Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
Data File : BM017179.D
Acq On : 18 Oct 2018 05:34
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 1 PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2018

Quant Time: Oct 18 13:03:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	201953	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	854930	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	490093	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1170303	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1342444	20.00	ng		-0.01
87) Perylene-d12	23.47	264	1350063	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1598289	133.85	ng		0.00
7) Phenol-d6	6.85	99	2091290	128.60	ng		0.00
23) Nitrobenzene-d5	8.82	82	1219687	83.44	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	929028	140.17	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	2946444	79.99	ng		0.00
79) Terphenyl-d14	19.70	244	4610556	77.41	ng		0.00
Target Compounds							Qvalue
26) 2-Nitrophenol	9.57	139	4340	6.232	ng	#	76
48) 2-Nitroaniline	13.40	65	5458	6.212	ng	#	82
54) 2,4-Dinitrophenol	14.45	184	1466	8.496	ng		93
56) 4-Nitrophenol	14.56	139	2475	5.000	ng		92
62) 4-Nitroaniline	15.40	138	3542	5.072	ng		97
65) 4,6-Dinitro-2-methylphenol	15.46	198	2745	7.314	ng		88
80) Butylbenzylphthalate	20.40	149	17349	7.693	ng		92
84) Bis(2-ethylhexyl)phthalate	21.18	149	25630	5.830	ng		95
85) Di-n-octyl phthalate	22.05	149	43058	6.086	ng	#	92

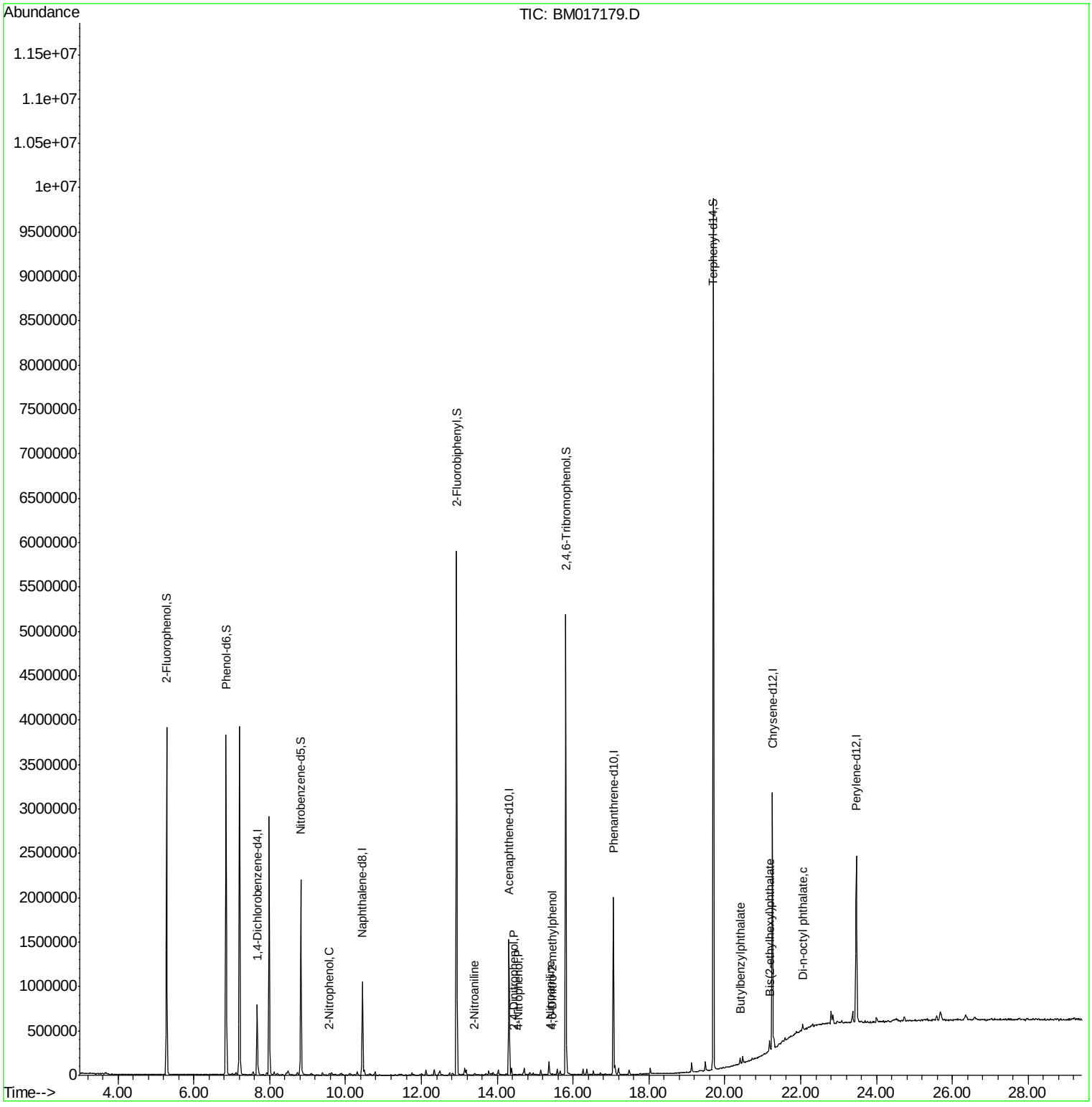
(#) = qualifier out of range (m) = manual integration (+) = signals summed

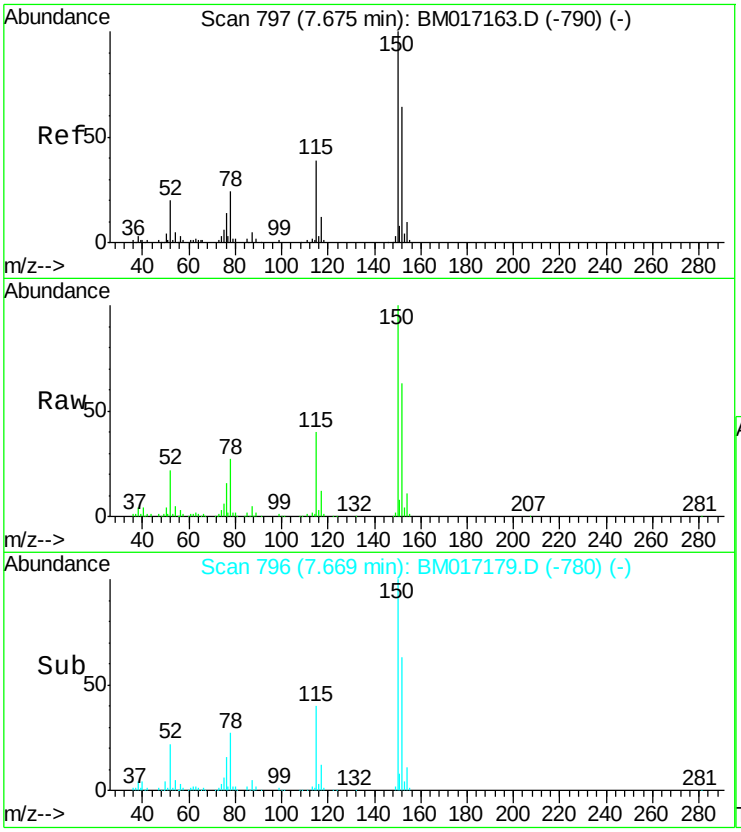
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
Data File : BM017179.D
Acq On : 18 Oct 2018 05:34
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 1 PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Quant Time: Oct 18 13:03:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration



