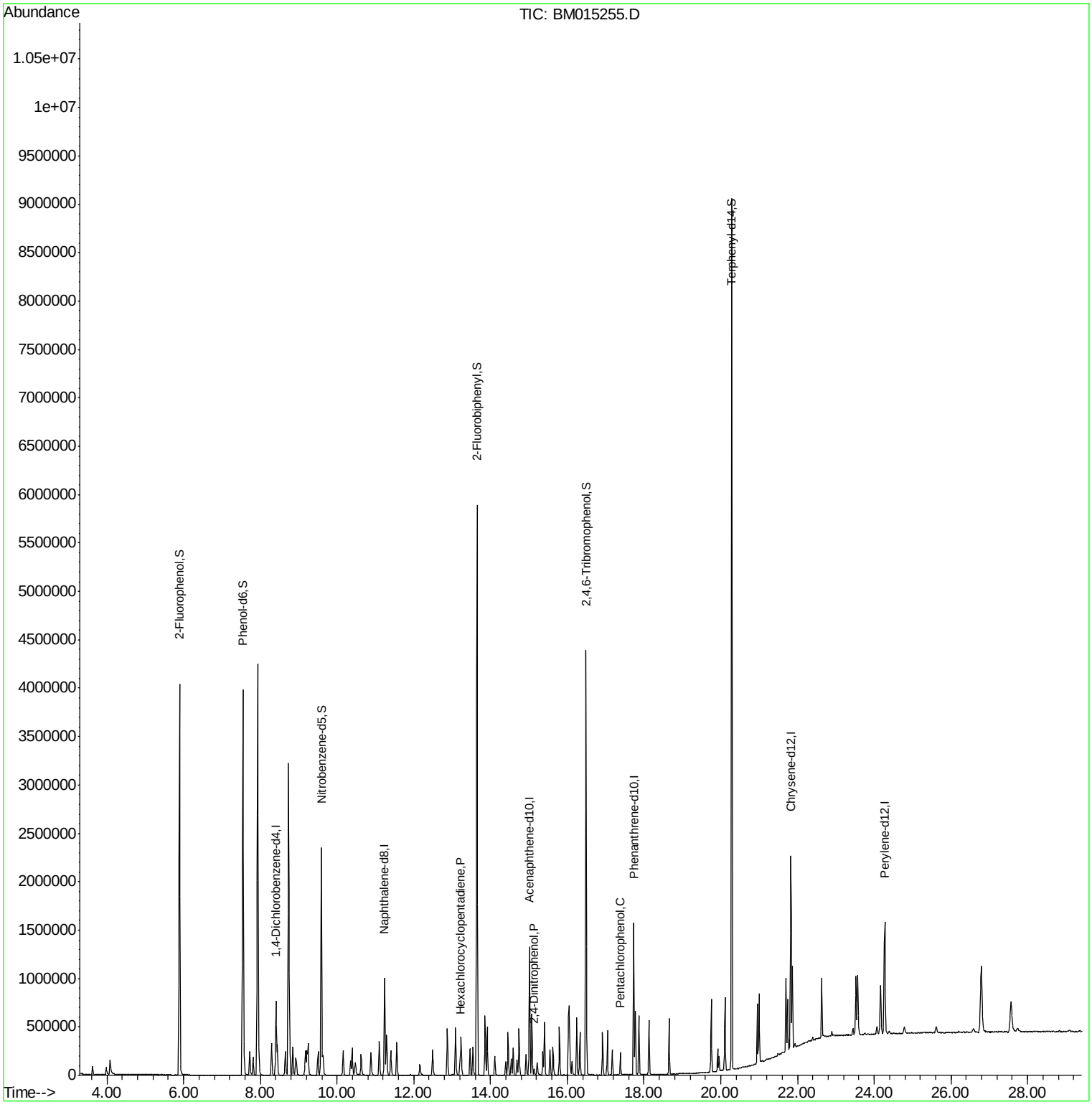
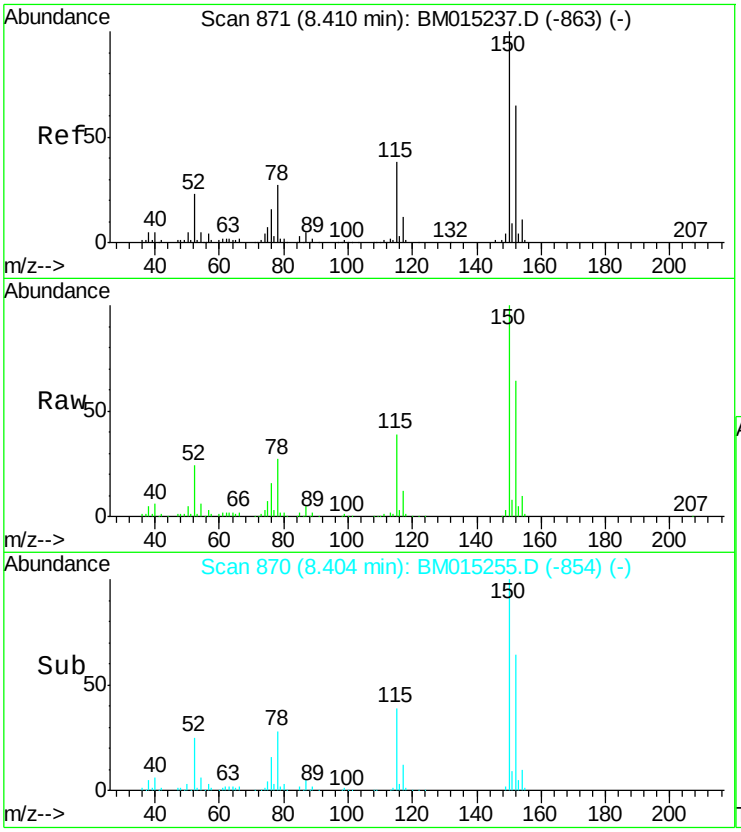
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015255.D
Acq On : 23 May 2018 00:16
Operator : SJ/JU
Sample : J2133-07
Misc : LOD 8 PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Quant Time: May 23 05:39:47 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration



