Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
Data File : BM017172.D
Acq On : 17 Oct 2018 23:35
Operator : MJ/SJ
Sample : J5164-07
Misc : LOD 1 PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 18 13:00:13 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	187077	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	759349	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	437027	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1021786	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1178991	20.00	ng		0.00
87) Perylene-d12	23.47	264	1176124	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1548128	139.96	ng		0.00
7) Phenol-d6	6.85	99	2005012	133.10	ng		0.00
23) Nitrobenzene-d5	8.82	82	1150228	88.59	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	855439	144.74	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	2809024	85.52	ng		0.00
79) Terphenyl-d14	19.70	244	4380660	83.75	ng		0.00
Target Compounds							Qvalue
26) 2-Nitrophenol	9.58	139	4293	6.292	ng	#	88
48) 2-Nitroaniline	13.40	65	4874	6.213	ng	#	78
54) 2,4-Dinitrophenol	14.46	184	857	8.403	ng	#	43
56) 4-Nitrophenol	14.57	139	2108	4.988	ng	#	84
62) 4-Nitroaniline	15.40	138	3191	5.075	ng		94
65) 4,6-Dinitro-2-methylphenol	15.46	198	2369	7.311	ng		86
80) Butylbenzylphthalate	20.40	149	14798	7.678	ng	#	86
84) Bis(2-ethylhexyl)phthalate	21.18	149	25306	5.895	ng		96
85) Di-n-octyl phthalate	22.06	149	41205	6.132	ng	#	97

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

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LOD-MDL-WATER-01-QT4-2018

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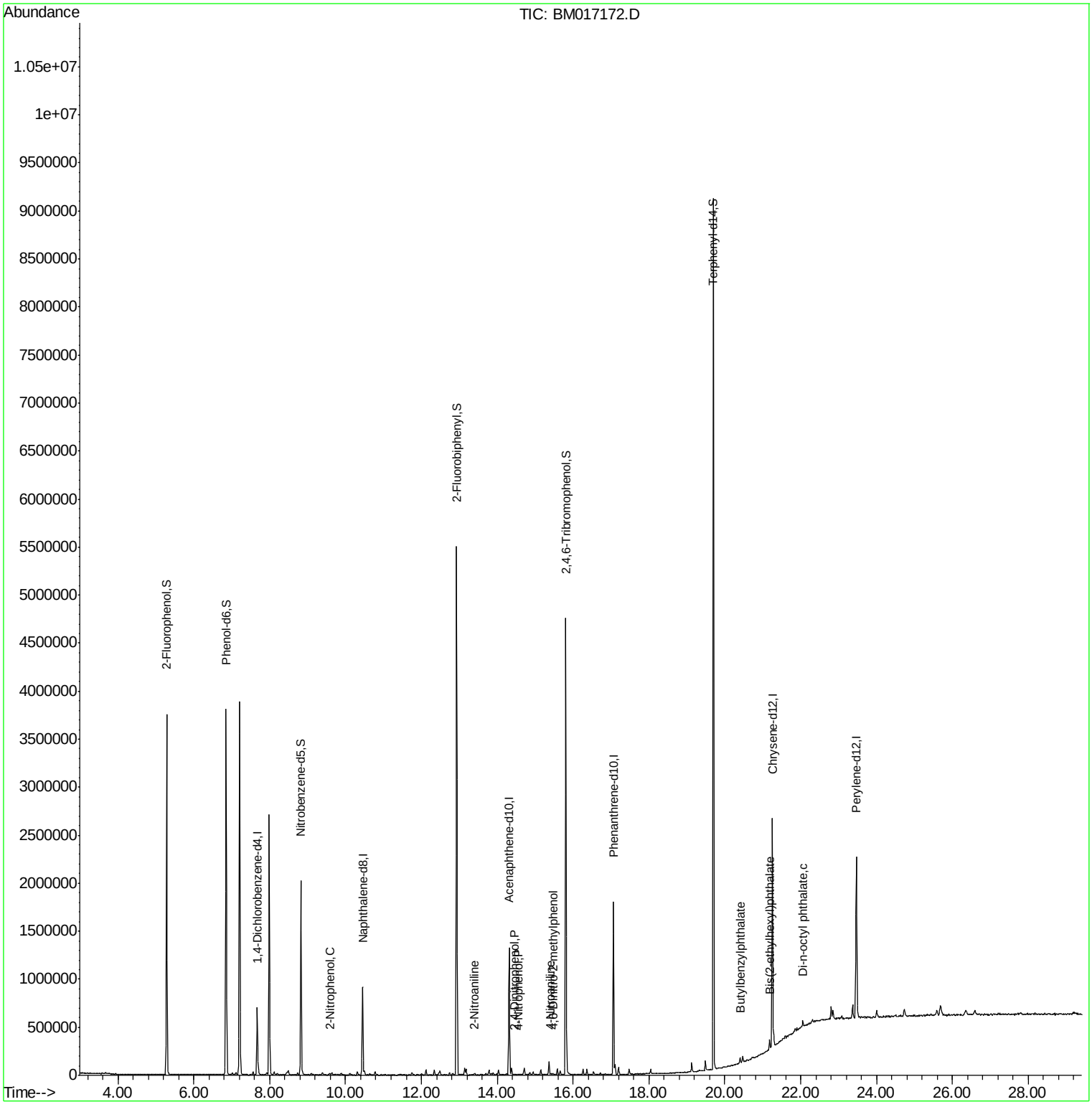
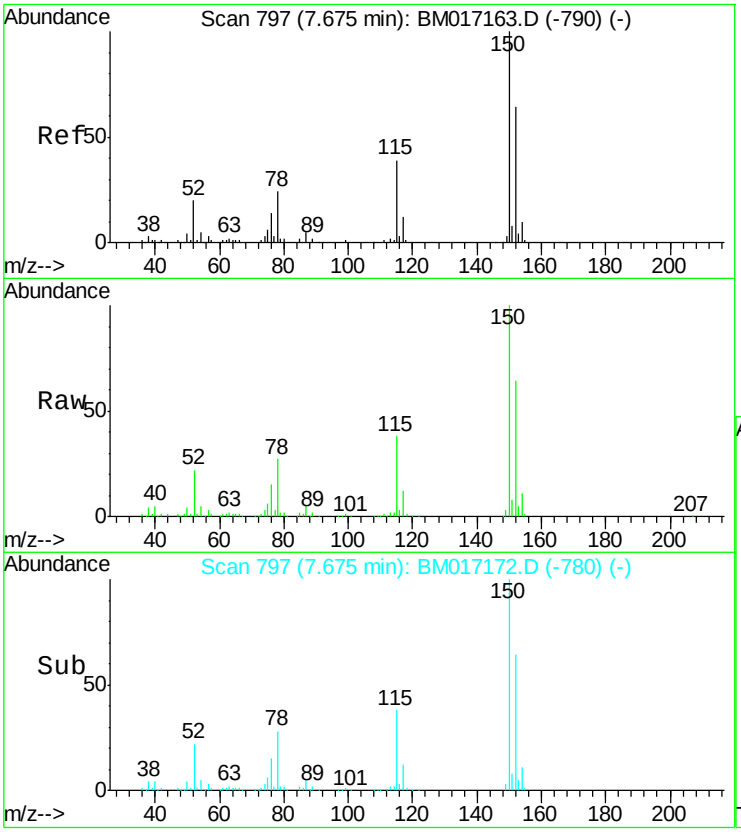
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration



