Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014188.D
Acq On : 08 Feb 2018 11:26
Operator : SJ/JU
Sample : J1161-09
Misc : LOD 8 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2018

Quant Time: Feb 08 17:12:32 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	67172	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	323750	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	219474	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	566724	20.00	ng	0.00
75) Chrysene-d12	21.16	240	652897	20.00	ng	0.00
86) Perylene-d12	23.34	264	580271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	566001	146.87	ng	0.00
7) Phenol-d6	6.73	99	776855	142.33	ng	0.00
23) Nitrobenzene-d5	8.70	82	751517	103.69	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	444840	142.84	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1788973	101.75	ng	0.00
78) Terphenyl-d14	19.60	244	3282114	98.22	ng	0.00
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	12.33	237	18411	9.941	ng	94
53) 2,4-Dinitrophenol	14.39	184	6394	10.190	ng	89
69) Pentachlorophenol	16.63	266	23013	10.202	ng	93

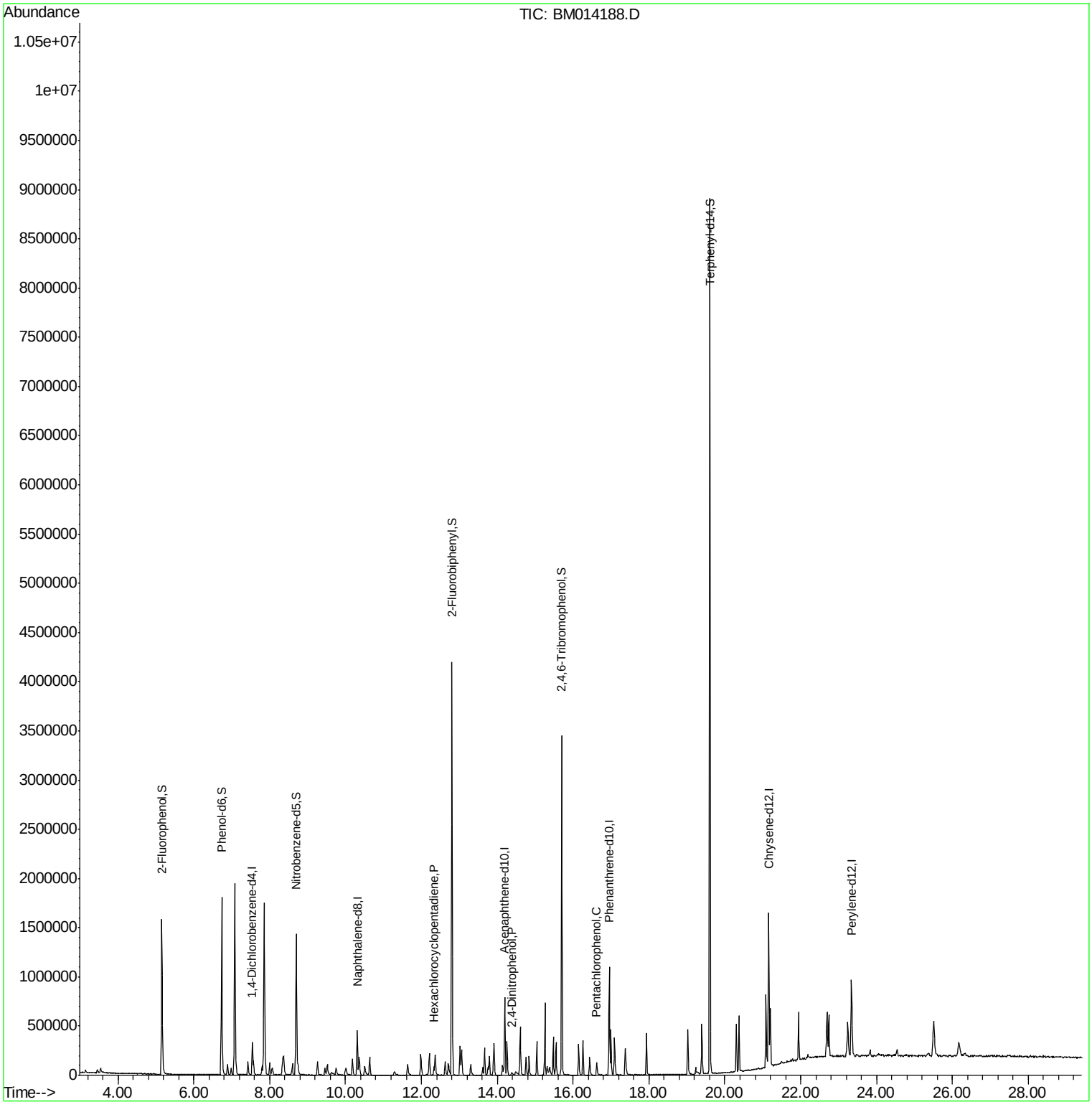
(#) = qualifier out of range (m) = manual integration (+) = signals summed