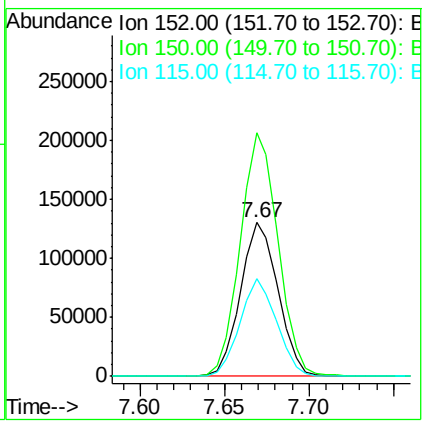


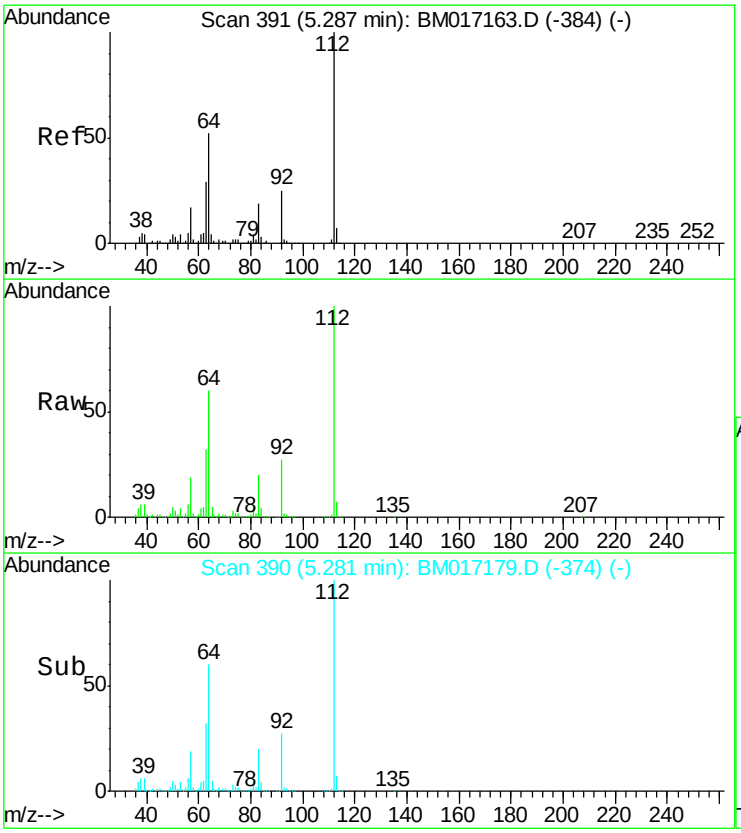
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:152 Resp: 201953

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.3	186.5
115	63.4	48.1	72.1

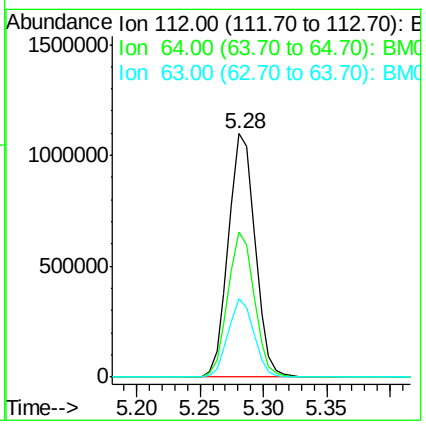


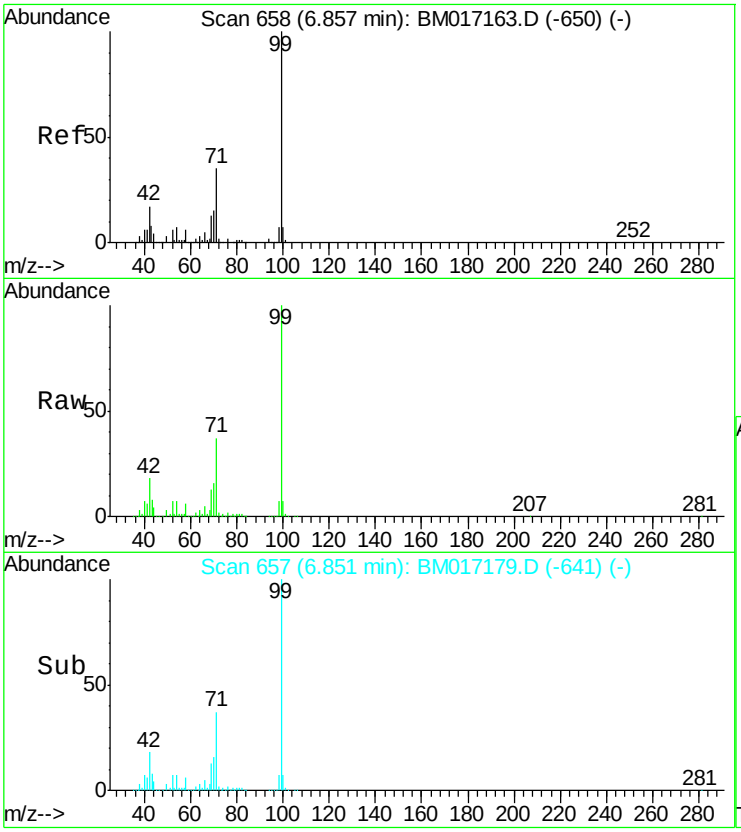


#5
2-Fluorophenol
Concen: 133.855 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:112 Resp: 1598289

Ion	Ratio	Lower	Upper
112	100		
64	59.6	41.7	62.5
63	32.0	23.0	34.4



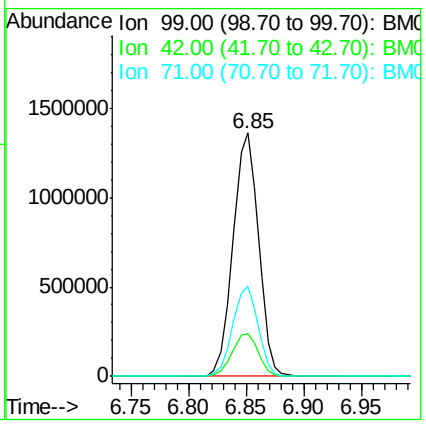


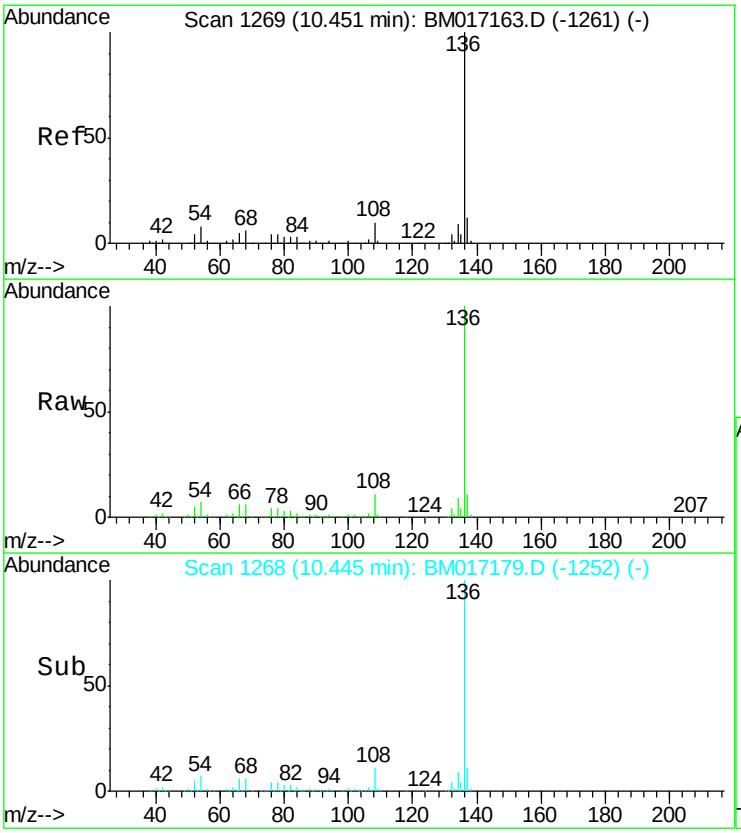
#7
Phenol-d6
Concen: 128.598 ng
RT: 6.85 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 99 Resp: 2091290

