Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002155.D
Acq On : 26 Jul 2018 02:33
Operator : JU/SJ
Sample : J3762-07
Misc : LOD 5 PPM
ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:50 AM

Quant Time: Jul 26 07:24:25 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	217079	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	893060	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	513909	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1080383	20.00	ng		0.00
75) Chrysene-d12	21.27	240	953163	20.00	ng		0.00
86) Perylene-d12	23.49	264	890838	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1682372	124.77	ng		0.00
7) Phenol-d6	6.88	99	2280285	120.51	ng		0.00
23) Nitrobenzene-d5	8.84	82	1510467	86.74	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	839228	125.76	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3391923	85.97	ng		0.00
78) Terphenyl-d14	19.71	244	4849196	106.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	22371	4.419	ng	#	71
3) Pyridine	3.68	79	63457	4.328	ng	#	77
4) n-Nitrosodimethylamine	3.59	42	26837	4.267	ng	#	67
32) Benzoic acid	9.73	122	29238m	2.842	ng		
33) 4-Chloroaniline	10.63	127	69628	3.472	ng		97
35) Caprolactam	11.38	113	17271	3.579	ng	#	55
52) 3-Nitroaniline	14.23	138	35001	3.406	ng	#	83
55) 4-Nitrophenol	14.55	139	27430	3.477	ng	#	81
64) 4,6-Dinitro-2-methylphenol	15.46	198	22626	3.102	ng		92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002155.D
Acq On : 26 Jul 2018 02:33
Operator : JU/SJ
Sample : J3762-07
Misc : LOD 5 PPM
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 26 07:24:25 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

