Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002156.D
Acq On : 26 Jul 2018 03:09
Operator : JU/SJ
Sample : J3762-07
Misc : LOD 8 PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2018

Quant Time: Jul 26 07:28:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	204320	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	793887	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	437480	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	896189	20.00	ng	0.00
75) Chrysene-d12	21.27	240	858553	20.00	ng	0.00
86) Perylene-d12	23.49	264	841385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1599568	126.04	ng	0.00
7) Phenol-d6	6.88	99	2111694	118.57	ng	0.00
23) Nitrobenzene-d5	8.84	82	1376061	88.89	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	711674	125.28	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	2944324	87.66	ng	0.00
78) Terphenyl-d14	19.71	244	4247649	103.19	ng	0.00
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	12.48	237	67270	8.097	ng	91
53) 2,4-Dinitrophenol	14.45	184	20347	4.760	ng	86
69) Pentachlorophenol	16.73	266	34382	4.603	ng	94

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

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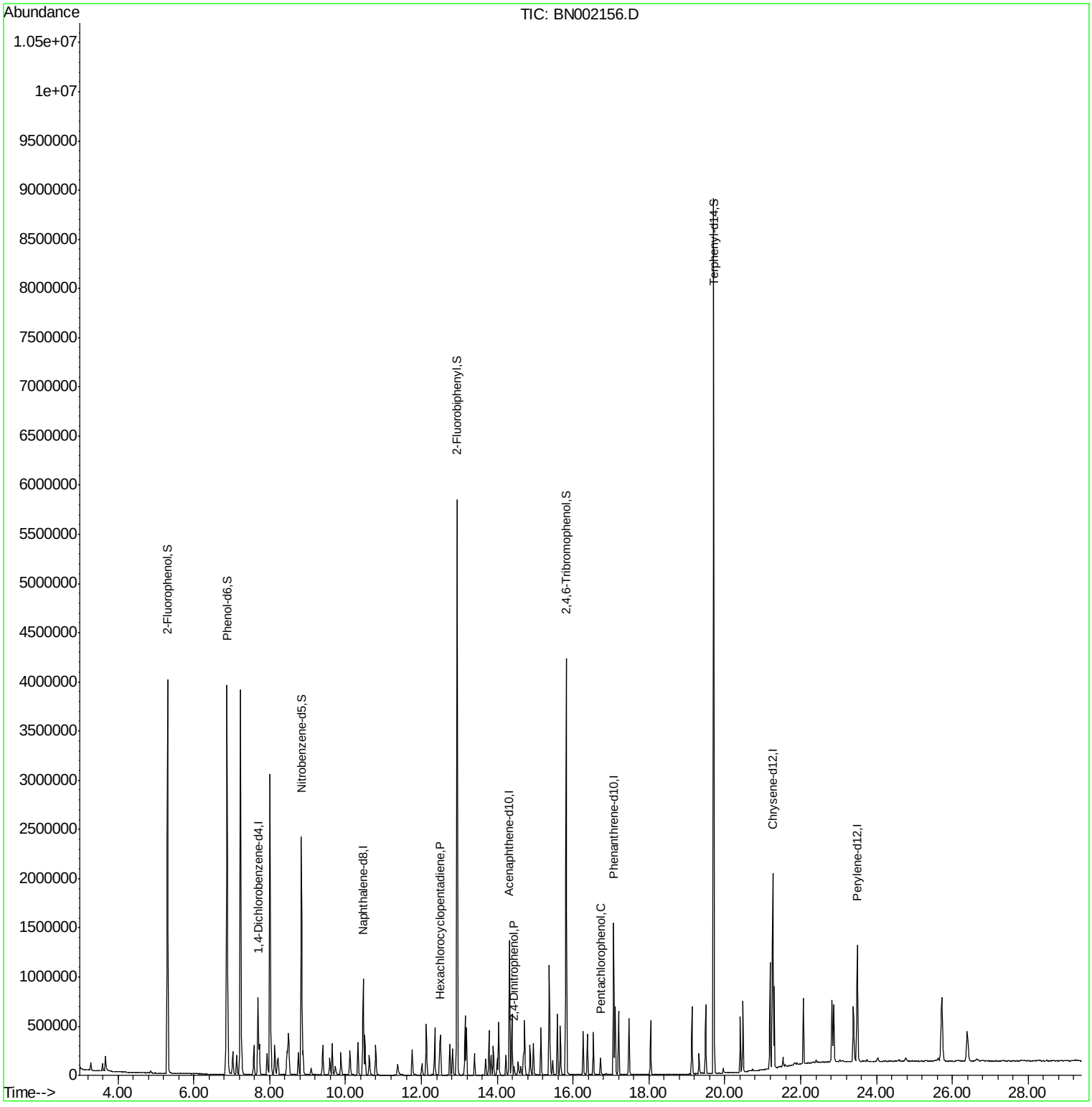
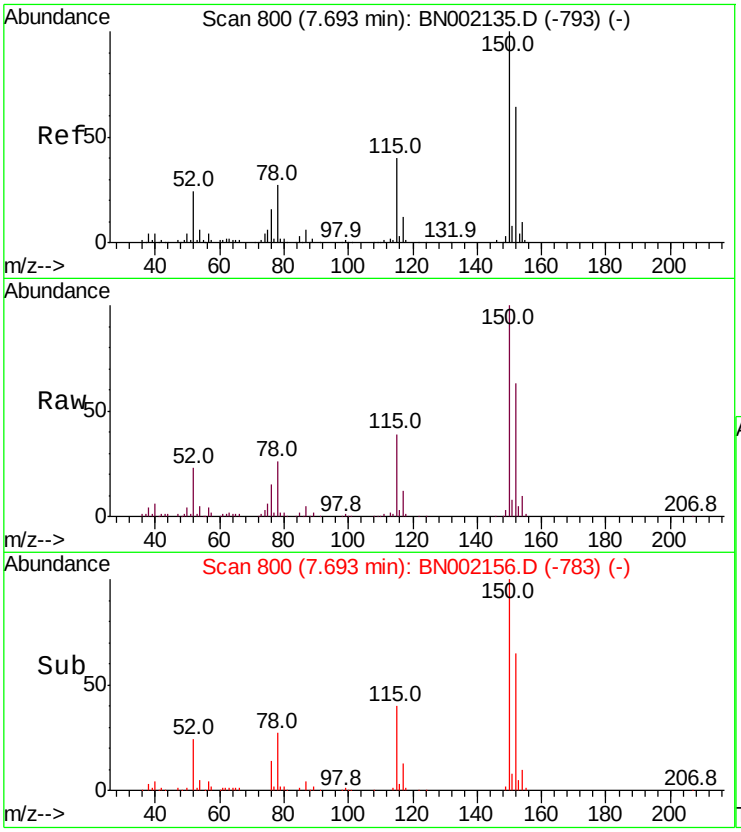