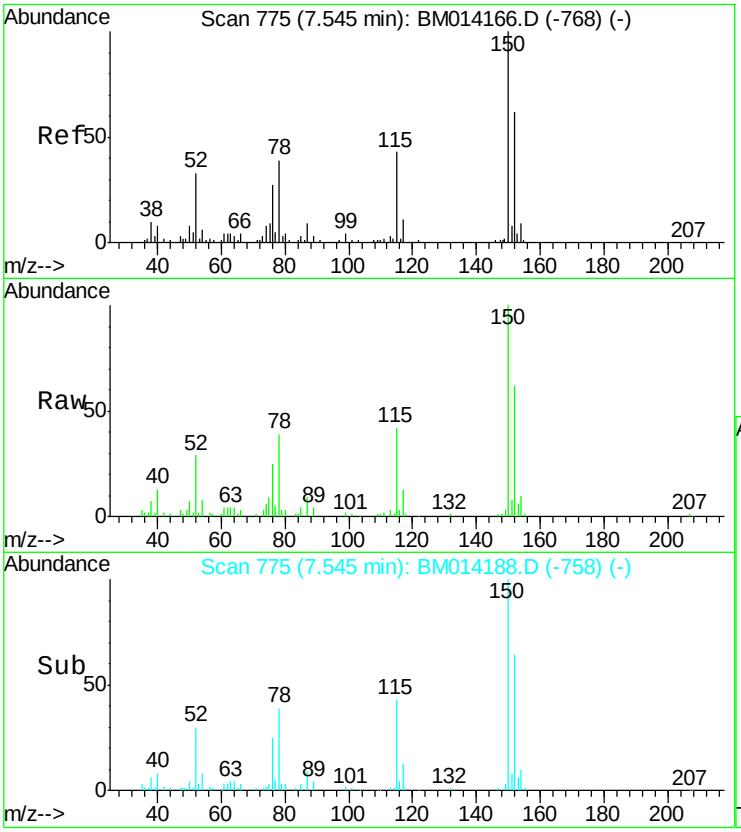
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014188.D
Acq On : 08 Feb 2018 11:26
Operator : SJ/JU
Sample : J1161-09
Misc : LOD 8 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

Quant Time: Feb 08 17:12:32 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration



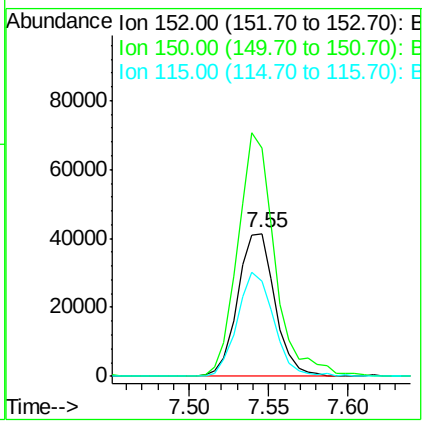


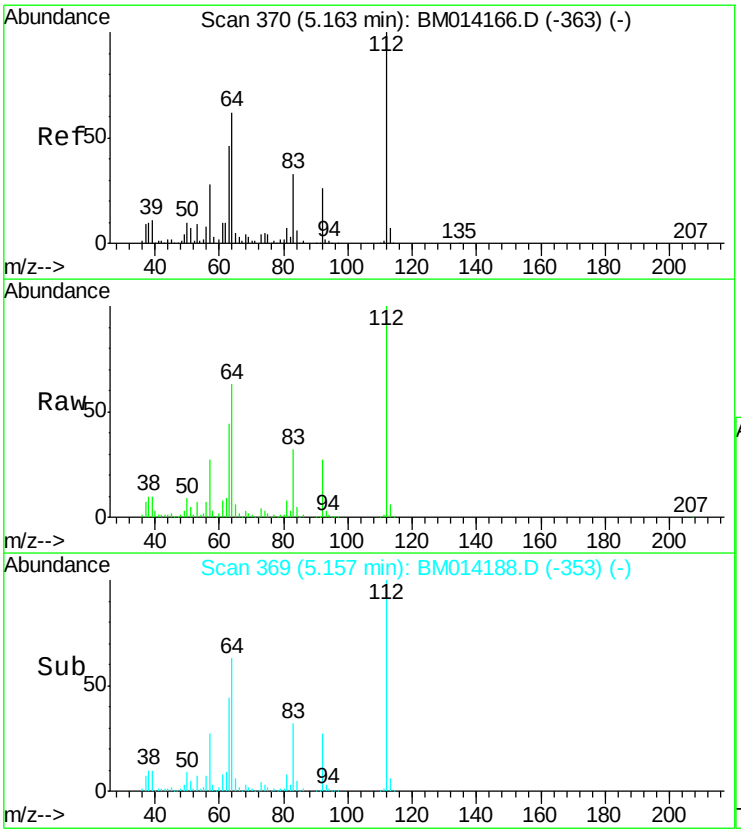
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion:152 Resp: 67172

