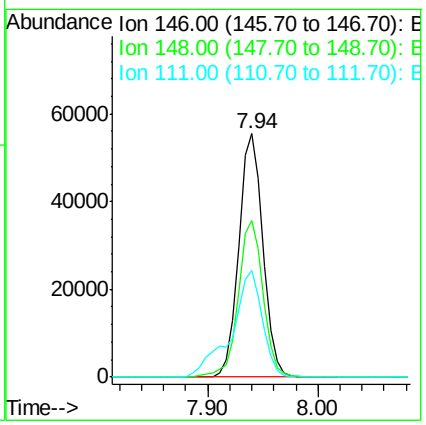


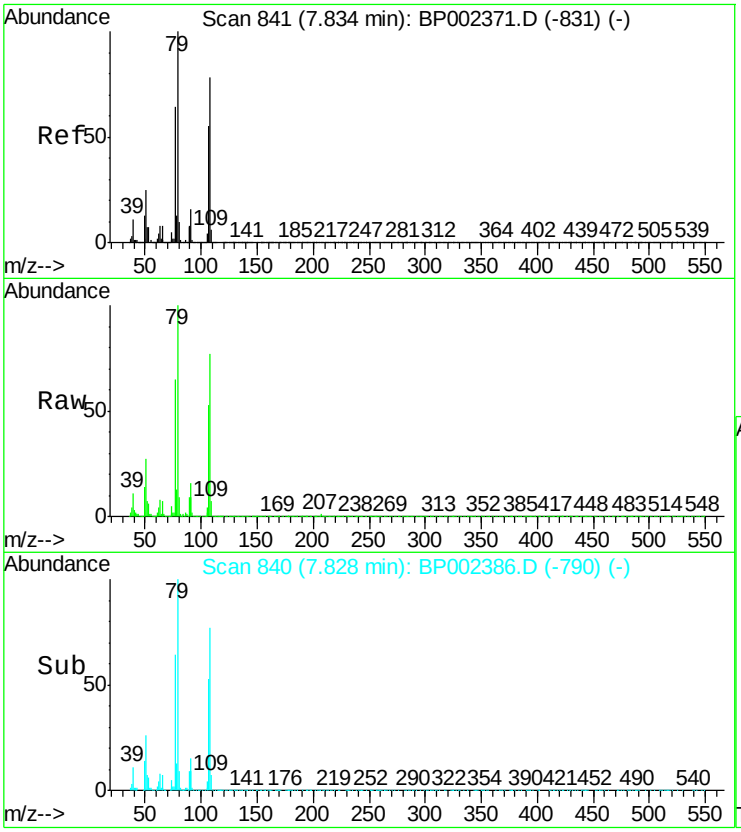


#14
1,2-Dichlorobenzene
Concen: 8.346 ng
RT: 7.94 min Scan# 859
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:146 Resp: 85062

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	43.6	35.4	53.2



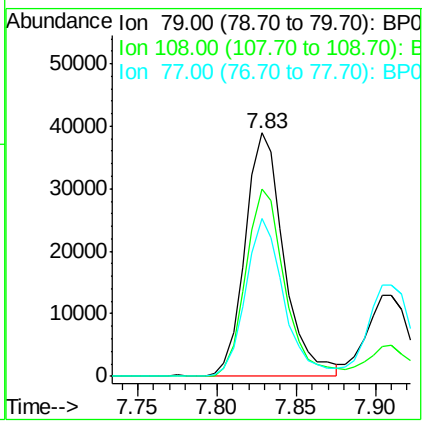


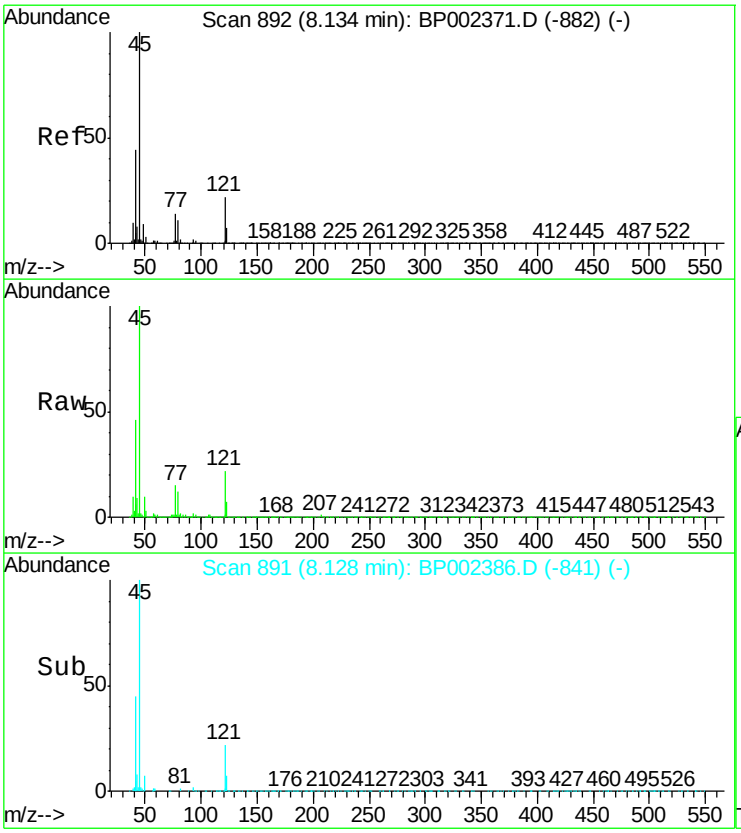
#15
Benzyl Alcohol
Concen: 7.794 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 79 Resp: 65690

Ion	Ratio	Lower	Upper
79	100		
108	77.0	62.6	94.0
77	64.6	51.5	77.3

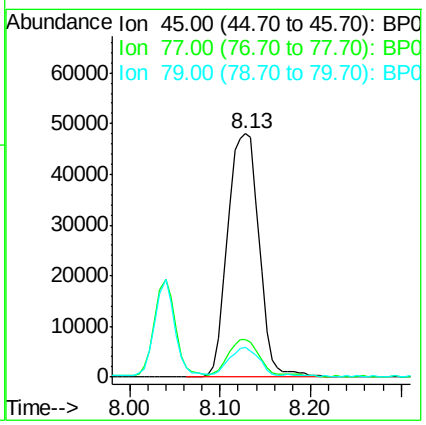


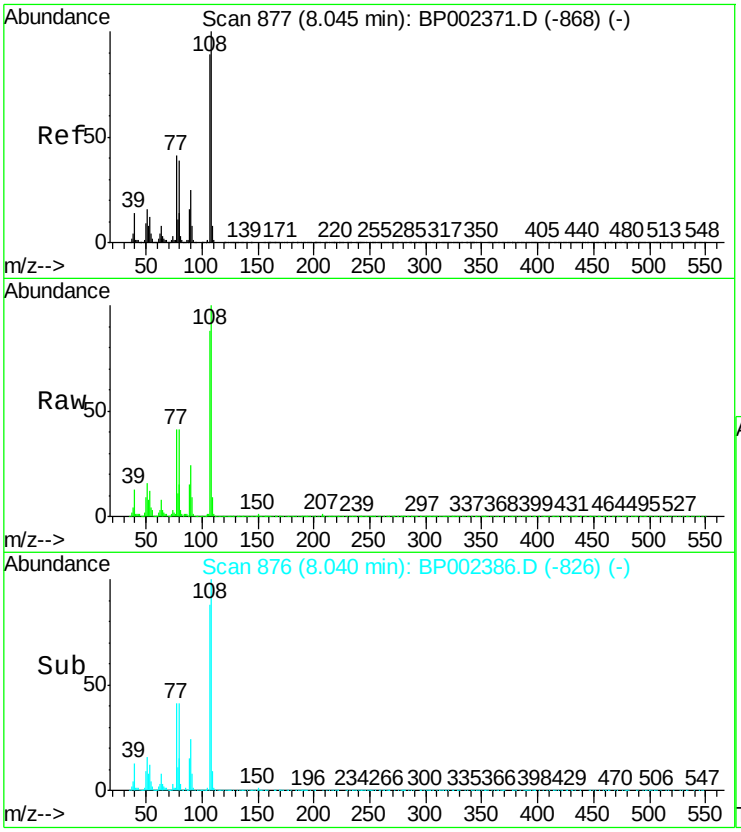


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.262 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion: 45 Resp: 115436

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.0
79	12.2	0.0	32.0



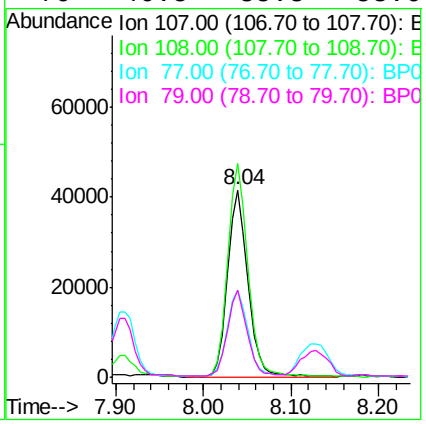


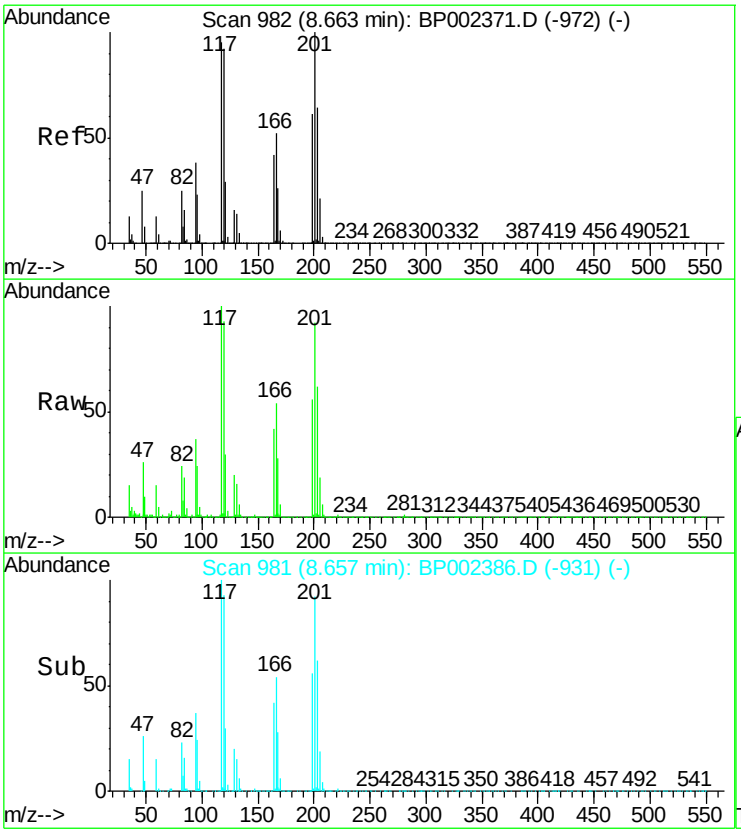
#17
2-Methylphenol
Concen: 7.550 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:107 Resp: 65065

Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.3	135.5
77	46.7	37.1	55.7
79	46.5	35.8	53.6

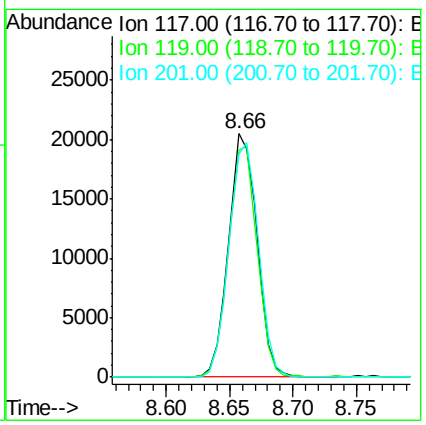


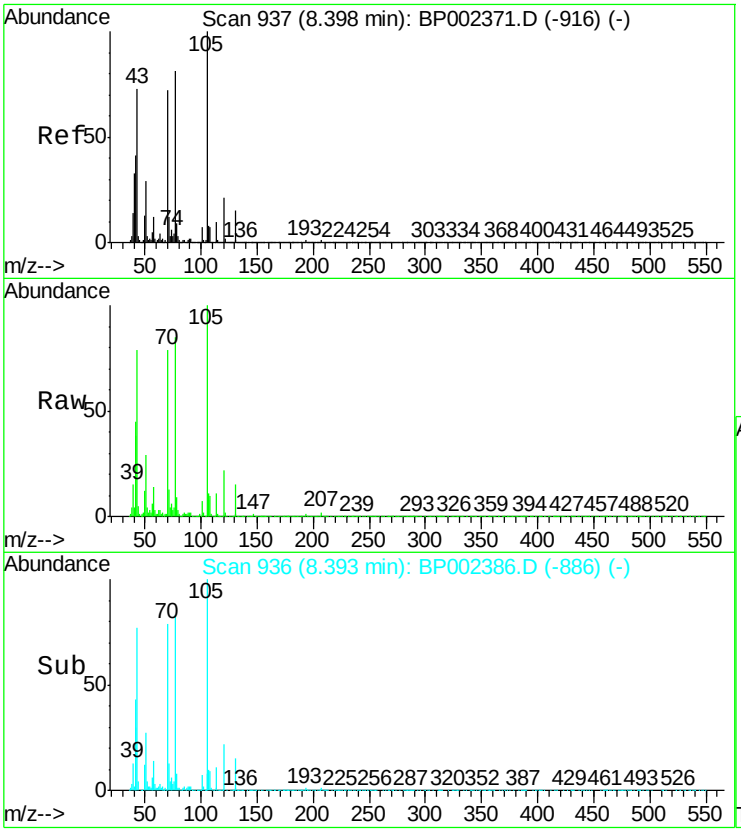


#18
Hexachloroethane
Concen: 8.203 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:117 Resp: 31793

Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.8	116.8
201	91.5	84.2	126.4



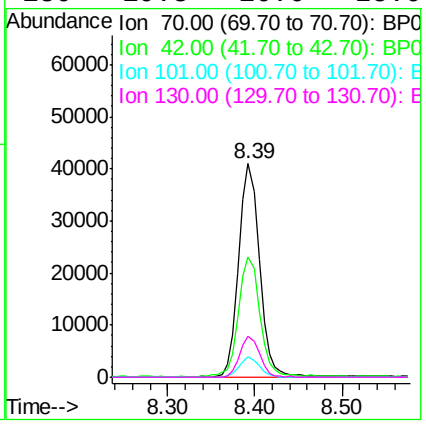


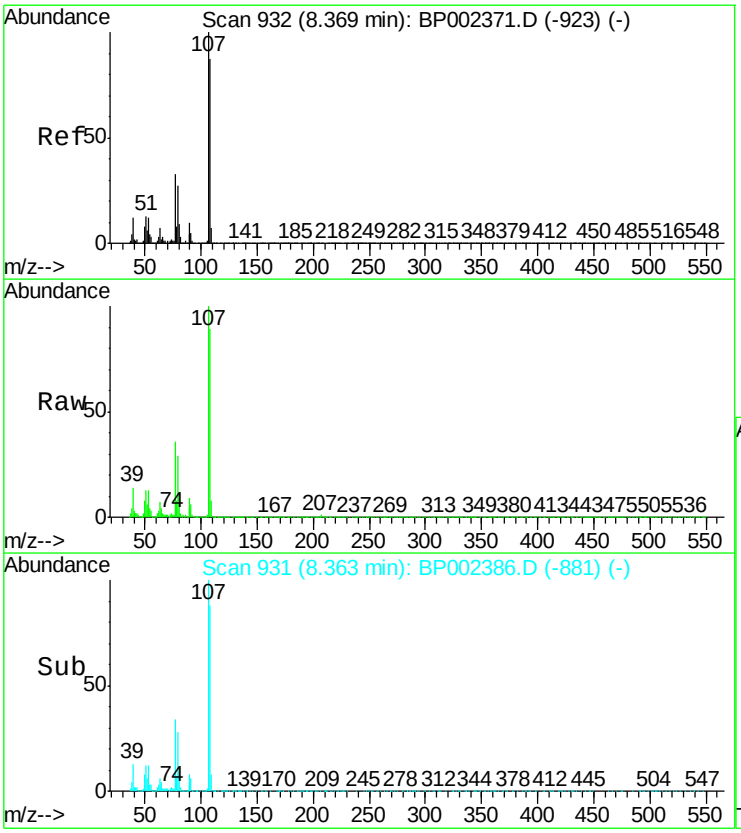
#19
n-Nitroso-di-n-propylamine
Concen: 9.071 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 70 Resp: 65930

Ion	Ratio	Lower	Upper
70	100		
42	56.3	45.7	68.5
101	9.4	7.5	11.3
130	19.3	16.6	25.0

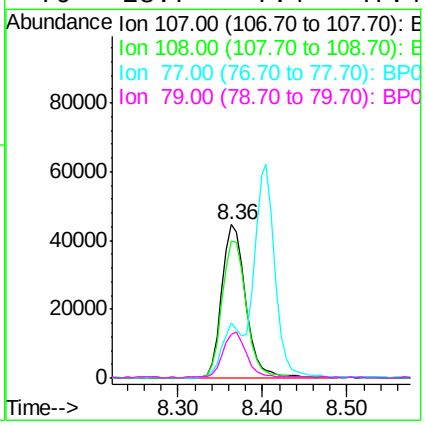


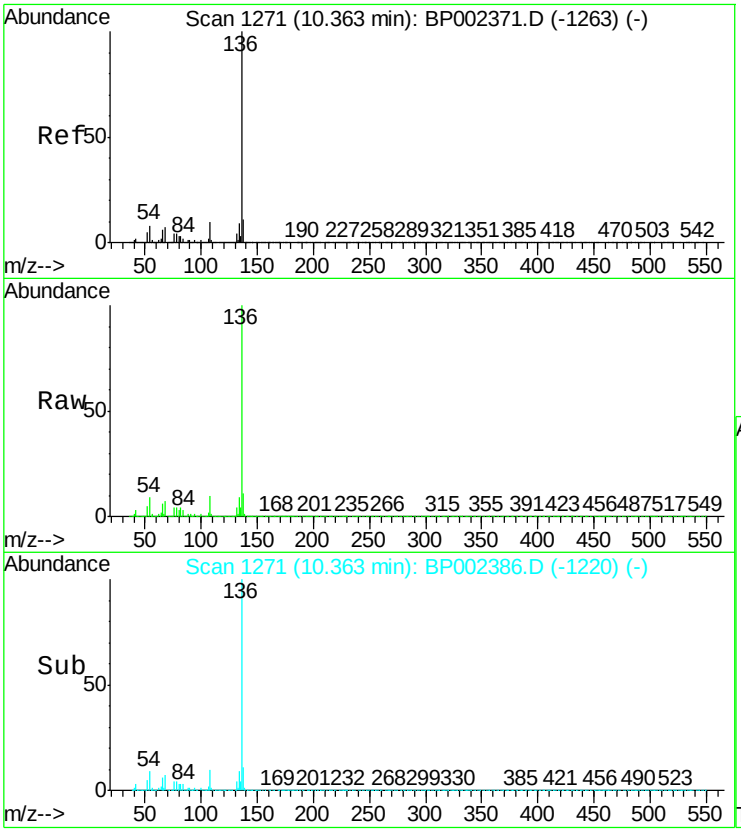


#20
3+4-Methylphenols
Concen: 7.562 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:107 Resp: 87952

Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.5	107.5
77	35.6	13.5	53.5
79	28.7	7.4	47.4



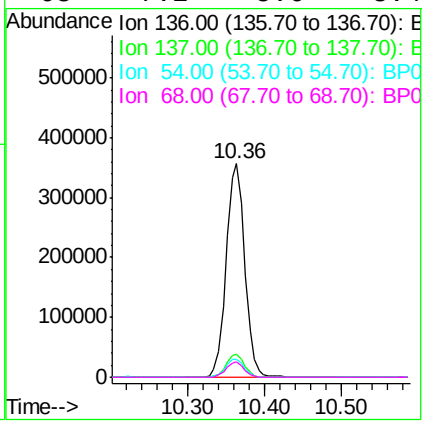


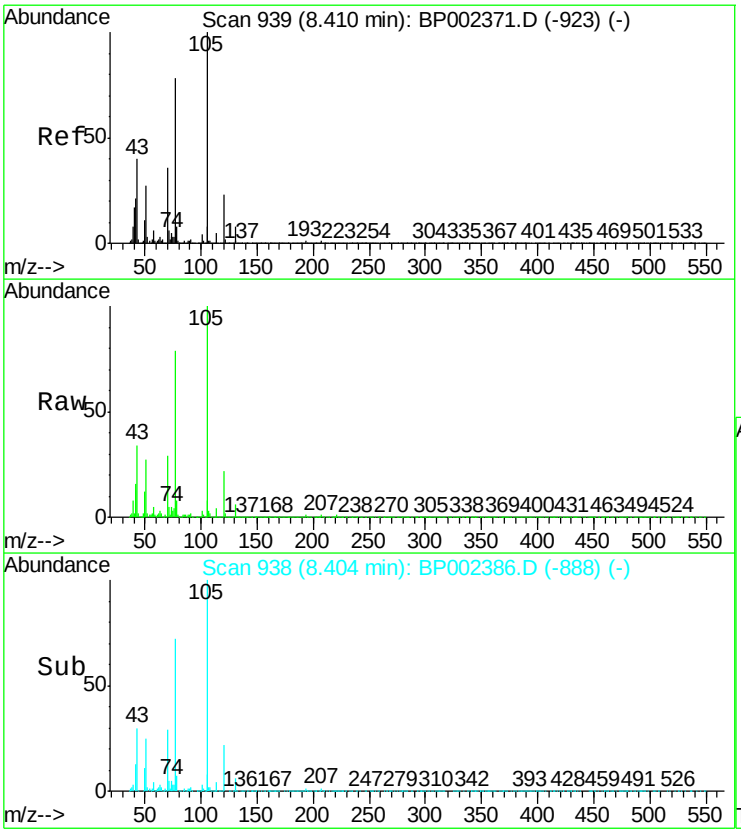
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:136 Resp: 598695

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	6.4	9.6
68	7.2	5.6	8.4

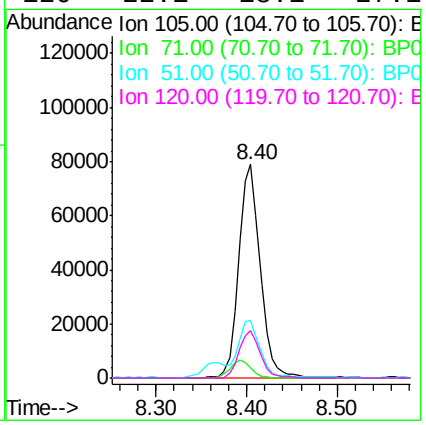


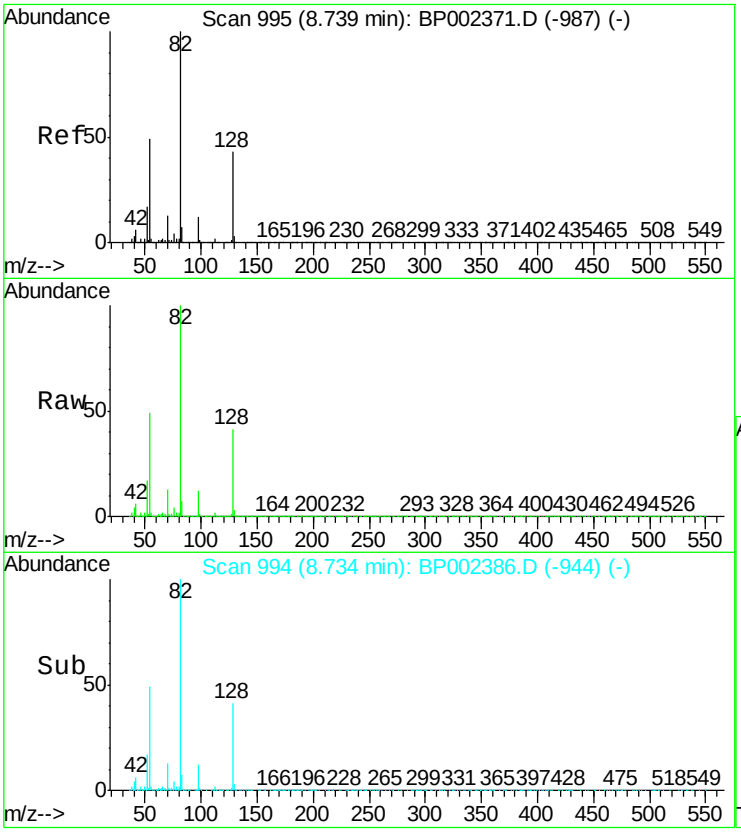


#22
Acetophenone
Concen: 9.731 ng
RT: 8.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:105 Resp: 130890

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.7	7.1#
51	27.0	21.4	32.0
120	22.1	18.1	27.1



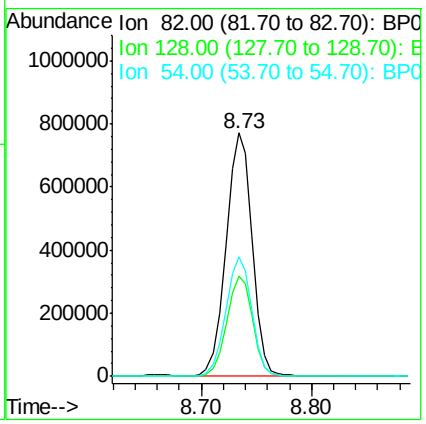


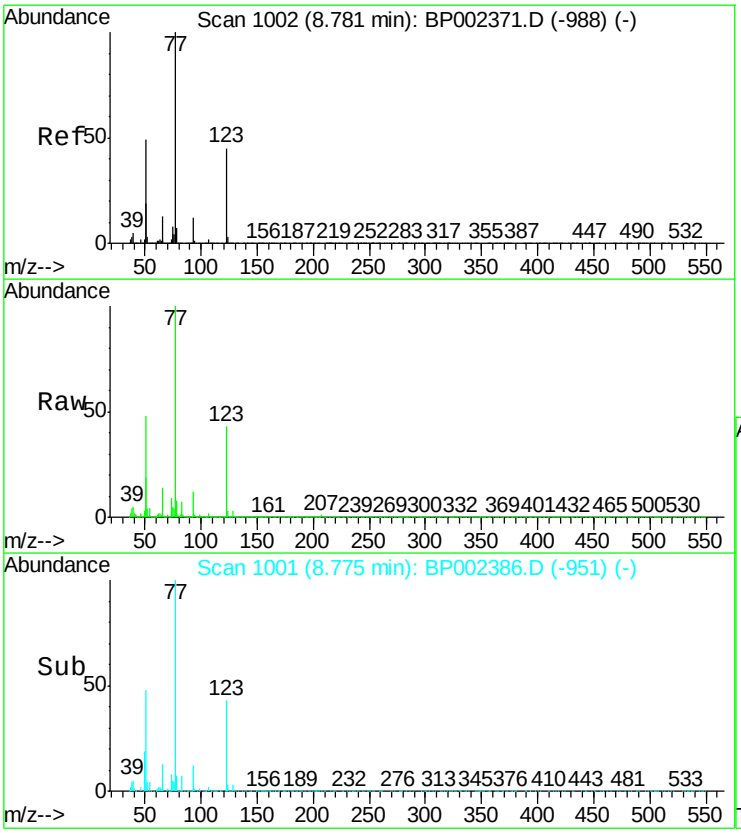
#23
Nitrobenzene-d5
Concen: 126.906 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 82 Resp: 1272264