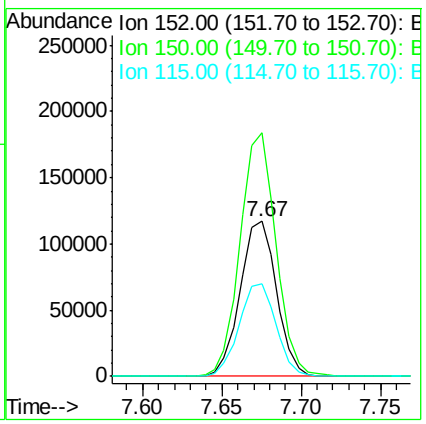


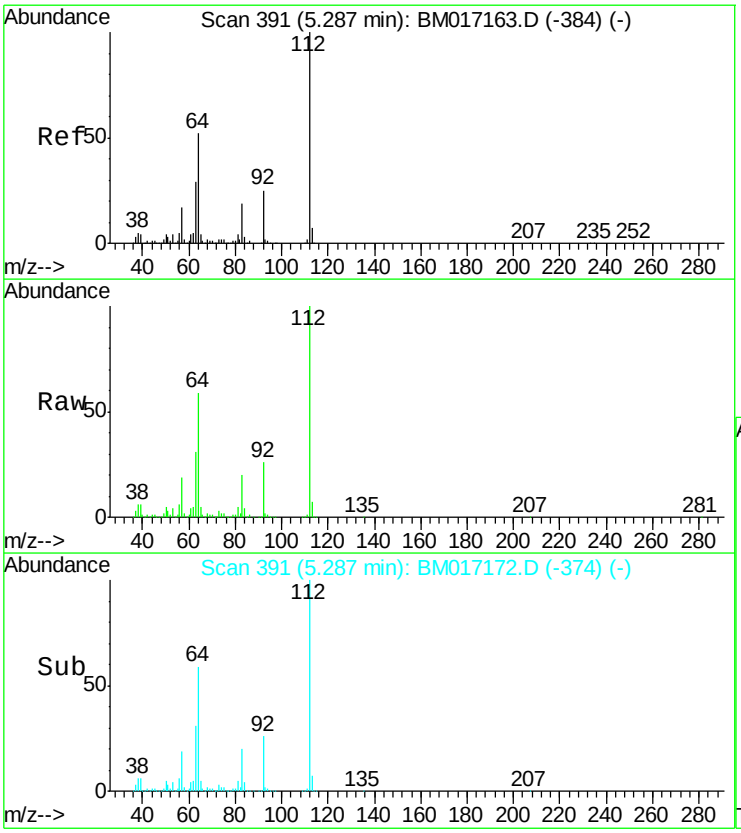
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:152 Resp: 187077

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.3	186.5
115	59.9	48.1	72.1

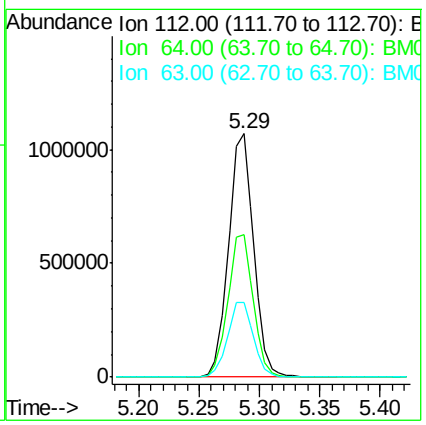


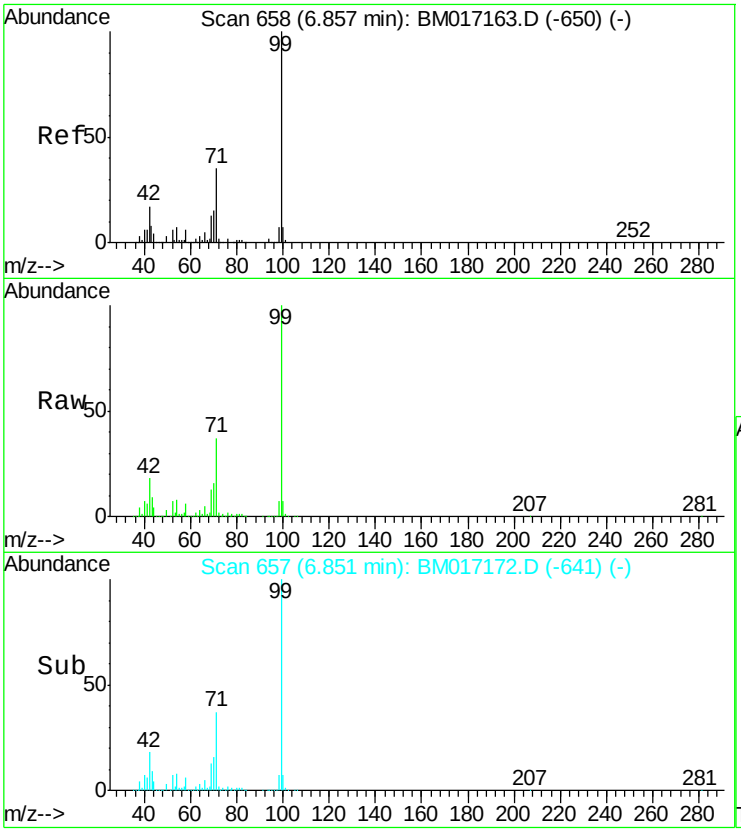


#5
2-Fluorophenol
Concen: 139.964 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Tgt Ion:112 Resp: 1548128

Ion	Ratio	Lower	Upper
112	100		
64	58.7	41.7	62.5
63	30.9	23.0	34.4



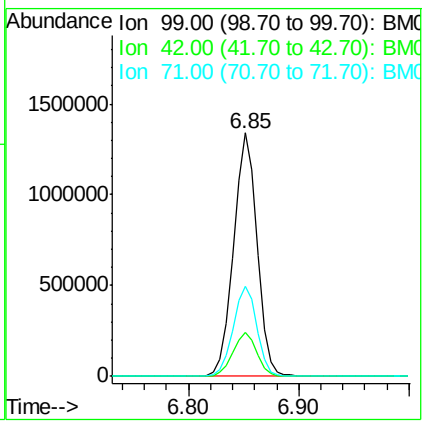


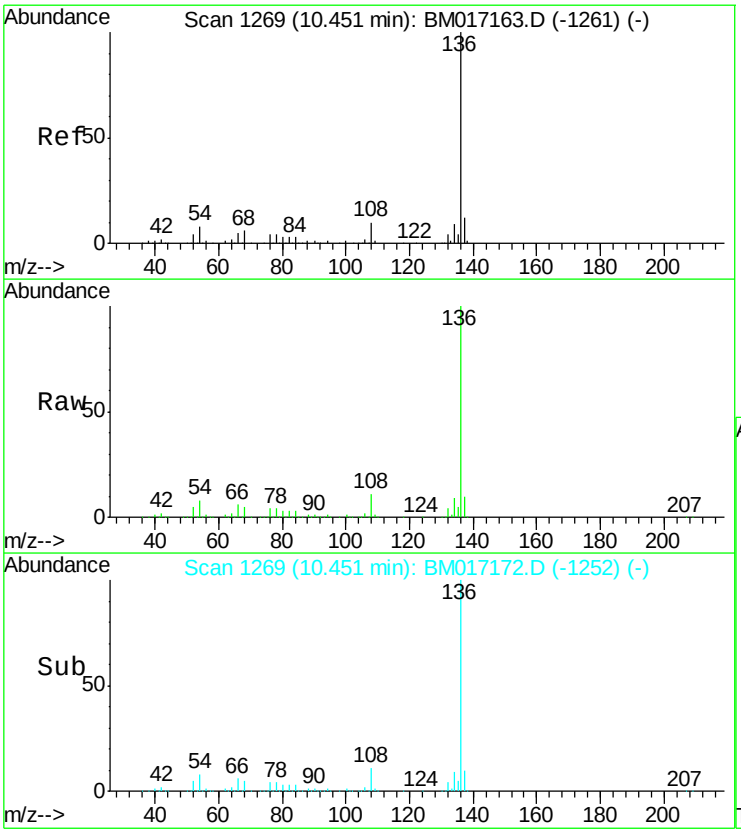
#7
Phenol-d6
Concen: 133.097 ng
RT: 6.85 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 99 Resp: 2005012