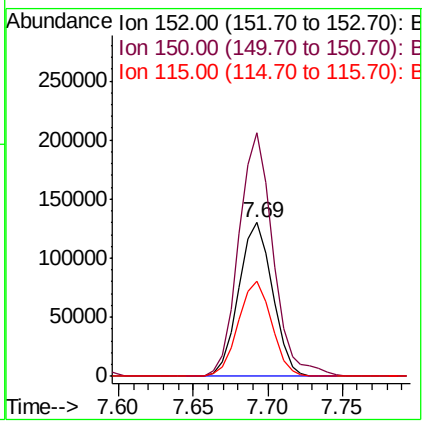


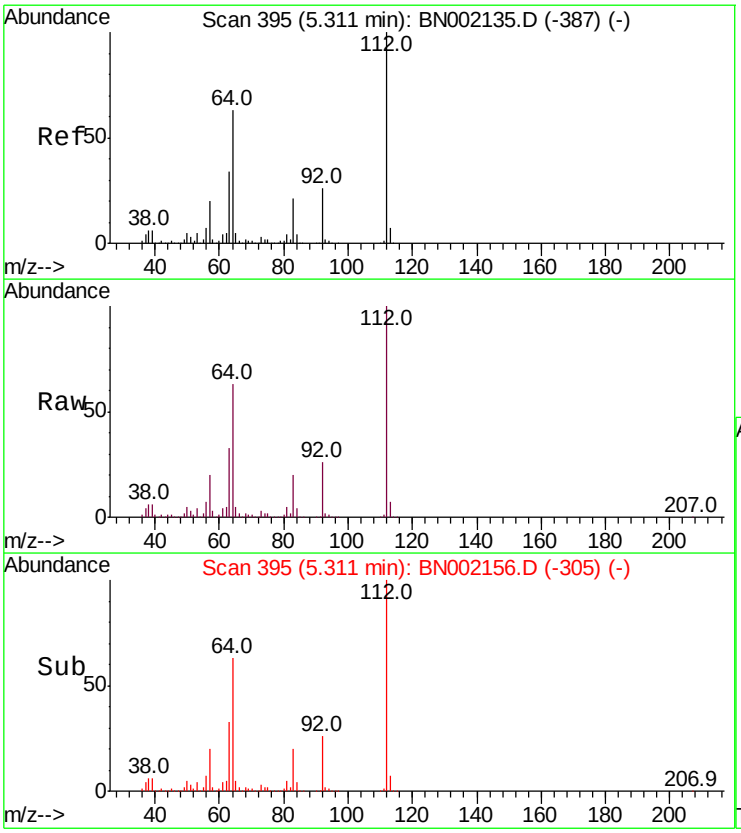
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:152 Resp: 204320

Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	61.9	53.0	79.4

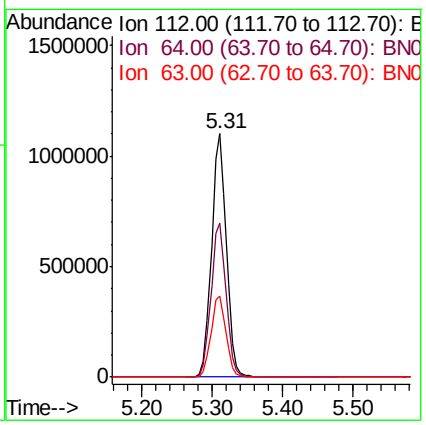


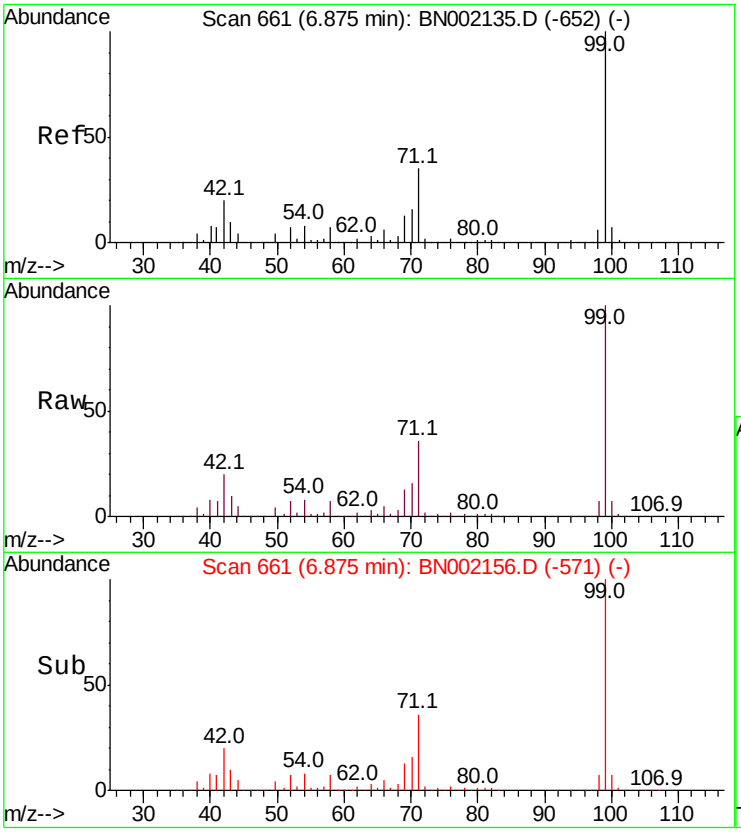


#5
2-Fluorophenol
Concen: 126.037 ng
RT: 5.31 min Scan# 395
Delta R.T. 0.00 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Tgt Ion:112 Resp: 1599568

Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	33.1	30.1	45.1



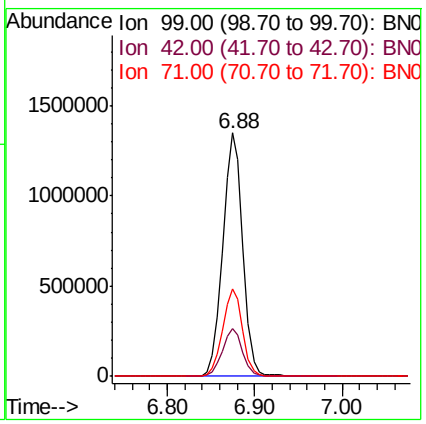


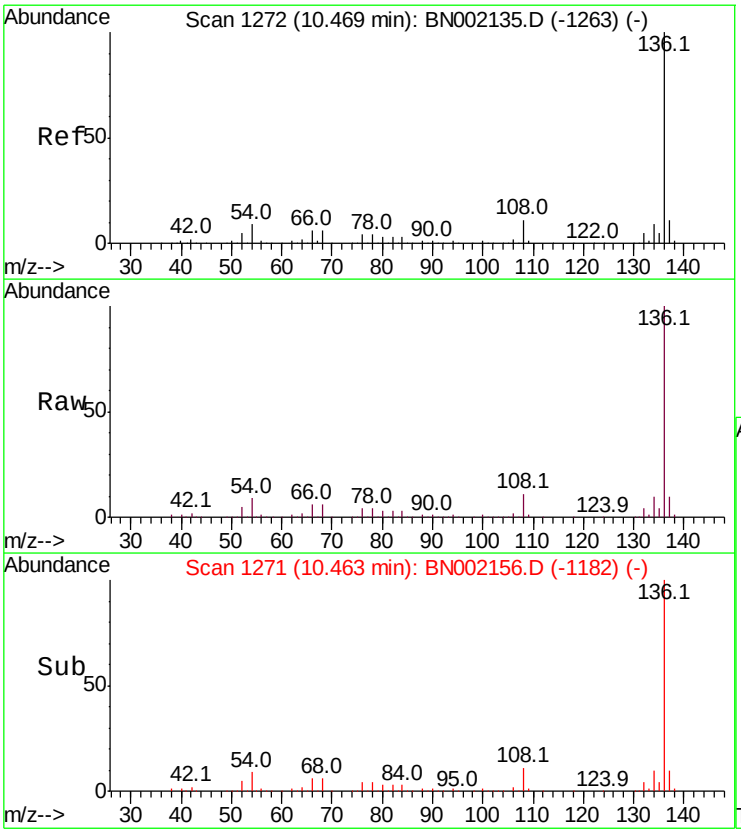
#7
Phenol-d6
Concen: 118.569 ng
RT: 6.88 min Scan# 661
Delta R.T. 0.00 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 99 Resp: 2111694

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	35.9	26.1	39.1

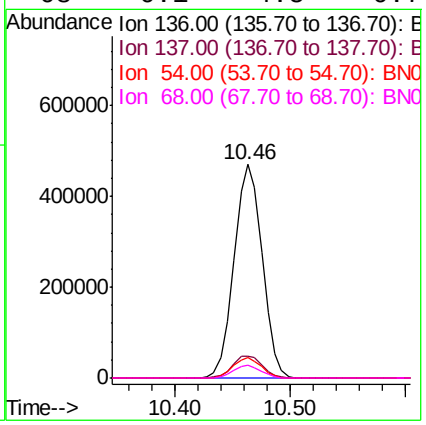


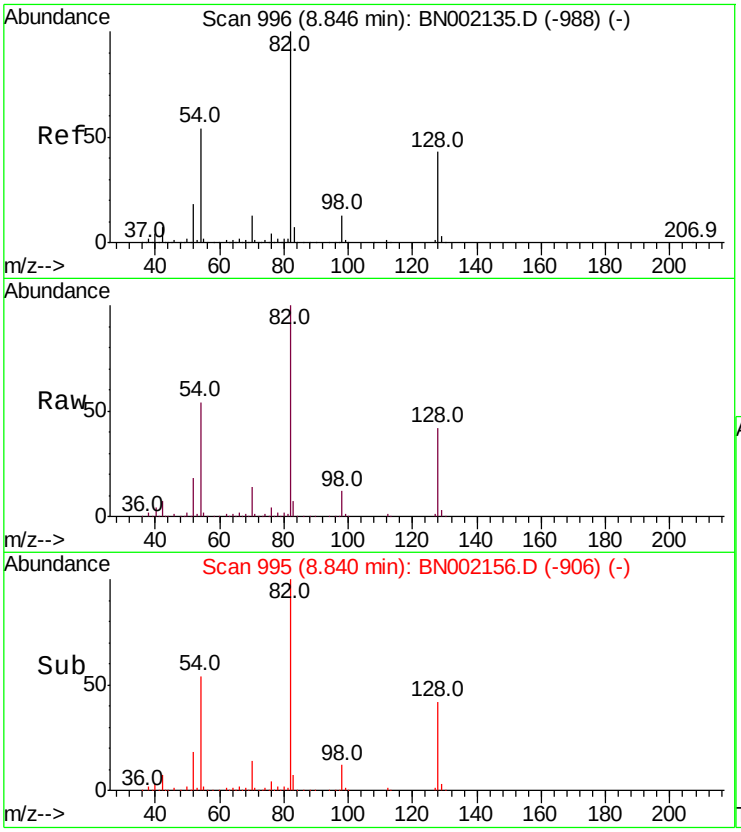


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Tgt Ion:136 Resp: 793887

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	9.4	10.3	15.5#
68	6.1	4.5	6.7



