Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
Data File : BN004986.D
Acq On : 26 Mar 2019 21:57
Operator : JU/SJ
Sample : K1560-07
Misc : LOD 16 PPM
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 27 07:59:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	10992	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	48035	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	28718	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	65968	20.00	ng	0.00
76) Chrysene-d12	21.27	240	72279	20.00	ng	0.00
87) Perylene-d12	23.51	264	71629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	69278	108.97	ng	0.00
7) Phenol-d6	6.85	99	91606	108.63	ng	0.00
23) Nitrobenzene-d5	8.84	82	53677	67.60	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	55635	120.12	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	145899	67.32	ng	0.00
79) Terphenyl-d14	19.70	244	244816	65.21	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.02	93	14367	13.379	ng	99
9) Benzaldehyde	6.83	77	7677	15.843	ng	96
15) Benzyl Alcohol	7.92	79	8501	13.251	ng	99
32) Benzoic acid	9.76	122	5110	14.298	ng	99
33) 4-Chloroaniline	10.63	127	14471	14.192	ng	99
51) 2,6-Dinitrotoluene	13.91	165	7620	14.193	ng	99
54) 2,4-Dinitrophenol	14.46	184	3052	15.881	ng	100
56) 4-Nitrophenol	14.56	139	5506	12.737	ng	96
65) 4,6-Dinitro-2-methylphenol	15.47	198	5325	14.367	ng	99
70) Pentachlorophenol	16.73	266	5790	11.418	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
Data File : BN004986.D
Acq On : 26 Mar 2019 21:57
Operator : JU/SJ
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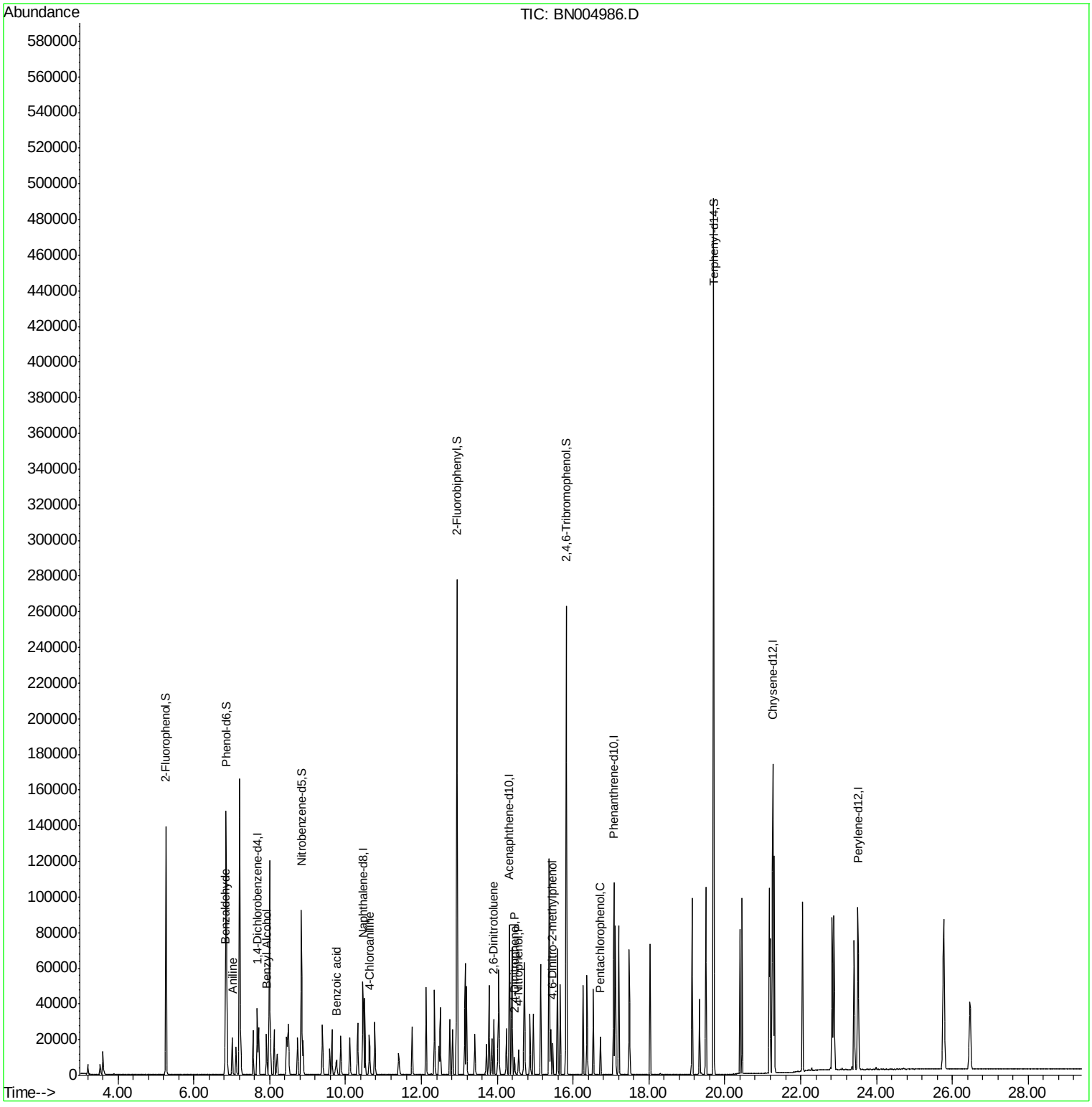
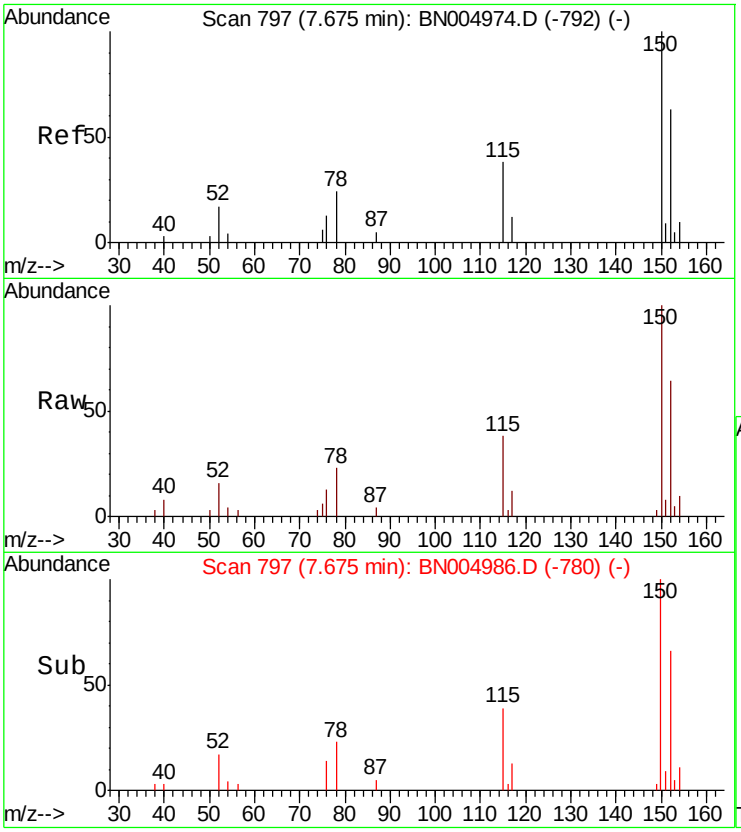
Misc : LOD 16 PPM
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 27 07:59:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration