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.3	19.9
71	37.1	28.0	42.0

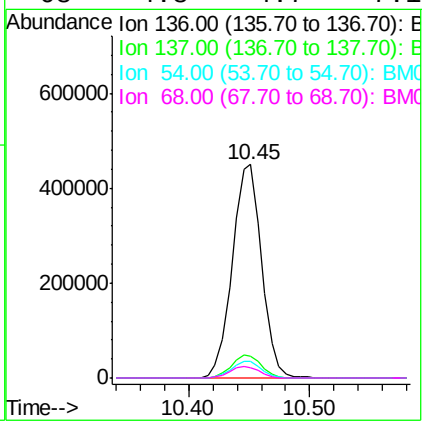


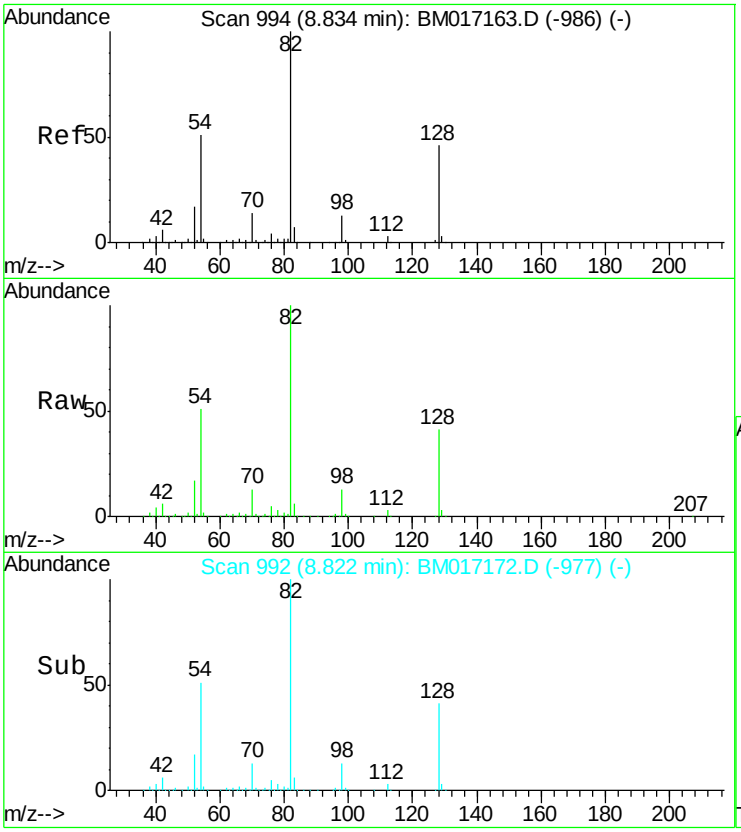


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Tgt Ion:136 Resp: 759349

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.7	6.7	10.1
68	4.8	4.7	7.1



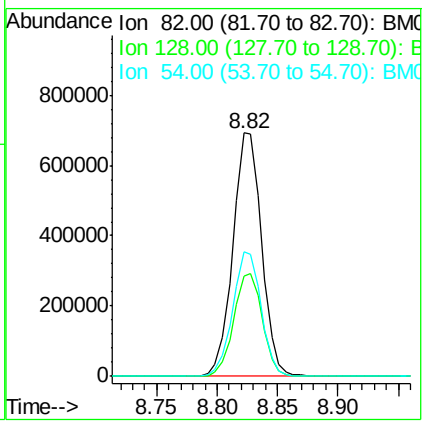


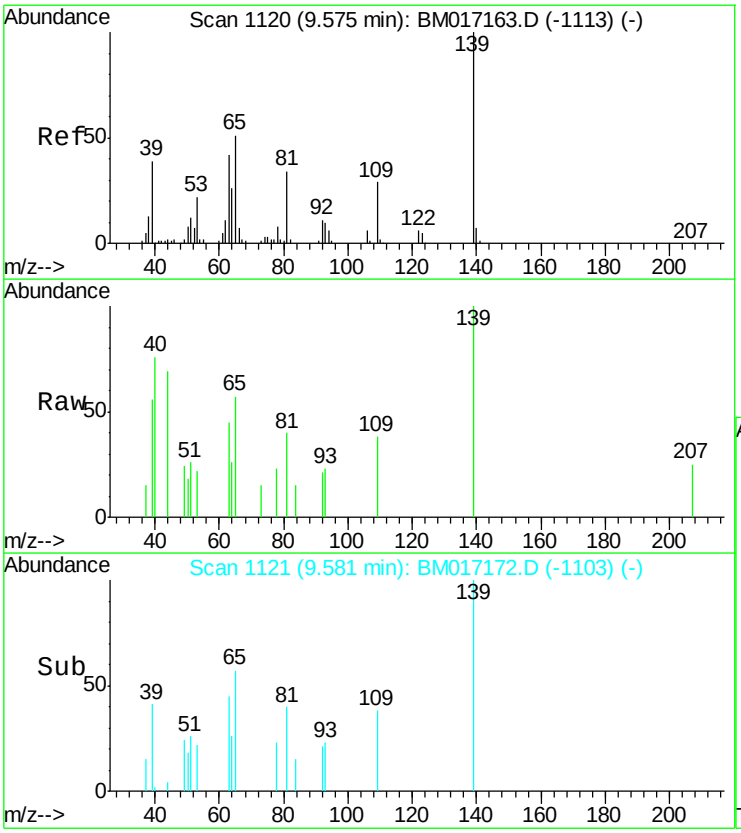
#23
Nitrobenzene-d5
Concen: 88.591 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 82 Resp: 1150228

Ion	Ratio	Lower	Upper
82	100		
128	41.3	37.0	55.6
54	51.4	40.7	61.1

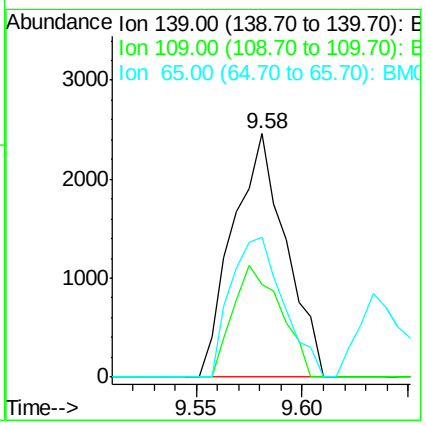


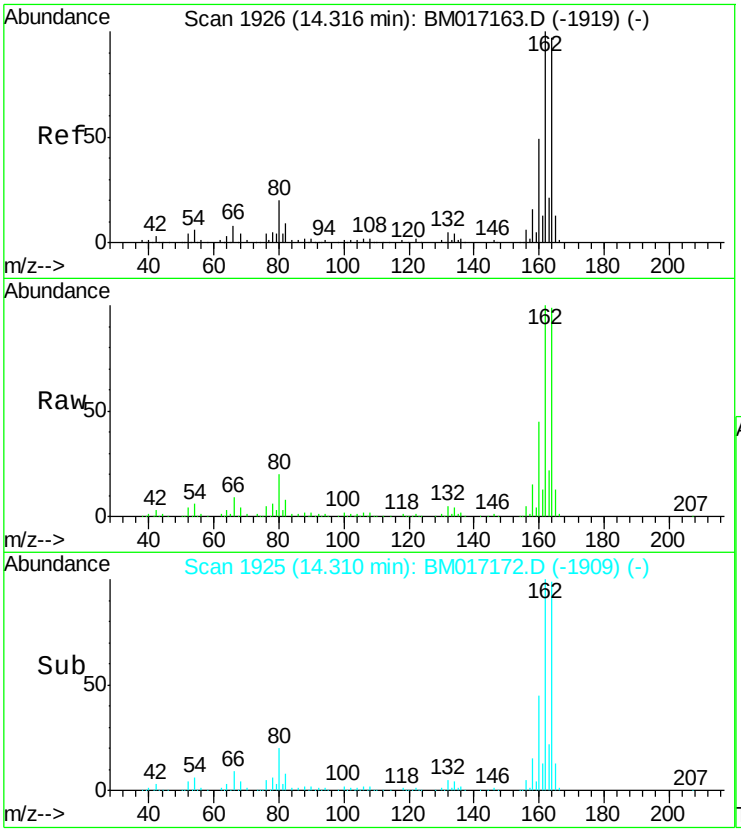


#26
2-Nitrophenol
Concen: 6.292 ng
RT: 9.58 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Tgt Ion:139 Resp: 4293