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

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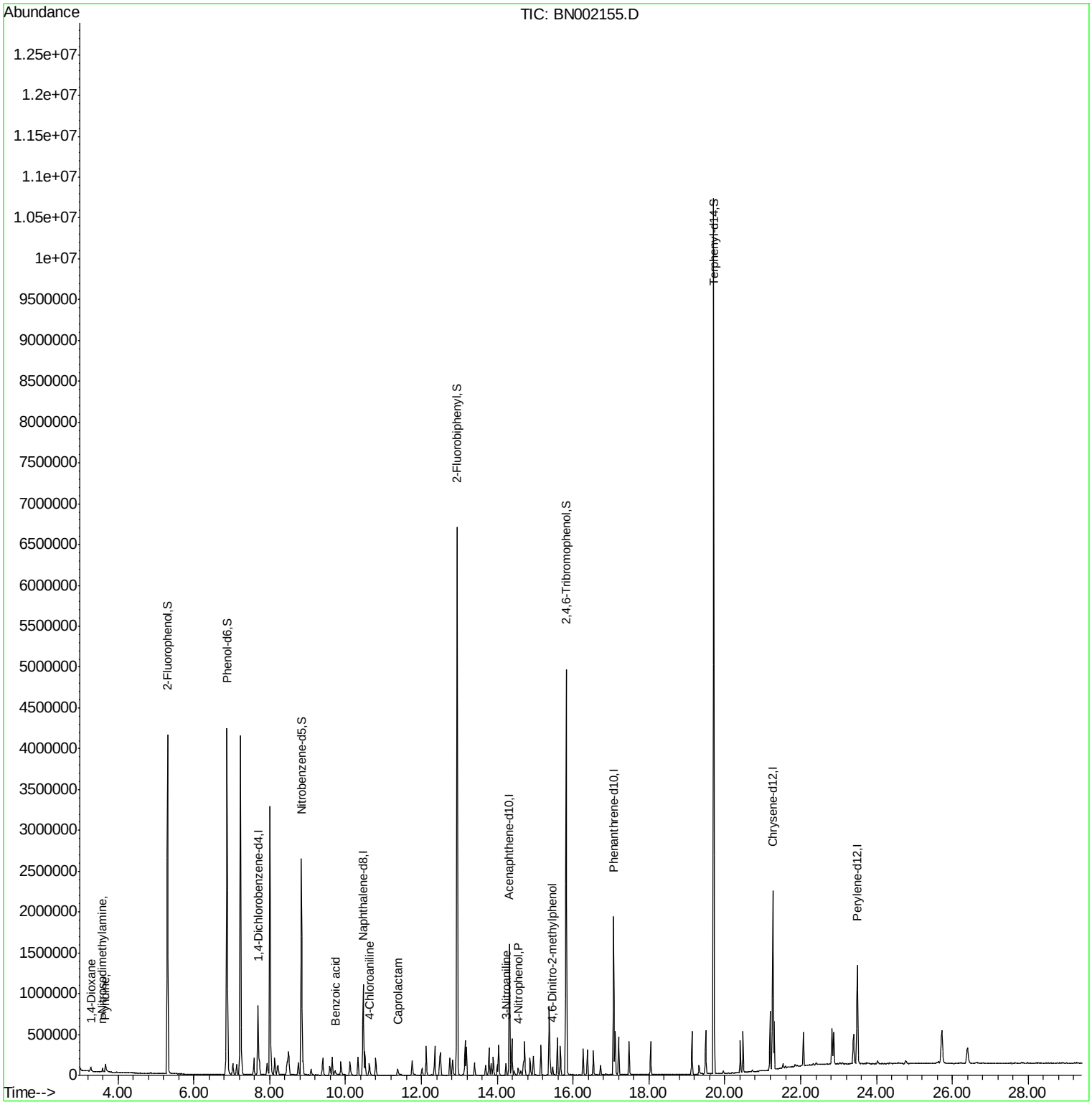
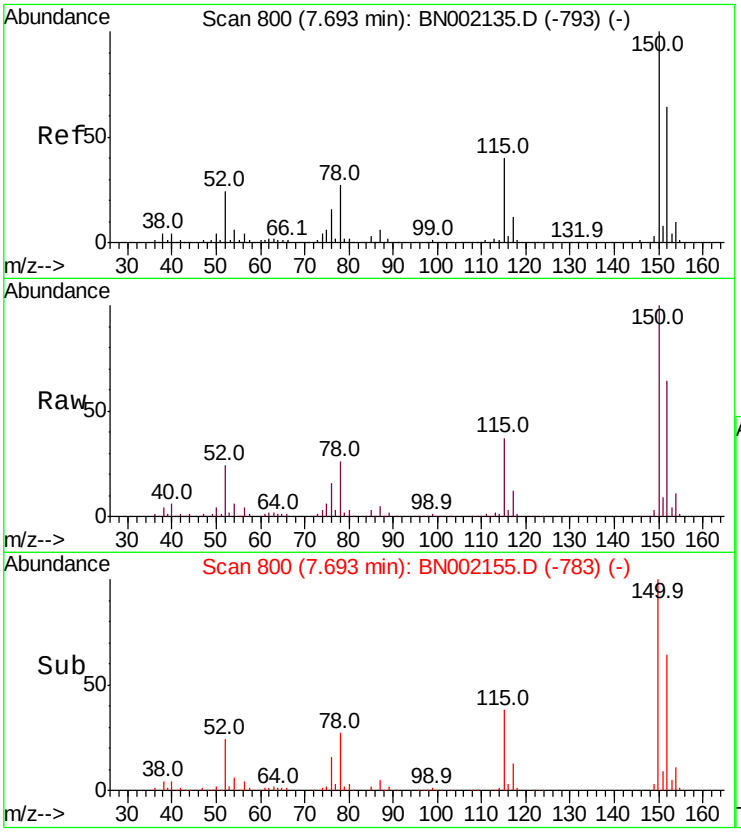
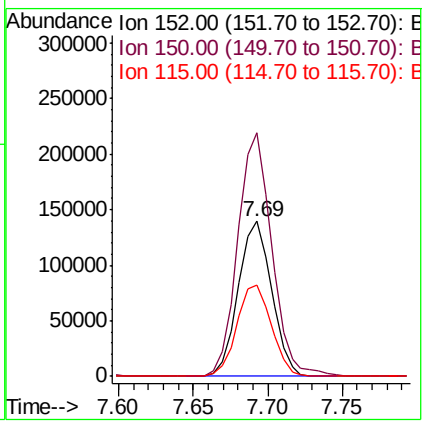