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.3	19.9
71	37.0	28.0	42.0

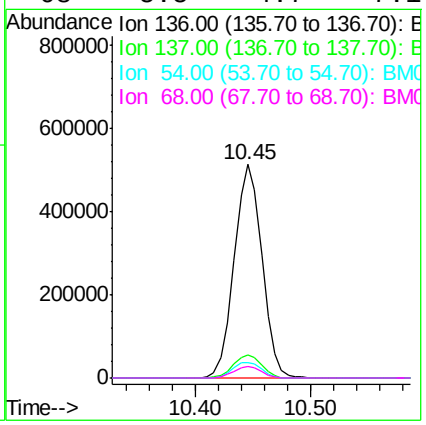


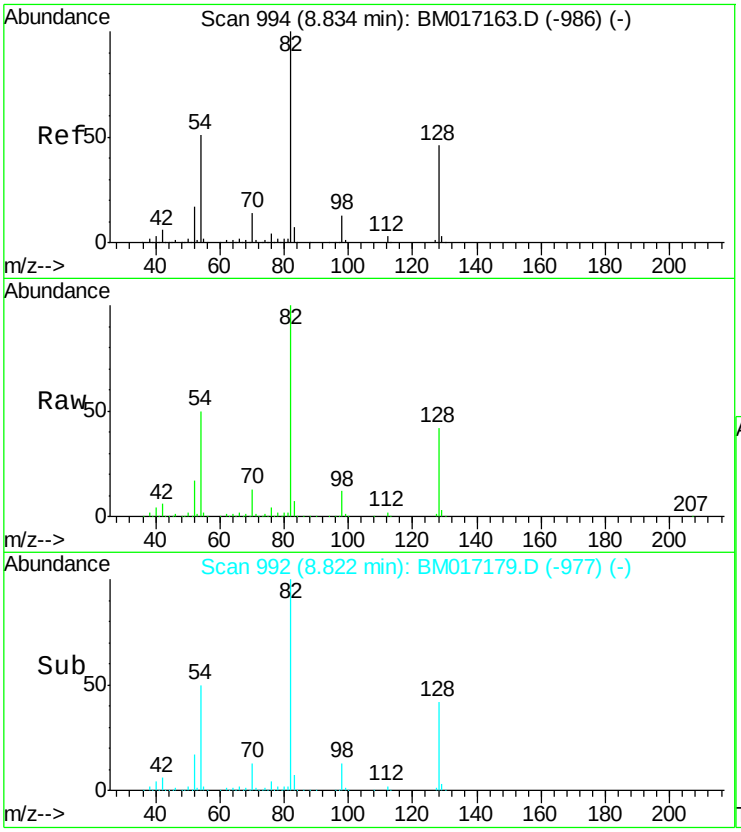


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:136 Resp: 854930

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.3	6.7	10.1
68	5.5	4.7	7.1



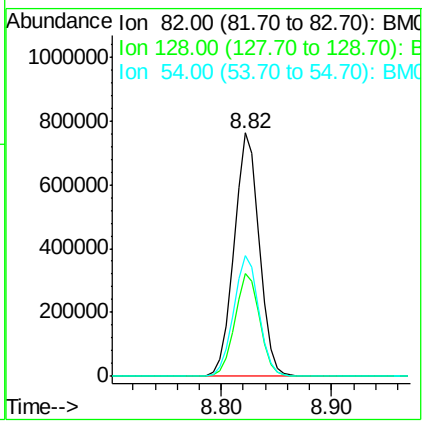


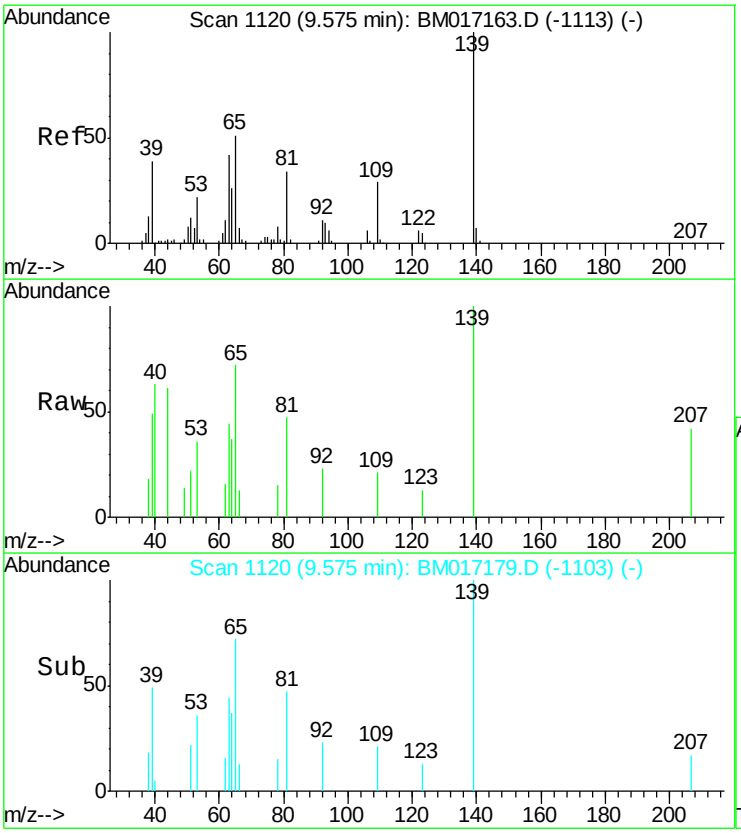
#23
Nitrobenzene-d5
Concen: 83.439 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 82 Resp: 1219687

Ion	Ratio	Lower	Upper
82	100		
128	42.0	37.0	55.6
54	49.8	40.7	61.1

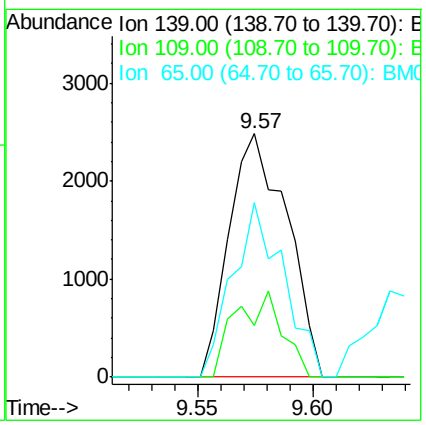


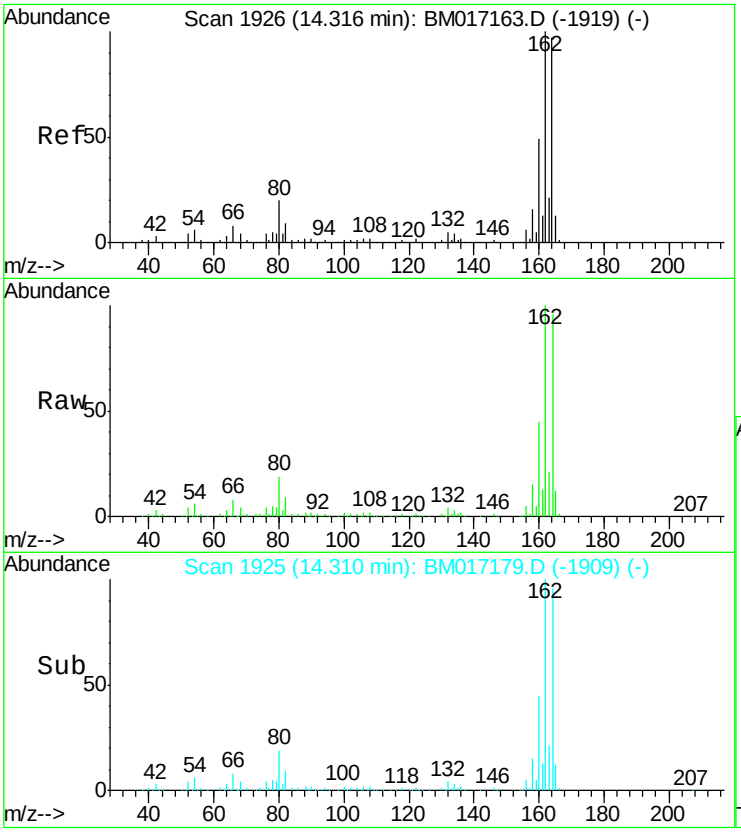


#26
2-Nitrophenol
Concen: 6.232 ng
RT: 9.57 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:139 Resp: 4340