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.5	51.7
54	49.0	39.4	59.2

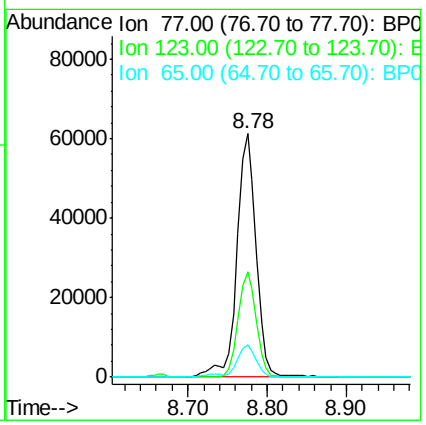


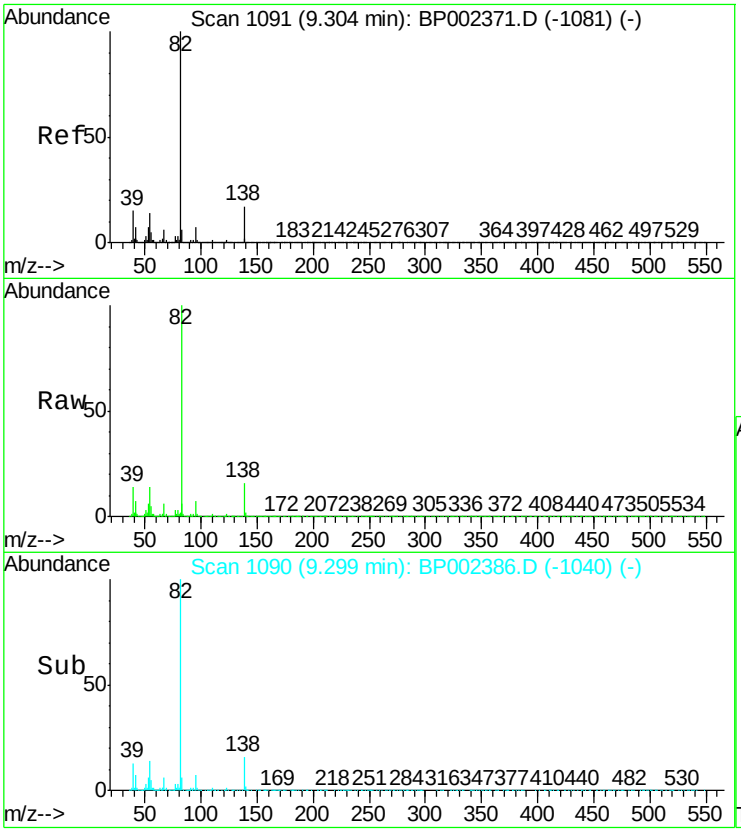


#24
Nitrobenzene
Concen: 9.385 ng
RT: 8.78 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion: 77 Resp: 101139

Ion	Ratio	Lower	Upper
77	100		
123	43.2	35.8	53.8
65	13.5	10.5	15.7



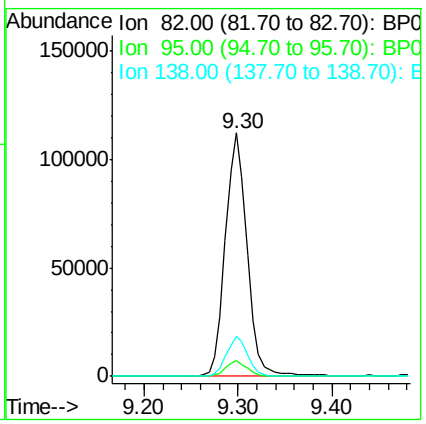


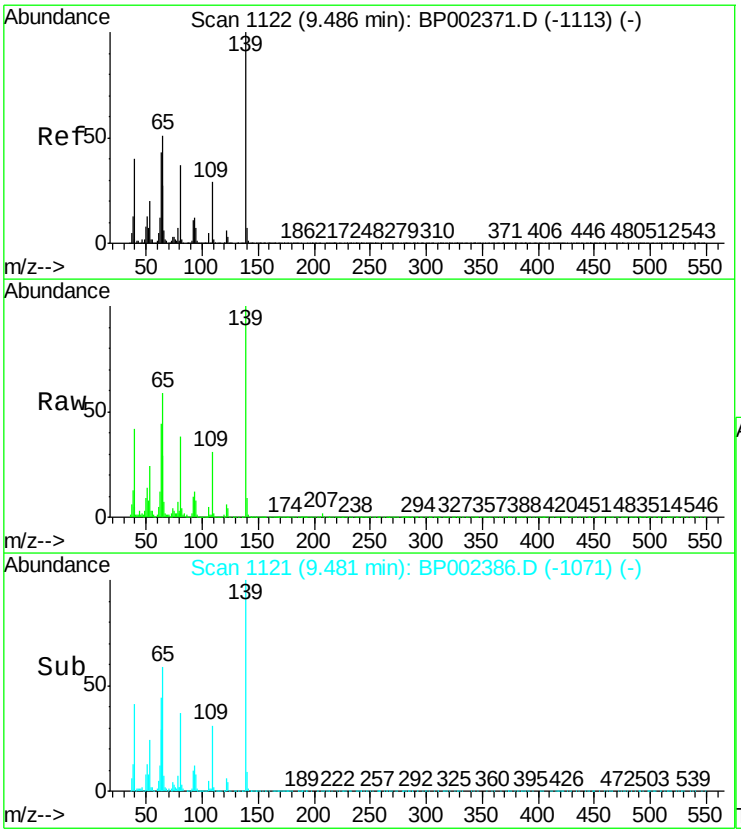
#25
Isophorone
Concen: 8.763 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 82 Resp: 178921

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	16.3	13.4	20.0

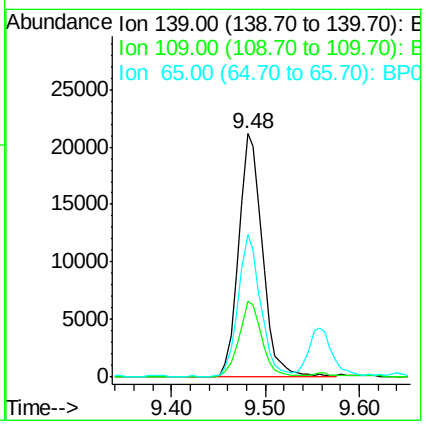


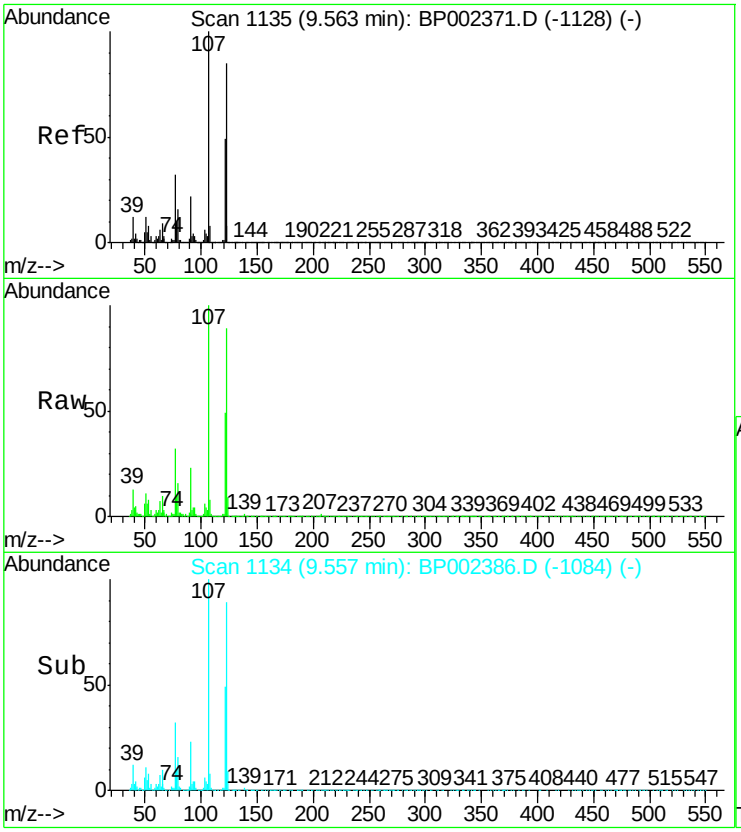


#26
2-Nitrophenol
Concen: 7.713 ng
RT: 9.48 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:139 Resp: 37040

Ion	Ratio	Lower	Upper
139	100		
109	31.1	23.4	35.2
65	58.8	41.1	61.7



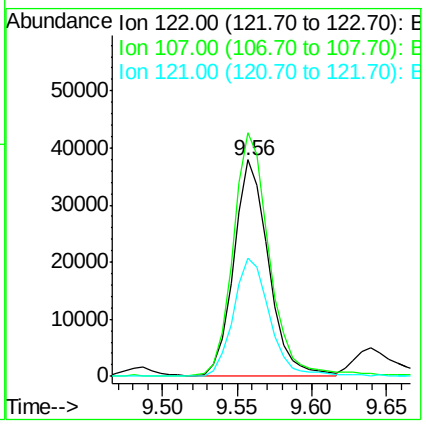


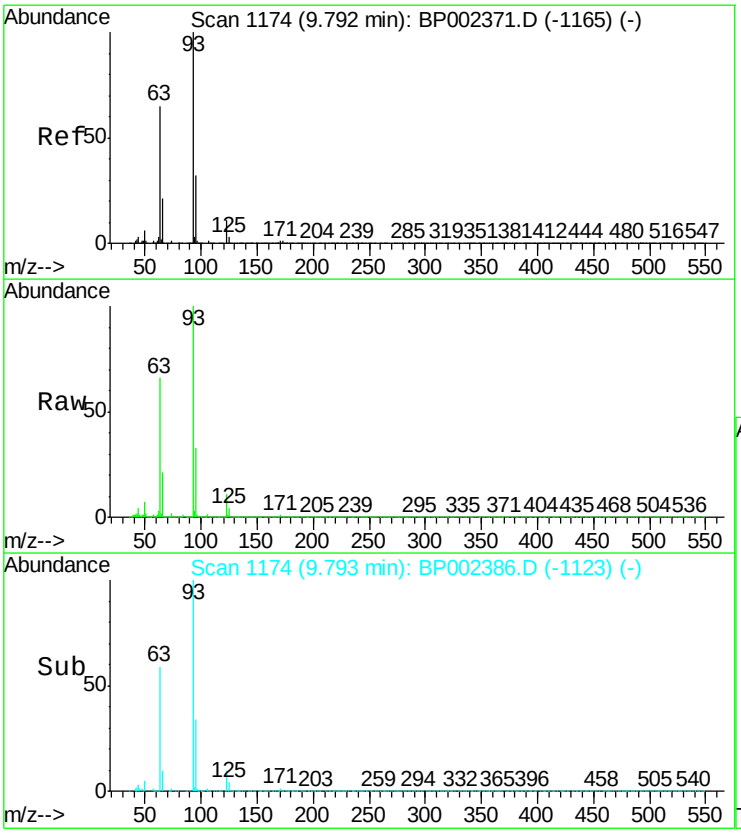
#27
2,4-Dimethylphenol
Concen: 8.088 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:122 Resp: 60931

Ion	Ratio	Lower	Upper
122	100		
107	112.4	94.0	141.0
121	54.7	46.4	69.6

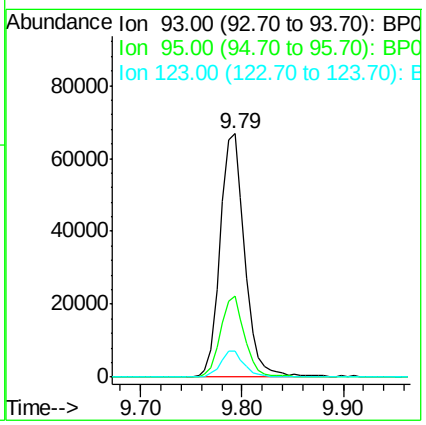


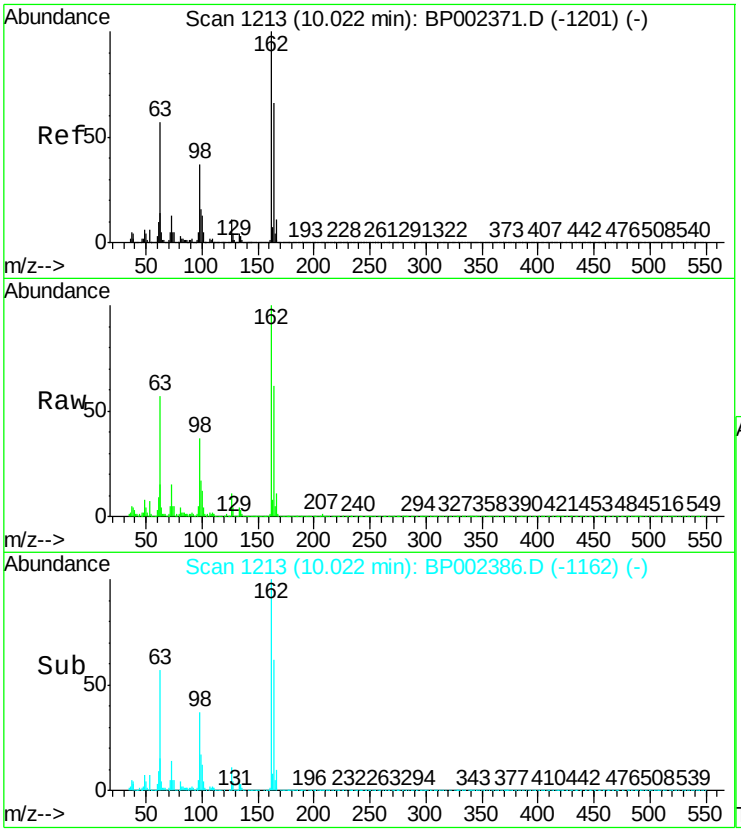


#28
bis(2-Chloroethoxy)methane
Concen: 9.230 ng
RT: 9.79 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion: 93 Resp: 112249

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.8
123	10.7	8.7	13.1



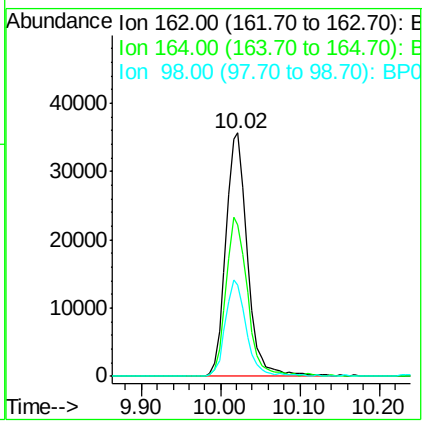


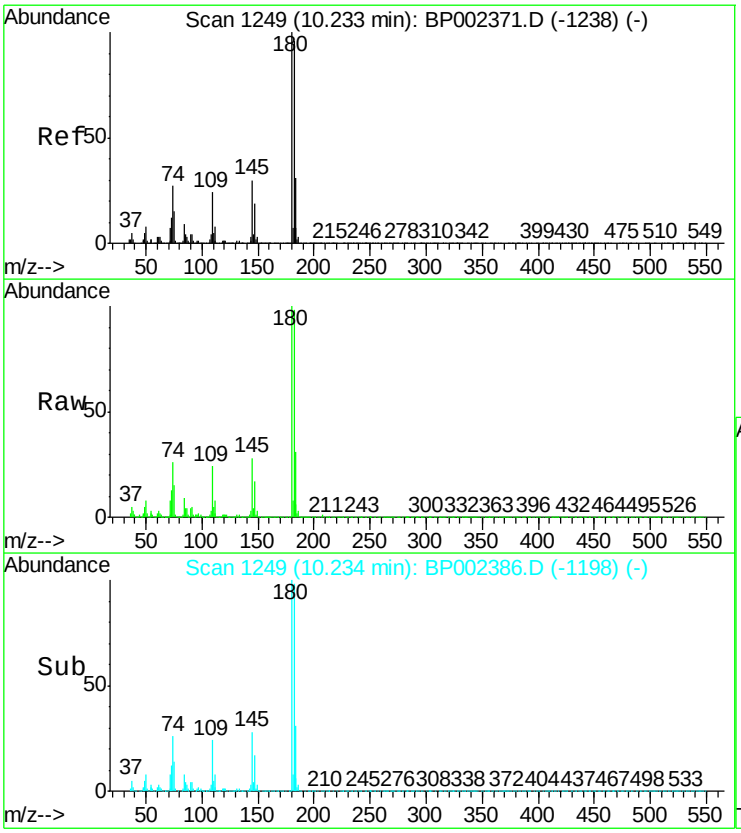
#29
2,4-Dichlorophenol
Concen: 7.915 ng
RT: 10.02 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:162 Resp: 67122

Ion	Ratio	Lower	Upper
162	100		
164	62.4	45.5	85.5
98	37.4	16.6	56.6

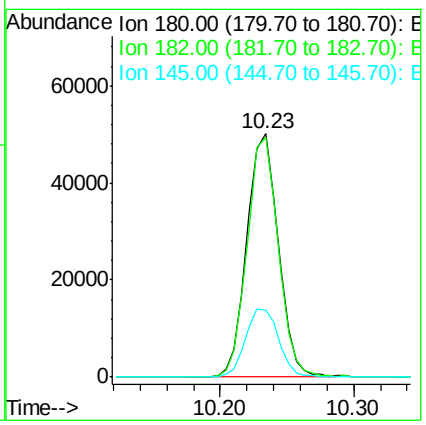


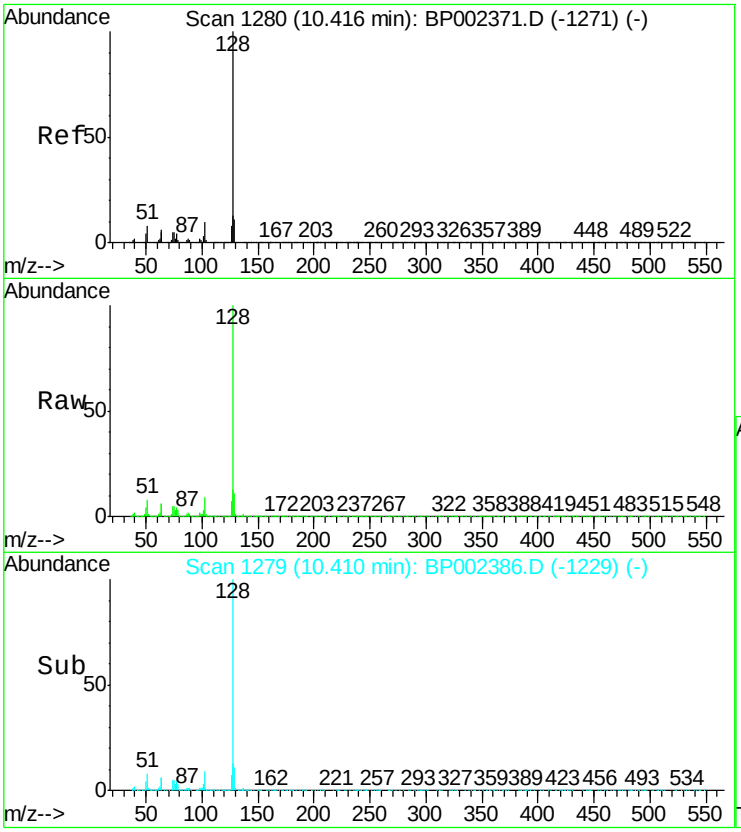


#30
1,2,4-Trichlorobenzene
Concen: 8.619 ng
RT: 10.23 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:180 Resp: 81476

Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.1	115.7
145	27.8	23.8	35.6



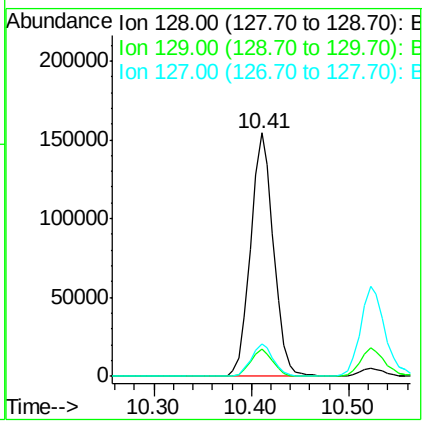


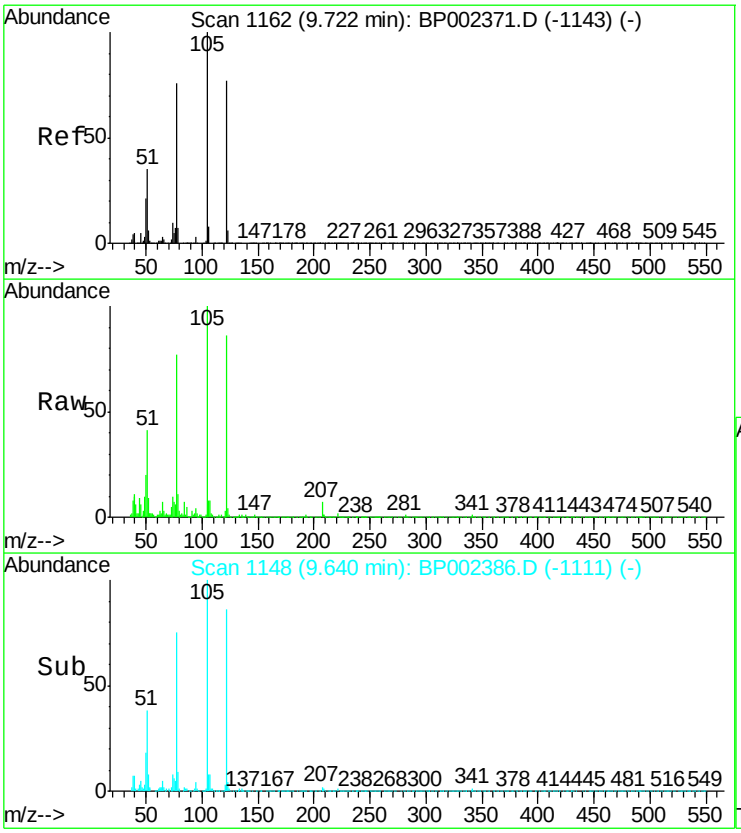
#31
Naphthalene
Concen: 9.173 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:128 Resp: 255139

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.4	10.3	15.5

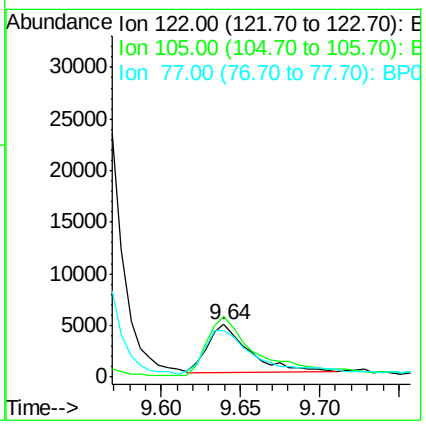


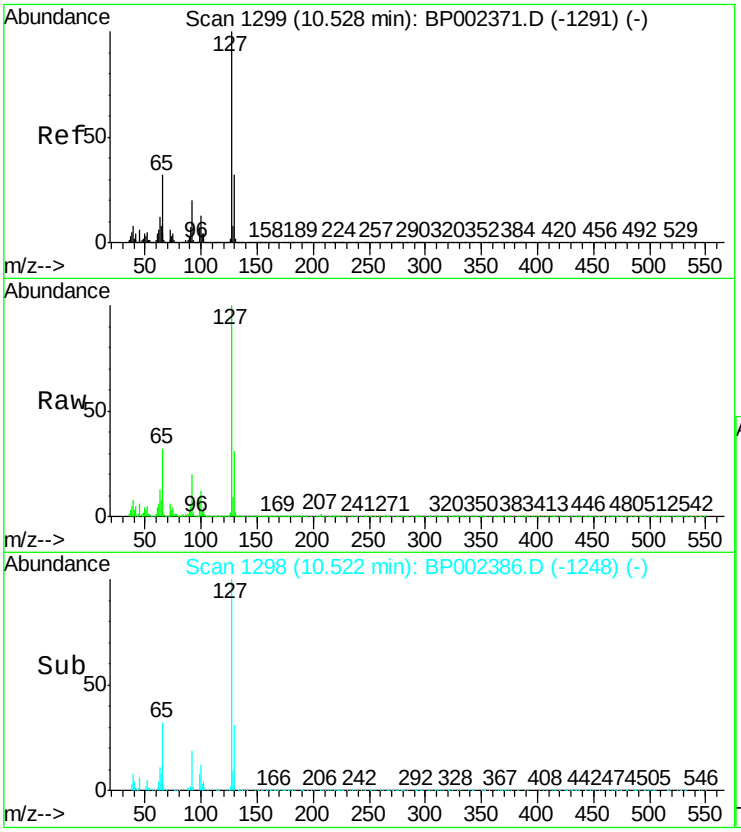


#32
Benzoic acid
Concen: 1.485 ng
RT: 9.64 min Scan# 1148
Delta R.T. -0.08 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:122 Resp: 8512