Ion	Ratio	Lower	Upper
139	100		
109	38.2	23.2	34.8#
65	57.5	40.6	61.0



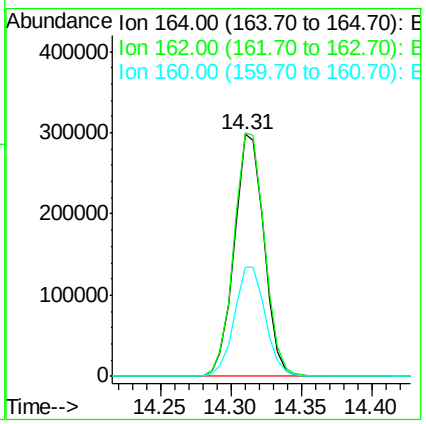


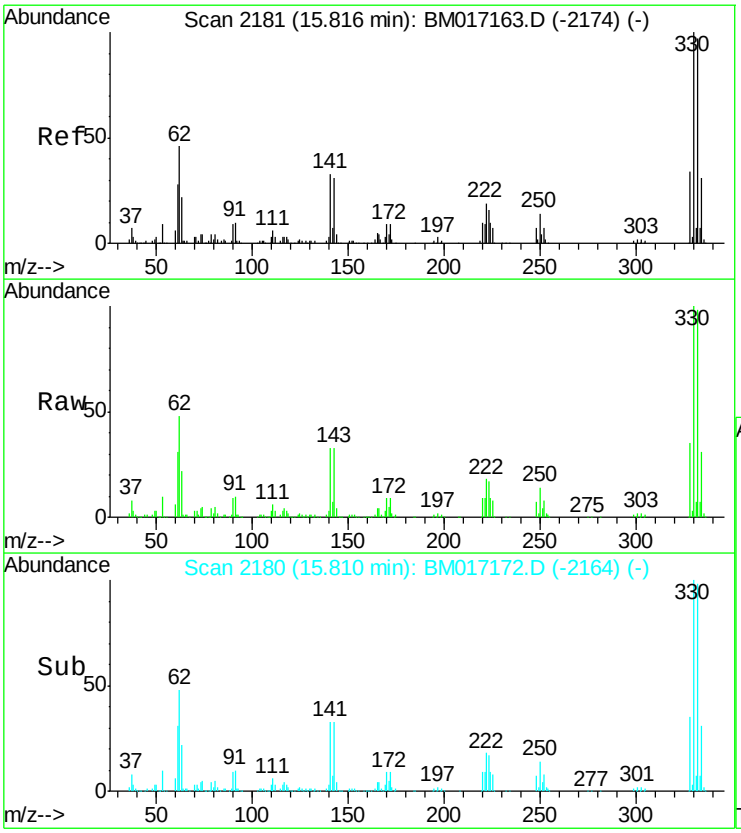
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:164 Resp: 437027

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.1	123.1
160	44.9	40.2	60.2

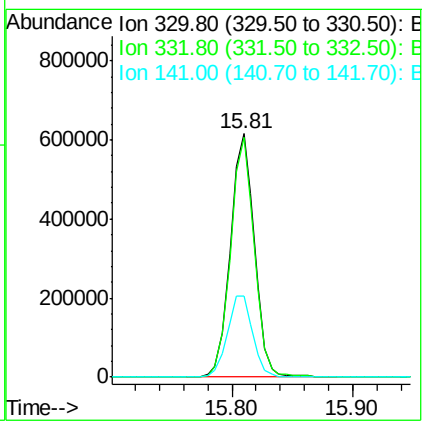


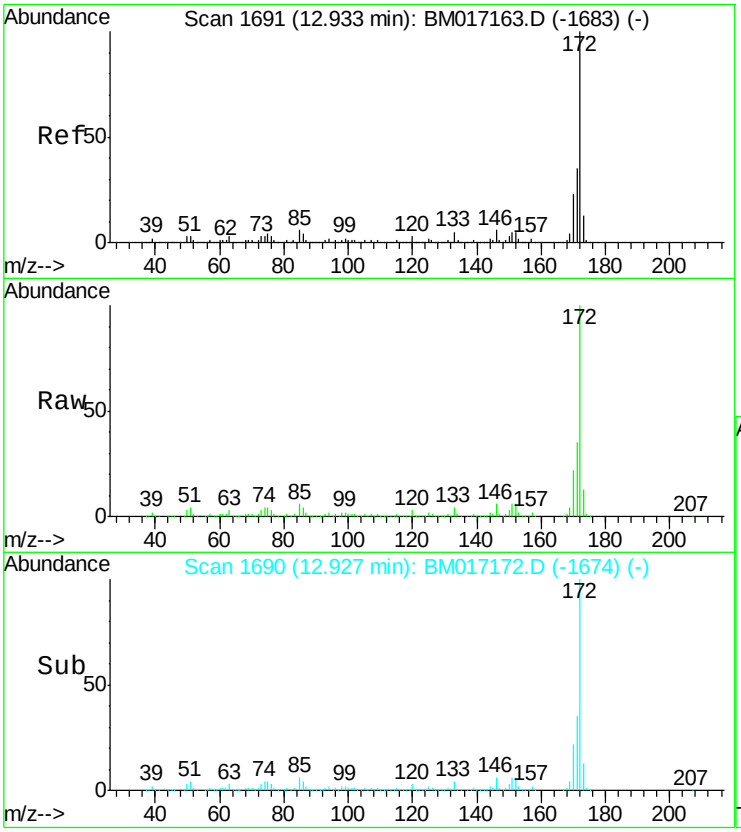


#42
2,4,6-Tribromophenol
Concen: 144.741 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Tgt Ion:330 Resp: 855439

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	35.2	27.4	41.0



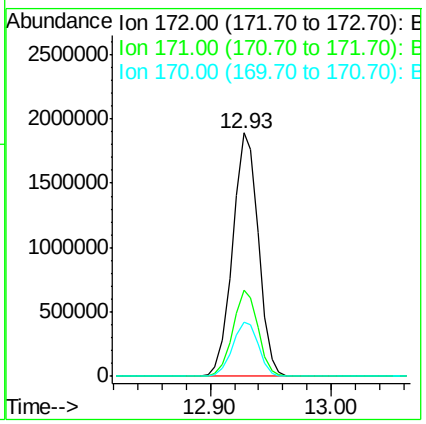


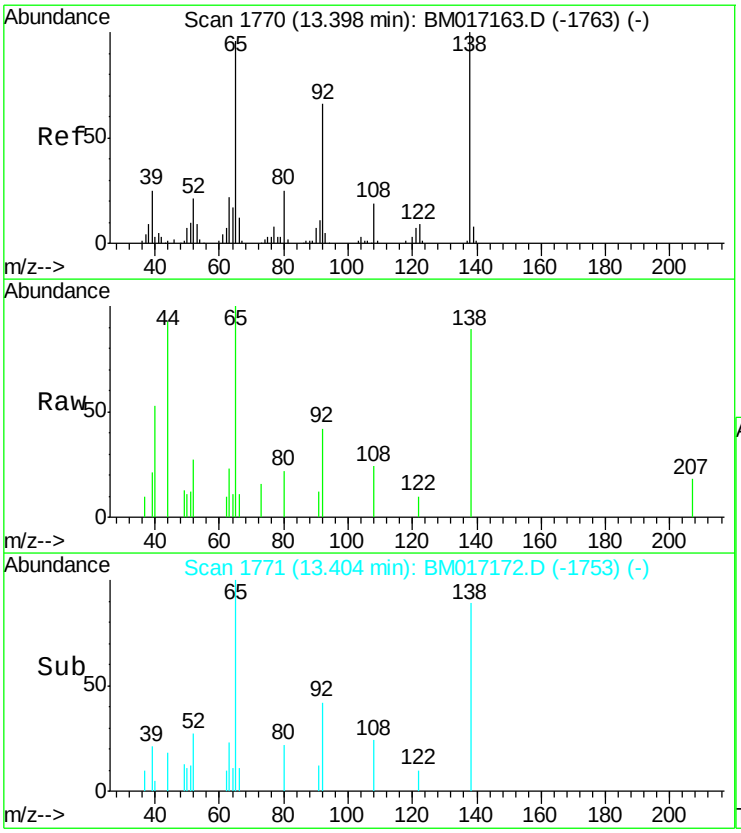
#45
2-Fluorobiphenyl
Concen: 85.522 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:172 Resp: 2809024