Ion	Ratio	Lower	Upper
139	100		
109	21.2	23.2	34.8#
65	71.8	40.6	61.0#



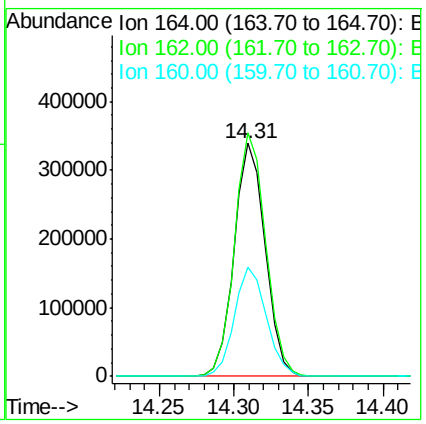


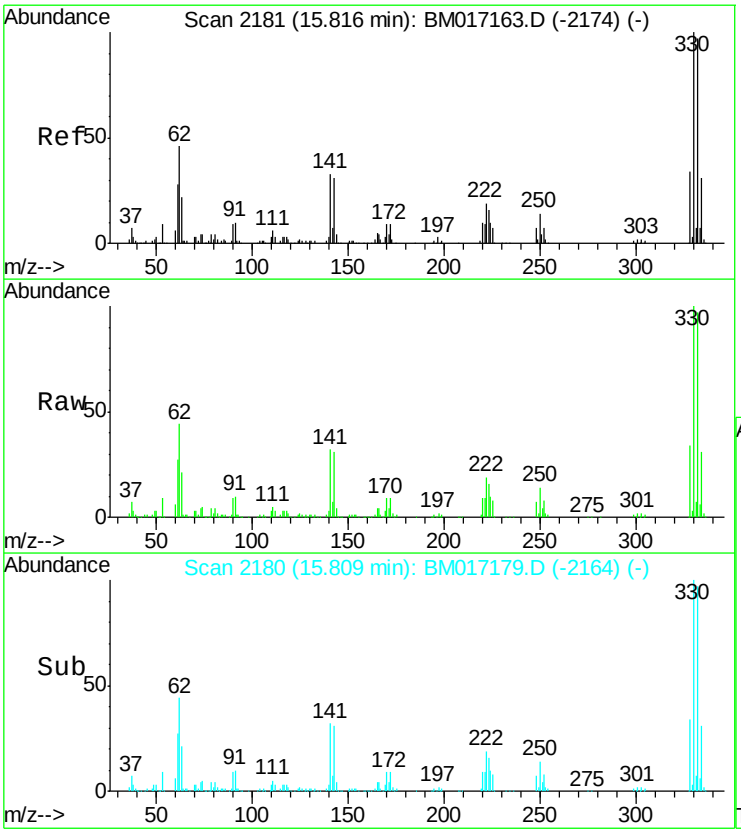
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:164 Resp: 490093

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.1	123.1
160	46.9	40.2	60.2

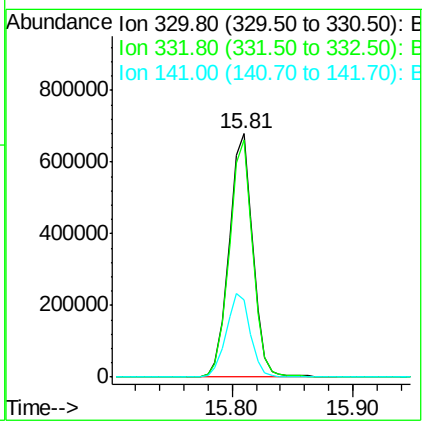


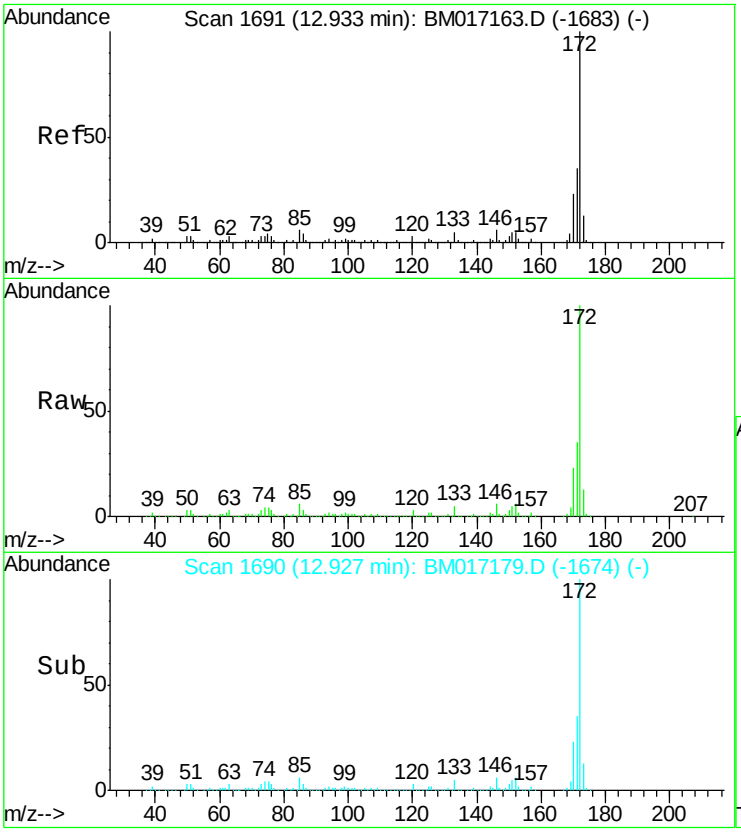


#42
2,4,6-Tribromophenol
Concen: 140.172 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:330 Resp: 929028

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	34.8	27.4	41.0



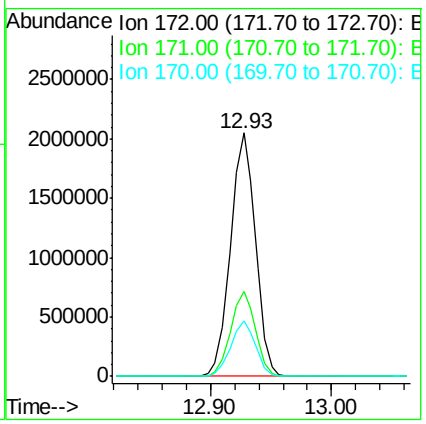


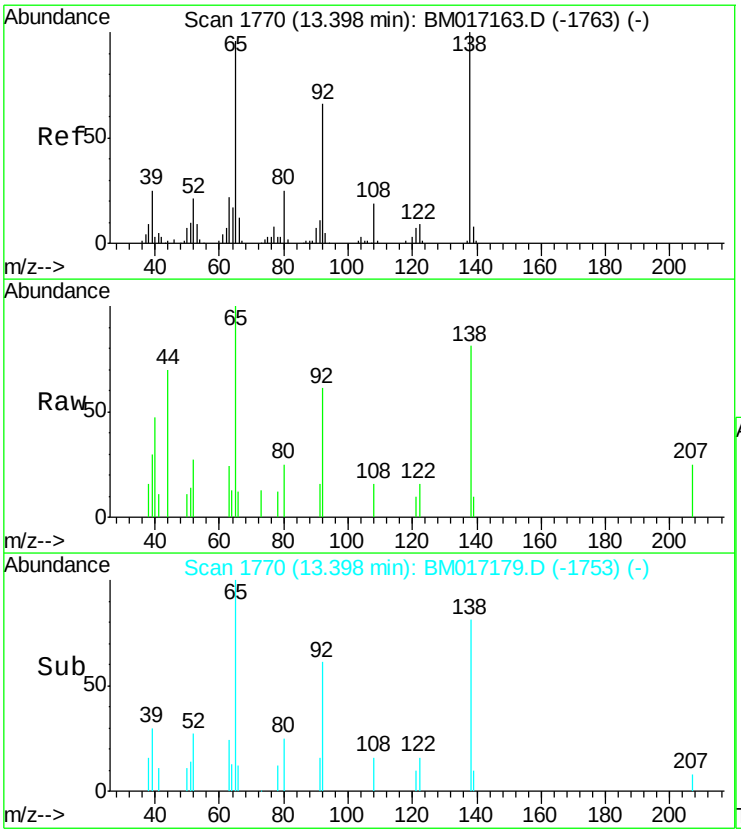
#45
2-Fluorobiphenyl
Concen: 79.992 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:172 Resp: 2946444