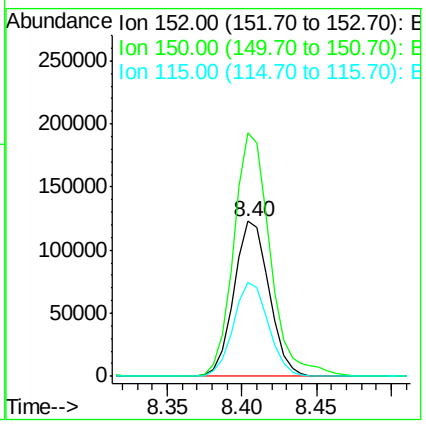


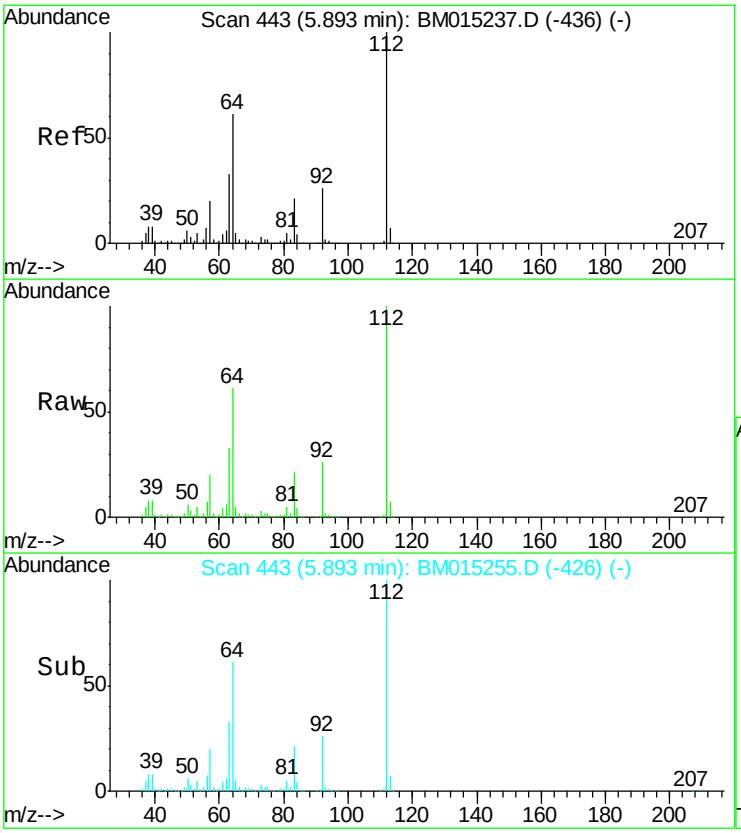
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:152 Resp: 200921

Ion	Ratio	Lower	Upper
152	100		
150	157.2	119.5	179.3
115	60.8	43.0	64.4

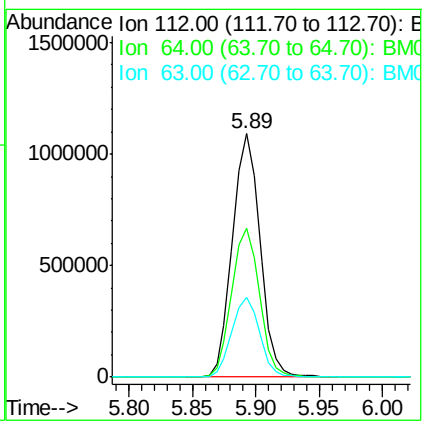


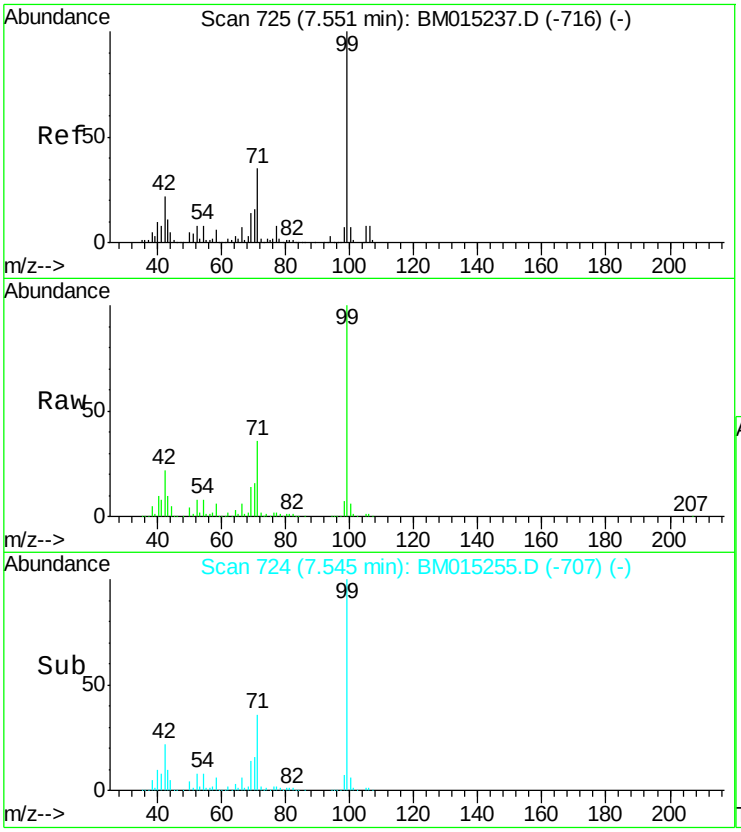


#5
2-Fluorophenol
Concen: 134.605 ng
RT: 5.89 min Scan# 443
Delta R.T. 0.00 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Tgt Ion:112 Resp: 1653039