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.4	18.3	27.5

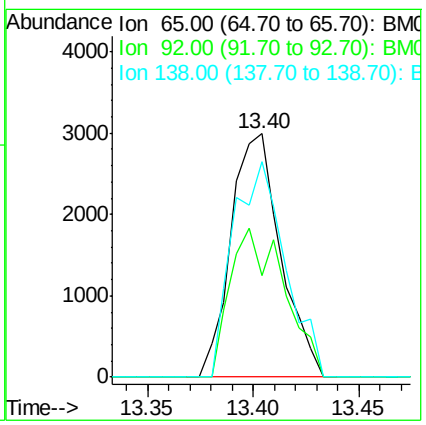


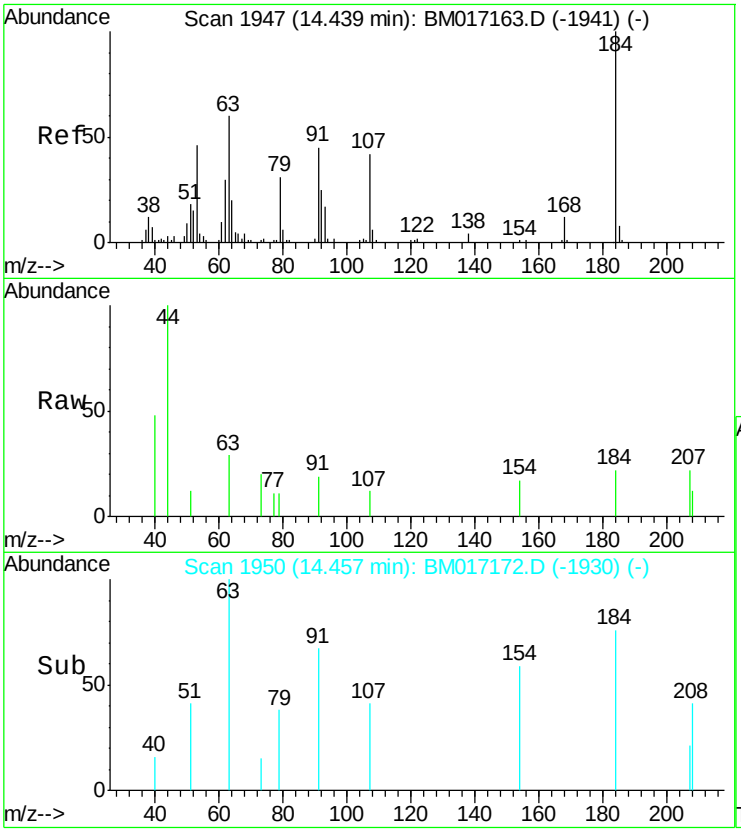


#48
2-Nitroaniline
Concen: 6.213 ng
RT: 13.40 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Tgt Ion: 65 Resp: 4874

Ion	Ratio	Lower	Upper
65	100		
92	41.9	54.9	82.3#
138	88.6	83.7	125.5



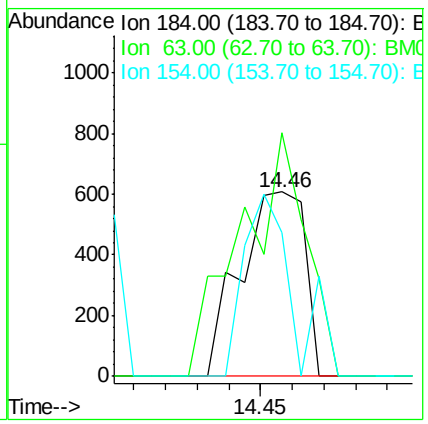


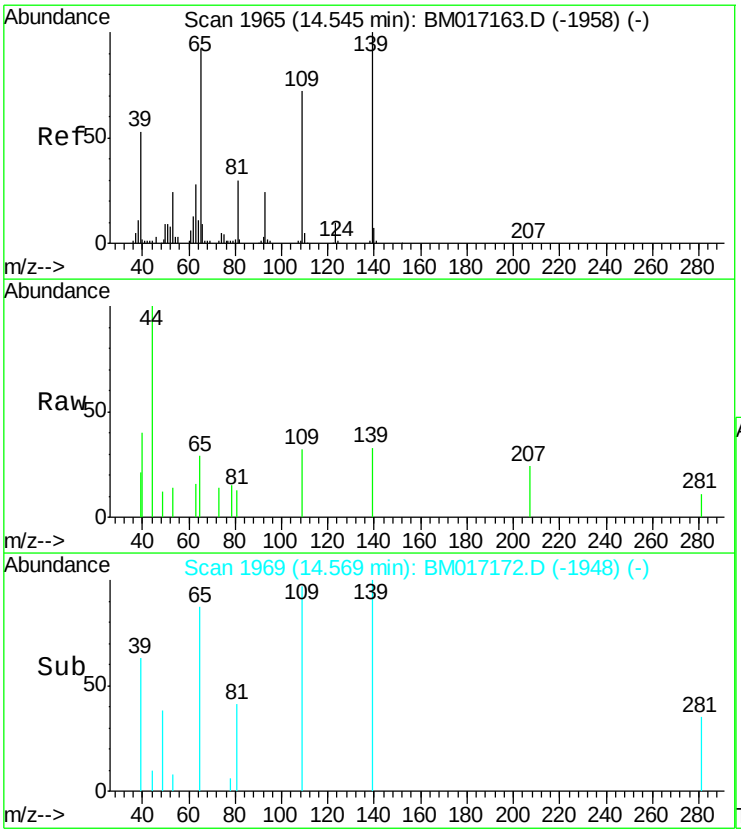
#54
2,4-Dinitrophenol
Concen: 8.403 ng
RT: 14.46 min Scan# 1950
Delta R.T. 0.02 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:184 Resp: 857

