Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017175.D
Acq On : 18 Oct 2018 01:23
Operator : MJ/SJ
Sample : J5164-07
Misc : LOD 8 PPM
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 18 13:25:09 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	221715	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	923883	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	544136	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1281083	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1525069	20.00	ng	0.00
87) Perylene-d12	23.47	264	1572117	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1575447	120.18	ng	0.00
7) Phenol-d6	6.85	99	2061305	115.46	ng	0.00
23) Nitrobenzene-d5	8.82	82	1217163	77.05	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	886824	120.51	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2945036	72.01	ng	0.00
79) Terphenyl-d14	19.70	244	4667775	68.99	ng	0.00
Target Compounds						Qvalue
41) Hexachlorocyclopentadiene	12.46	237	74009	7.989	ng	100
54) 2,4-Dinitrophenol	14.44	184	23038	12.039	ng	94
69) Atrazine	16.54	200	86315	6.222	ng	96

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

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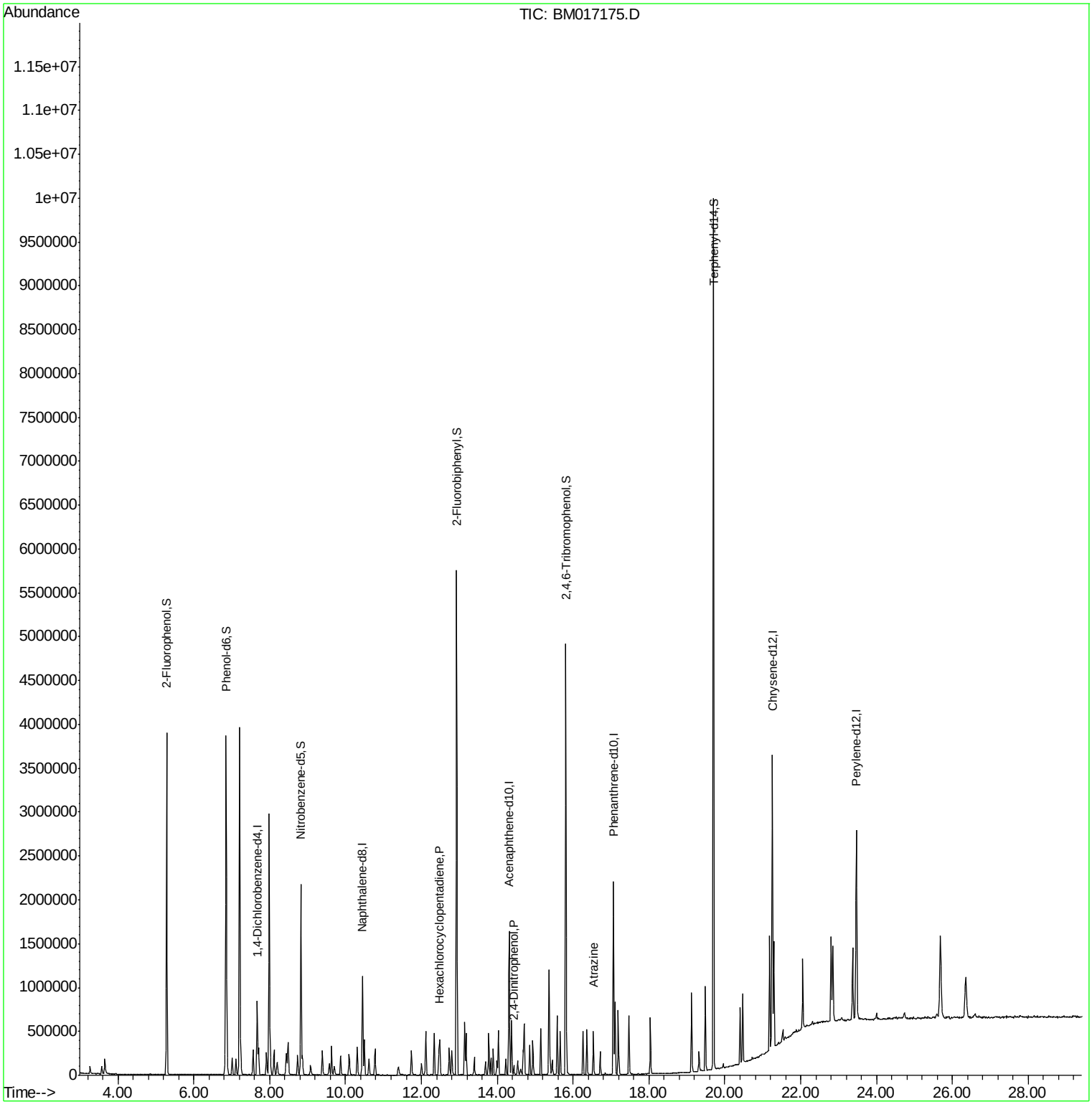
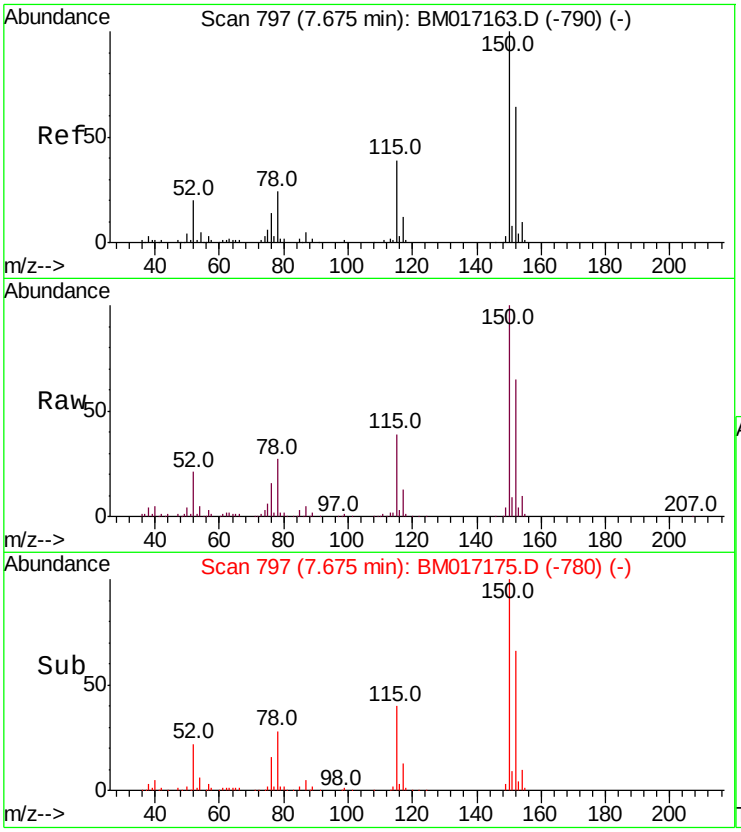