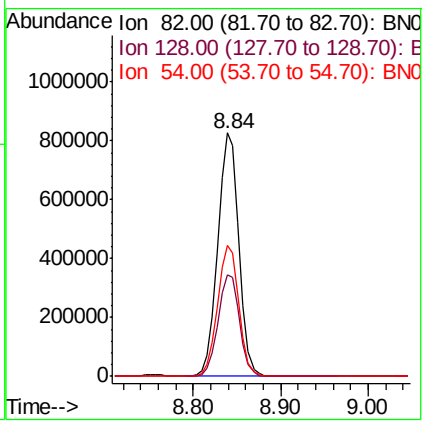


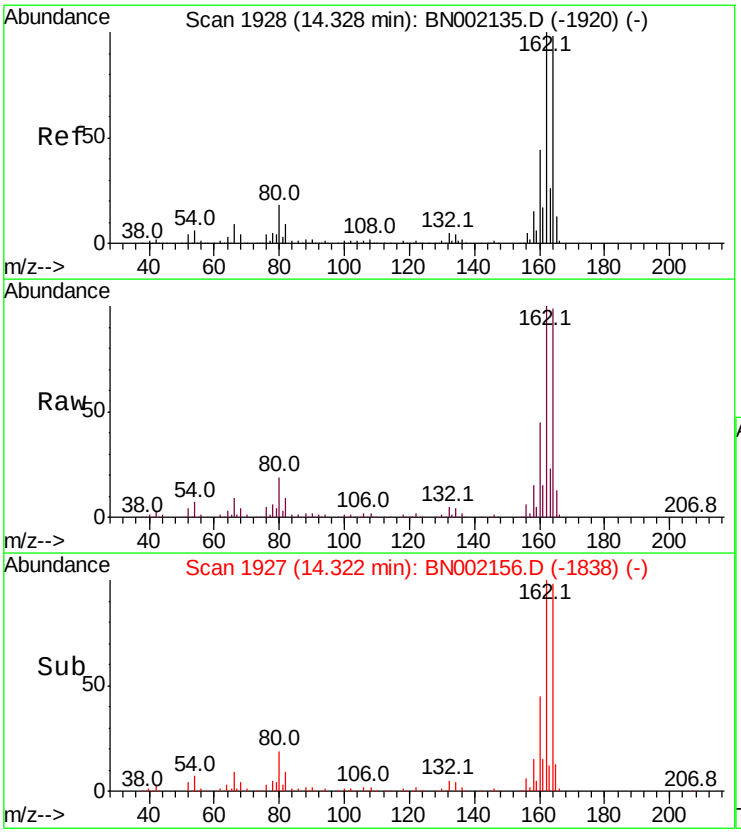
#23
Nitrobenzene-d5
Concen: 88.890 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 82 Resp: 1376061

Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.7	44.5
54	53.7	43.1	64.7

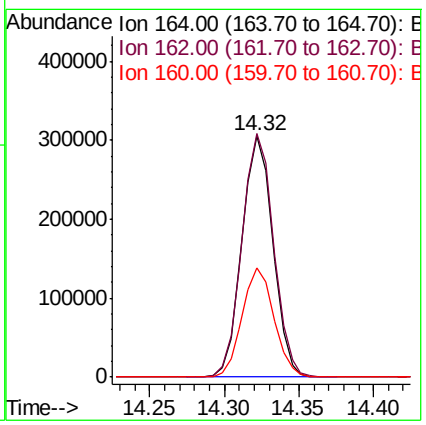


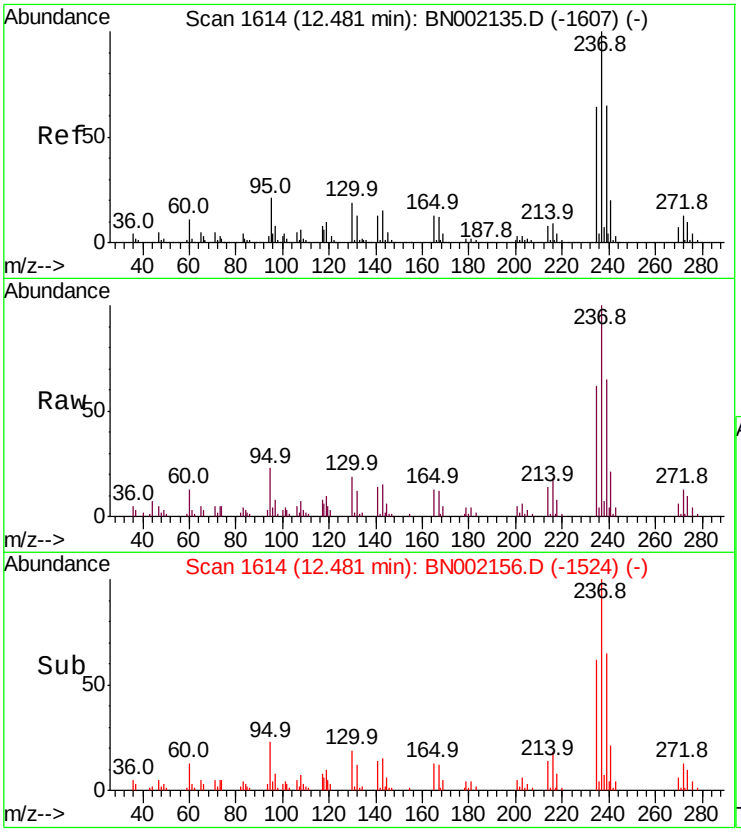


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Tgt Ion:164 Resp: 437480

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	45.1	35.4	53.0



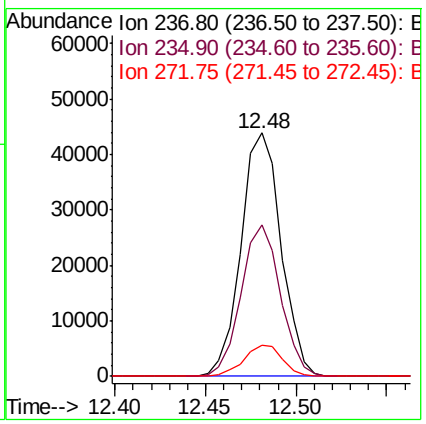


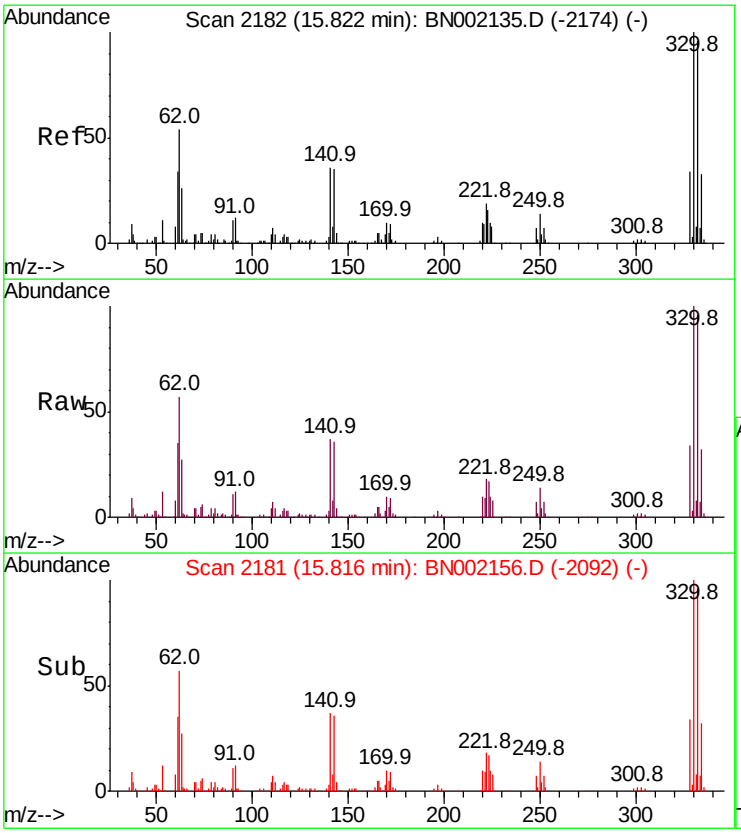
#40
Hexachlorocyclopentadiene
Concen: 8.097 ng
RT: 12.48 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:237 Resp: 67270

Ion	Ratio	Lower	Upper
237	100		
235	62.2	50.4	90.4
272	12.9	0.0	31.8

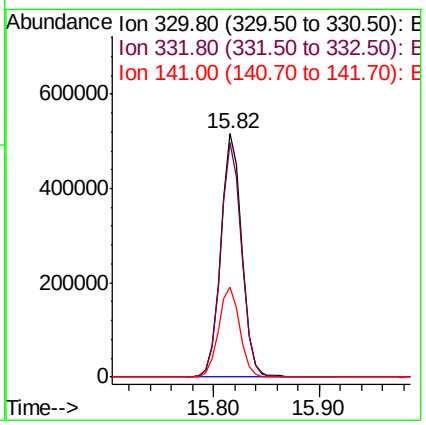


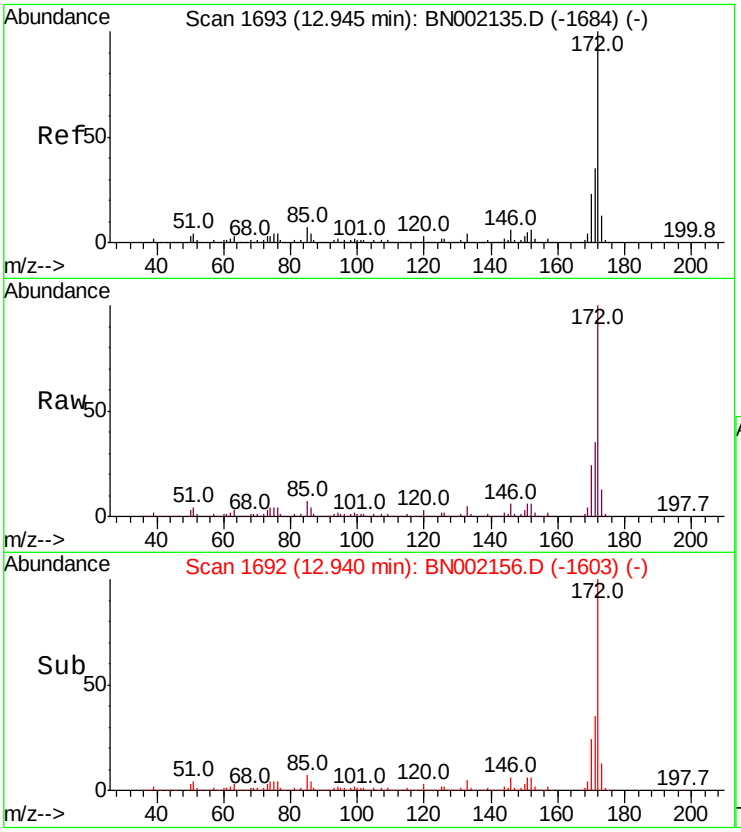


#41
2,4,6-Tribromophenol
Concen: 125.276 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Tgt Ion:330 Resp: 711674