Ion	Ratio	Lower	Upper
184	100		
63	132.1	51.2	76.8#
154	77.8	47.8	71.8#

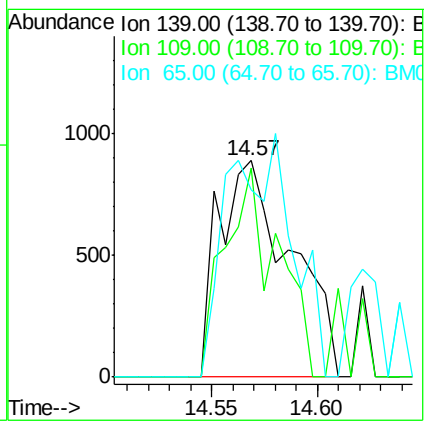


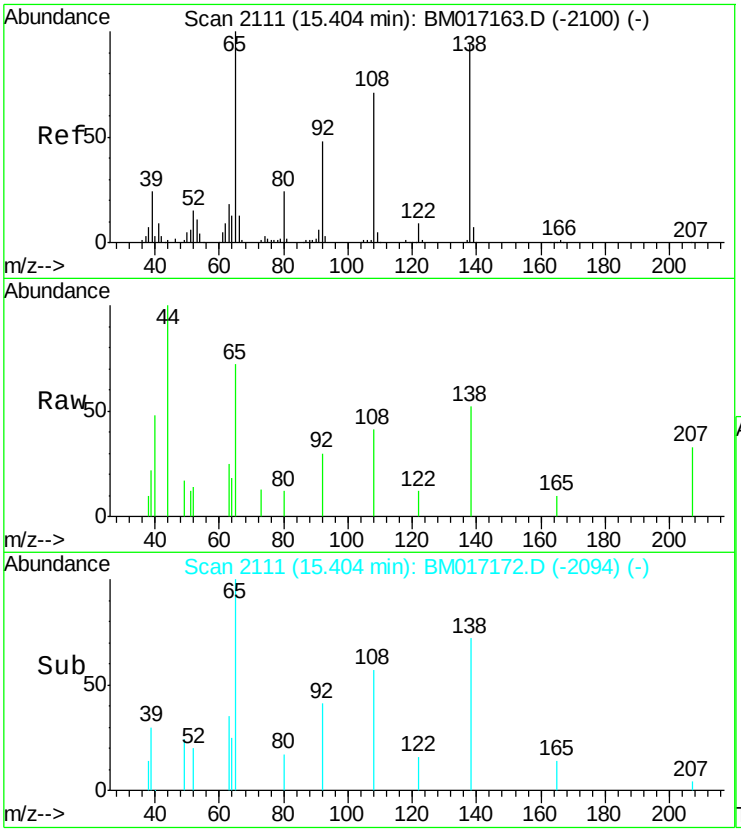


#56
4-Nitrophenol
Concen: 4.988 ng
RT: 14.57 min Scan# 1969
Delta R.T. 0.02 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Tgt Ion:139 Resp: 2108

Ion	Ratio	Lower	Upper
139	100		
109	96.8	51.8	91.8#
65	86.7	72.1	112.1



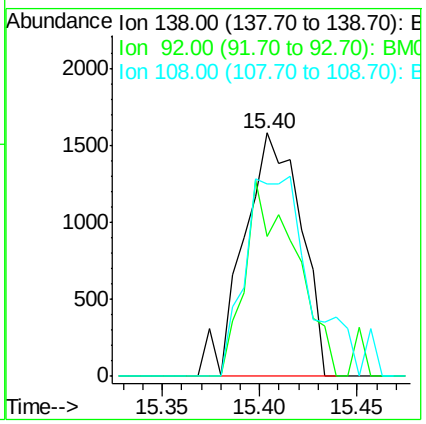


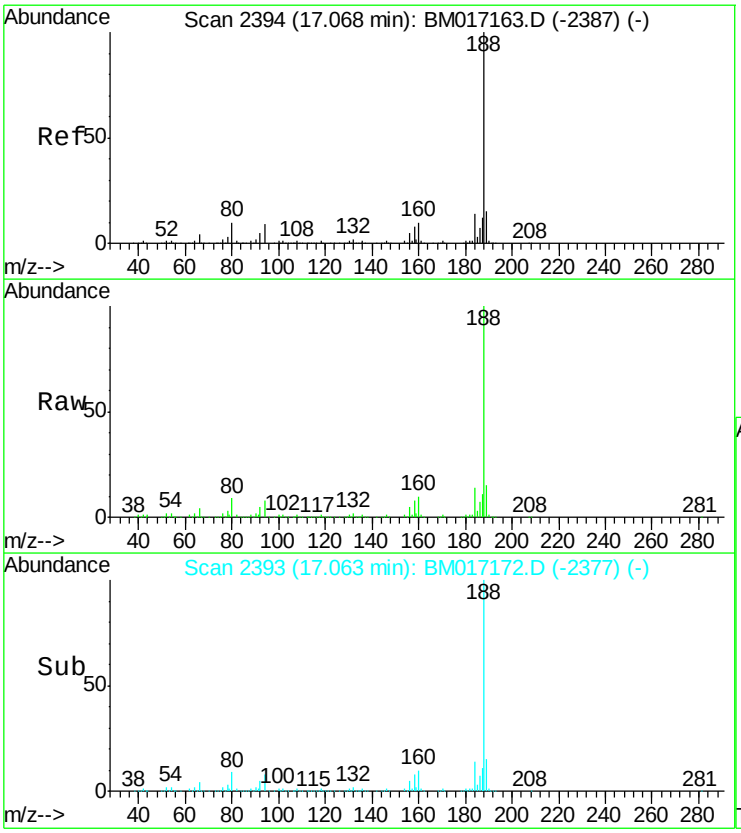
#62
4-Nitroaniline
Concen: 5.075 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:138 Resp: 3191