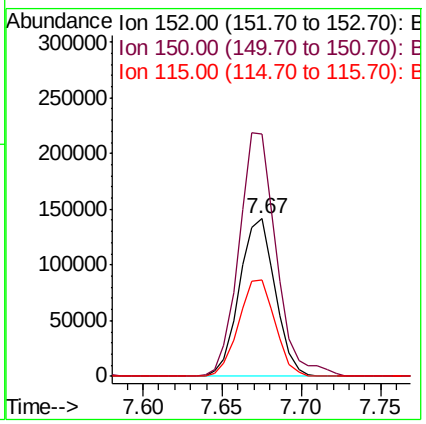


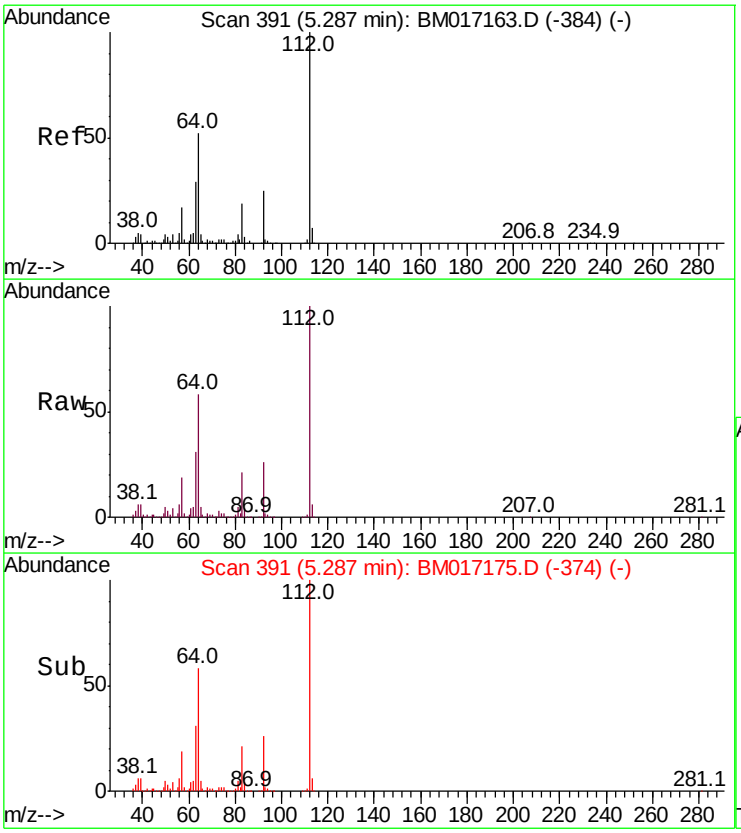
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

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

Tgt Ion:152 Resp: 221715

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.3	186.5
115	60.7	48.1	72.1

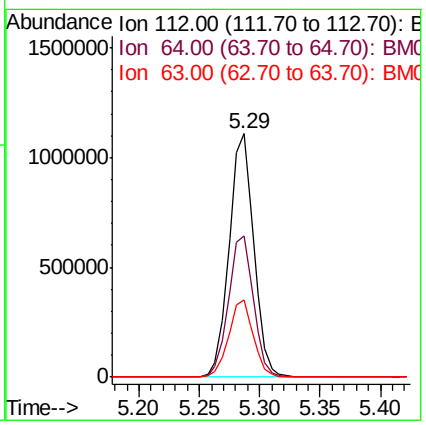


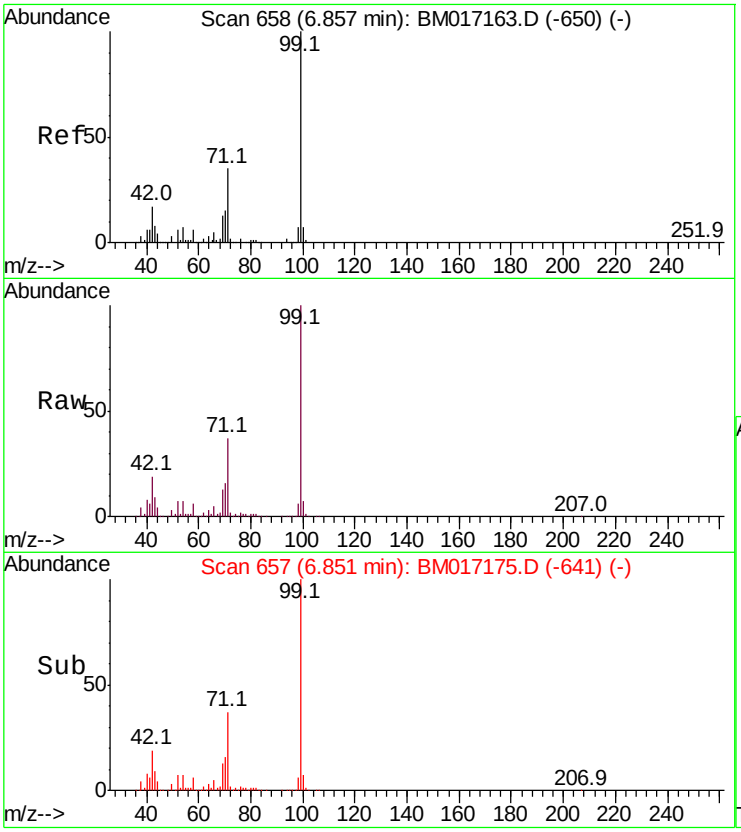


#5
2-Fluorophenol
Concen: 120.182 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:112 Resp: 1575447