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.7	18.3	27.5

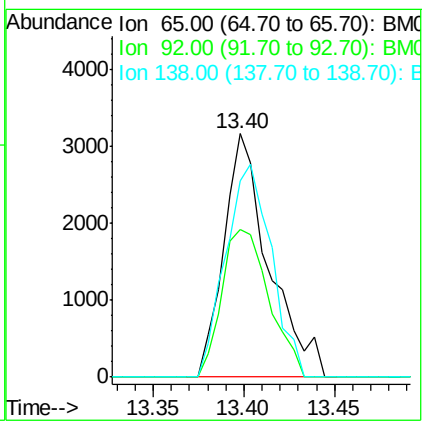


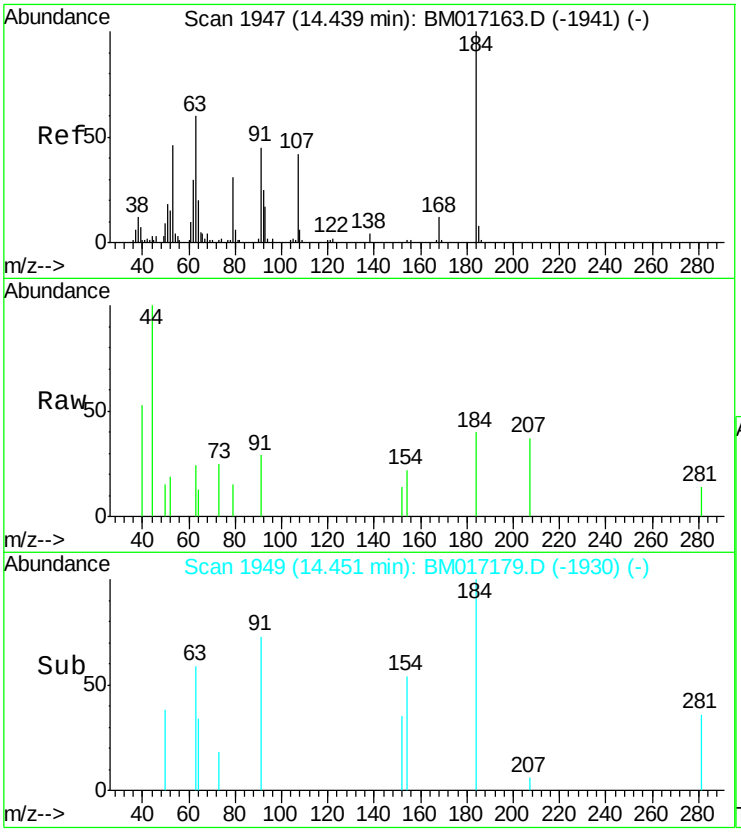


#48
2-Nitroaniline
Concen: 6.212 ng
RT: 13.40 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion: 65 Resp: 5458

Ion	Ratio	Lower	Upper
65	100		
92	60.7	54.9	82.3
138	80.6	83.7	125.5#



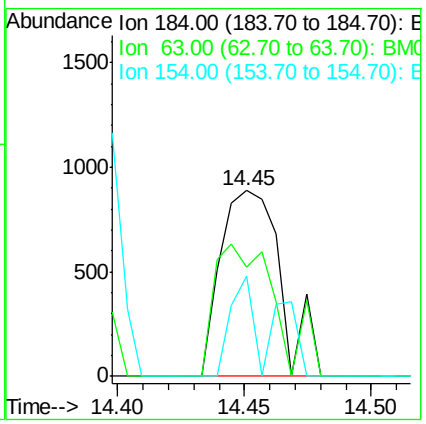


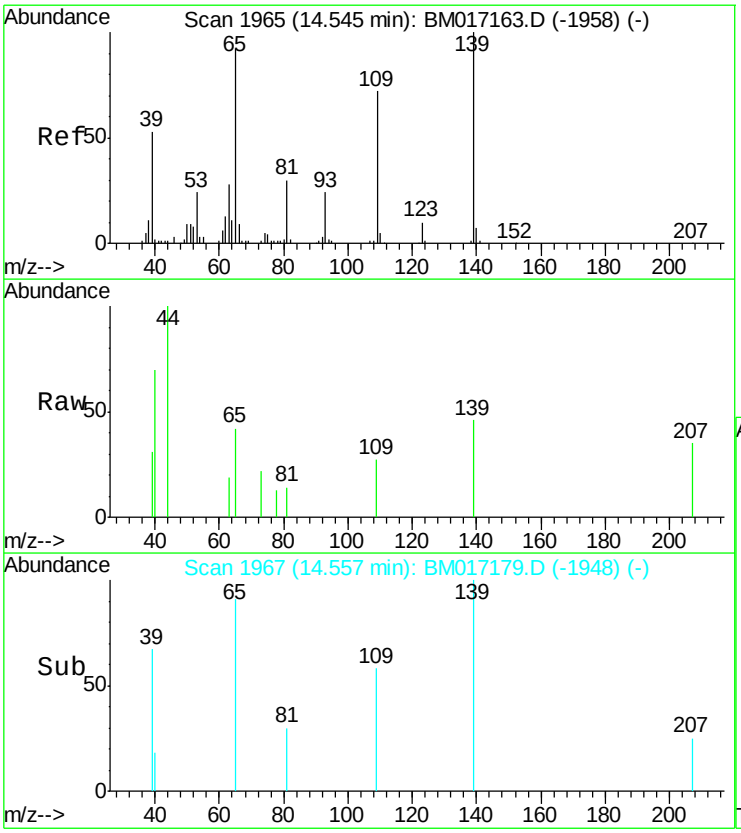
#54
2,4-Dinitrophenol
Concen: 8.496 ng
RT: 14.45 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:184 Resp: 1466

