Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032519\
Data File : BF113283.D
Acq On : 25 Mar 2019 17:04
Operator : JU/SJ
Sample : K1560-07
Misc : LOQ 8 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2019

Quant Time: Mar 26 03:59:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	175284	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	658223	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	321889	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	656090	20.00	ng		0.00
76) Chrysene-d12	13.84	240	587275	20.00	ng		0.00
87) Perylene-d12	15.24	264	557562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	960976	89.64	ng		0.00
7) Phenol-d6	6.35	99	1340134	98.82	ng		0.00
23) Nitrobenzene-d5	7.27	82	927699	83.65	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	420015	105.64	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1648499	79.03	ng		0.00
79) Terphenyl-d14	12.79	244	1887737	70.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	37821	6.954	ng		99
3) Pyridine	3.14	79	84432	6.297	ng		95
4) n-Nitrosodimethylamine	3.00	42	41106	6.896	ng	#	94
6) Aniline	6.36	93	138452	8.384	ng		99
8) 2-Chlorophenol	6.49	128	103652	8.326	ng		95
9) Benzaldehyde	6.25	77	75391	8.285	ng		96
10) Phenol	6.36	94	128244	8.283	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	96068	8.095	ng		99
12) 1,3-Dichlorobenzene	6.65	146	113583	8.465	ng		96
13) 1,4-Dichlorobenzene	6.72	146	114368	8.827	ng		99
14) 1,2-Dichlorobenzene	6.87	146	105674	8.291	ng		98
15) Benzyl Alcohol	6.85	79	77068	8.614	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	154870	8.687	ng		99
17) 2-Methylphenol	6.97	107	84156	8.626	ng		96
18) Hexachloroethane	7.22	117	40364	8.674	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	72705	8.535	ng		99
20) 3+4-Methylphenols	7.13	107	101785	1.915	ng		91
22) Acetophenone	7.11	105	139539	9.296	ng	#	96
24) Nitrobenzene	7.28	77	108784	9.400	ng		93
25) Isophorone	7.52	82	193012	8.981	ng		98
26) 2-Nitrophenol	7.60	139	54009	8.830	ng		92
27) 2,4-Dimethylphenol	7.65	122	79015	8.980	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	126925	9.378	ng		99
29) 2,4-Dichlorophenol	7.85	162	85740	8.992	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	95680	9.300	ng		97
31) Naphthalene	8.00	128	307070	9.546	ng		98
32) Benzoic acid	7.74	122	35364	4.993	ng		98
33) 4-Chloroaniline	8.06	127	120556	9.611	ng		99
34) Hexachlorobutadiene	8.13	225	57106	9.339	ng		97
35) Caprolactam	8.39	113	25817	8.436	ng	#	87
36) 4-Chloro-3-methylphenol	8.55	107	88021	9.178	ng		98
37) 2-Methylnaphthalene	8.70	142	202259	10.077	ng		99
38) 1-Methylnaphthalene	8.79	142	195261	10.115	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	95881	9.280	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032519\
Data File : BF113283.D
Acq On : 25 Mar 2019 17:04
Operator : JU/SJ
Sample : K1560-07
Misc : LOQ 8 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2019

Quant Time: Mar 26 03:59:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	18415	4.211 ng		96
43) 2,4,6-Trichlorophenol	8.98	196	54083	8.038 ng		100
44) 2,4,5-Trichlorophenol	9.03	196	58115	7.804 ng		99
46) 1,1'-Biphenyl	9.16	154	259578	9.655 ng		98
47) 2-Chloronaphthalene	9.18	162	189325	9.146 ng		99
48) 2-Nitroaniline	9.28	65	55056	8.476 ng		98
49) Acenaphthylene	9.59	152	324487	9.695 ng		98
50) Dimethylphthalate	9.46	163	217227	9.106 ng		99
51) 2,6-Dinitrotoluene	9.52	165	47490	8.825 ng		98
52) Acenaphthene	9.76	154	179981	9.549 ng		99
53) 3-Nitroaniline	9.69	138	52856	8.709 ng		93
54) 2,4-Dinitrophenol	9.81	184	14335	5.356 ng		90
55) Dibenzofuran	9.94	168	280891	9.913 ng		98
56) 4-Nitrophenol	9.87	139	28023	6.477 ng		92
57) 2,4-Dinitrotoluene	9.93	165	62158	9.083 ng		91
58) Fluorene	10.28	166	219826	9.987 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	46231	7.342 ng		94
60) Diethylphthalate	10.15	149	214666	9.173 ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	106856	9.960 ng		92
62) 4-Nitroaniline	10.29	138	54707	8.755 ng		95
63) Azobenzene	10.43	77	206918	9.393 ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	23551	6.562 ng		97
66) n-Nitrosodiphenylamine	10.39	169	188904	9.383 ng		96
67) 4-Bromophenyl-phenylether	10.76	248	66000	9.230 ng		93
68) Hexachlorobenzene	10.83	284	77574	9.346 ng		98
69) Atrazine	10.92	200	57036	8.976 ng		98
70) Pentachlorophenol	11.03	266	27877	6.446 ng		95
71) Phenanthrene	11.23	178	317693	9.751 ng		99
72) Anthracene	11.29	178	329883	9.968 ng		98
73) Carbazole	11.44	167	304726	9.650 ng		98
74) Di-n-butylphthalate	11.77	149	350668	9.576 ng		99
75) Fluoranthene	12.42	202	359463	9.759 ng		99
77) Benzidine	12.54	184	183581	8.163 ng	#	93
78) Pyrene	12.64	202	368370	9.052 ng		98
80) Butylbenzylphthalate	13.26	149	145918	8.136 ng		97
81) Benzo(a)anthracene	13.83	228	313383	9.322 ng		98
82) 3,3'-Dichlorobenzidine	13.79	252	118848	8.813 ng		100
83) Chrysene	13.86	228	325009	9.518 ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	193969	8.822 ng	#	99
85) Di-n-octyl phthalate	14.43	149	342432	9.175 ng		99
86) Indeno(1,2,3-cd)pyrene	16.59	276	286559	9.779 ng		98
88) Benzo(b)fluoranthene	14.84	252	314463	9.079 ng		98
89) Benzo(k)fluoranthene	14.87	252	277958	9.138 ng		98
90) Benzo(a)pyrene	15.18	252	274972	8.955 ng		99
91) Dibenzo(a,h)anthracene	16.60	278	238627	8.988 ng		98
92) Benzo(g,h,i)perylene	16.99	276	227664	8.504 ng		99

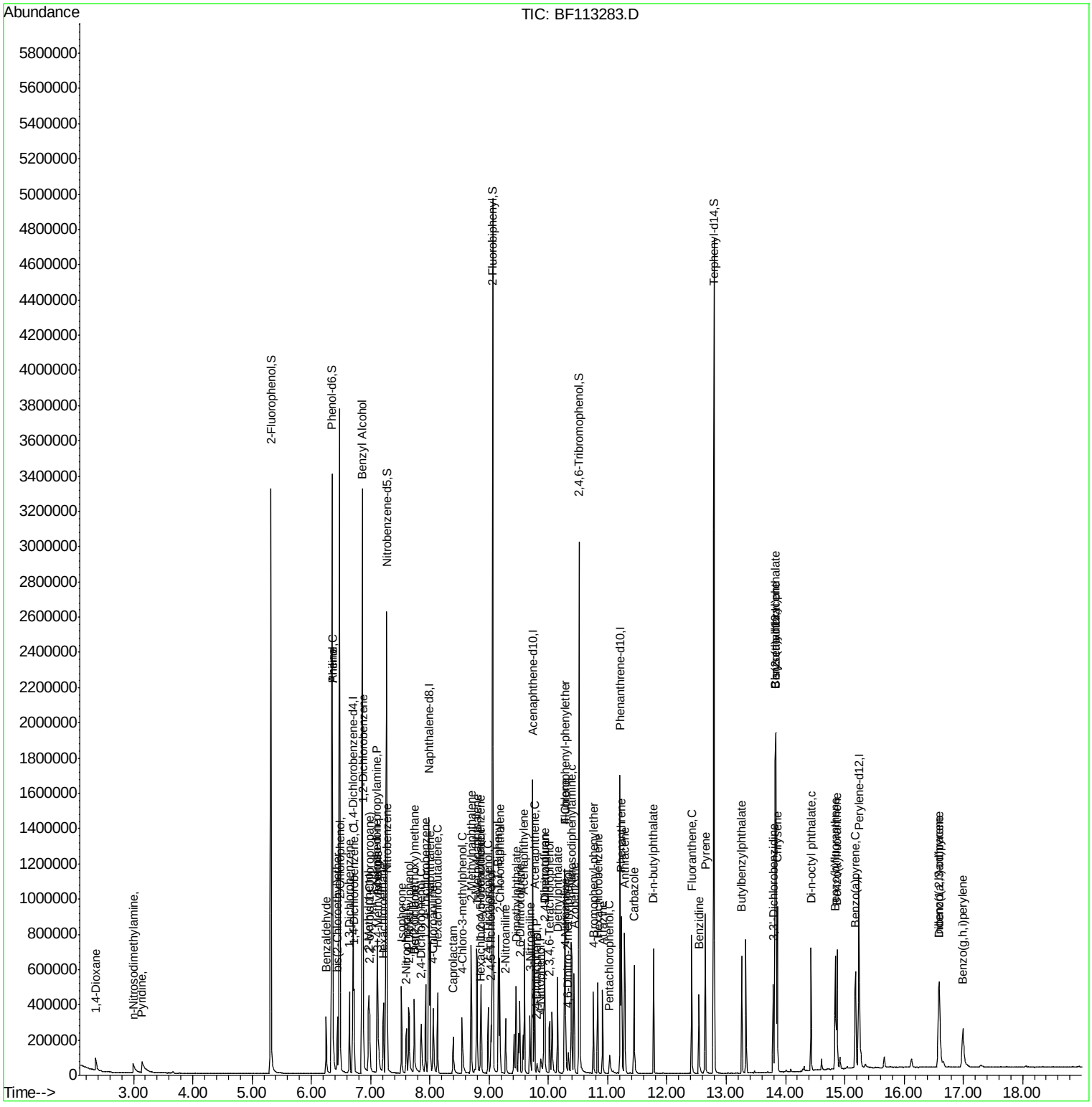
(#) = qualifier out of range (m) = manual integration (+) = signals summed

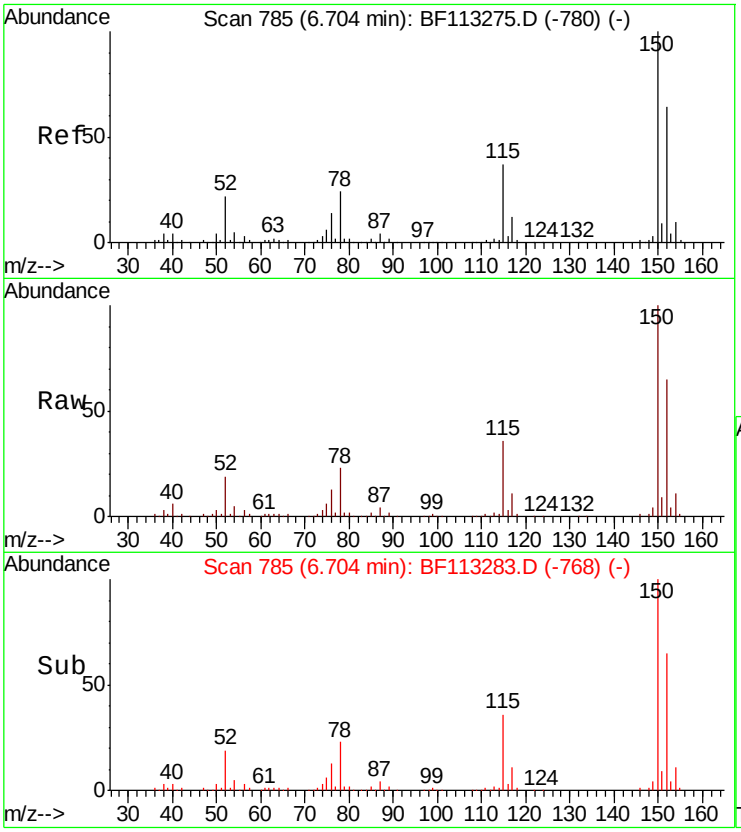
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032519\
Data File : BF113283.D
Acq On : 25 Mar 2019 17:04
Operator : JU/SJ
Sample : K1560-07
Misc : LOQ 8 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Quant Time: Mar 26 03:59:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration



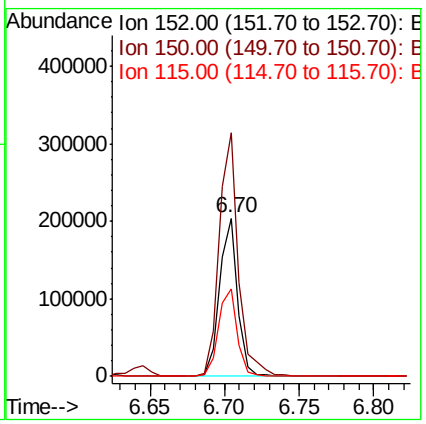


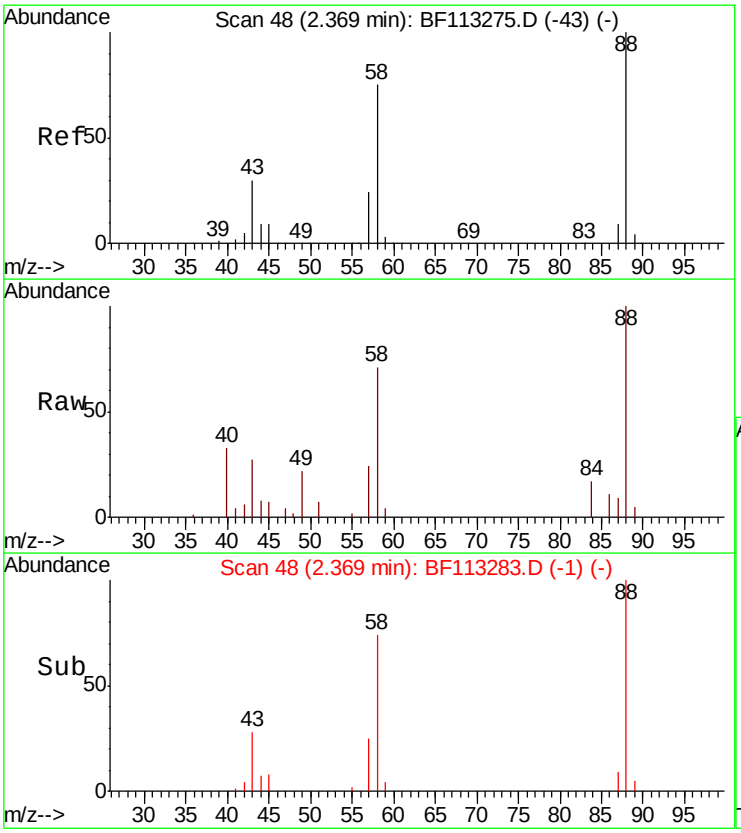
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:152 Resp: 175284

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.7	187.1
115	55.1	46.0	69.0

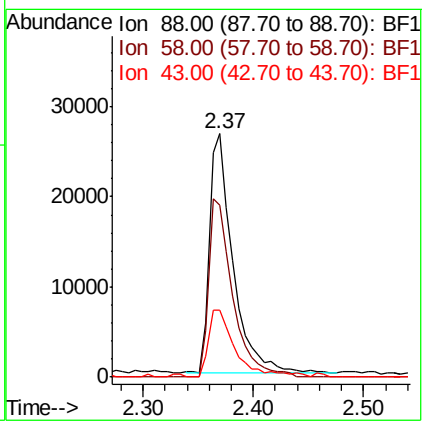


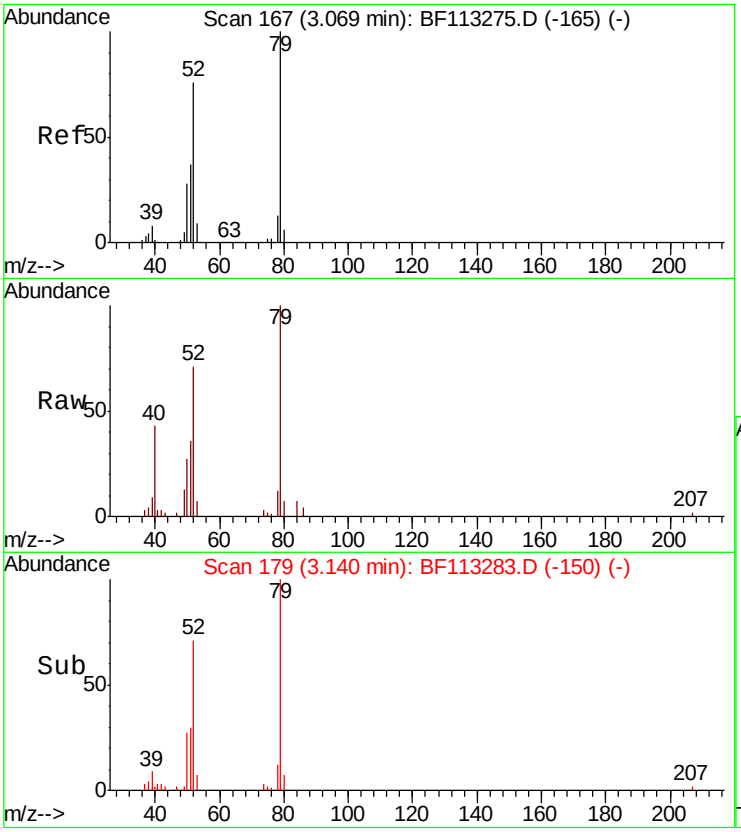


#2
1,4-Dioxane
Concen: 6.954 ng
RT: 2.37 min Scan# 48
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion: 88 Resp: 37821

Ion	Ratio	Lower	Upper
88	100		
58	77.3	61.9	92.9
43	32.6	24.2	36.4



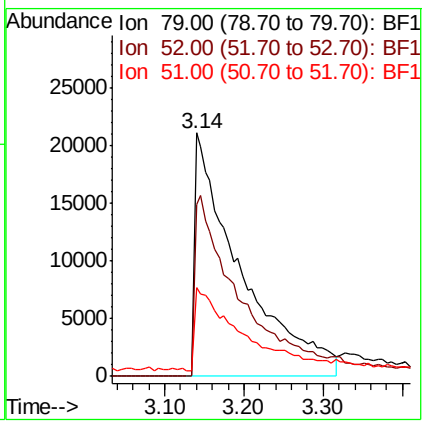


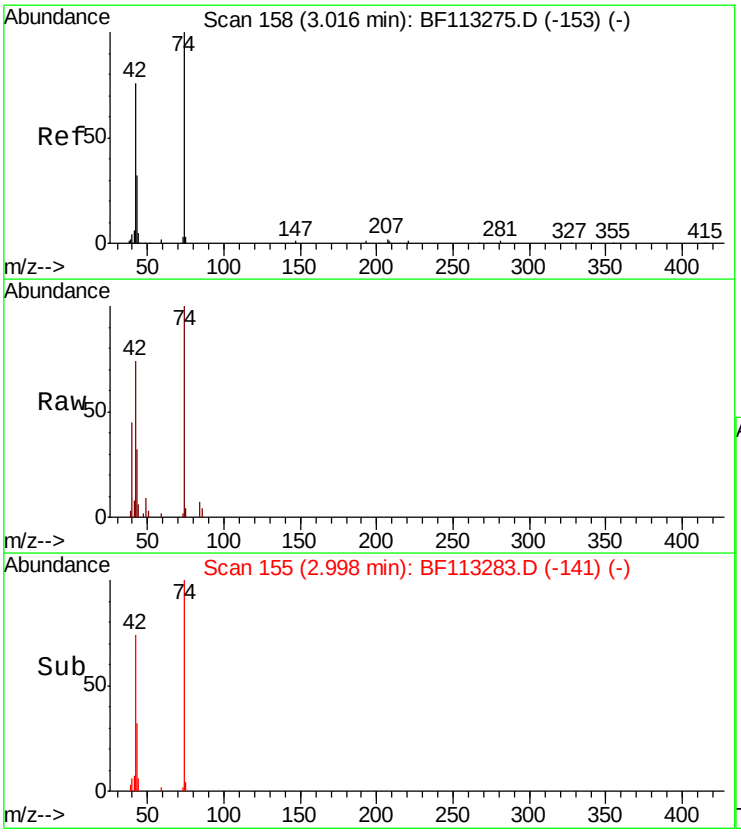
#3
Pyridine
Concen: 6.297 ng
RT: 3.14 min Scan# 179
Delta R.T. 0.07 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 79 Resp: 84432

Ion	Ratio	Lower	Upper
79	100		
52	70.7	61.0	91.4
51	36.3	30.6	45.8

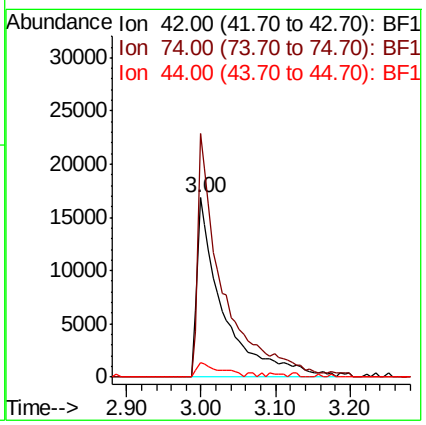


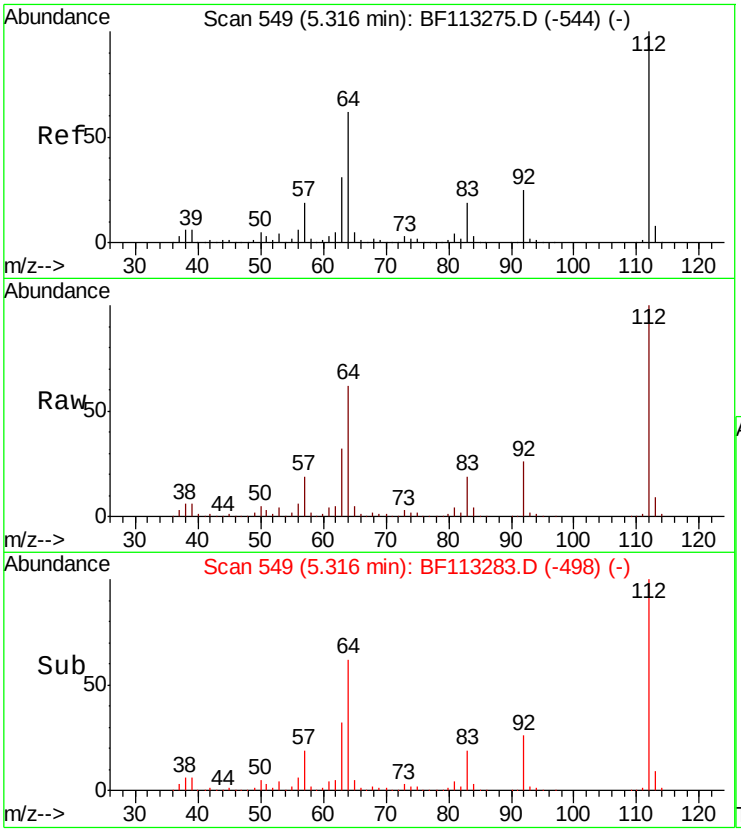


#4
n-Nitrosodimethylamine
Concen: 6.896 ng
RT: 3.00 min Scan# 155
Delta R.T. -0.02 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion: 42 Resp: 41106

Ion	Ratio	Lower	Upper
42	100		
74	135.6	102.4	153.6
44	8.3	5.5	8.3#



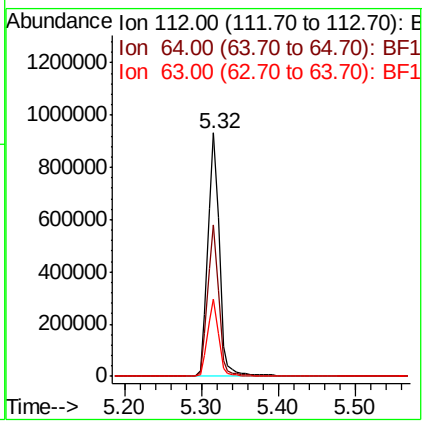


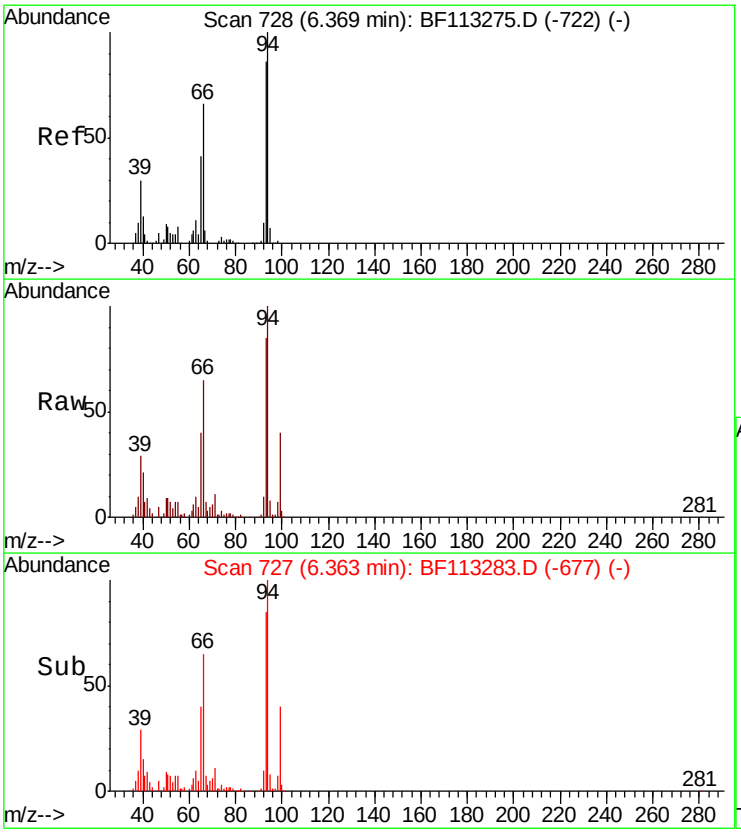
#5
2-Fluorophenol
Concen: 89.644 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:112 Resp: 960976

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.2	73.8
63	32.0	24.9	37.3

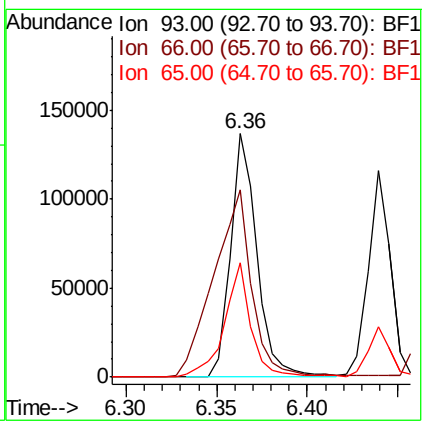


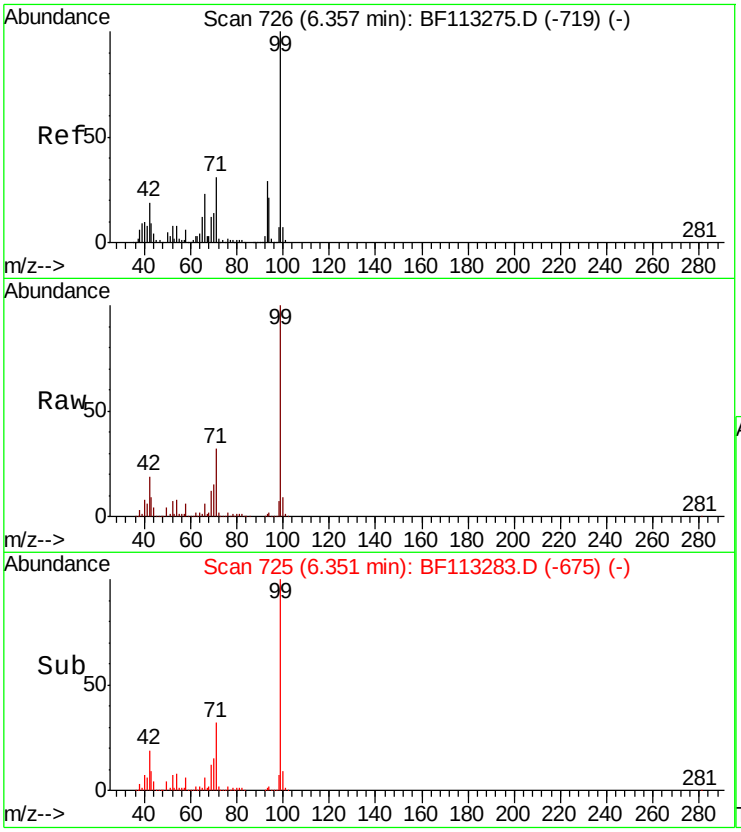


#6
Aniline
Concen: 8.384 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion: 93 Resp: 138452

Ion	Ratio	Lower	Upper
93	100		
66	76.9	62.1	93.1
65	47.0	38.7	58.1



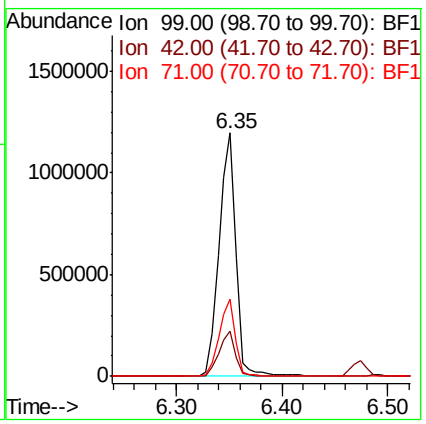


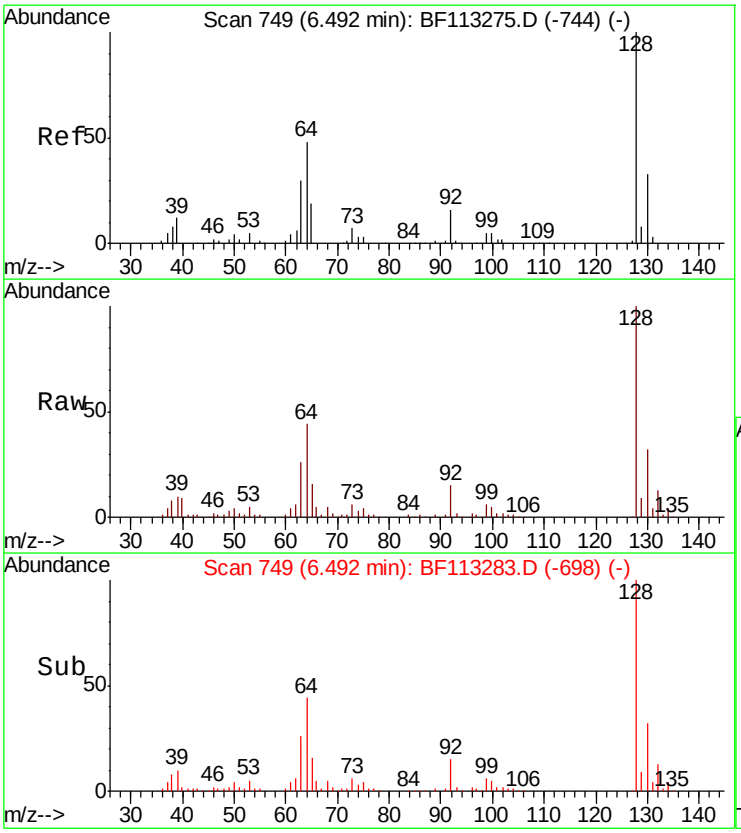
#7
Phenol-d6
Concen: 98.820 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 99 Resp: 1340134