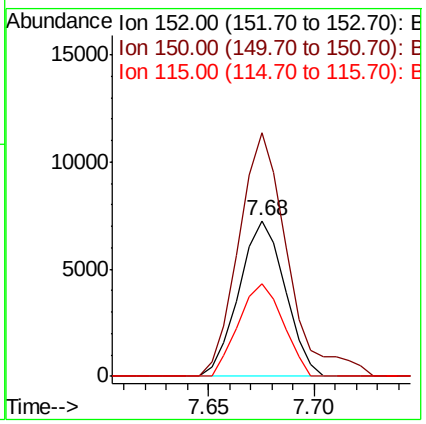


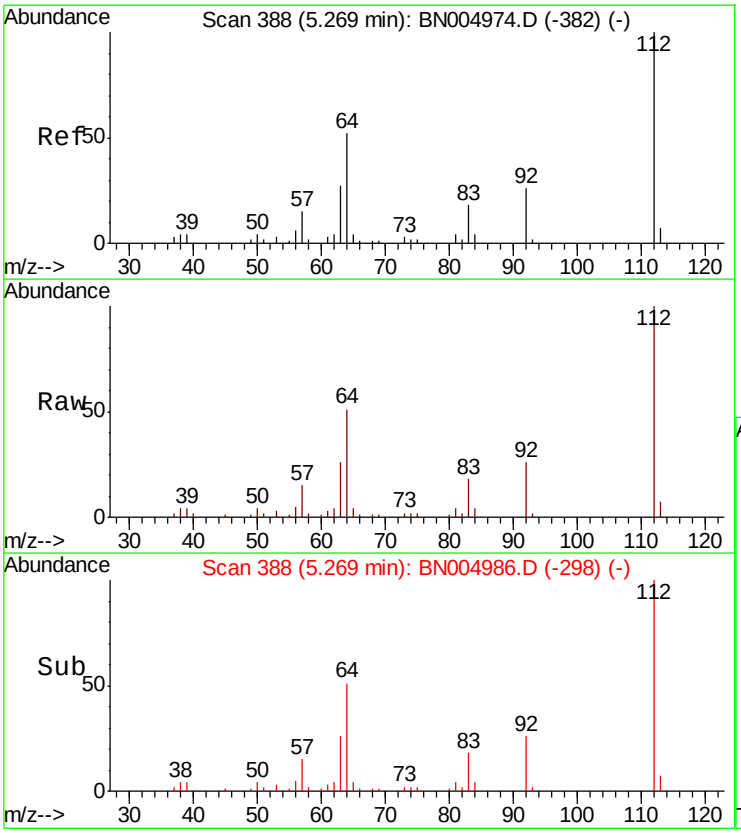
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion:152 Resp: 10992

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.9	190.3
115	59.2	47.8	71.6

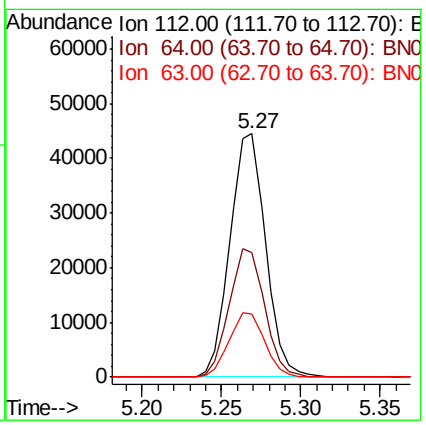


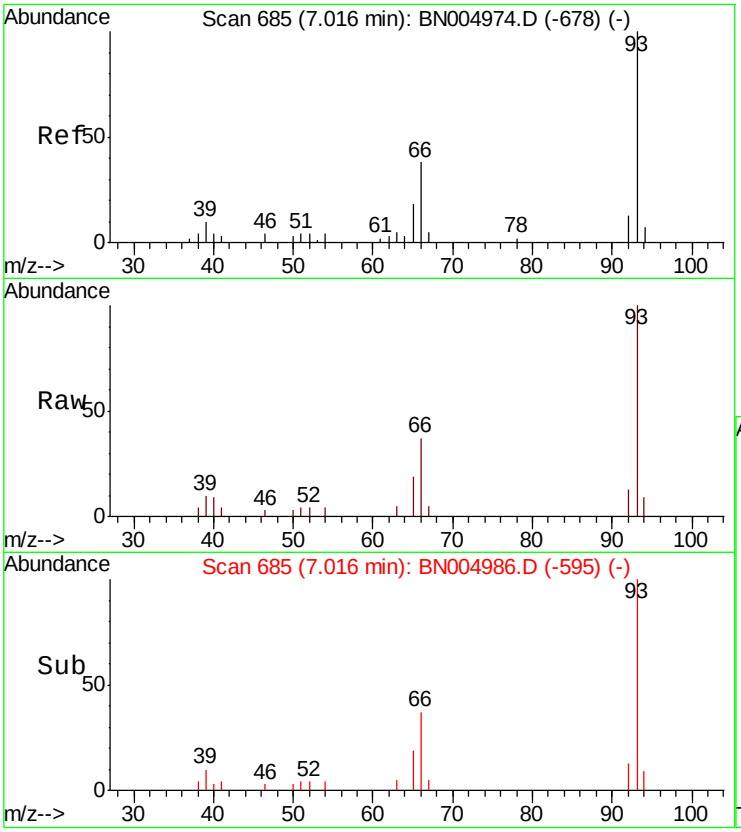


#5
2-Fluorophenol
Concen: 108.965 ng
RT: 5.27 min Scan# 388
Delta R.T. 0.00 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion:112 Resp: 69278

Ion	Ratio	Lower	Upper
112	100		
64	51.3	41.9	62.9
63	26.0	21.4	32.0



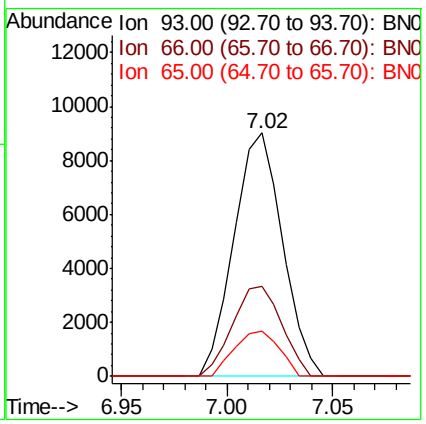


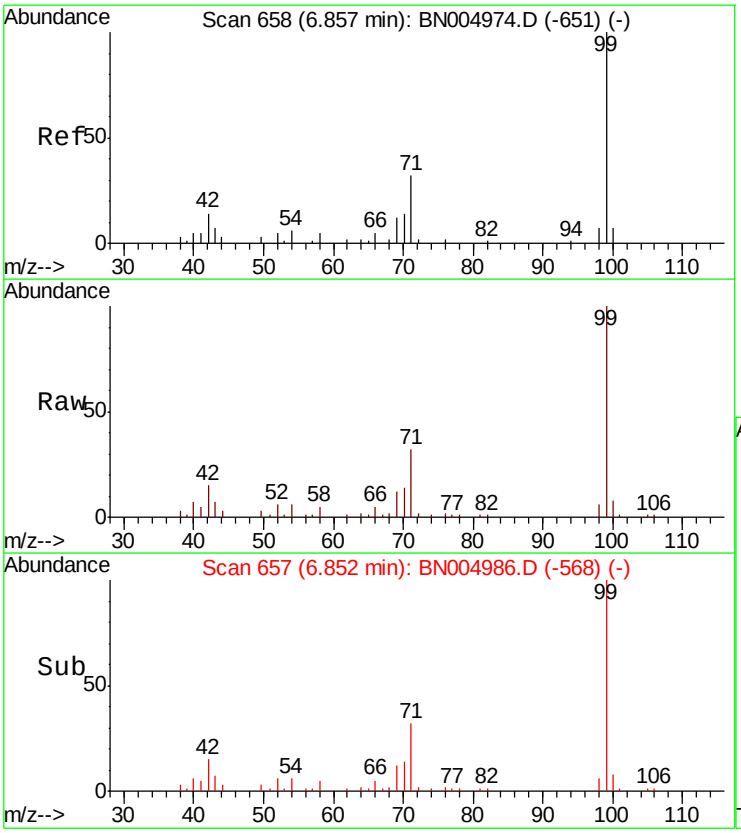
#6
Aniline
Concen: 13.379 ng
RT: 7.02 min Scan# 685
Delta R.T. 0.00 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion: 93 Resp: 14367