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	37.7	25.2	37.8



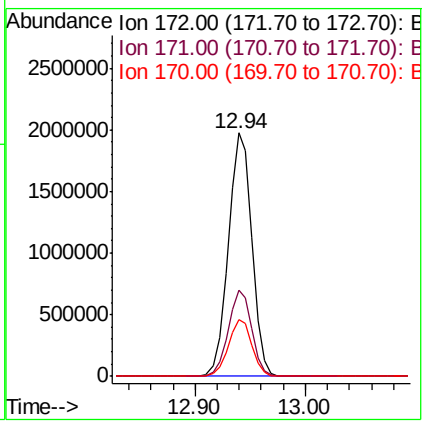


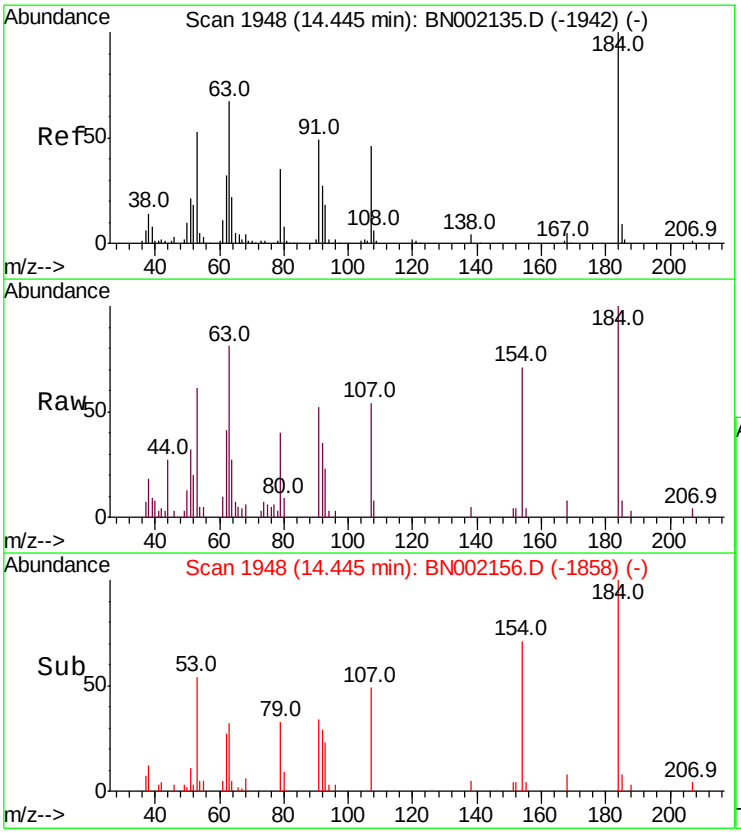
#44
2-Fluorobiphenyl
Concen: 87.661 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:172 Resp: 2944324

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.5	19.5	29.3

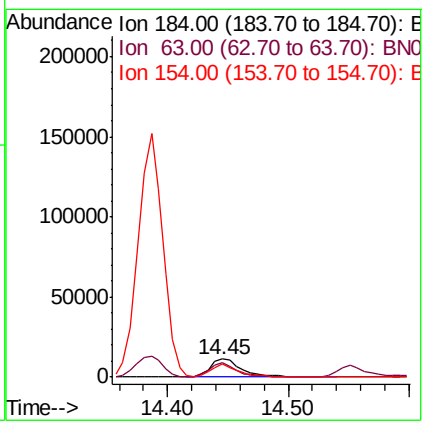


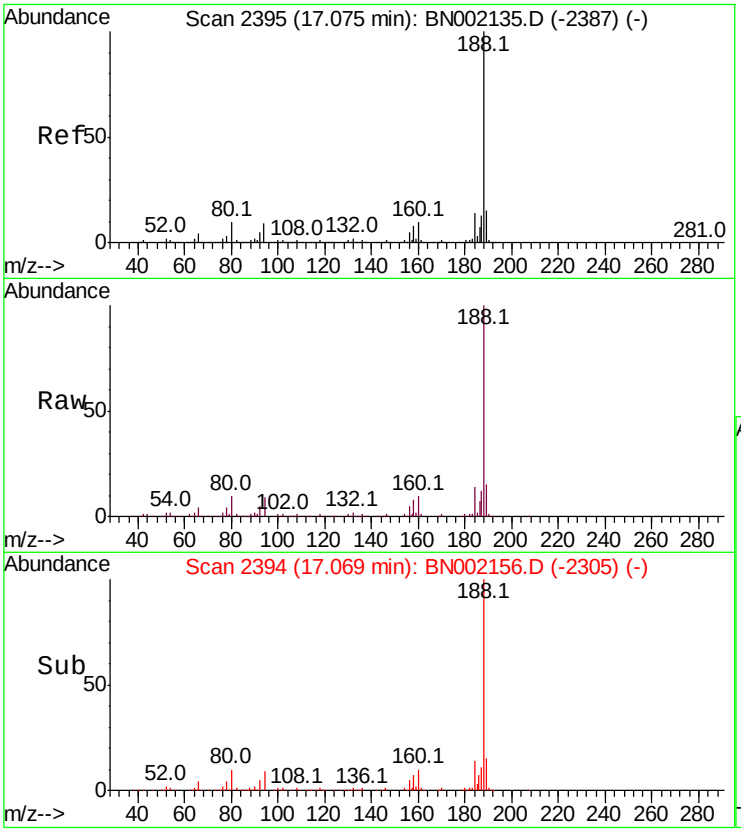


#53
2,4-Dinitrophenol
Concen: 4.760 ng
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Tgt Ion:184 Resp: 20347