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	31.7	24.9	37.3

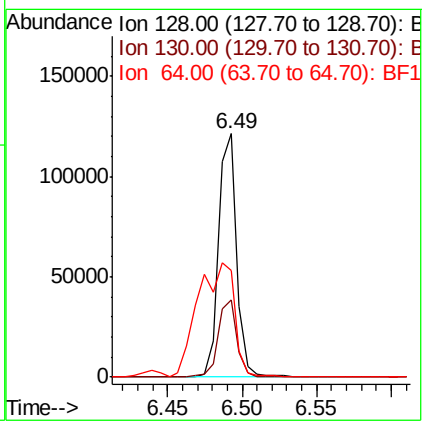


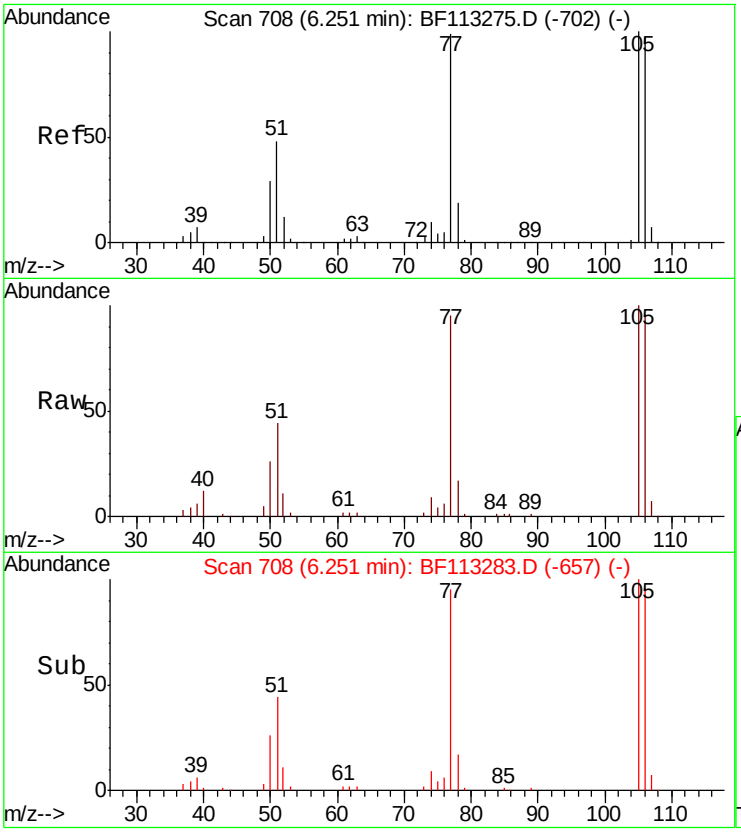


#8
2-Chlorophenol
Concen: 8.326 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:128 Resp: 103652

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.6	52.6
64	43.7	29.4	69.4



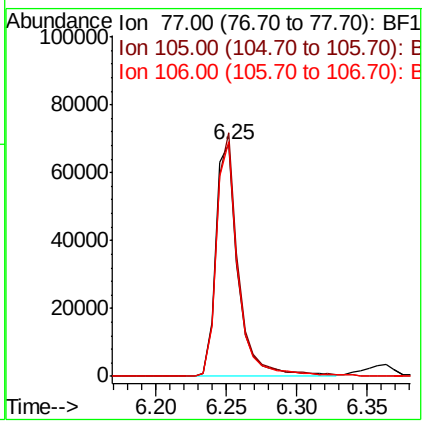


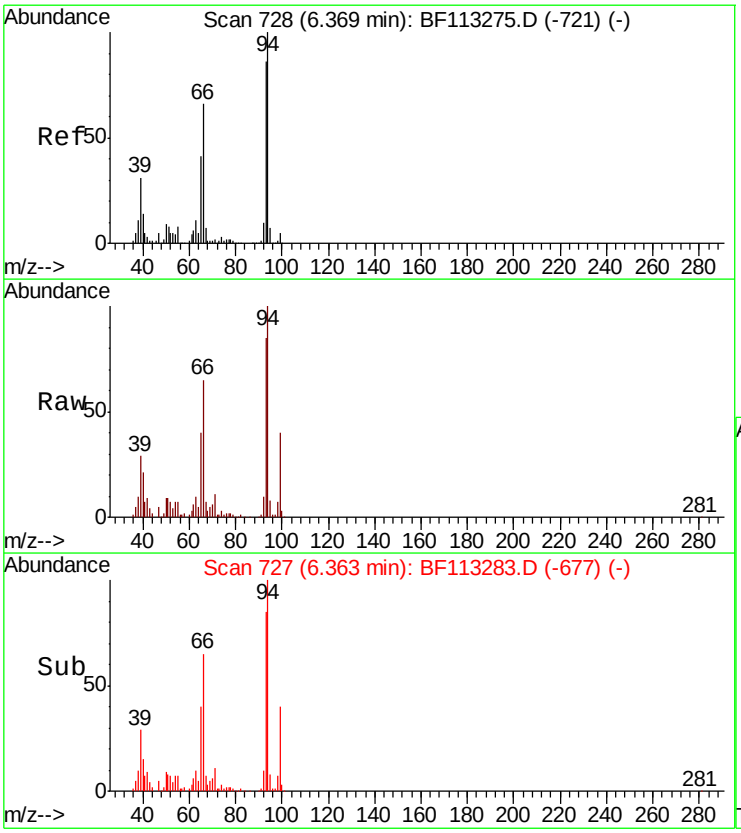
#9
Benzaldehyde
Concen: 8.285 ng
RT: 6.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 77 Resp: 75391

Ion	Ratio	Lower	Upper
77	100		
105	105.1	80.9	120.9
106	101.0	77.8	117.8

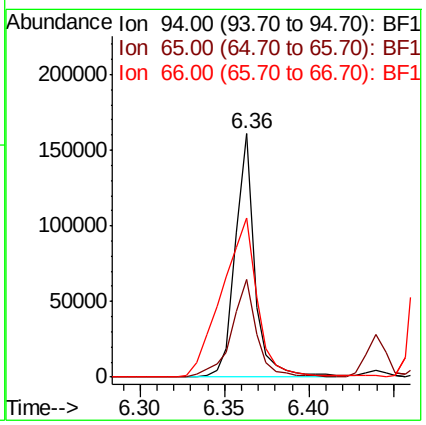


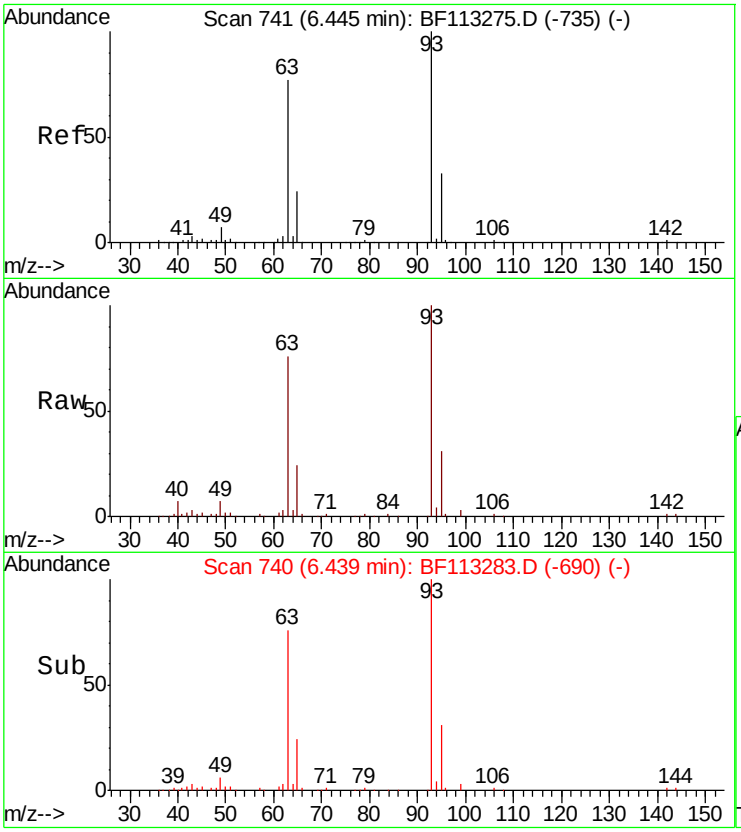


#10
Phenol
Concen: 8.283 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion: 94 Resp: 128244

Ion	Ratio	Lower	Upper
94	100		
65	40.0	21.4	61.4
66	65.4	46.4	86.4



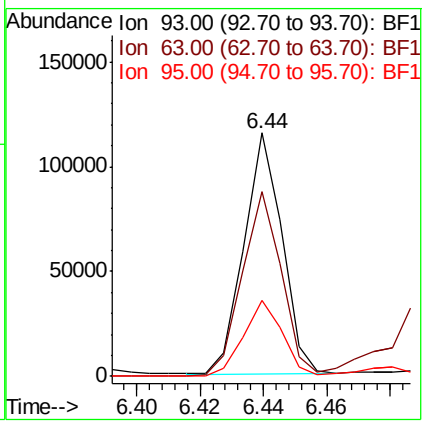


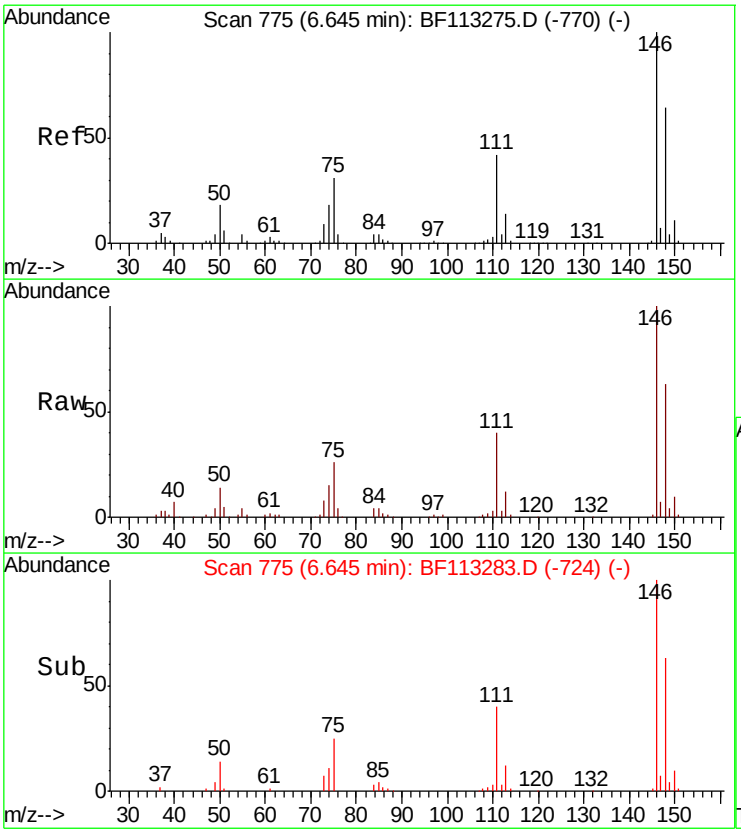
#11
bis(2-Chloroethyl)ether
Concen: 8.095 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 93 Resp: 96068

Ion	Ratio	Lower	Upper
93	100		
63	75.9	56.1	96.1
95	31.2	12.8	52.8

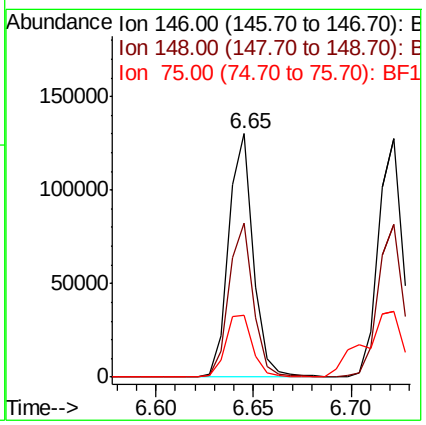


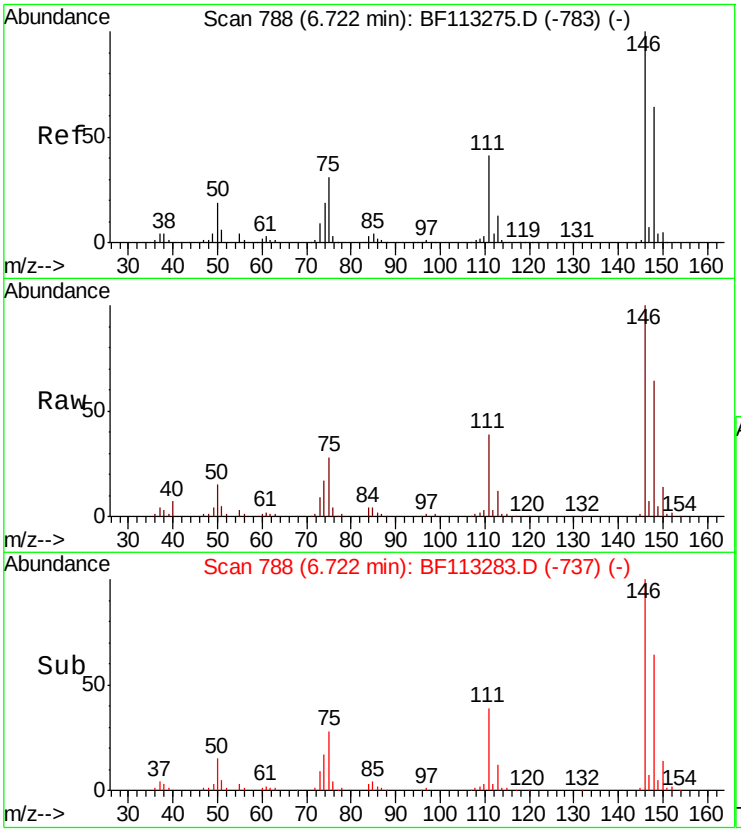


#12
1,3-Dichlorobenzene
Concen: 8.465 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:146 Resp: 113583

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
75	25.6	24.8	37.2



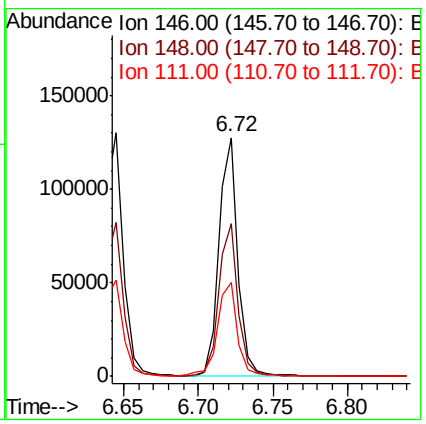


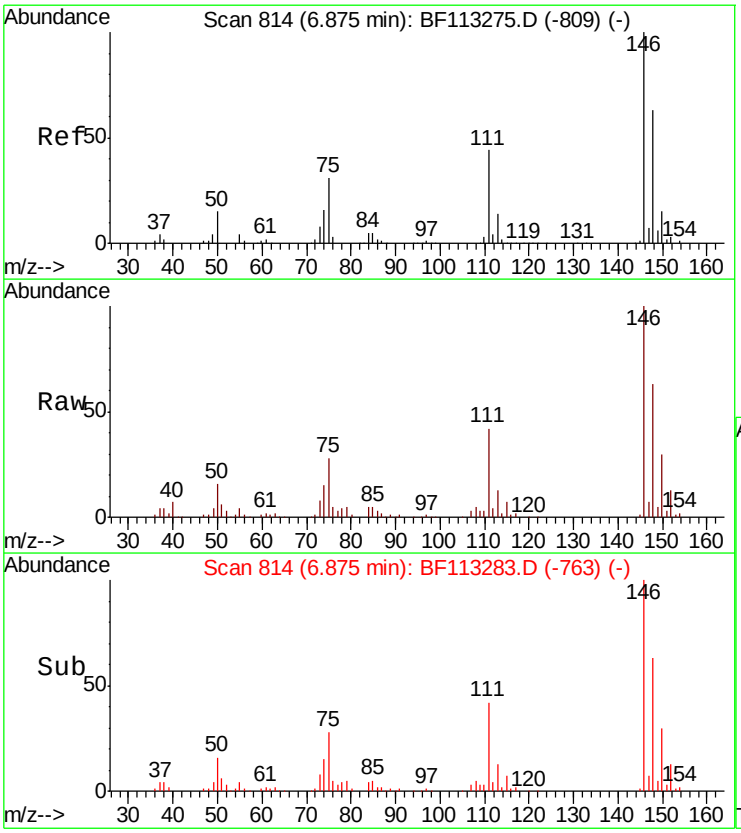
#13
1,4-Dichlorobenzene
Concen: 8.827 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:146 Resp: 114368

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.1	32.8	49.2

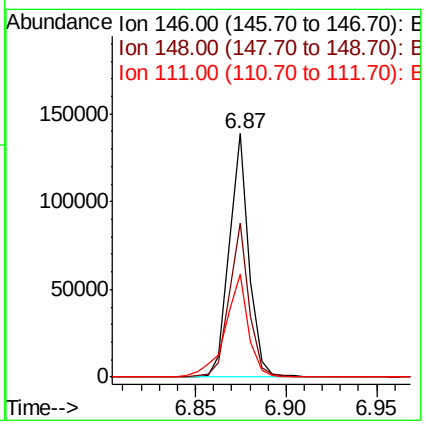


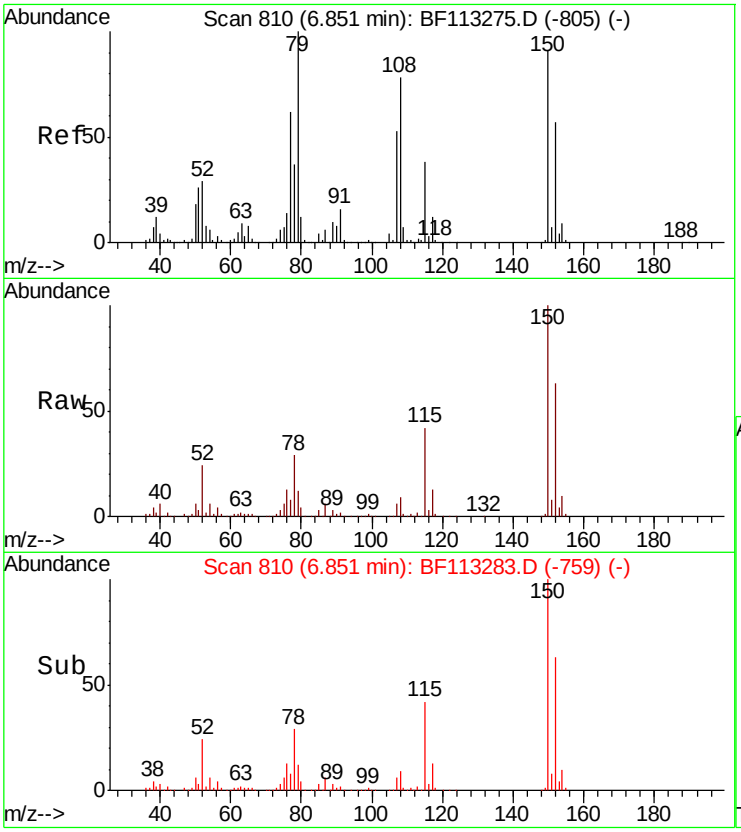


#14
1,2-Dichlorobenzene
Concen: 8.291 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:146 Resp: 105674

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.2	75.4
111	42.2	35.4	53.2



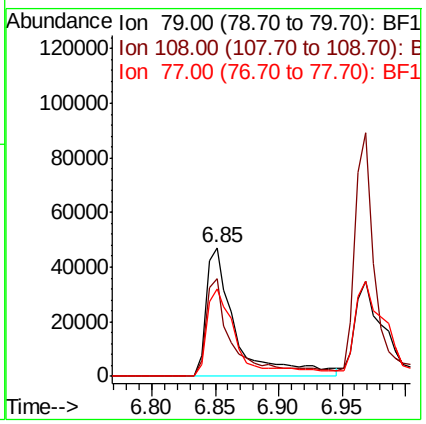


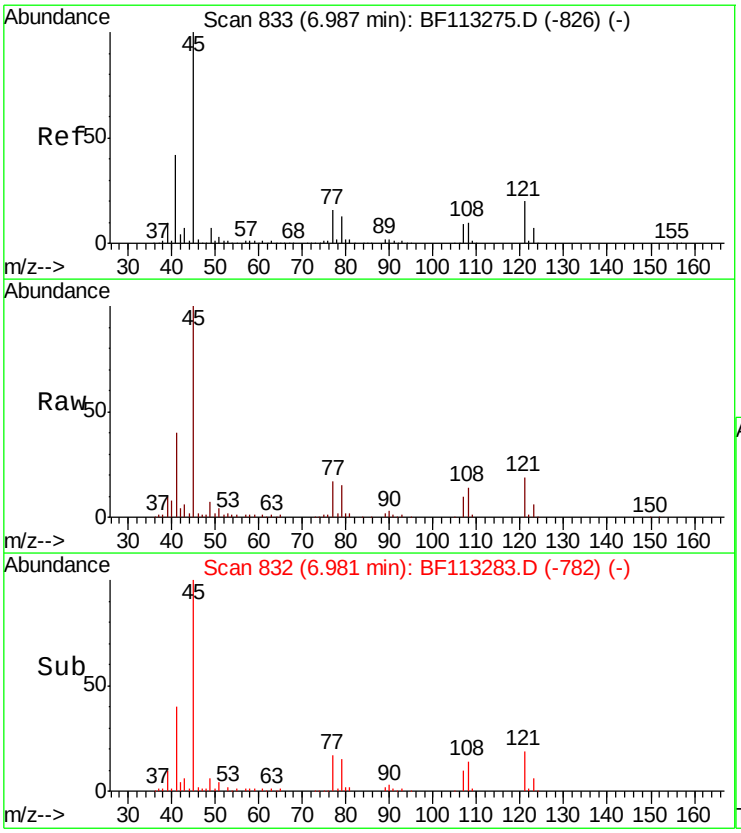
#15
Benzyl Alcohol
Concen: 8.614 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 79 Resp: 77068

Ion	Ratio	Lower	Upper
79	100		
108	75.8	62.0	93.0
77	68.0	49.9	74.9

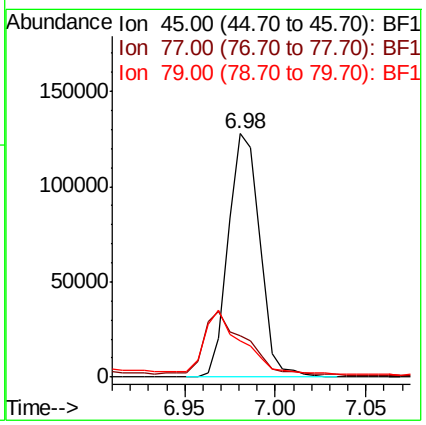


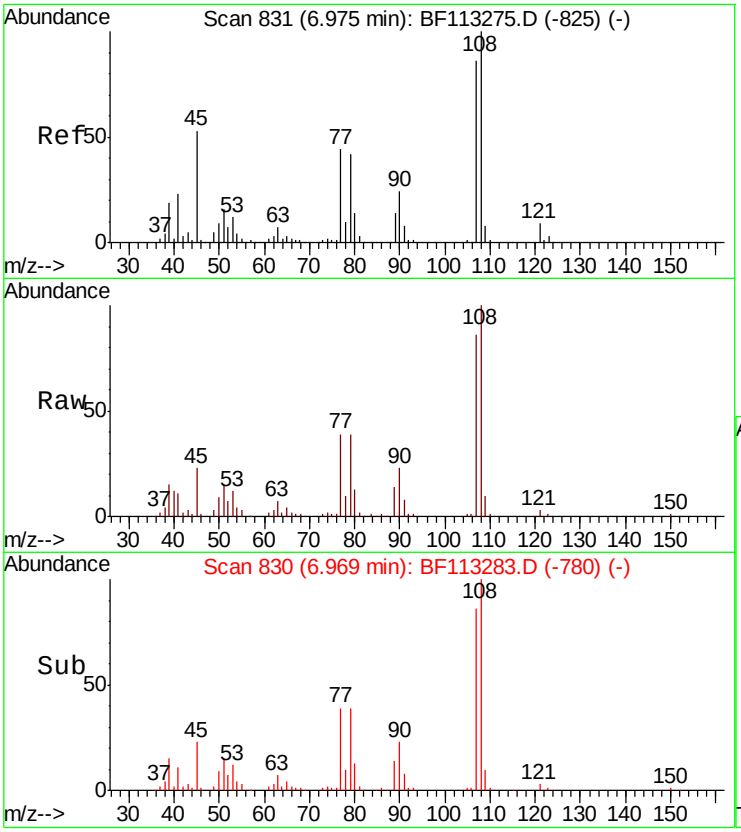


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.687 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion: 45 Resp: 154870

Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	36.6
79	14.7	0.0	34.0



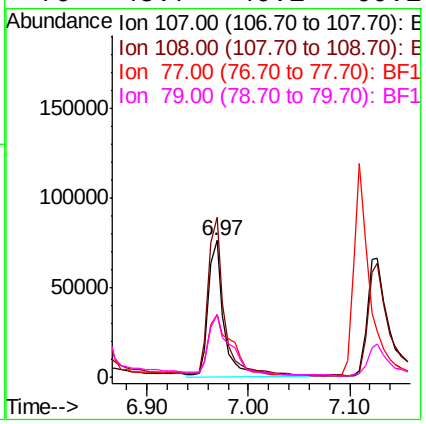


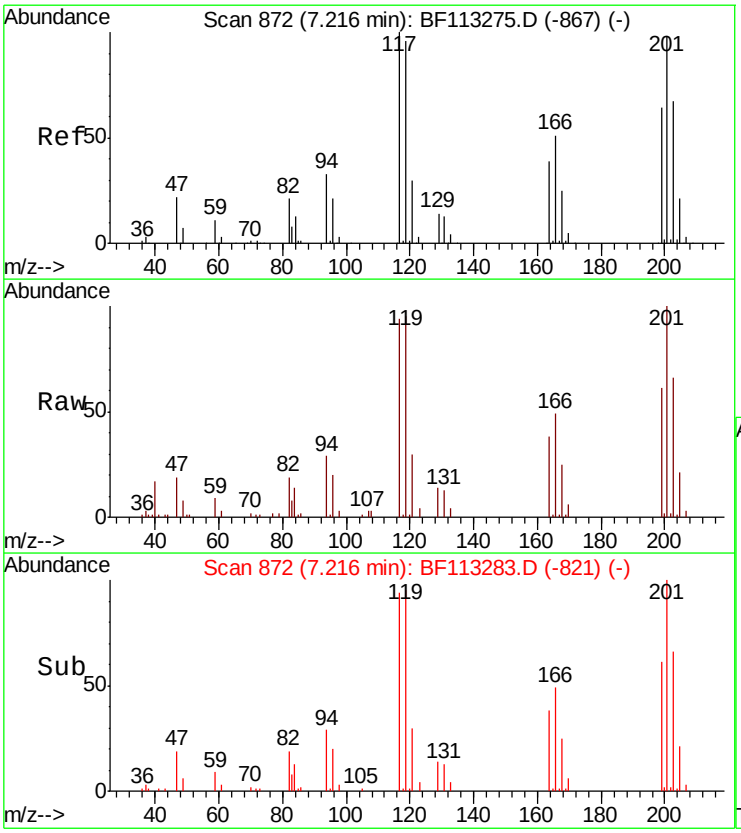
#17
2-Methylphenol
Concen: 8.626 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:107 Resp: 84156

Ion	Ratio	Lower	Upper
107	100		
108	116.8	93.4	140.0
77	45.6	41.2	61.8
79	45.7	40.1	60.1

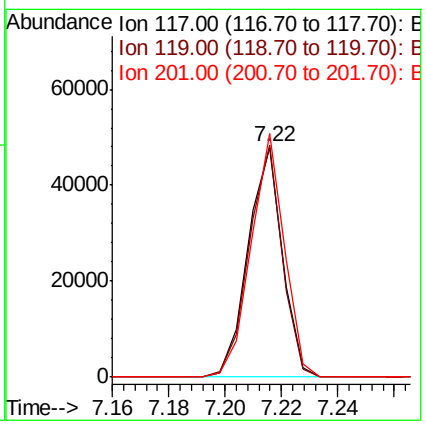


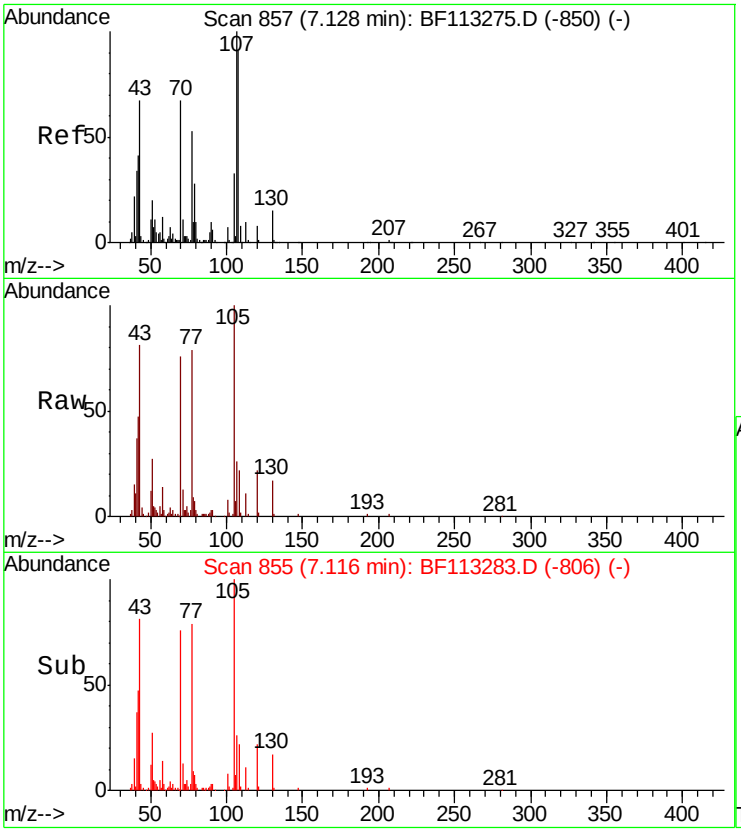


#18
Hexachloroethane
Concen: 8.674 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:117 Resp: 40364

Ion	Ratio	Lower	Upper
117	100		
119	100.7	76.9	115.3
201	107.8	78.7	118.1



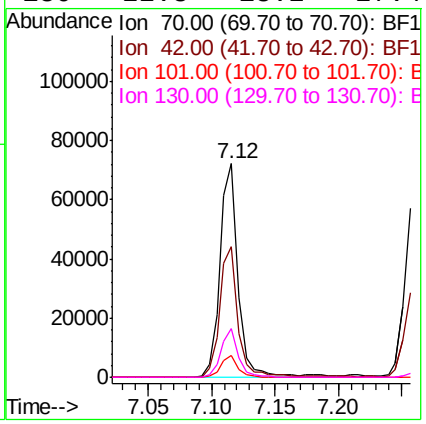


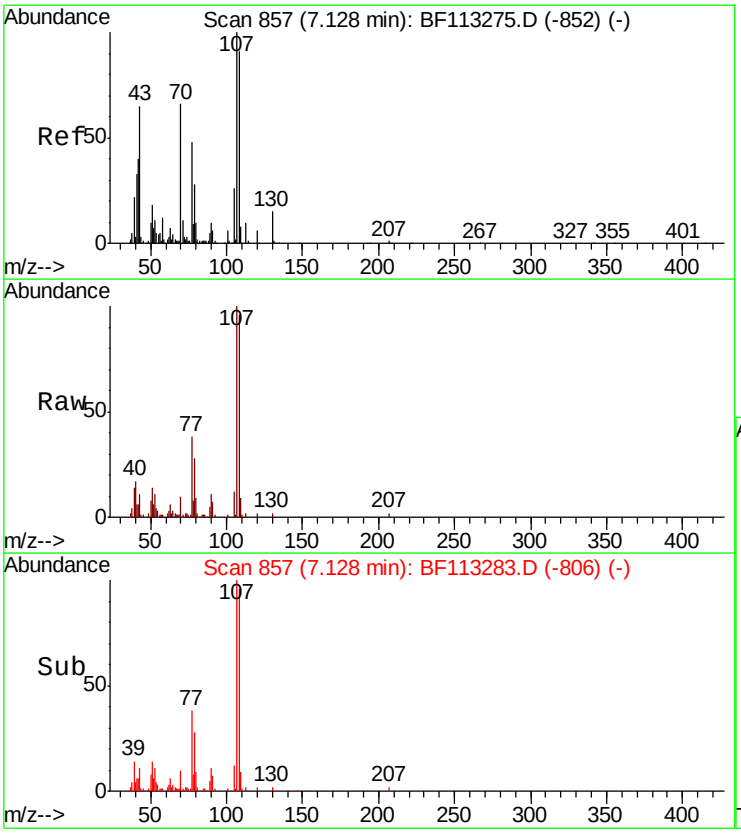
#19
n-Nitroso-di-n-propylamine
Concen: 8.535 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 70 Resp: 72705

Ion	Ratio	Lower	Upper
70	100		
42	61.2	48.4	72.6
101	10.1	7.8	11.8
130	22.8	18.2	27.4