Ion	Ratio	Lower	Upper
93	100		
66	37.2	30.2	45.4
65	18.6	14.7	22.1

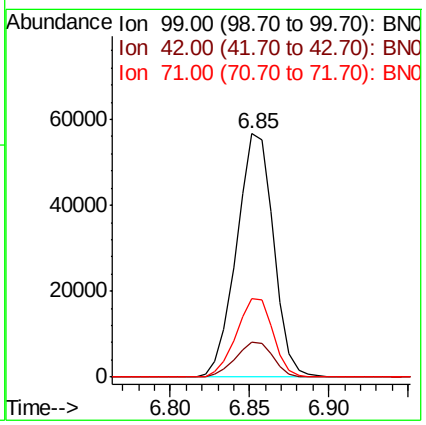


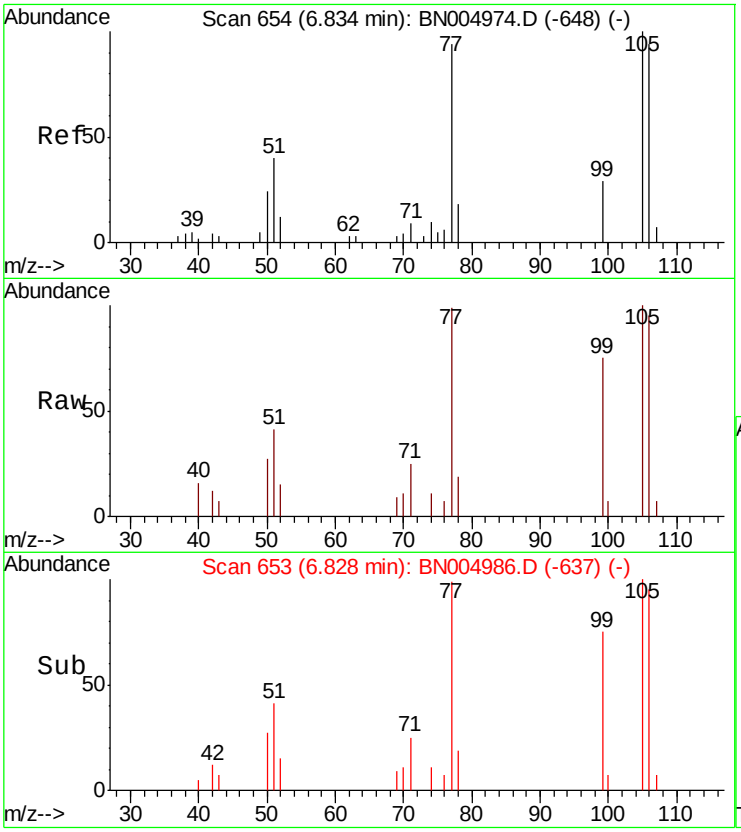


#7
Phenol-d6
Concen: 108.633 ng
RT: 6.85 min Scan# 657
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion: 99 Resp: 91606

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.4	17.0
71	32.3	25.8	38.8



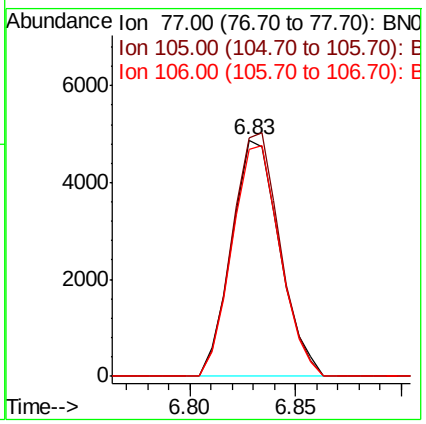


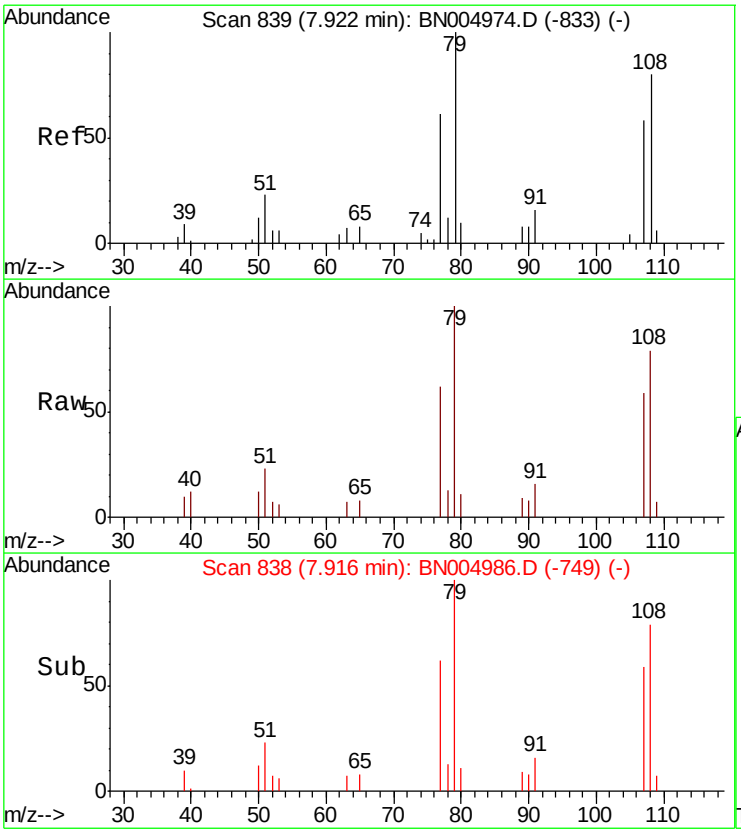
#9
Benzaldehyde
Concen: 15.843 ng
RT: 6.83 min Scan# 653
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion: 77 Resp: 7677

Ion	Ratio	Lower	Upper
77	100		
105	101.1	86.1	126.1
106	96.2	79.9	119.9

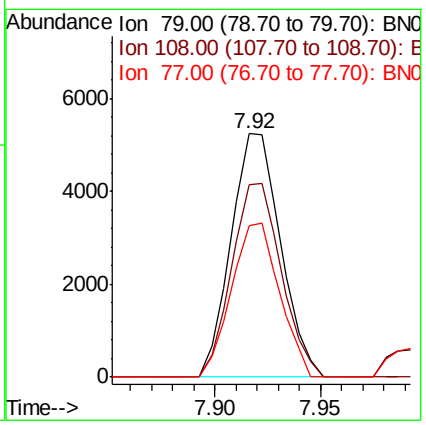


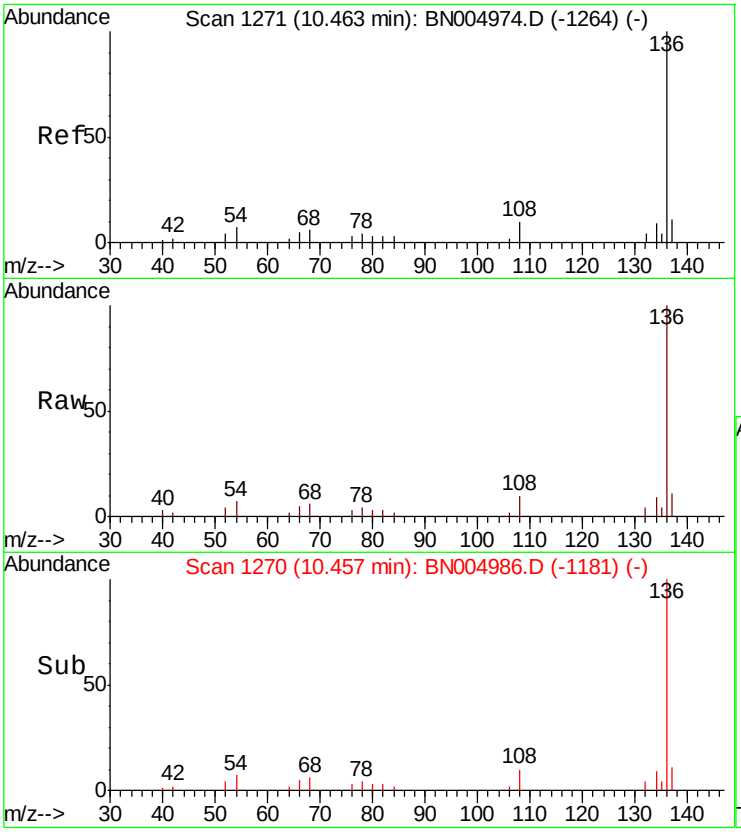


#15
Benzyl Alcohol
Concen: 13.251 ng
RT: 7.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion: 79 Resp: 8501