Ion	Ratio	Lower	Upper
122	100		
105	116.5	106.3	146.3
77	89.2	77.5	117.5



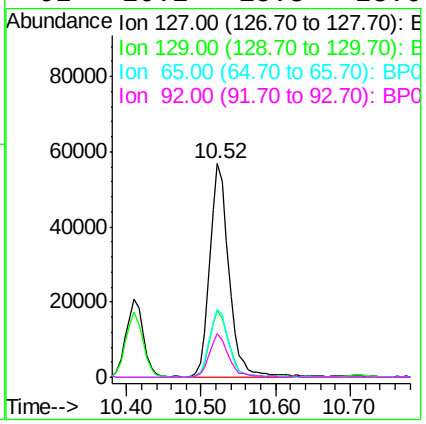


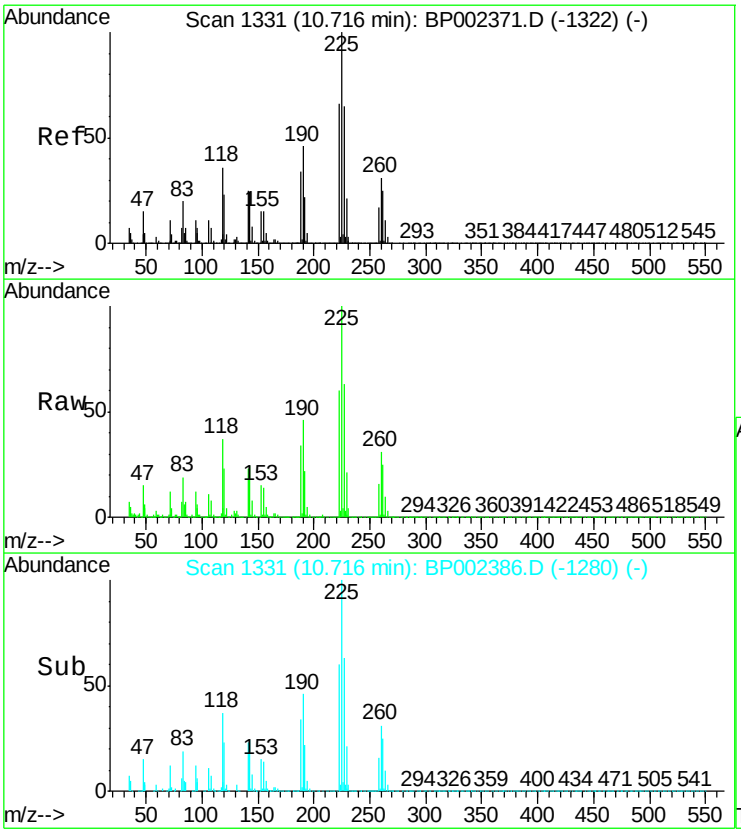
#33
4-Chloroaniline
Concen: 8.301 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:127 Resp: 100799

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.4	38.2
65	32.0	25.3	37.9
92	20.2	15.8	23.6

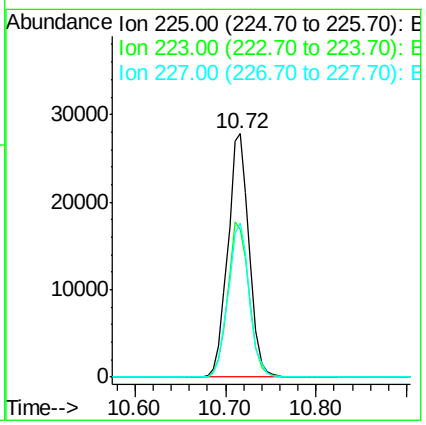


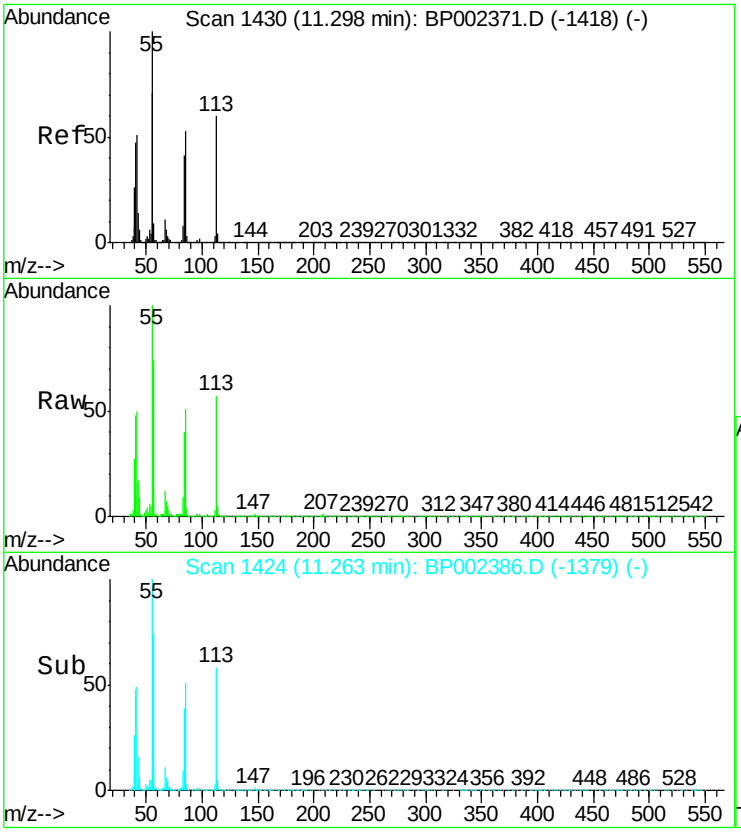


#34
Hexachlorobutadiene
Concen: 8.239 ng
RT: 10.72 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:225 Resp: 45446

Ion	Ratio	Lower	Upper
225	100		
223	60.4	52.6	78.8
227	63.1	52.2	78.2



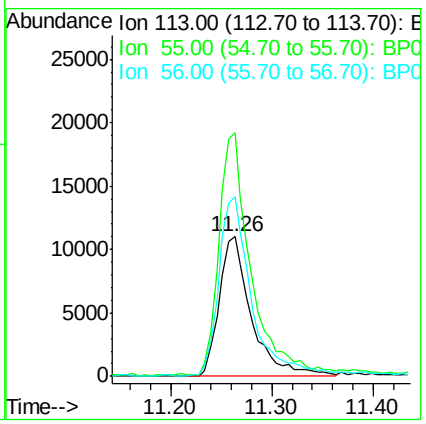


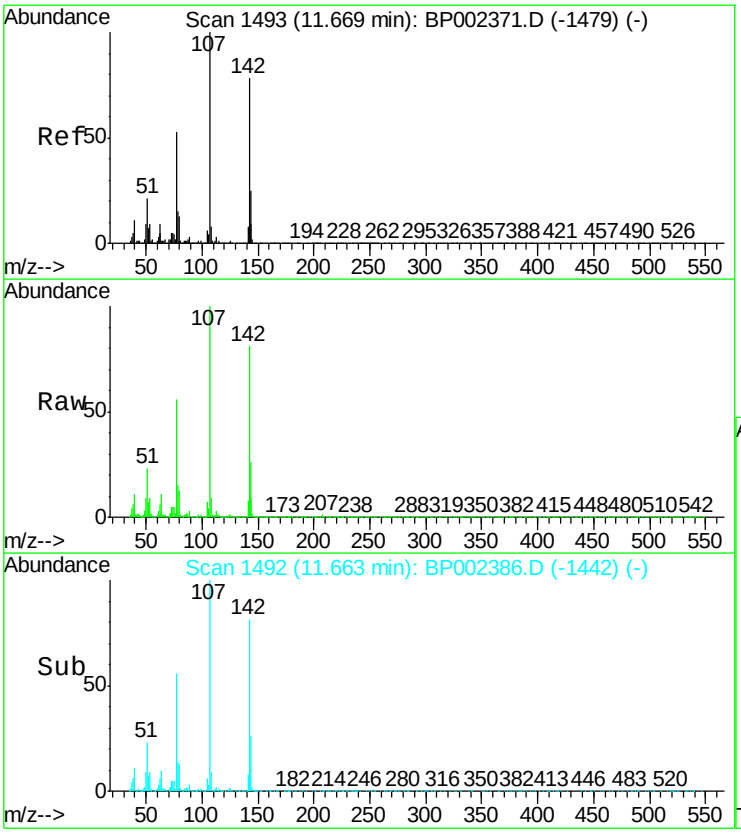
#35
Caprolactam
Concen: 8.172 ng
RT: 11.26 min Scan# 1424
Delta R.T. -0.04 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:113 Resp: 24442

Ion	Ratio	Lower	Upper
113	100		
55	174.5	147.9	187.9
56	128.9	99.9	139.9

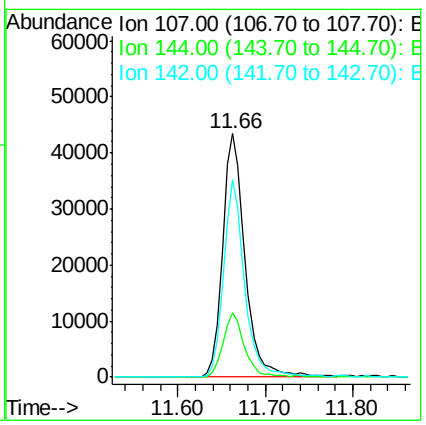


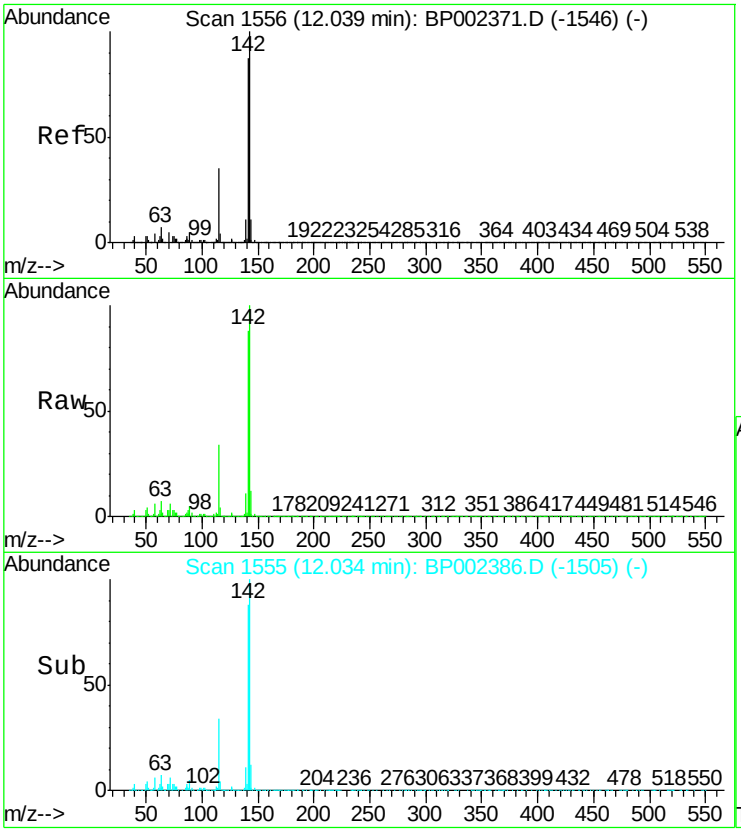


#36
4-Chloro-3-methylphenol
Concen: 8.311 ng
RT: 11.66 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:107 Resp: 76261

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.4	30.6
142	81.2	62.2	93.4



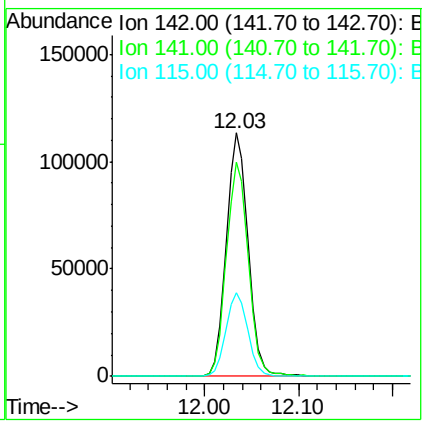


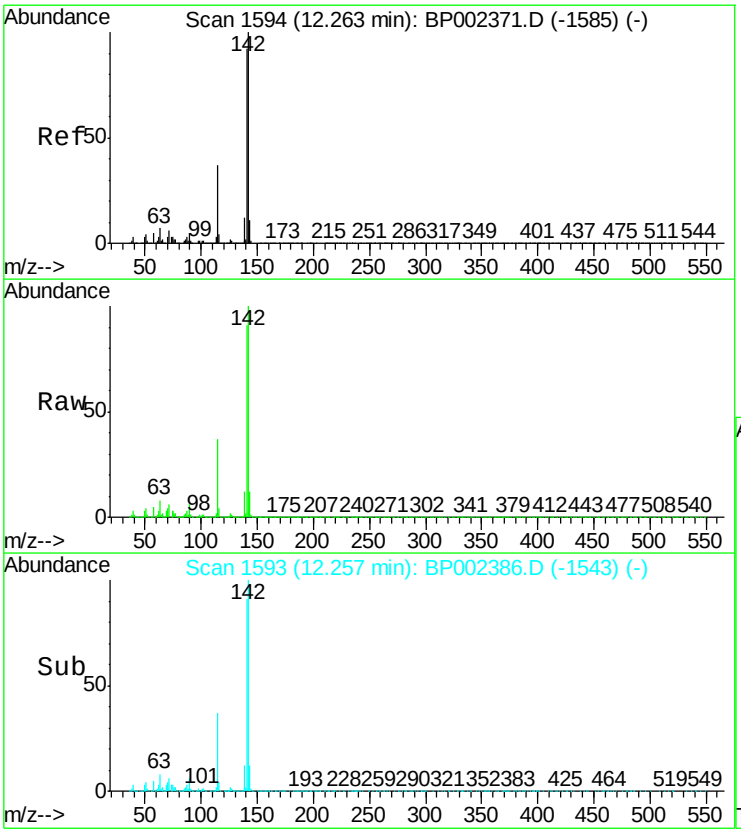
#37
2-Methylnaphthalene
Concen: 9.220 ng
RT: 12.03 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:142 Resp: 182012

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.7	104.5
115	34.2	27.8	41.8

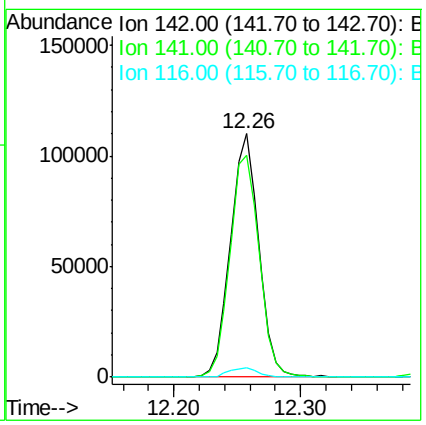


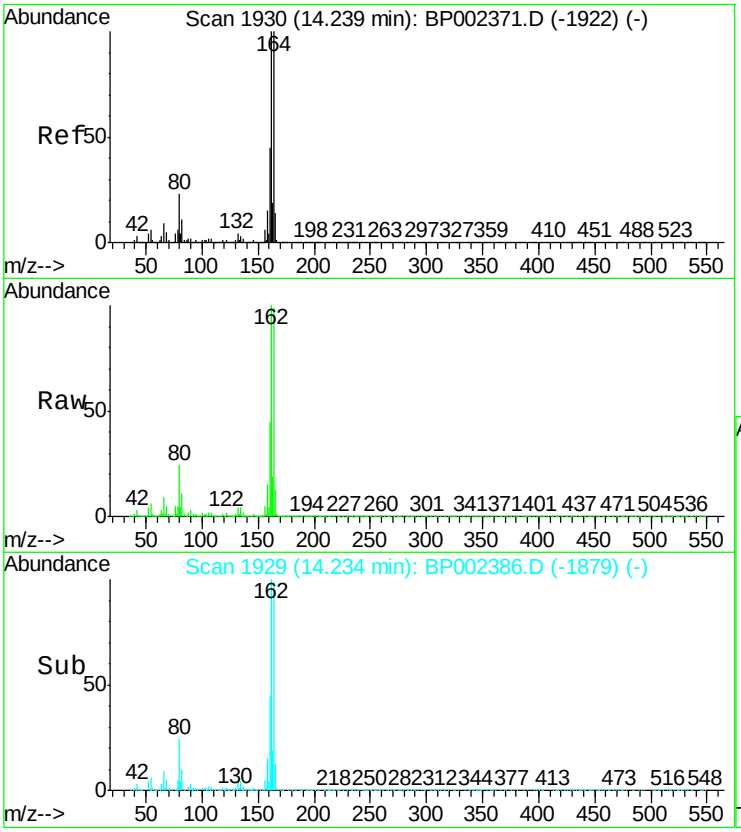


#38
1-Methylnaphthalene
Concen: 9.130 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:142 Resp: 169182

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.6	110.4
116	4.1	3.1	4.7



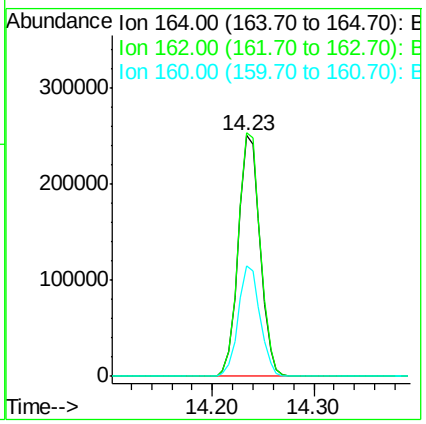


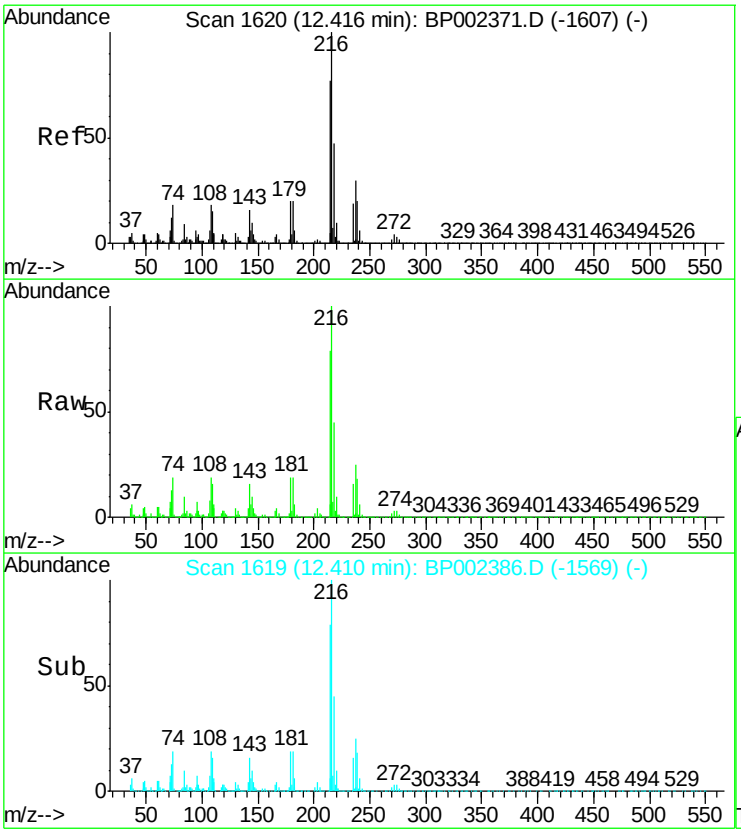
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:164 Resp: 374026

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.8	119.8
160	45.9	36.2	54.2

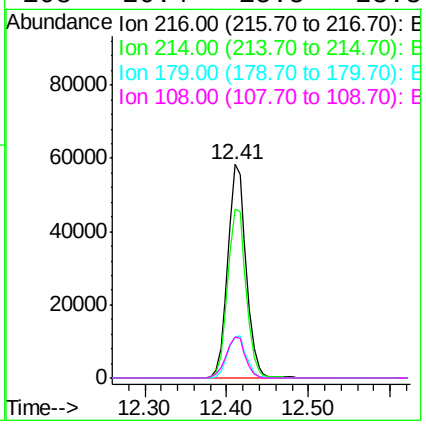


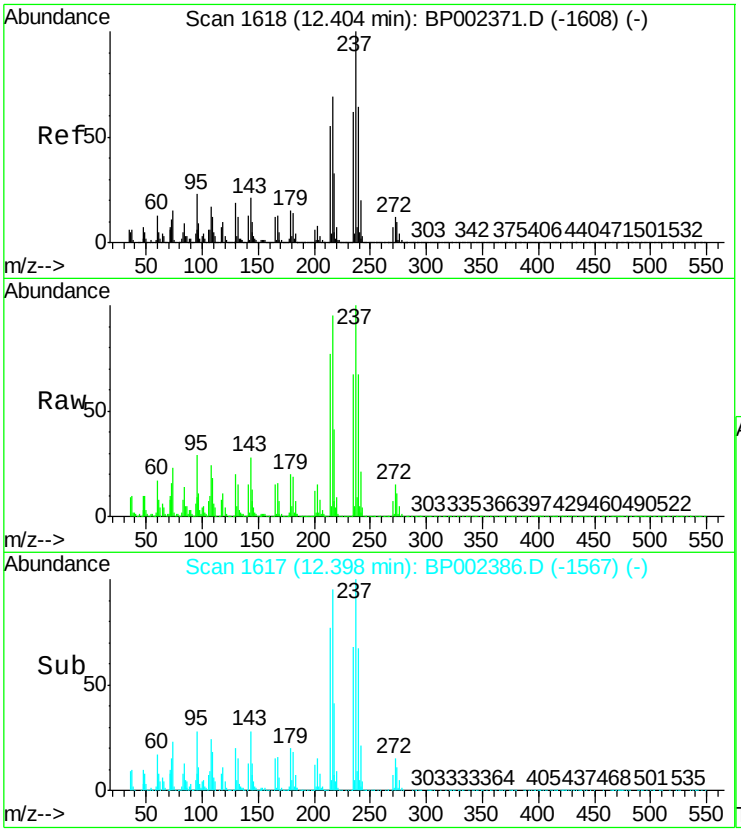


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.223 ng
RT: 12.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:216 Resp: 90930

Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.6	94.0
179	20.3	16.4	24.6
108	20.4	15.5	23.3



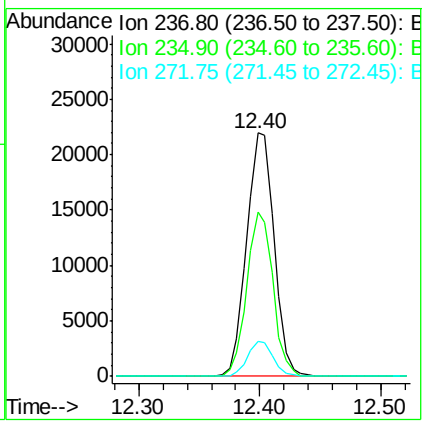


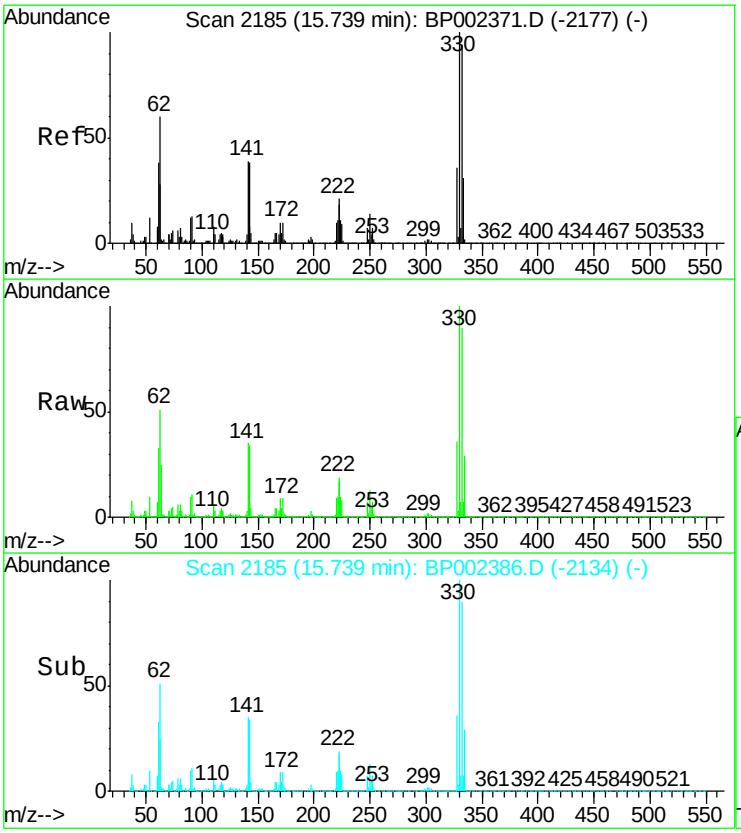
#41
Hexachlorocyclopentadiene
Concen: 6.679 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:237 Resp: 35009

Ion	Ratio	Lower	Upper
237	100		
235	67.5	42.0	82.0
272	14.5	0.0	32.5

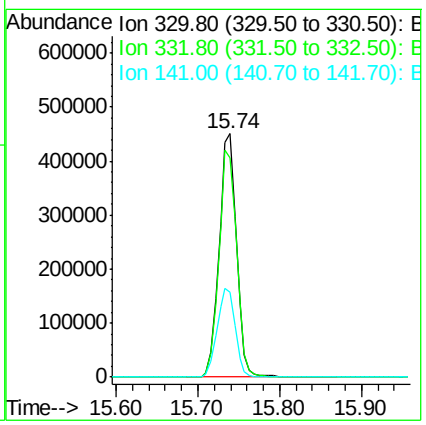


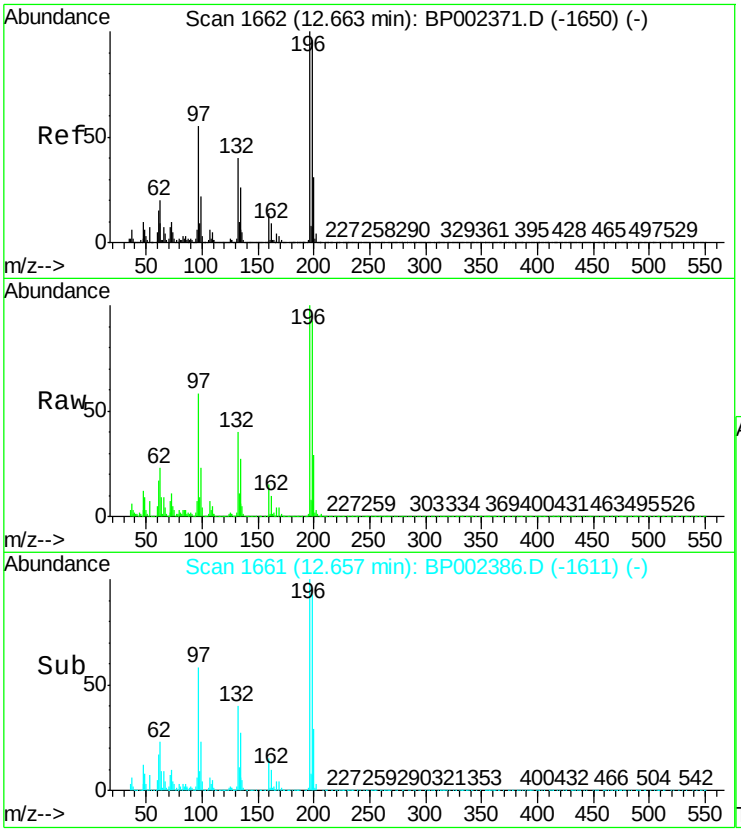


#42
2,4,6-Tribromophenol
Concen: 185.787 ng
RT: 15.74 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:330 Resp: 665308