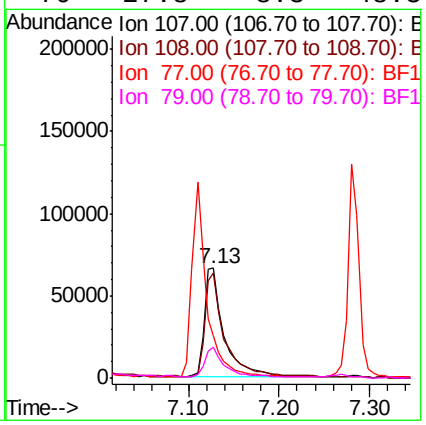


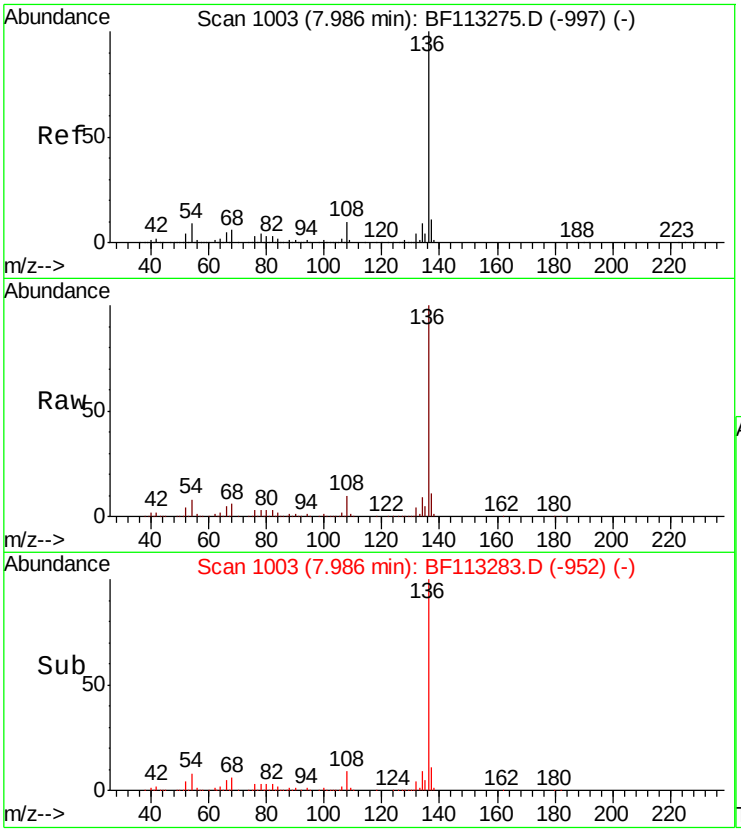


#20
3+4-Methylphenols
Concen: 1.915 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:107 Resp: 101785

Ion	Ratio	Lower	Upper
107	100		
108	95.7	71.4	111.4
77	38.5	33.5	73.5
79	27.8	8.3	48.3



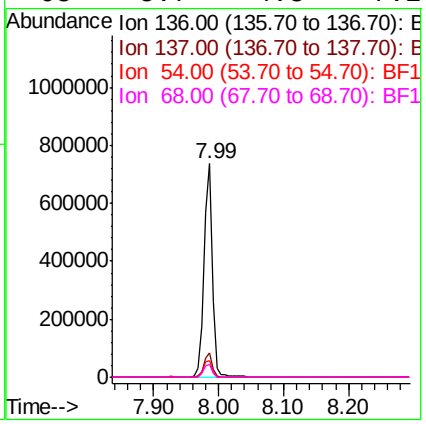


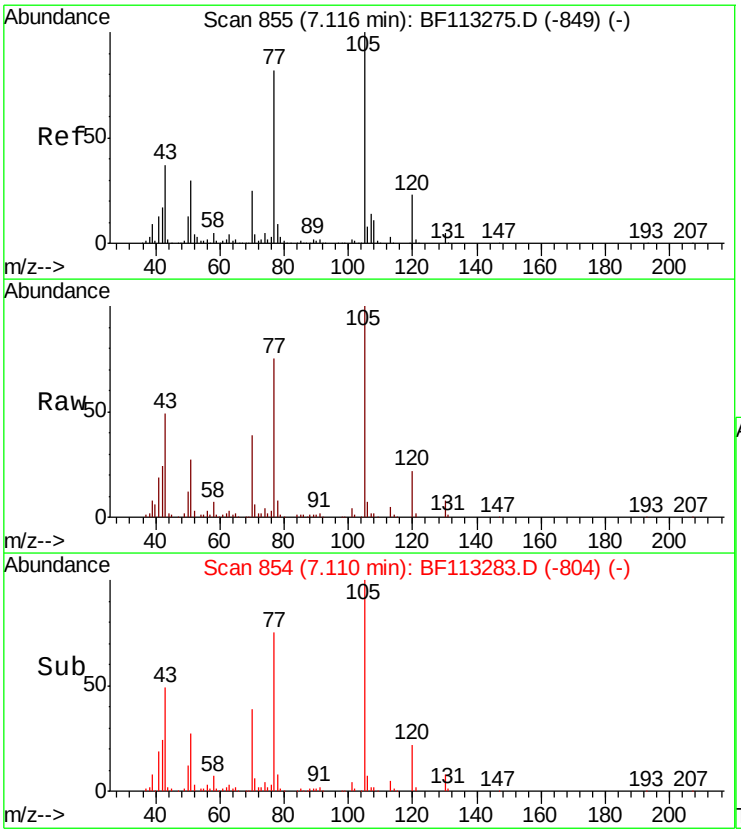
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:136 Resp: 658223

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	7.0	10.6
68	5.7	4.8	7.2

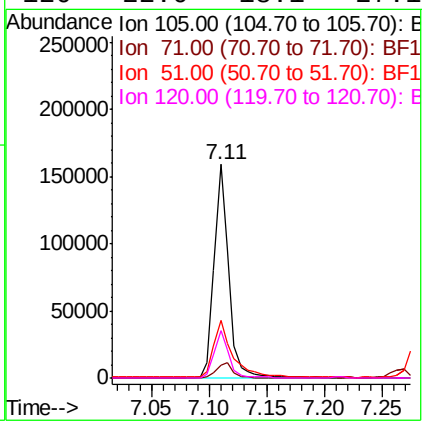


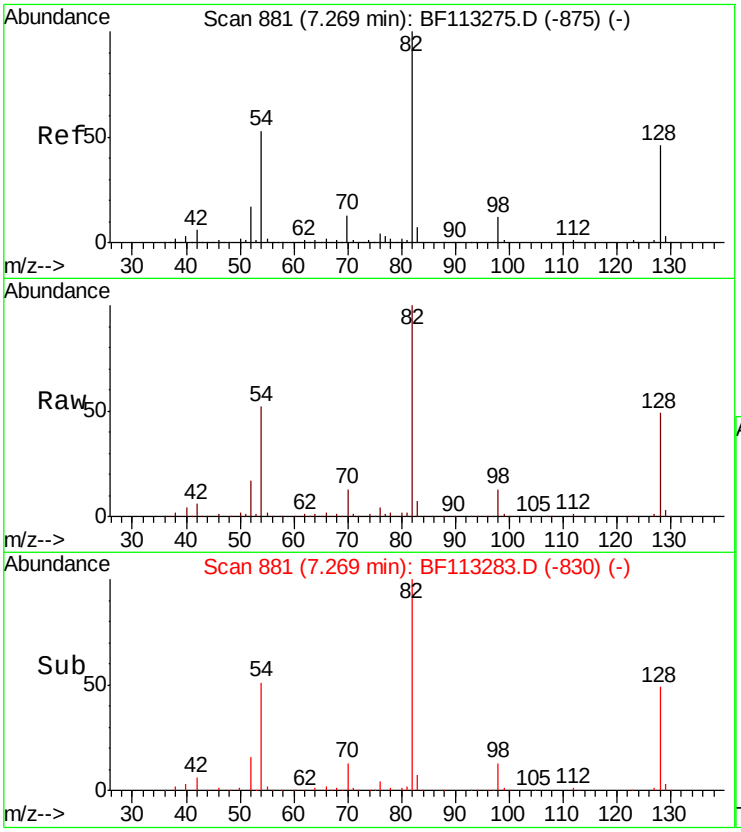


#22
Acetophenone
Concen: 9.296 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:105 Resp: 139539

Ion	Ratio	Lower	Upper
105	100		
71	5.9	3.3	4.9#
51	26.7	24.2	36.2
120	22.0	18.1	27.1



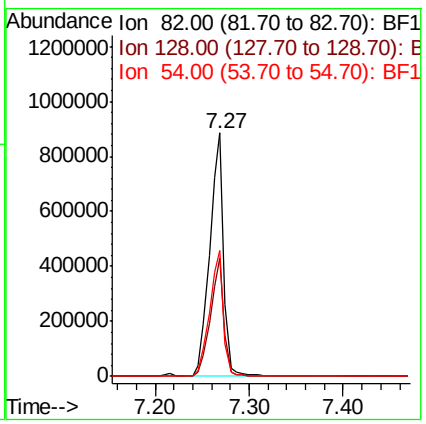


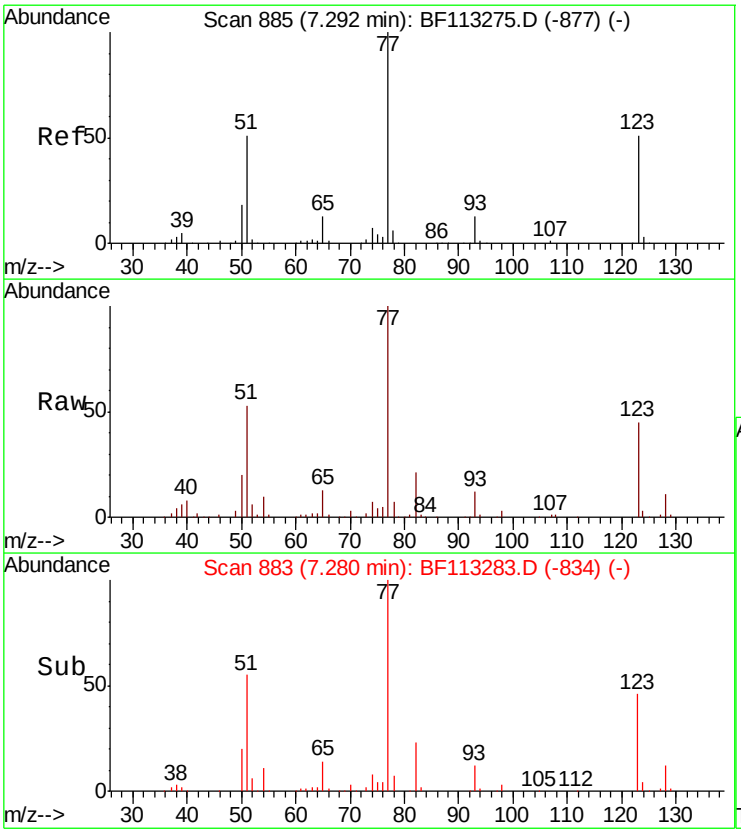
#23
Nitrobenzene-d5
Concen: 83.654 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 82 Resp: 927699

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.5	54.7
54	51.5	42.2	63.2

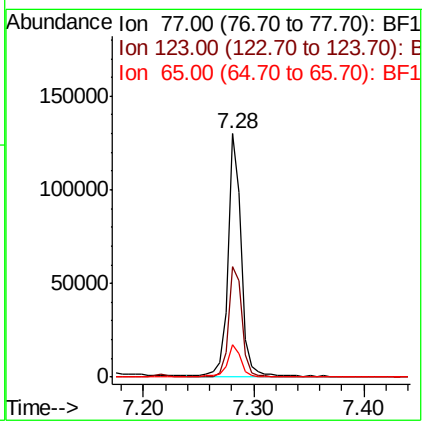


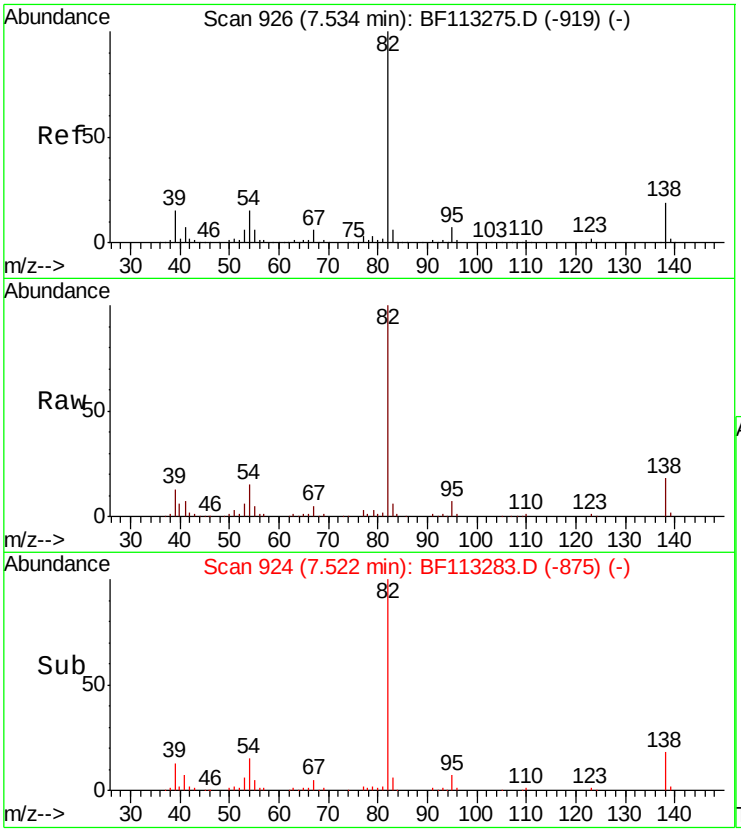


#24
Nitrobenzene
Concen: 9.400 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion: 77 Resp: 108784

Ion	Ratio	Lower	Upper
77	100		
123	45.3	40.8	61.2
65	13.4	10.6	16.0



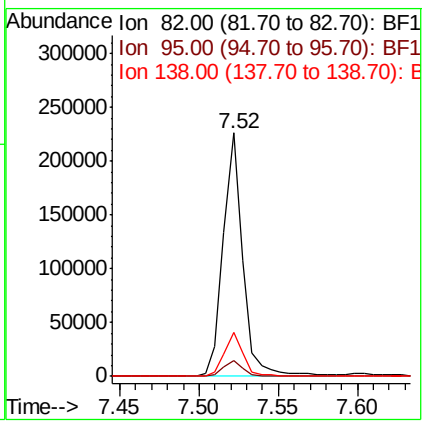


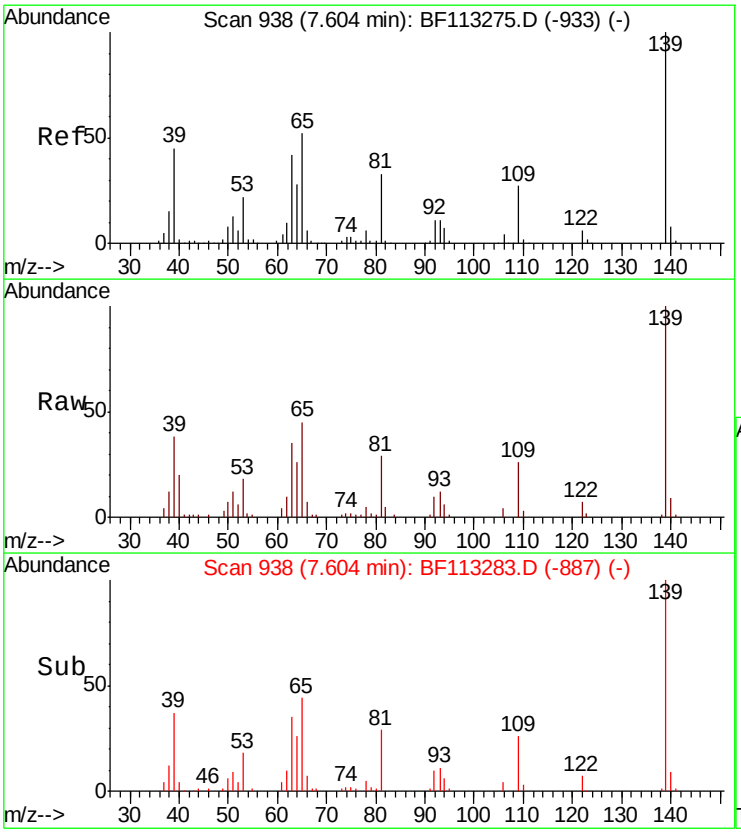
#25
Isophorone
Concen: 8.981 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 82 Resp: 193012

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.5	8.3
138	18.0	15.2	22.8

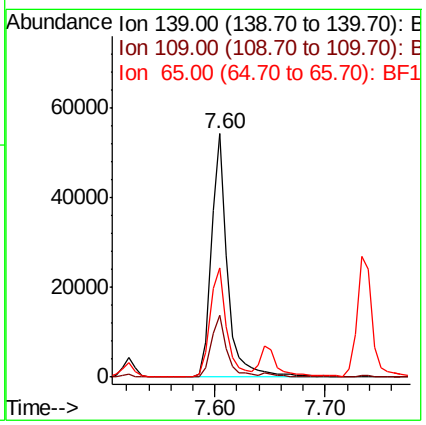


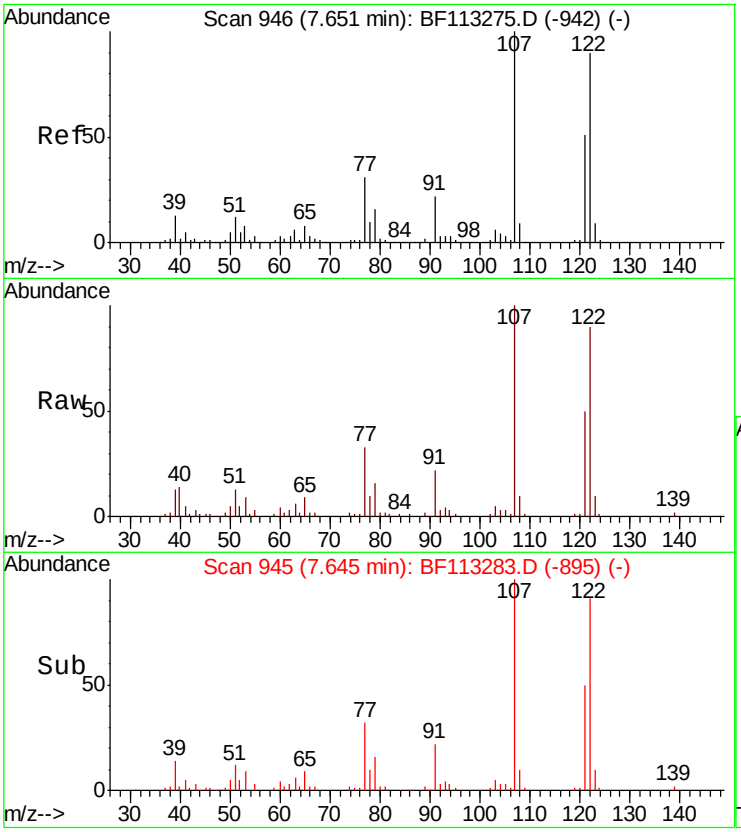


#26
2-Nitrophenol
Concen: 8.830 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:139 Resp: 54009

Ion	Ratio	Lower	Upper
139	100		
109	25.6	21.7	32.5
65	44.6	41.6	62.4



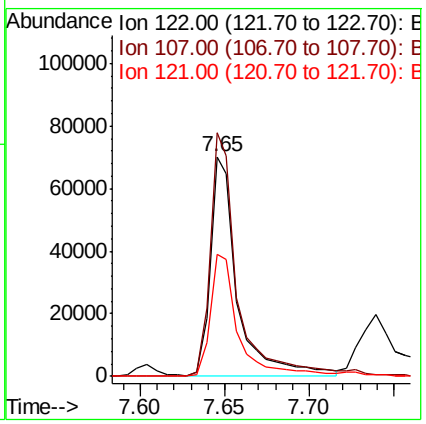


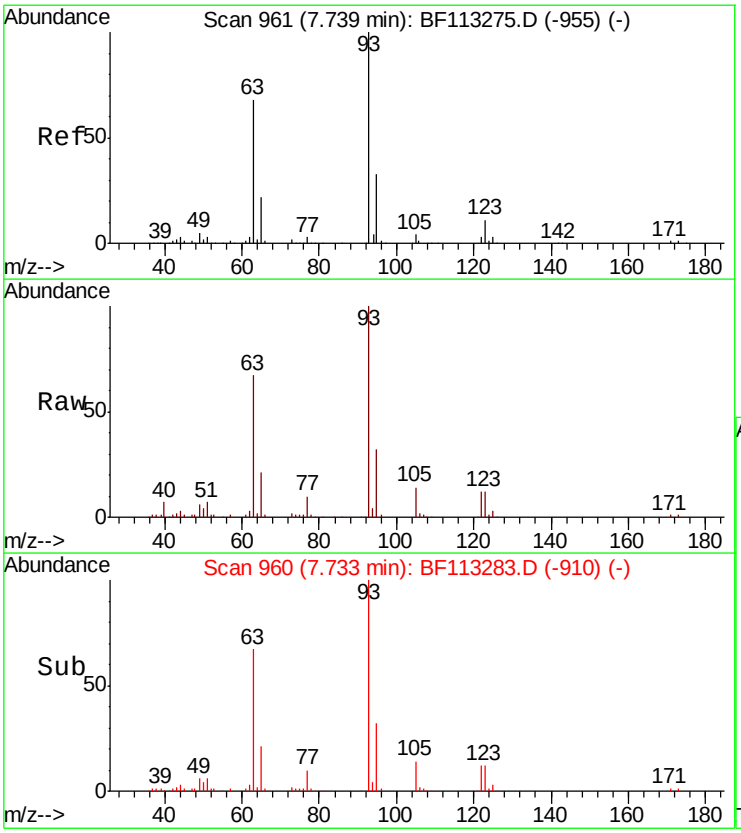
#27
2,4-Dimethylphenol
Concen: 8.980 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:122 Resp: 79015

Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.8	133.2
121	55.5	45.5	68.3

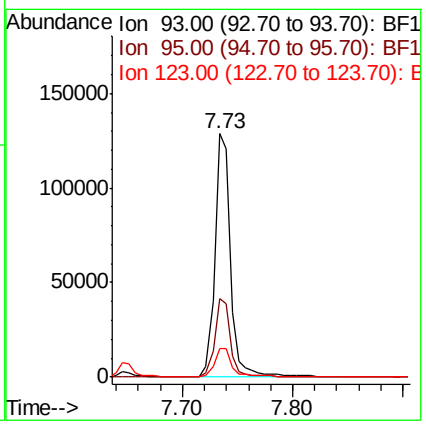


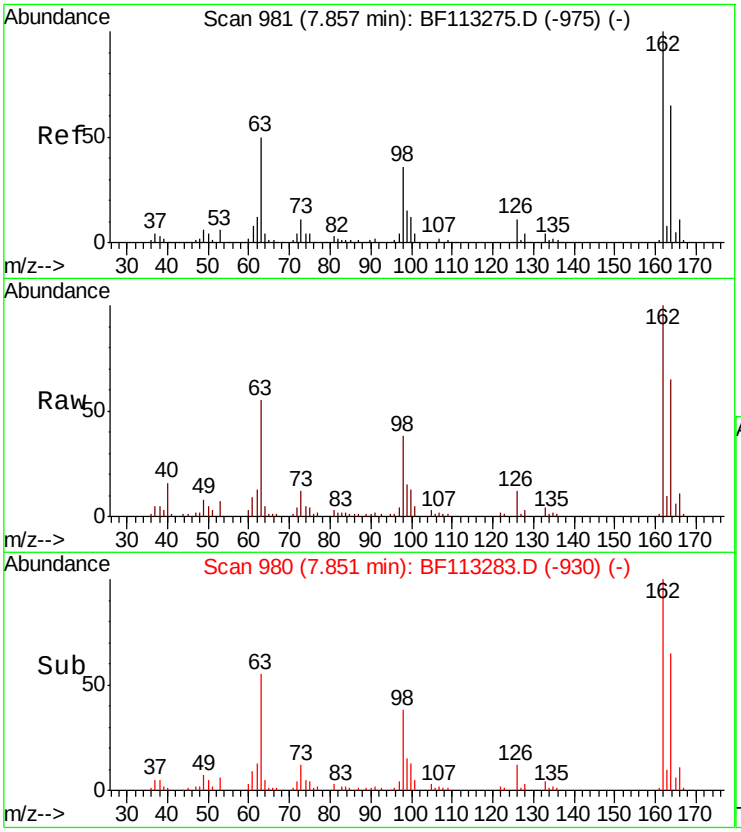


#28
bis(2-Chloroethoxy)methane
Concen: 9.378 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion: 93 Resp: 126925

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.0	39.0
123	12.0	9.1	13.7



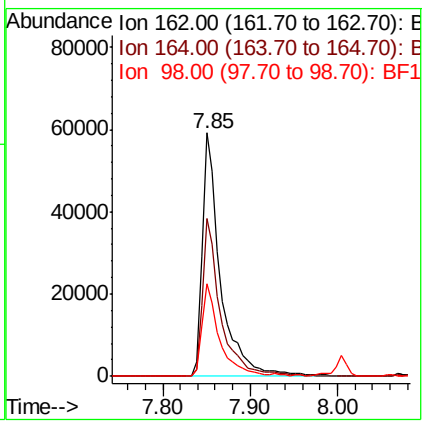


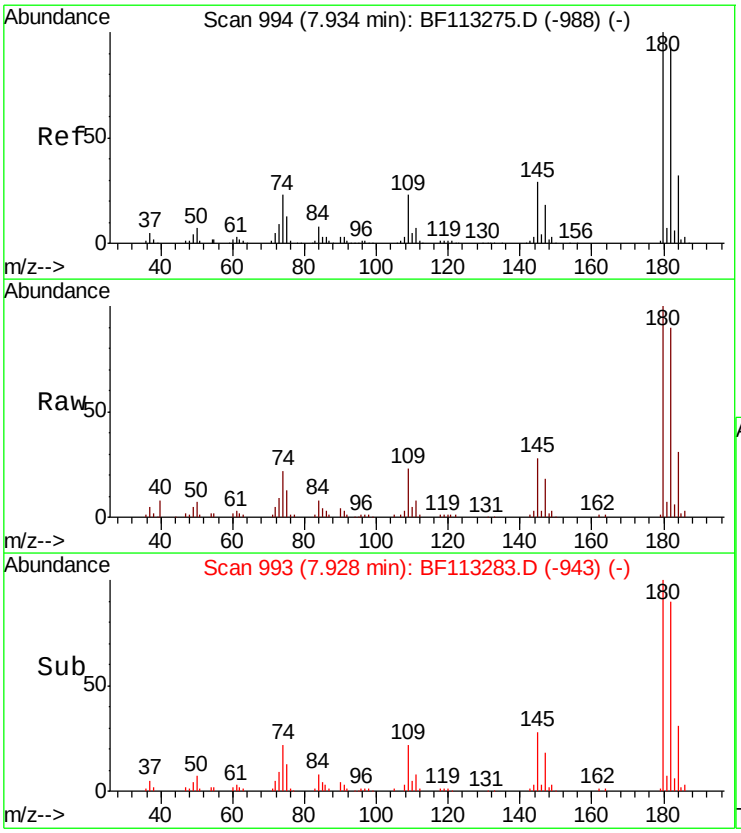
#29
2,4-Dichlorophenol
Concen: 8.992 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:162 Resp: 85740

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.6	84.6
98	38.1	15.6	55.6

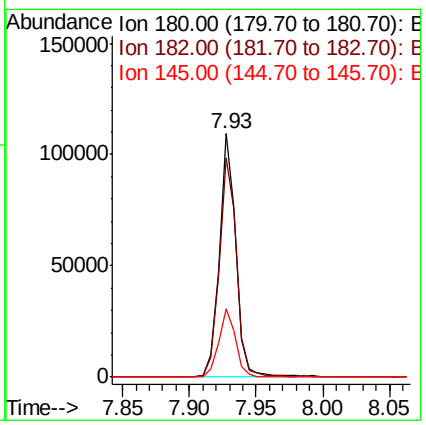


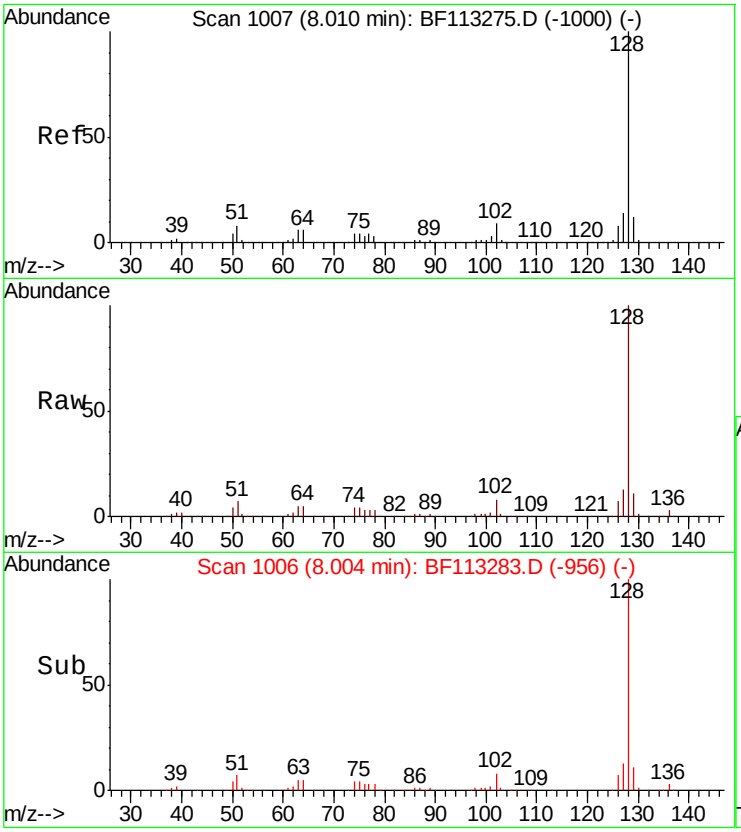


#30
1,2,4-Trichlorobenzene
Concen: 9.300 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:180 Resp: 95680

Ion	Ratio	Lower	Upper
180	100		
182	90.2	74.6	111.8
145	28.3	23.4	35.0



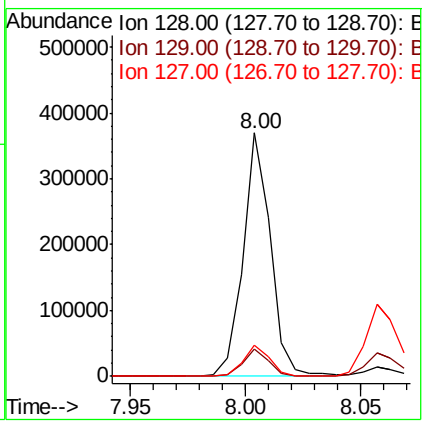


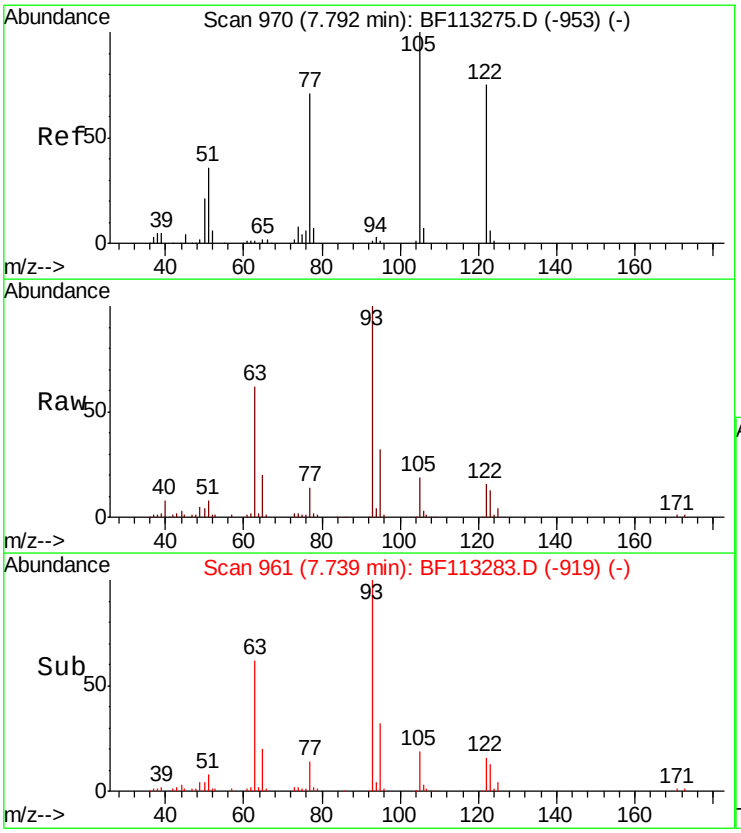
#31
Naphthalene
Concen: 9.546 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:128 Resp: 307070