Ion	Ratio	Lower	Upper
79	100		
108	79.2	64.0	96.0
77	62.1	48.8	73.2



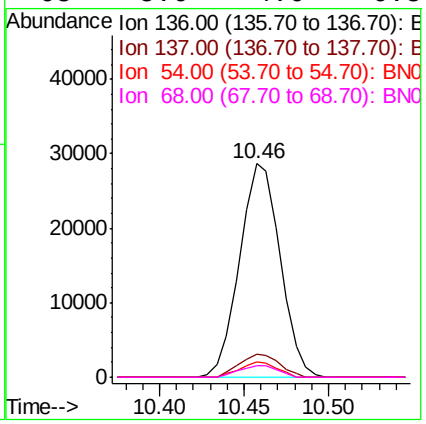


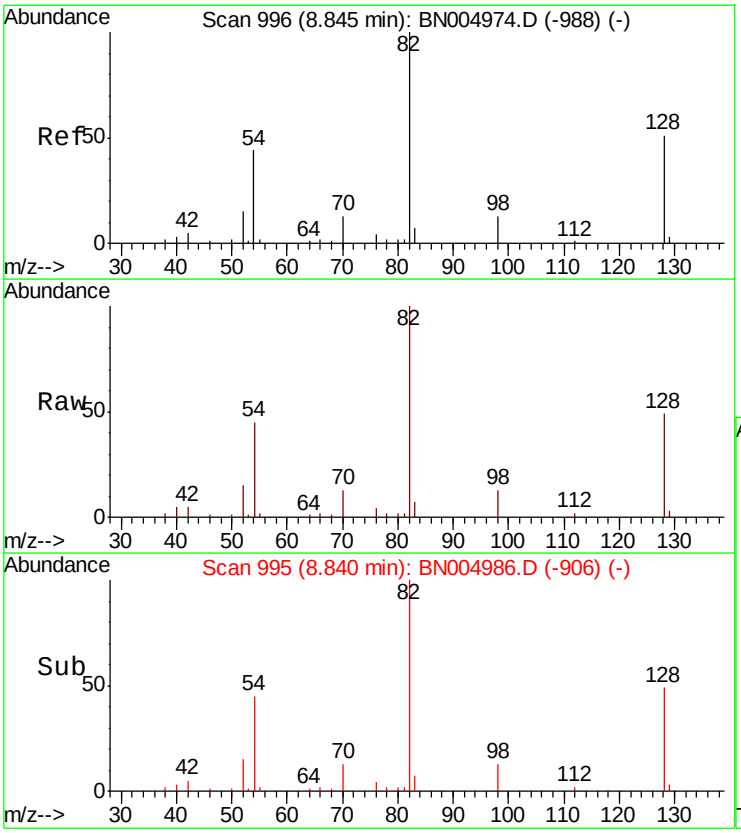
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion:136 Resp: 48035

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	5.3	7.9
68	5.6	4.6	6.8

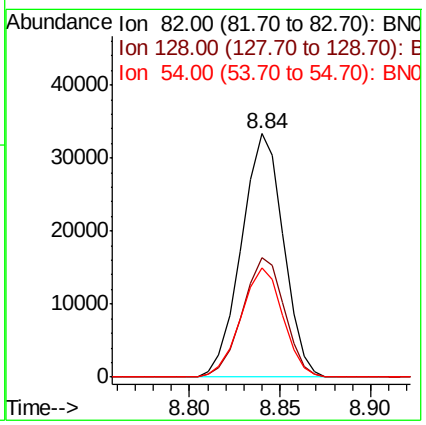


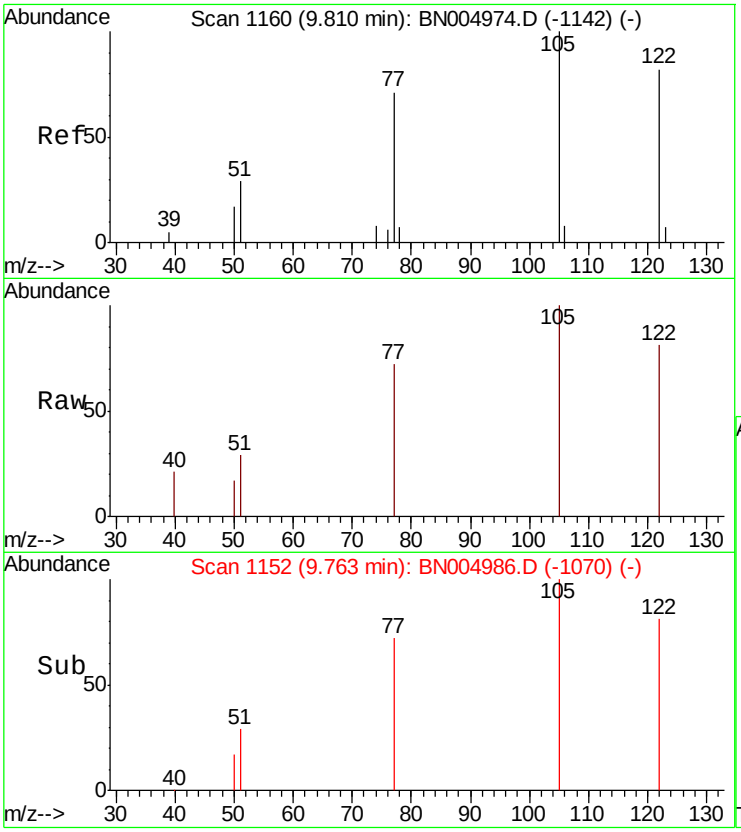


#23
Nitrobenzene-d5
Concen: 67.597 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion: 82 Resp: 53677

Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	60.8
54	44.8	35.2	52.8



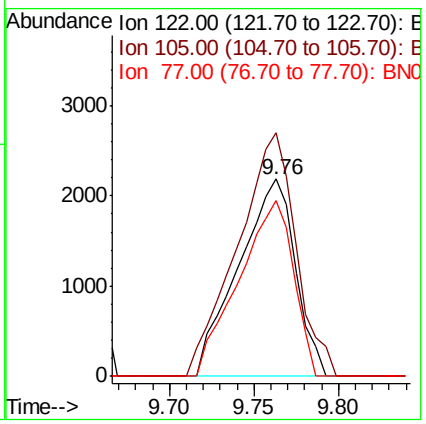


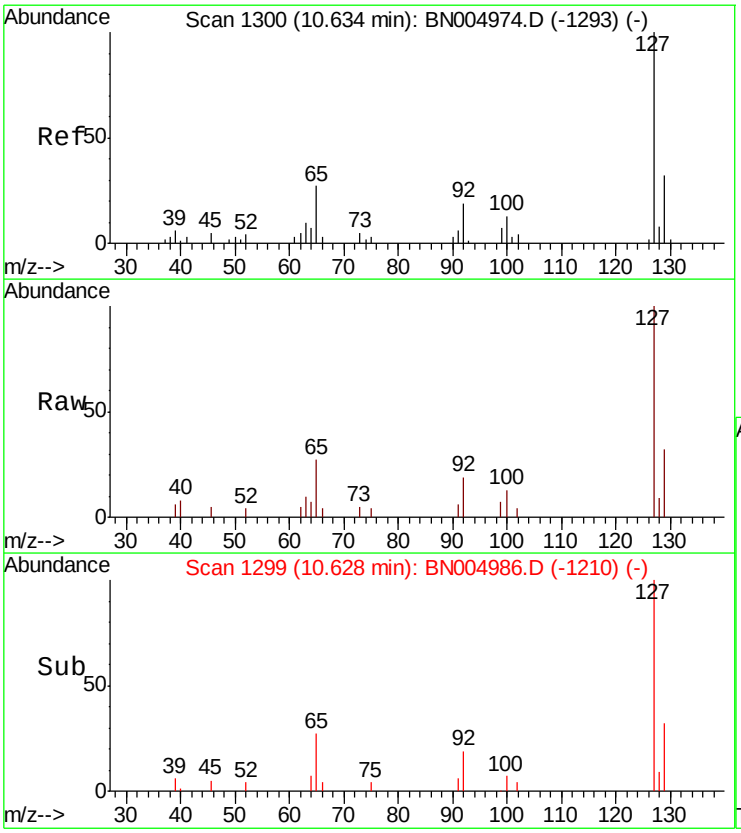
#32
Benzoic acid
Concen: 14.298 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.05 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion:122 Resp: 5110