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:152 Resp: 217079

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	58.8	53.0	79.4



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

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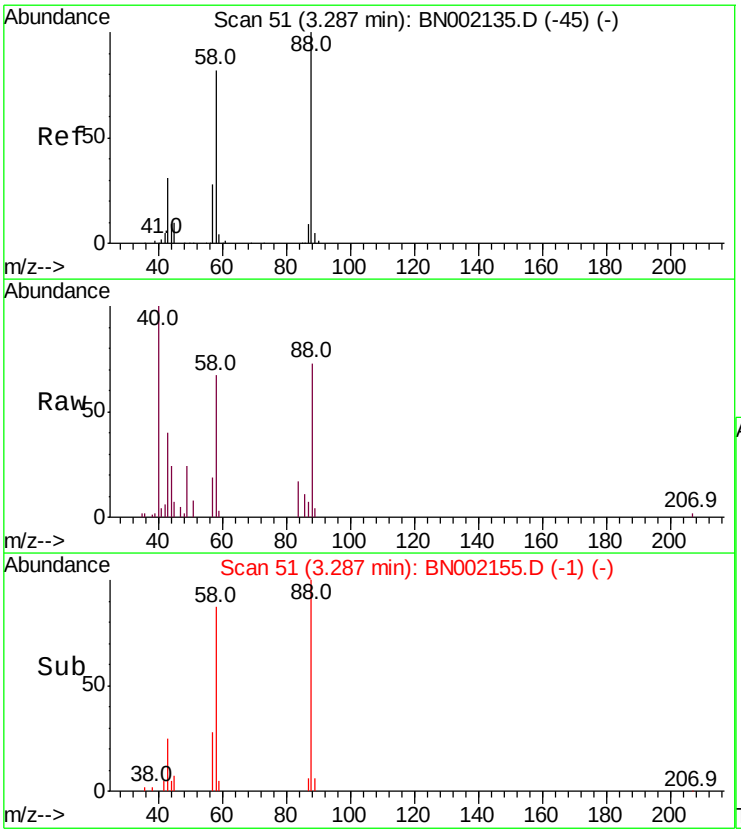
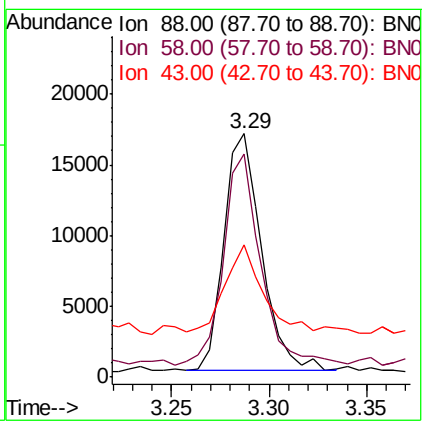
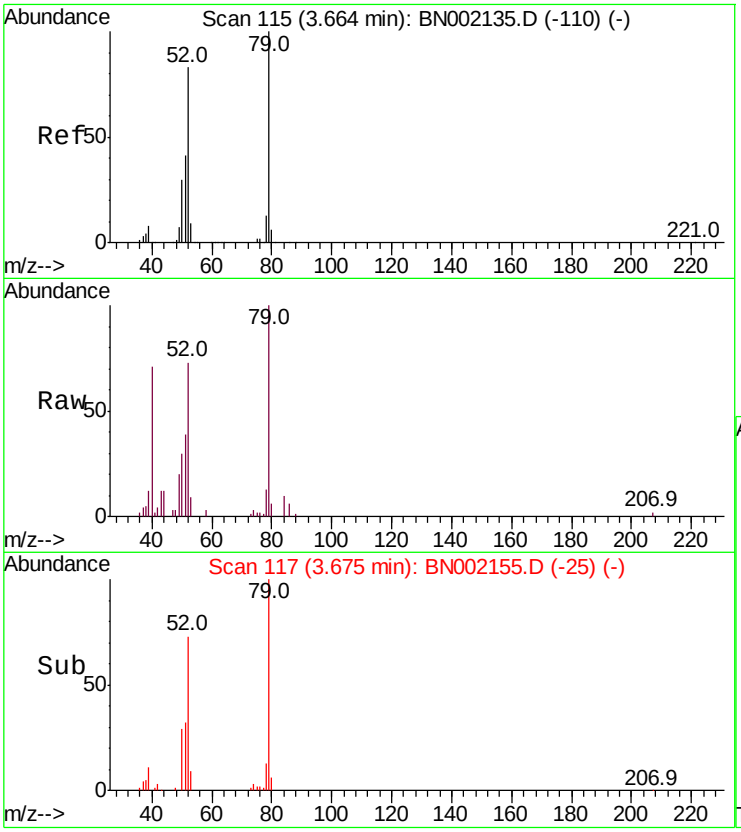