Ion	Ratio	Lower	Upper
184	100		
63	59.2	51.2	76.8
154	54.2	47.8	71.8

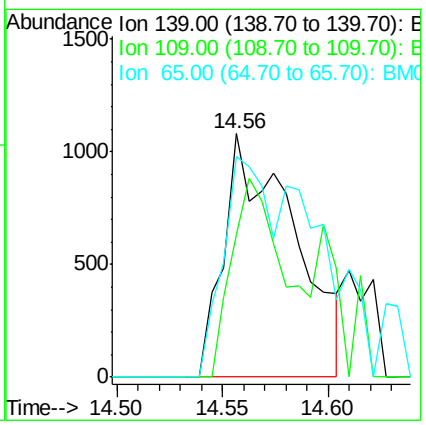


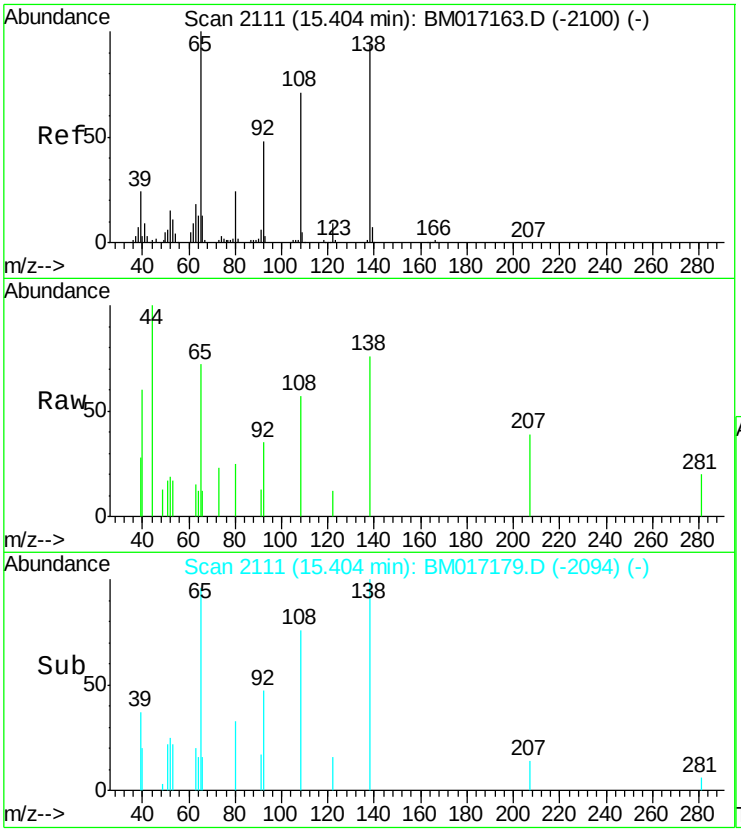


#56
4-Nitrophenol
Concen: 5.000 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:139 Resp: 2475

Ion	Ratio	Lower	Upper
139	100		
109	58.5	51.8	91.8
65	90.8	72.1	112.1



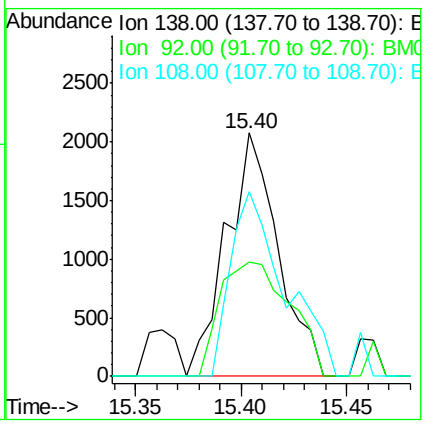


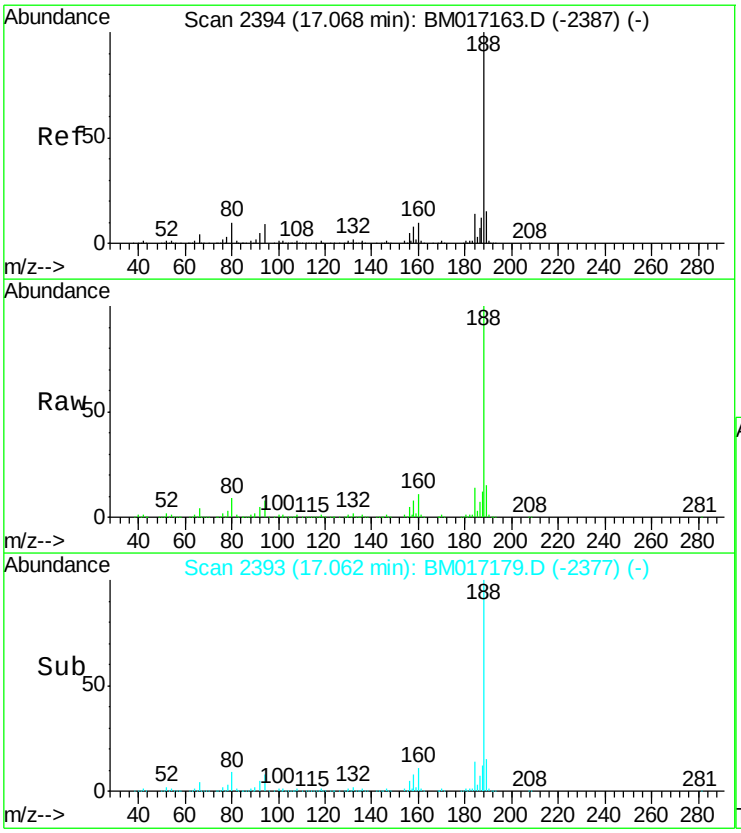
#62
4-Nitroaniline
Concen: 5.072 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:138 Resp: 3542