Ion	Ratio	Lower	Upper
152	100		
150	160.1	119.5	179.3
115	67.0	43.0	64.4#

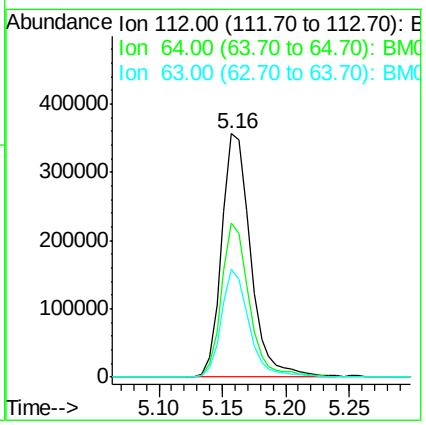


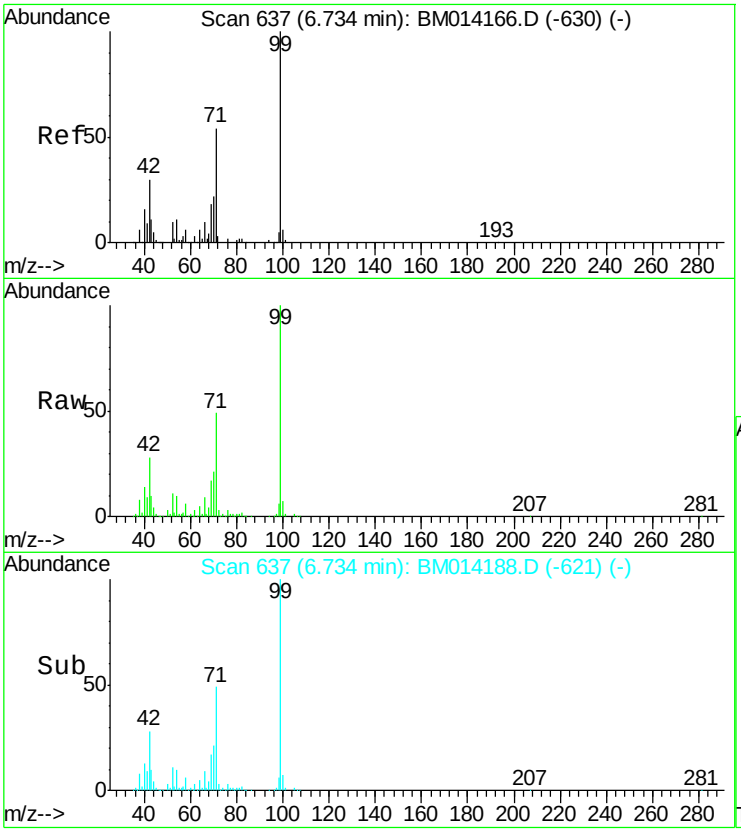


#5
2-Fluorophenol
Concen: 146.866 ng
RT: 5.16 min Scan# 369
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:112 Resp: 566001

Ion	Ratio	Lower	Upper
112	100		
64	63.1	38.6	57.8#
63	44.2	19.3	28.9#



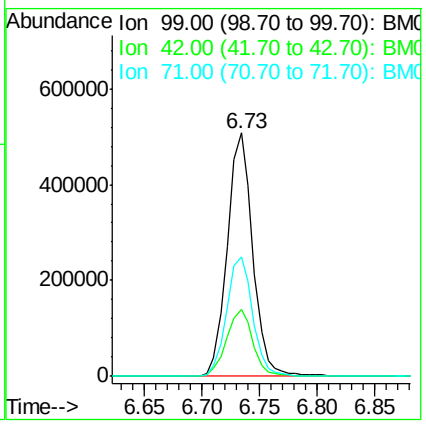


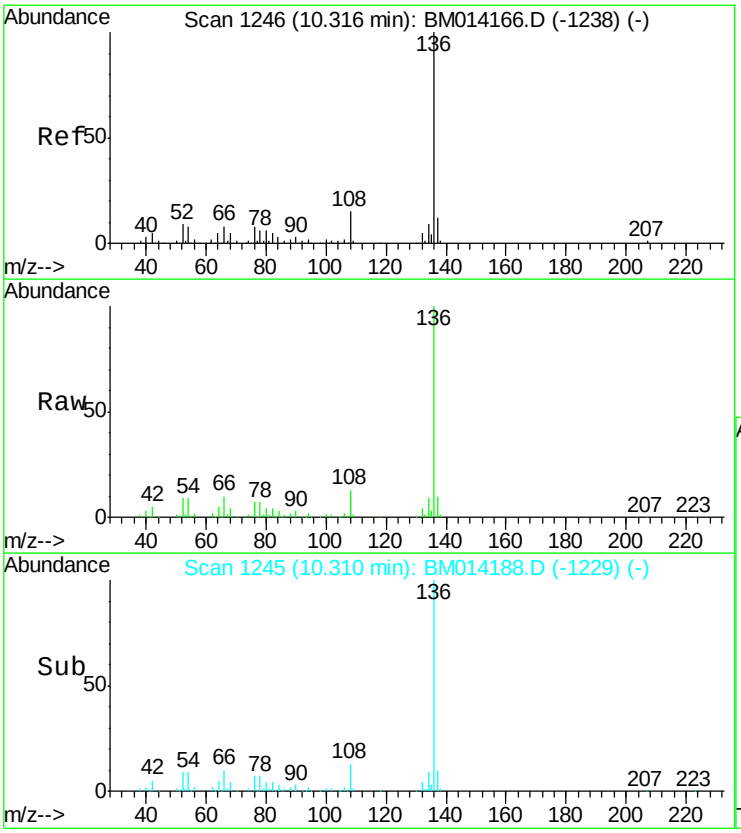
#7
Phenol-d6
Concen: 142.330 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion: 99 Resp: 776855

Ion	Ratio	Lower	Upper
99	100		
42	27.6	11.0	16.4#
71	49.3	23.4	35.2#

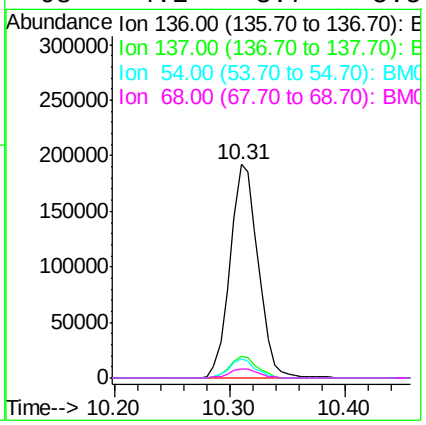


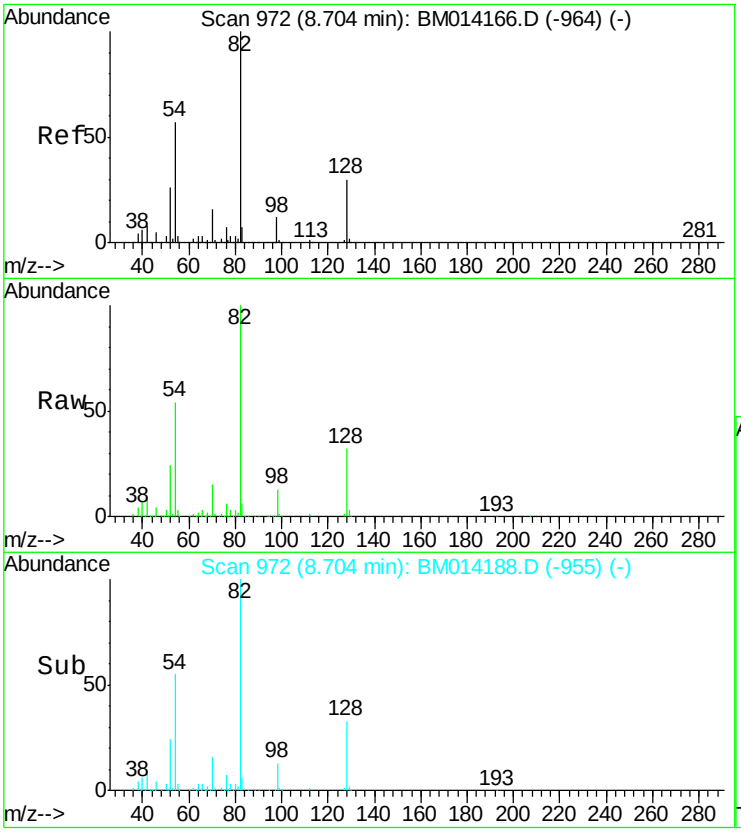


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:136 Resp: 323750

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	9.2	4.6	6.8#
68	4.2	3.7	5.5