#2
1,4-Dioxane
Concen: 4.419 ng
RT: 3.29 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion: 88 Resp: 22371

Ion	Ratio	Lower	Upper
88	100		
58	88.1	52.0	78.0#
43	39.8	20.0	30.0#





#3
Pyridine
Concen: 4.328 ng
RT: 3.68 min Scan# 117
Delta R.T. 0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion: 79 Resp: 63457

Ion	Ratio	Lower	Upper
79	100		
52	73.4	44.0	66.0#
51	39.5	24.0	36.0#

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

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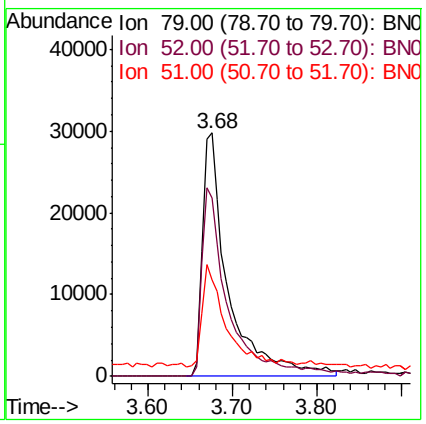
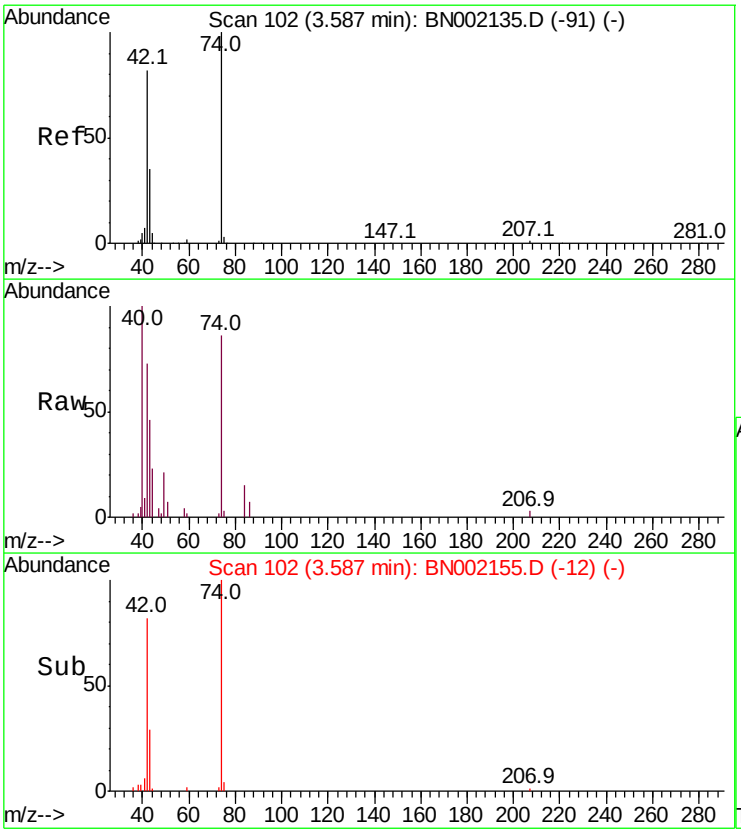
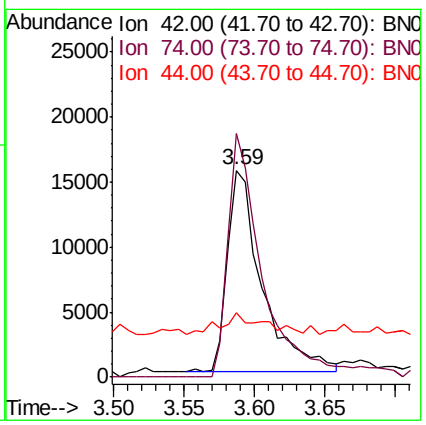