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	12.6	10.9	16.3

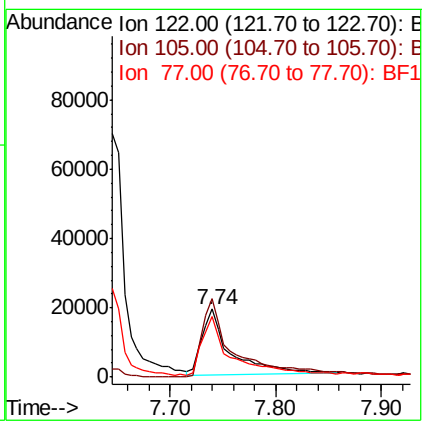


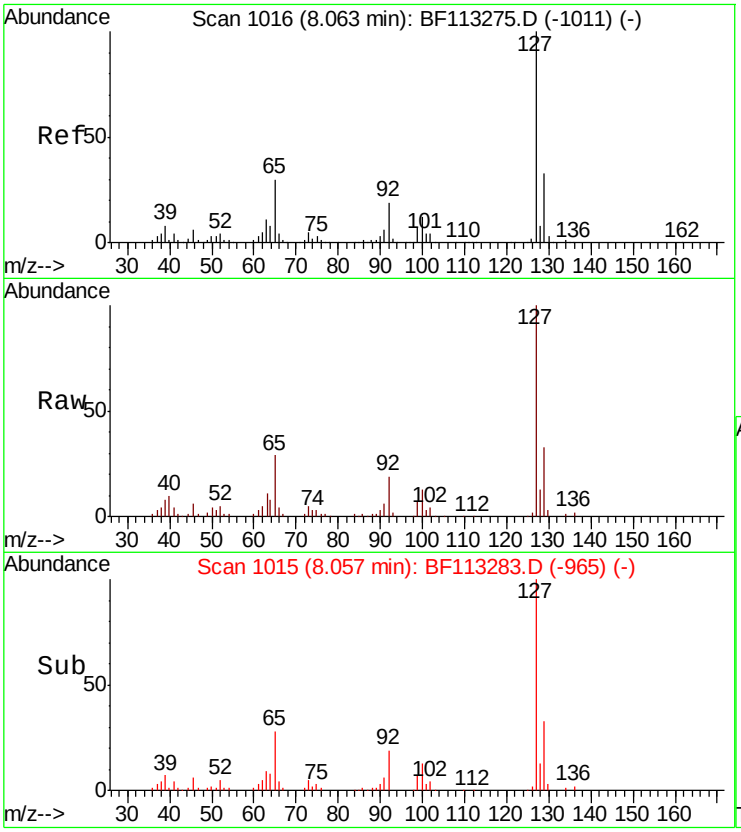


#32
Benzoic acid
Concen: 4.993 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:122 Resp: 35364

Ion	Ratio	Lower	Upper
122	100		
105	116.2	100.4	140.4
77	88.3	69.0	109.0



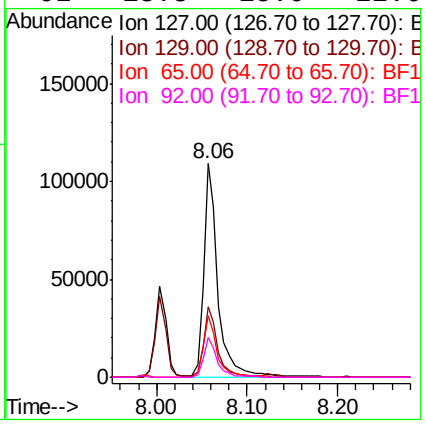


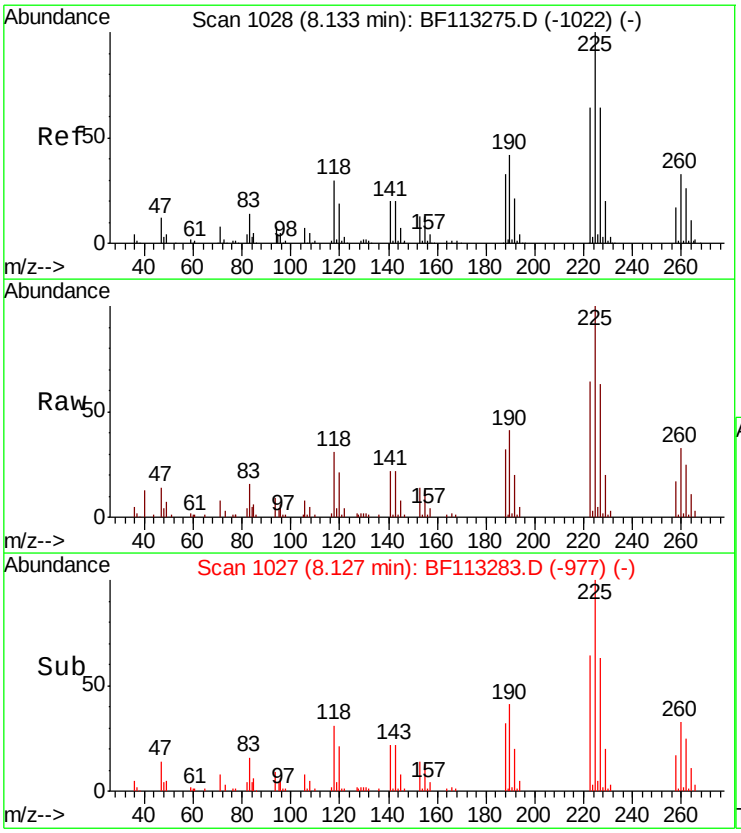
#33
4-Chloroaniline
Concen: 9.611 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:127 Resp: 120556

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	29.1	24.2	36.4
92	18.8	15.0	22.6

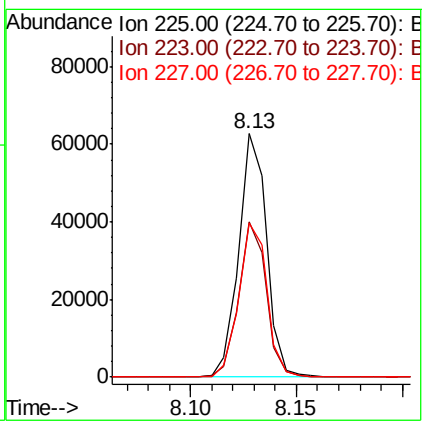


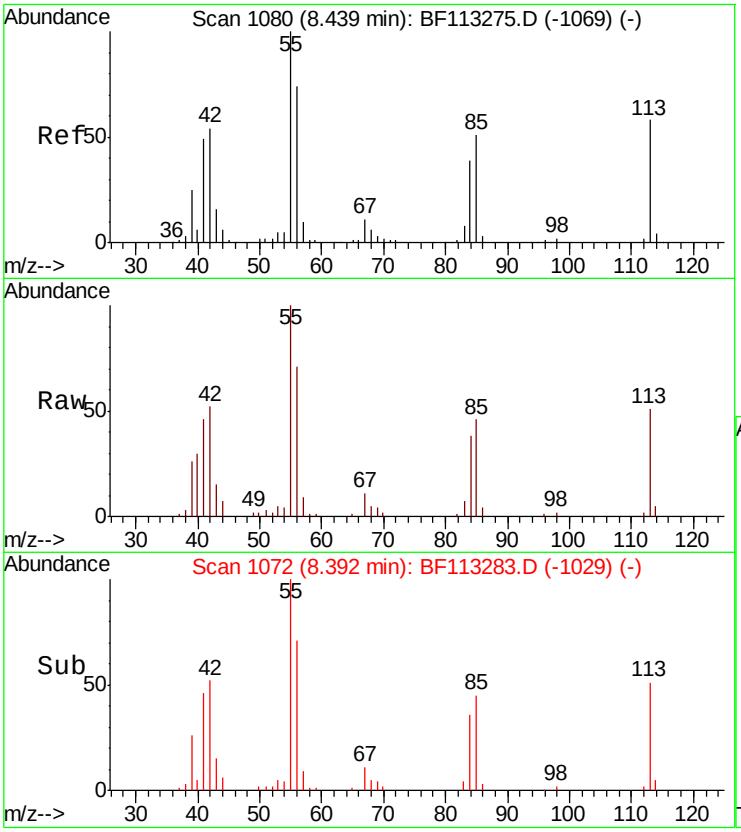


#34
Hexachlorobutadiene
Concen: 9.339 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:225 Resp: 57106

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	60.1	51.1	76.7



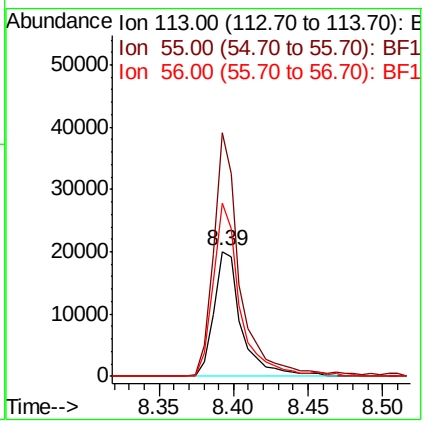


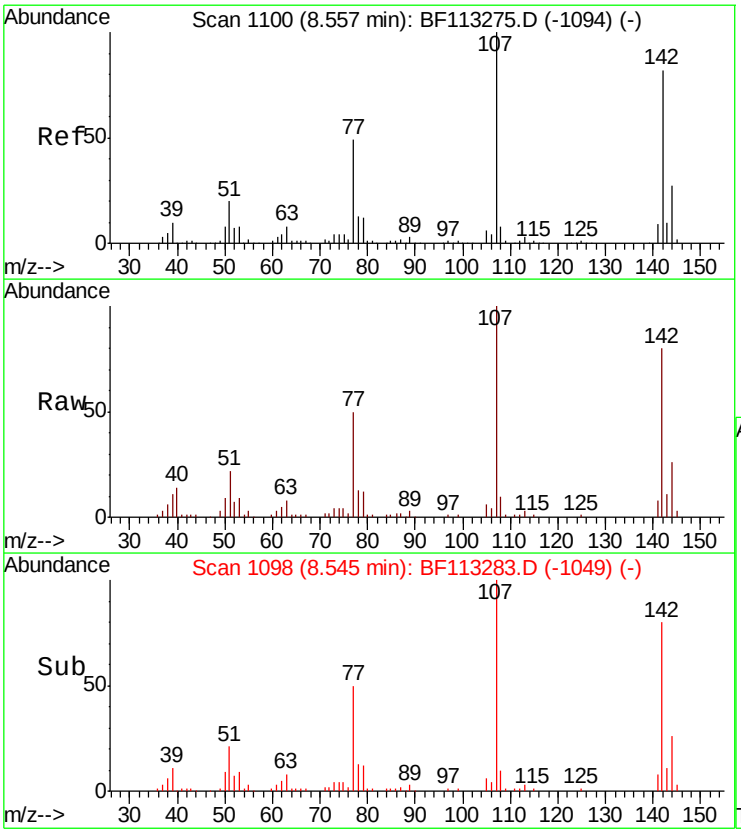
#35
Caprolactam
Concen: 8.436 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.05 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:113 Resp: 25817

Ion	Ratio	Lower	Upper
113	100		
55	195.4	152.7	192.7#
56	138.9	108.3	148.3

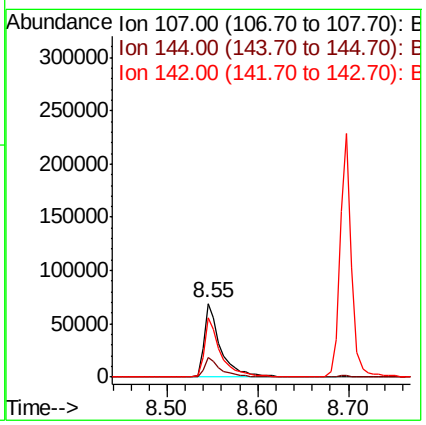


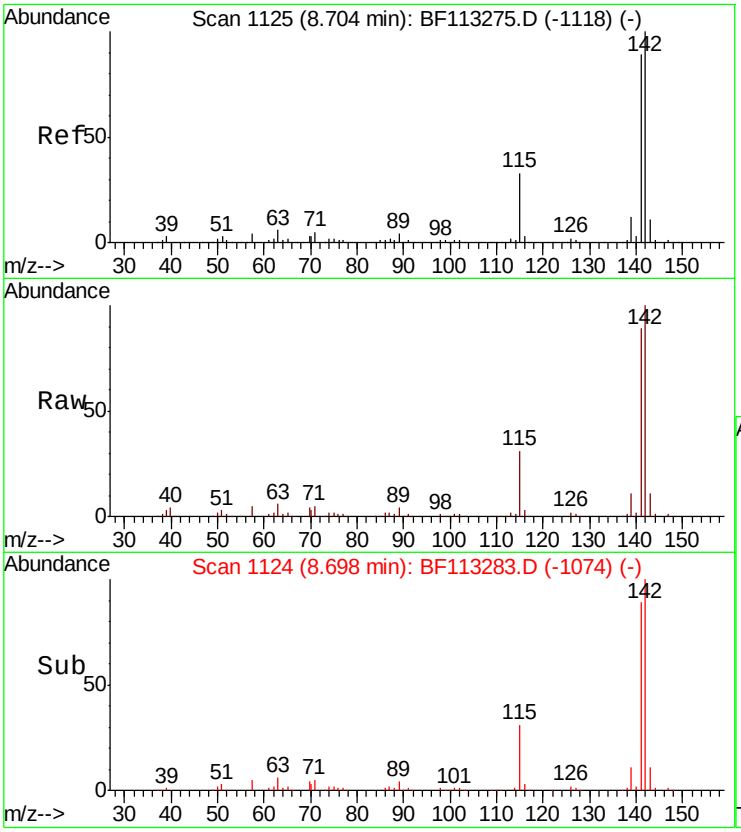


#36
4-Chloro-3-methylphenol
Concen: 9.178 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:107 Resp: 88021

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.4	32.0
142	80.3	65.6	98.4



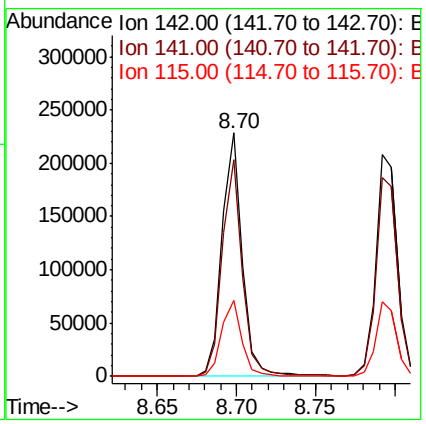


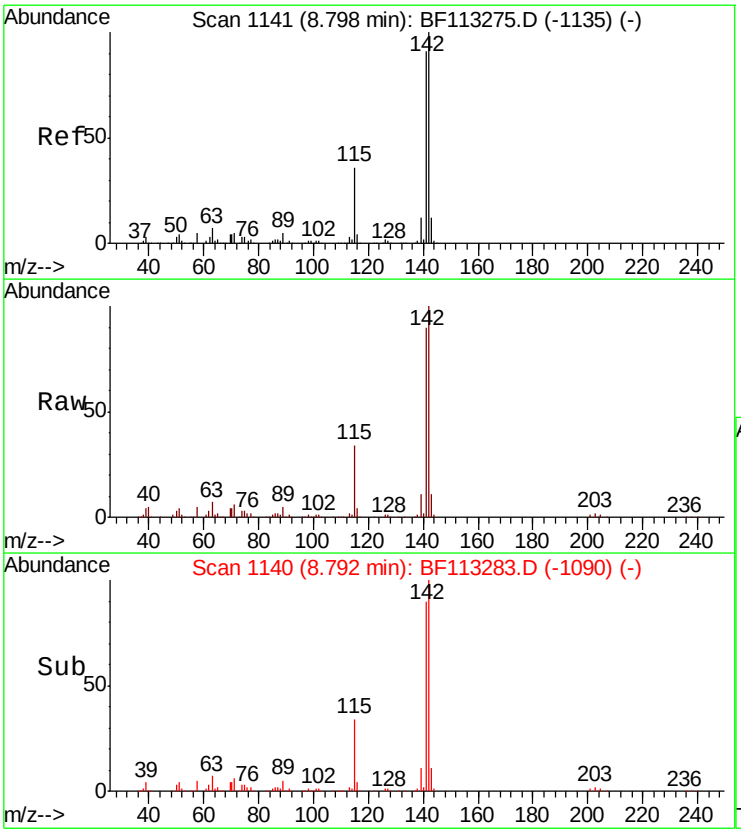
#37
2-Methylnaphthalene
Concen: 10.077 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:142 Resp: 202259

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	31.0	26.6	39.8

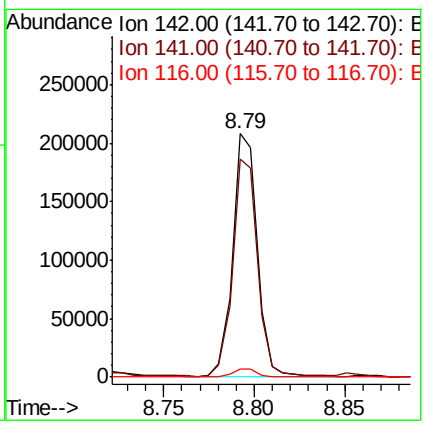


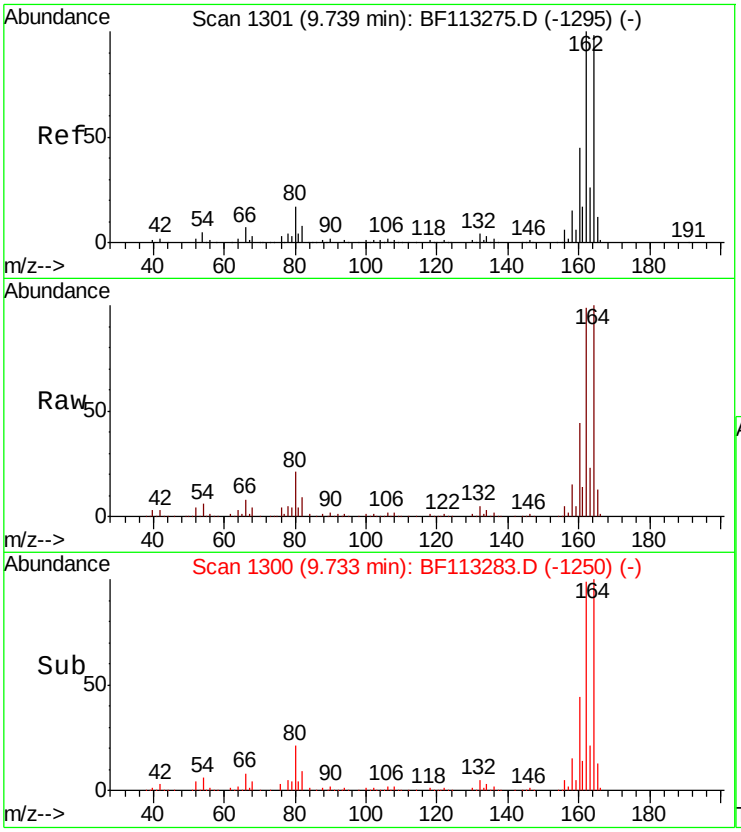


#38
1-Methylnaphthalene
Concen: 10.115 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:142 Resp: 195261

Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.2	109.8
116	3.5	3.0	4.4



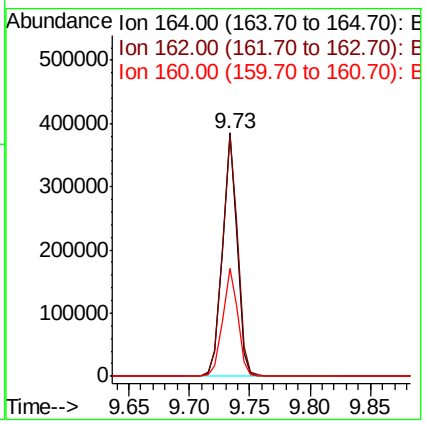


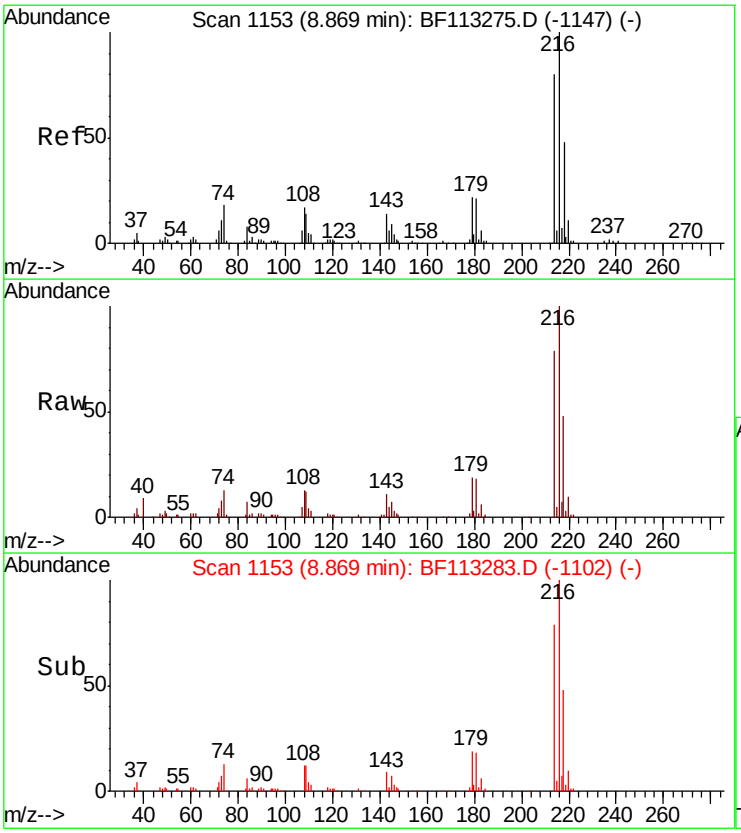
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:164 Resp: 321889

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.8	122.6
160	44.4	36.4	54.6

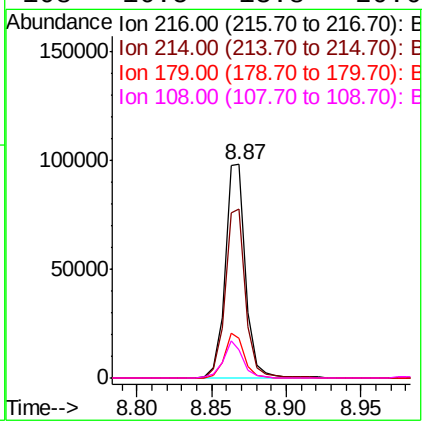


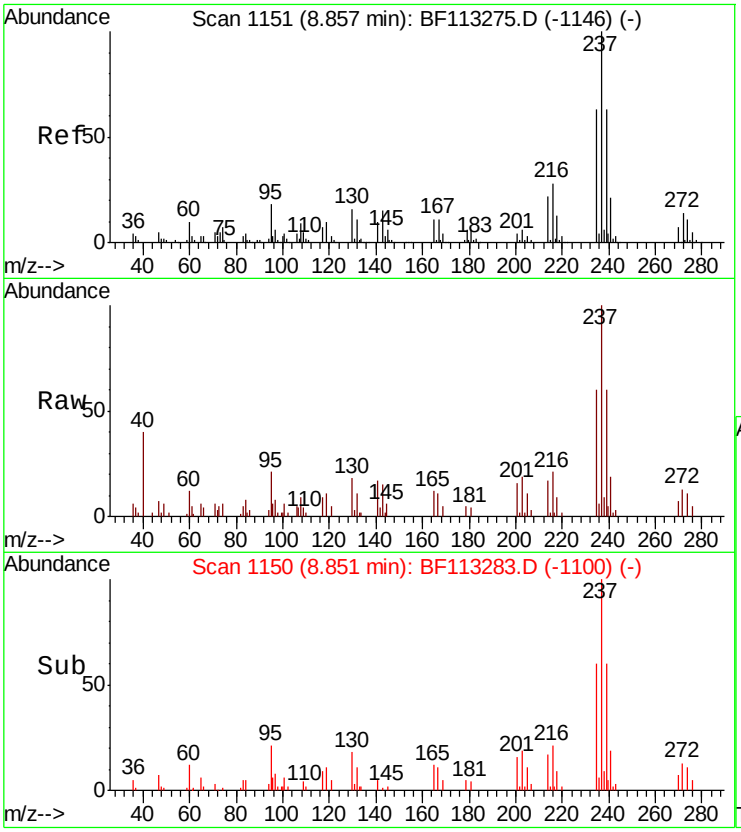


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.280 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:216 Resp: 95881

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.6
179	19.9	16.8	25.2
108	16.5	13.8	20.6



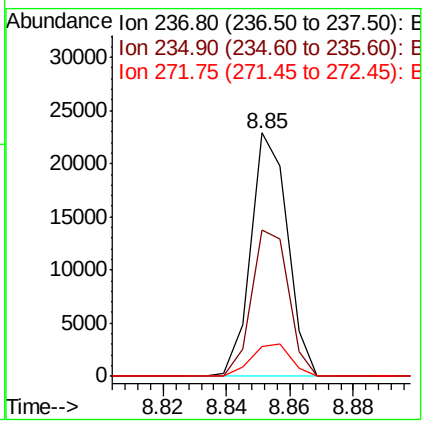


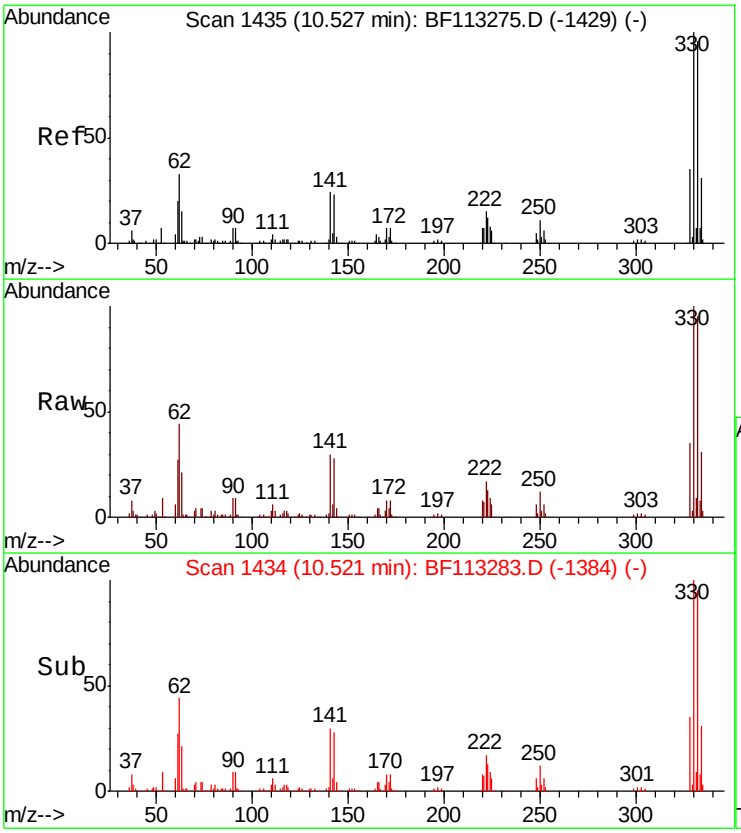
#41
Hexachlorocyclopentadiene
Concen: 4.211 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:237 Resp: 18415

Ion	Ratio	Lower	Upper
237	100		
235	60.3	43.4	83.4
272	12.5	0.0	33.7

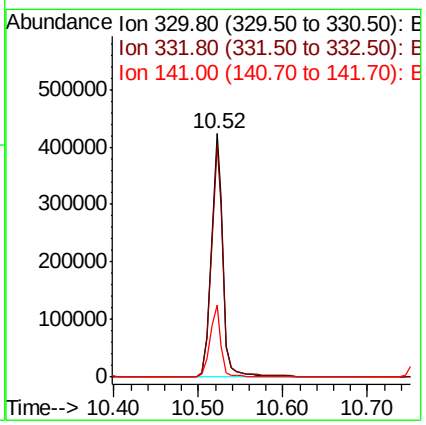


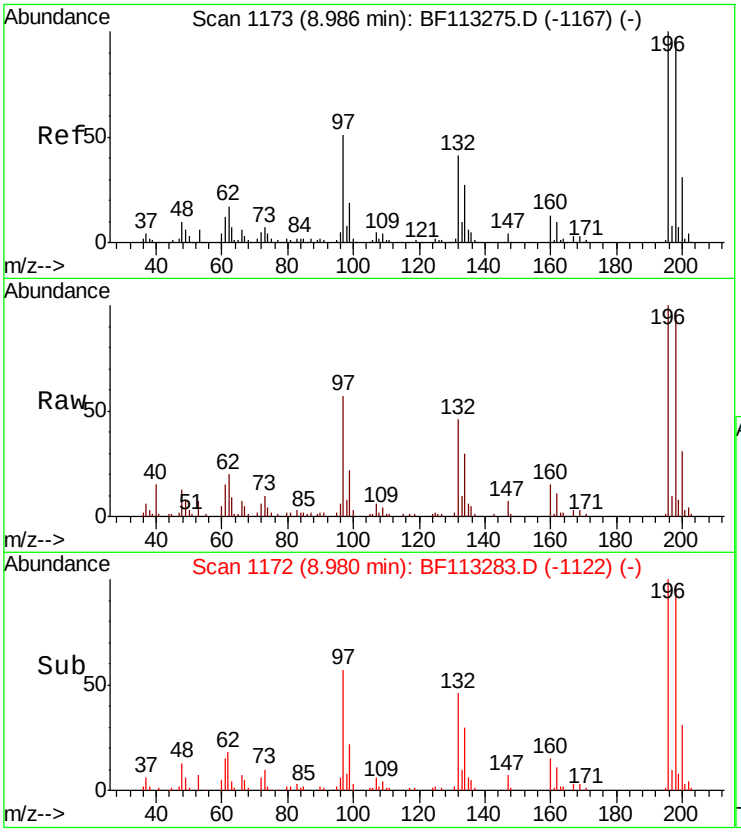


#42
2,4,6-Tribromophenol
Concen: 105.636 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:330 Resp: 420015

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.6
141	28.0	22.7	34.1



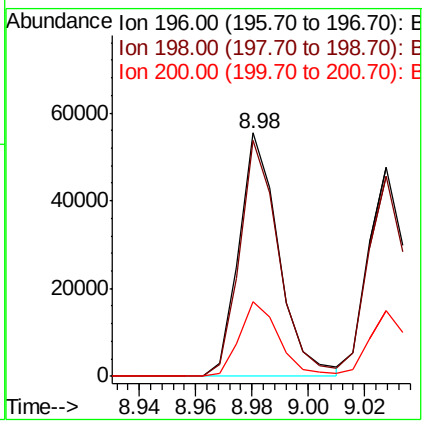


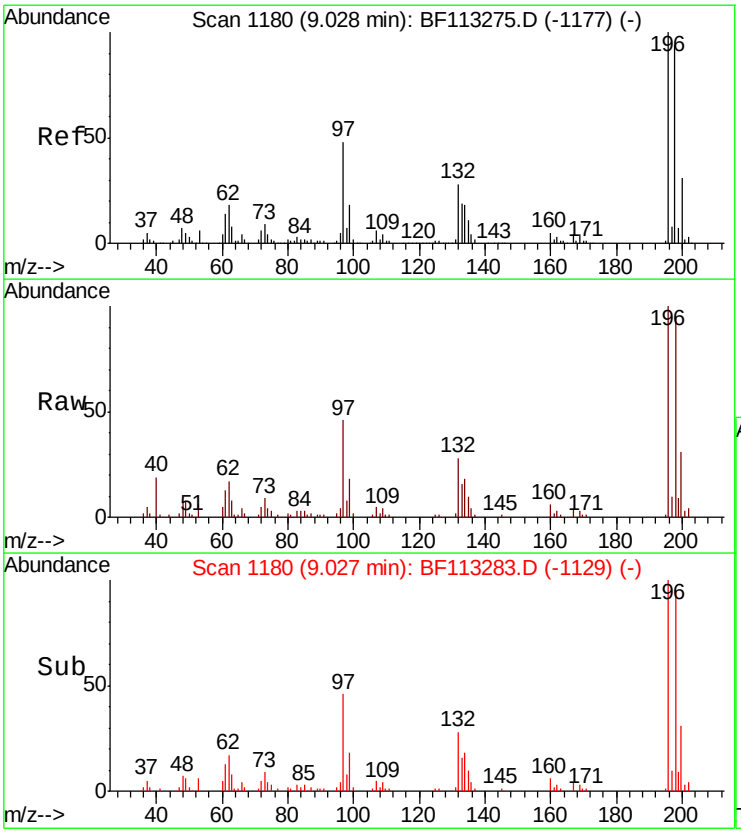
#43
2,4,6-Trichlorophenol
Concen: 8.038 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:196 Resp: 54083