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.2	30.3	45.5



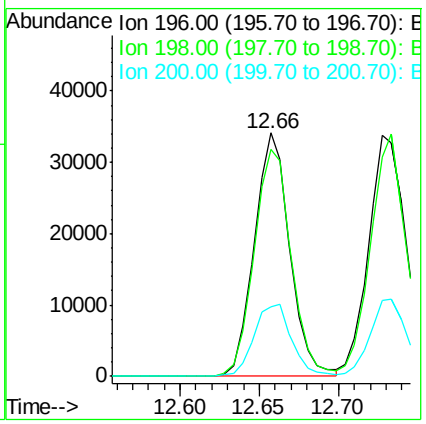


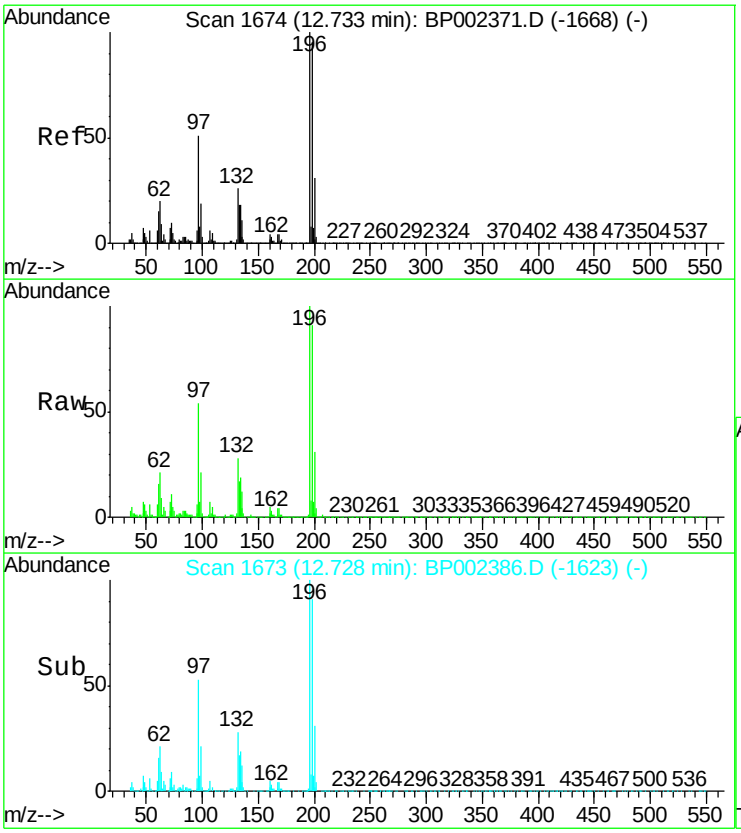
#43
2,4,6-Trichlorophenol
Concen: 7.630 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:196 Resp: 53238

Ion	Ratio	Lower	Upper
196	100		
198	93.0	76.6	115.0
200	28.6	24.7	37.1

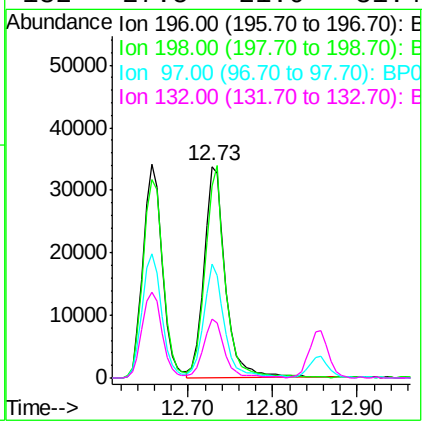


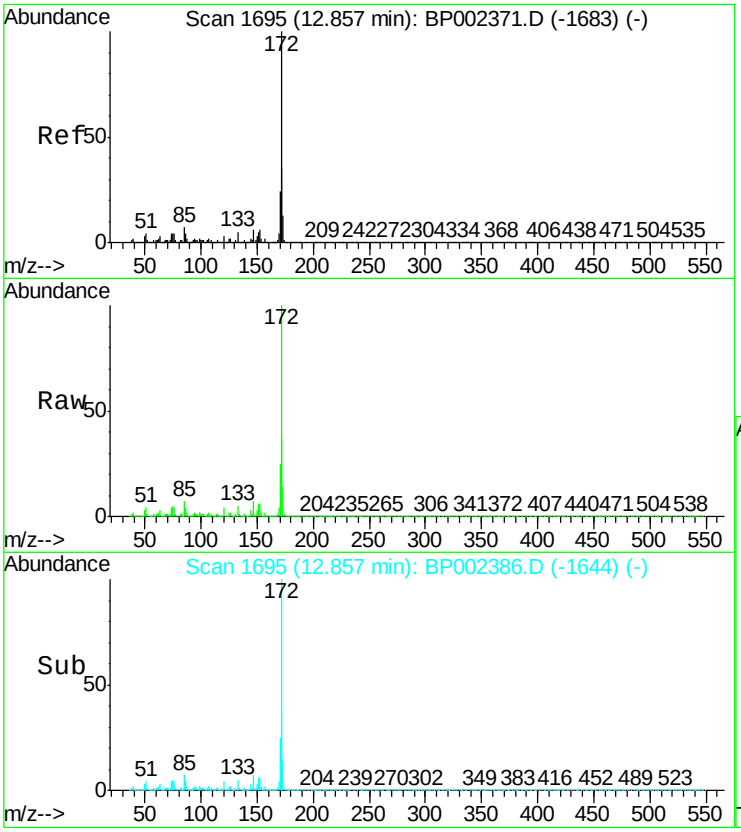


#44
2,4,5-Trichlorophenol
Concen: 7.409 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:196 Resp: 59866

Ion	Ratio	Lower	Upper
196	100		
198	90.8	76.2	114.2
97	53.8	40.6	61.0
132	27.5	21.0	31.4



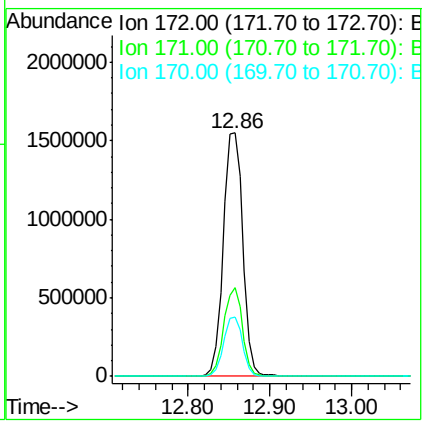


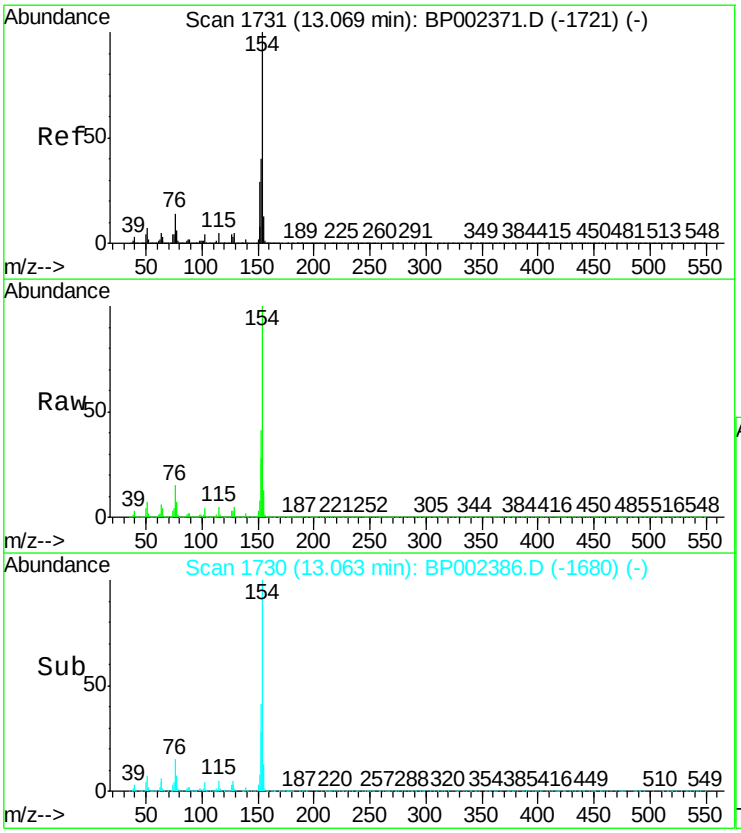
#45
2-Fluorobiphenyl
Concen: 115.528 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:172 Resp: 2569893

Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.8	41.8
170	24.6	19.0	28.6

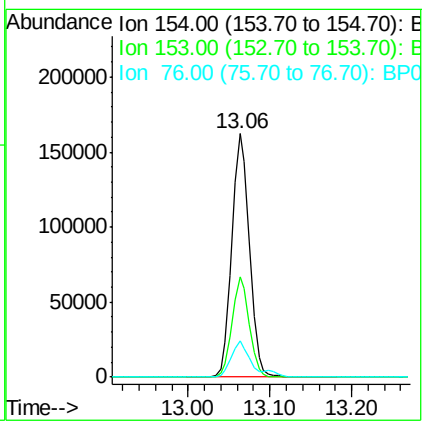


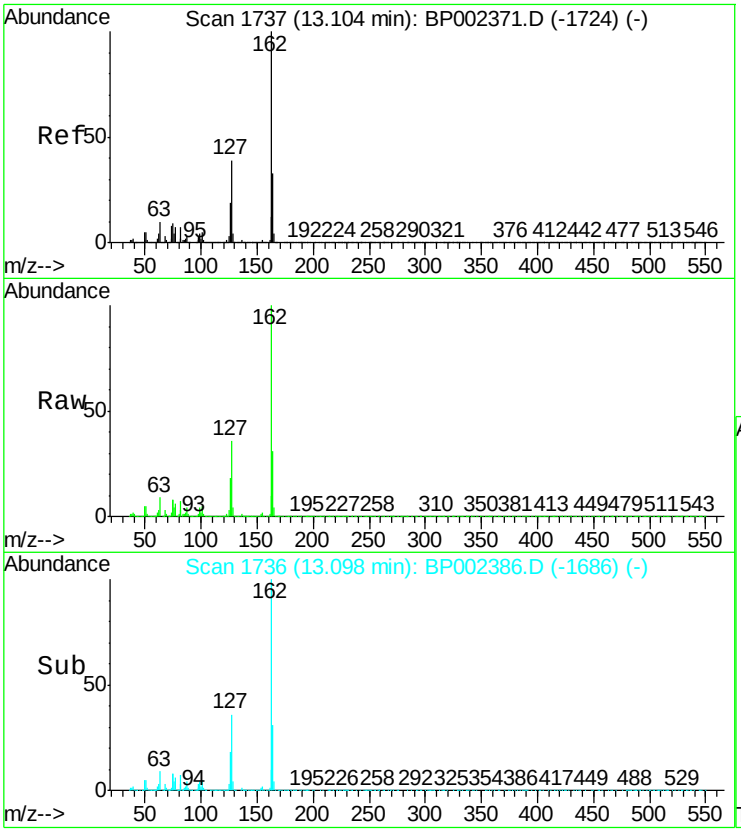


#46
1,1'-Biphenyl
Concen: 9.925 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:154 Resp: 243285

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.2	60.2
76	14.9	0.0	34.2



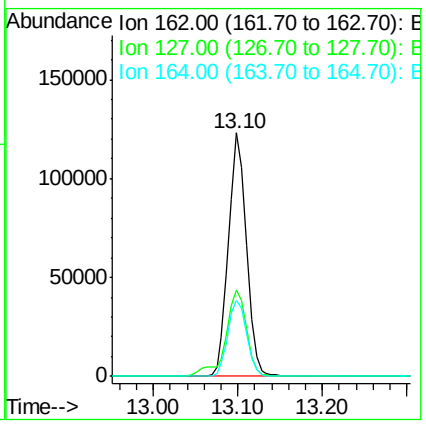


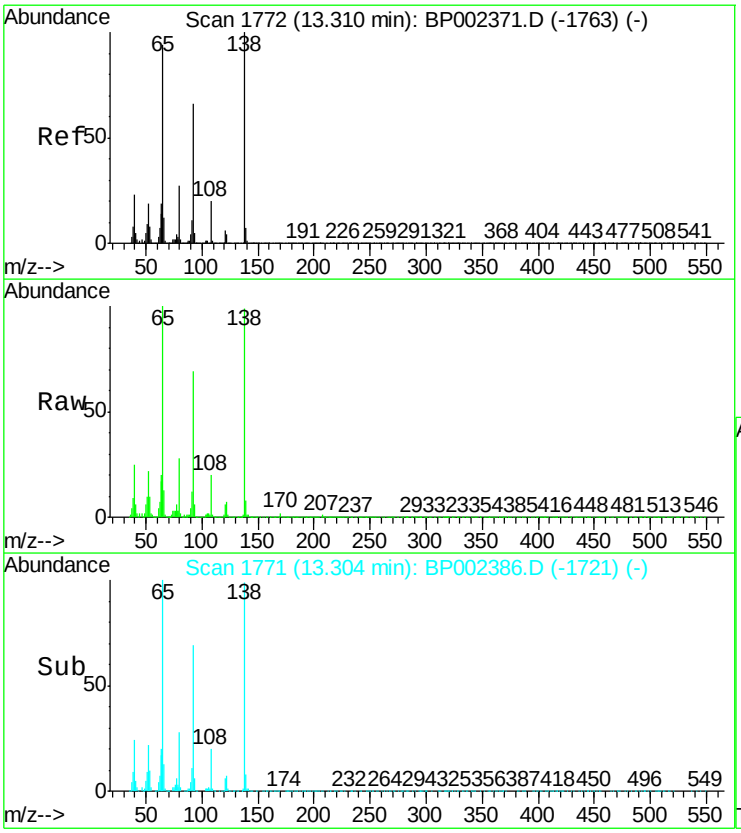
#47
2-Chloronaphthalene
Concen: 8.946 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:162 Resp: 179386

Ion	Ratio	Lower	Upper
162	100		
127	35.6	31.0	46.4
164	31.4	26.6	40.0

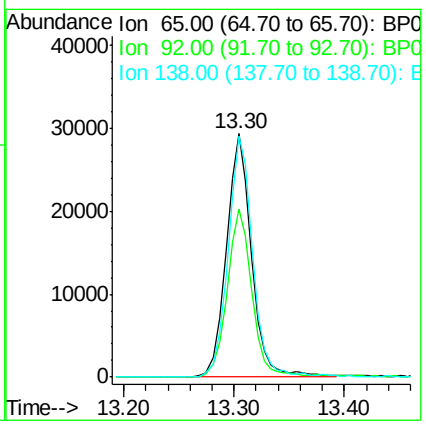


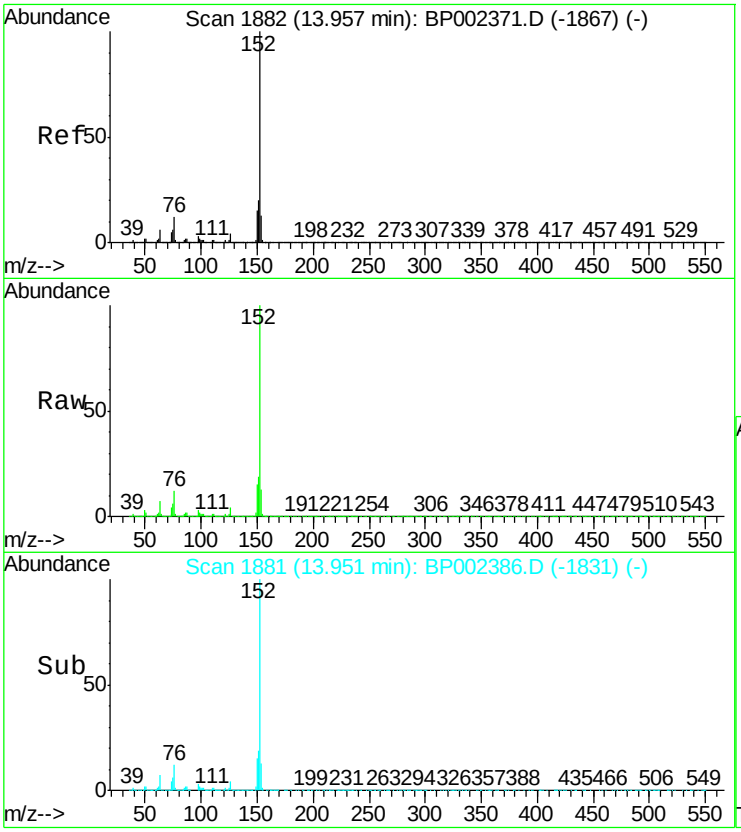


#48
2-Nitroaniline
Concen: 7.292 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion: 65 Resp: 46676

Ion	Ratio	Lower	Upper
65	100		
92	68.8	56.3	84.5
138	99.0	85.0	127.6



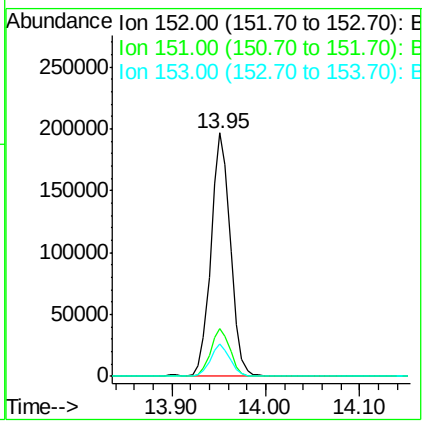


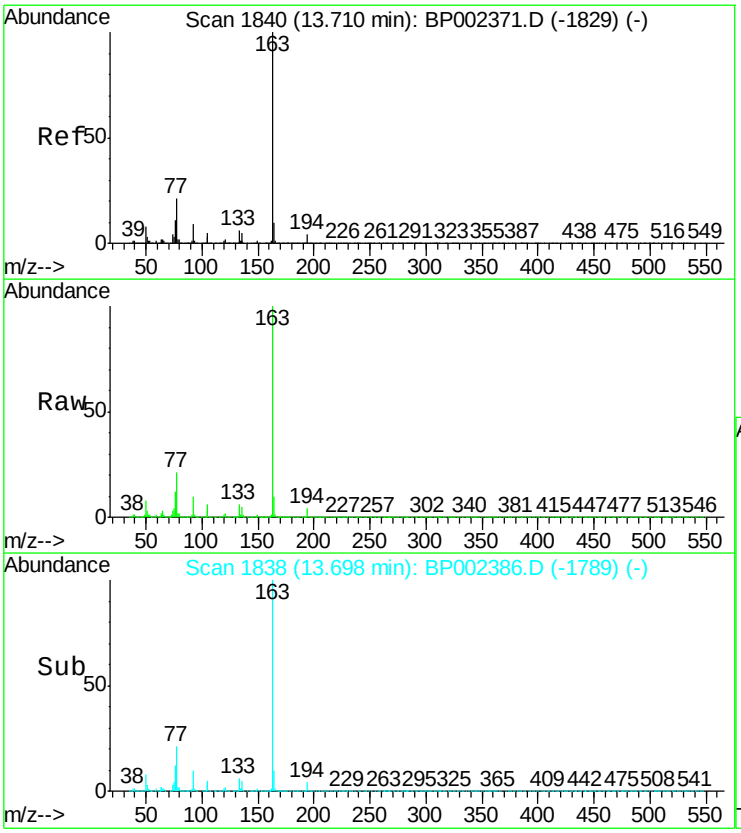
#49
Acenaphthylene
Concen: 8.906 ng
RT: 13.95 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:152 Resp: 285011

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.5	15.7

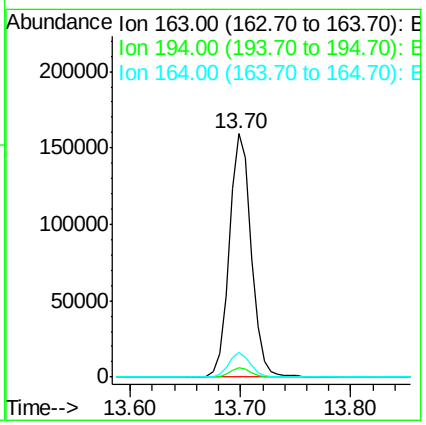


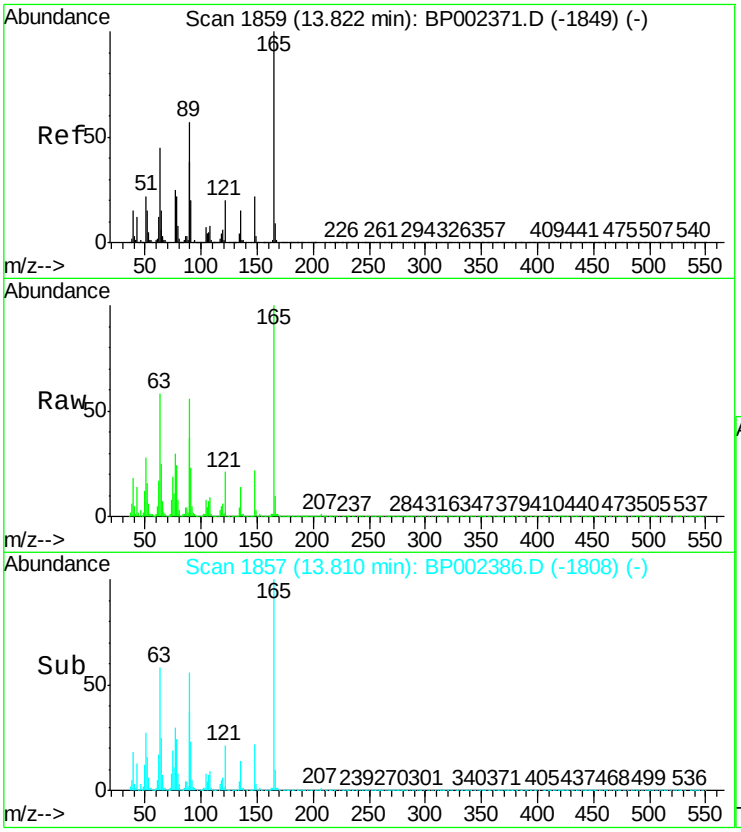


#50
Dimethylphthalate
Concen: 8.689 ng
RT: 13.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:163 Resp: 222674

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.1	12.1



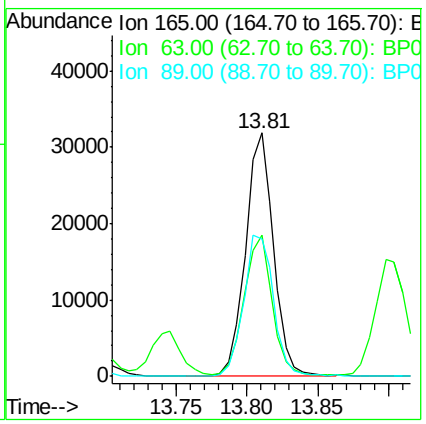


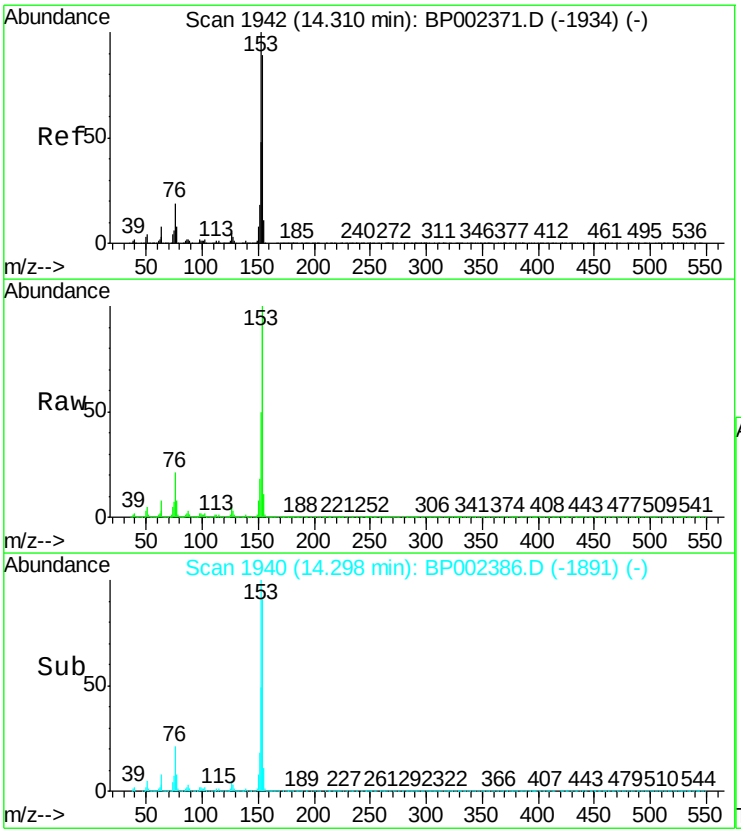
#51
2,6-Dinitrotoluene
Concen: 7.952 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:165 Resp: 44257

Ion	Ratio	Lower	Upper
165	100		
63	57.8	43.1	64.7
89	56.4	45.3	67.9

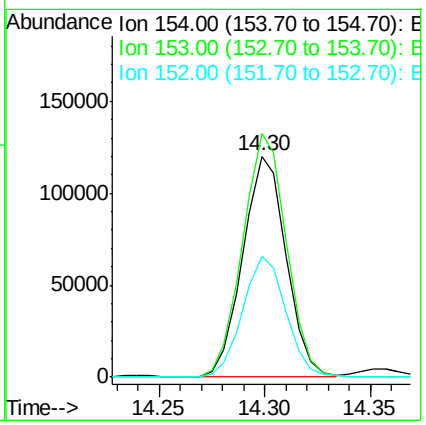


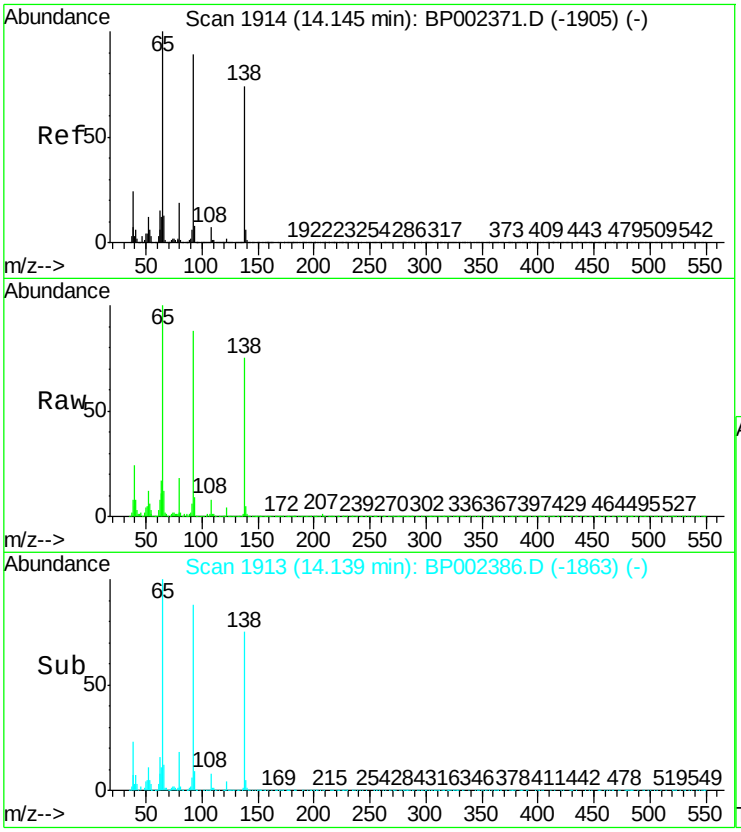


#52
Acenaphthene
Concen: 9.133 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:154 Resp: 171231

Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.5	134.3
152	54.9	43.3	64.9



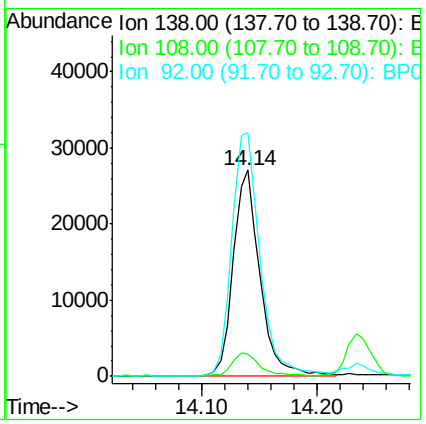


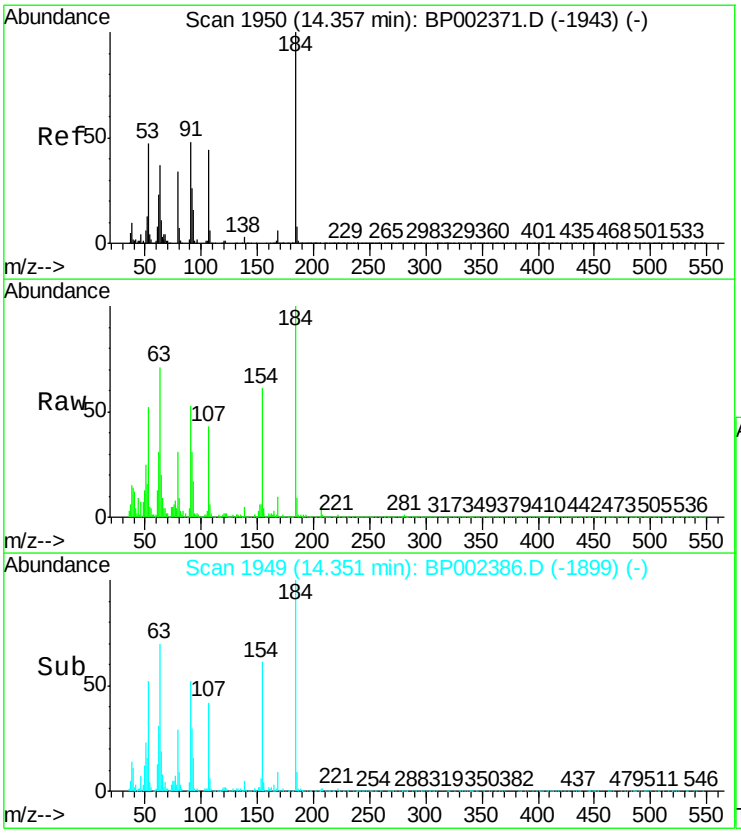
#53
3-Nitroaniline
Concen: 6.855 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:138 Resp: 43565

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.0	12.0
92	118.1	96.2	144.2

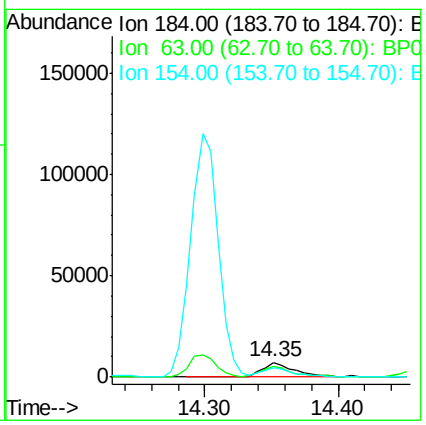


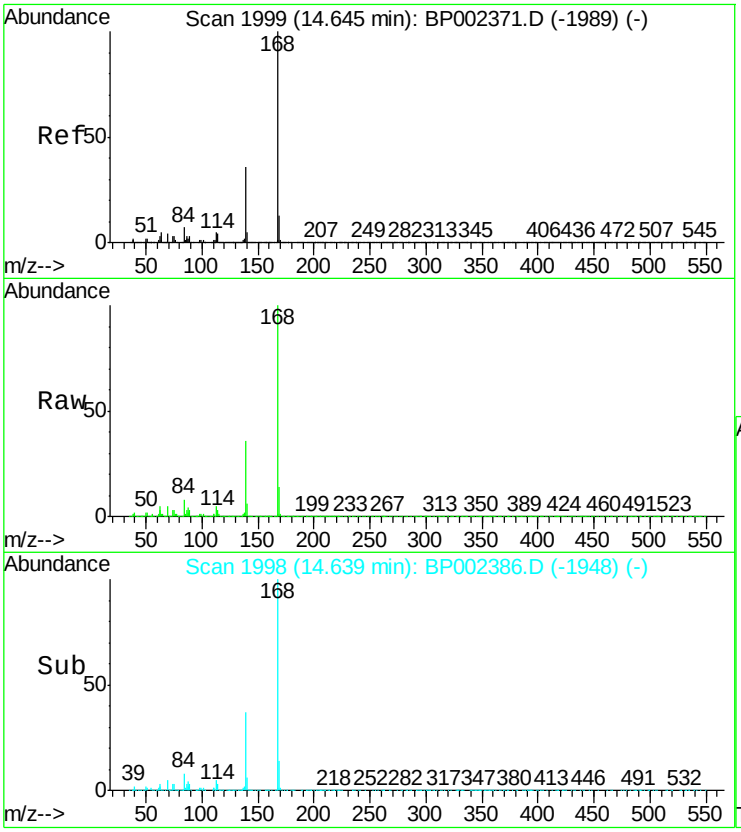


#54
2,4-Dinitrophenol
Concen: 3.891 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:184 Resp: 11878

Ion	Ratio	Lower	Upper
184	100		
63	70.8	52.3	78.5
154	61.1	48.6	72.8



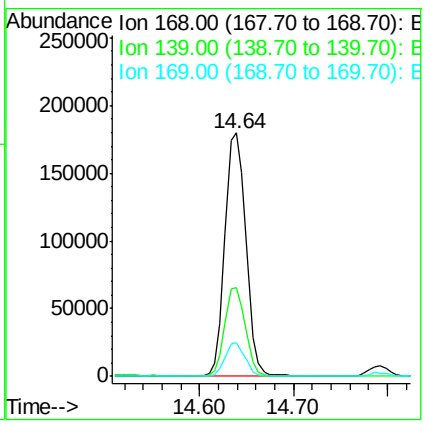


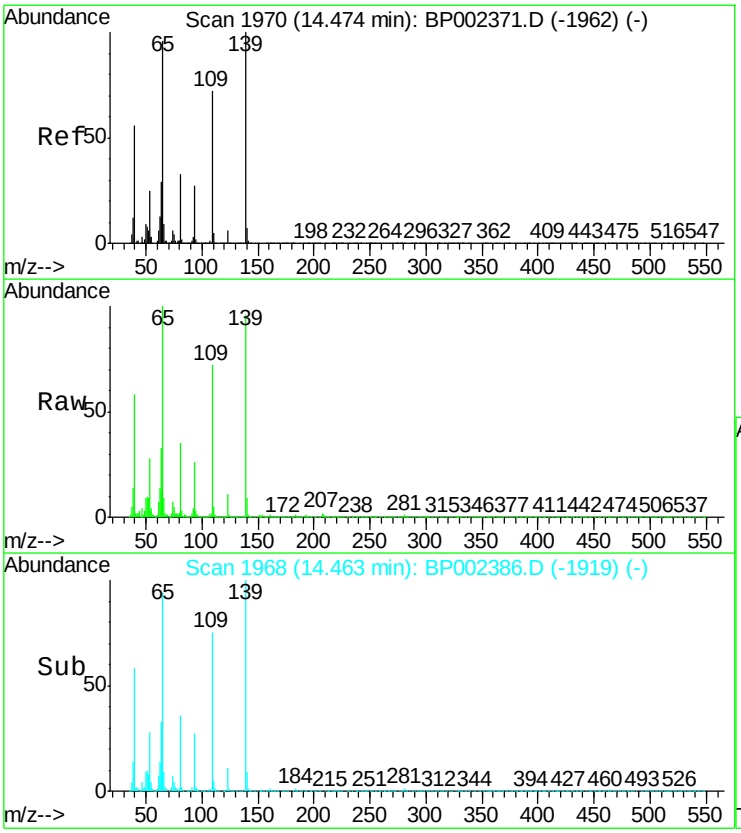
#55
Dibenzofuran
Concen: 9.246 ng
RT: 14.64 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:168 Resp: 279098

Ion	Ratio	Lower	Upper
168	100		
139	36.5	28.9	43.3
169	14.1	10.6	15.8

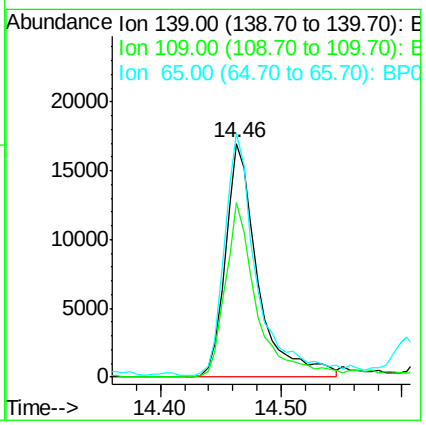


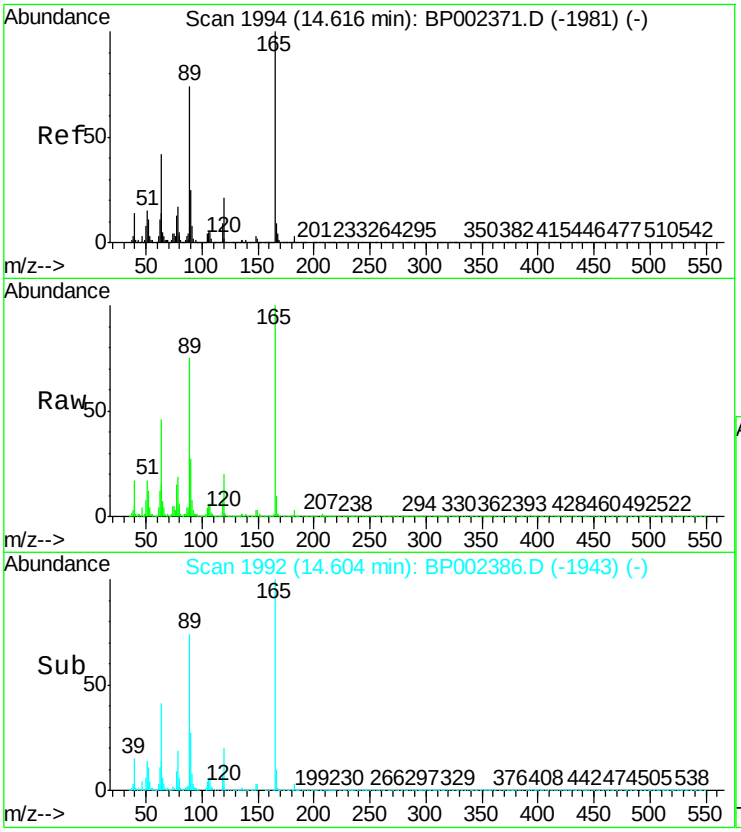


#56
4-Nitrophenol
Concen: 6.259 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:139 Resp: 31584

Ion	Ratio	Lower	Upper
139	100		
109	74.6	52.0	92.0
65	104.2	76.3	116.3



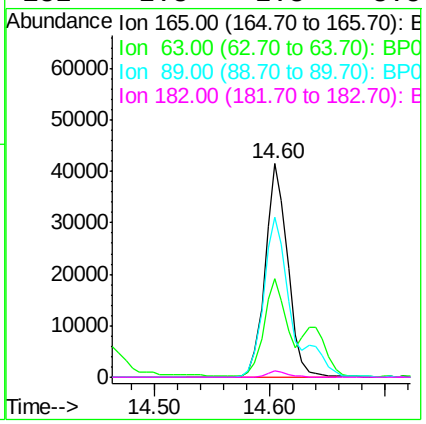


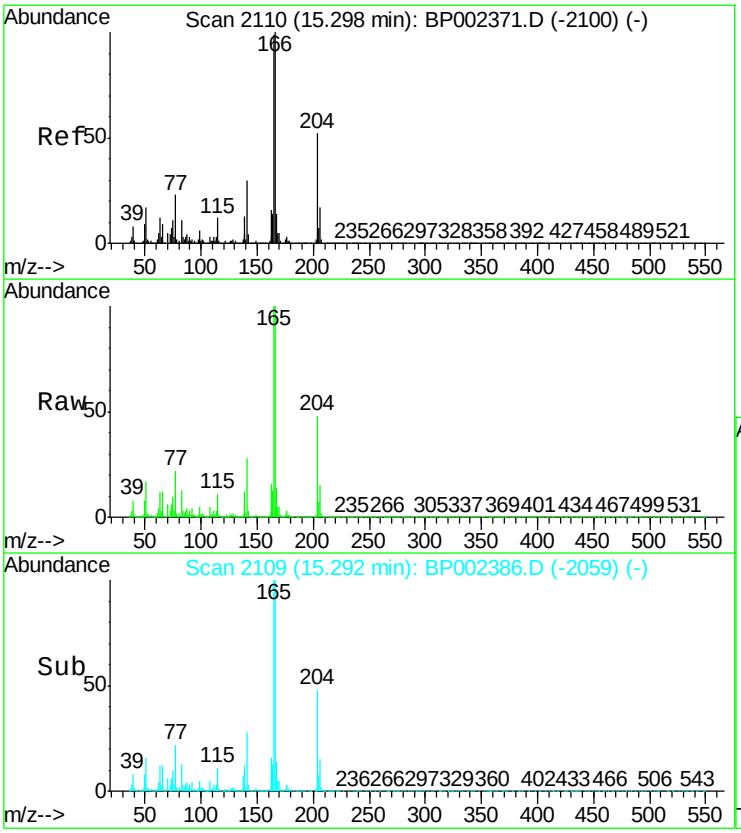
#57
2,4-Dinitrotoluene
Concen: 7.431 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:165 Resp: 56297

Ion	Ratio	Lower	Upper
165	100		
63	46.2	34.2	51.2
89	74.9	59.3	88.9
182	2.8	2.3	3.5

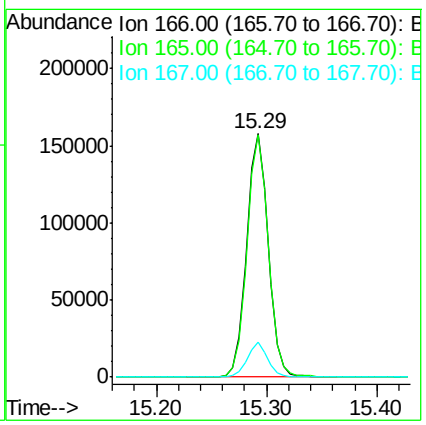


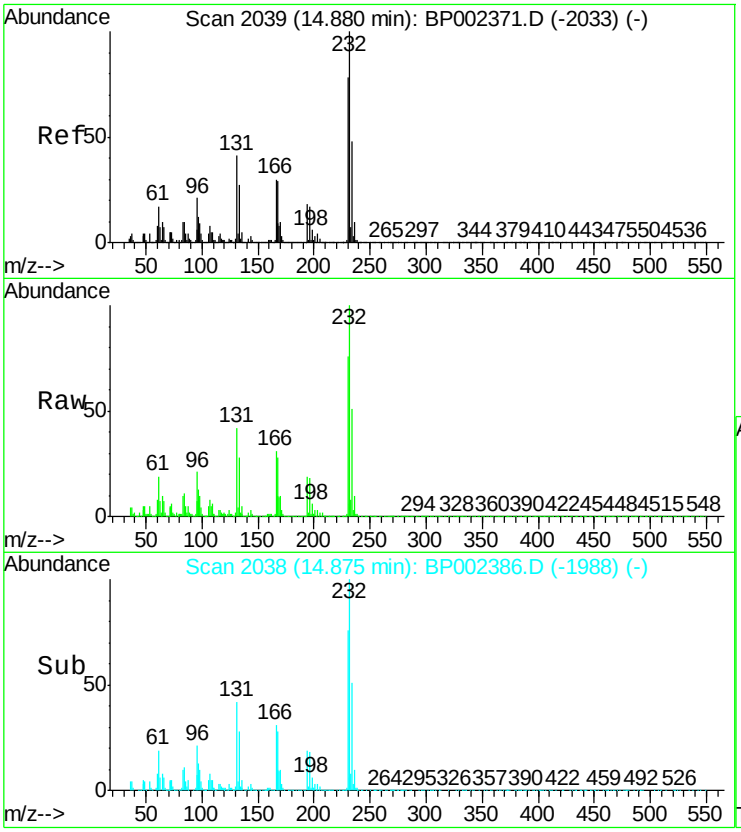


#58
Fluorene
Concen: 9.159 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:166 Resp: 217457

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.1	118.7
167	14.1	11.0	16.4



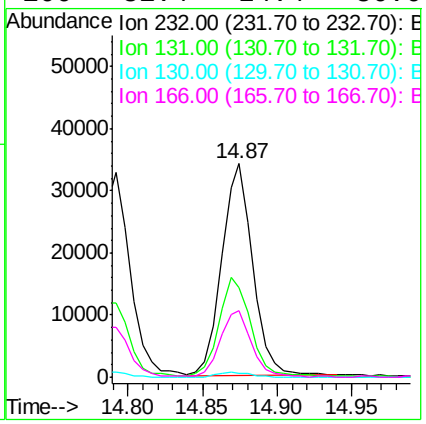


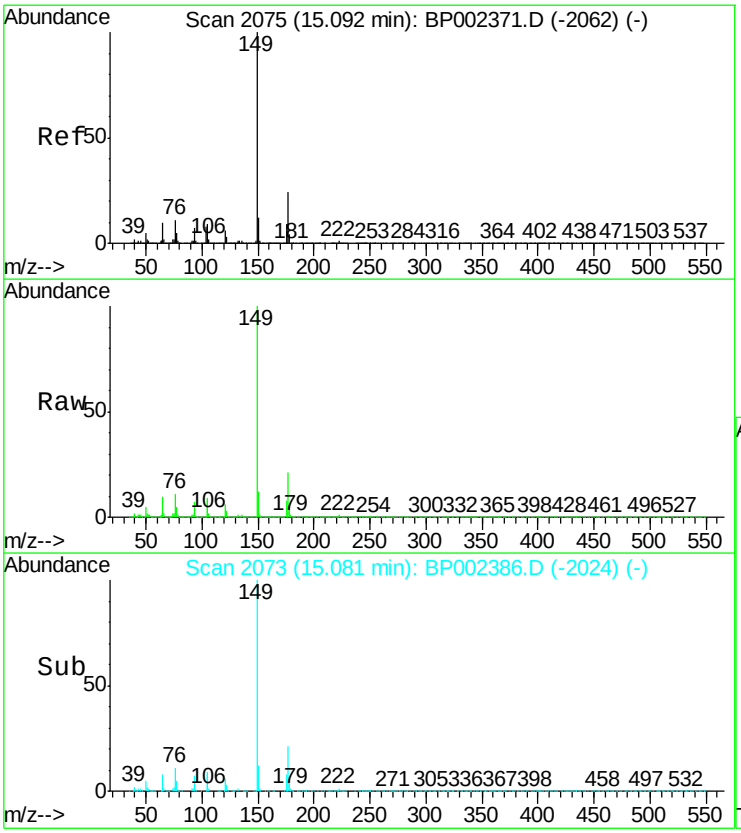
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.774 ng
RT: 14.87 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:232 Resp: 49864

Ion	Ratio	Lower	Upper
232	100		
131	47.6	35.1	52.7
130	2.7	1.8	2.8
166	31.4	24.4	36.6

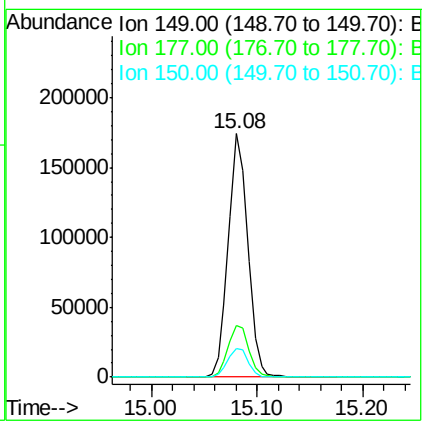


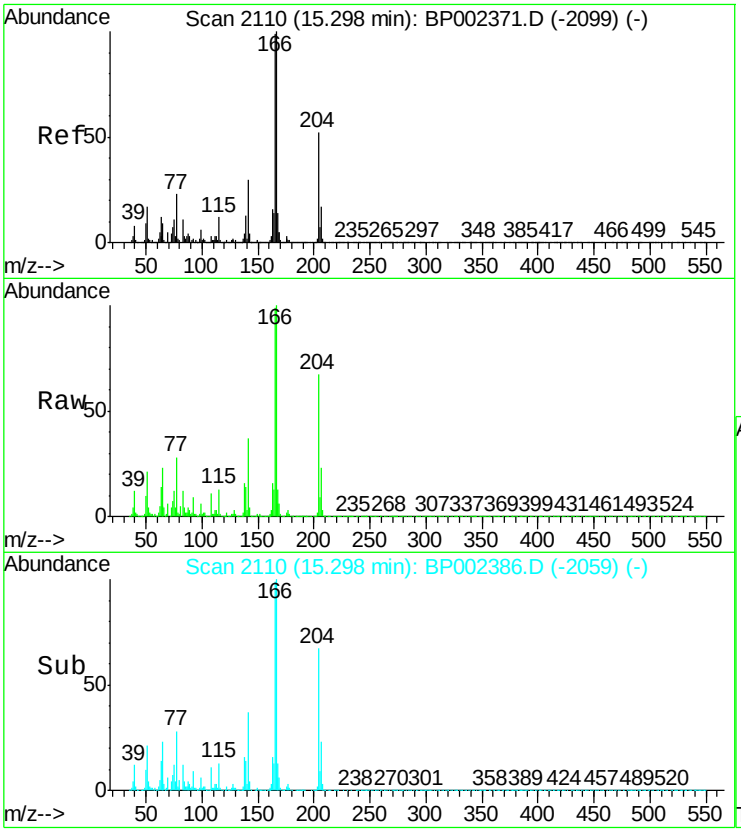


#60
Diethylphthalate
Concen: 8.664 ng
RT: 15.08 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:149 Resp: 222489

Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.9	28.3
150	11.6	9.9	14.9



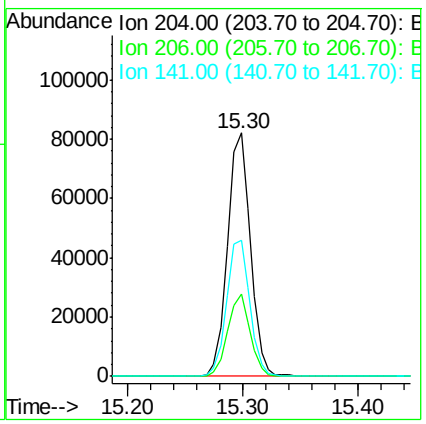


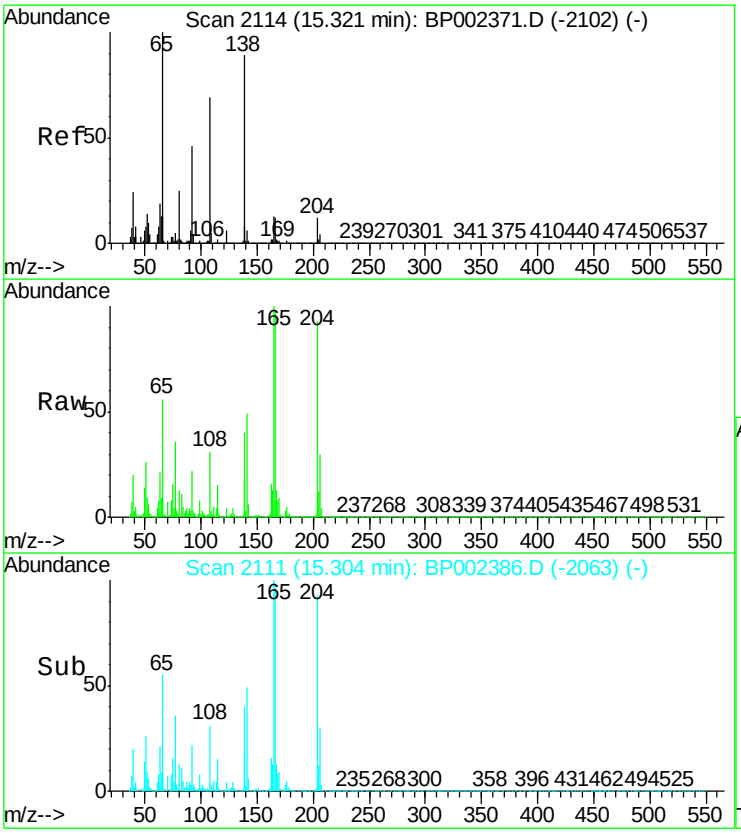
#61
4-Chlorophenyl-phenylether
Concen: 9.777 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:204 Resp: 112520

Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.8	40.2
141	55.7	46.6	69.8

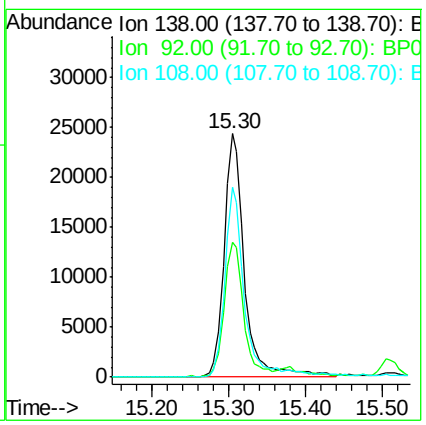


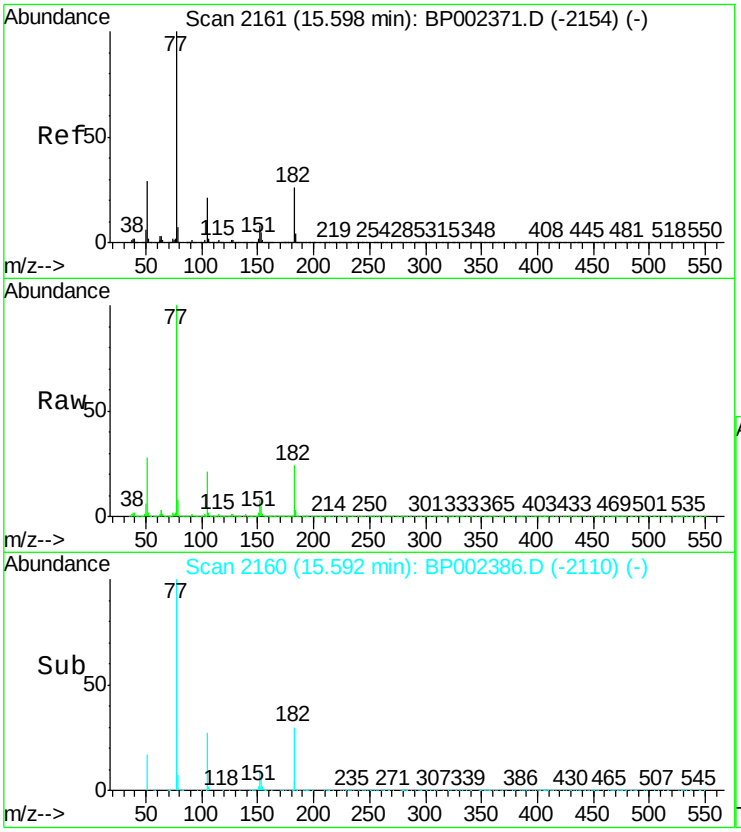


#62
4-Nitroaniline
Concen: 7.368 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:138 Resp: 44992