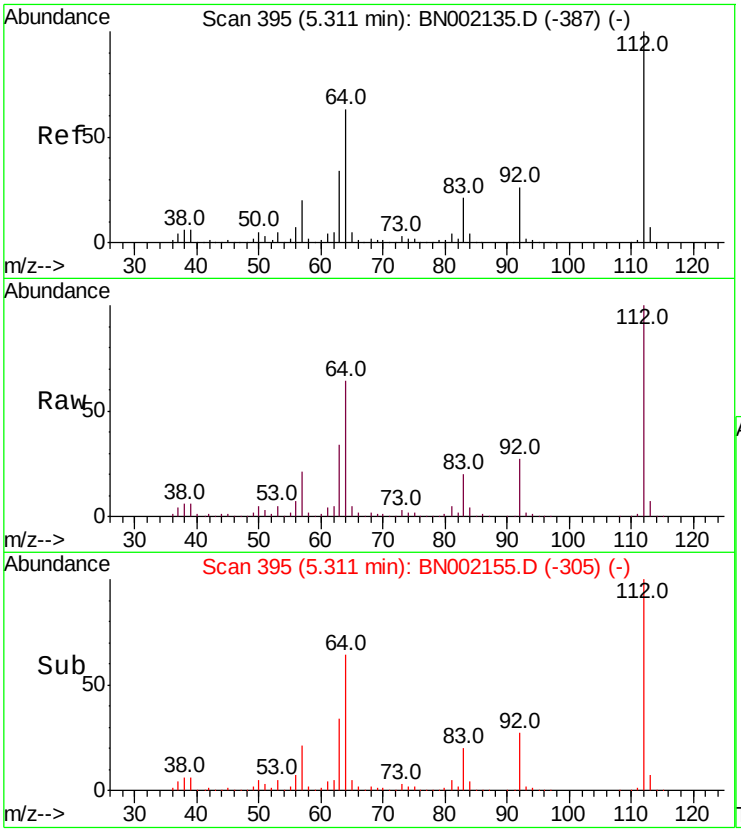


#4
n-Nitrosodimethylamine
Concen: 4.267 ng
RT: 3.59 min Scan# 102
Delta R.T. 0.00 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion: 42 Resp: 26837

Ion	Ratio	Lower	Upper
42	100		
74	117.6	128.0	192.0#
44	31.4	12.0	18.0#

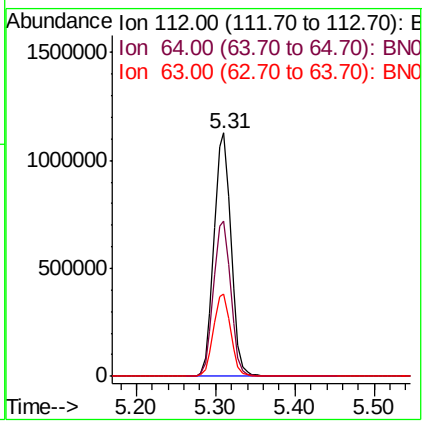




#5
2-Fluorophenol
Concen: 124.770 ng
RT: 5.31 min Scan# 395
Delta R.T. 0.00 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:112 Resp: 1682372