Ion	Ratio	Lower	Upper
138	100		
92	57.5	31.2	71.2
108	79.0	55.5	95.5

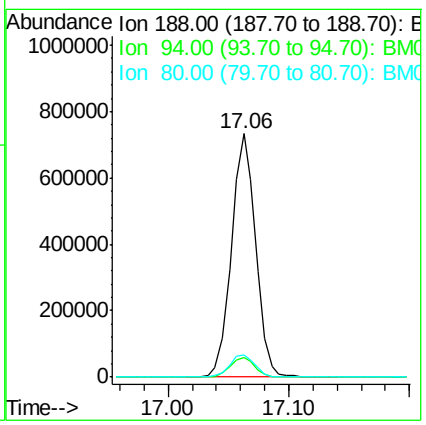


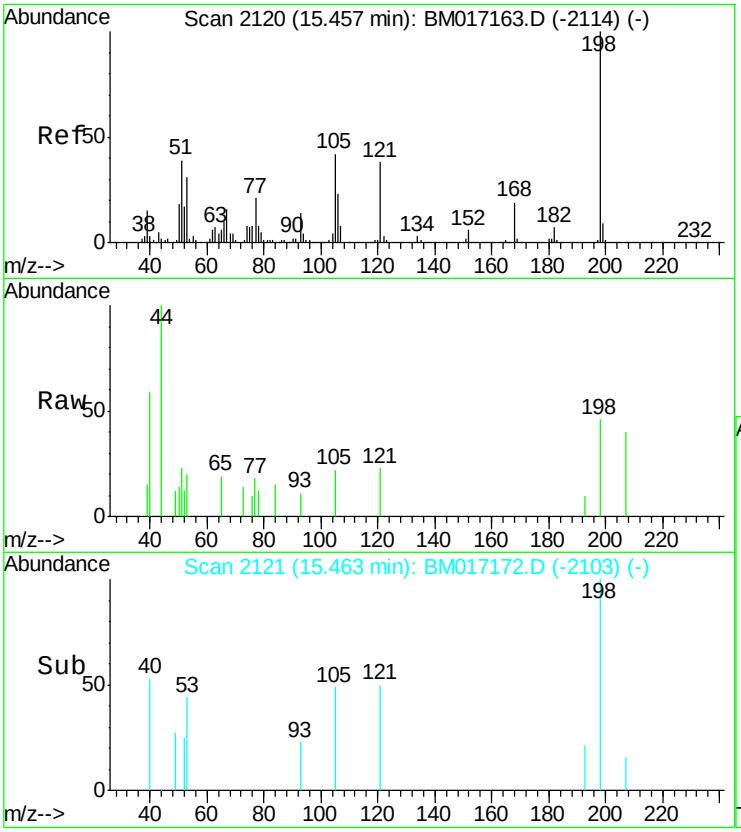


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Tgt Ion:188 Resp: 1021786

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



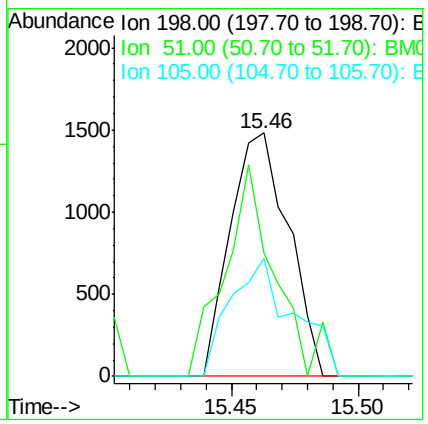


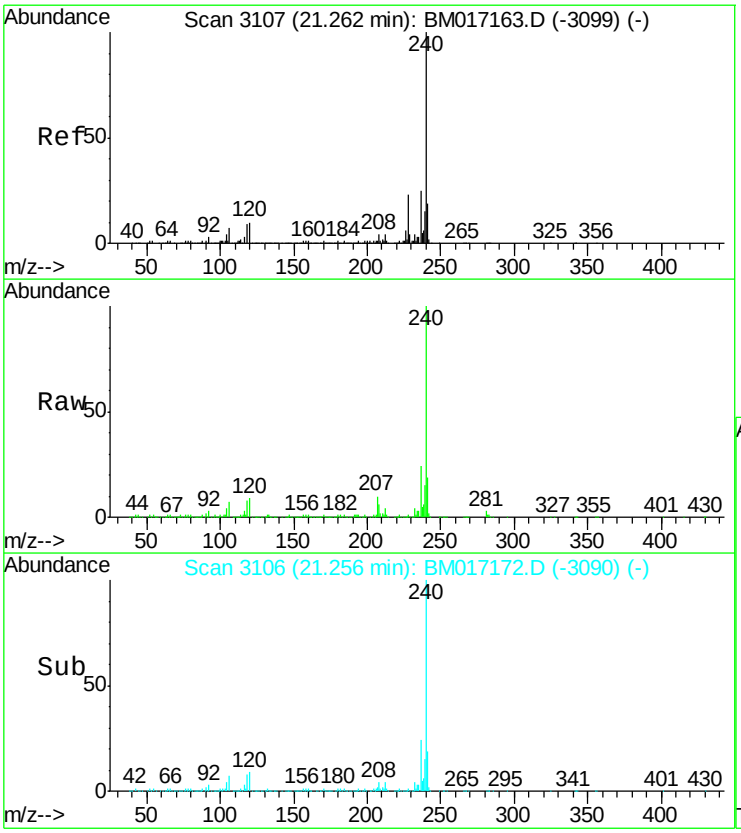
#65
4,6-Dinitro-2-methylphenol
Concen: 7.311 ng
RT: 15.46 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:198 Resp: 2369

Ion	Ratio	Lower	Upper
198	100		
51	50.9	20.3	60.3
105	48.5	21.9	61.9

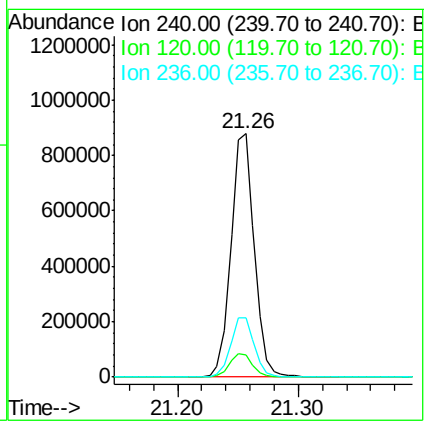


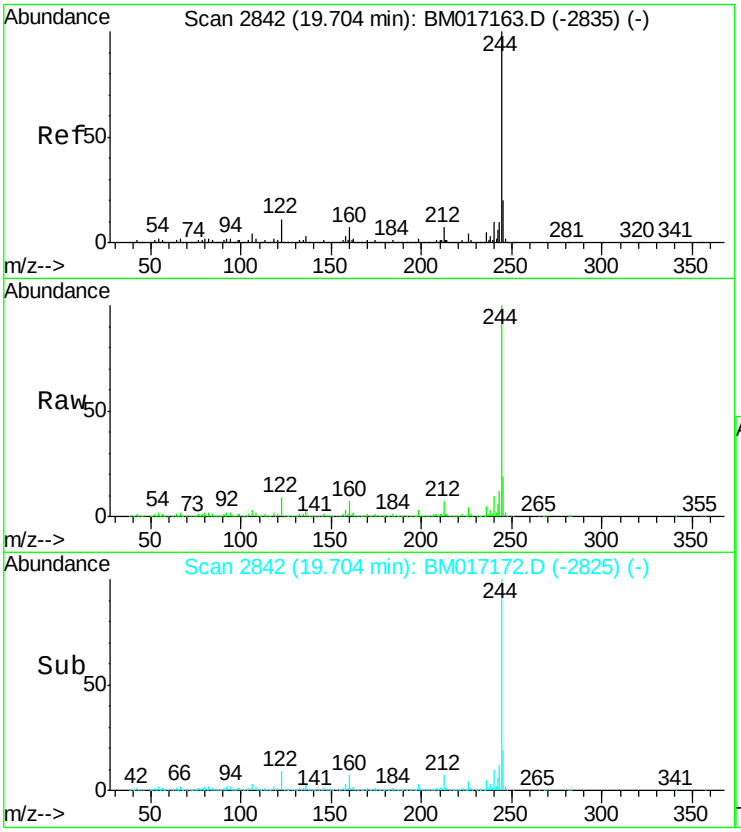


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Tgt Ion:240 Resp: 1178991

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.1	12.1
236	24.4	19.9	29.9



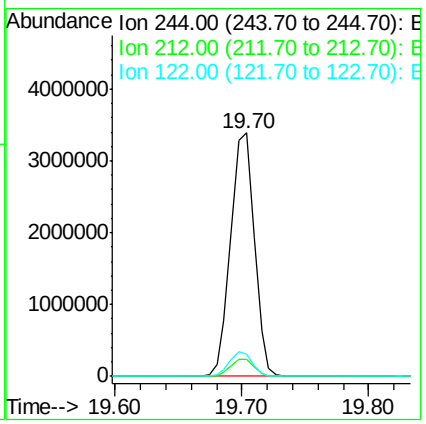


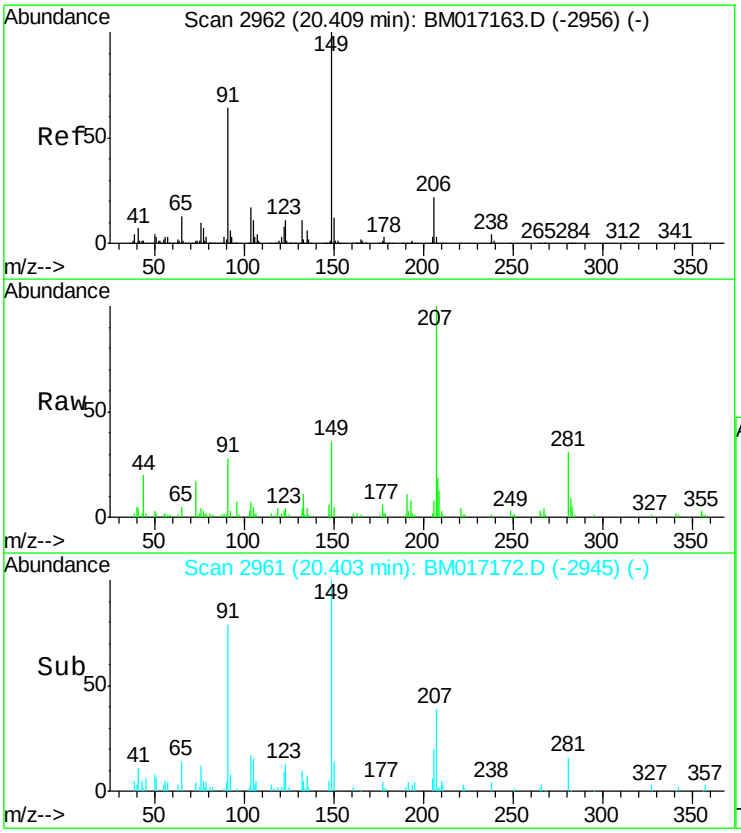
#79
Terphenyl-d14
Concen: 83.750 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:244 Resp: 4380660