Ion	Ratio	Lower	Upper
138	100		
92	55.2	31.7	71.7
108	78.2	57.5	97.5



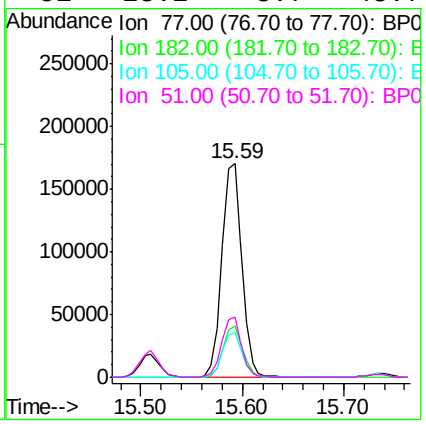


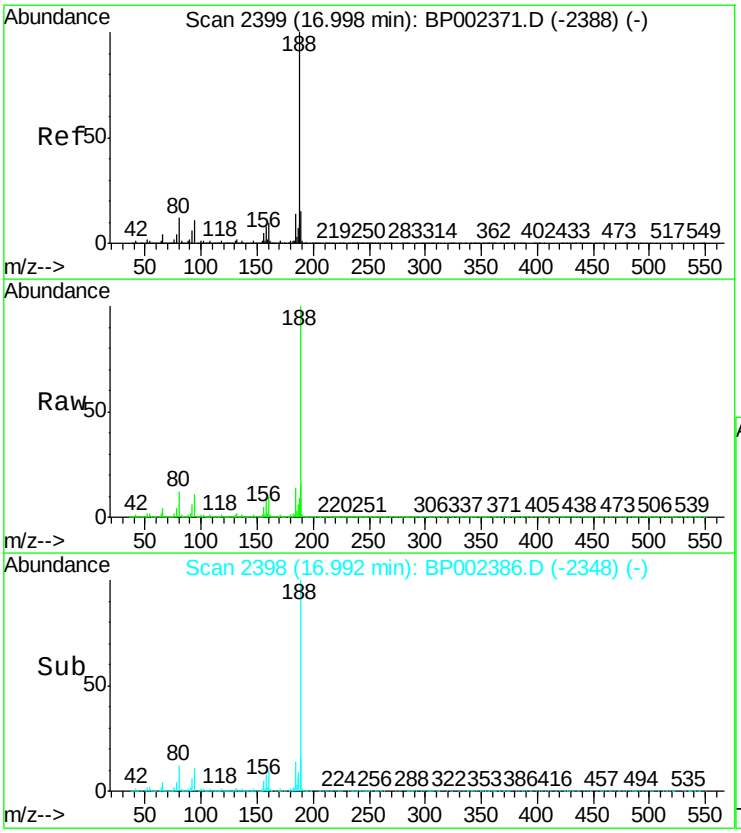
#63
Azobenzene
Concen: 9.104 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 77 Resp: 232706

Ion	Ratio	Lower	Upper
77	100		
182	24.2	6.0	46.0
105	21.3	1.3	41.3
51	28.2	8.7	48.7

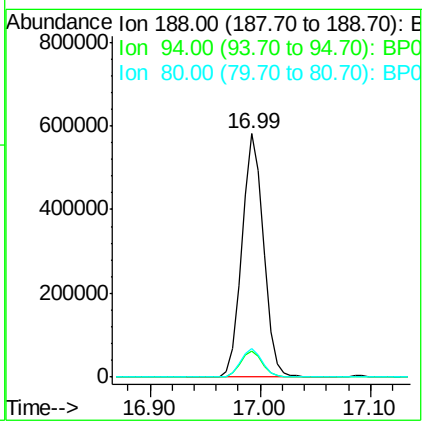


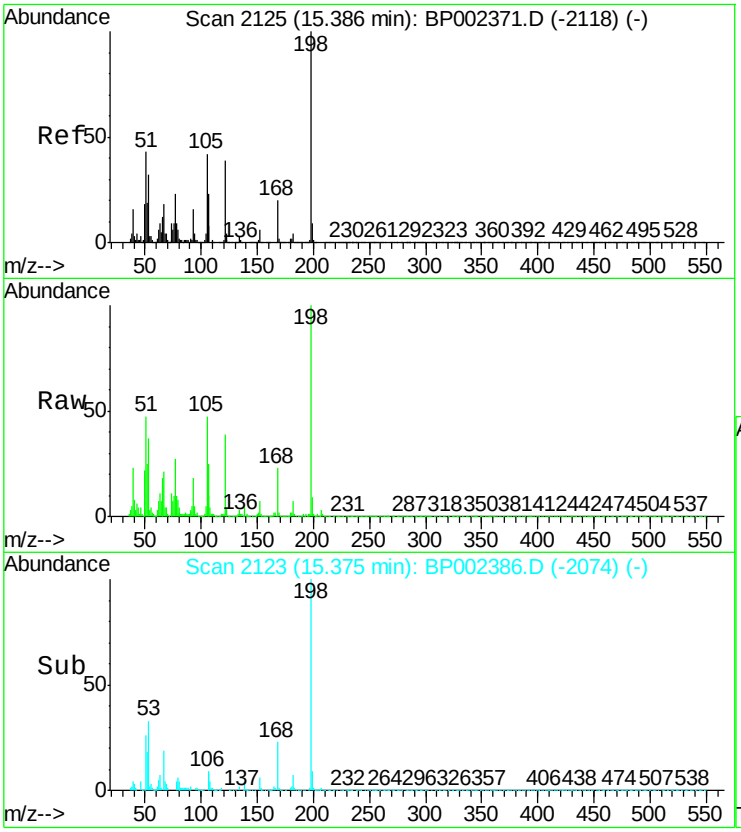


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:188 Resp: 798275

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.7	9.4	14.0



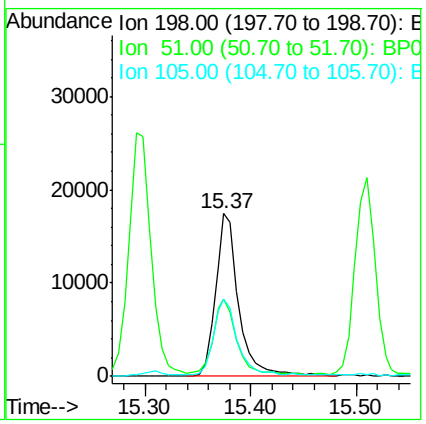


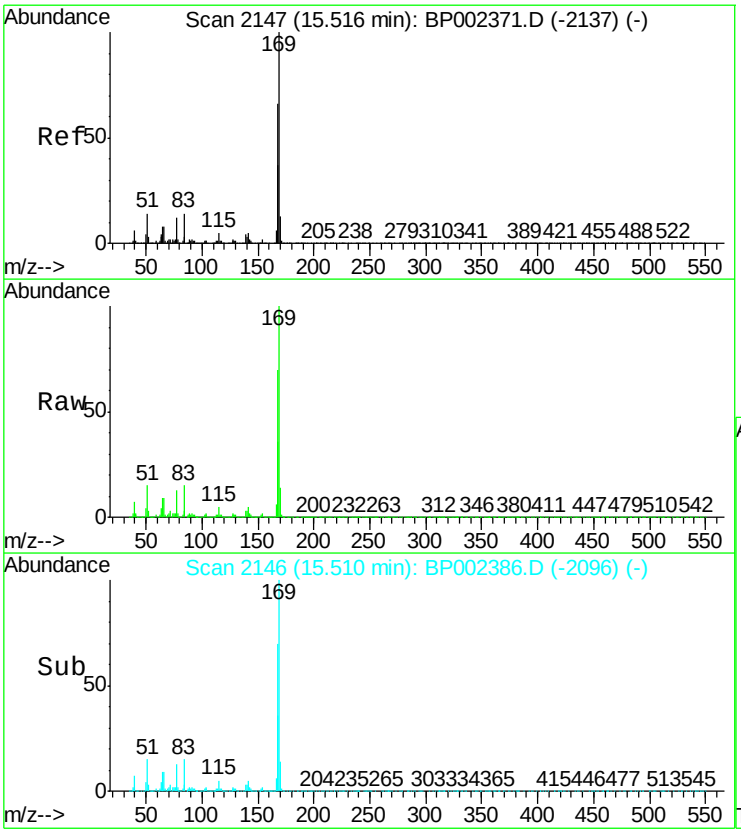
#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:198 Resp: 26557

Ion	Ratio	Lower	Upper
198	100		
51	47.4	23.4	63.4
105	47.4	22.5	62.5

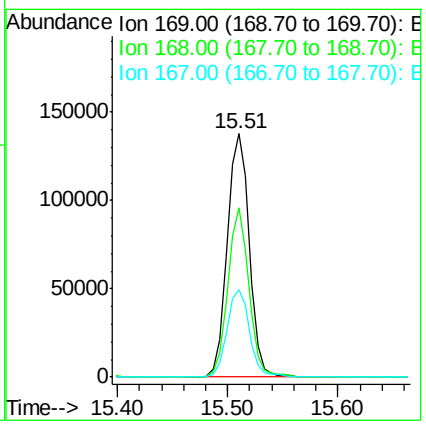


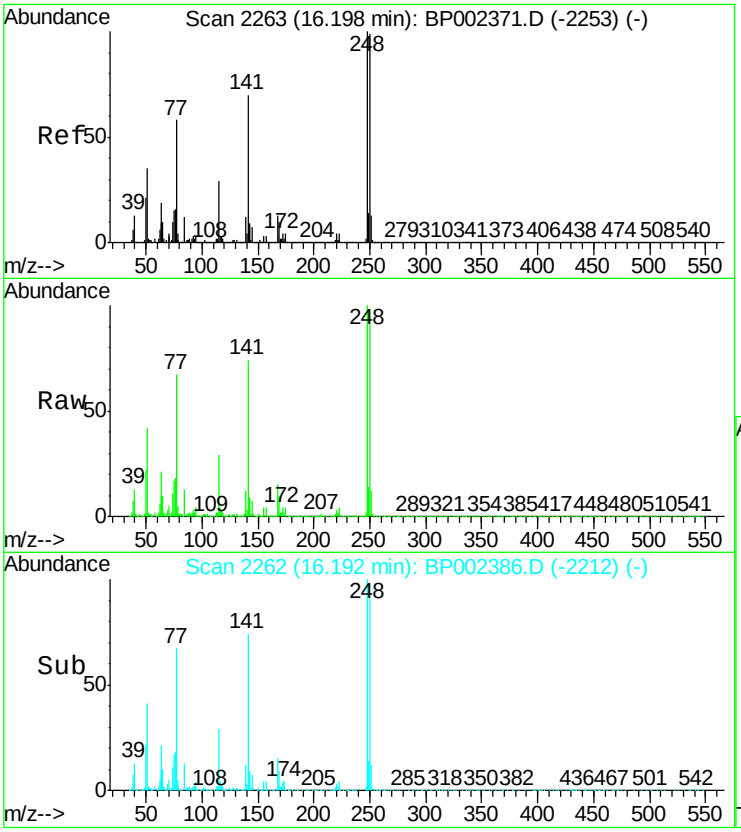


#66
n-Nitrosodiphenylamine
Concen: 9.496 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:169 Resp: 193649

Ion	Ratio	Lower	Upper
169	100		
168	69.6	52.8	79.2
167	35.7	29.4	44.0



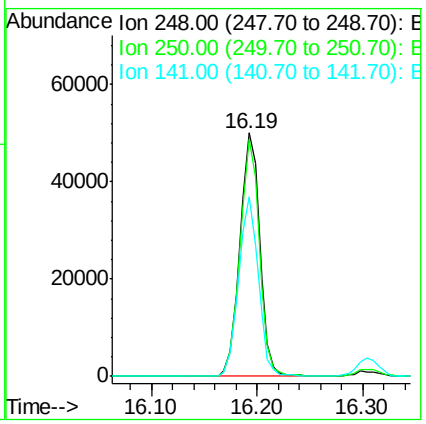


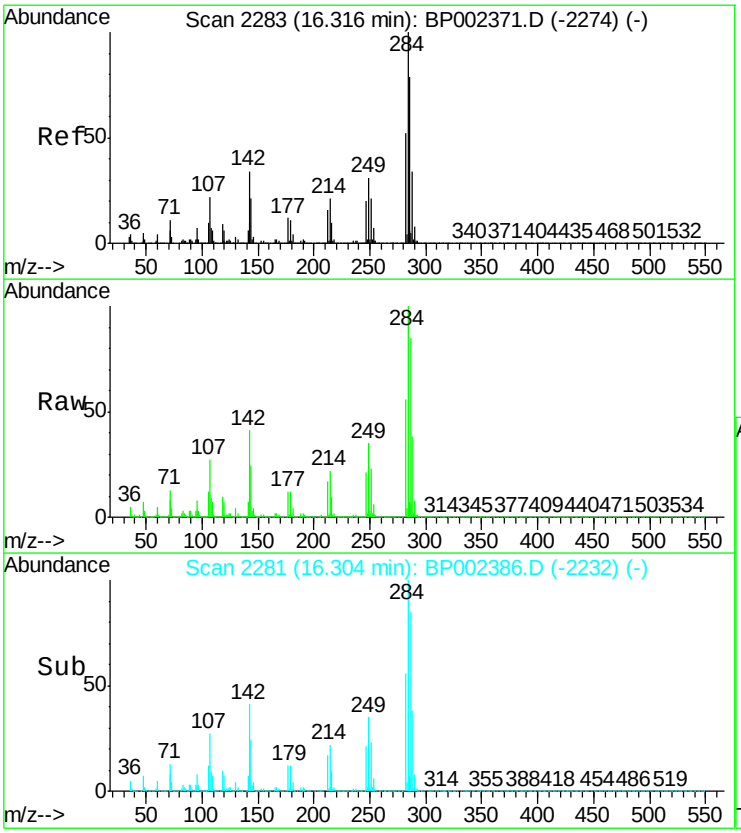
#67
4-Bromophenyl-phenylether
Concen: 8.592 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:248 Resp: 64973

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.3	118.9
141	73.9	55.7	83.5

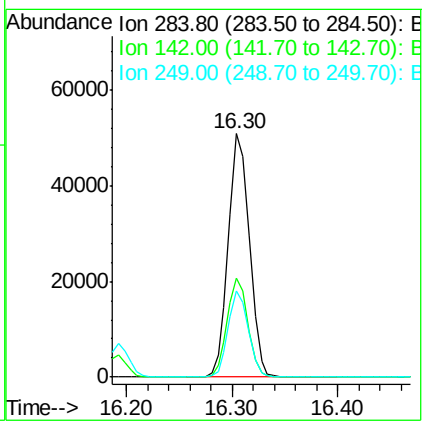


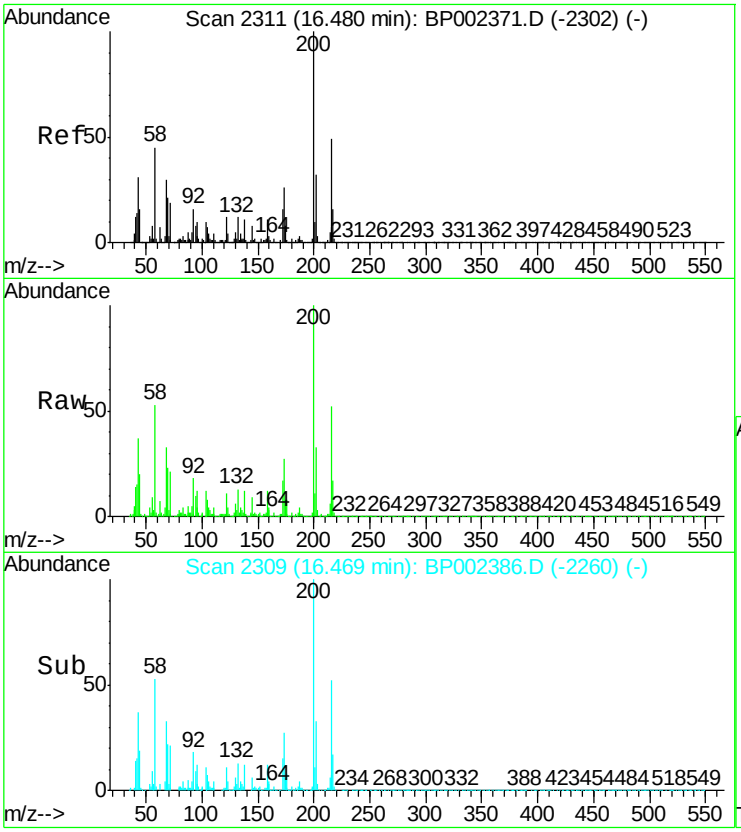


#68
Hexachlorobenzene
Concen: 8.722 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:284 Resp: 69992

Ion	Ratio	Lower	Upper
284	100		
142	40.8	27.4	41.0
249	35.2	24.9	37.3



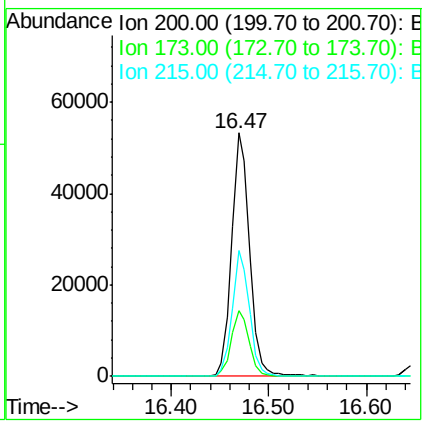


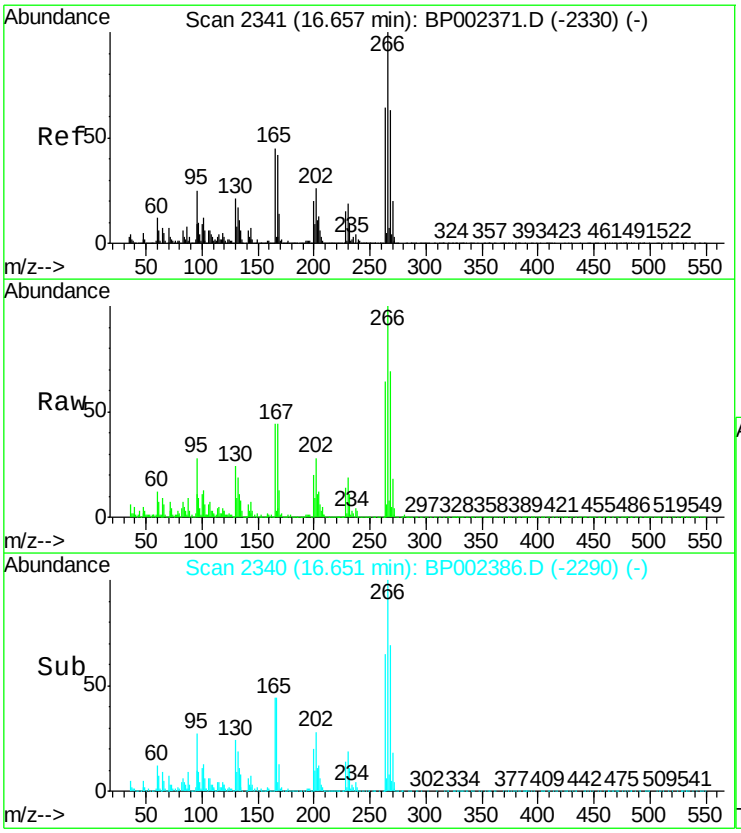
#69
Atrazine
Concen: 10.172 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:200 Resp: 67666

Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.4	46.4
215	51.9	29.3	69.3

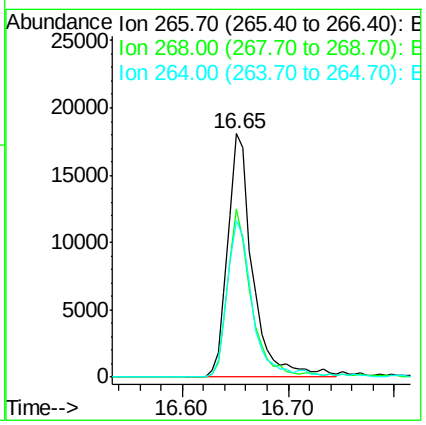


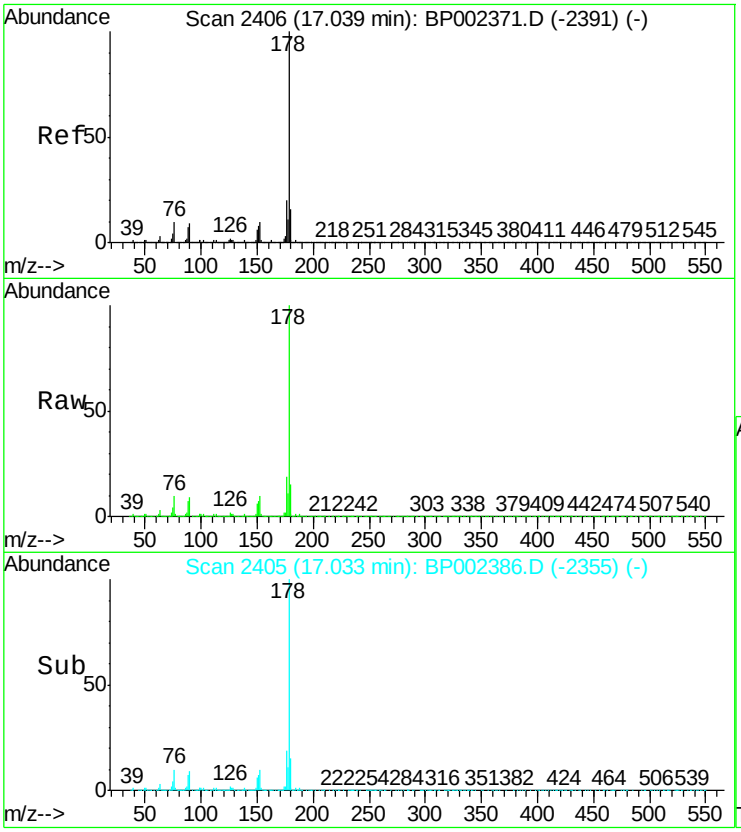


#70
Pentachlorophenol
Concen: 6.139 ng
RT: 16.65 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:266 Resp: 29475

Ion	Ratio	Lower	Upper
266	100		
268	69.2	50.5	75.7
264	64.5	51.4	77.0



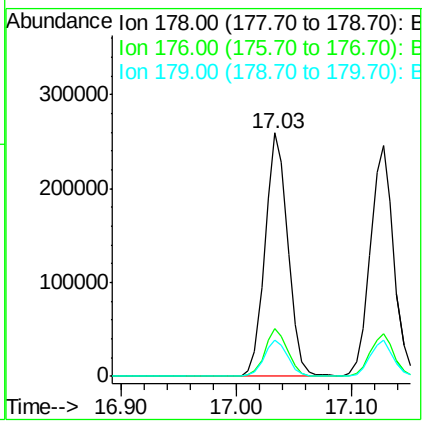


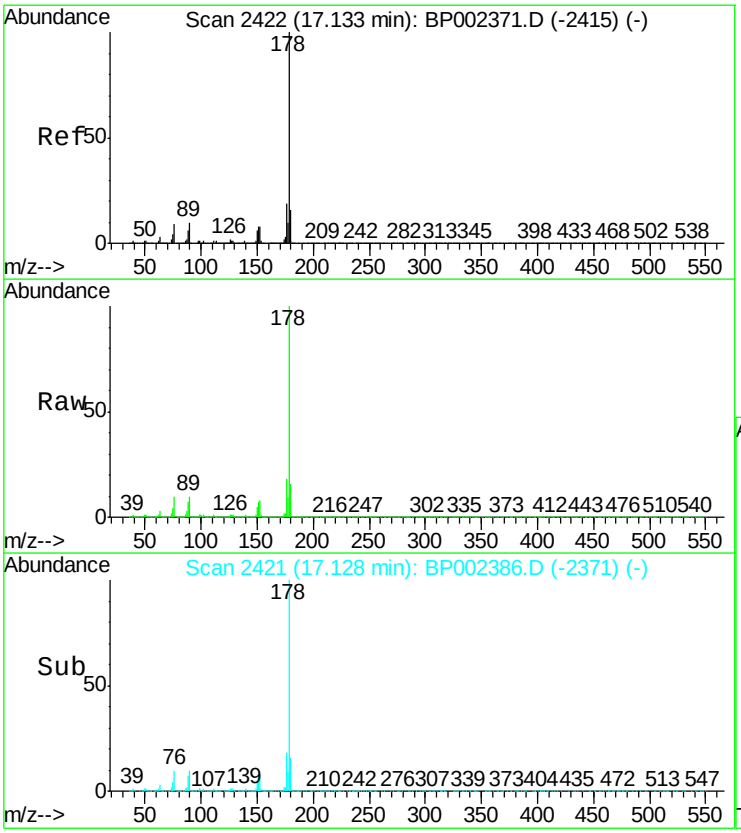
#71
Phenanthrene
Concen: 9.623 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:178 Resp: 359356