Ion	Ratio	Lower	Upper
112	100		
64	57.9	41.7	62.5
63	31.5	23.0	34.4



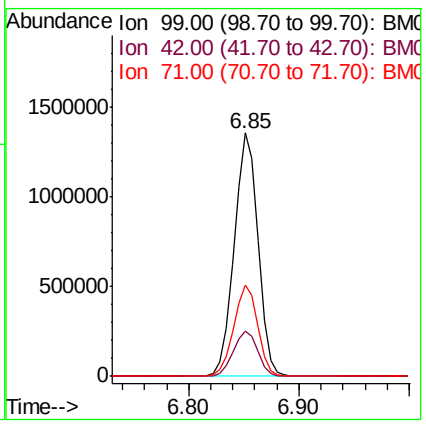


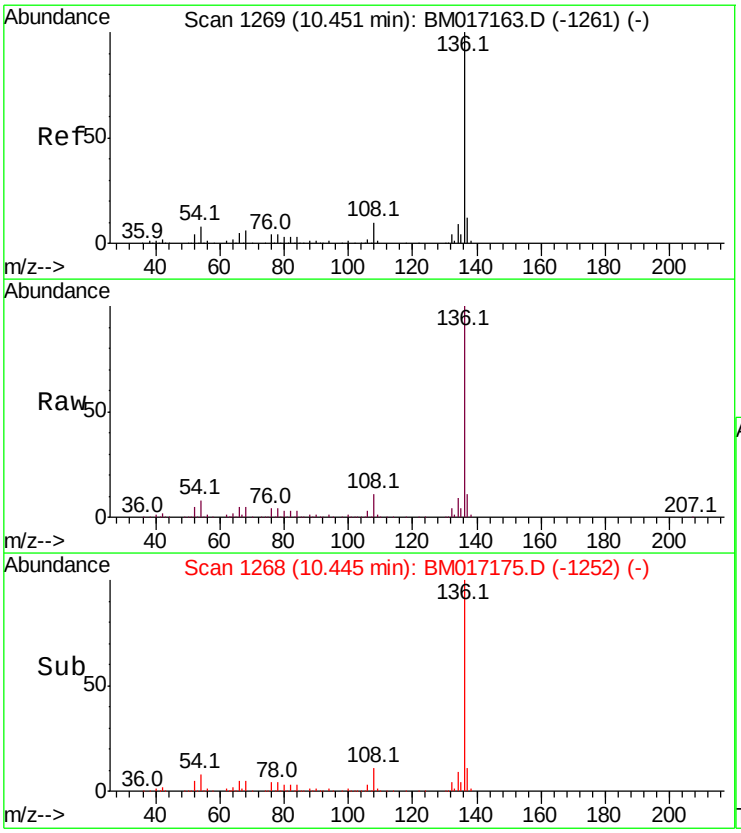
#7
Phenol-d6
Concen: 115.456 ng
RT: 6.85 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