Ion	Ratio	Lower	Upper
112	100		
64	61.3	38.6	57.8#
63	32.7	19.3	28.9#



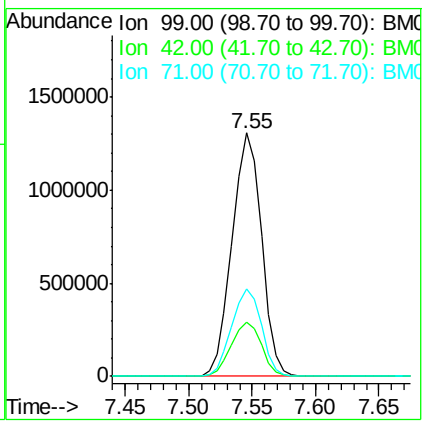


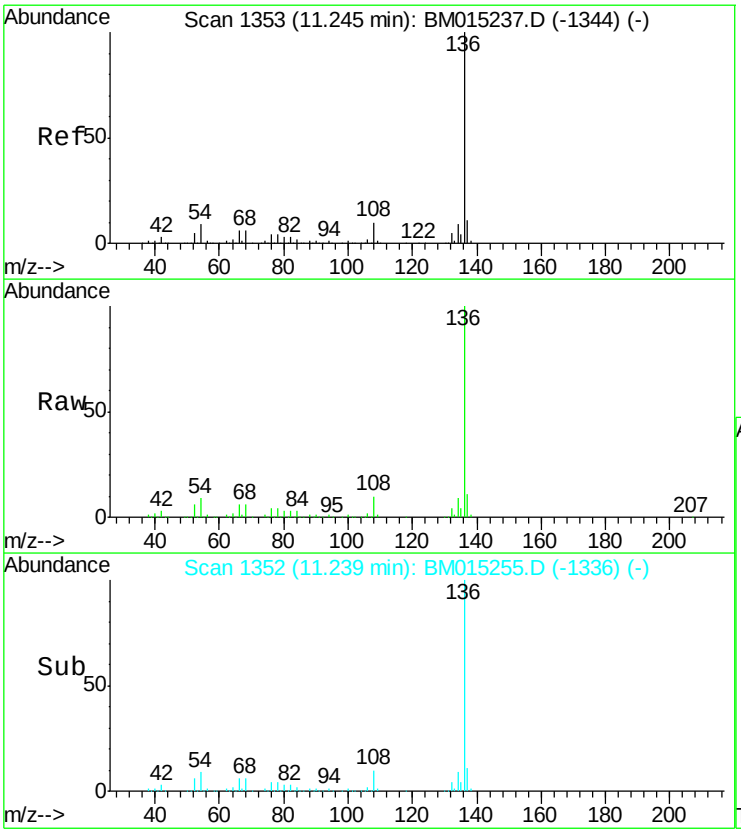
#7
Phenol-d6
Concen: 132.178 ng
RT: 7.55 min Scan# 724
Delta R.T. 0.00 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 99 Resp: 2113758