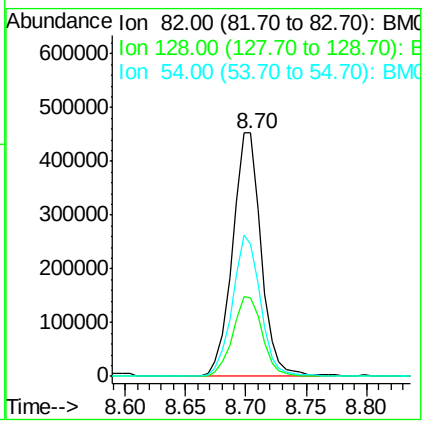


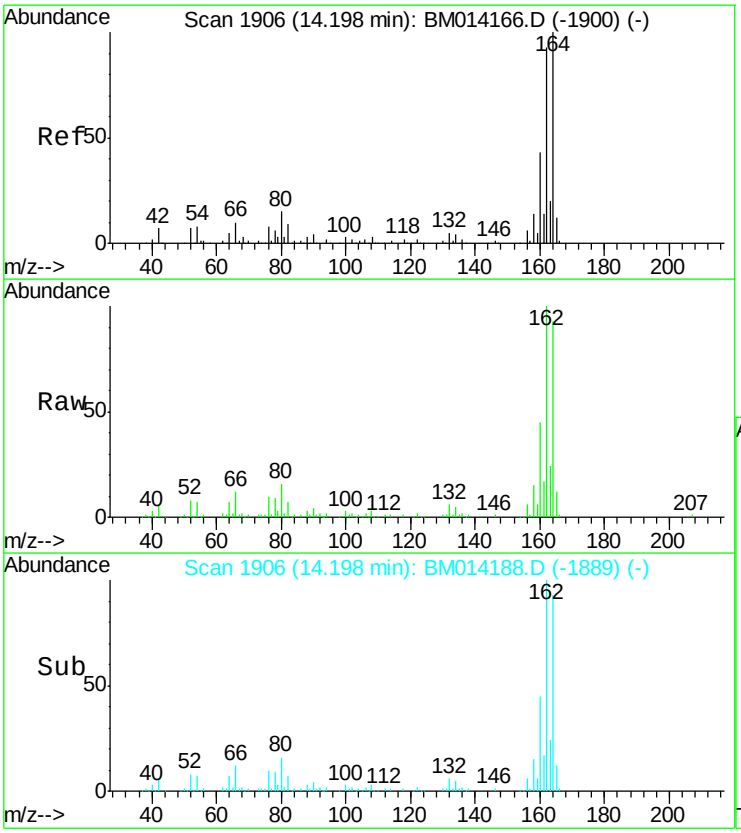
#23
Nitrobenzene-d5
Concen: 103.686 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion: 82 Resp: 751517