Ion	Ratio	Lower	Upper
122	100		
105	123.4	102.4	142.4
77	89.1	67.1	107.1

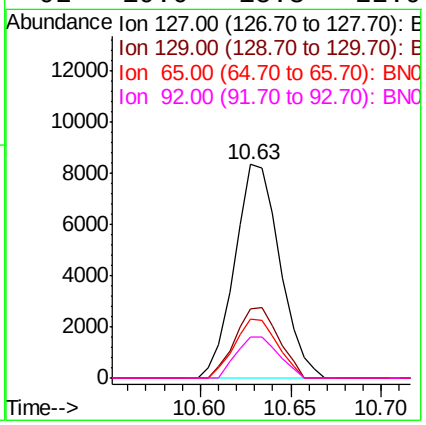


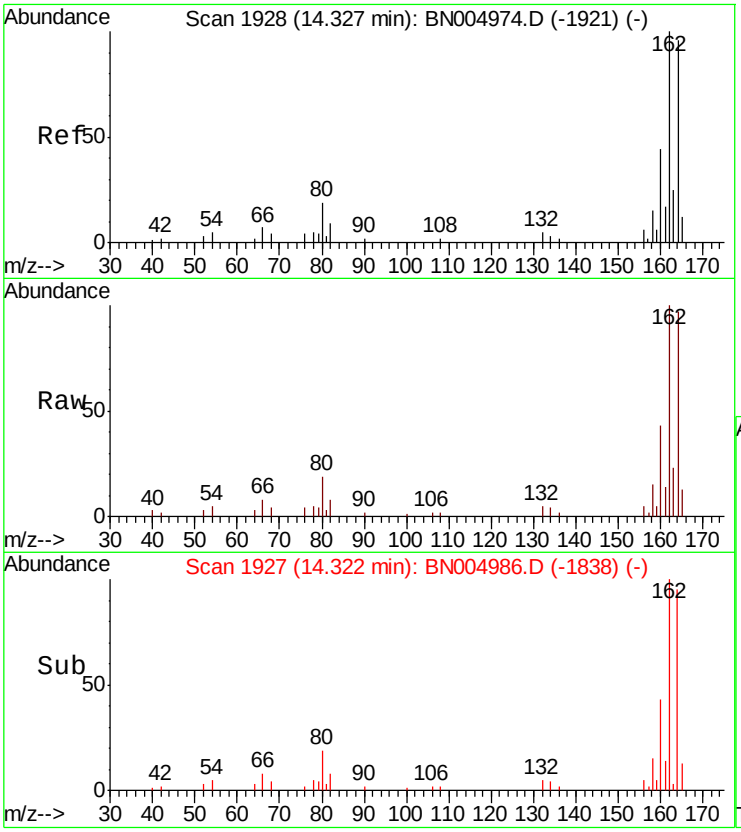


#33
4-Chloroaniline
Concen: 14.192 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion:127 Resp: 14471

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	27.3	21.4	32.0
92	19.0	15.3	22.9



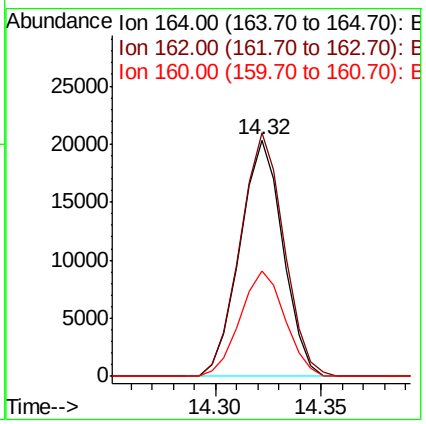


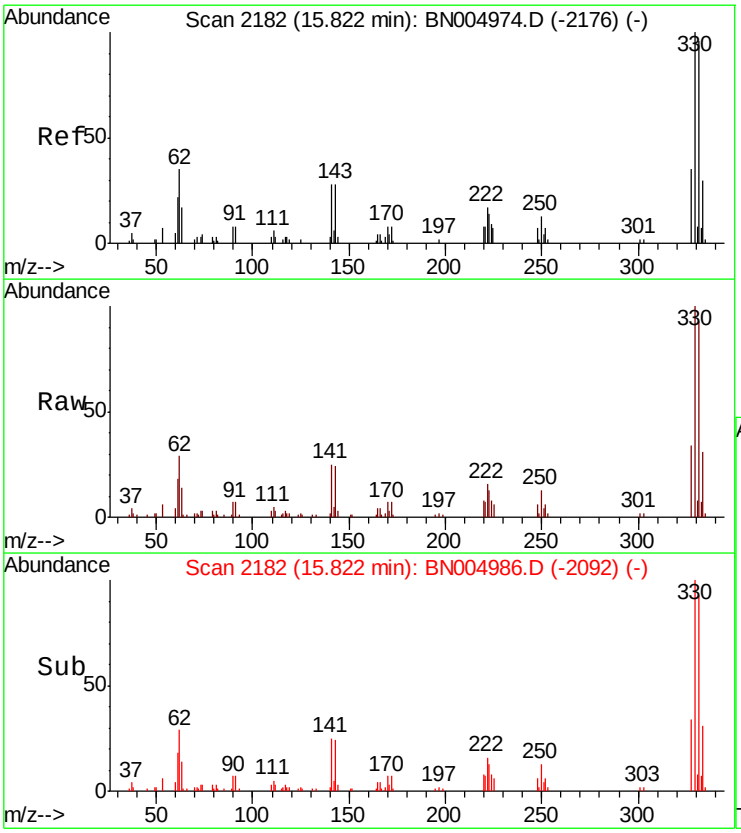
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion:164 Resp: 28718

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.4	125.0
160	44.8	36.6	55.0

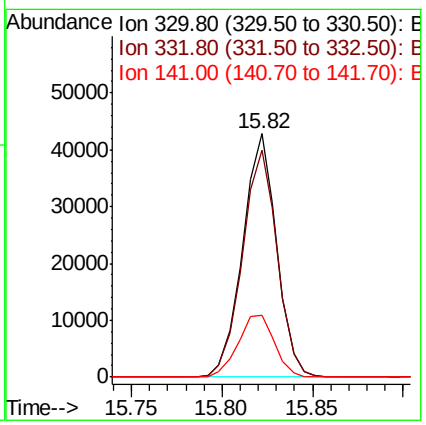


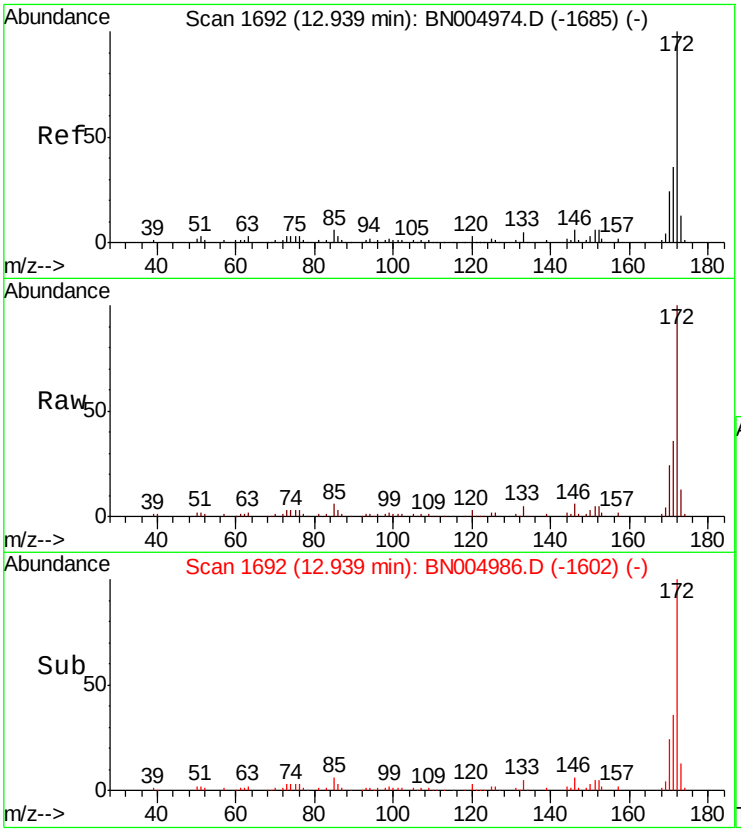


#42
2,4,6-Tribromophenol
Concen: 120.118 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion:330 Resp: 55635