Ion	Ratio	Lower	Upper
112	100		
64	63.9	56.3	84.5
63	33.9	30.1	45.1



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

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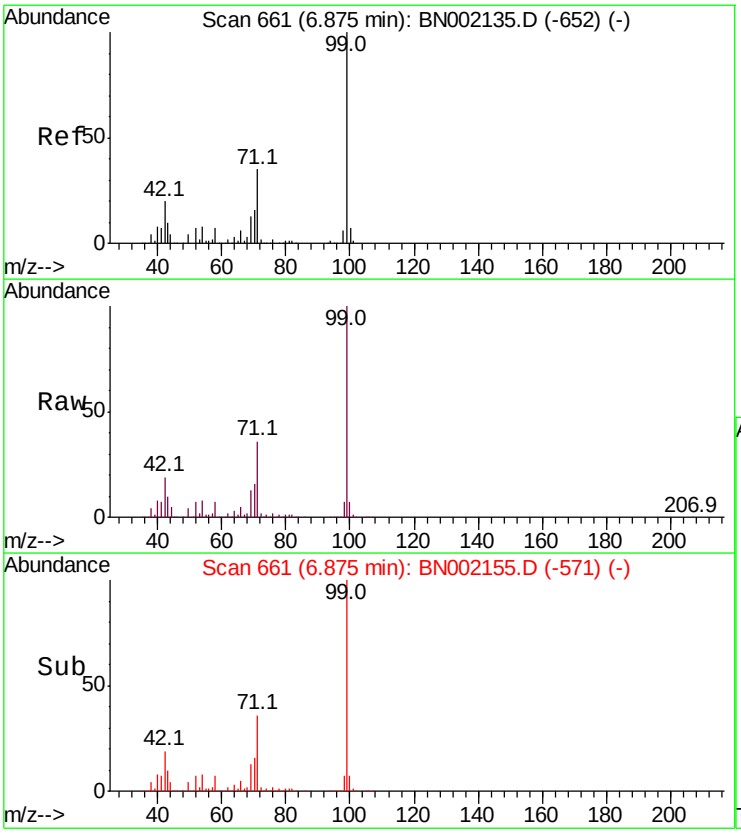
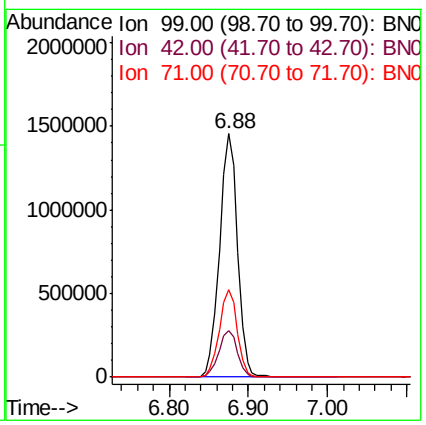
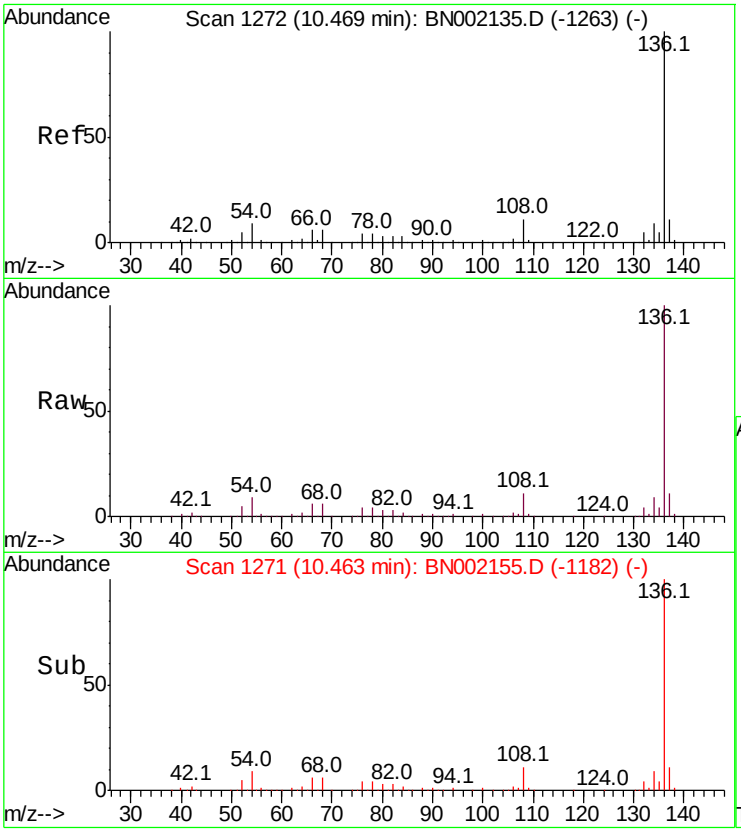