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.1	12.5	18.7

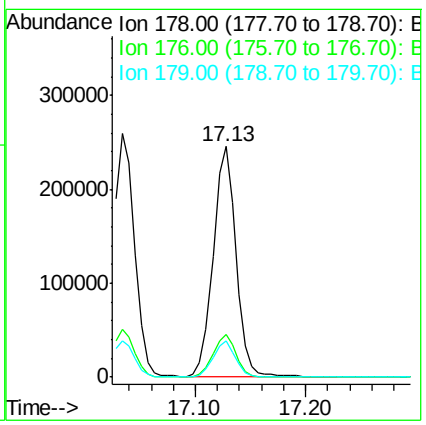


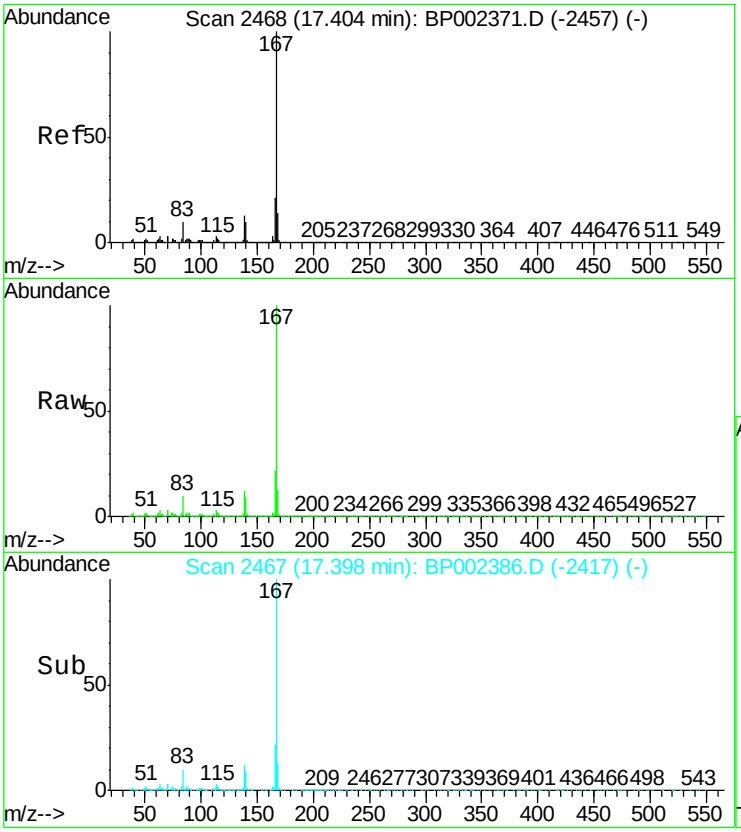


#72
Anthracene
Concen: 9.417 ng
RT: 17.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:178 Resp: 349318

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.5	13.0	19.4



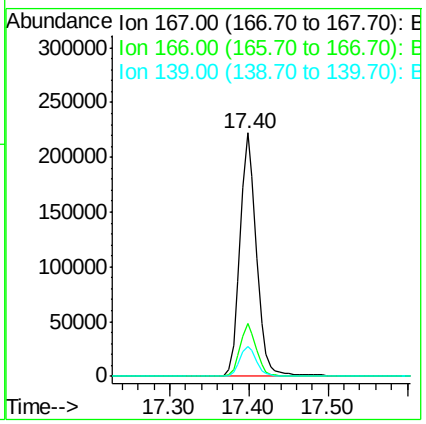


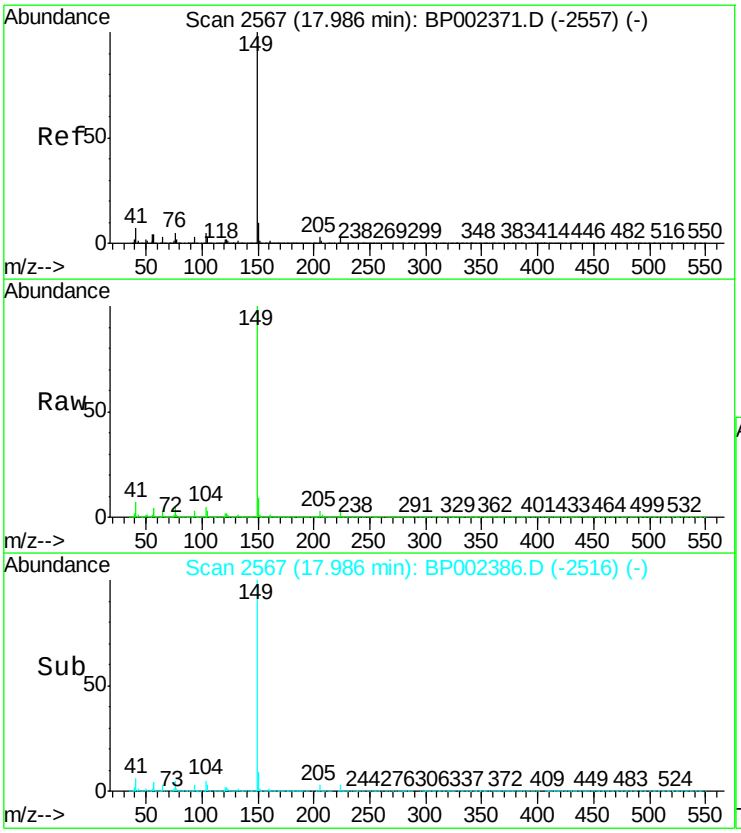
#73
Carbazole
Concen: 8.827 ng
RT: 17.40 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:167 Resp: 322114

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.1	10.3	15.5

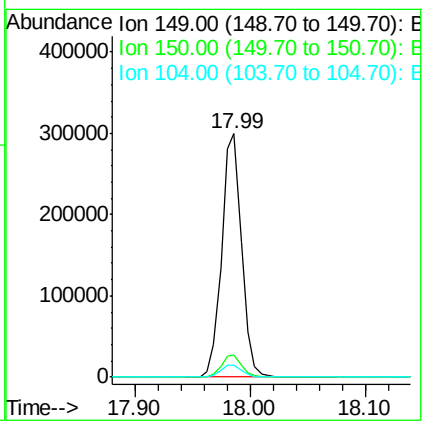


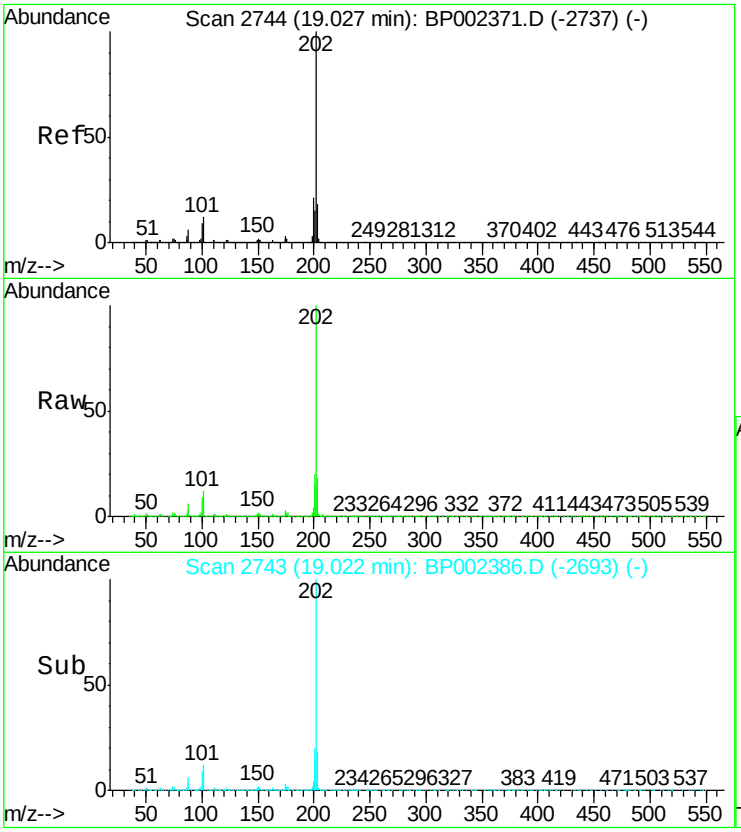


#74
Di-n-butylphthalate
Concen: 8.247 ng
RT: 17.99 min Scan# 2567
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:149 Resp: 356145

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	5.1	4.3	6.5



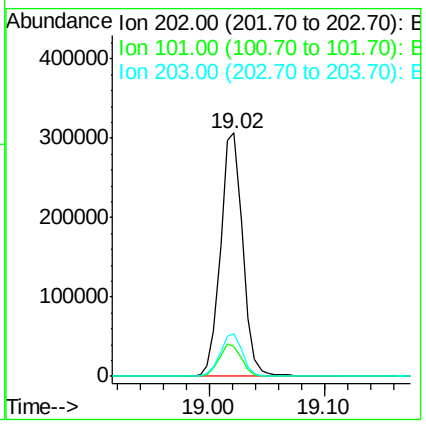


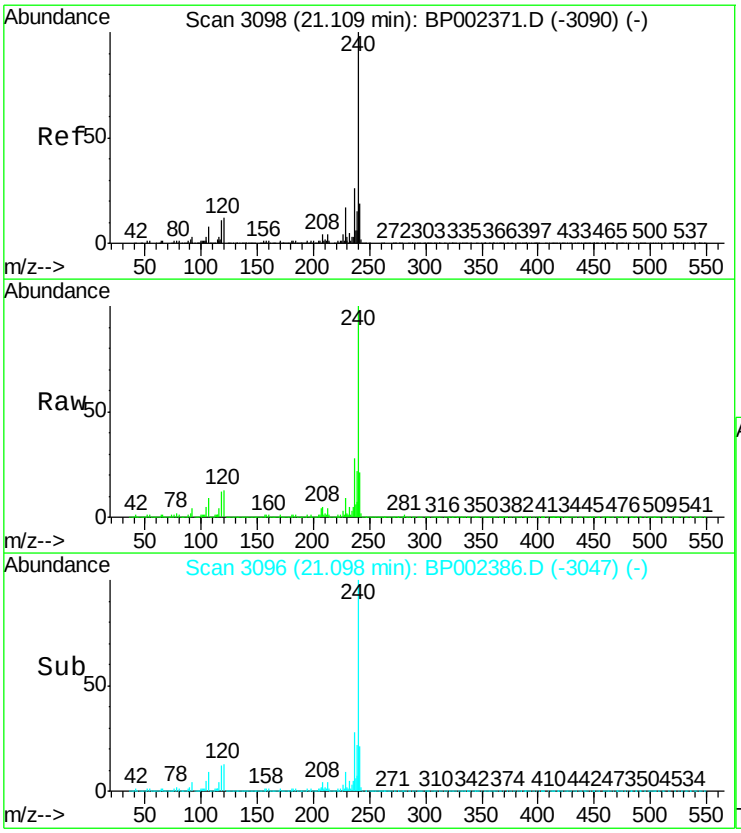
#75
Fluoranthene
Concen: 9.159 ng
RT: 19.02 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:202 Resp: 408257

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.8
203	17.5	0.0	38.0

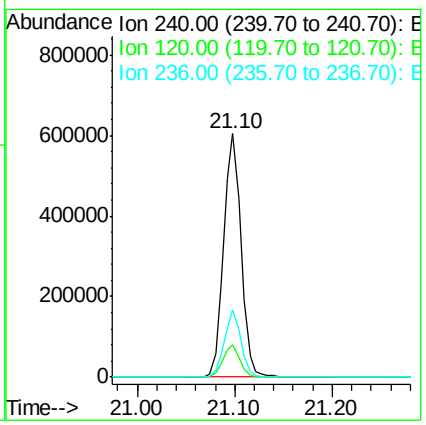


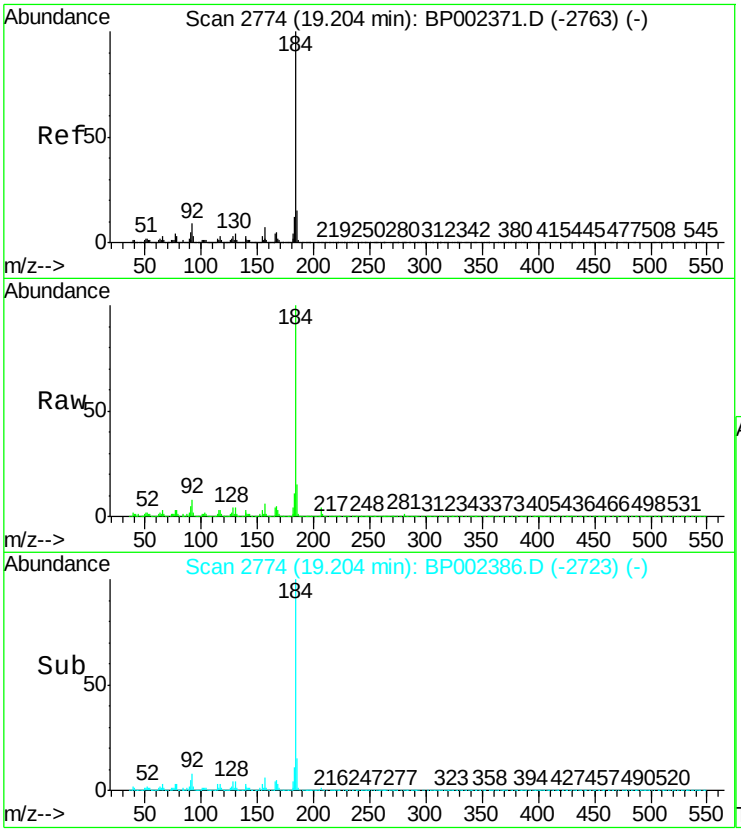


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:240 Resp: 748550

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.3	13.9
236	27.8	21.0	31.6



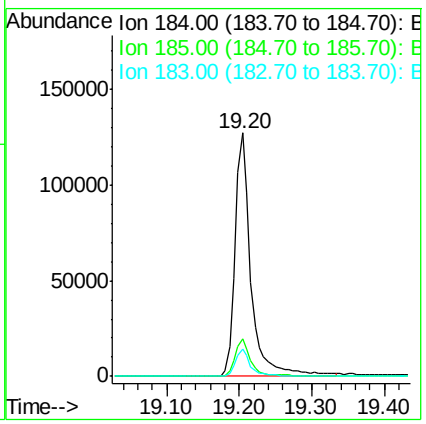


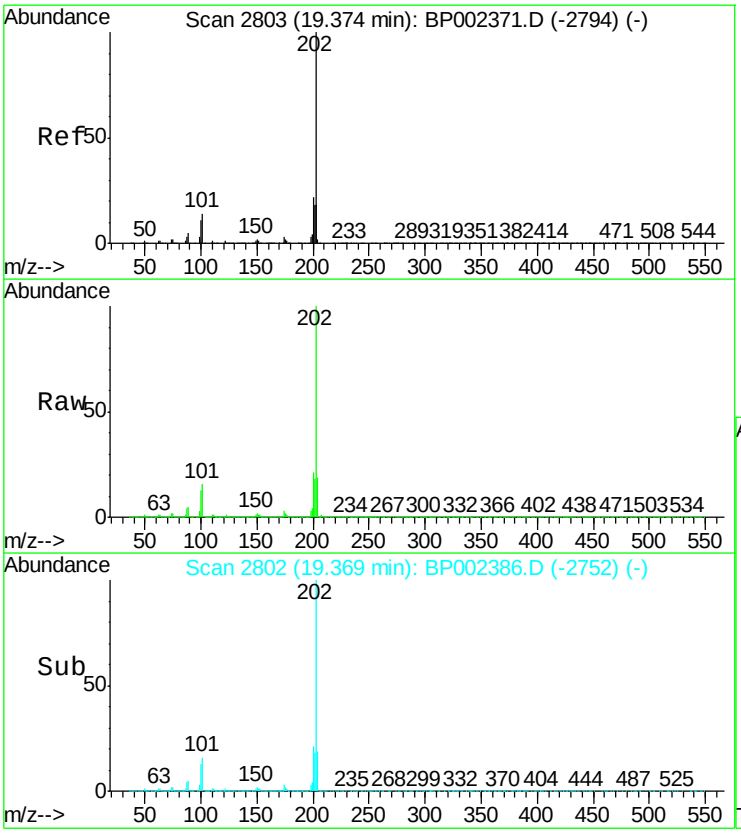
#77
Benzidine
Concen: 11.628 ng
RT: 19.20 min Scan# 2774
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:184 Resp: 194486

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.8
183	11.5	9.2	13.8

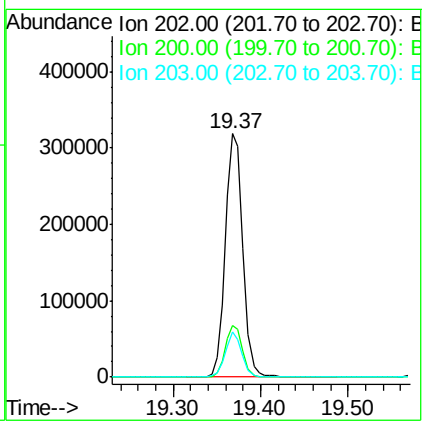


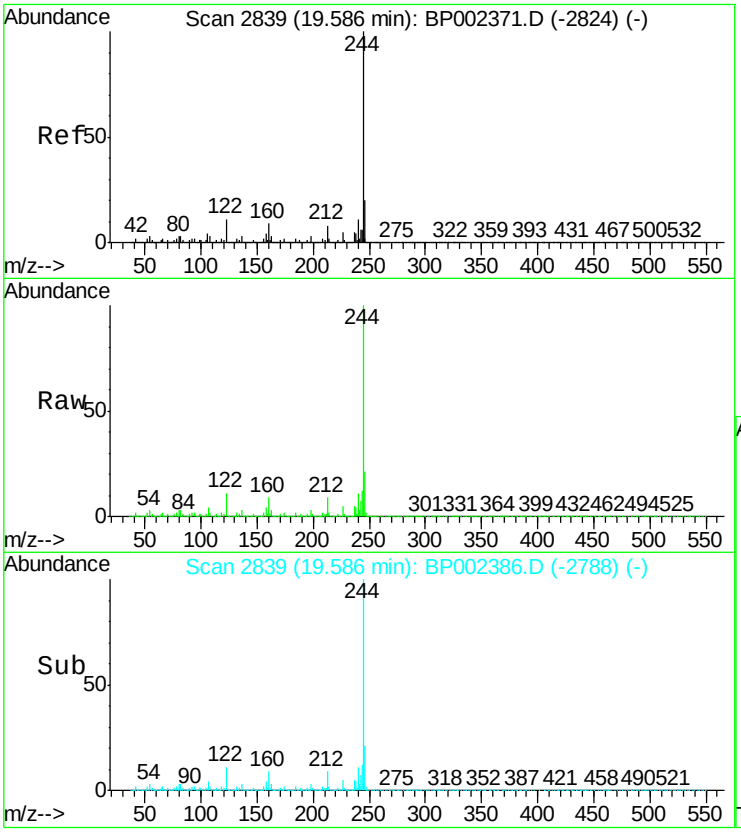


#78
Pyrene
Concen: 9.532 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:202 Resp: 437038

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	18.7	14.6	22.0



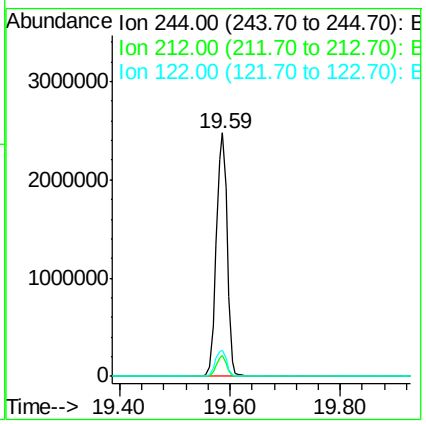


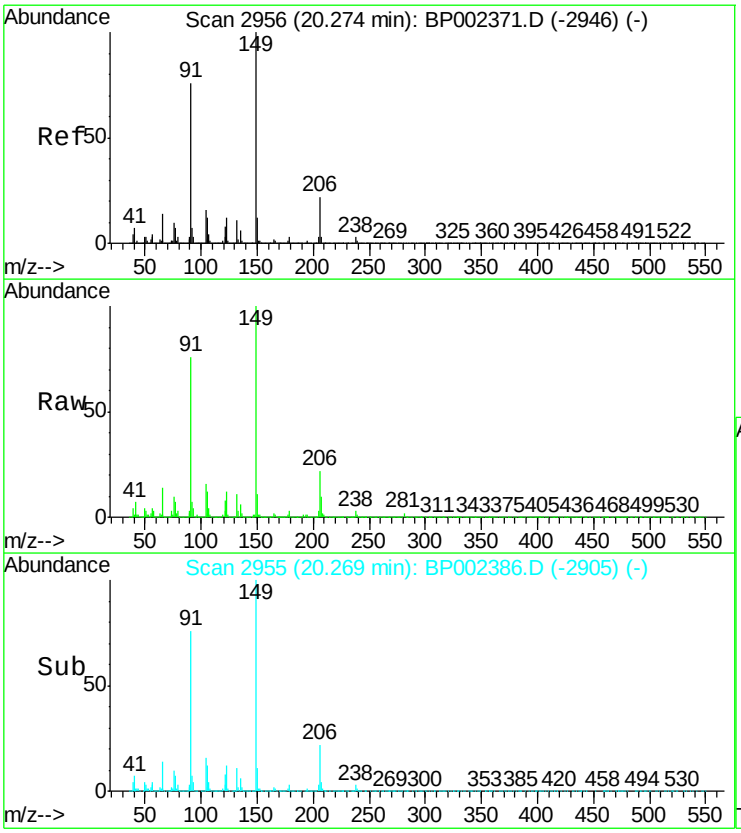
#79
Terphenyl-d14
Concen: 119.437 ng
RT: 19.59 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:244 Resp: 3412105

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	10.6	8.8	13.2

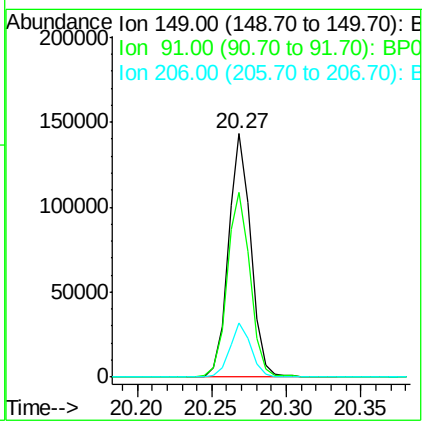


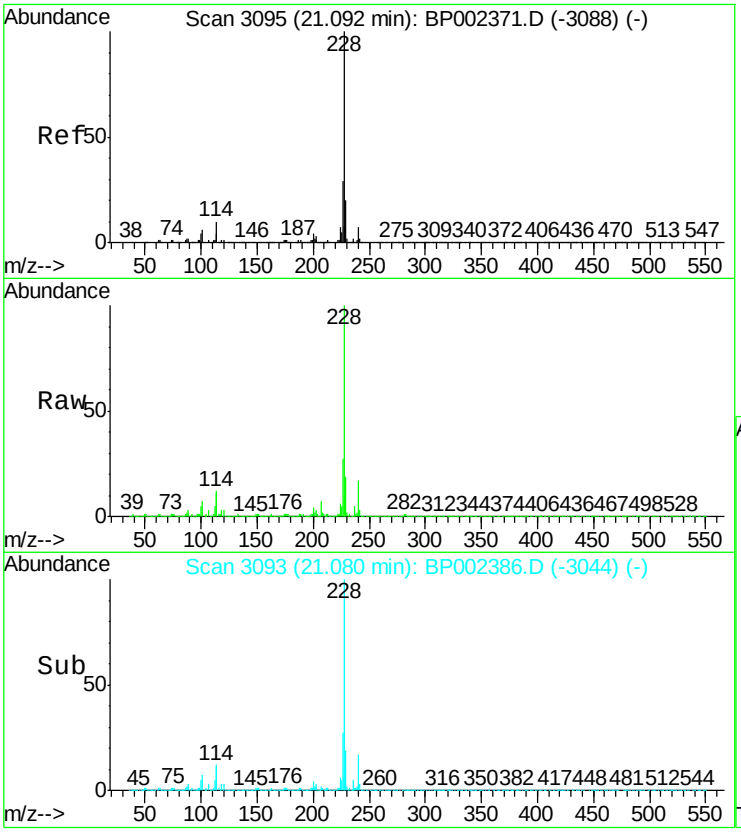


#80
Butylbenzylphthalate
Concen: 7.412 ng
RT: 20.27 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:149 Resp: 151072

Ion	Ratio	Lower	Upper
149	100		
91	76.0	61.2	91.8
206	22.4	17.8	26.6



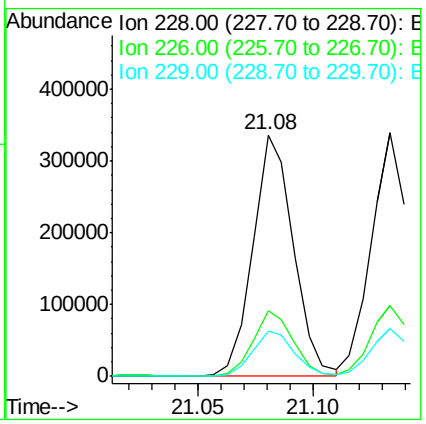


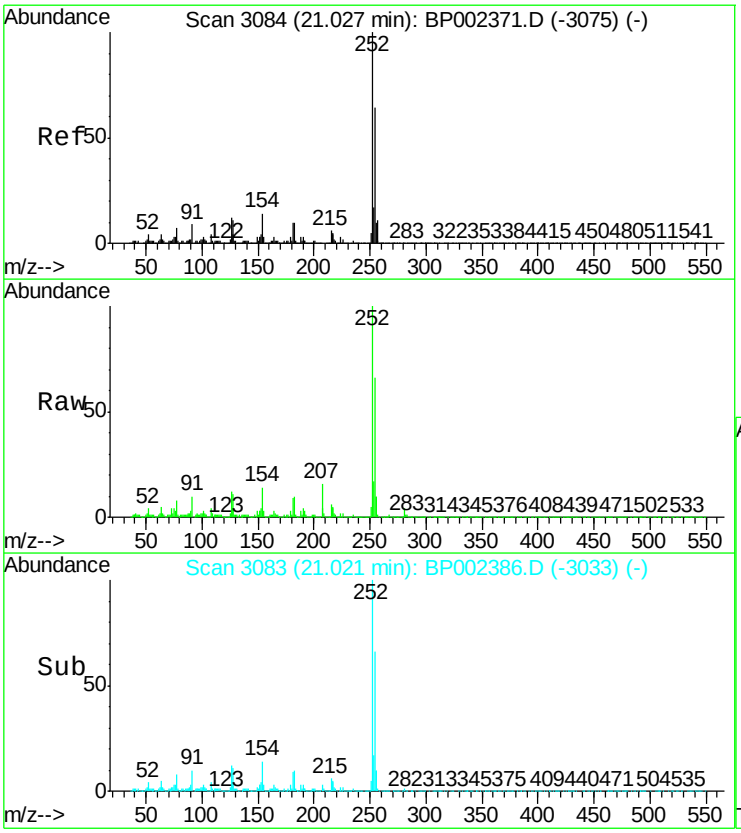
#81
Benzo(a)anthracene
Concen: 9.625 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:228 Resp: 411258