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.0
141	27.4	22.1	33.1



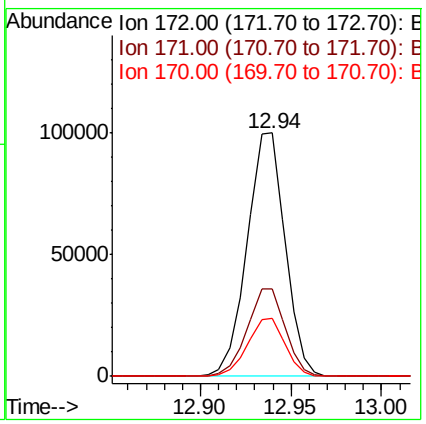


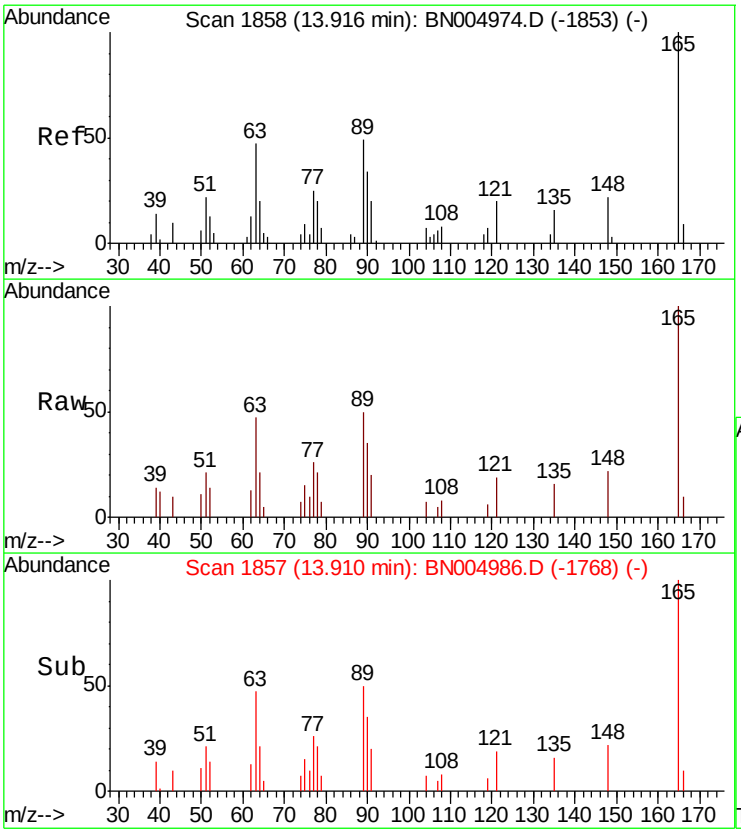
#45
2-Fluorobiphenyl
Concen: 67.322 ng
RT: 12.94 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion:172 Resp: 145899

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.6	18.9	28.3

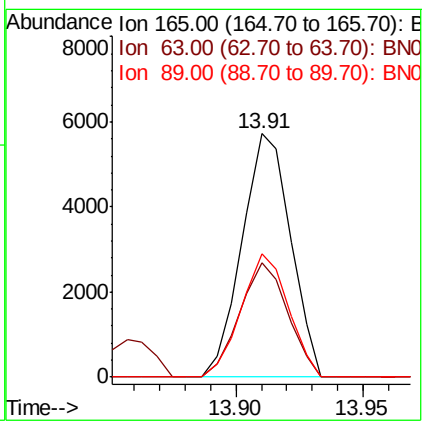


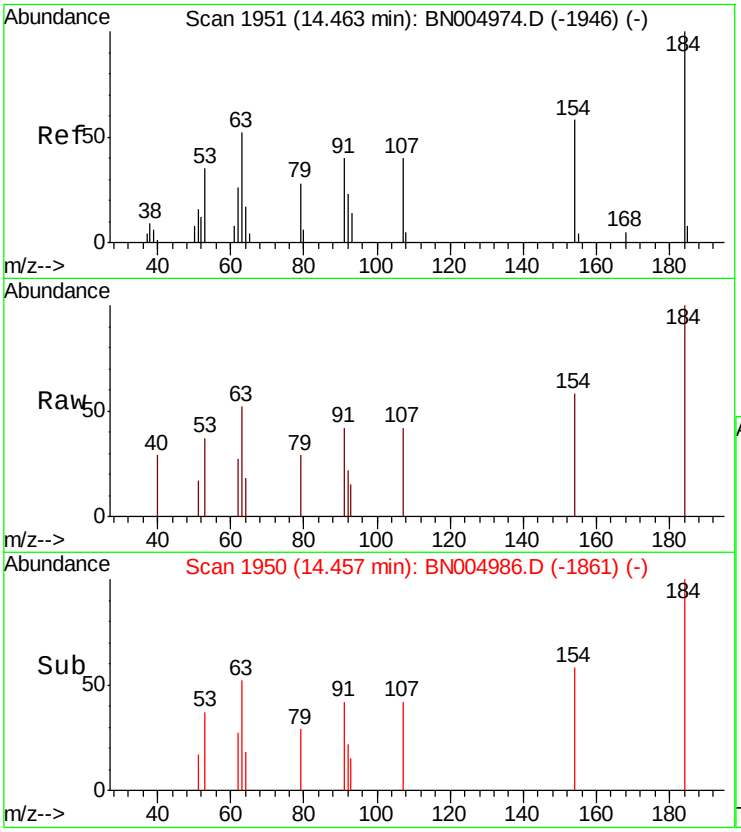


#51
2,6-Dinitrotoluene
Concen: 14.193 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion:165 Resp: 7620

Ion	Ratio	Lower	Upper
165	100		
63	47.0	37.3	55.9
89	50.5	39.2	58.8



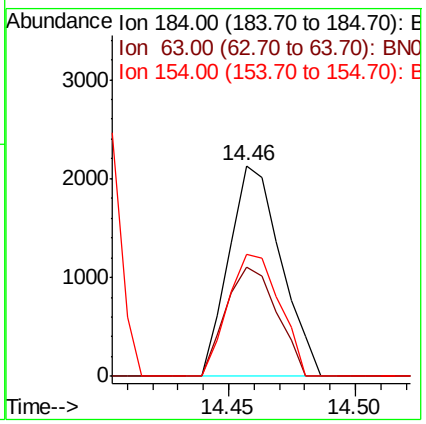


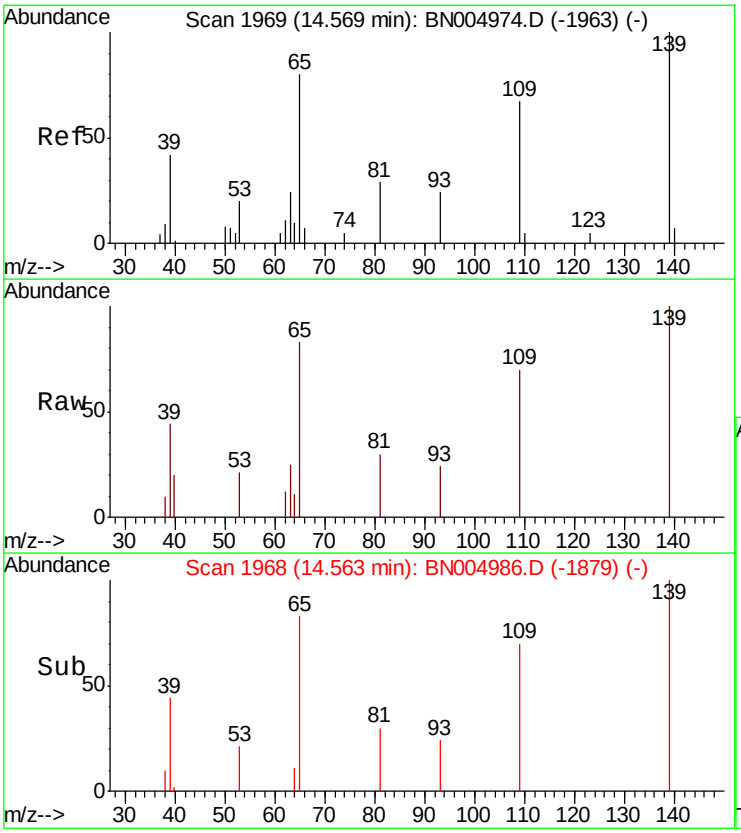
#54
2,4-Dinitrophenol
Concen: 15.881 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion:184 Resp: 3052