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.2	8.4	12.6

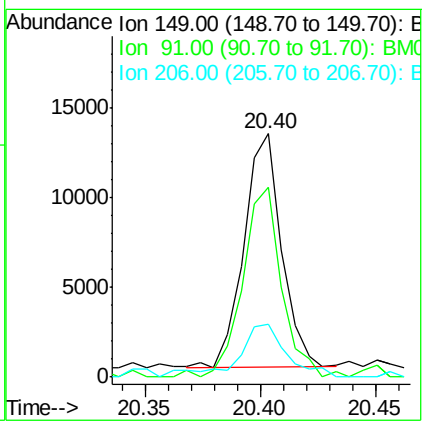


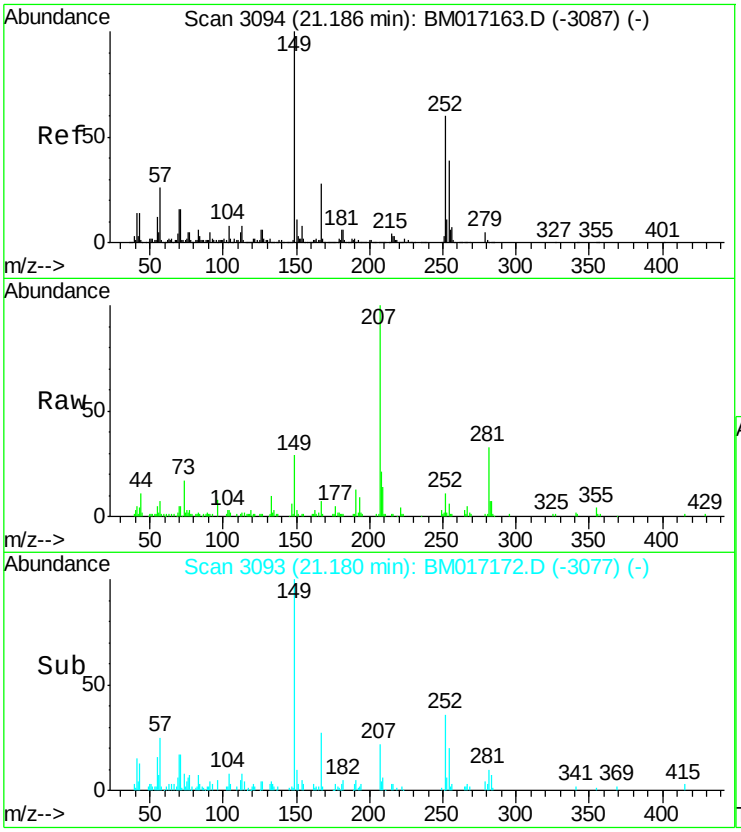


#80
Butylbenzylphthalate
Concen: 7.678 ng
RT: 20.40 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Tgt Ion:149 Resp: 14798

Ion	Ratio	Lower	Upper
149	100		
91	77.9	51.3	76.9#
206	21.5	18.0	27.0



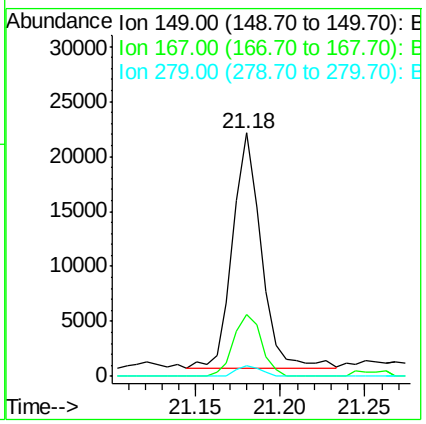


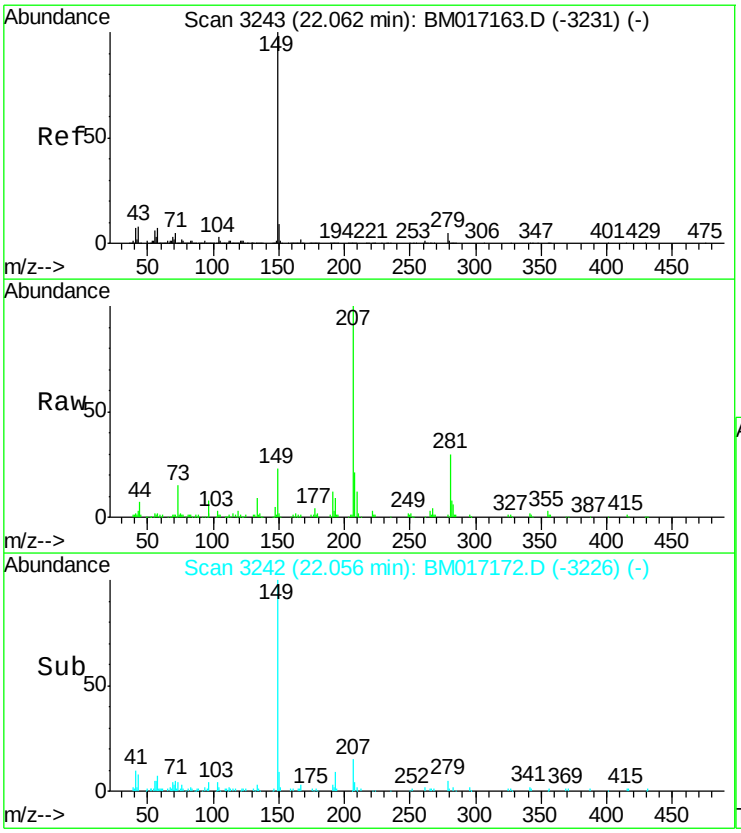
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.895 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:149 Resp: 25306

Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.2	33.4
279	4.3	3.6	5.4

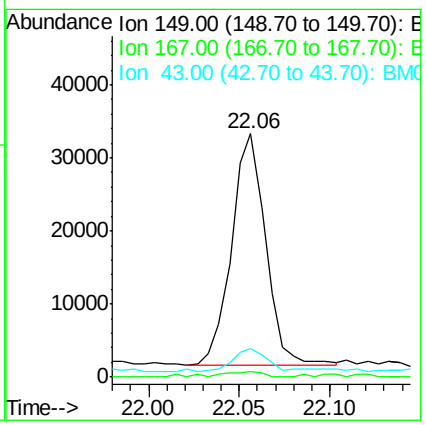


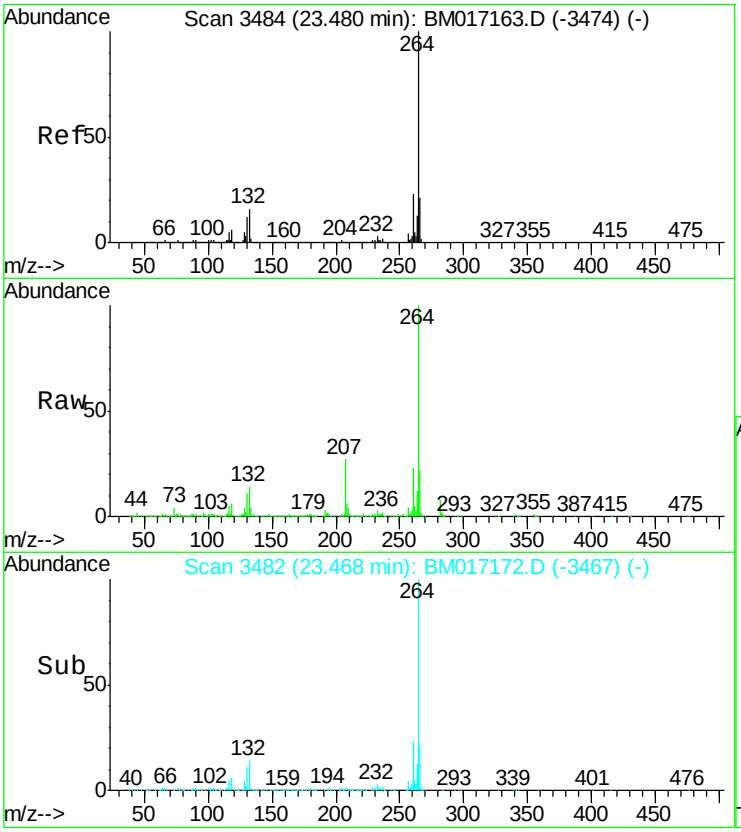


#85
Di-n-octyl phthalate
Concen: 6.132 ng
RT: 22.06 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BM017172.D
Acq: 17 Oct 2018 23:35

Tgt Ion:149 Resp: 41205

Ion	Ratio	Lower	Upper
149	100		
167	2.9	1.4	2.0#
43	10.2	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: BM017172.D
Acq: 17 Oct 2018 23:35

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:264 Resp: 1176124

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.0	17.8	26.8