Ion	Ratio	Lower	Upper
82	100		
128	32.3	32.8	49.2#
54	54.1	40.6	60.8

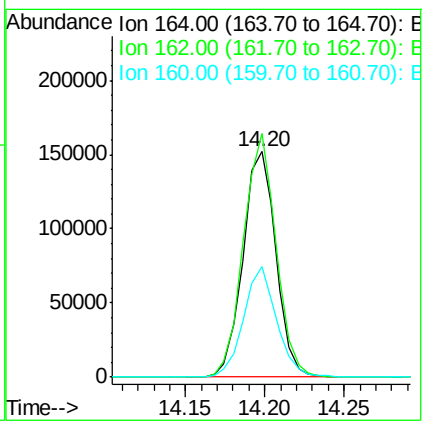


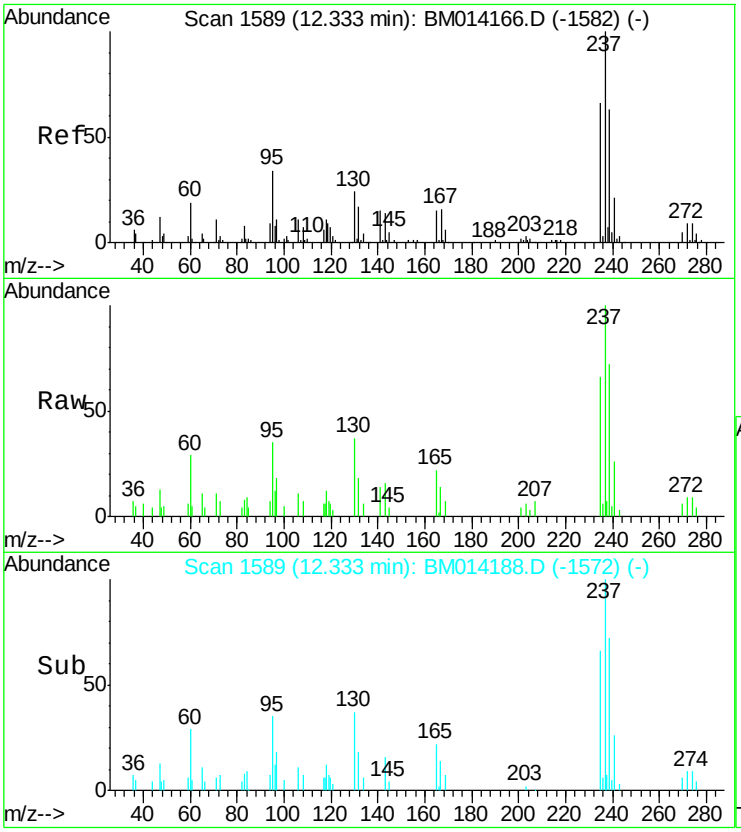


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:164 Resp: 219474

Ion	Ratio	Lower	Upper
164	100		
162	108.0	82.4	123.6
160	48.7	35.8	53.6



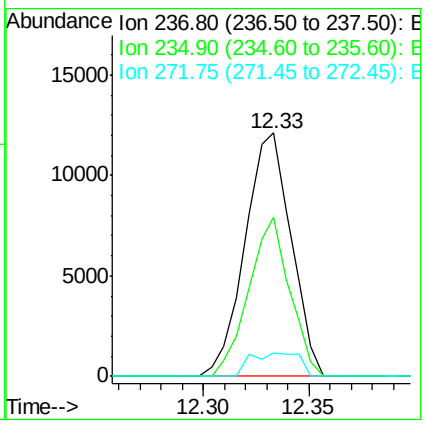


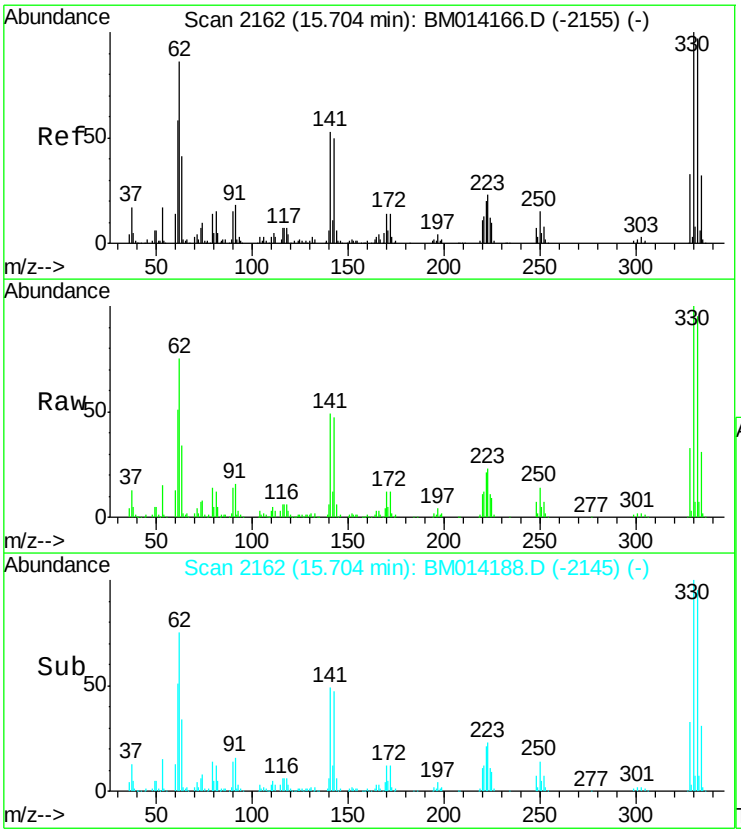
#40
Hexachlorocyclopentadiene
Concen: 9.941 ng
RT: 12.33 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion:237 Resp: 18411

Ion	Ratio	Lower	Upper
237	100		
235	65.5	42.0	82.0
272	9.4	0.0	33.4

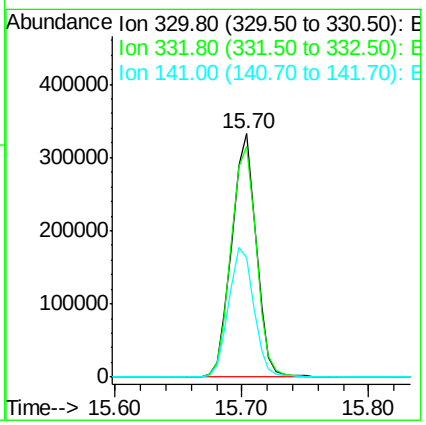


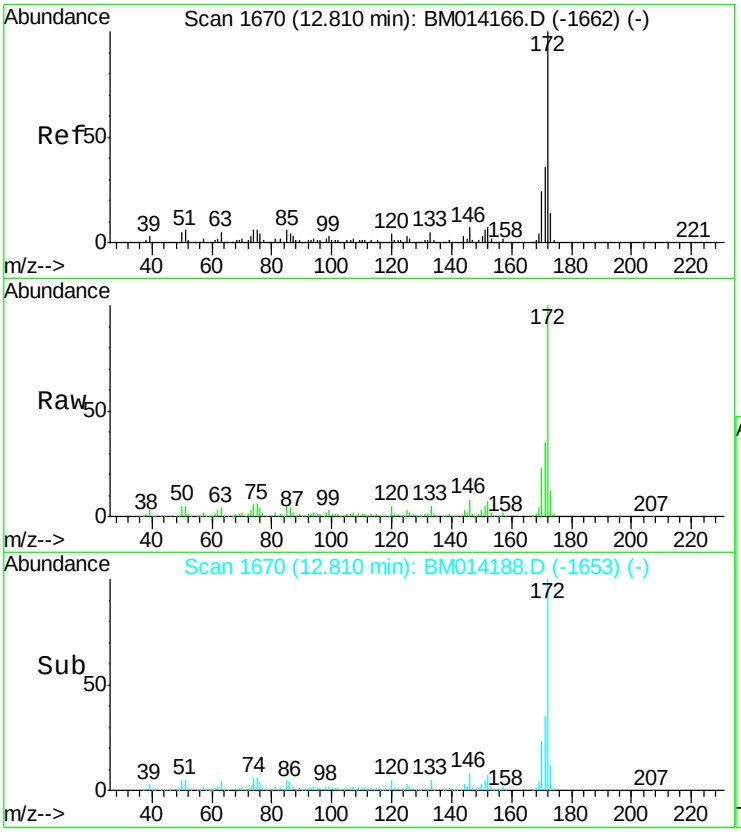


#41
2,4,6-Tribromophenol
Concen: 142.839 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:330 Resp: 444840