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

Tgt Ion: 99 Resp: 2061305

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.3	19.9
71	37.5	28.0	42.0

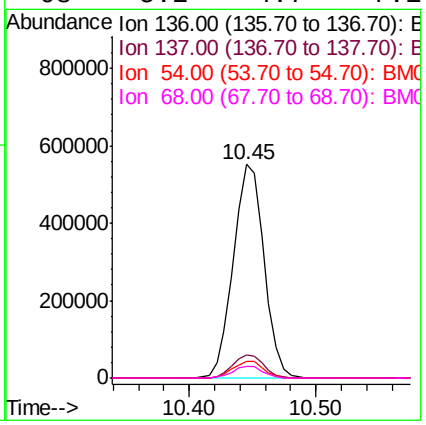


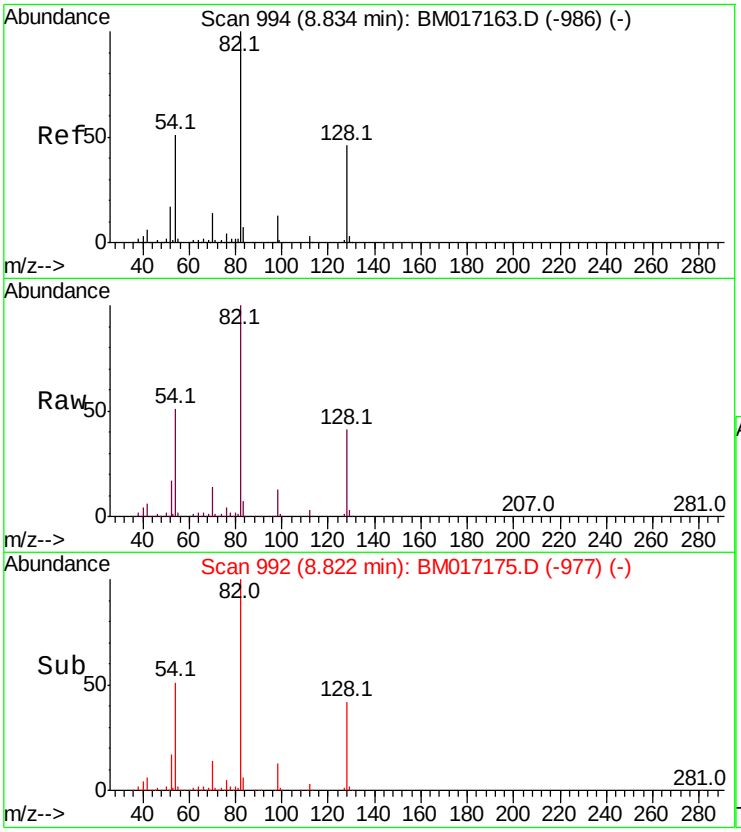


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:136 Resp: 923883

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.7	6.7	10.1
68	5.2	4.7	7.1



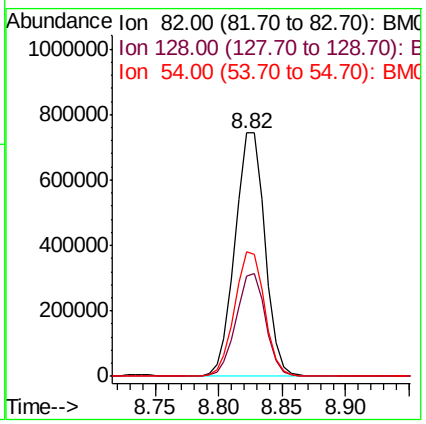


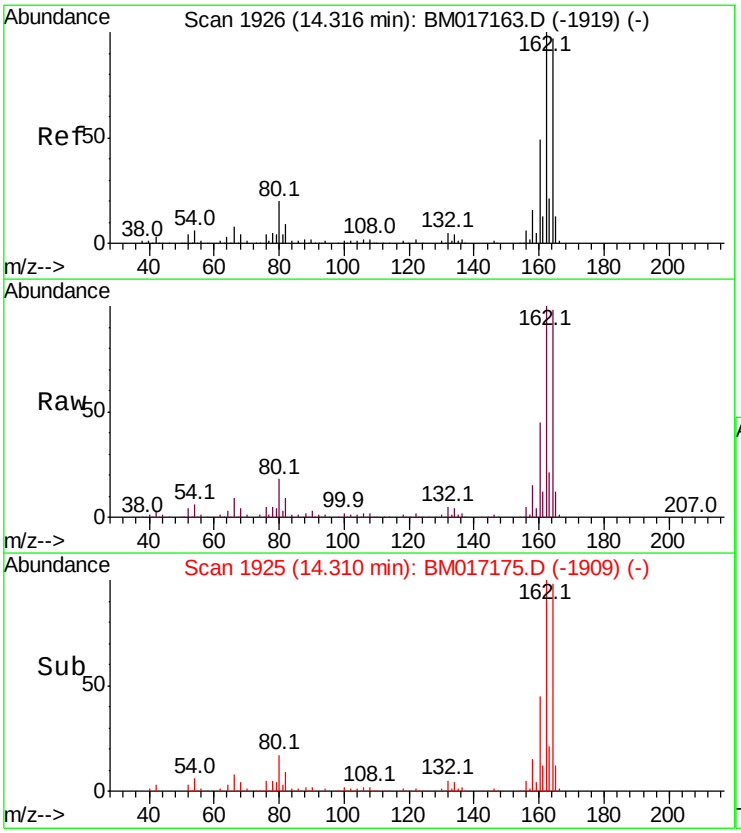
#23
Nitrobenzene-d5
Concen: 77.051 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