Ion	Ratio	Lower	Upper
138	100		
92	46.9	31.2	71.2
108	76.0	55.5	95.5

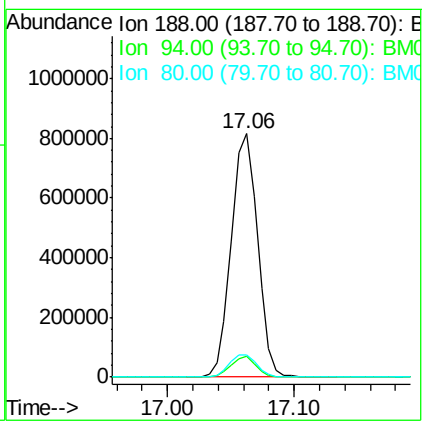


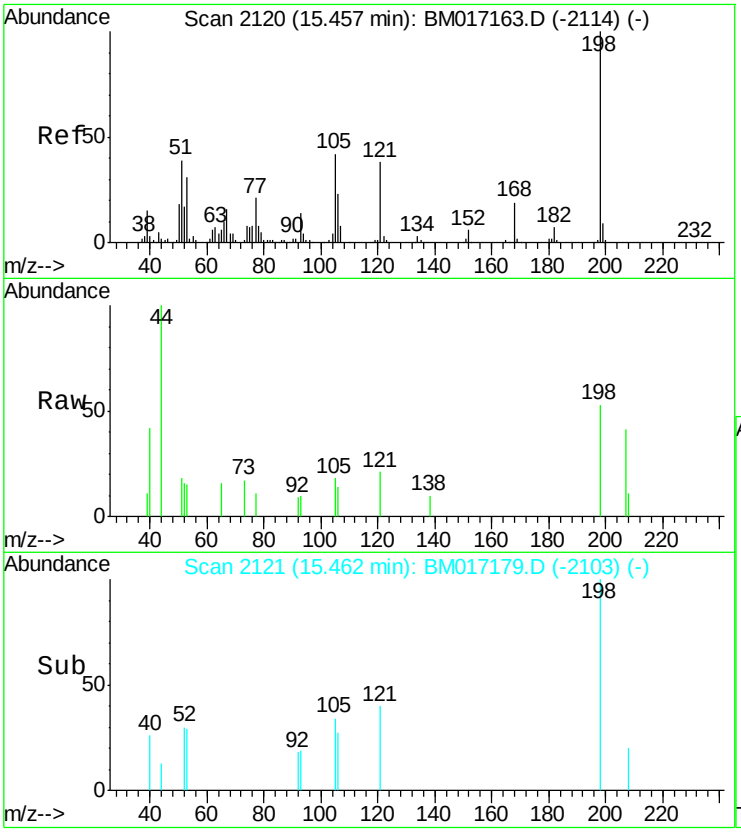


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:188 Resp: 1170303

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	9.3	7.7	11.5



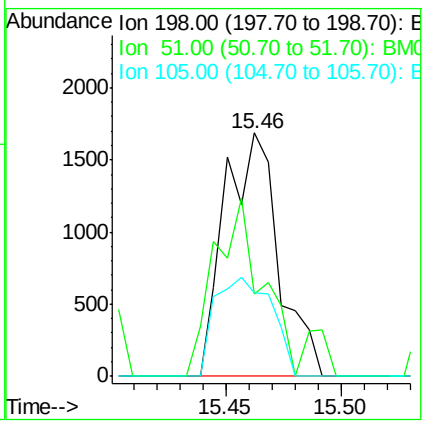


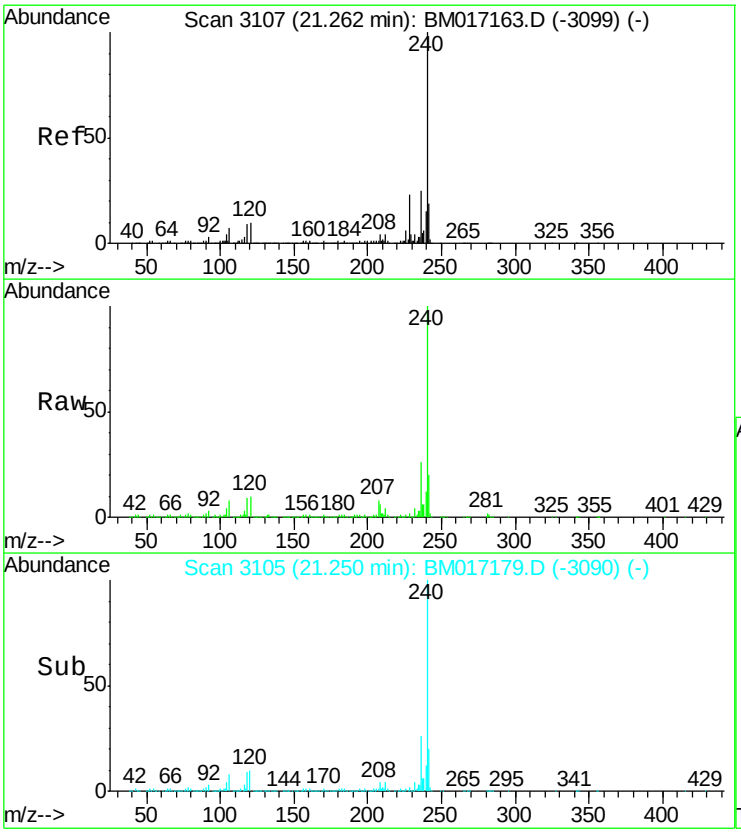
#65
4,6-Dinitro-2-methylphenol
Concen: 7.314 ng
RT: 15.46 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:198 Resp: 2745

Ion	Ratio	Lower	Upper
198	100		
51	33.6	20.3	60.3
105	34.2	21.9	61.9

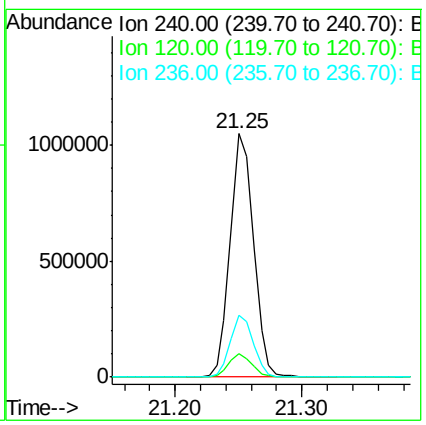


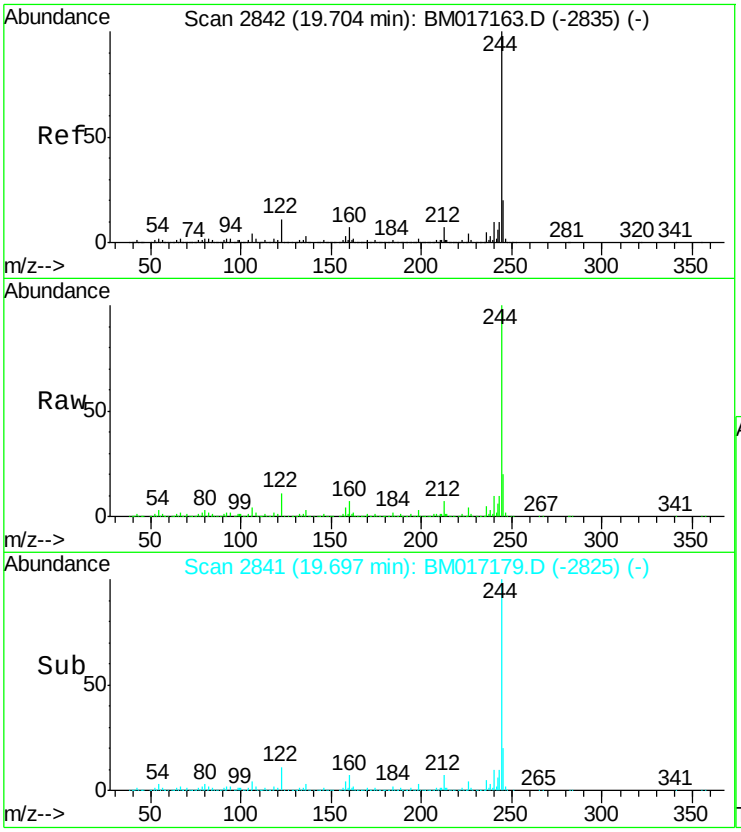


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:240 Resp: 1342444

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.1	12.1
236	25.5	19.9	29.9



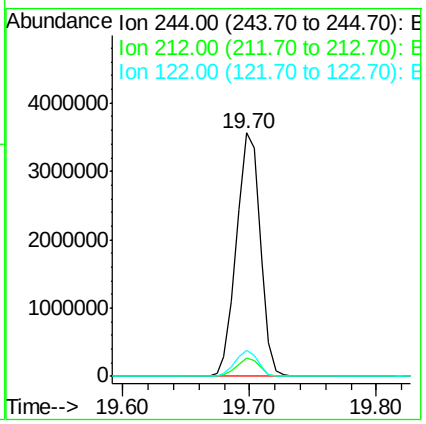


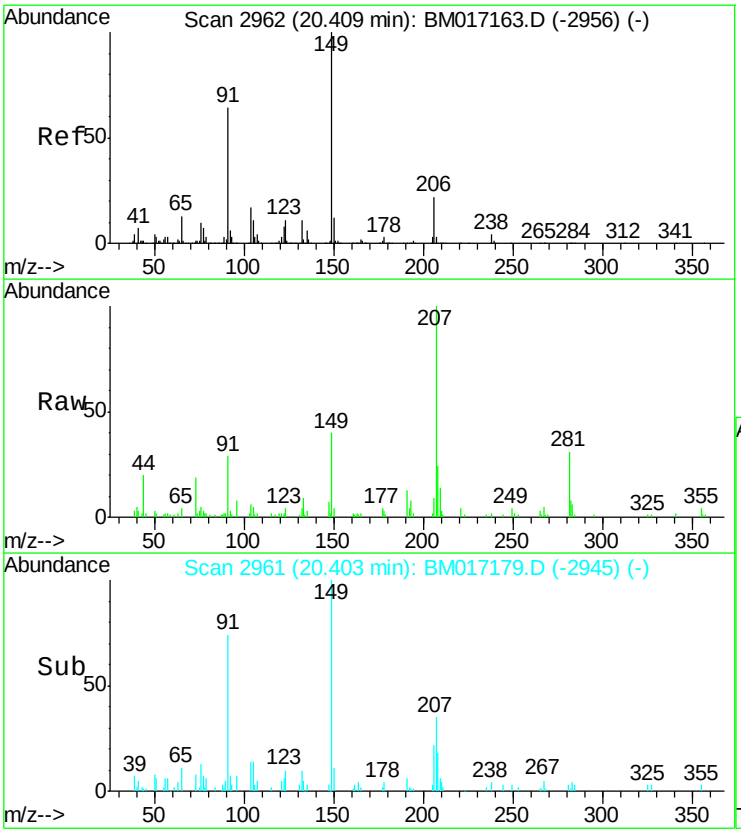
#79
Terphenyl-d14
Concen: 77.413 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:244 Resp: 4610556