Ion	Ratio	Lower	Upper
330	100		
332	98.1	0.0	0.0#
141	54.8	0.0	0.0#



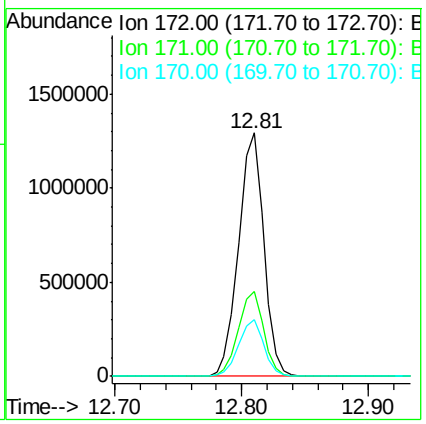


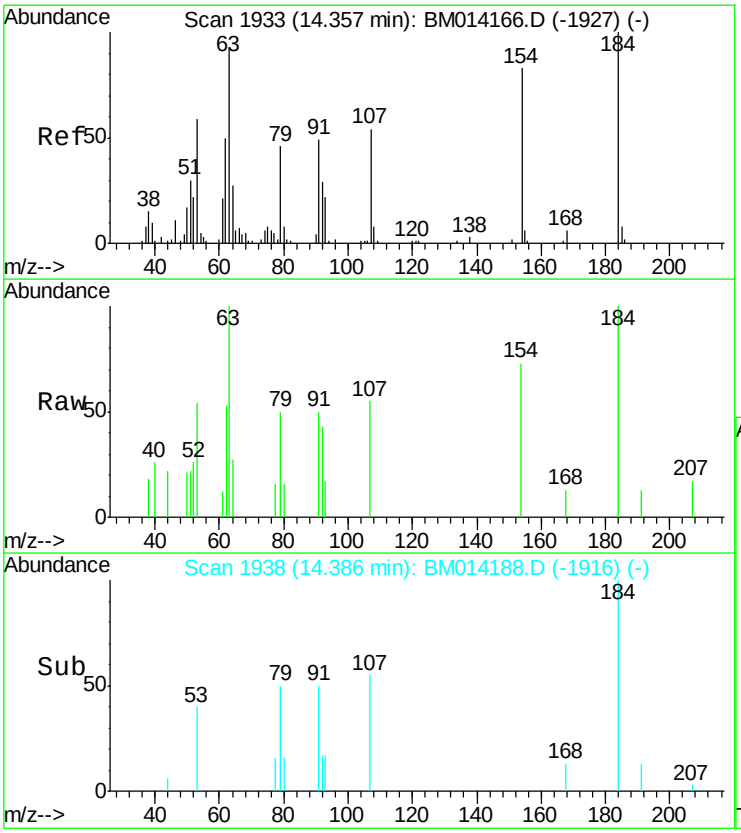
#44
2-Fluorobiphenyl
Concen: 101.752 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion:172 Resp: 1788973

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.3	18.8	28.2

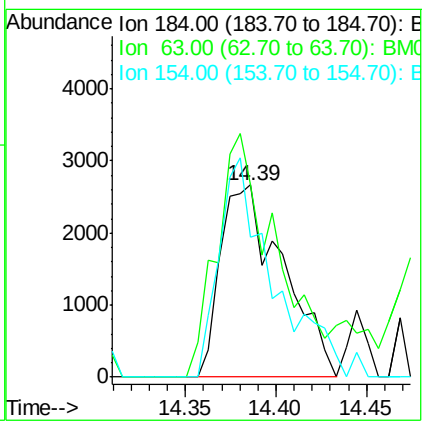


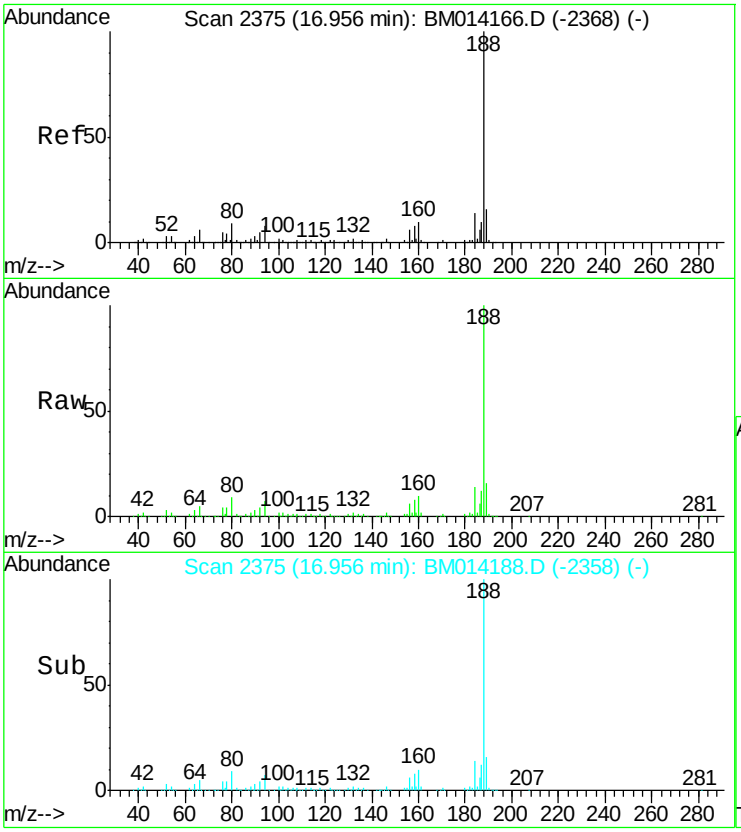


#53
2,4-Dinitrophenol
Concen: 10.190 ng
RT: 14.39 min Scan# 1938
Delta R.T. 0.03 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:184 Resp: 6394