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

Tgt Ion: 82 Resp: 1217163

Ion	Ratio	Lower	Upper
82	100		
128	41.2	37.0	55.6
54	50.9	40.7	61.1

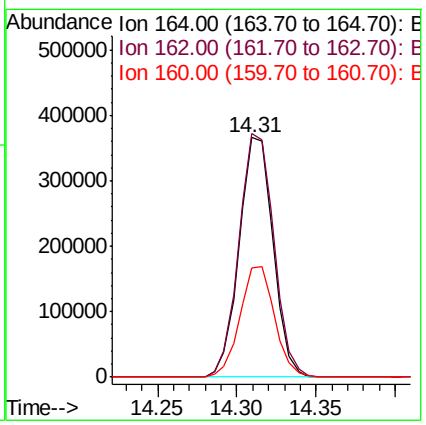


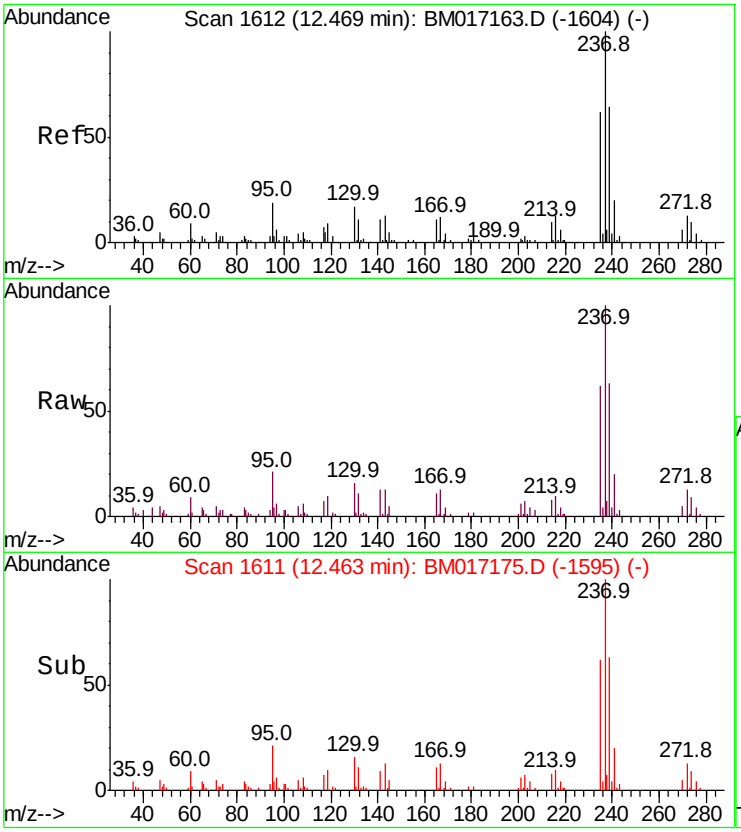


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:164 Resp: 544136

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.1	123.1
160	45.9	40.2	60.2



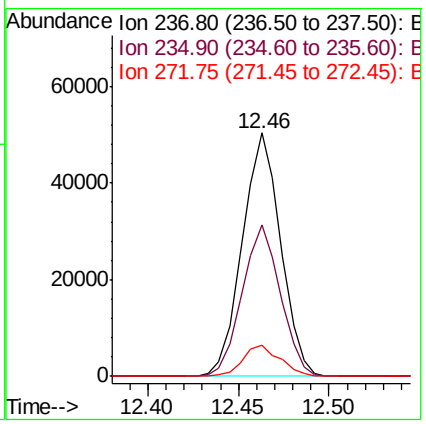


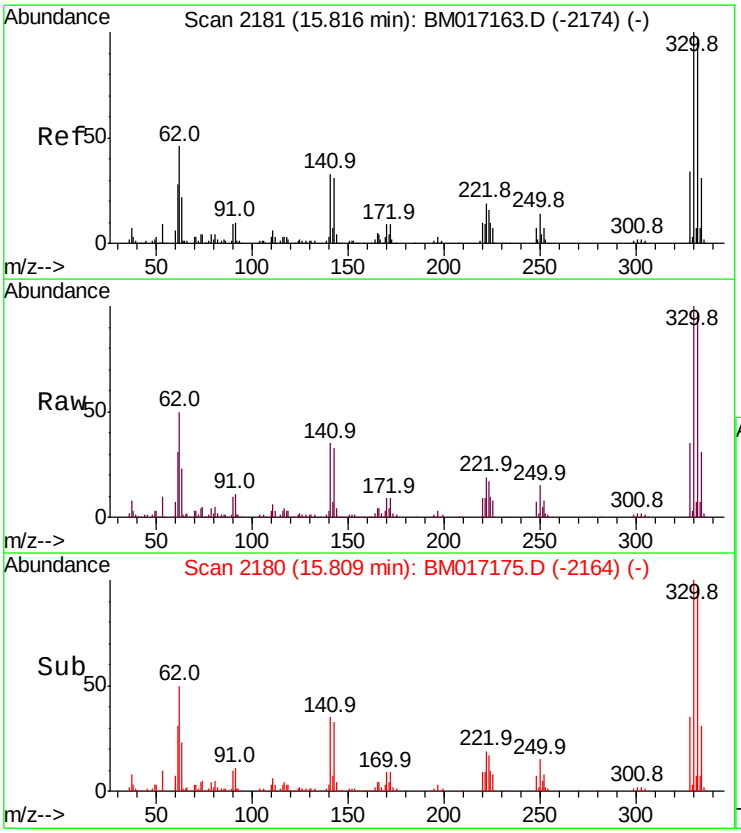
#41
Hexachlorocyclopentadiene
Concen: 7.989 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

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

Tgt Ion:237 Resp: 74009

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.4	82.4
272	12.9	0.0	33.0

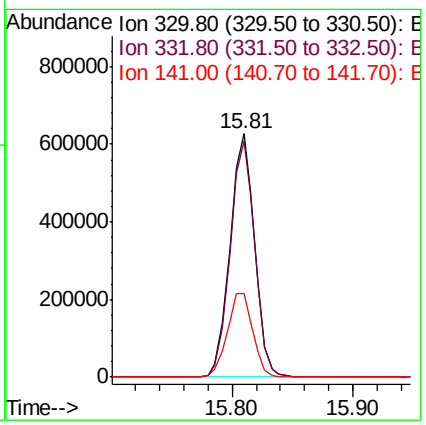


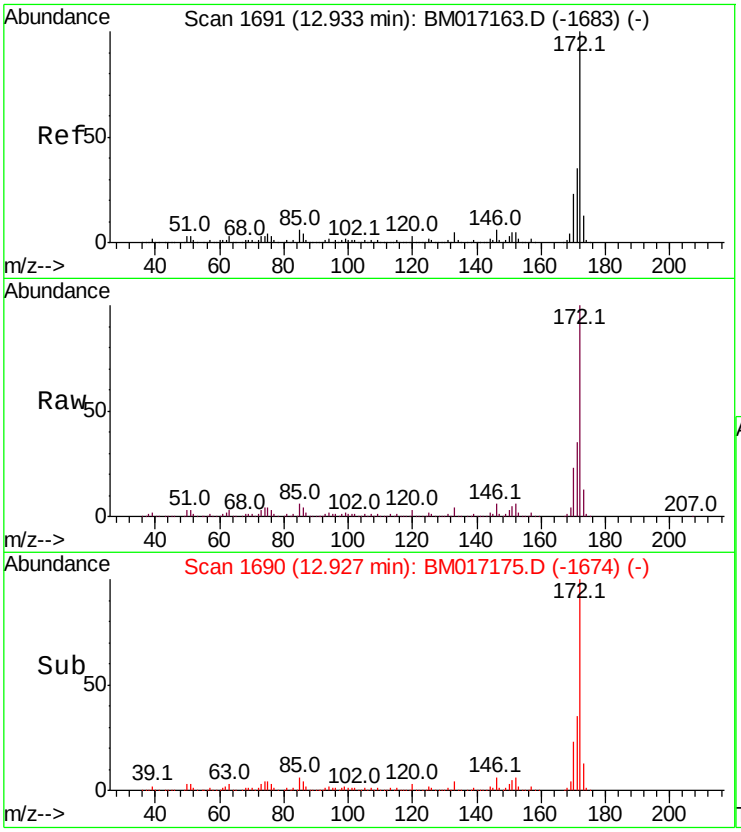


#42
2,4,6-Tribromophenol
Concen: 120.515 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:330 Resp: 886824