#7
Phenol-d6
Concen: 120.509 ng
RT: 6.88 min Scan# 661
Delta R.T. 0.00 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion: 99 Resp: 2280285

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.1	21.1
71	35.9	26.1	39.1

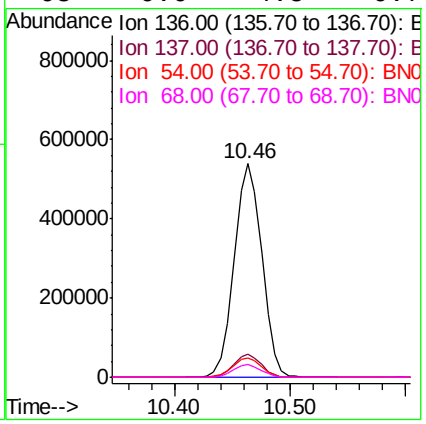




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:136 Resp: 893060

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.1	10.3	15.5#
68	6.0	4.5	6.7



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

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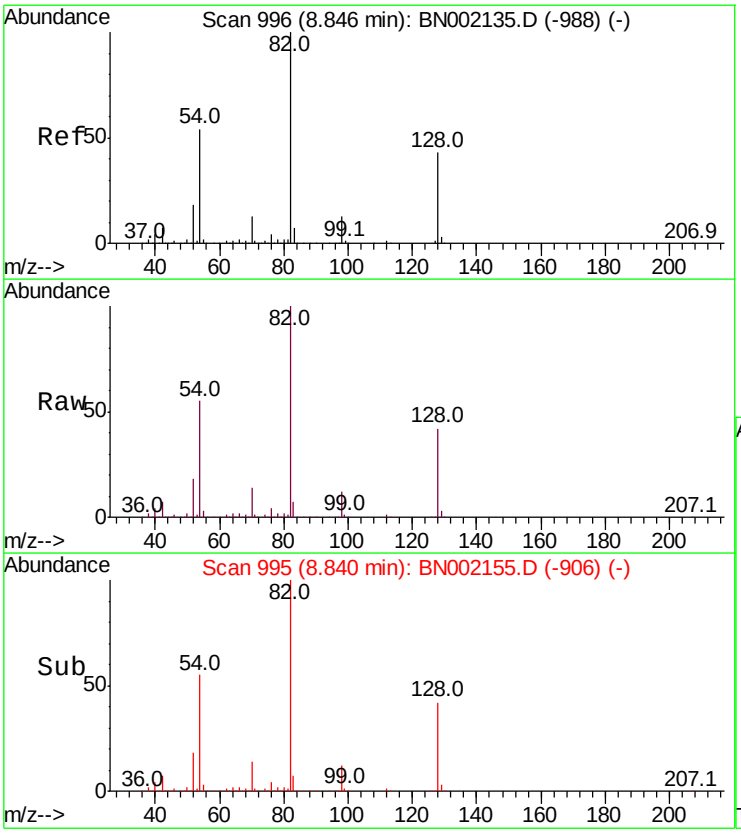
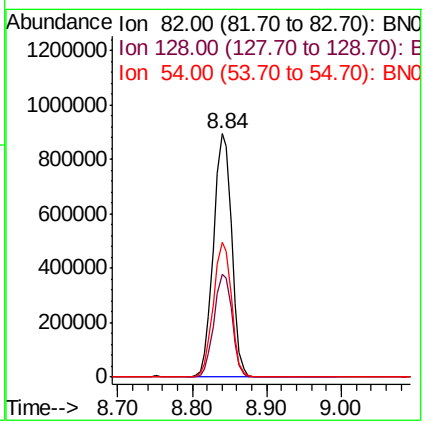