Ion	Ratio	Lower	Upper
184	100		
63	81.4	56.0	84.0
154	71.0	48.0	72.0



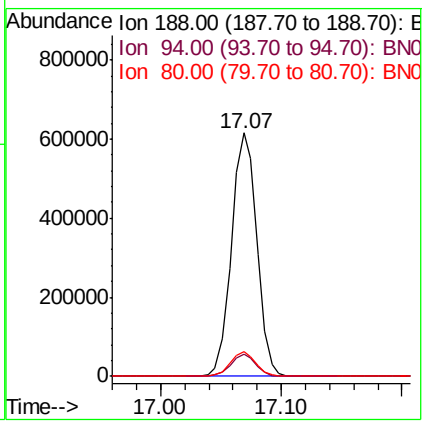


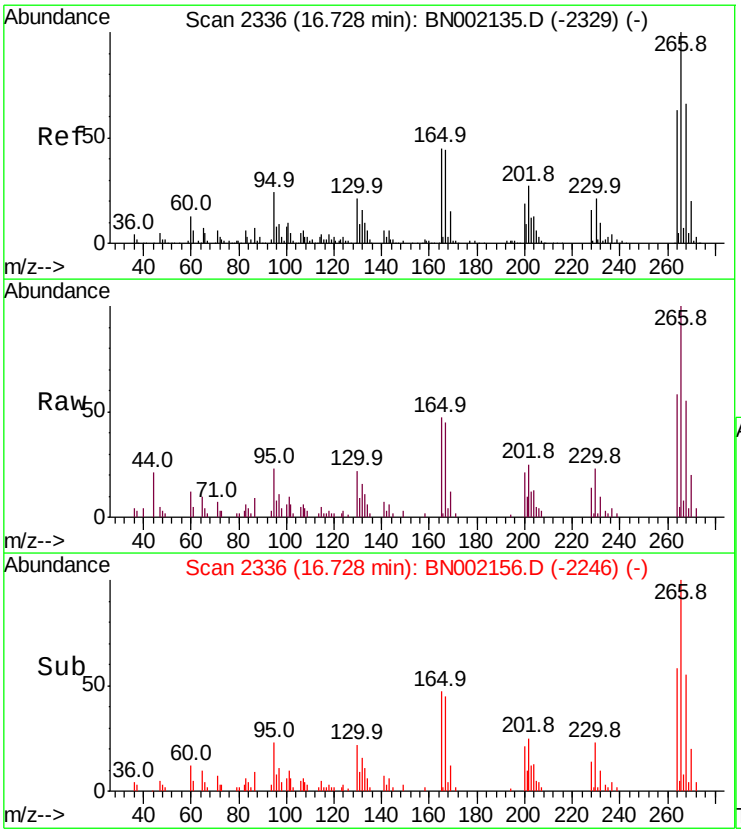
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:188 Resp: 896189

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.9	10.3
80	10.3	7.7	11.5

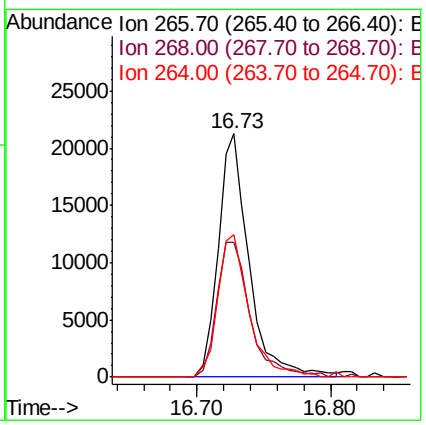


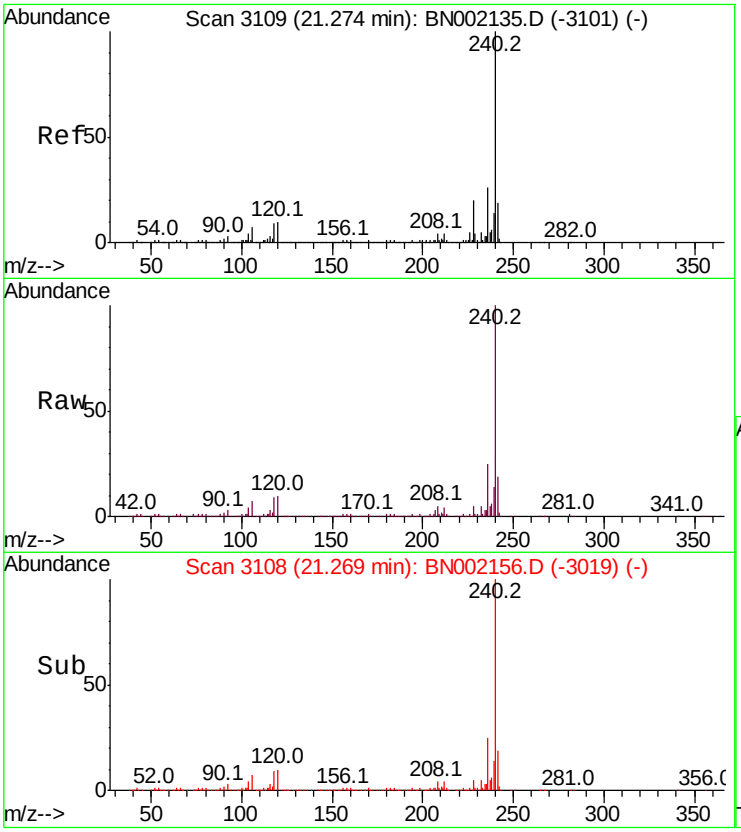


#69
Pentachlorophenol
Concen: 4.603 ng
RT: 16.73 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Tgt Ion:266 Resp: 34382