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.7	116.5
200	30.9	24.9	37.3

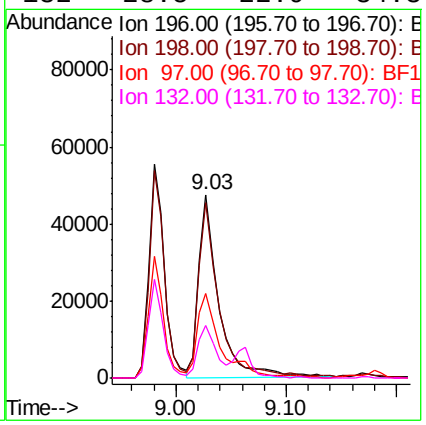


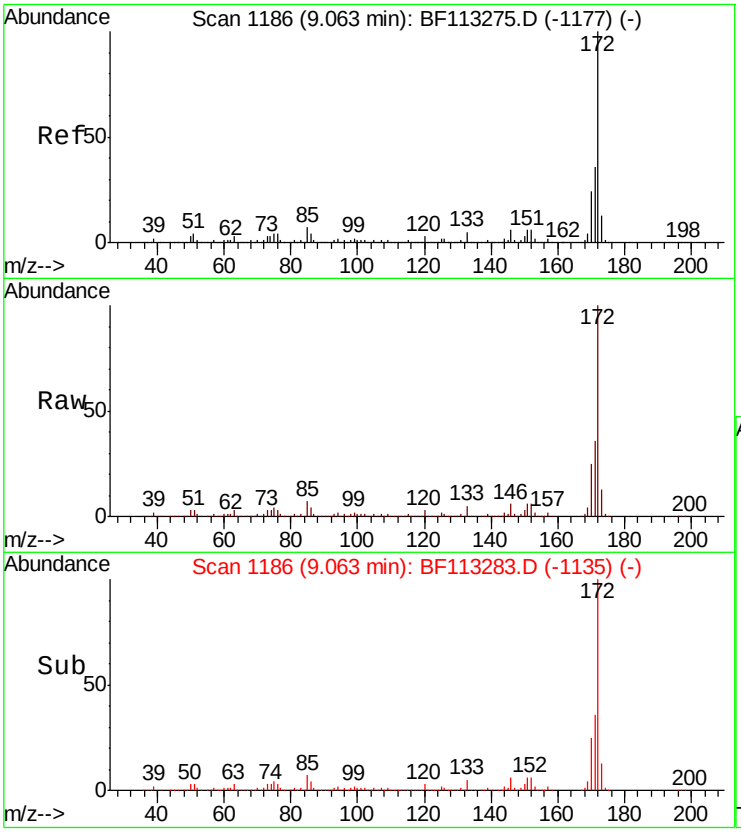


#44
2,4,5-Trichlorophenol
Concen: 7.804 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:196 Resp: 58115

Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.4	113.2
97	46.3	38.6	58.0
132	28.5	22.9	34.3



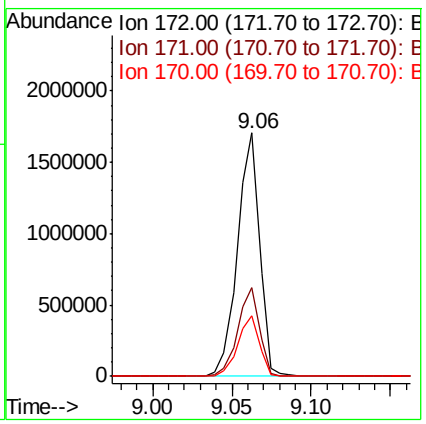


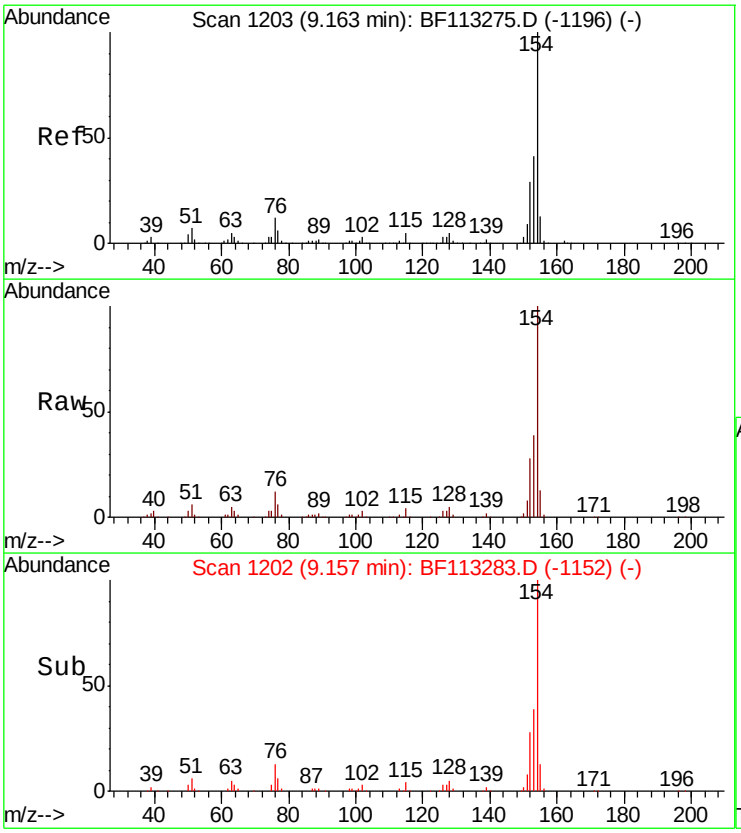
#45
2-Fluorobiphenyl
Concen: 79.031 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:172 Resp: 1648499

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.7	19.5	29.3

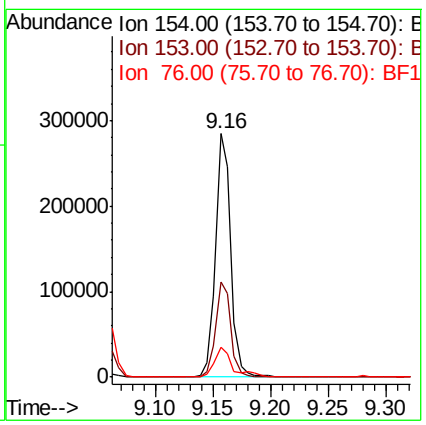


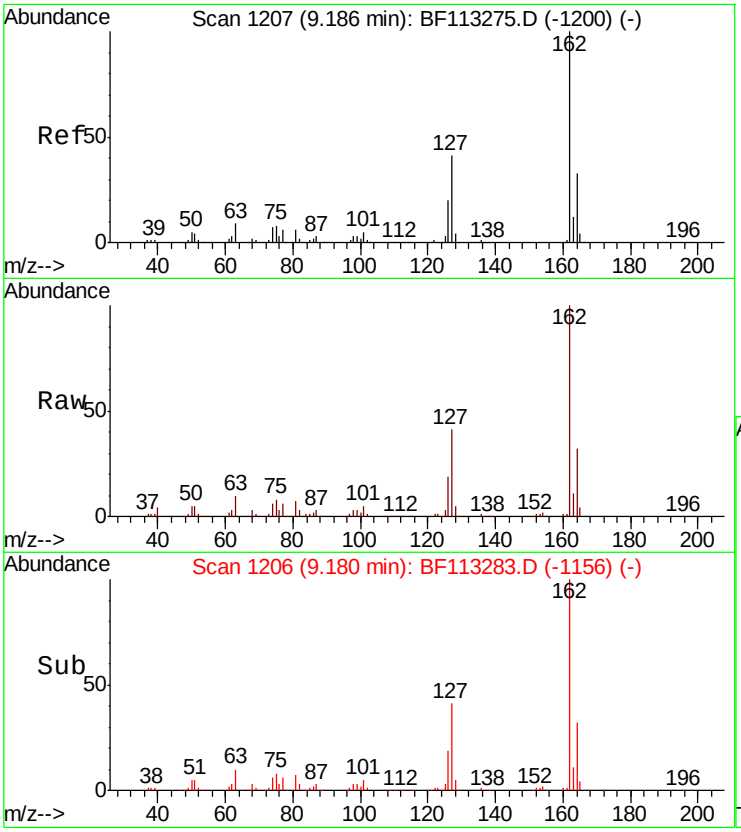


#46
1,1'-Biphenyl
Concen: 9.655 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:154 Resp: 259578

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.8	60.8
76	12.5	0.0	31.9



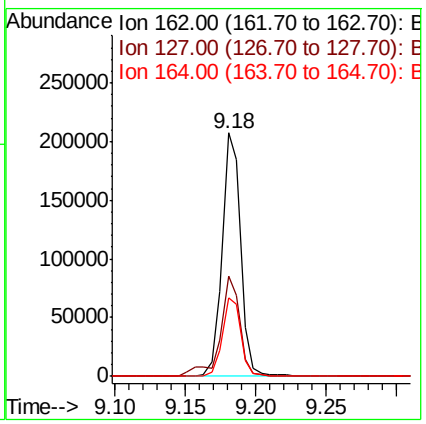


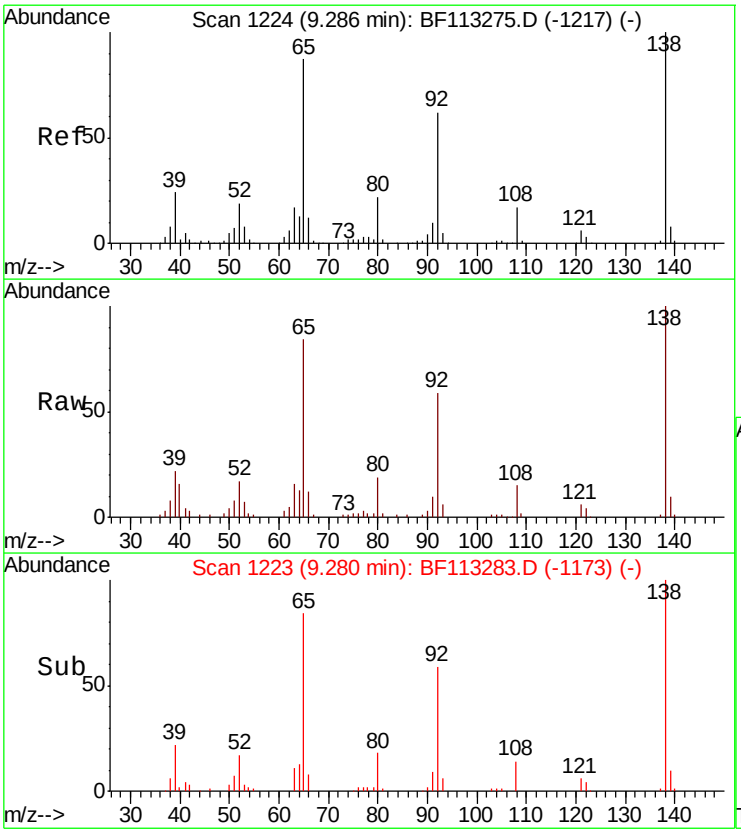
#47
2-Chloronaphthalene
Concen: 9.146 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:162 Resp: 189325

Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.6	49.0
164	32.1	26.6	39.8

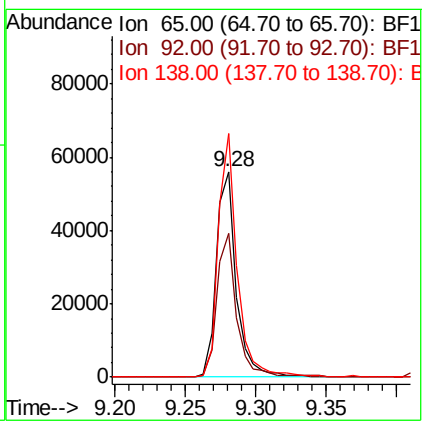


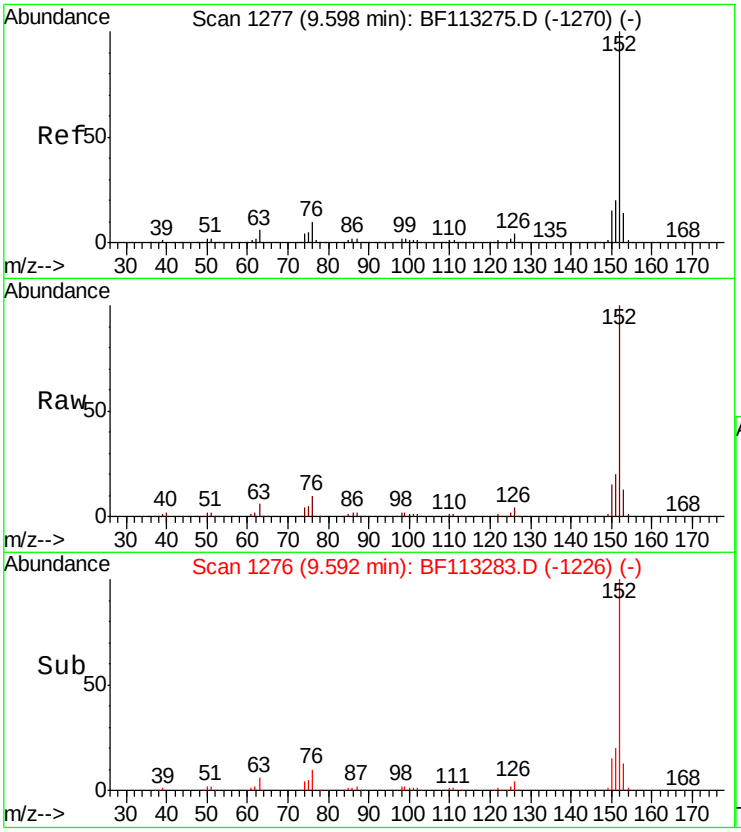


#48
2-Nitroaniline
Concen: 8.476 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion: 65 Resp: 55056

Ion	Ratio	Lower	Upper
65	100		
92	69.8	56.8	85.2
138	118.4	92.3	138.5



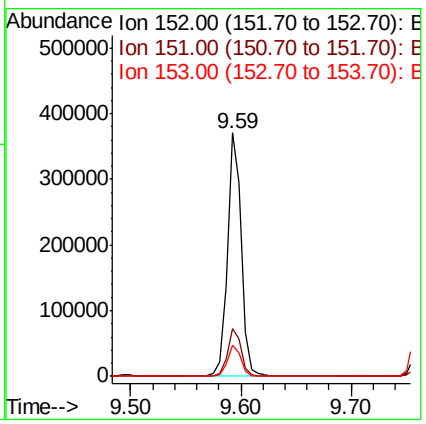


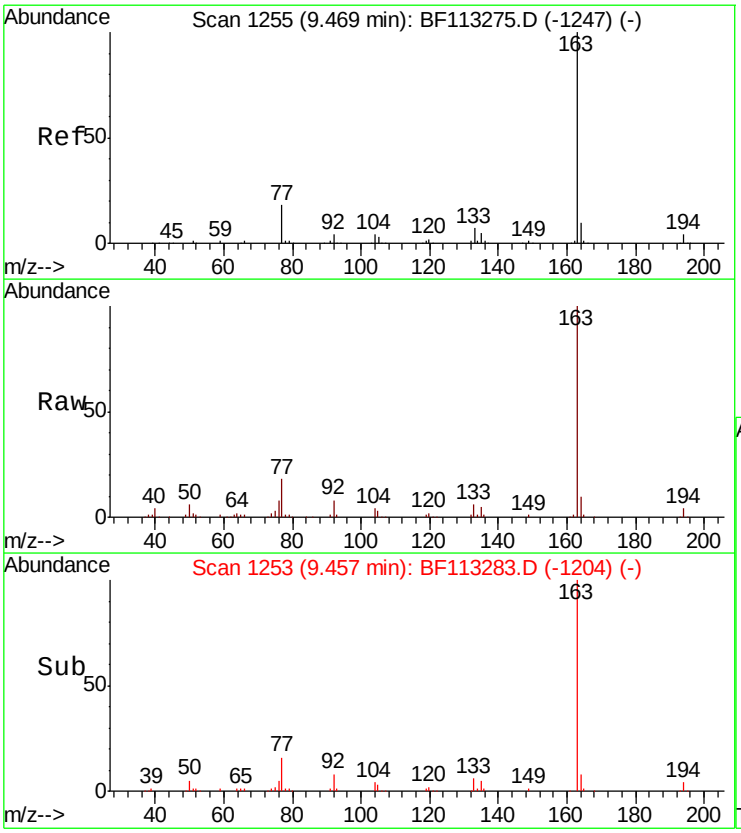
#49
Acenaphthylene
Concen: 9.695 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:152 Resp: 324487

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.0	11.0	16.6

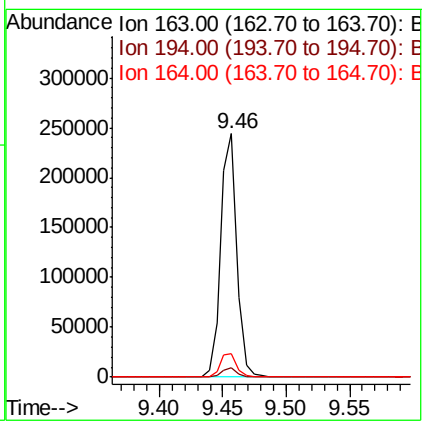


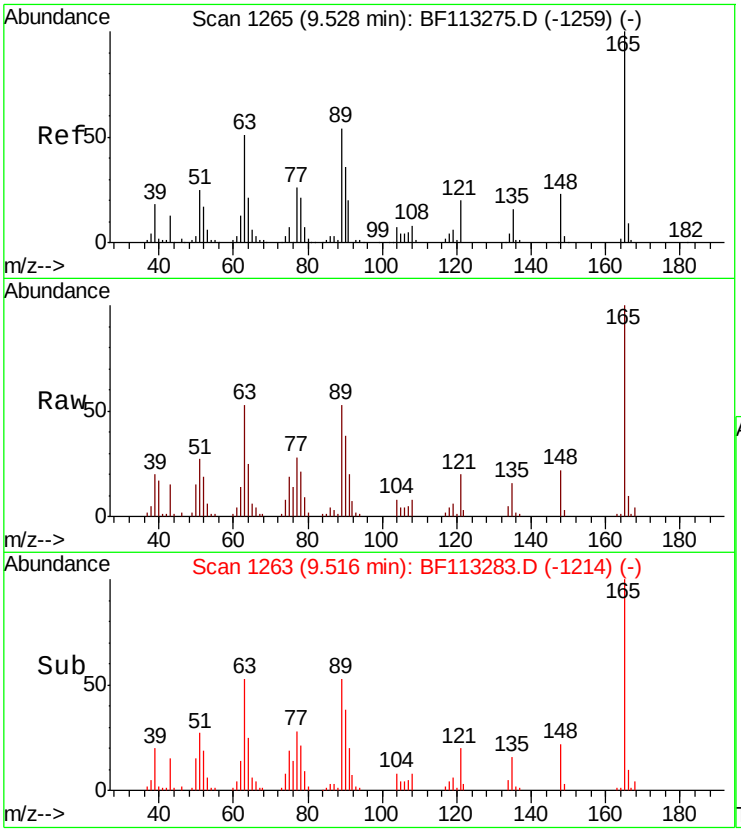


#50
Dimethylphthalate
Concen: 9.106 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:163 Resp: 217227

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.8	8.1	12.1



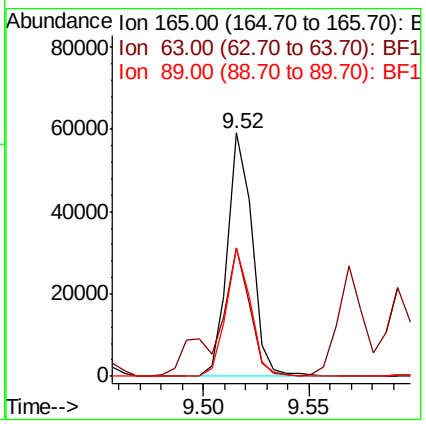


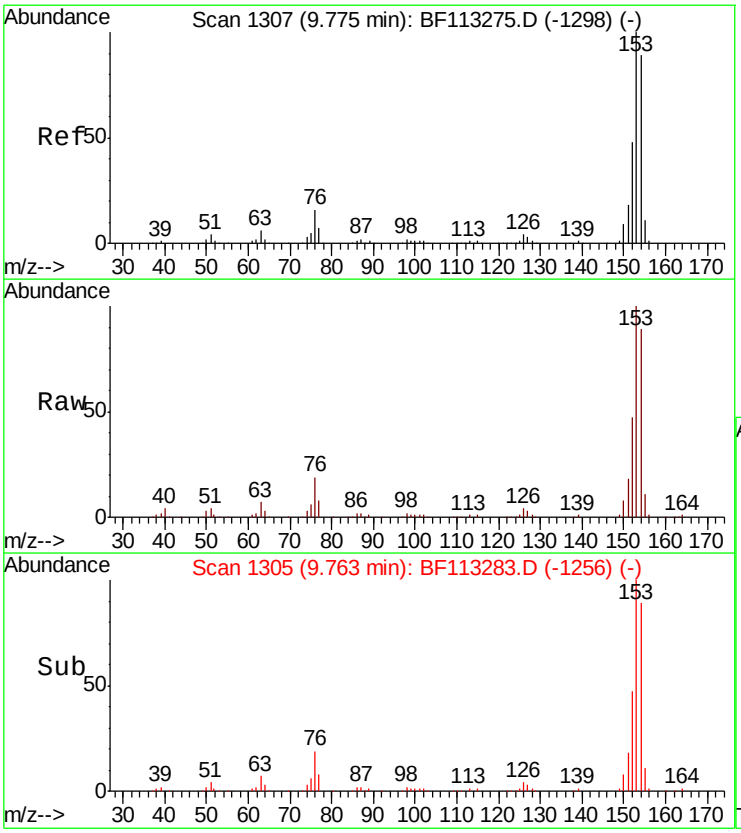
#51
2,6-Dinitrotoluene
Concen: 8.825 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:165 Resp: 47490

Ion	Ratio	Lower	Upper
165	100		
63	53.0	43.4	65.0
89	52.9	43.1	64.7

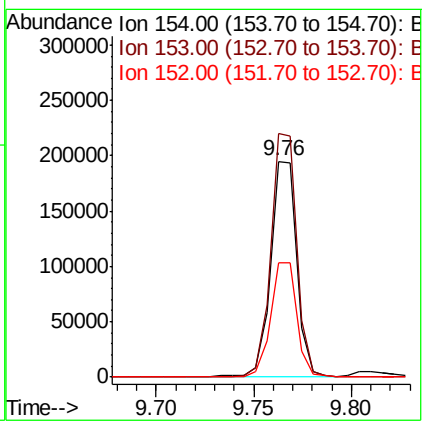


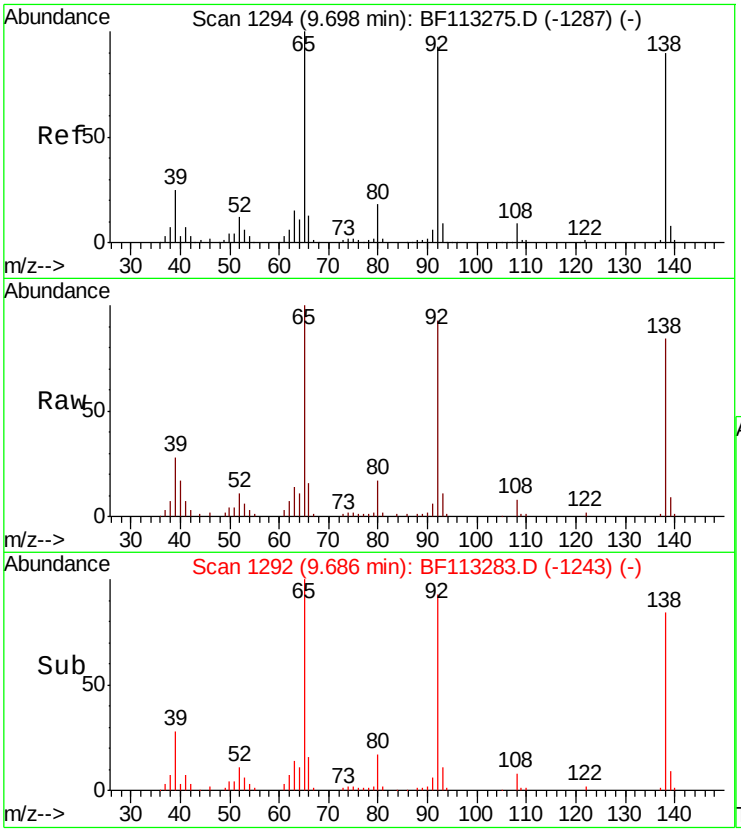


#52
Acenaphthene
Concen: 9.549 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:154 Resp: 179981

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.5	134.3
152	52.9	43.3	64.9



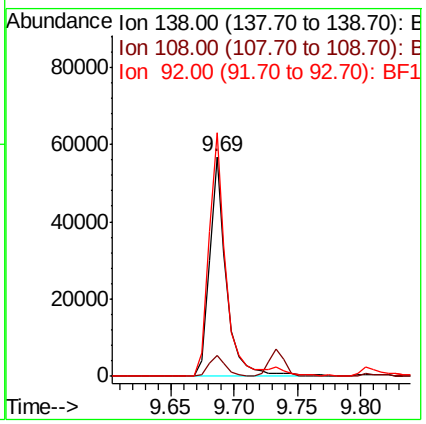


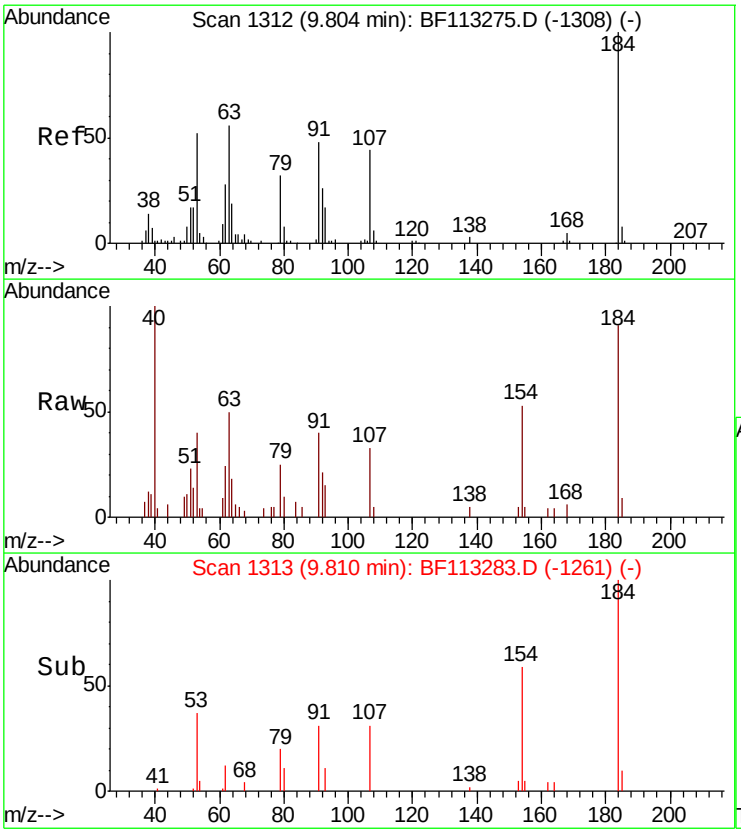
#53
3-Nitroaniline
Concen: 8.709 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:138 Resp: 52856

Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	111.0	82.6	124.0

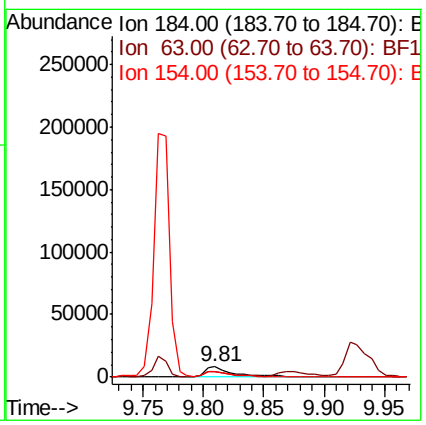


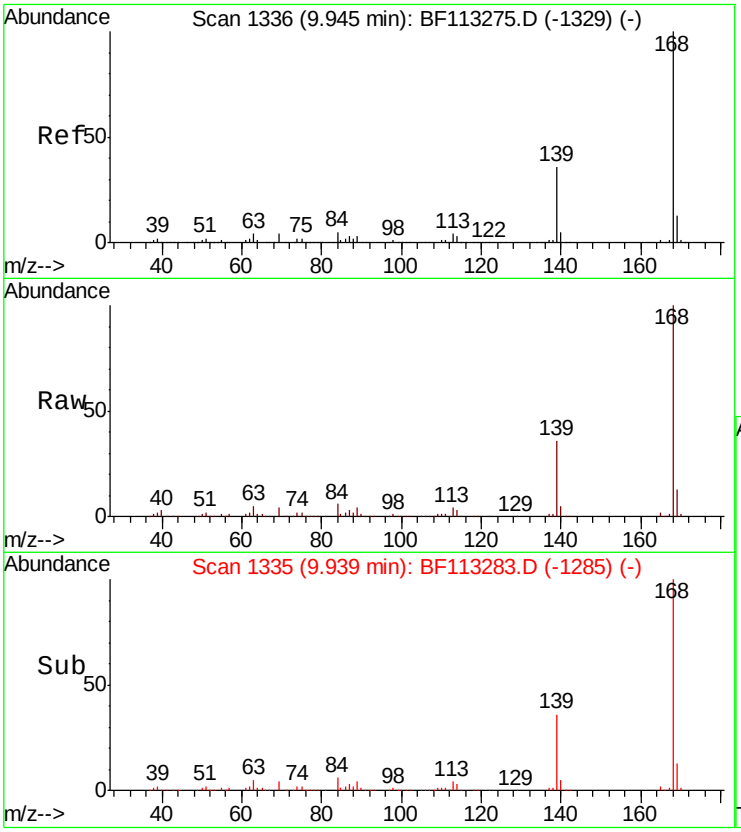


#54
2,4-Dinitrophenol
Concen: 5.356 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:184 Resp: 14335

Ion	Ratio	Lower	Upper
184	100		
63	54.6	54.3	81.5
154	58.5	48.4	72.6



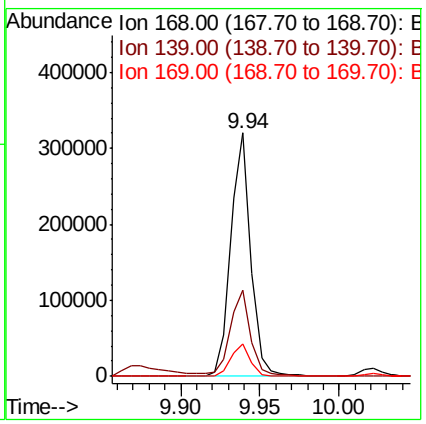


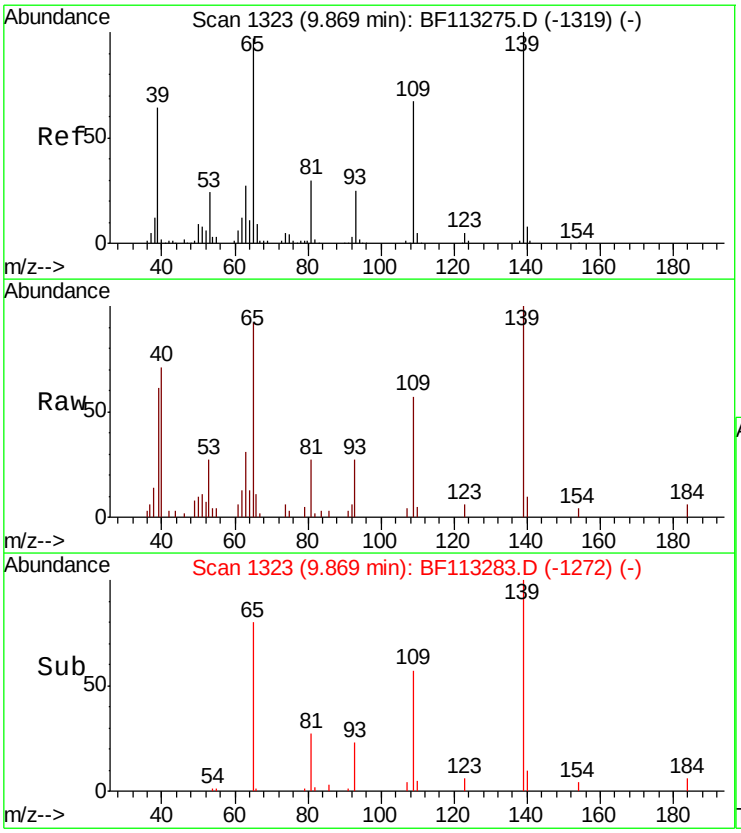
#55
Dibenzofuran
Concen: 9.913 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:168 Resp: 280891