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.8	34.2
229	18.8	16.2	24.2

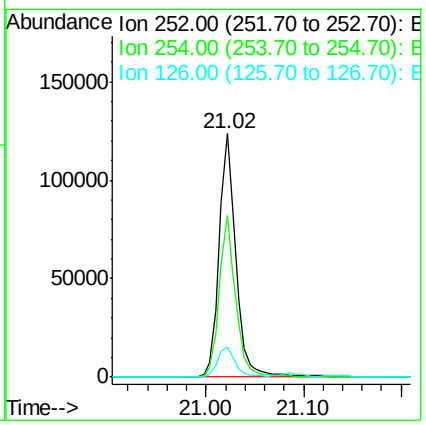


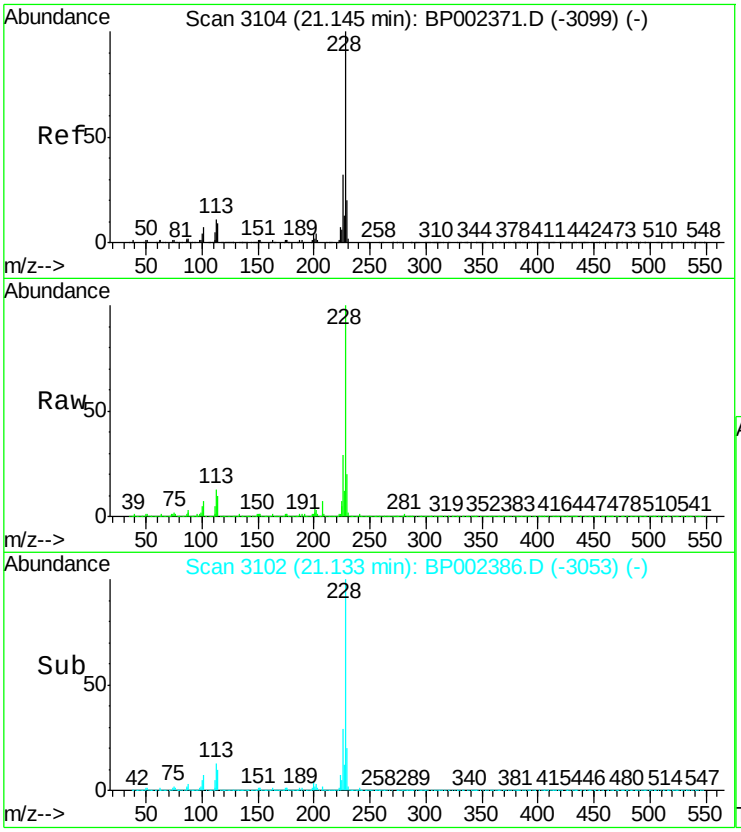


#82
3,3'-Dichlorobenzidine
Concen: 9.350 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:252 Resp: 148468

Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.4	77.2
126	12.0	9.2	13.8



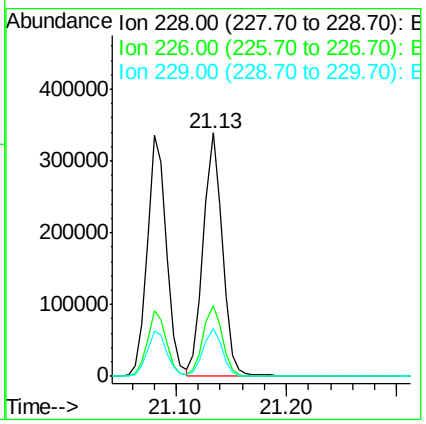


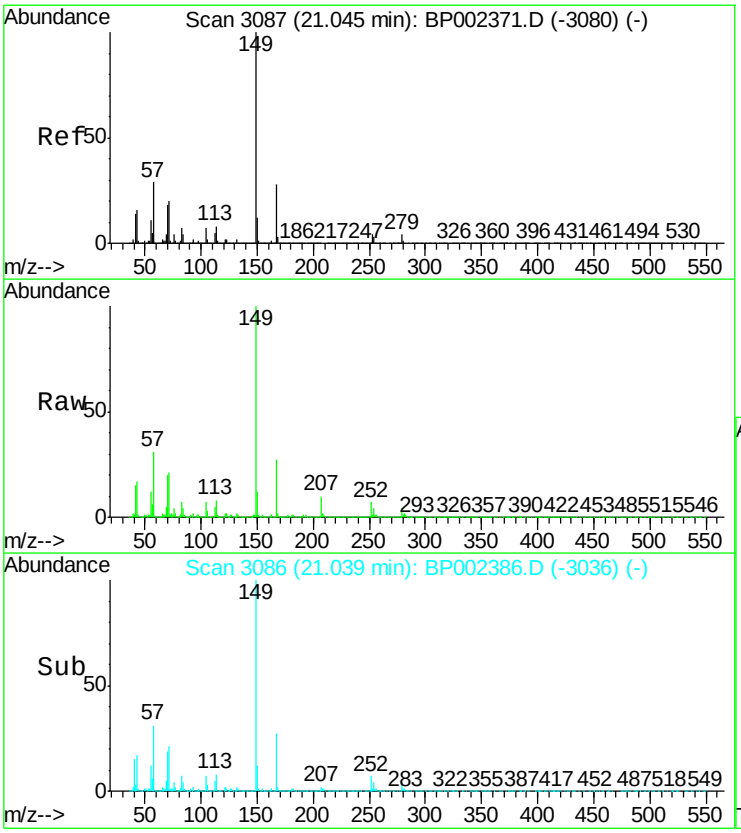
#83
Chrysene
Concen: 9.802 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:228 Resp: 396789

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.2	37.8
229	19.6	16.1	24.1

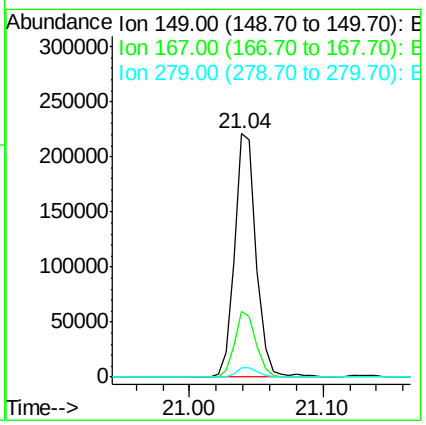


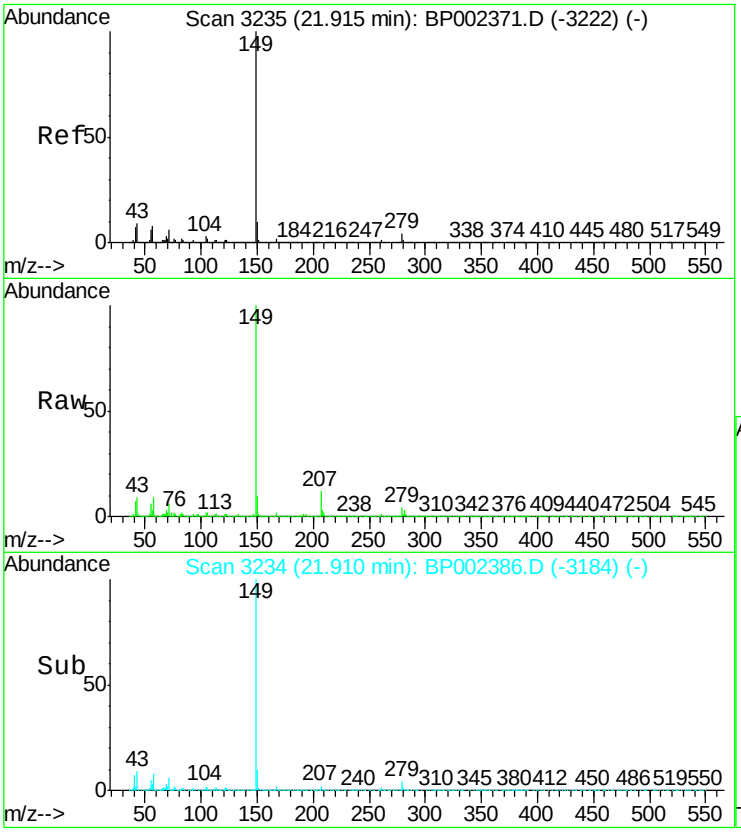


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.370 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:149 Resp: 248168

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.3	33.5
279	3.8	3.2	4.8



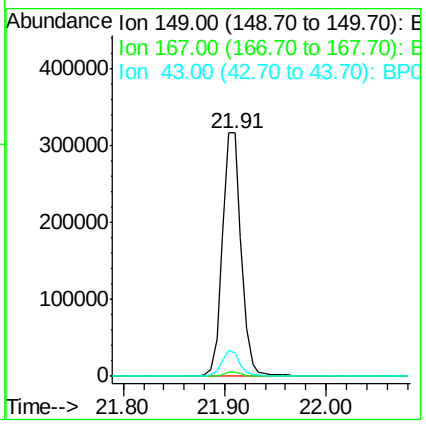


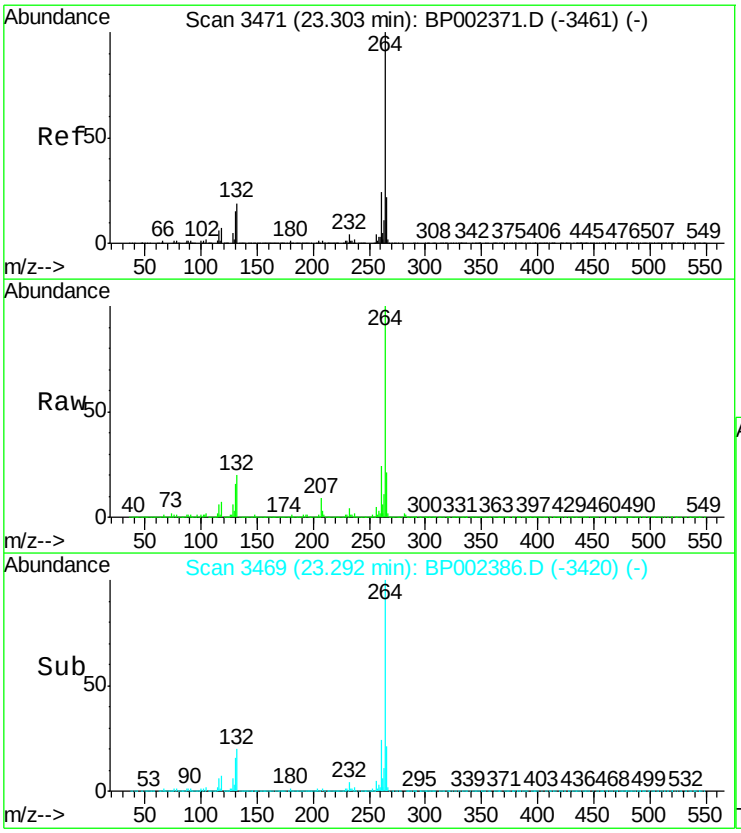
#85
Di-n-octyl phthalate
Concen: 7.763 ng
RT: 21.91 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:149 Resp: 403678

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.2	7.8	11.6

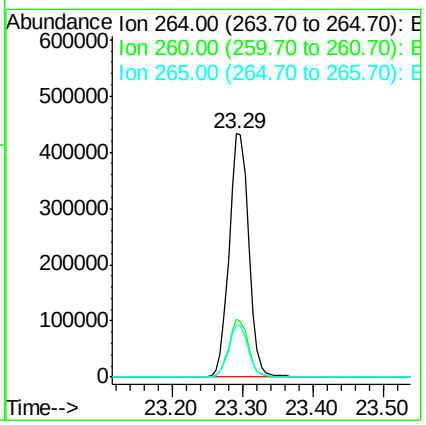


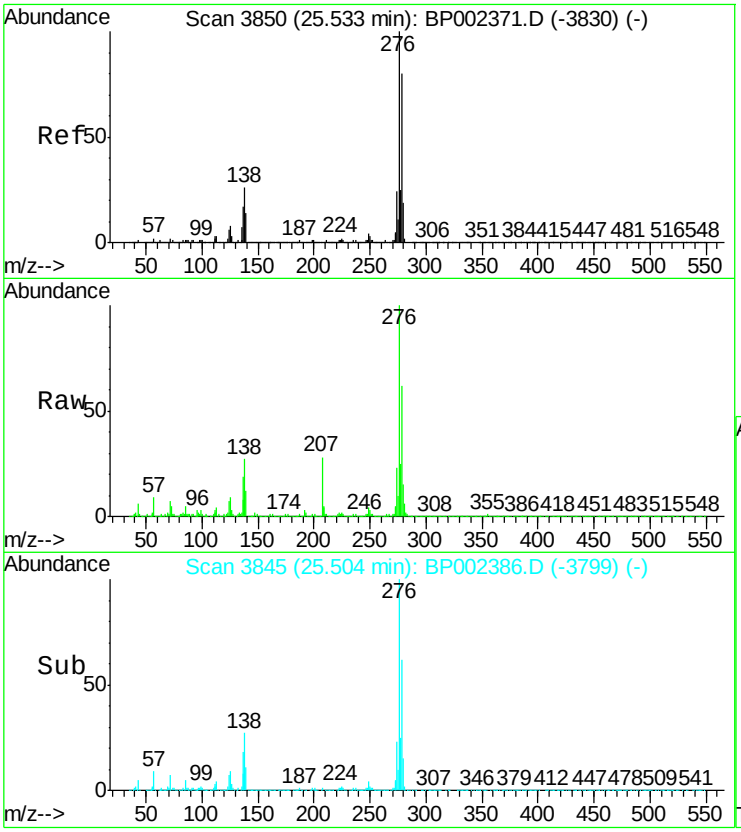


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:264 Resp: 838180

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.3	17.4	26.2



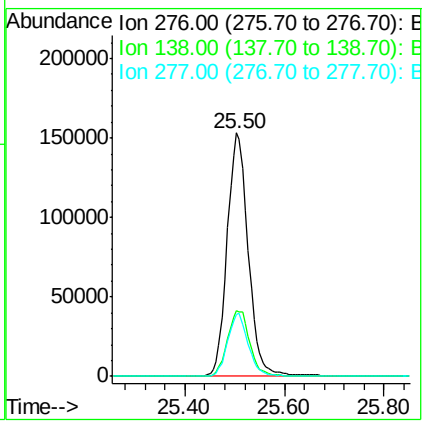


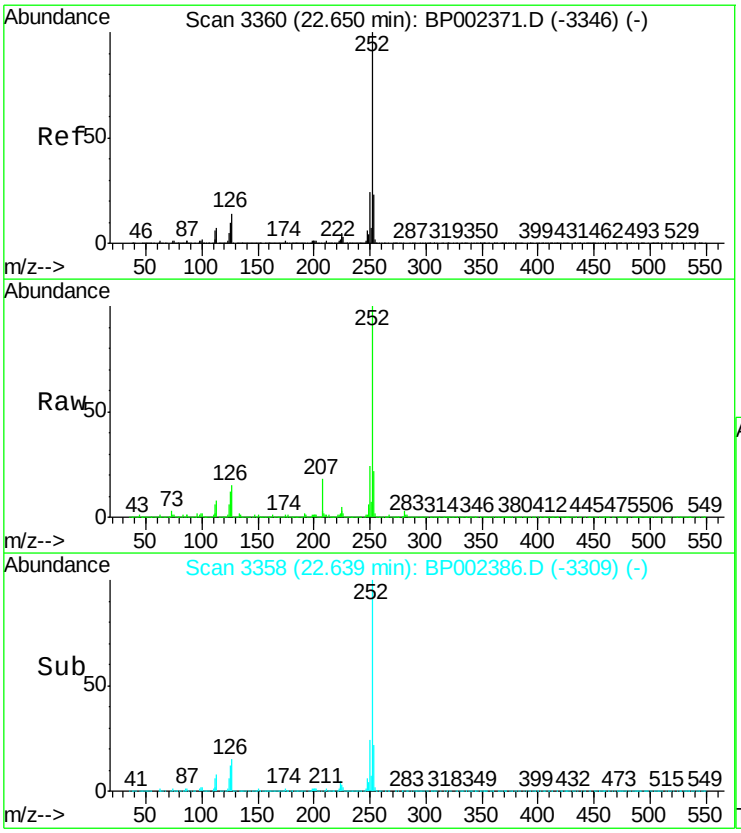
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.607 ng
RT: 25.50 min Scan# 3845
Delta R.T. -0.03 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:276 Resp: 451243

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.2	31.8
277	25.2	20.3	30.5

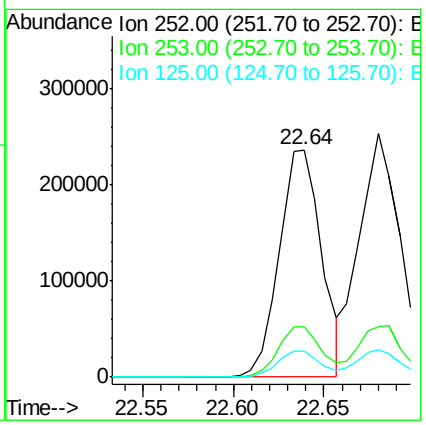


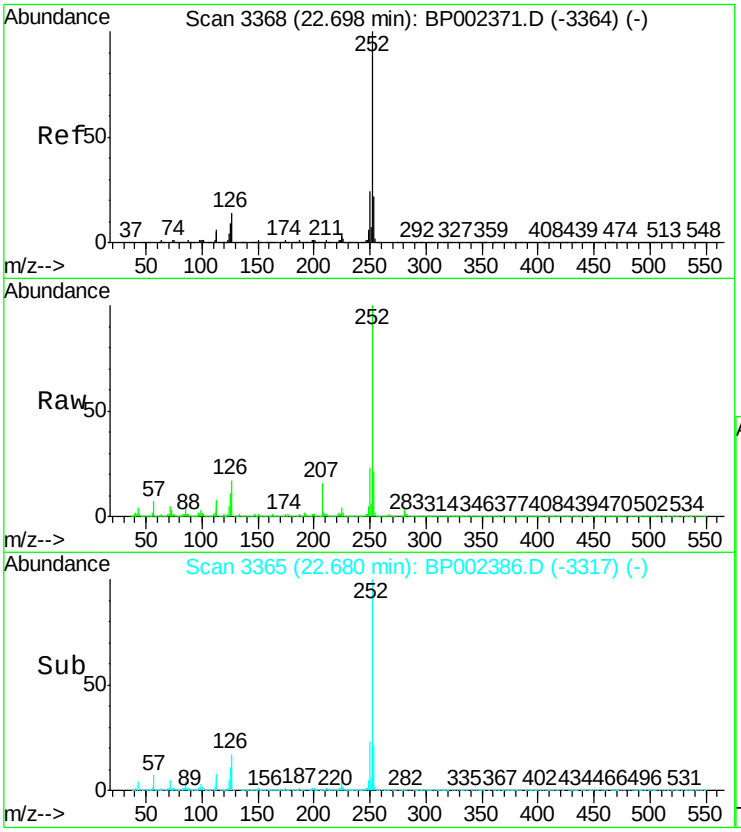


#88
Benzo(b)fluoranthene
Concen: 8.526 ng
RT: 22.64 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:252 Resp: 385374

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.7	8.2	12.2



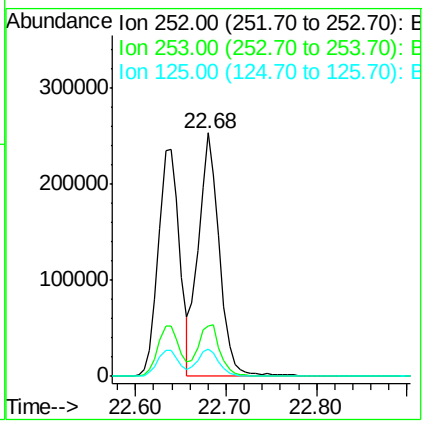


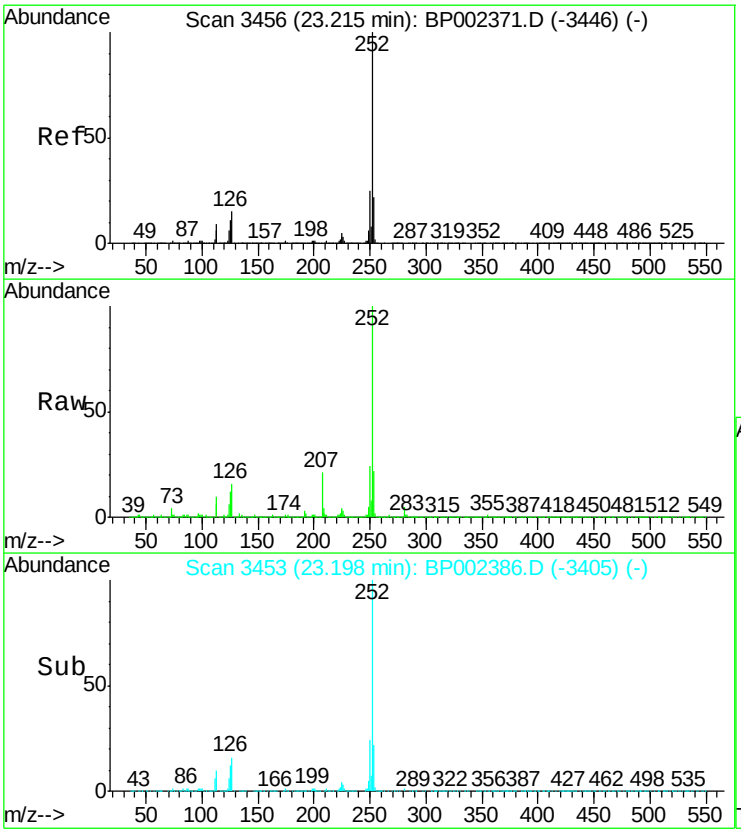
#89
Benzo(k)fluoranthene
Concen: 9.505 ng
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:252 Resp: 408204

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.6
125	11.3	7.8	11.8

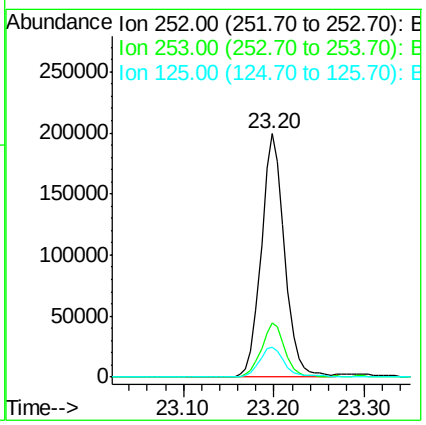


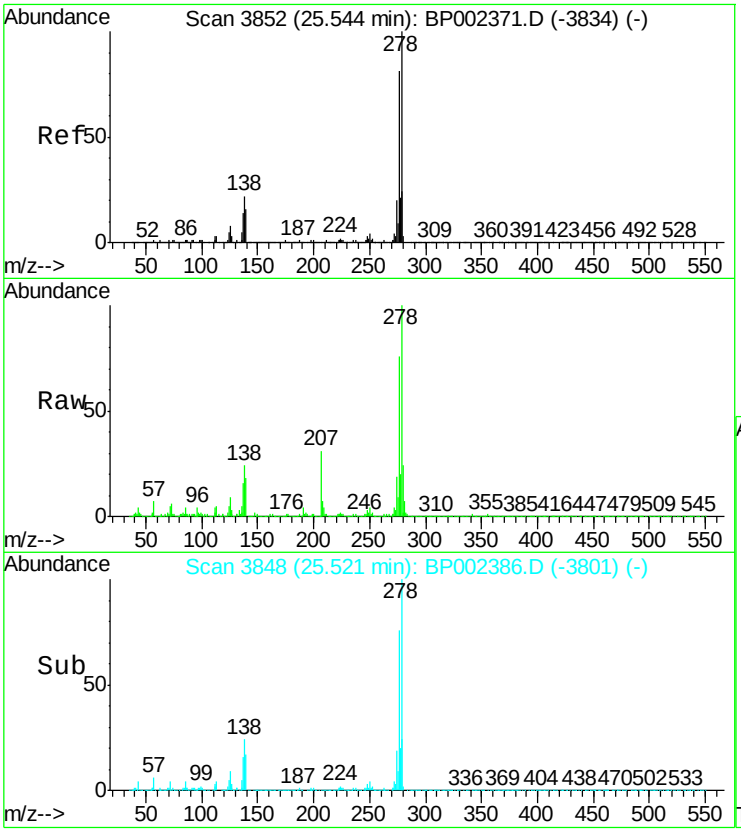


#90
Benzo(a)pyrene
Concen: 8.397 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:252 Resp: 355686

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	12.0	9.2	13.8



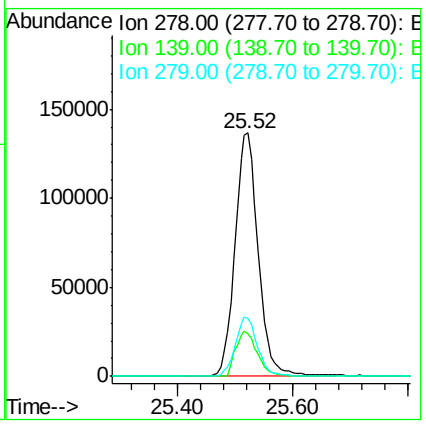


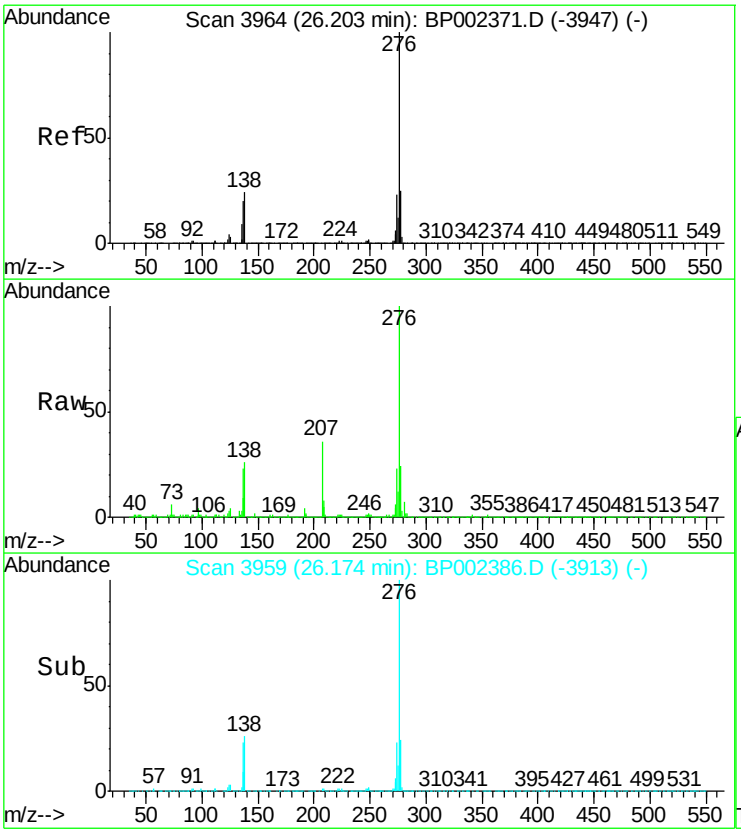
#91
Dibenzo(a,h)anthracene
Concen: 9.041 ng
RT: 25.52 min Scan# 3848
Delta R.T. -0.02 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:278 Resp: 380219

Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.1	19.7
279	23.7	18.9	28.3





#92
Benzo(g,h,i)perylene
Concen: 8.642 ng
RT: 26.17 min Scan# 3959
Delta R.T. -0.03 min
Lab File: BP002386.D
Acq: 10 Jun 2020 21:41

Tgt Ion:276 Resp: 376412

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	25.9	19.2	28.8