Ion	Ratio	Lower	Upper
99	100		
42	22.2	11.0	16.4#
71	35.9	23.4	35.2#

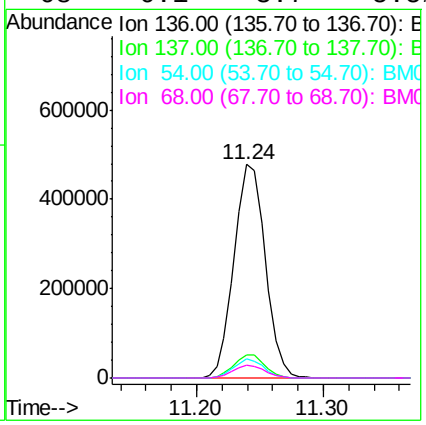


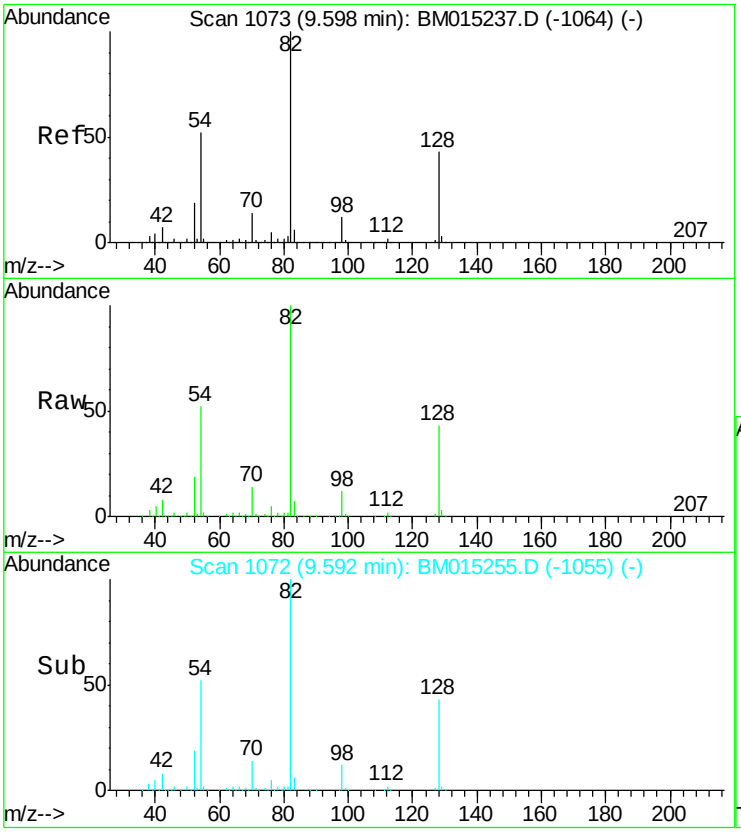


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Tgt Ion:136 Resp: 817723

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.8	4.6	6.8#
68	6.1	3.7	5.5#



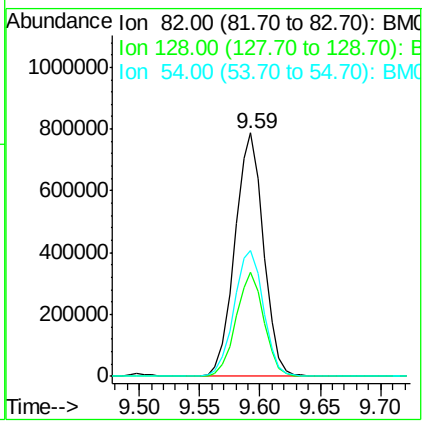


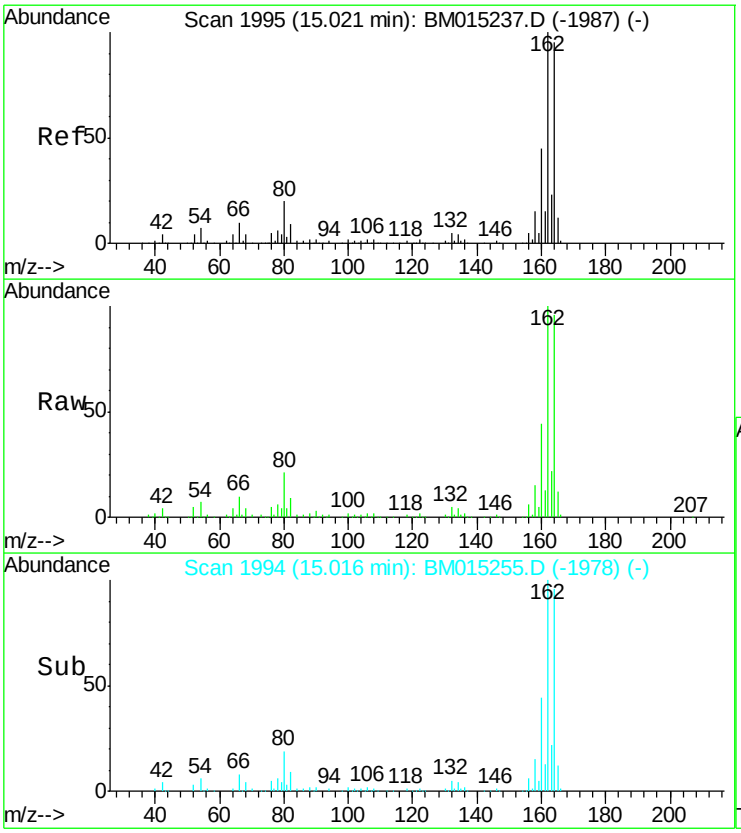
#23
Nitrobenzene-d5
Concen: 87.277 ng
RT: 9.59 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 82 Resp: 1302815