Ion	Ratio	Lower	Upper
184	100		
63	51.9	41.6	62.4
154	58.3	46.8	70.2

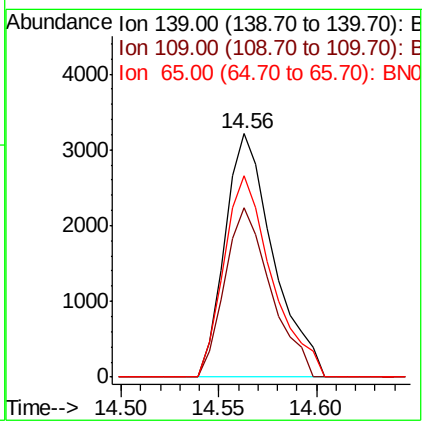


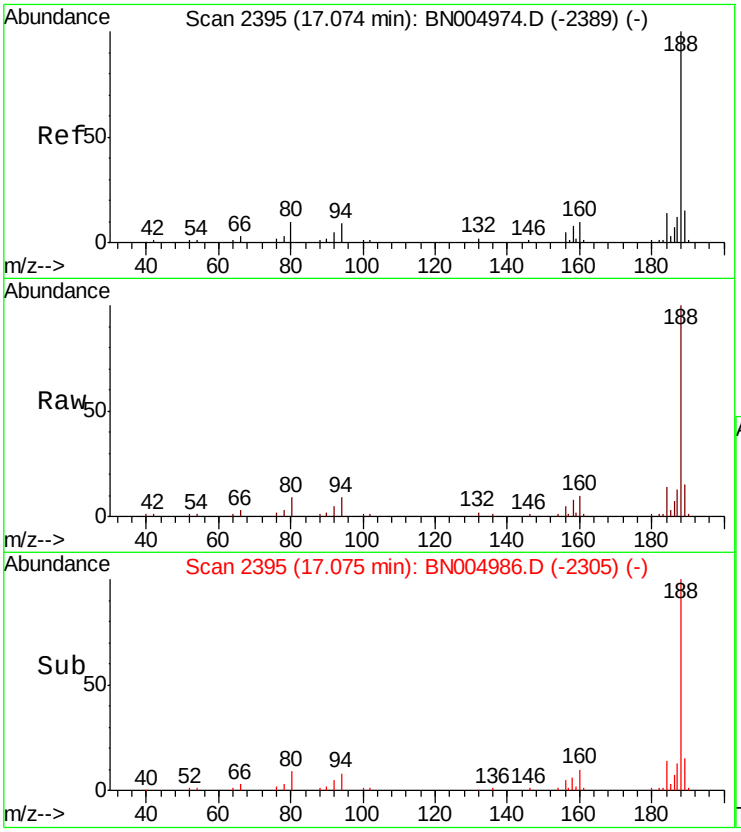


#56
4-Nitrophenol
Concen: 12.737 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion:139 Resp: 5506

Ion	Ratio	Lower	Upper
139	100		
109	69.6	46.5	86.5
65	82.9	59.5	99.5



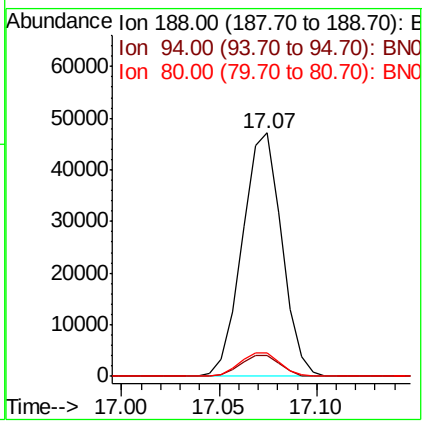


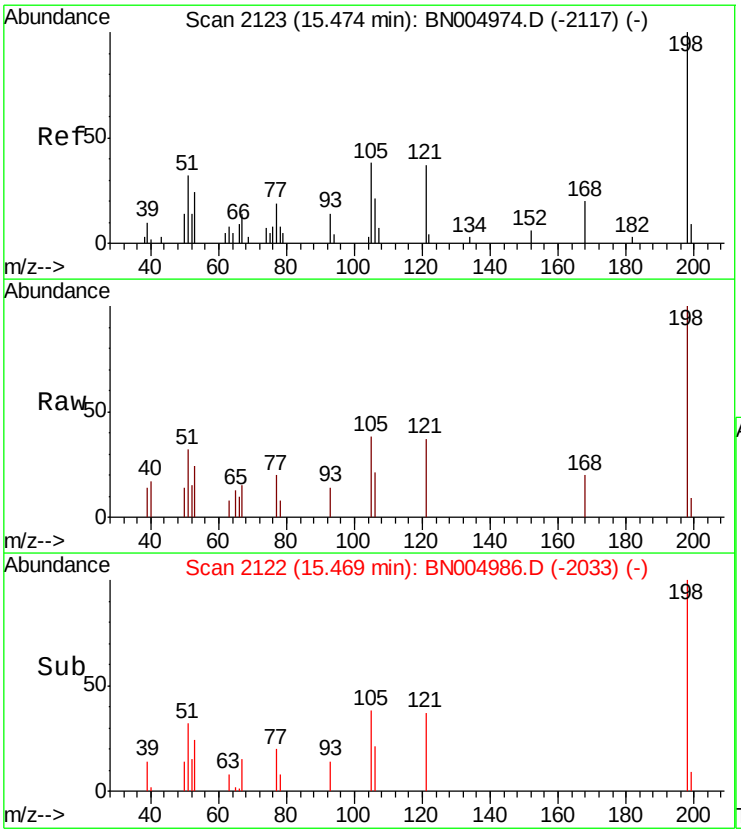
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion:188 Resp: 65968

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.4	7.8	11.6

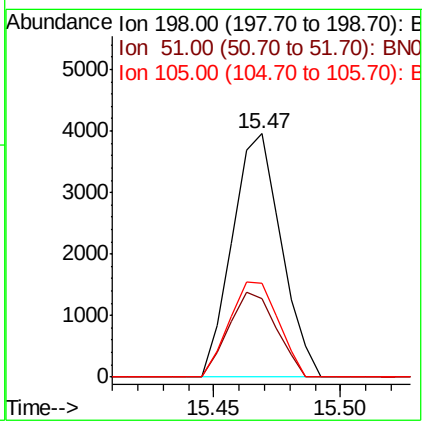


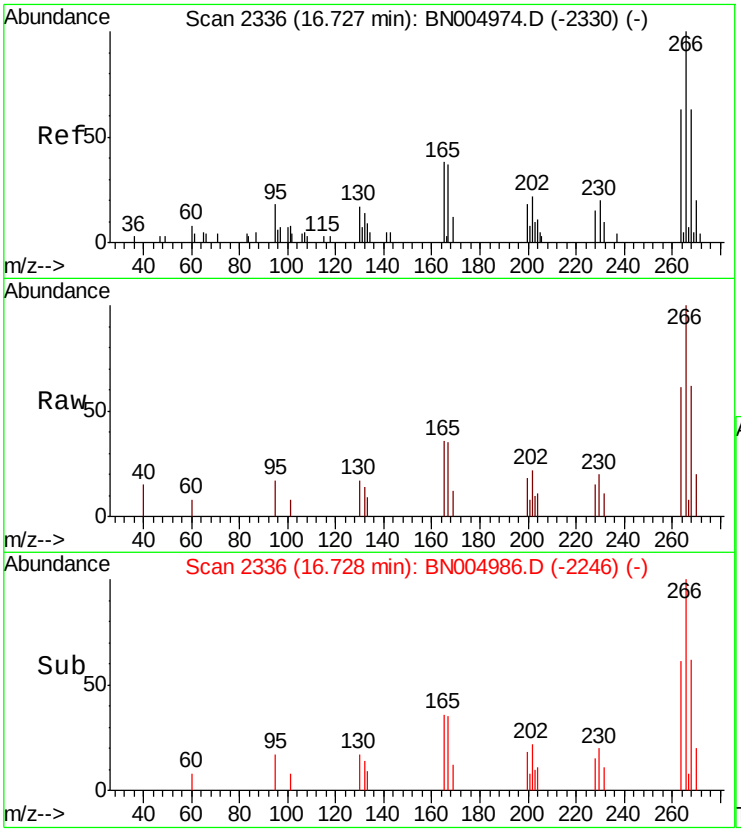


#65
4,6-Dinitro-2-methylphenol
Concen: 14.367 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion:198 Resp: 5325