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	35.9	27.4	41.0



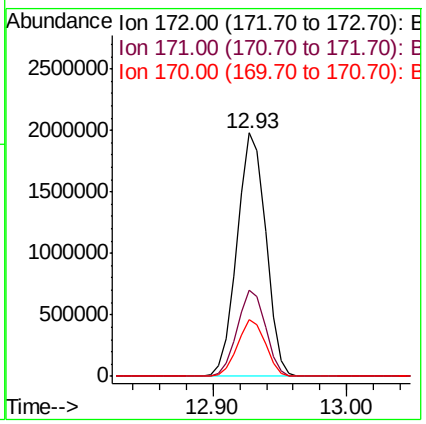


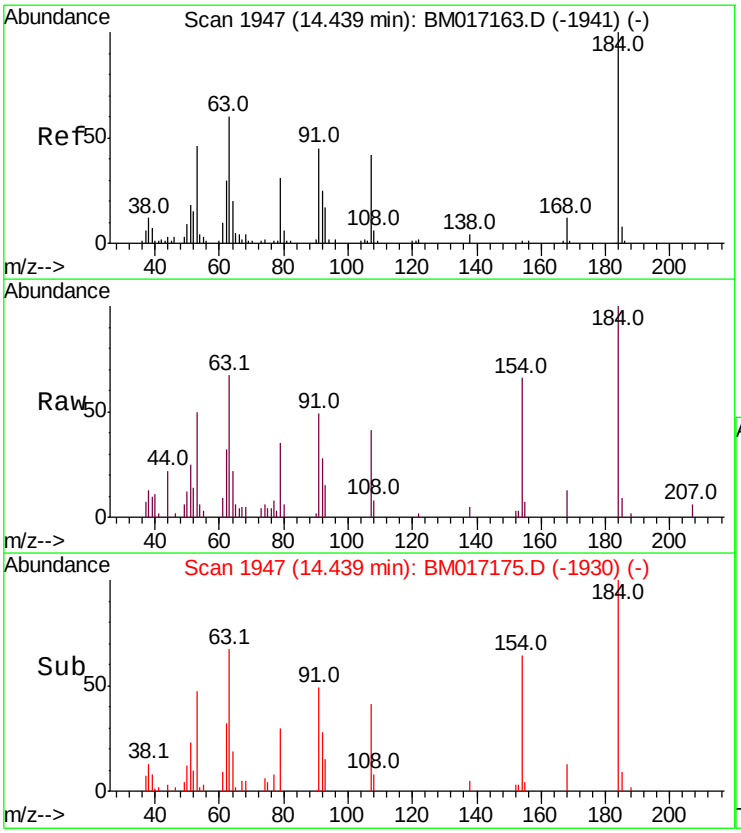
#45
2-Fluorobiphenyl
Concen: 72.013 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

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

Tgt Ion:172 Resp: 2945036

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.1	18.3	27.5

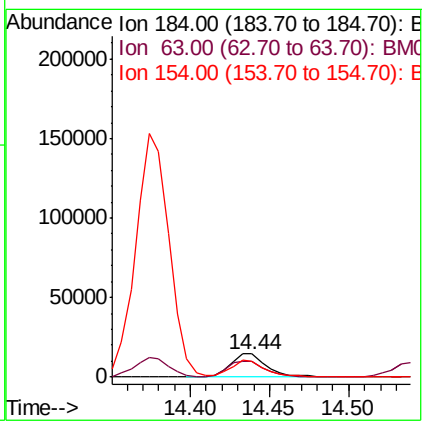


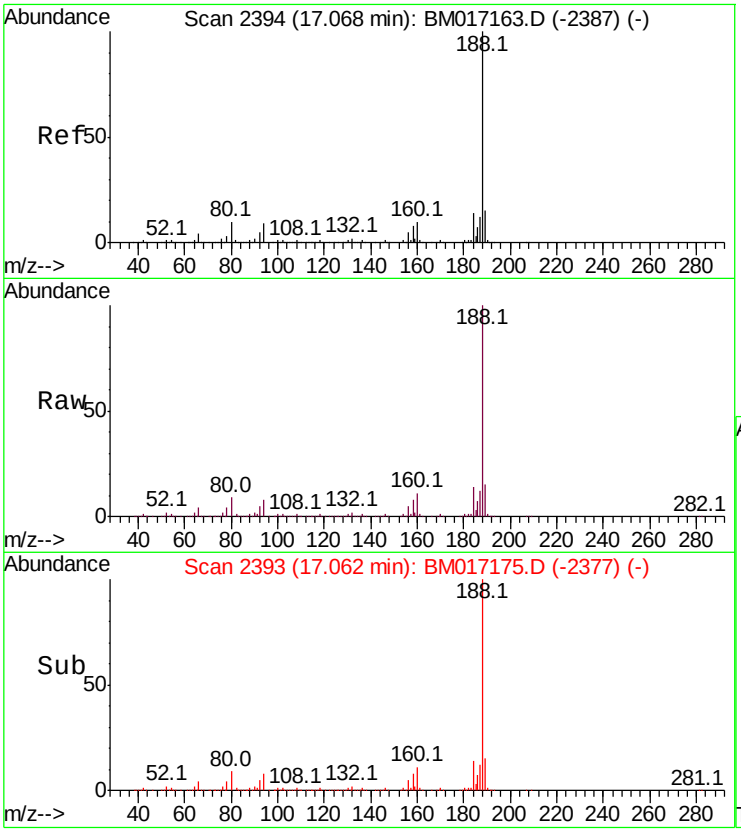


#54
2,4-Dinitrophenol
Concen: 12.039 ng
RT: 14.44 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:184 Resp: 23038