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.8	49.2
54	51.9	40.6	60.8

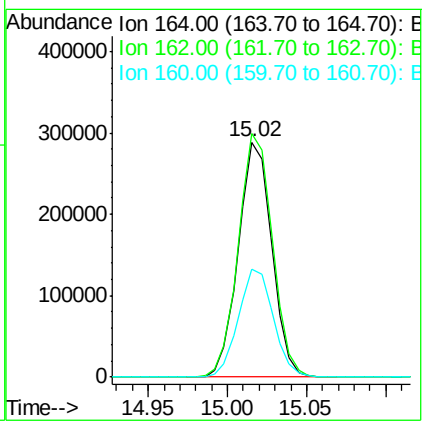


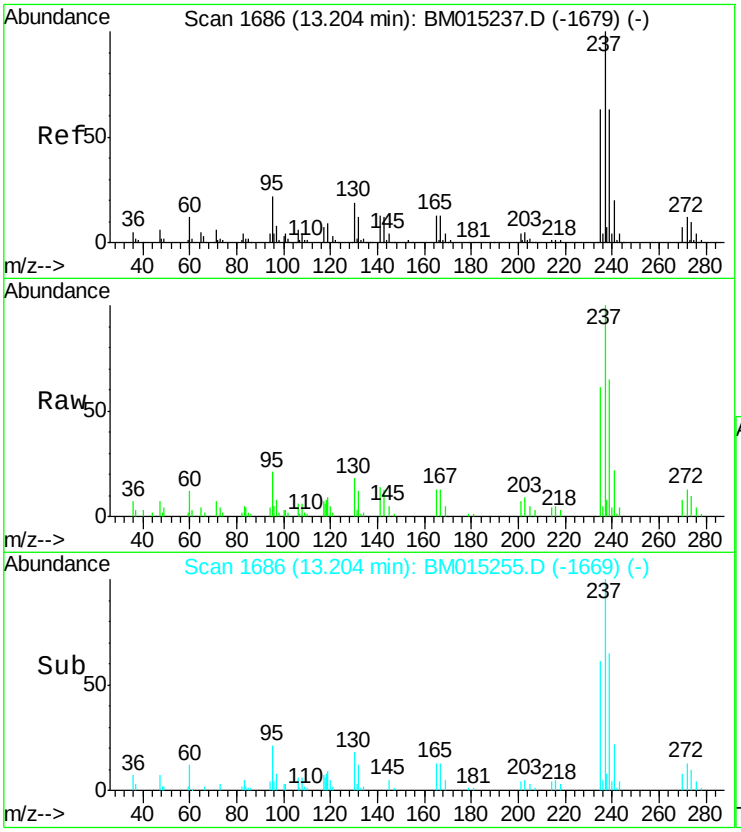


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Tgt Ion:164 Resp: 422500

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.4	123.6
160	45.7	35.8	53.6



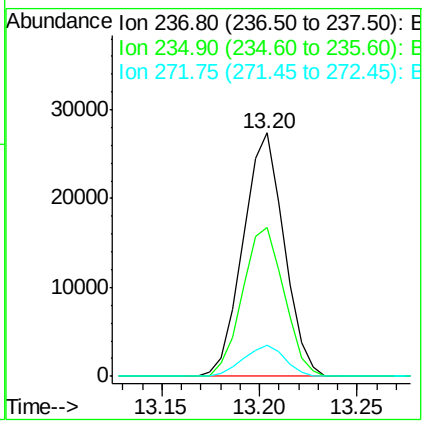


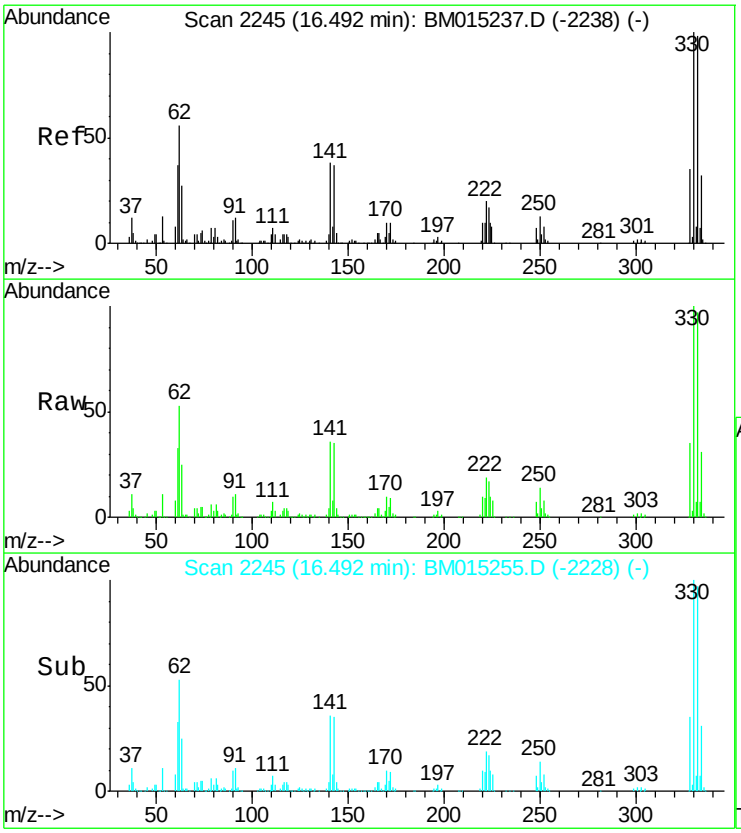
#40
Hexachlorocyclopentadiene
Concen: 9.090 ng
RT: 13.20 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:237 Resp: 39761

Ion	Ratio	Lower	Upper
237	100		
235	60.9	42.0	82.0
272	12.7	0.0	33.4

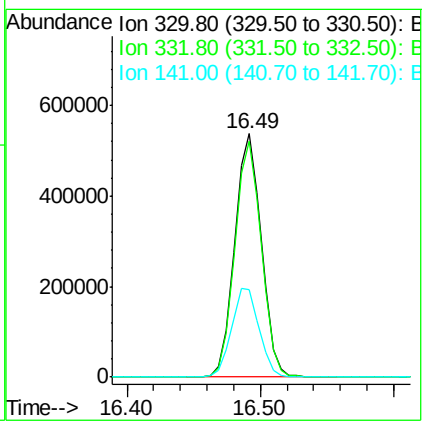


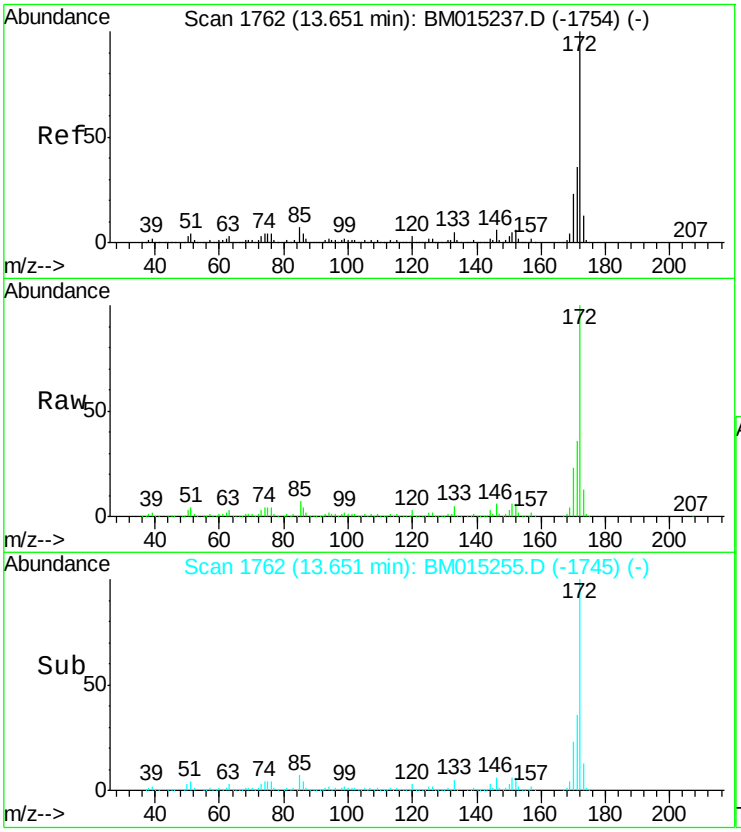


#41
2,4,6-Tribromophenol
Concen: 140.787 ng
RT: 16.49 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Tgt Ion:330 Resp: 745893