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	10.6	8.4	12.6

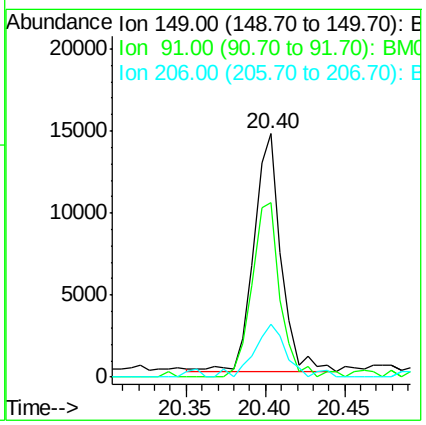


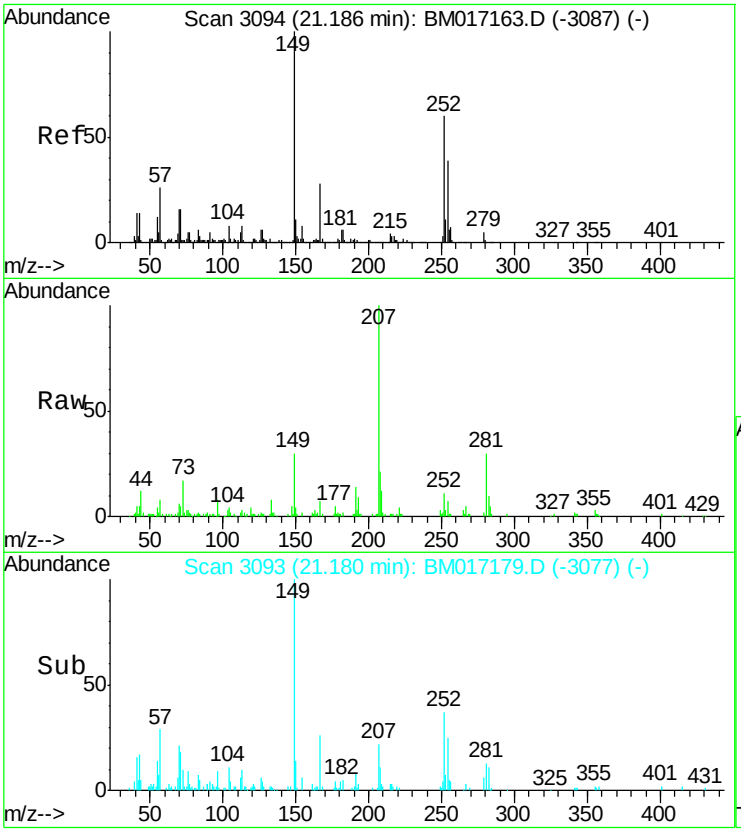


#80
Butylbenzylphthalate
Concen: 7.693 ng
RT: 20.40 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:149 Resp: 17349

Ion	Ratio	Lower	Upper
149	100		
91	71.8	51.3	76.9
206	21.7	18.0	27.0



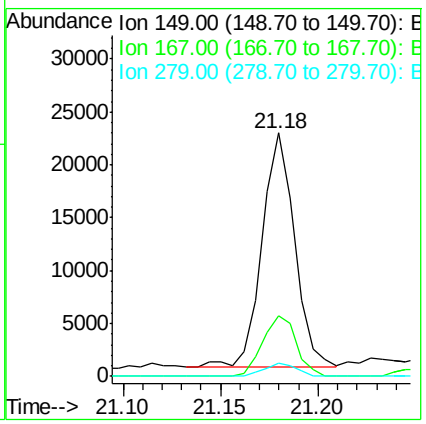


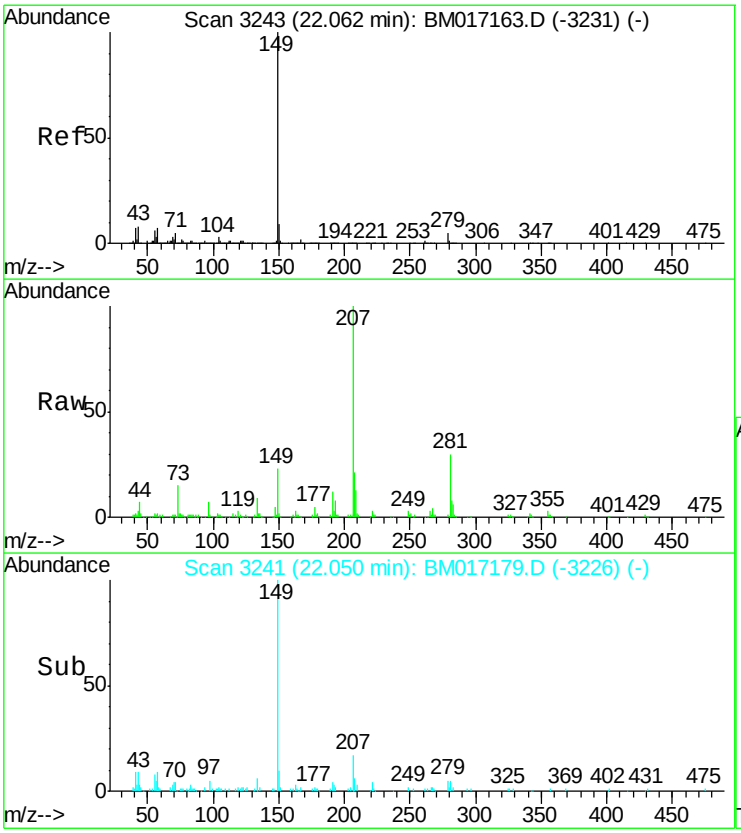
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.830 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:149 Resp: 25630

Ion	Ratio	Lower	Upper
149	100		
167	25.1	22.2	33.4
279	5.3	3.6	5.4

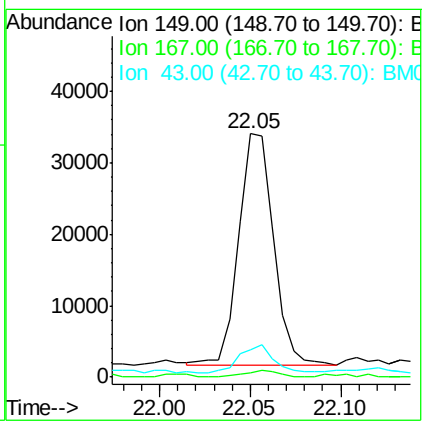


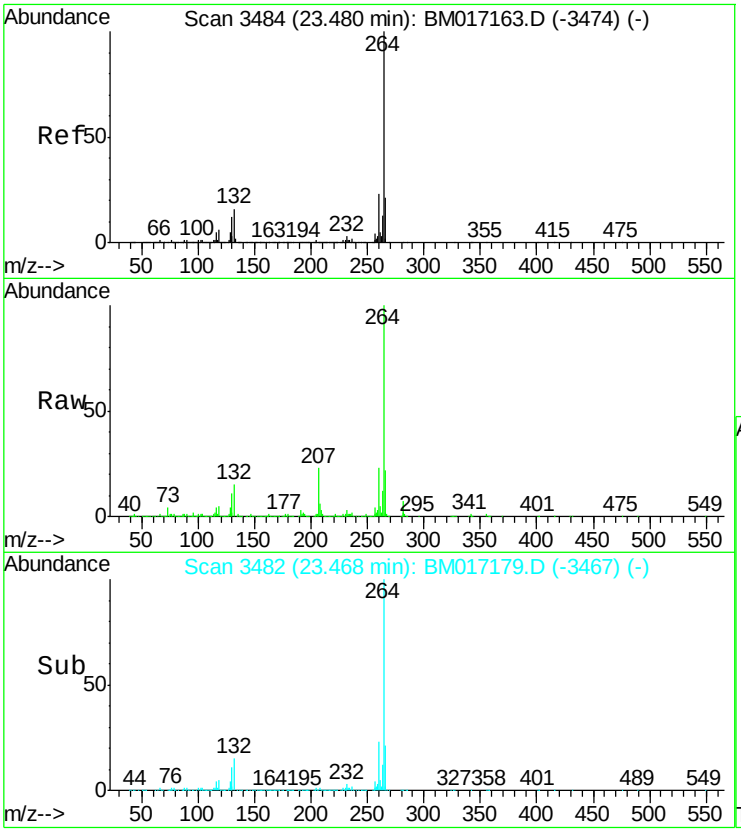


#85
Di-n-octyl phthalate
Concen: 6.086 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:149 Resp: 43058

Ion	Ratio	Lower	Upper
149	100		
167	3.0	1.4	2.0#
43	12.1	7.2	10.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:264 Resp: 1350063

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.7	17.8	26.8