Ion	Ratio	Lower	Upper
198	100		
51	32.1	12.0	52.0
105	38.5	17.6	57.6



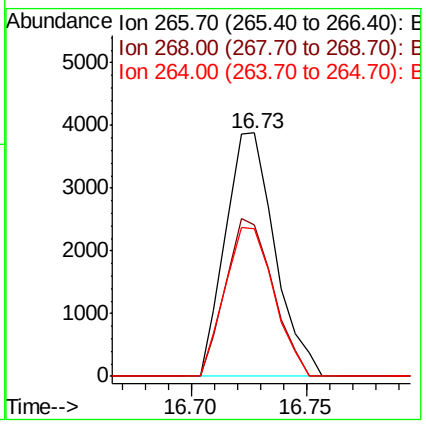


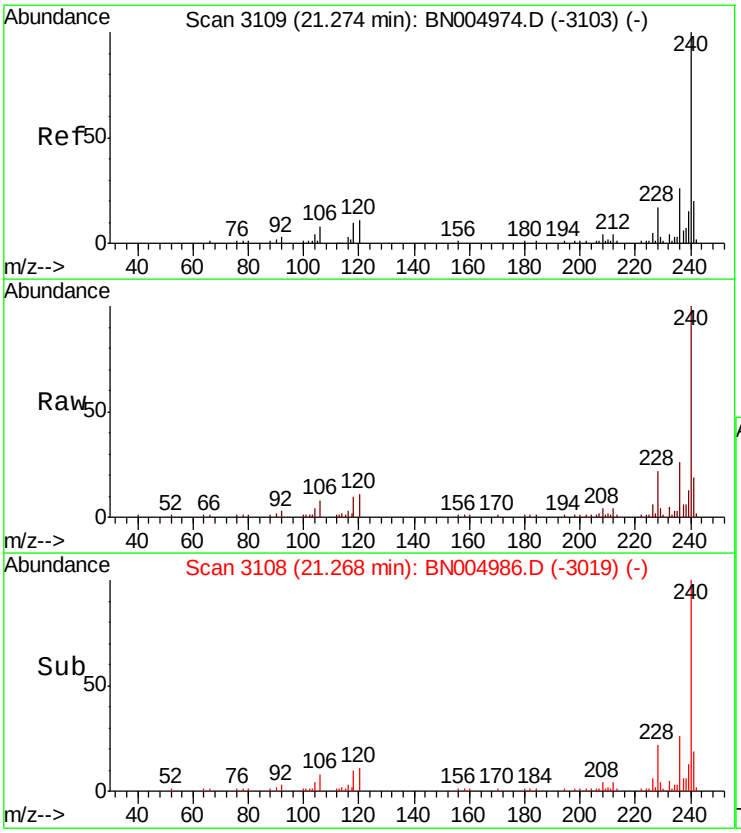
#70
Pentachlorophenol
Concen: 11.418 ng
RT: 16.73 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion:266 Resp: 5790

Ion	Ratio	Lower	Upper
266	100		
268	62.3	50.8	76.2
264	60.6	50.0	75.0

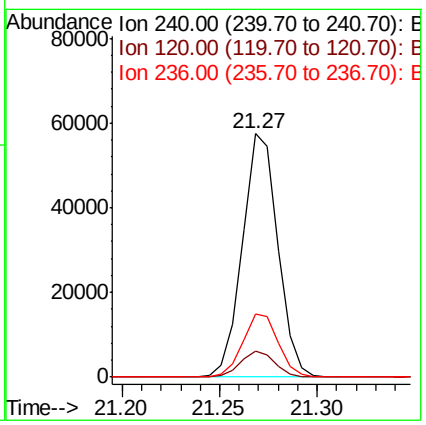


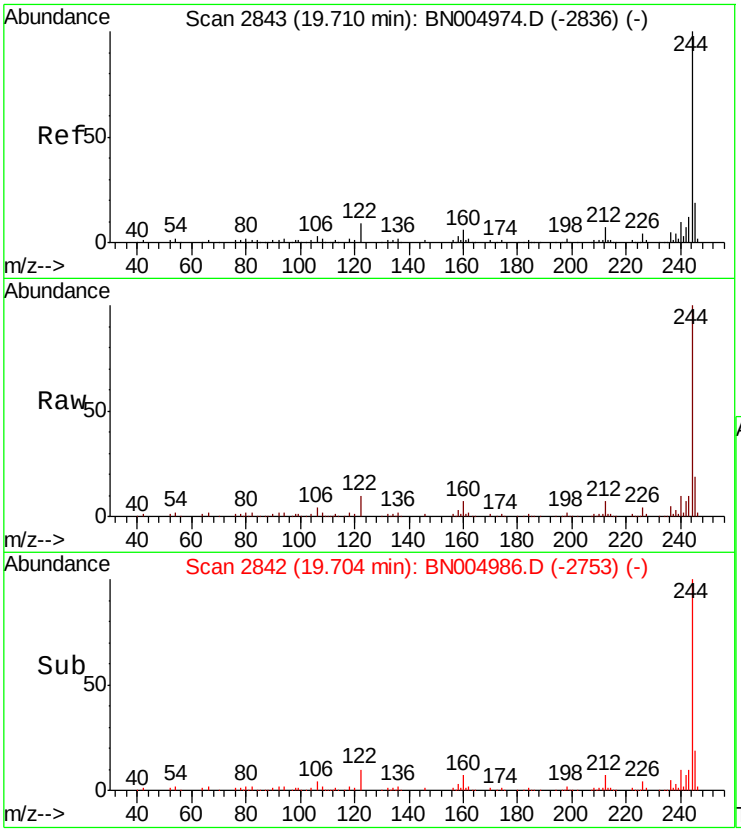


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion:240 Resp: 72279

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.5	12.7
236	25.7	21.2	31.8



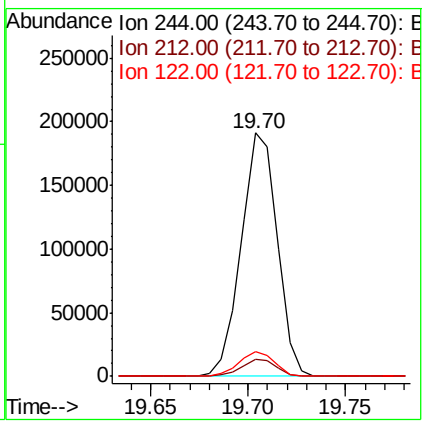


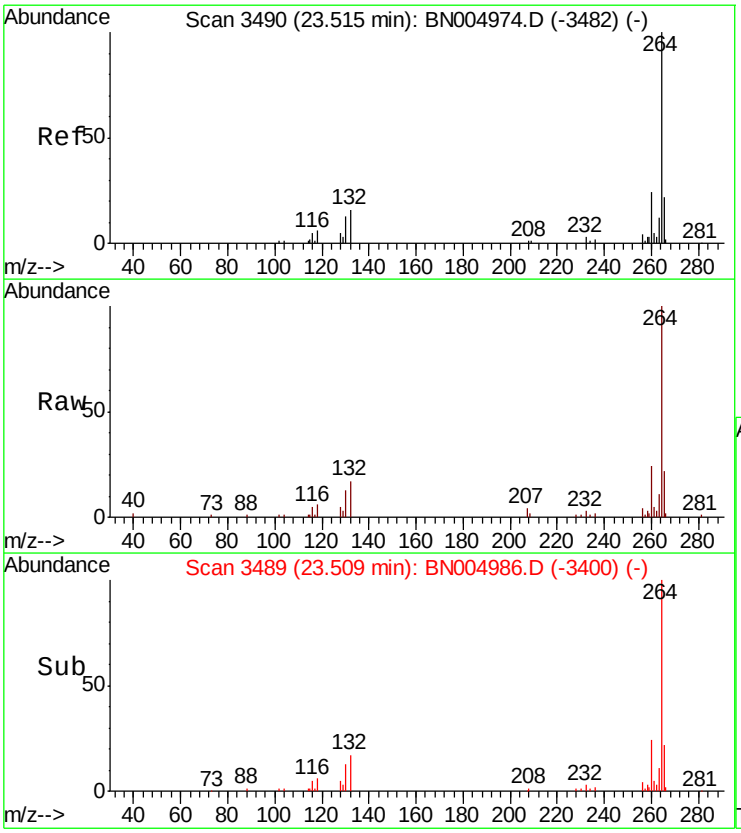
#79
Terphenyl-d14
Concen: 65.210 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

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

Tgt Ion:244 Resp: 244816

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.3	7.4	11.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BN004986.D
Acq: 26 Mar 2019 21:57

Tgt Ion:264 Resp: 71629

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.8	17.2	25.8