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	37.9	0.0	0.0#



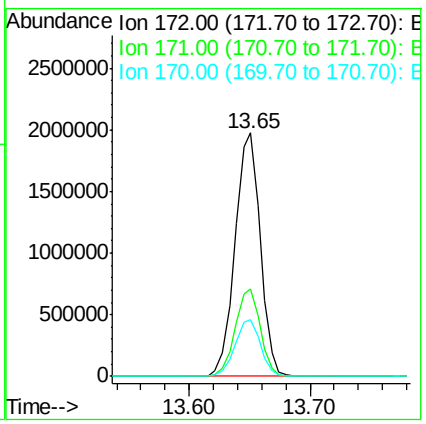


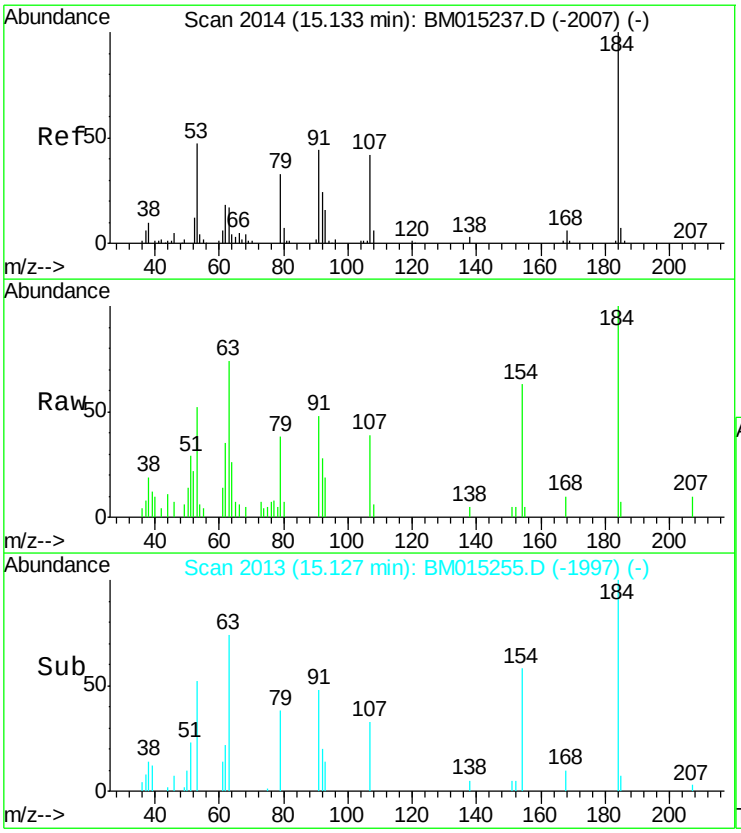
#44
2-Fluorobiphenyl
Concen: 84.527 ng
RT: 13.65 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:172 Resp: 2872792

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.4	18.8	28.2

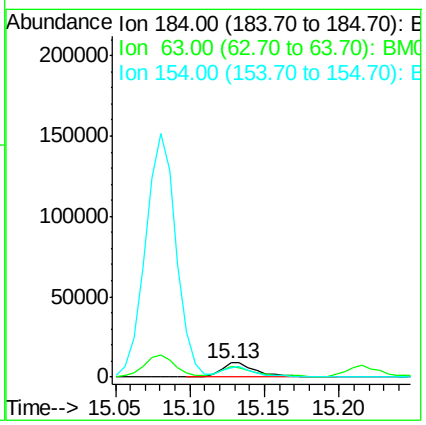


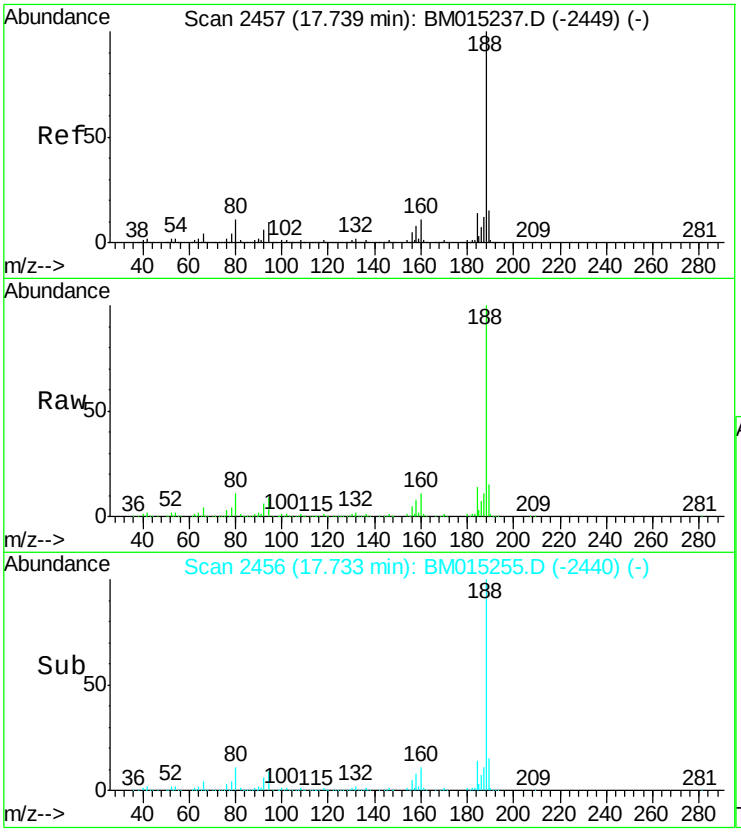


#53
2,4-Dinitrophenol
Concen: 9.827 ng
RT: 15.13 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Tgt Ion:184 Resp: 15023