Ion	Ratio	Lower	Upper
184	100		
63	66.8	51.2	76.8
154	66.5	47.8	71.8



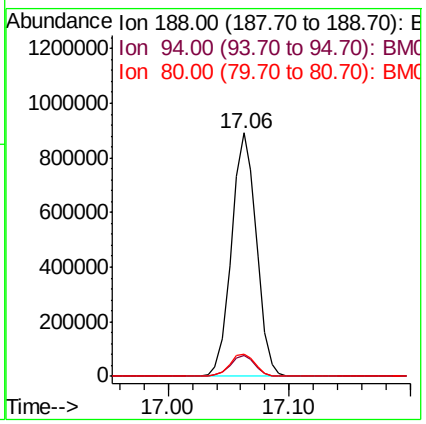


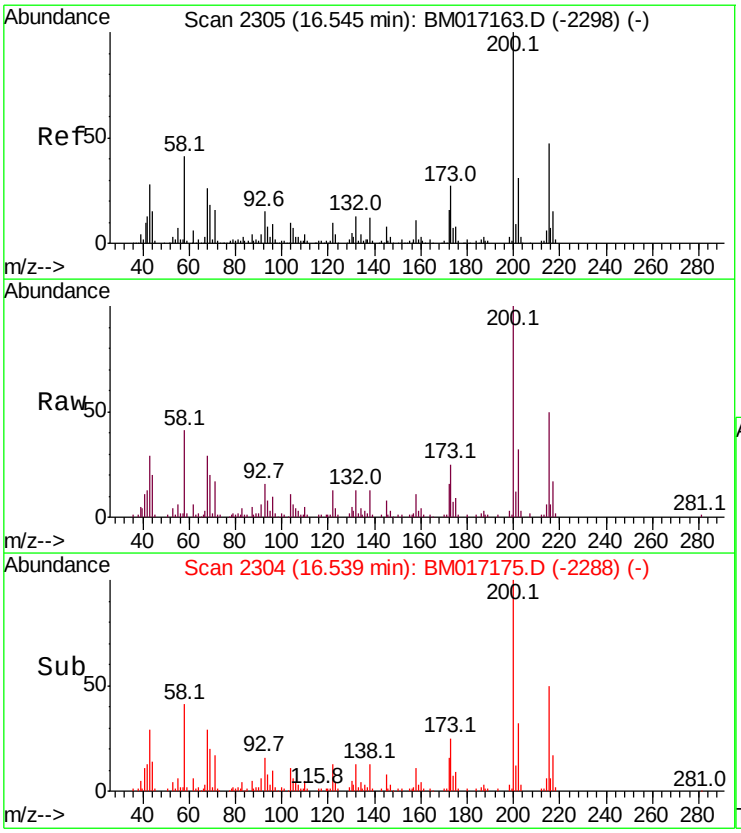
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

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

Tgt Ion:188 Resp: 1281083

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	9.4	7.7	11.5

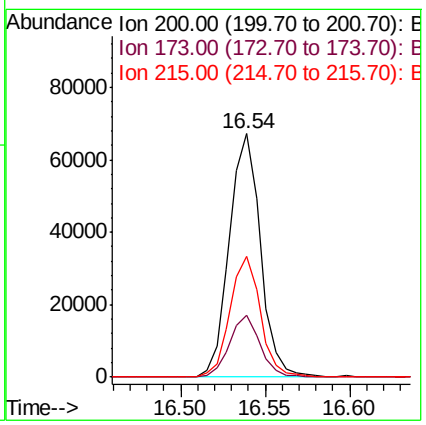


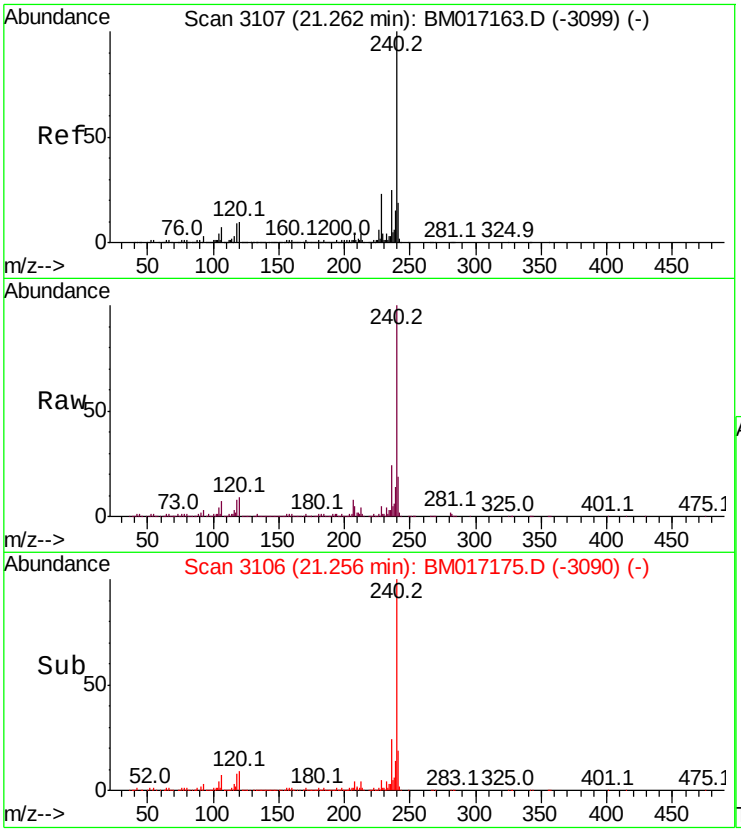


#69
Atrazine
Concen: 6.222 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:200 Resp: 86315