Ion	Ratio	Lower	Upper
184	100		
63	99.8	69.2	103.8
154	72.6	53.3	79.9



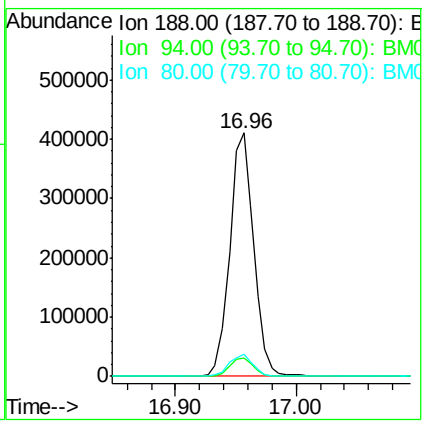


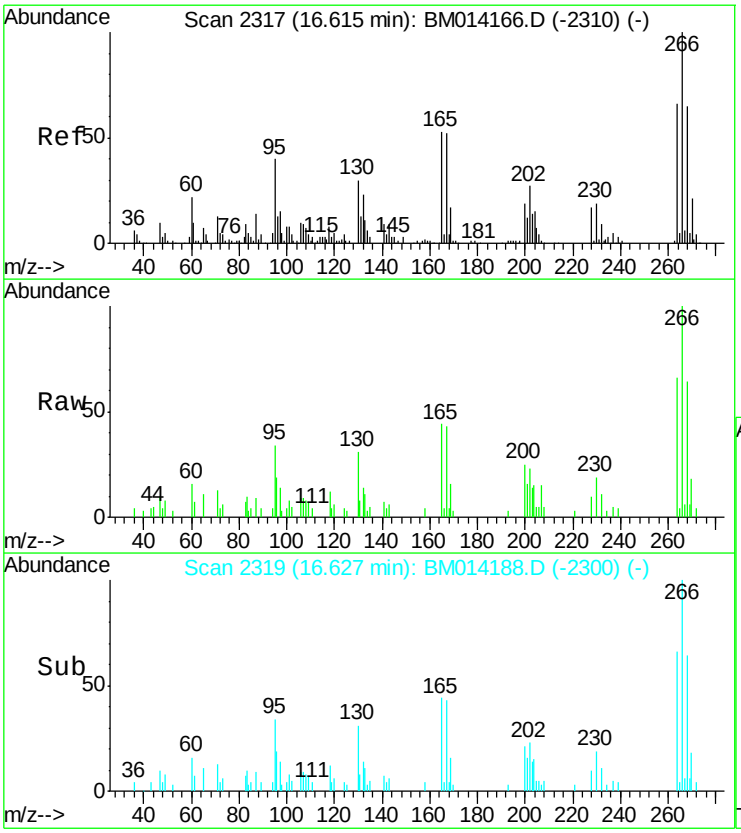
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion:188 Resp: 566724

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.7	13.1#
80	8.9	9.3	13.9#

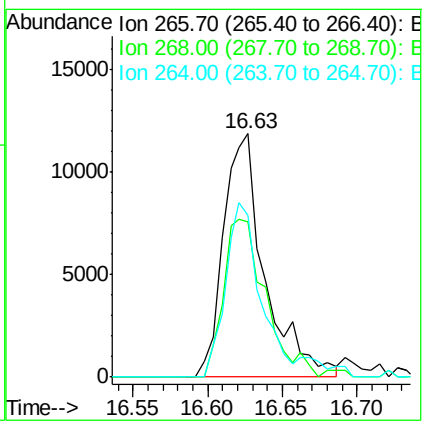


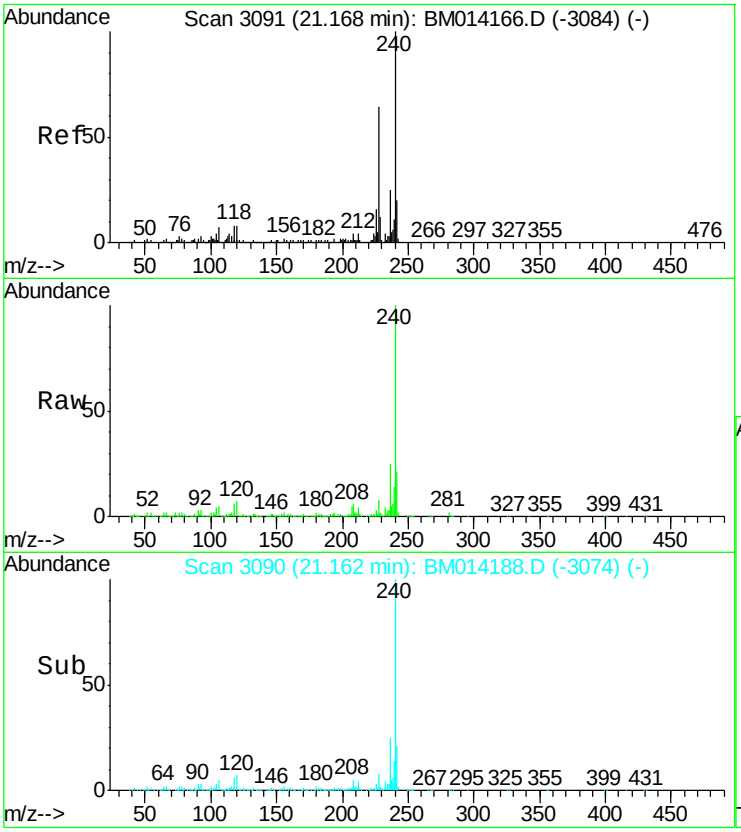


#69
Pentachlorophenol
Concen: 10.202 ng
RT: 16.63 min Scan# 2319
Delta R.T. 0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:266 Resp: 23013

Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.0	78.0
264	70.7	49.0	73.4



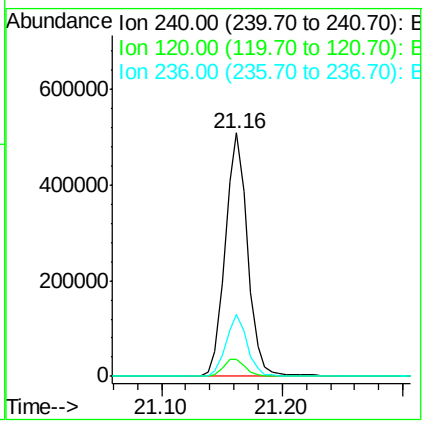


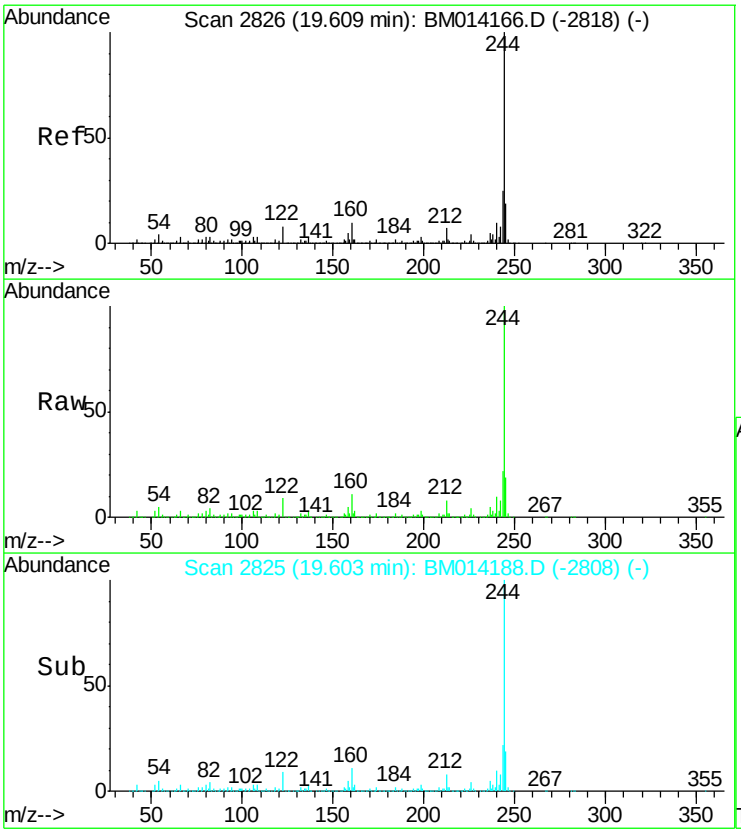
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion:240 Resp: 652897

Ion	Ratio	Lower	Upper
240	100		
120	6.8	8.2	12.2#
236	25.2	20.0	30.0

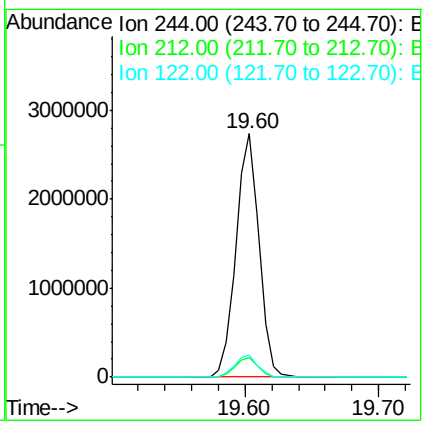


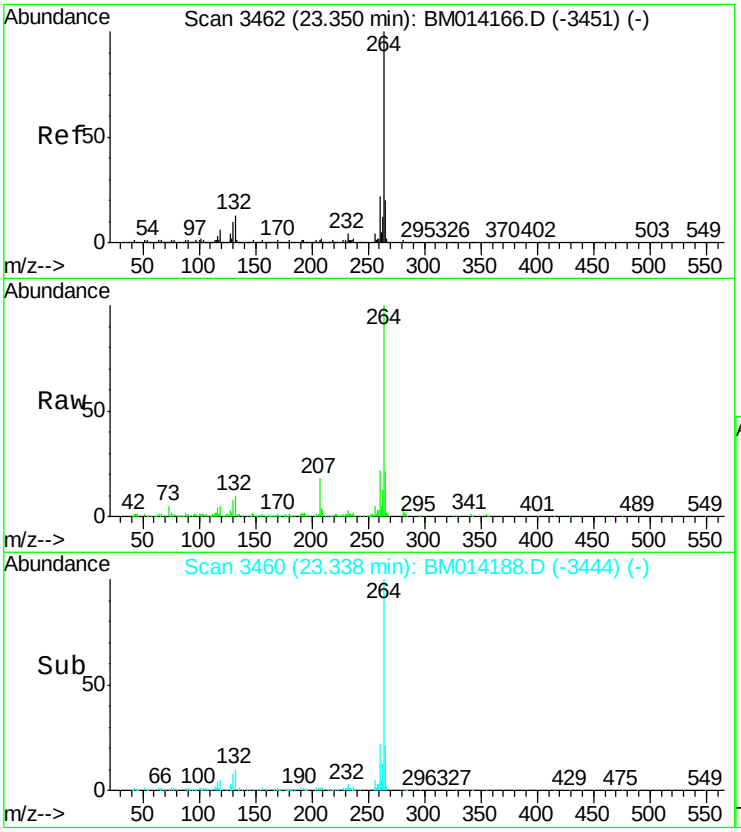


#78
Terphenyl-d14
Concen: 98.225 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:244 Resp: 3282114

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	8.9	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion:264 Resp: 580271

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.6	27.8
265	21.4	17.3	25.9