Ion	Ratio	Lower	Upper
184	100		
63	74.5	69.2	103.8
154	62.7	53.3	79.9



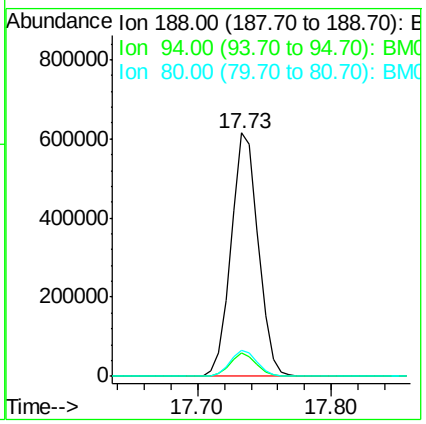


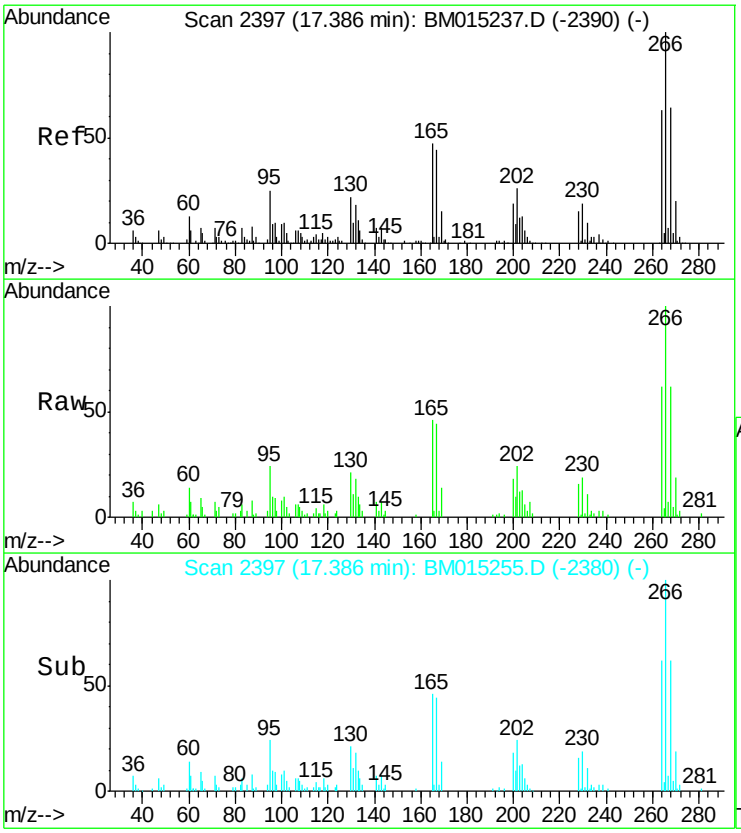
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:188 Resp: 872499

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.7	13.1
80	10.9	9.3	13.9

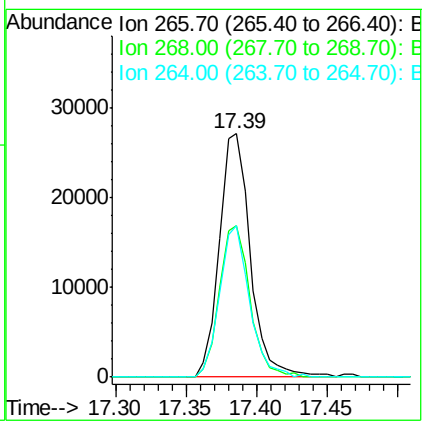


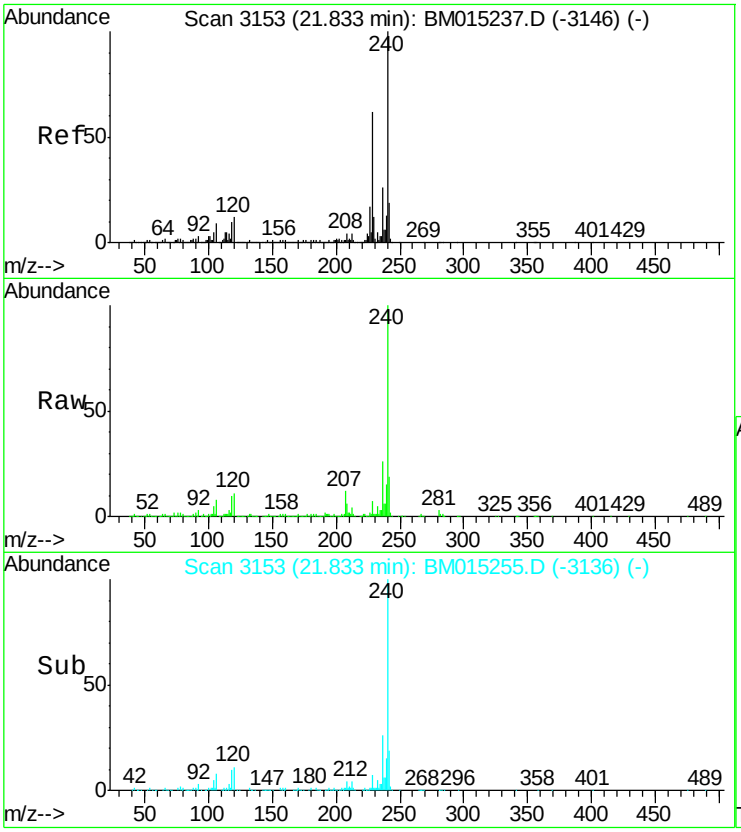


#69
Pentachlorophenol
Concen: 6.656 ng
RT: 17.39 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Tgt Ion:266 Resp: 41592

Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.0	78.0
264	62.3	49.0	73.4



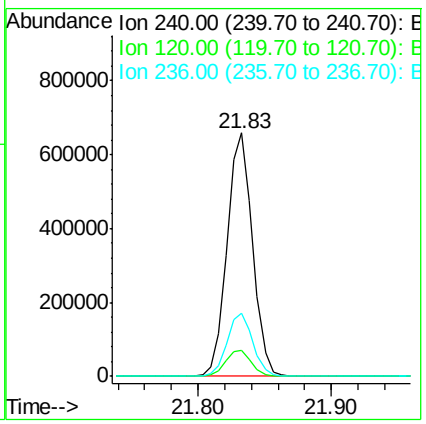


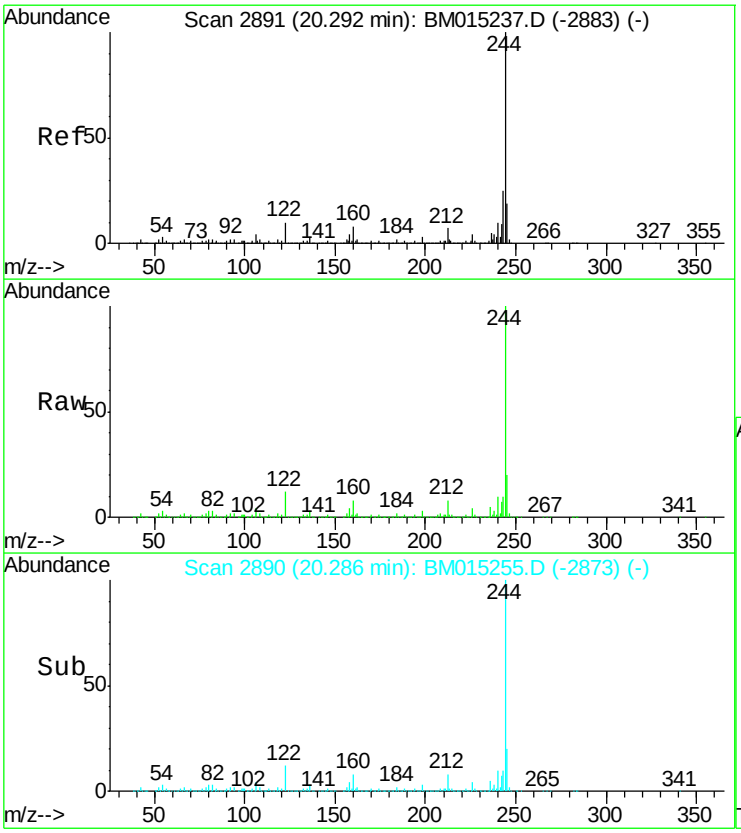
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:240 Resp: 881073

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.2	12.2
236	26.2	20.0	30.0

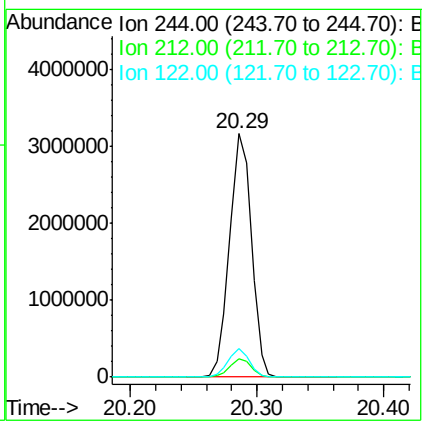


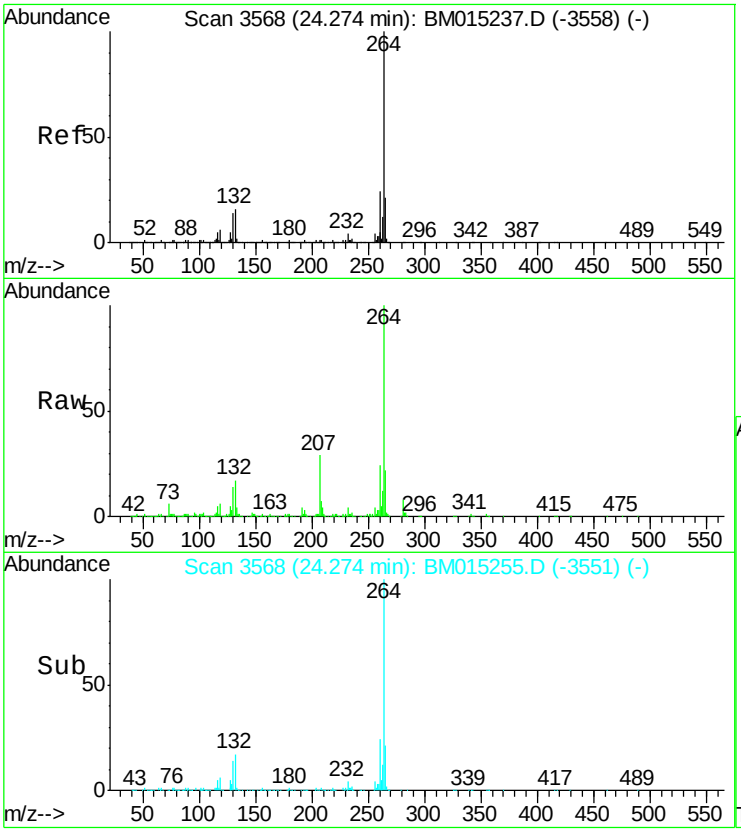


#78
Terphenyl-d14
Concen: 94.491 ng
RT: 20.29 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Tgt Ion:244 Resp: 3770180

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	11.6	6.2	9.4#



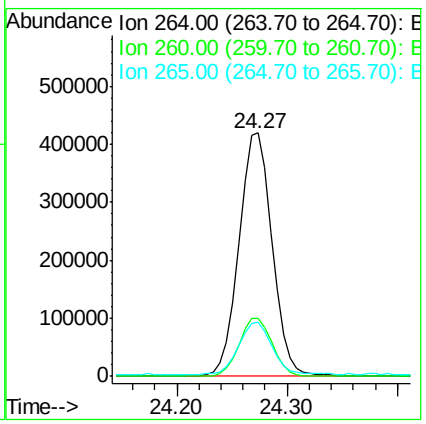


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.27 min Scan# 3568
Delta R.T. 0.00 min
Lab File: BM015255.D
Acq: 23 May 2018 00:16

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:264 Resp: 888928

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.2	17.3	25.9



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015255.D
Acq On : 23 May 2018 00:16
Operator : SJ/JU
Sample : J2133-07
Misc : LOD 8 PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT2-2018

Quant Time: May 23 05:39:47 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	200921	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	817723	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	422500	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	872499	20.00	ng	0.00
75) Chrysene-d12	21.83	240	881073	20.00	ng	0.00
86) Perylene-d12	24.27	264	888928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	1653039	134.61	ng	0.00
7) Phenol-d6	7.55	99	2113758	132.18	ng	0.00
23) Nitrobenzene-d5	9.59	82	1302815	87.28	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	745893	140.79	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	2872792	84.53	ng	0.00
78) Terphenyl-d14	20.29	244	3770180	94.49	ng	0.00
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	13.20	237	39761	9.090	ng	99
53) 2,4-Dinitrophenol	15.13	184	15023	9.827	ng	90
69) Pentachlorophenol	17.39	266	41592	6.656	ng	98

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