Ion	Ratio	Lower	Upper
168	100		
139	35.6	29.7	44.5
169	13.2	10.7	16.1

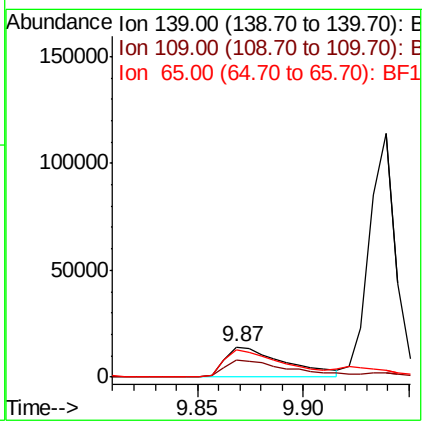


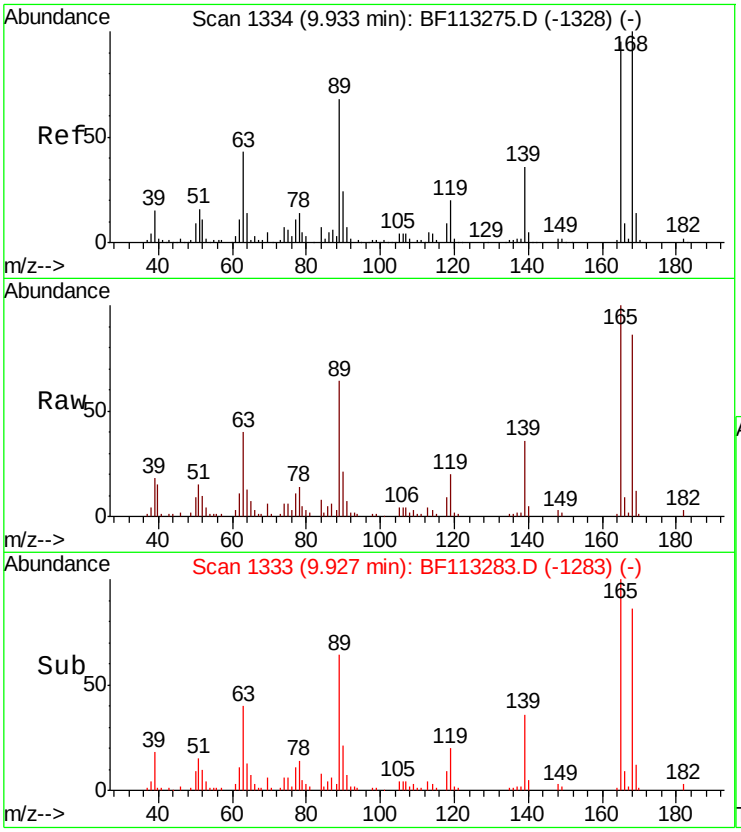


#56
4-Nitrophenol
Concen: 6.477 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:139 Resp: 28023

Ion	Ratio	Lower	Upper
139	100		
109	56.9	46.9	86.9
65	92.1	77.2	117.2



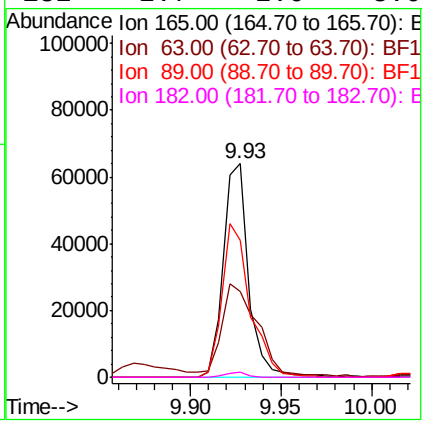


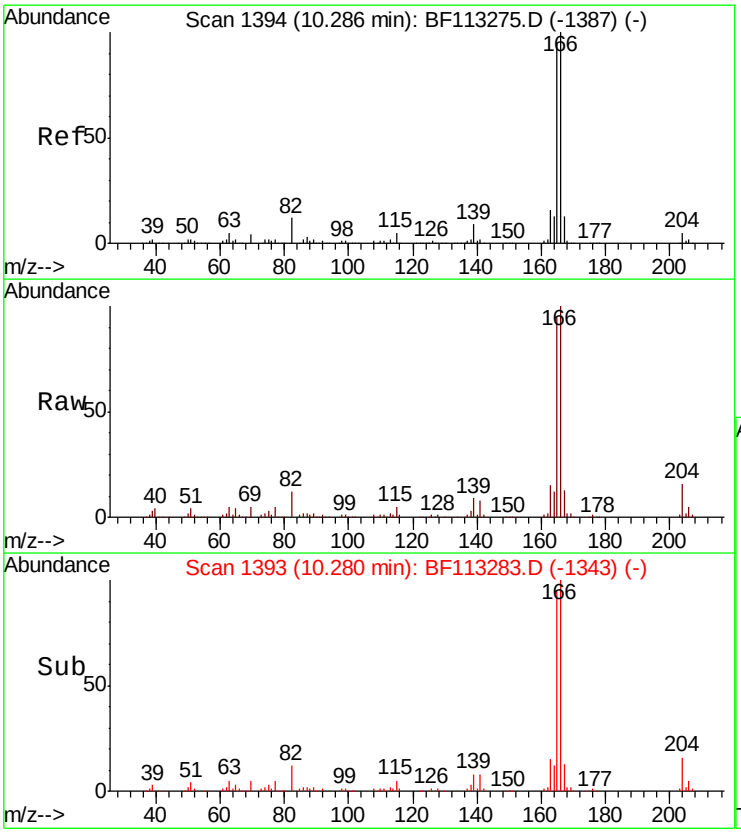
#57
2,4-Dinitrotoluene
Concen: 9.083 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:165 Resp: 62158

Ion	Ratio	Lower	Upper
165	100		
63	40.4	37.5	56.3
89	64.4	57.4	86.2
182	2.7	2.0	3.0

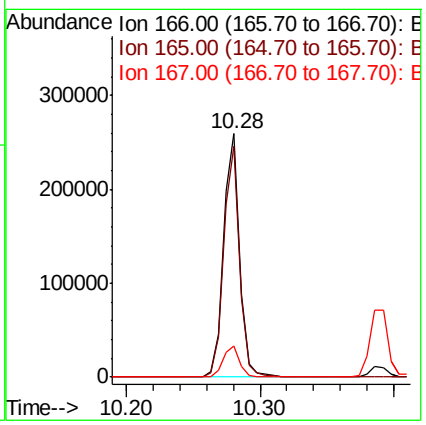


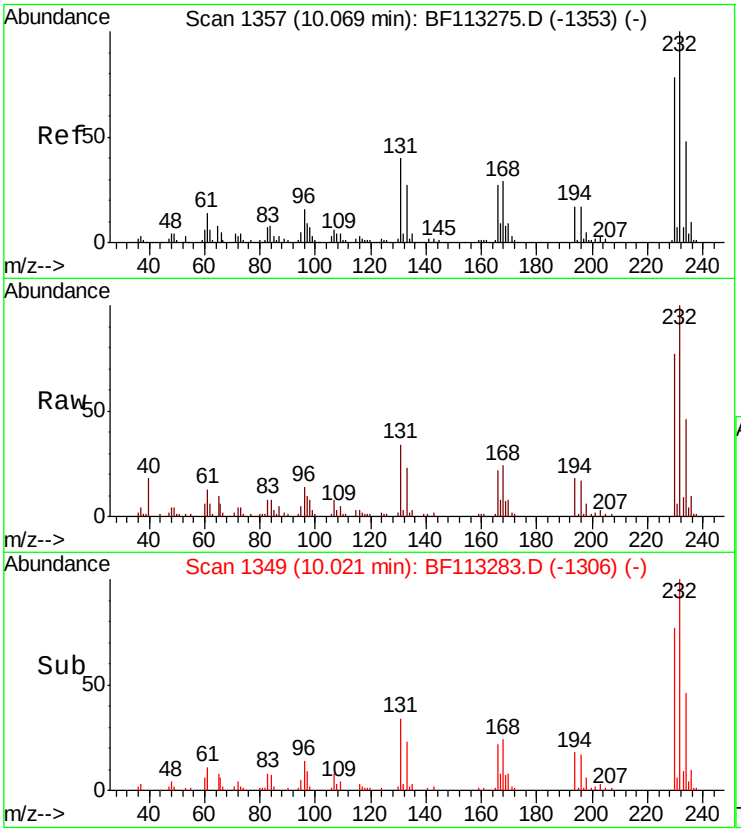


#58
Fluorene
Concen: 9.987 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:166 Resp: 219826

Ion	Ratio	Lower	Upper
166	100		
165	94.9	76.2	114.2
167	12.8	10.7	16.1



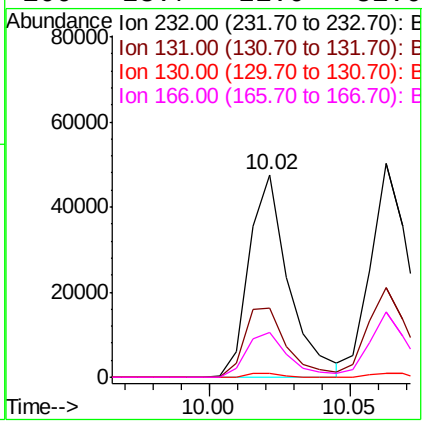


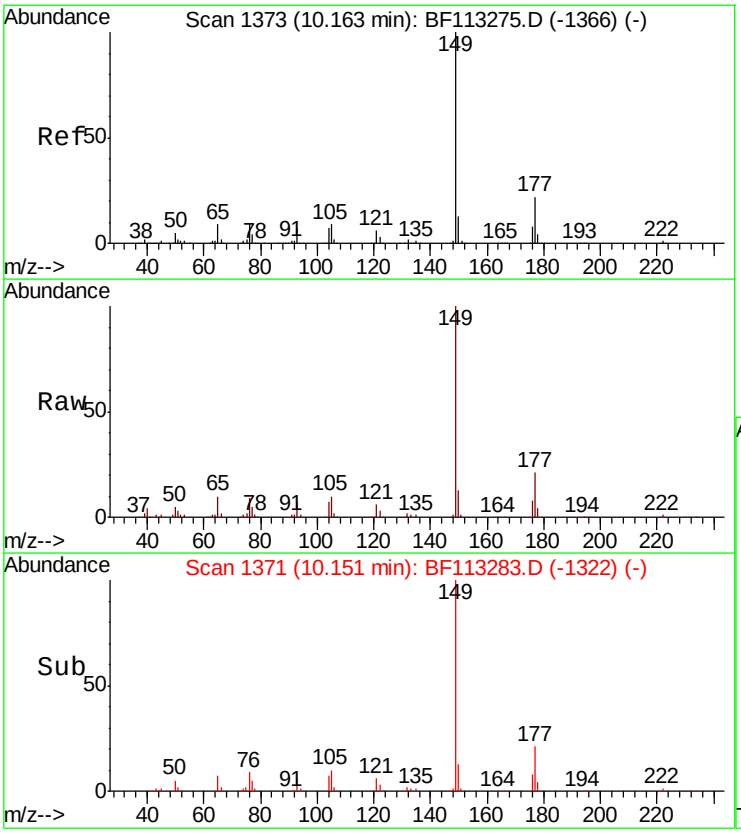
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.342 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.05 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:232 Resp: 46231

Ion	Ratio	Lower	Upper
232	100		
131	37.4	33.2	49.8
130	1.6	1.6	2.4
166	23.7	21.0	31.6

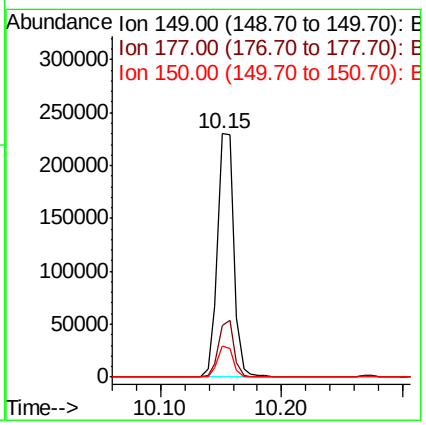


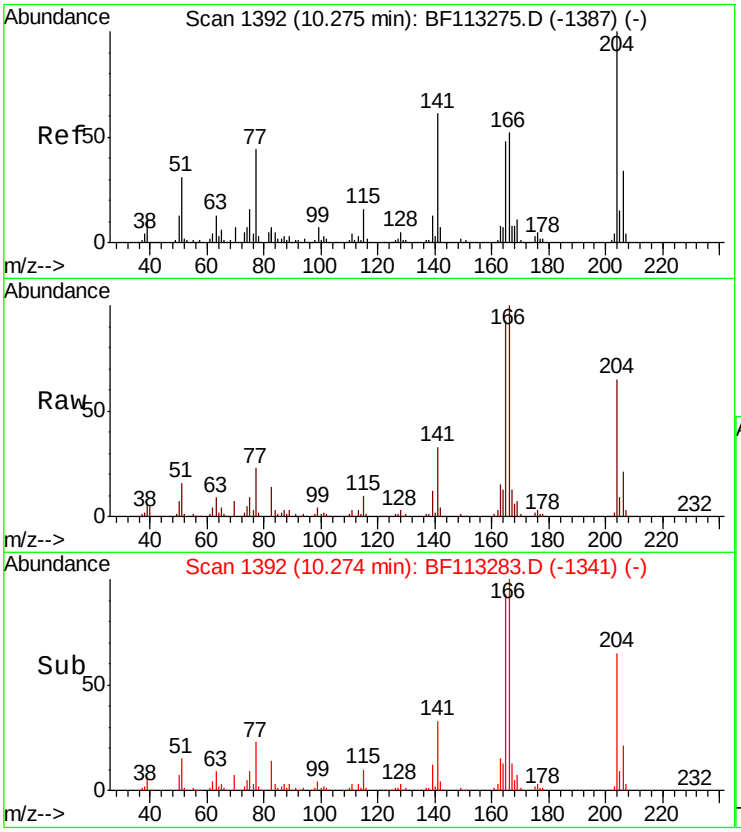


#60
Diethylphthalate
Concen: 9.173 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:149 Resp: 214666

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.4	26.0
150	12.7	10.0	15.0



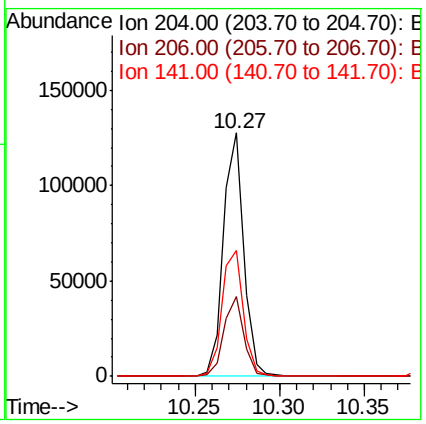


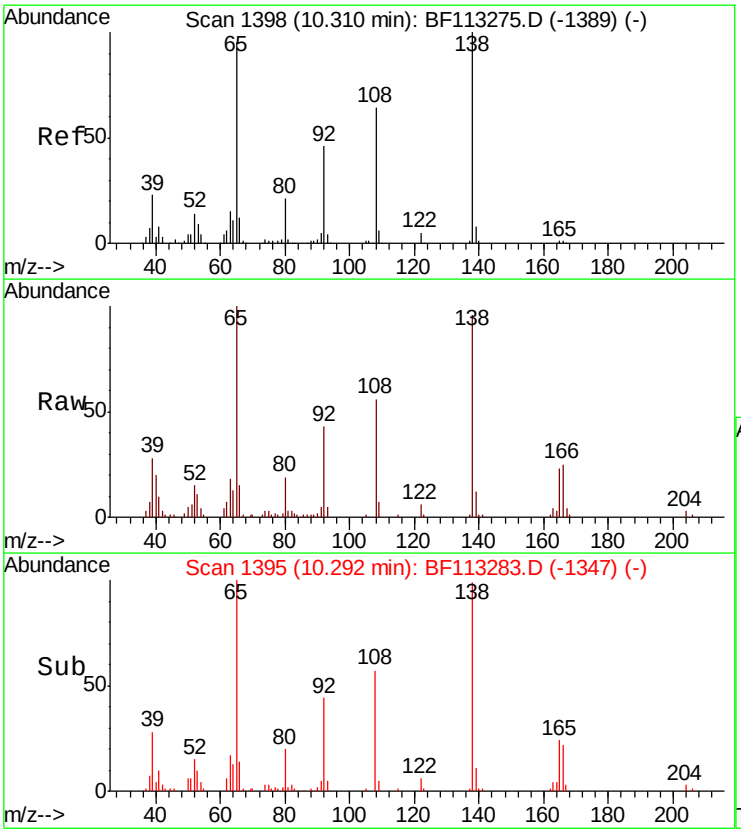
#61
4-Chlorophenyl-phenylether
Concen: 9.960 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:204 Resp: 106856

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.9	40.3
141	51.8	48.8	73.2

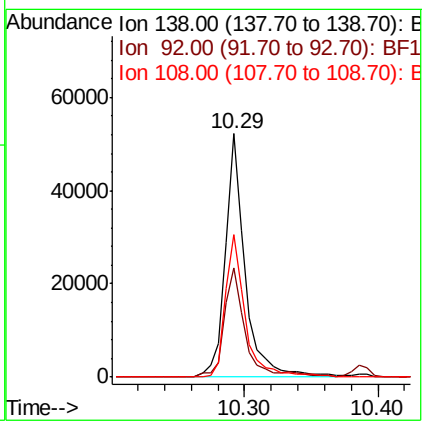


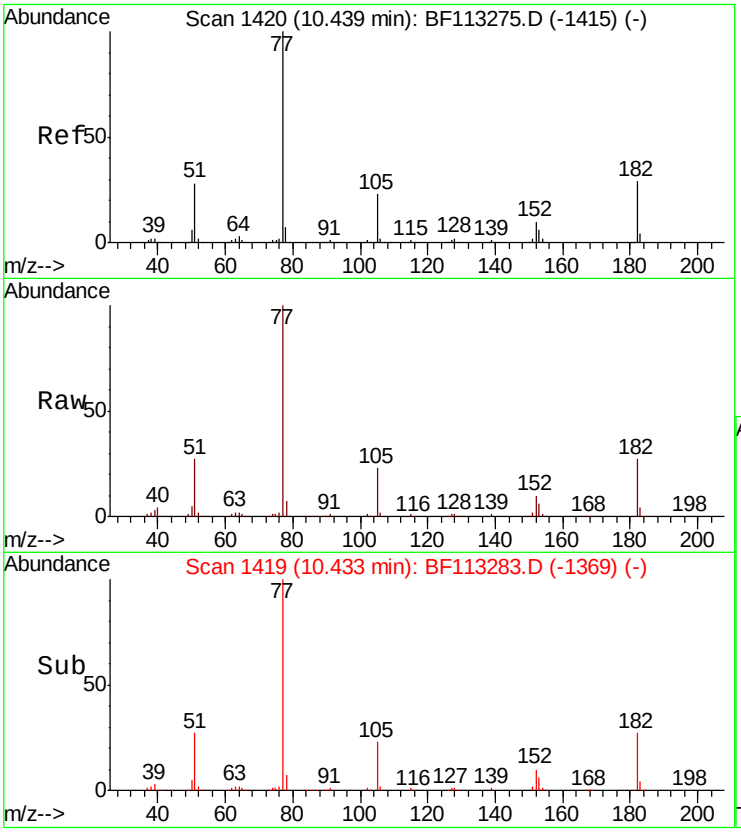


#62
4-Nitroaniline
Concen: 8.755 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:138 Resp: 54707

Ion	Ratio	Lower	Upper
138	100		
92	44.7	25.8	65.8
108	58.7	44.0	84.0



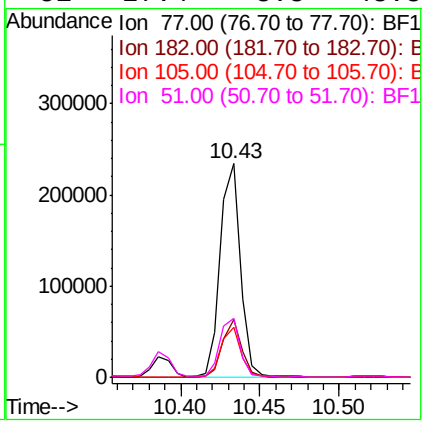


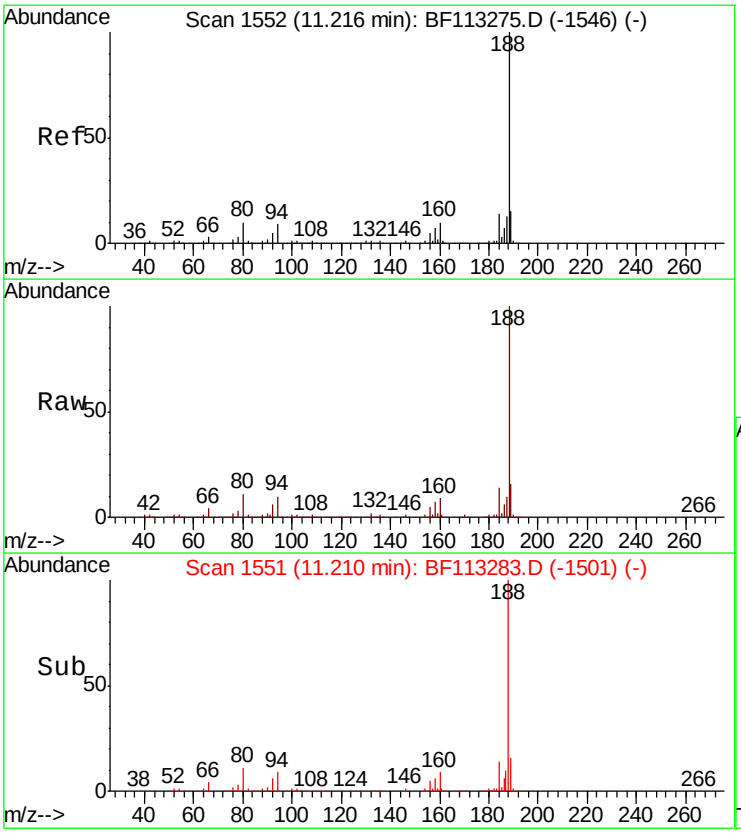
#63
Azobenzene
Concen: 9.393 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 77 Resp: 206918

Ion	Ratio	Lower	Upper
77	100		
182	27.2	8.7	48.7
105	23.5	2.9	42.9
51	27.4	8.8	48.8

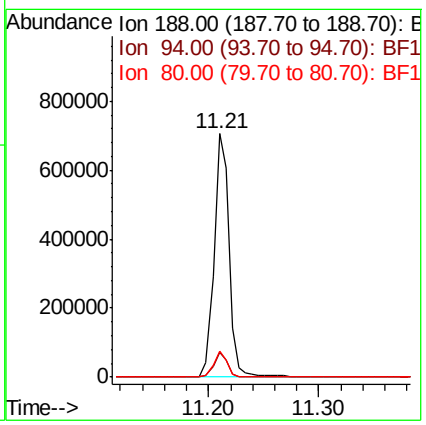


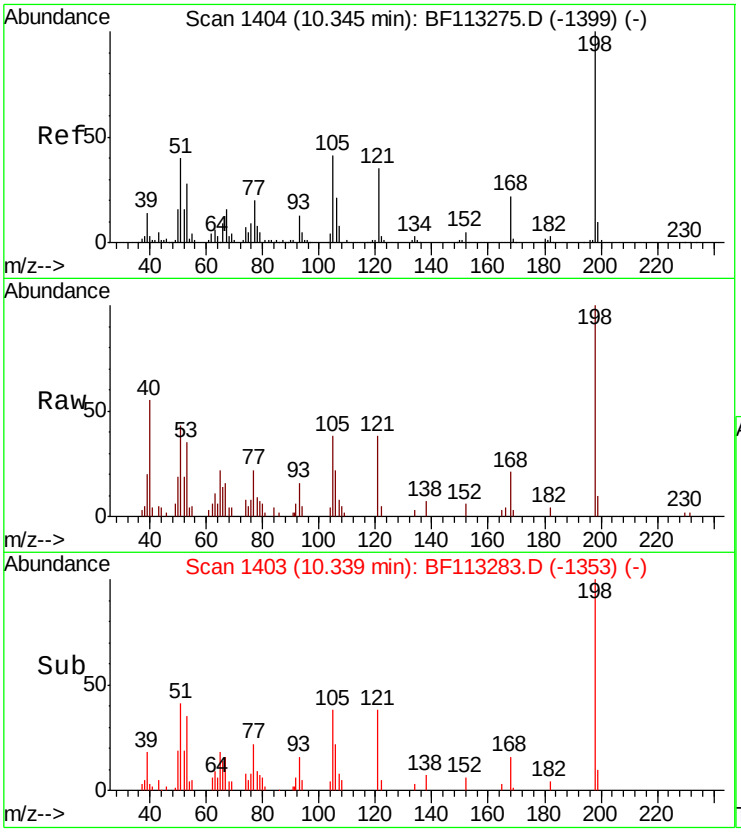


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:188 Resp: 656090

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.0	10.6
80	10.7	7.7	11.5



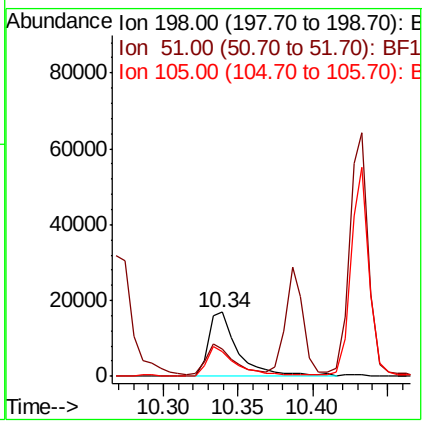


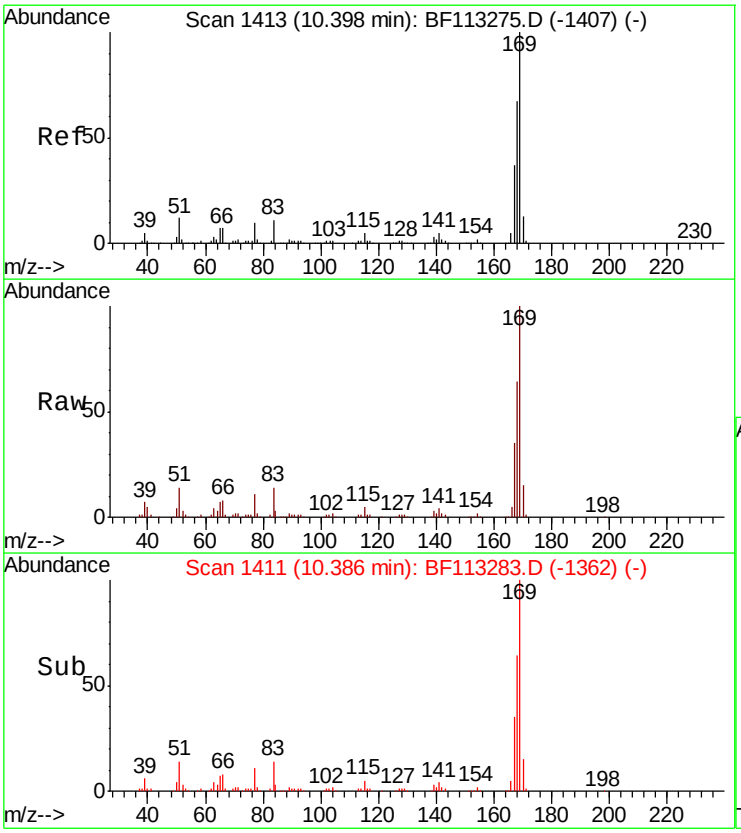
#65
4,6-Dinitro-2-methylphenol
Concen: 6.562 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:198 Resp: 23551

Ion	Ratio	Lower	Upper
198	100		
51	43.3	21.6	61.6
105	38.3	20.6	60.6

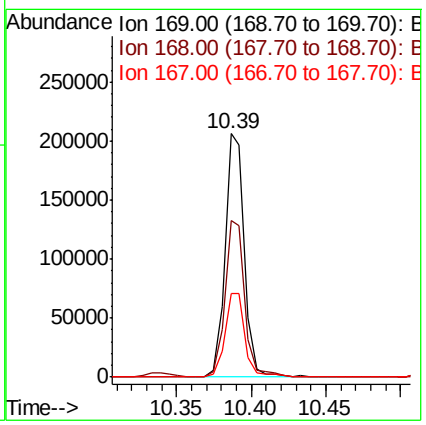


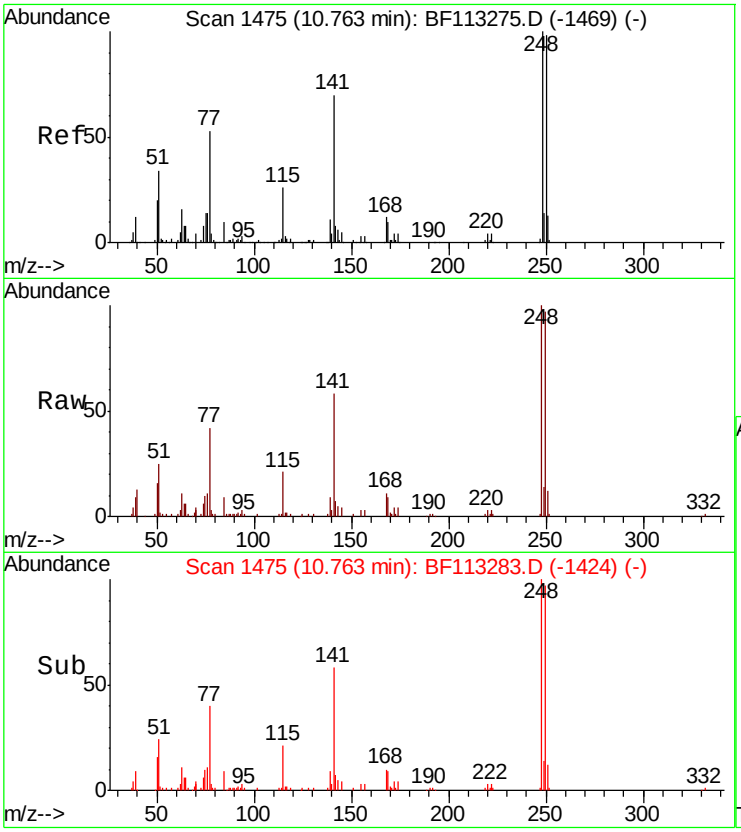


#66
n-Nitrosodiphenylamine
Concen: 9.383 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:169 Resp: 188904

Ion	Ratio	Lower	Upper
169	100		
168	64.4	53.7	80.5
167	34.6	29.5	44.3



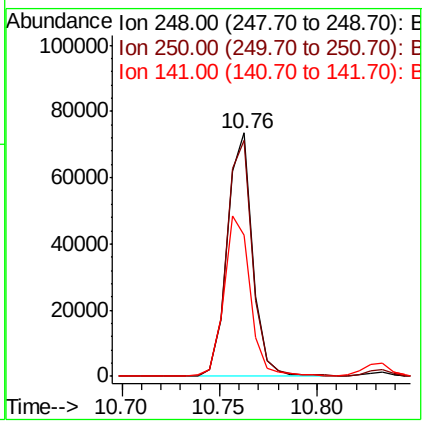


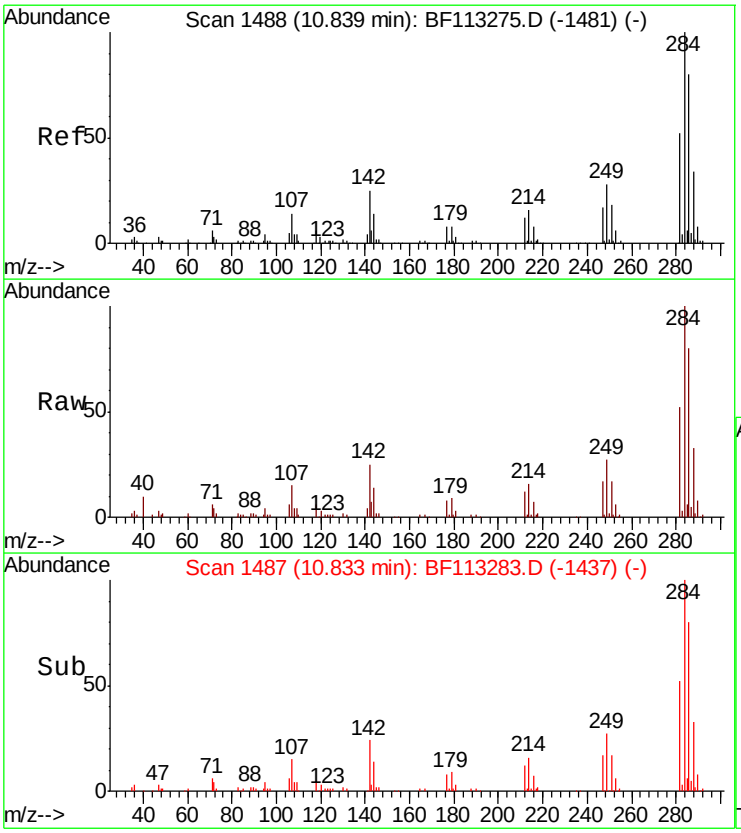
#67
4-Bromophenyl-phenylether
Concen: 9.230 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:248 Resp: 66000

Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.3	117.5
141	57.9	56.2	84.4

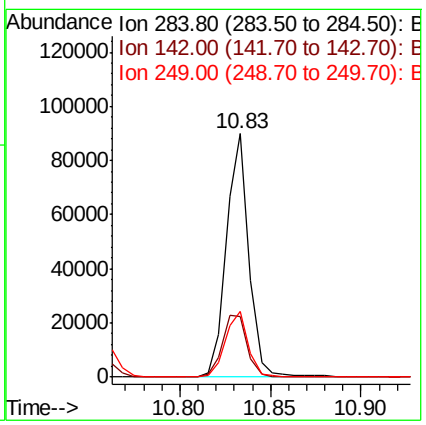


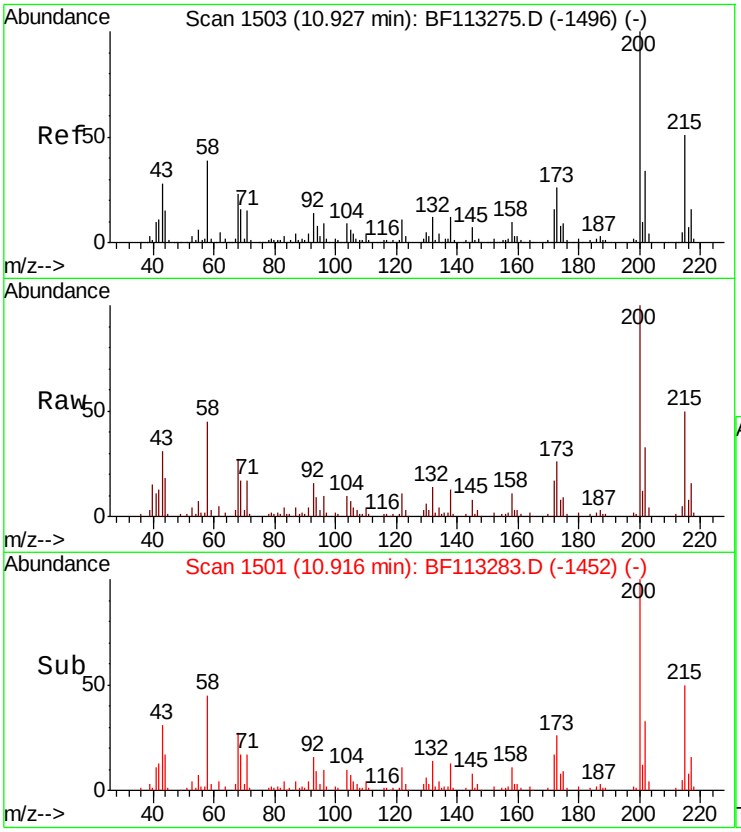


#68
Hexachlorobenzene
Concen: 9.346 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:284 Resp: 77574

Ion	Ratio	Lower	Upper
284	100		
142	24.8	20.1	30.1
249	26.8	22.7	34.1



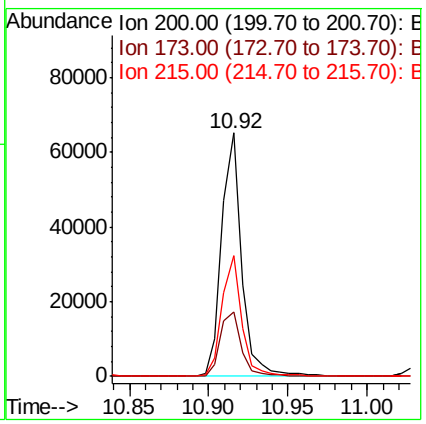


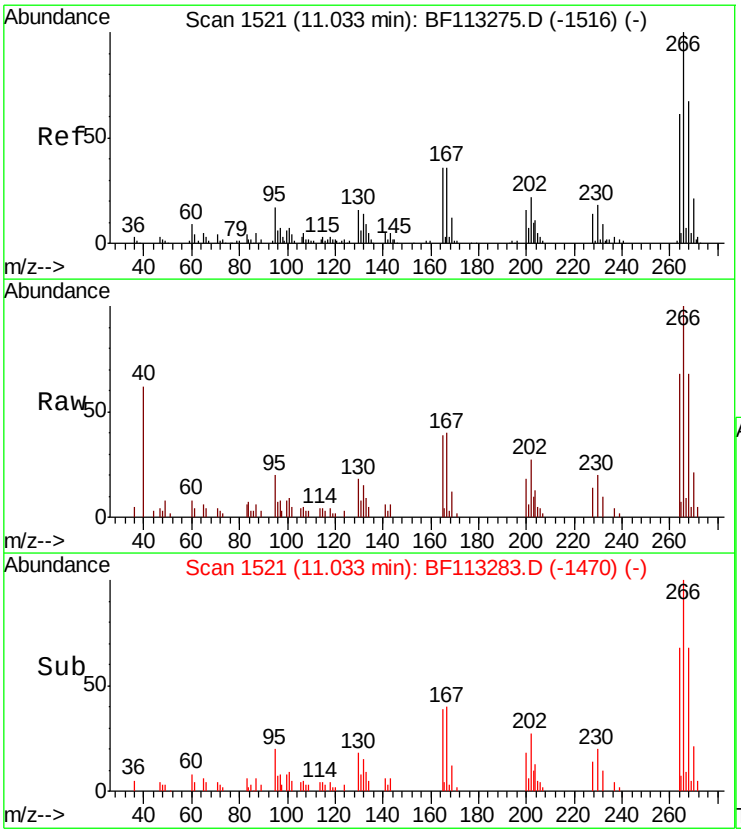
#69
Atrazine
Concen: 8.976 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:200 Resp: 57036

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.0	46.0
215	49.5	31.3	71.3

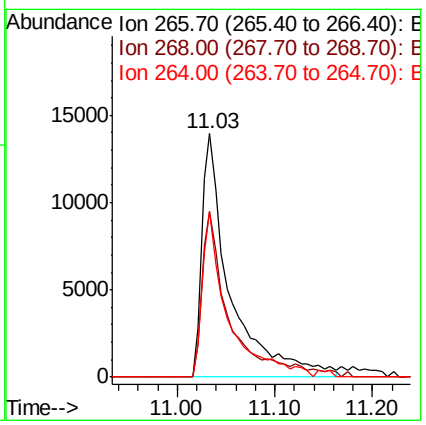


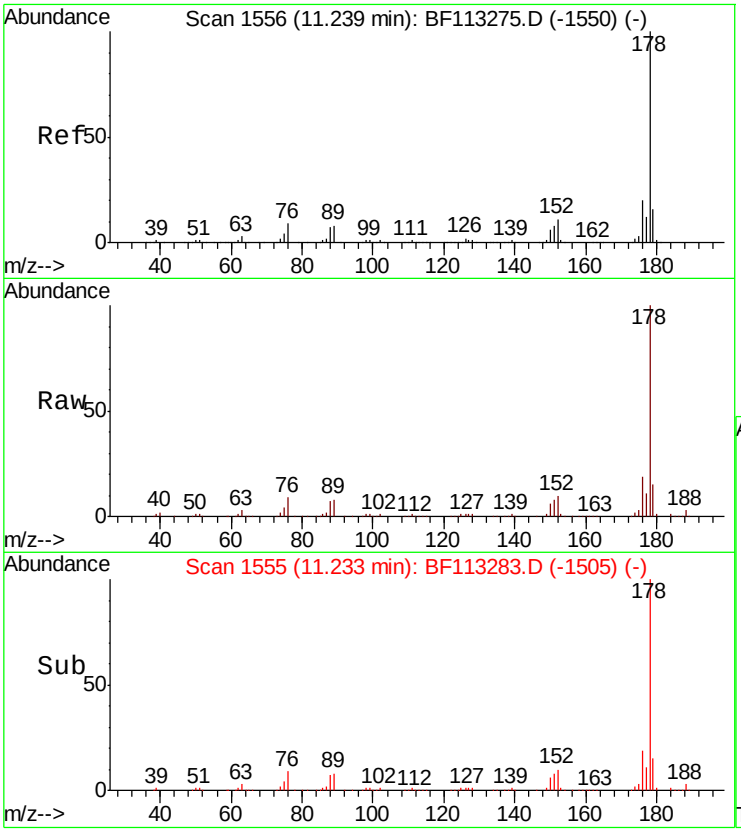


#70
Pentachlorophenol
Concen: 6.446 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:266 Resp: 27877

Ion	Ratio	Lower	Upper
266	100		
268	67.8	53.8	80.6
264	68.2	49.2	73.8



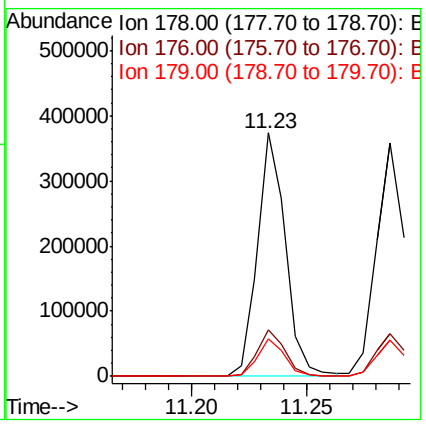


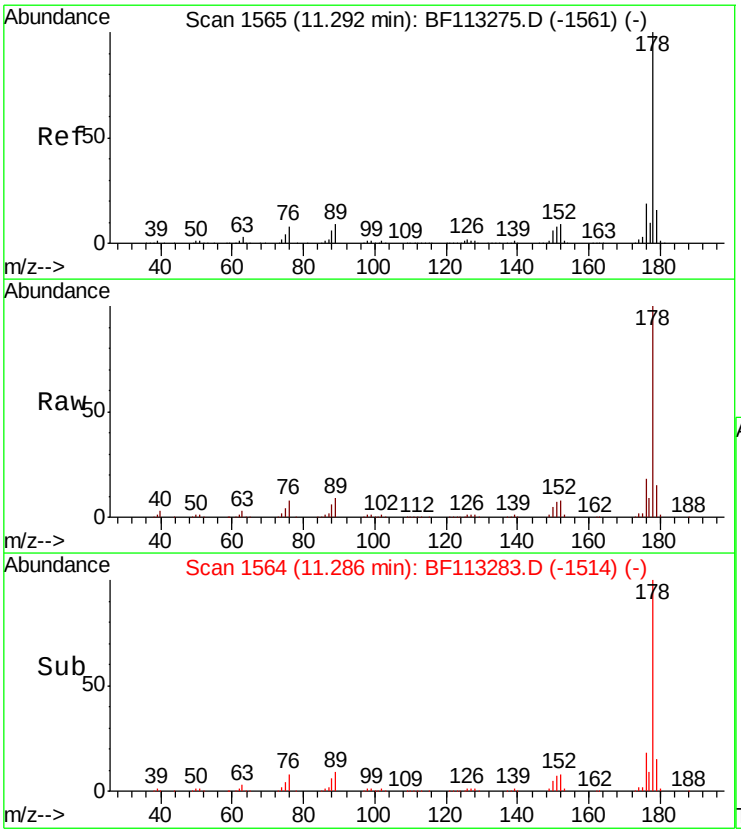
#71
Phenanthrene
Concen: 9.751 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:178 Resp: 317693

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.5	12.7	19.1

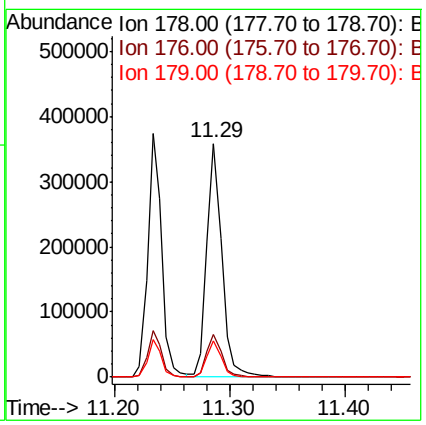


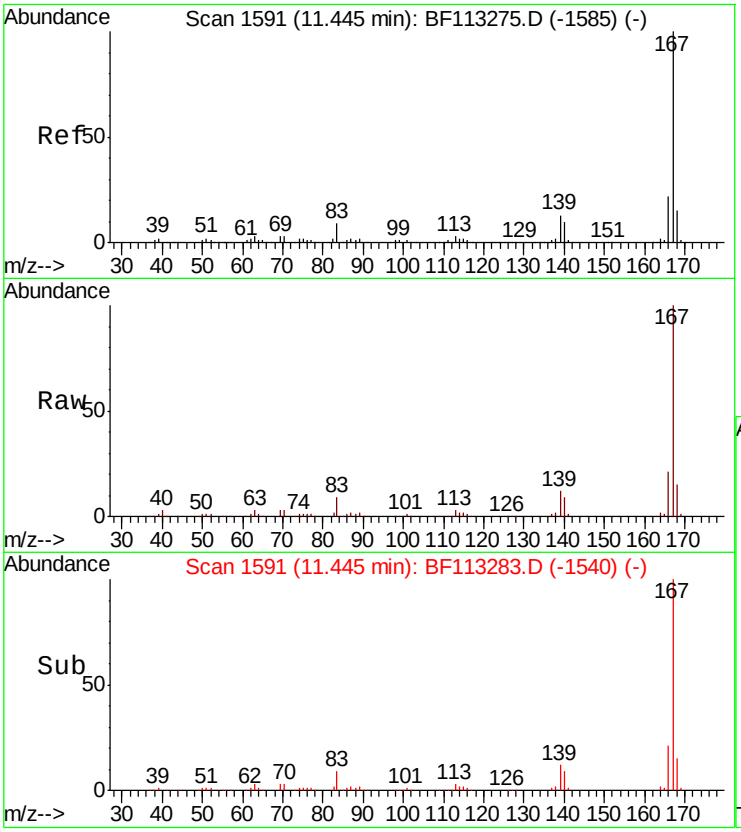


#72
Anthracene
Concen: 9.968 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:178 Resp: 329883

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.4	12.8	19.2



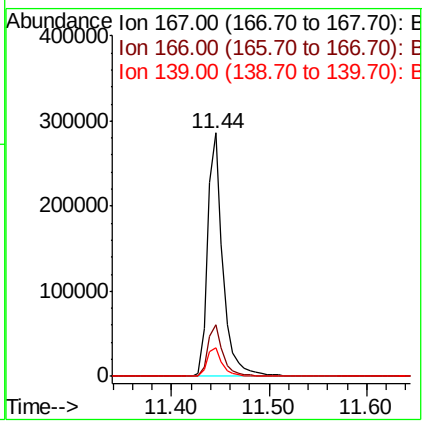


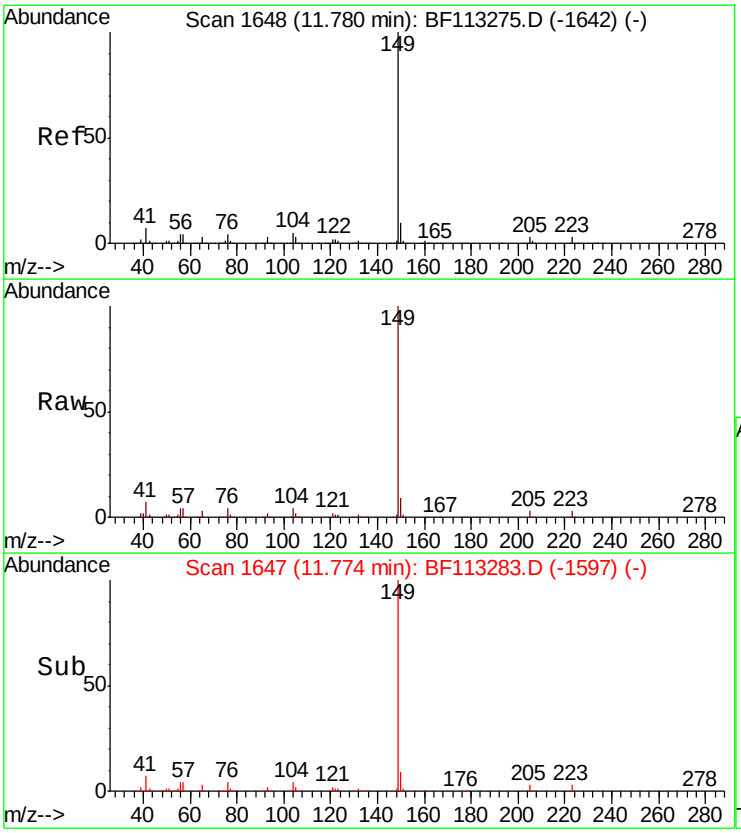
#73
Carbazole
Concen: 9.650 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:167 Resp: 304726

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	11.8	10.4	15.6

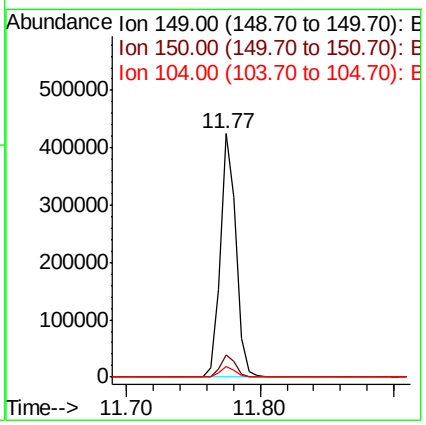


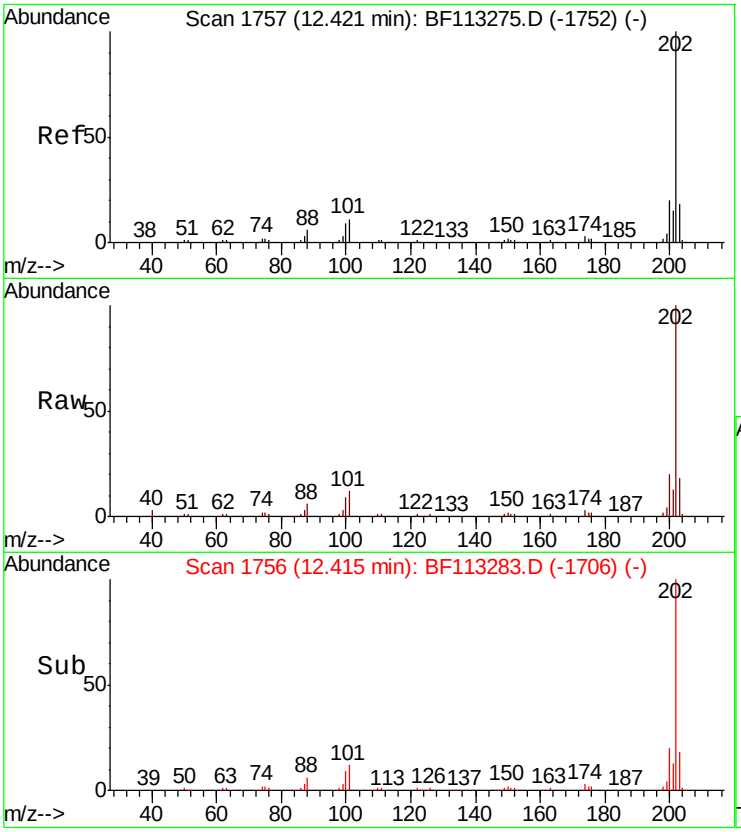


#74
Di-n-butylphthalate
Concen: 9.576 ng
RT: 11.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:149 Resp: 350668

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.2	3.7	5.5



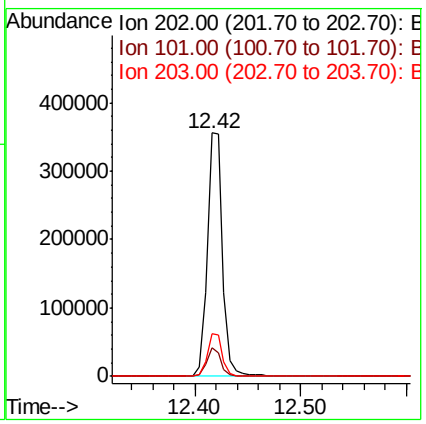


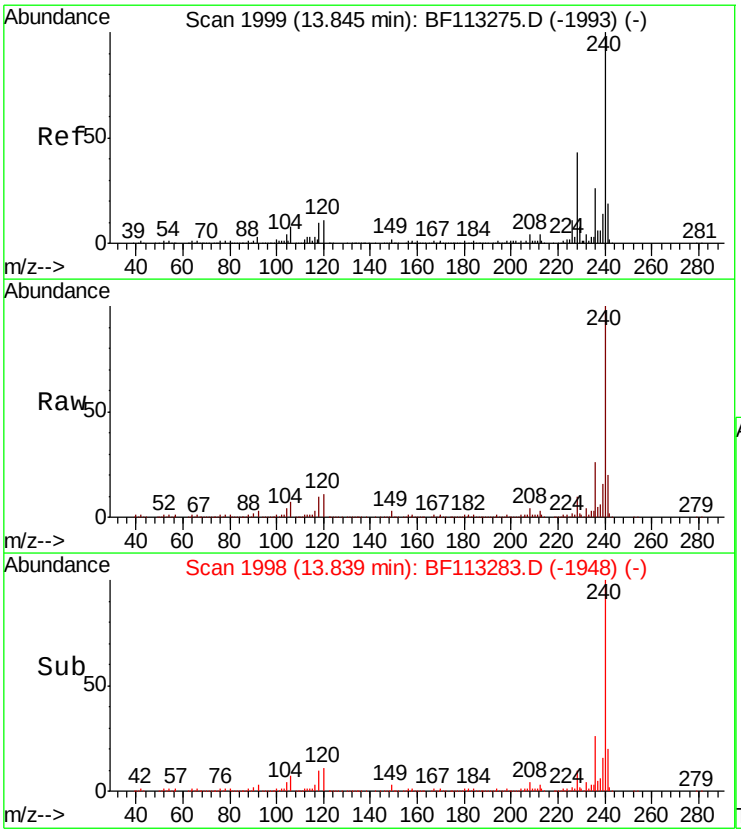
#75
Fluoranthene
Concen: 9.759 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:202 Resp: 359463

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	17.5	0.0	38.0

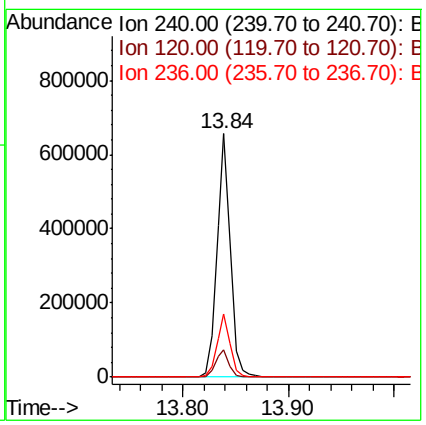


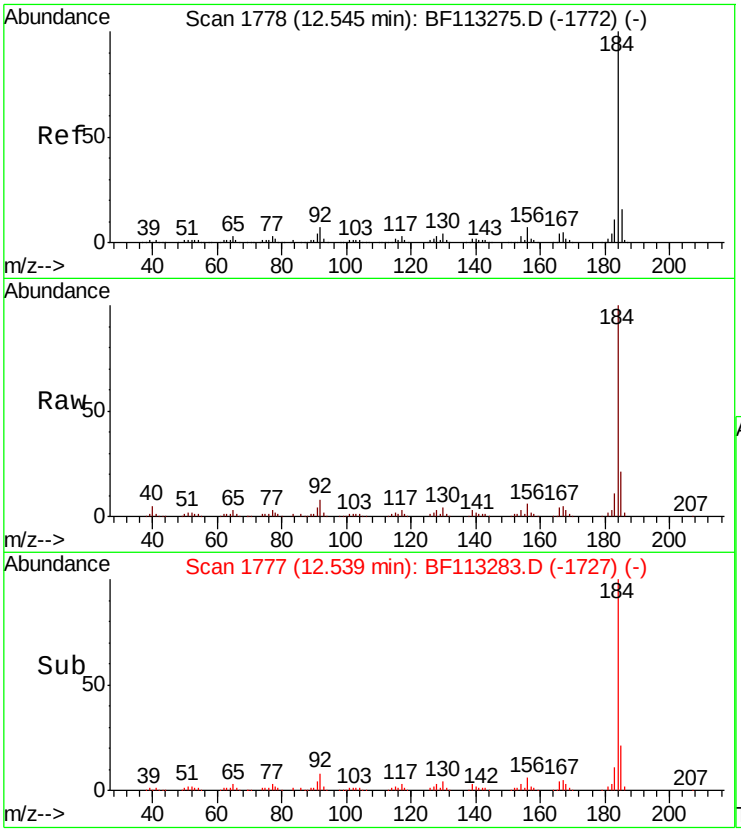


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:240 Resp: 587275

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	25.9	20.9	31.3



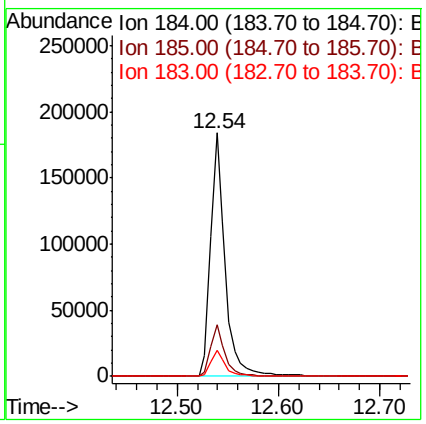


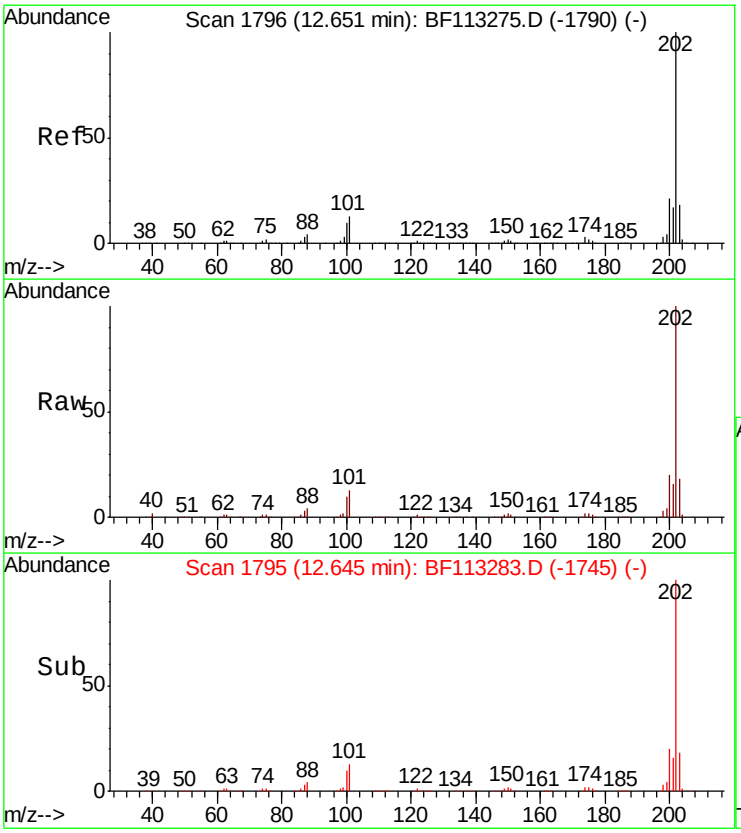
#77
Benzidine
Concen: 8.163 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:184 Resp: 183581

Ion	Ratio	Lower	Upper
184	100		
185	21.0	13.0	19.6#
183	10.8	9.0	13.4

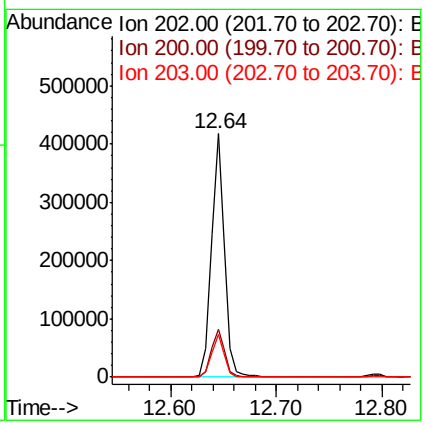


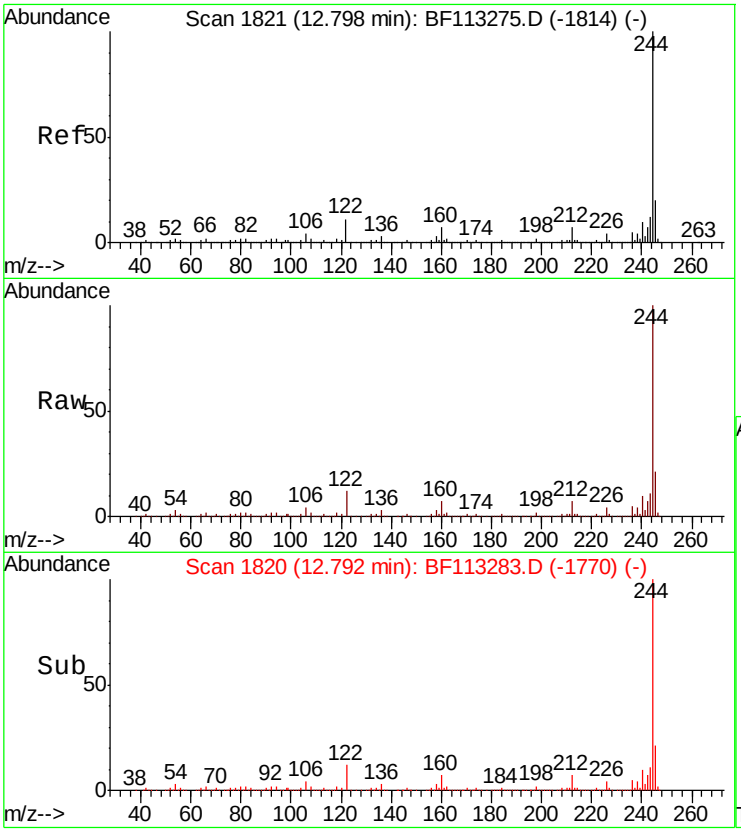


#78
Pyrene
Concen: 9.052 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:202 Resp: 368370

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	17.7	14.4	21.6



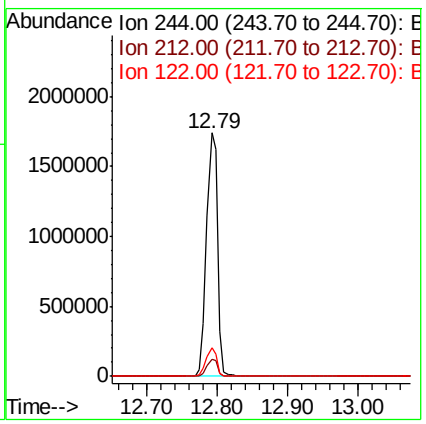


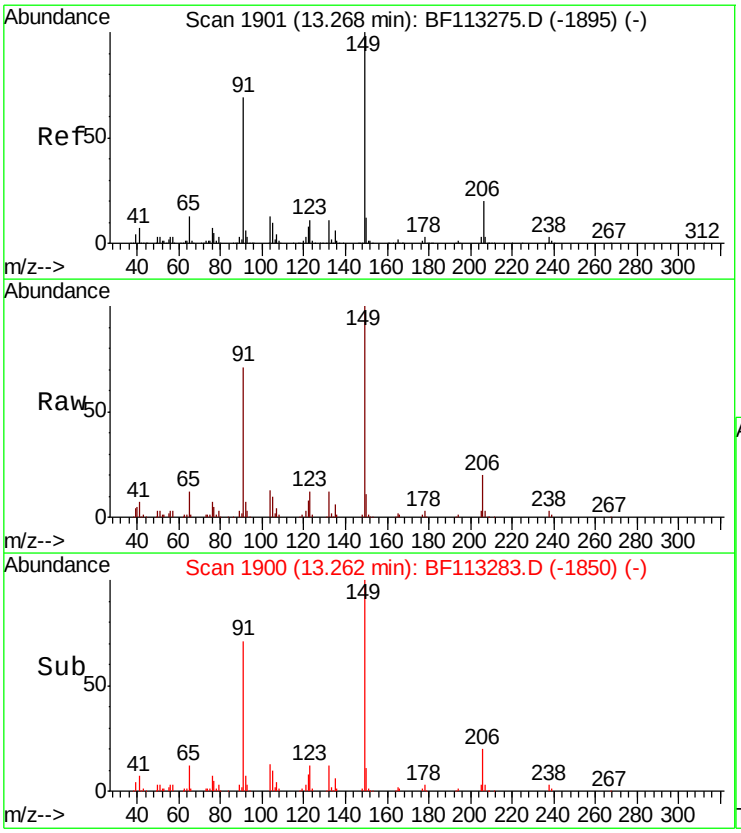
#79
Terphenyl-d14
Concen: 70.851 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:244 Resp: 1887737