Ion	Ratio	Lower	Upper
266	100		
268	58.9	51.1	76.7
264	58.4	49.6	74.4



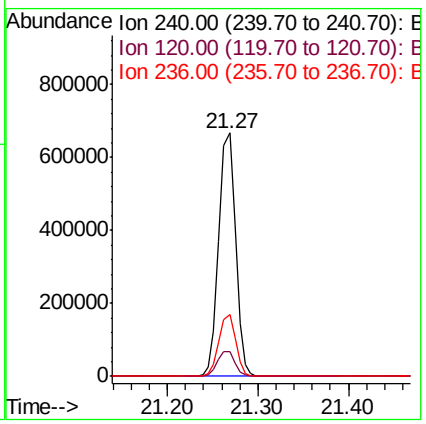


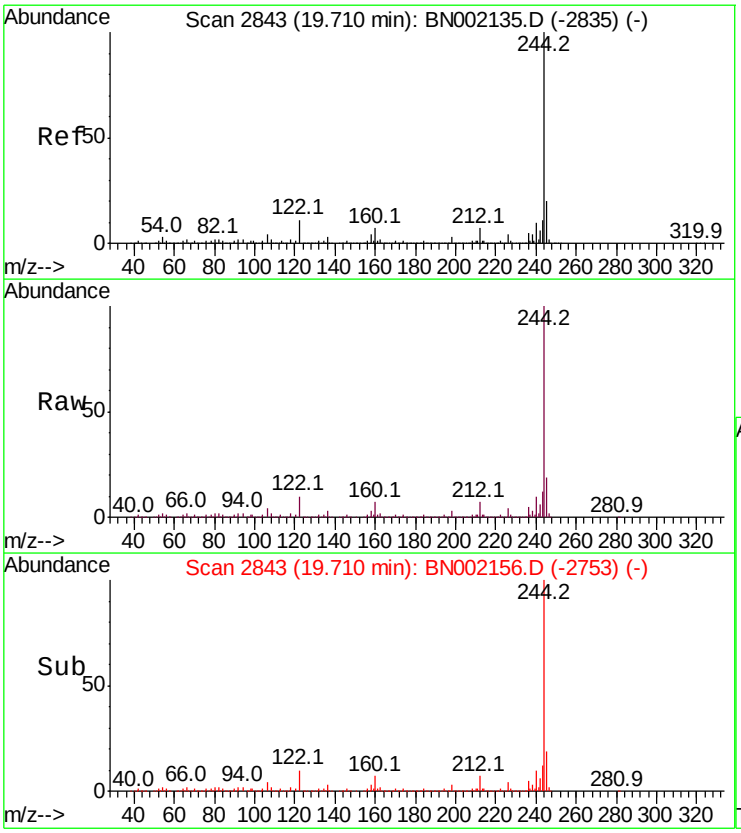
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:240 Resp: 858553

Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.8	10.2
236	25.3	20.9	31.3

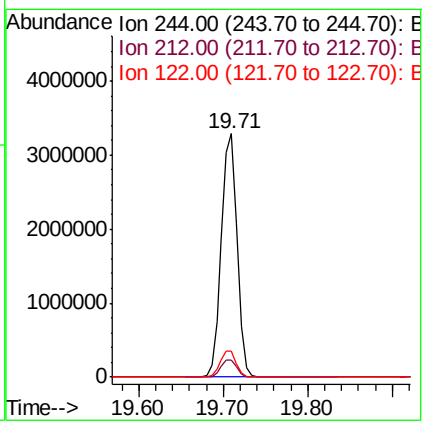


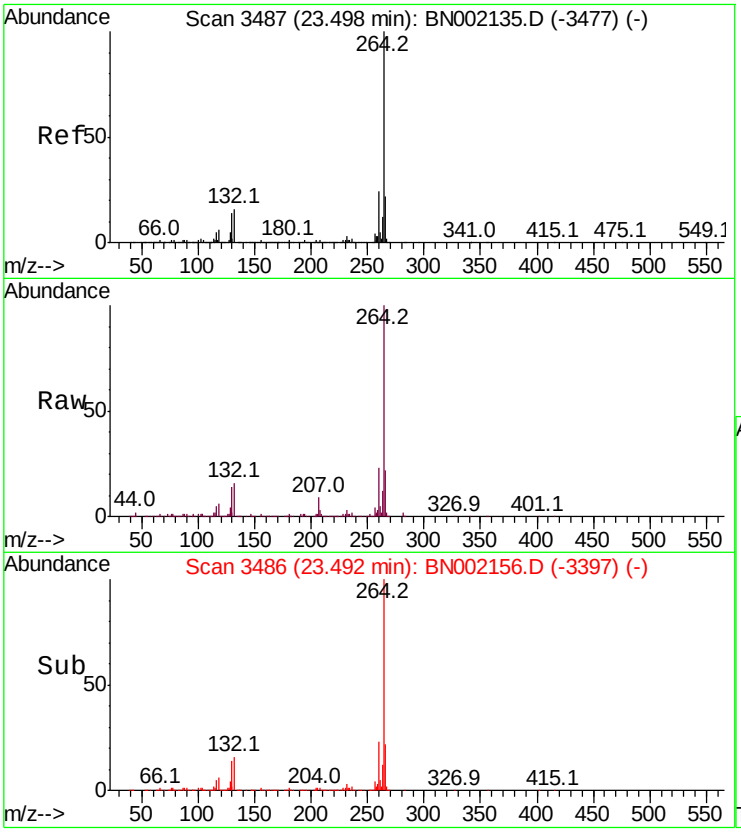


#78
Terphenyl-d14
Concen: 103.186 ng
RT: 19.71 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Tgt Ion:244 Resp: 4247649

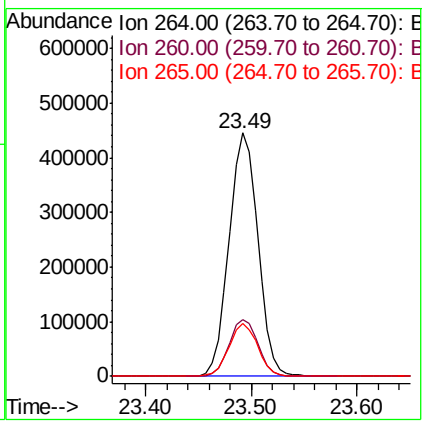
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BN002156.D
Acq: 26 Jul 2018 03:09

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:264 Resp: 841385

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.8	17.7	26.5