Ion	Ratio	Lower	Upper
200	100		
173	25.2	7.0	47.0
215	49.7	27.3	67.3



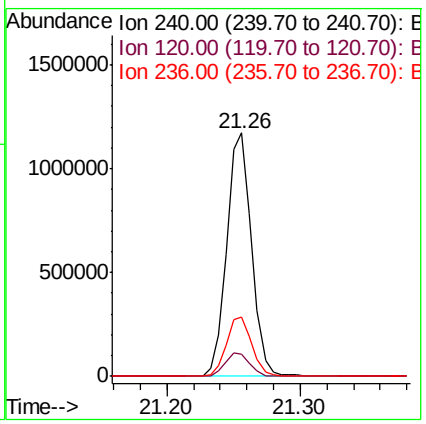


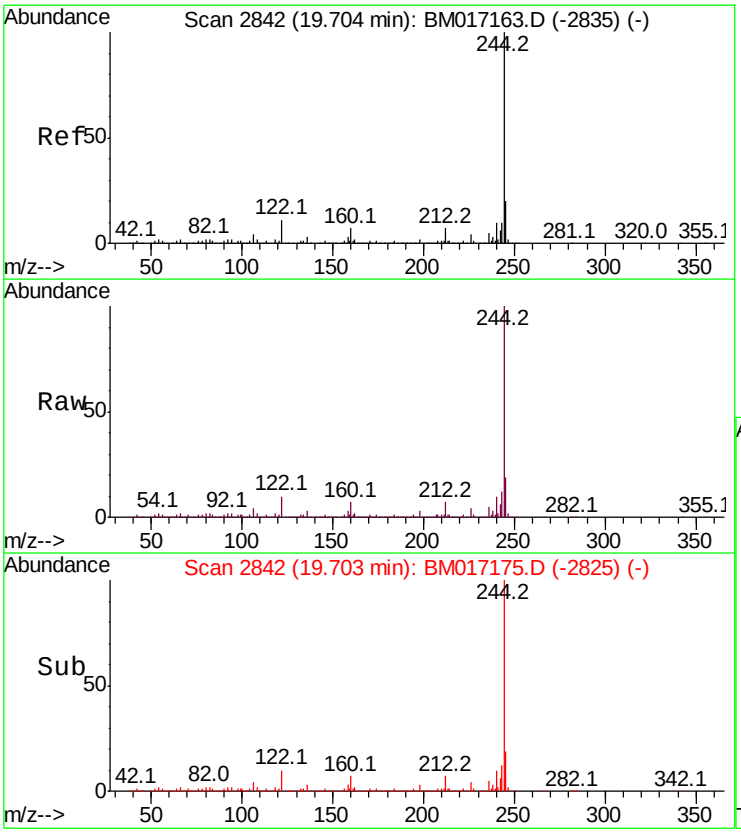
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

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

Tgt Ion:240 Resp: 1525069

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	24.2	19.9	29.9

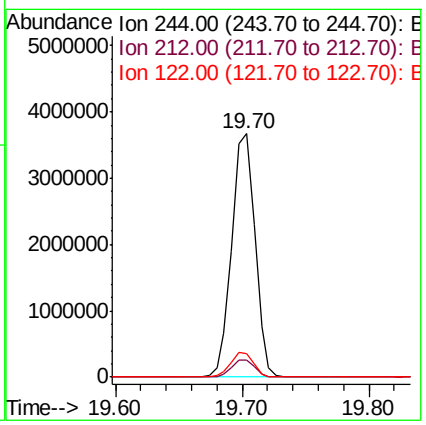


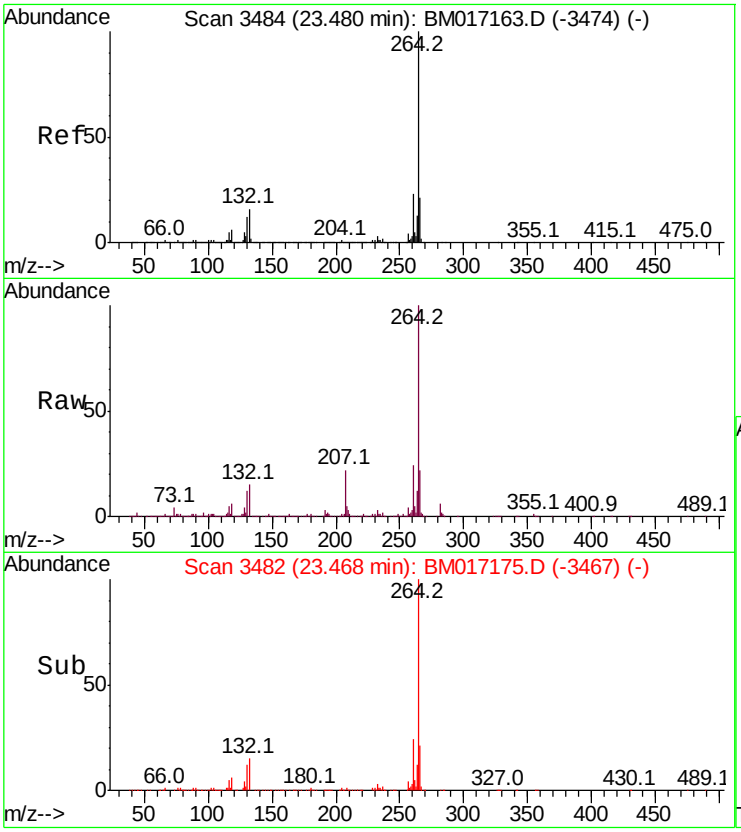


#79
Terphenyl-d14
Concen: 68.988 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:244 Resp: 4667775

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.5	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

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

Tgt Ion:264 Resp: 1572117

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.8	17.8	26.8