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.8	8.6	13.0

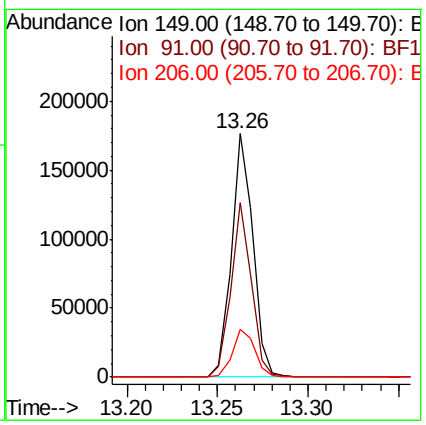


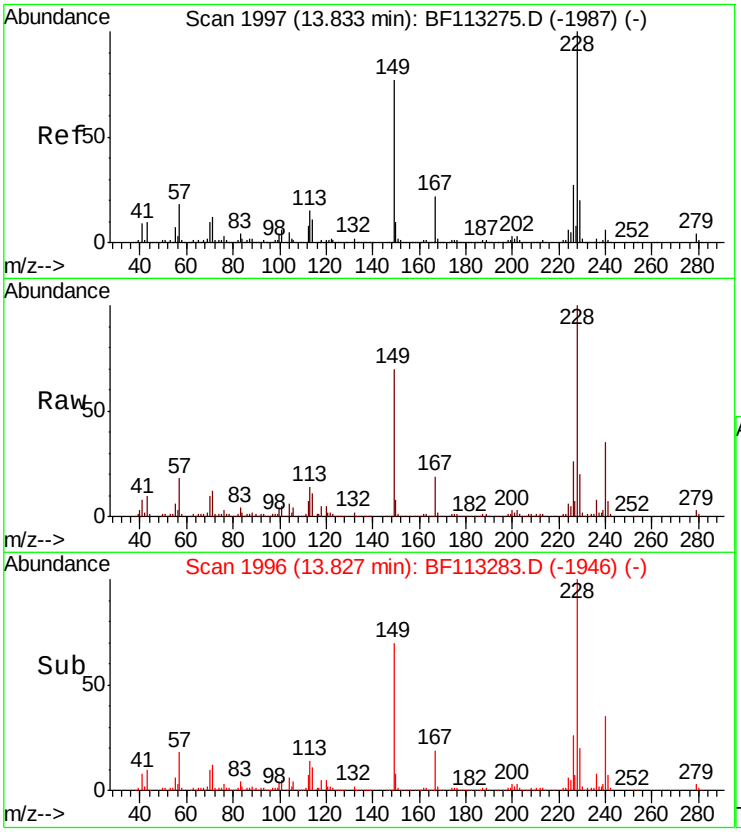


#80
Butylbenzylphthalate
Concen: 8.136 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:149 Resp: 145918

Ion	Ratio	Lower	Upper
149	100		
91	71.5	55.2	82.8
206	19.6	16.1	24.1



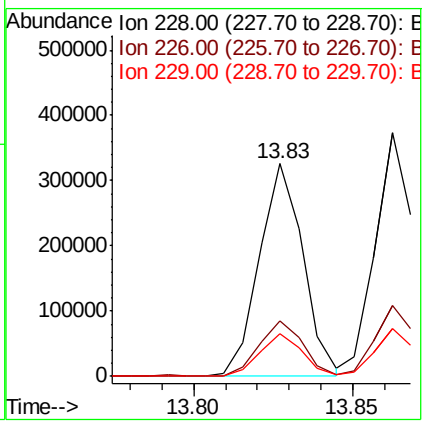


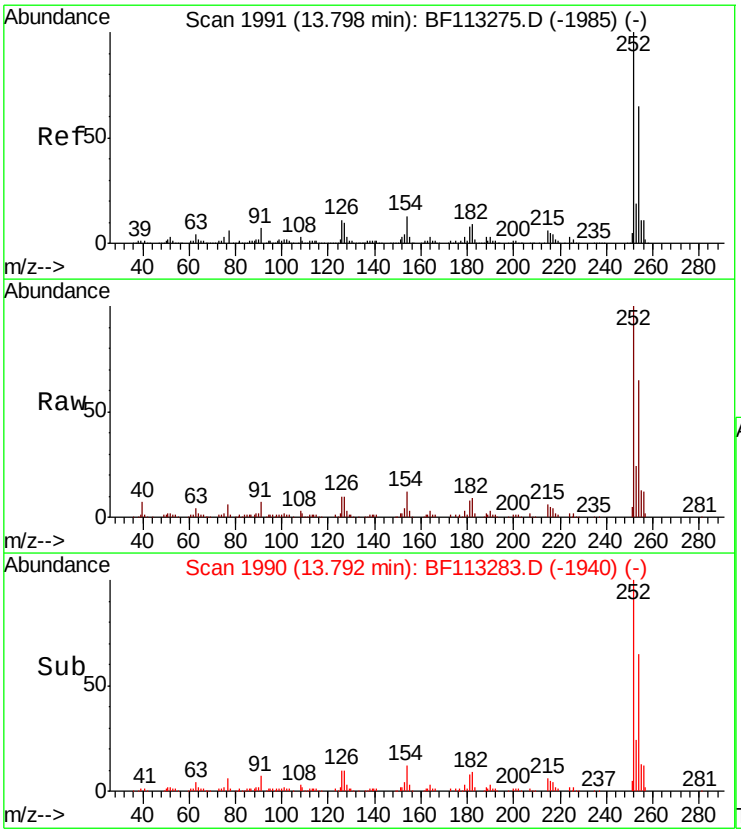
#81
Benzo(a)anthracene
Concen: 9.322 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:228 Resp: 313383

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.8	32.8
229	20.0	16.2	24.4

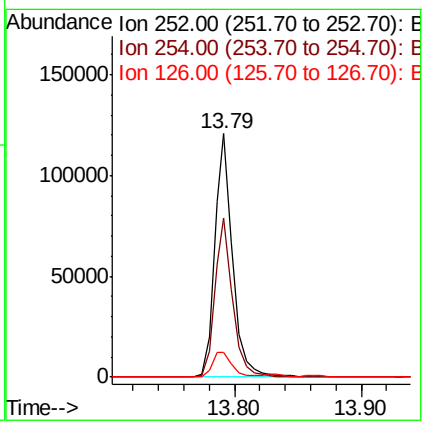


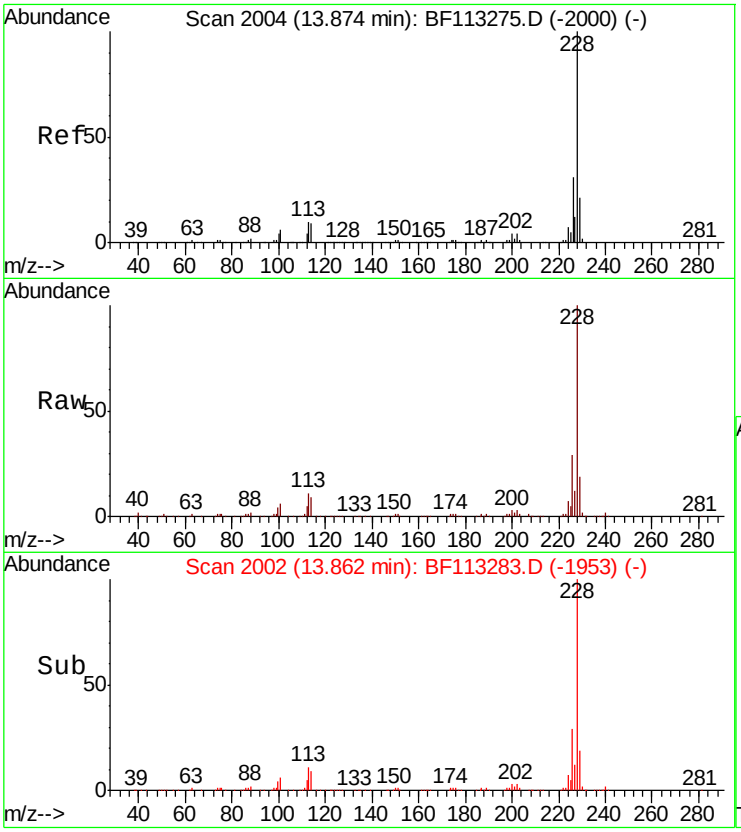


#82
3,3'-Dichlorobenzidine
Concen: 8.813 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:252 Resp: 118848

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.2	78.2
126	10.3	8.5	12.7



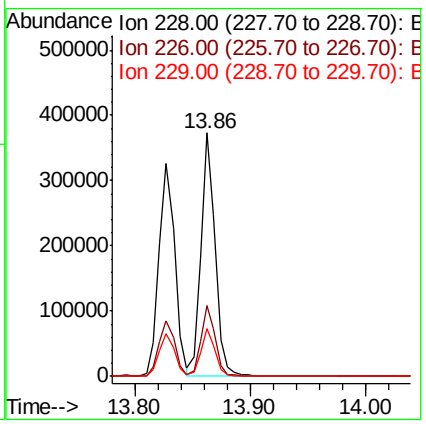


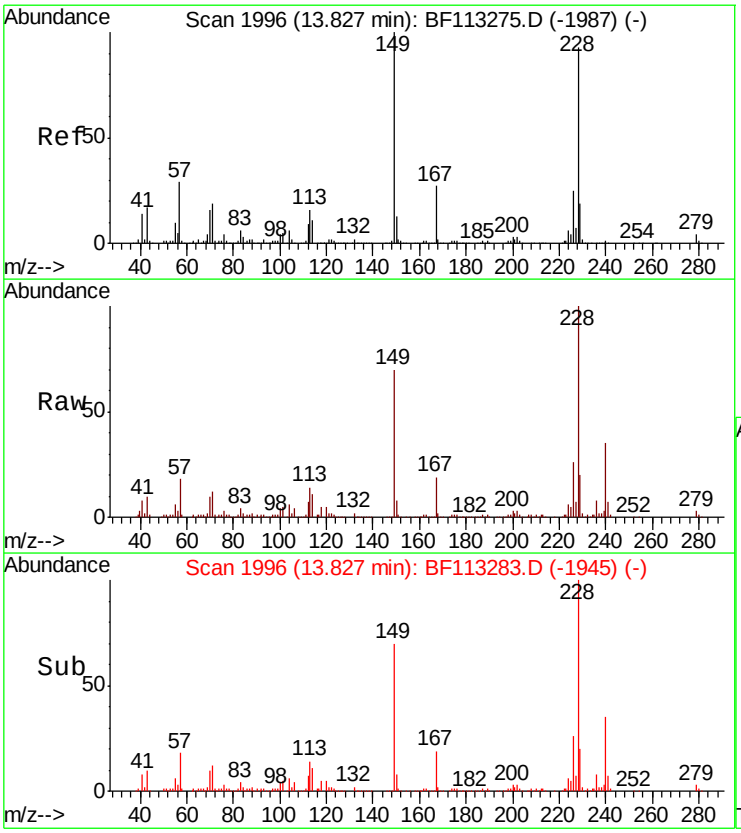
#83
Chrysene
Concen: 9.518 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:228 Resp: 325009

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.3	36.5
229	19.4	16.3	24.5

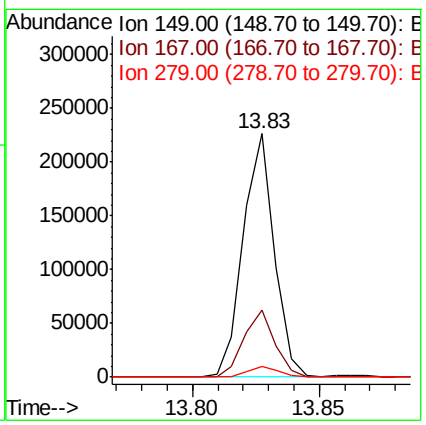


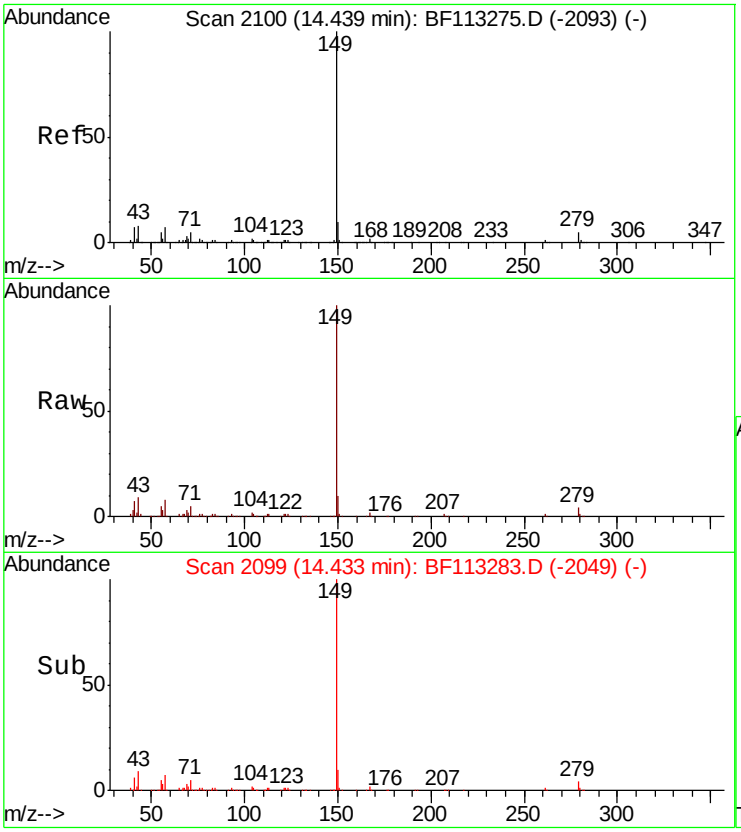


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.822 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:149 Resp: 193969

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.5	2.9	4.3#



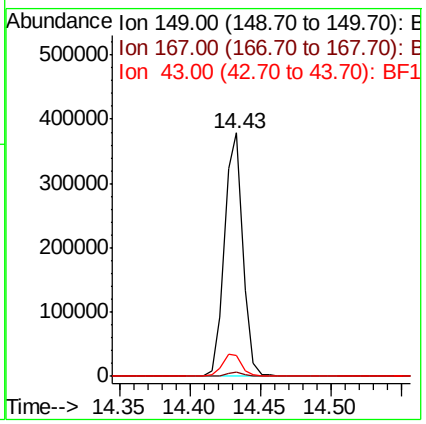


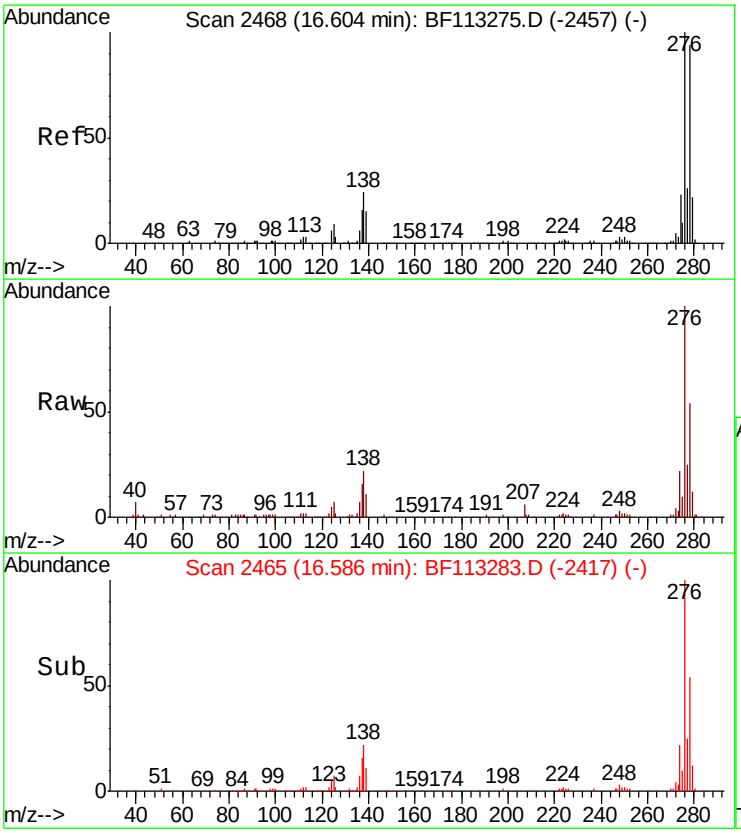
#85
Di-n-octyl phthalate
Concen: 9.175 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:149 Resp: 342432

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.3	7.7	11.5

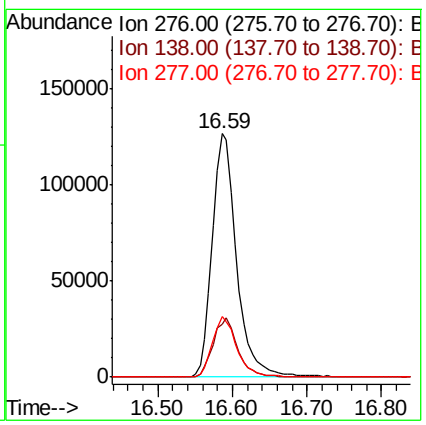


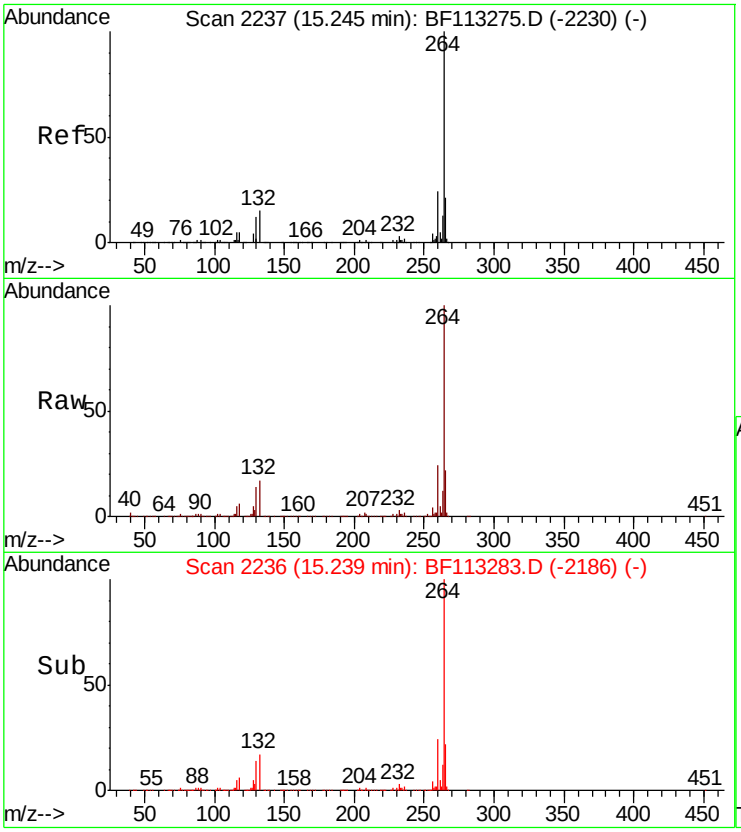


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.779 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:276 Resp: 286559

Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.1	27.1
277	25.0	20.2	30.4



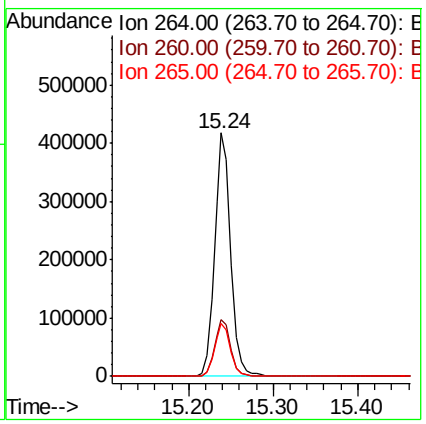


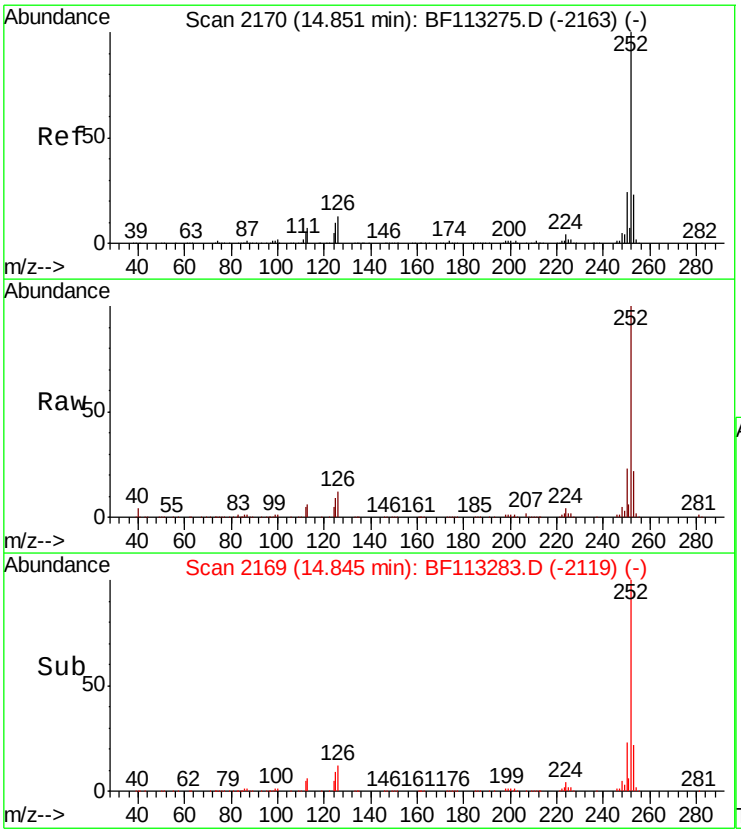
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:264 Resp: 557562

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.0	17.1	25.7

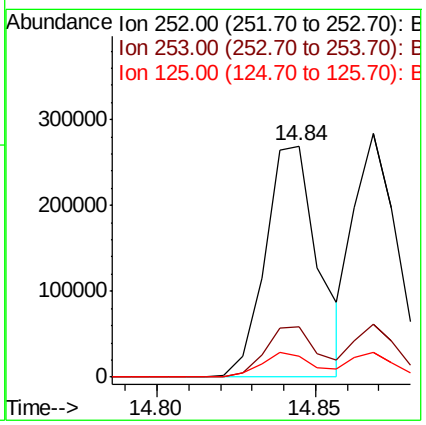


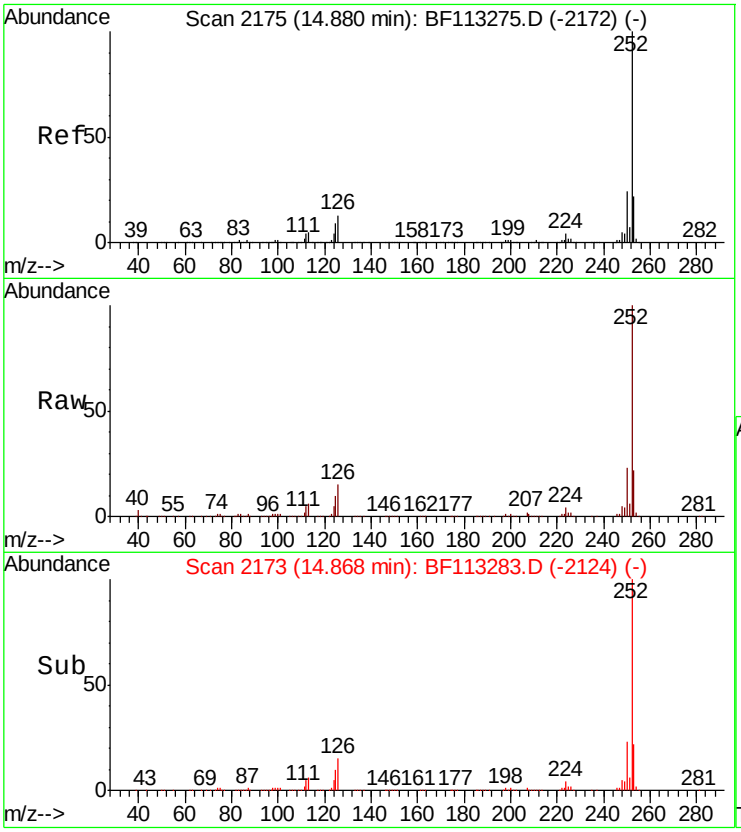


#88
Benzo(b)fluoranthene
Concen: 9.079 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:252 Resp: 314463

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	9.1	7.6	11.4



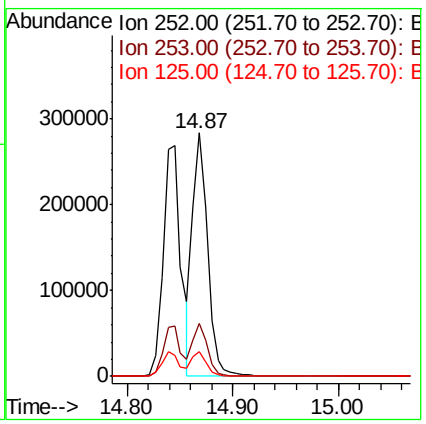


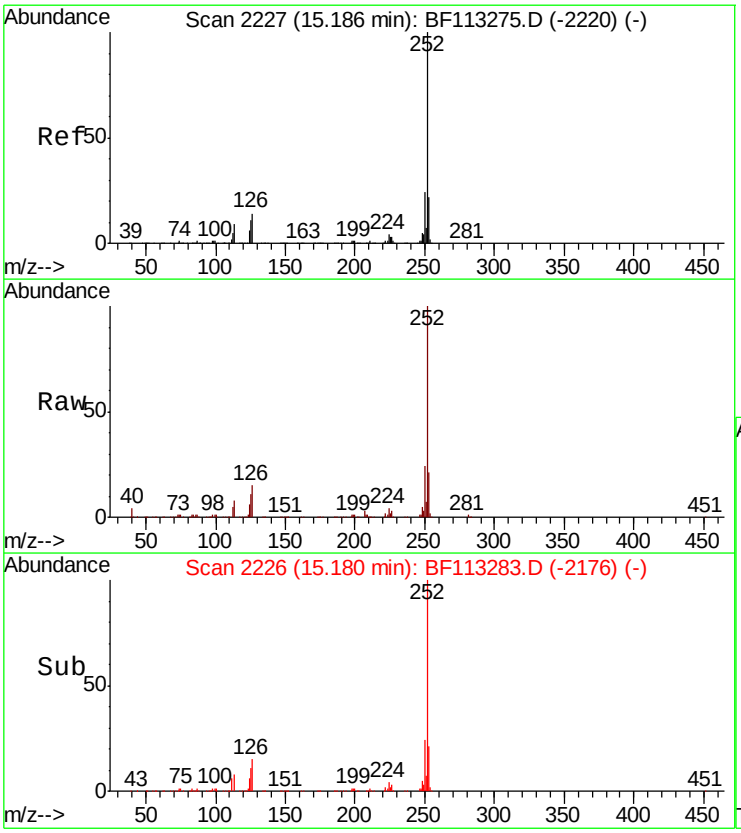
#89
Benzo(k)fluoranthene
Concen: 9.138 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:252 Resp: 277958

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	10.2	7.3	10.9

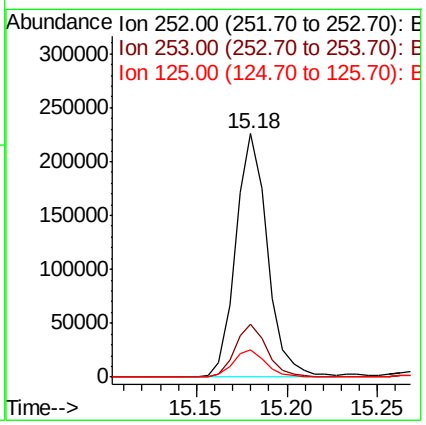


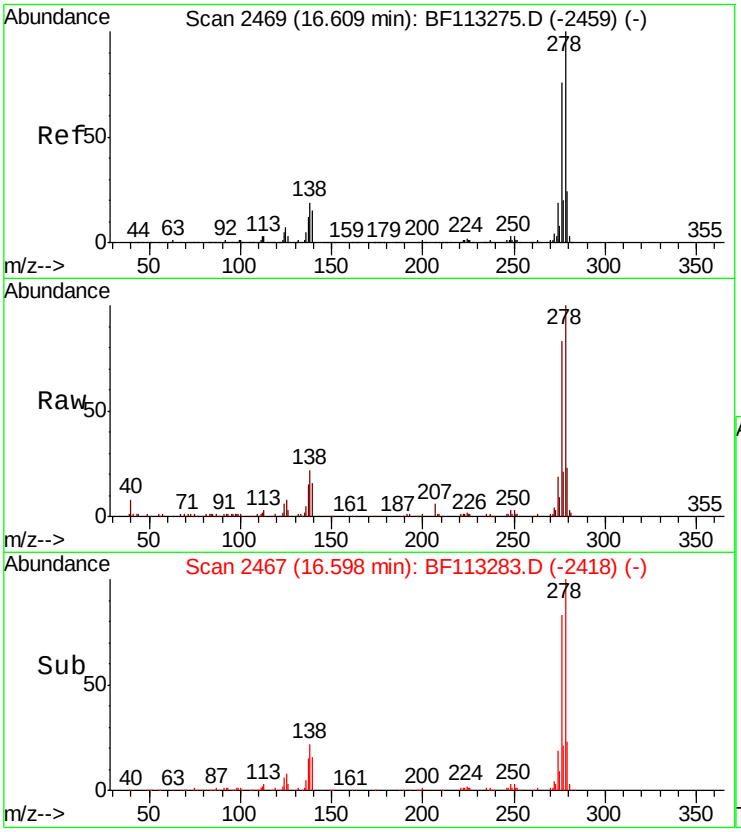


#90
Benzo(a)pyrene
Concen: 8.955 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:252 Resp: 274972

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.2	8.8	13.2



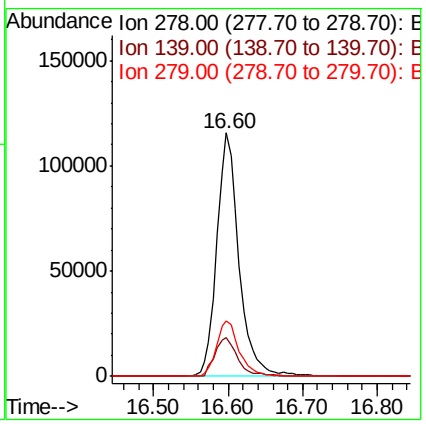


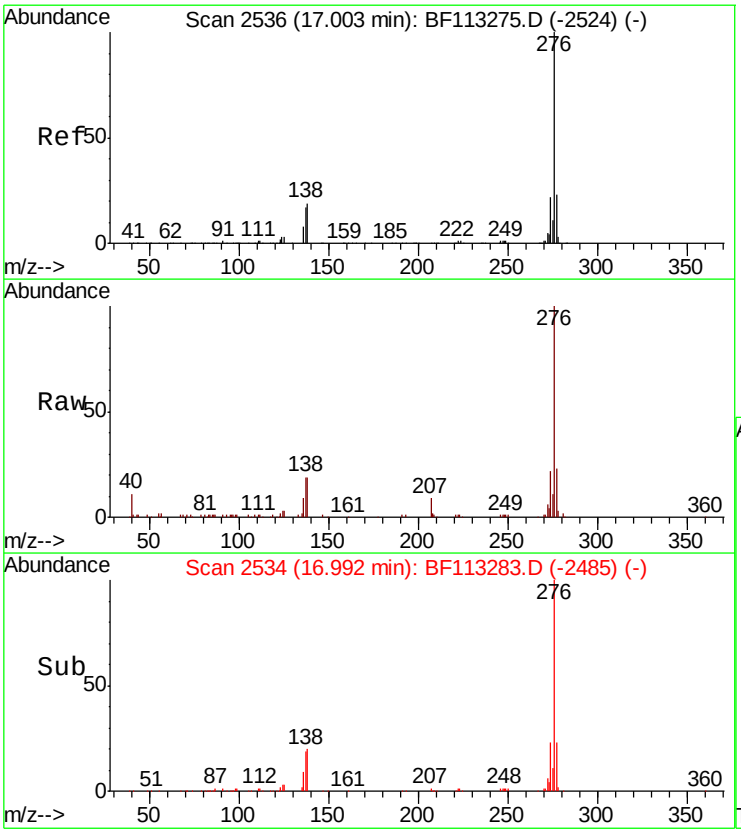
#91
Dibenzo(a,h)anthracene
Concen: 8.988 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

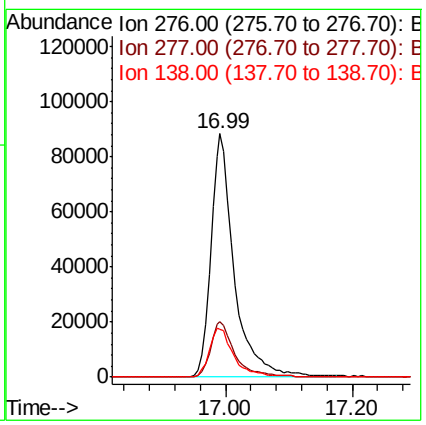
Tgt Ion:278 Resp: 238627

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.0	18.0
279	22.8	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 8.504 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF113283.D
Acq: 25 Mar 2019 17:04

Tgt Ion:276 Resp: 227664

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	19.5	15.6	23.4