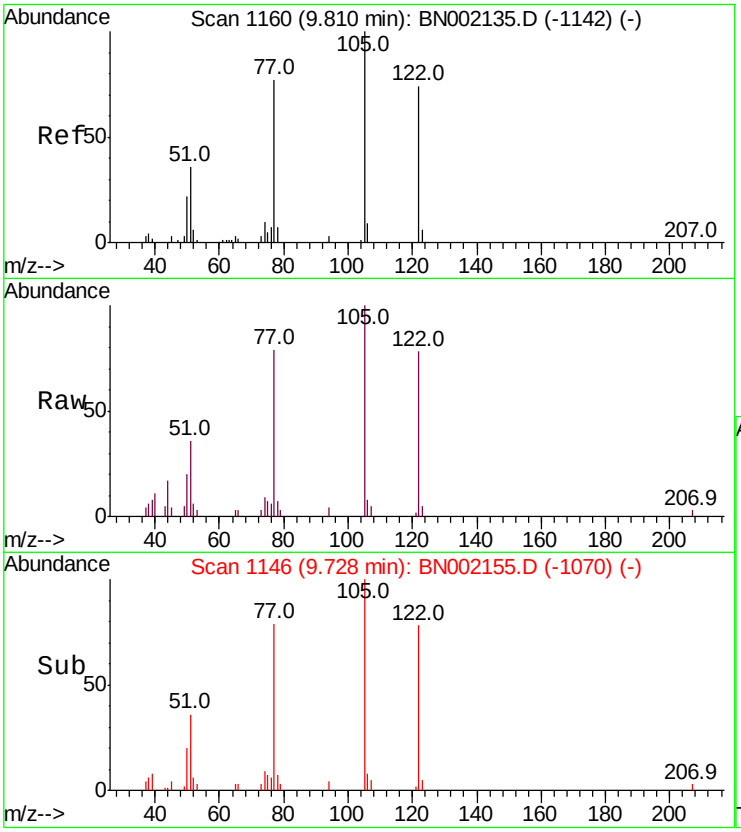


#23
Nitrobenzene-d5
Concen: 86.737 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion: 82 Resp: 1510467

Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.7	44.5
54	55.4	43.1	64.7

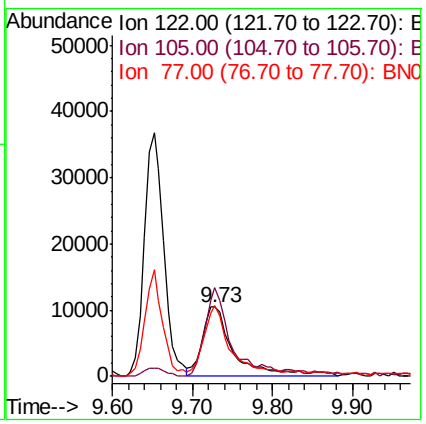




#32
Benzoic acid
Concen: 2.842 ng m
RT: 9.73 min Scan# 1146
Delta R.T. -0.08 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:122 Resp: 29238

Ion	Ratio	Lower	Upper
122	100		
105	128.9	123.5	163.5
77	101.6	85.7	125.7



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

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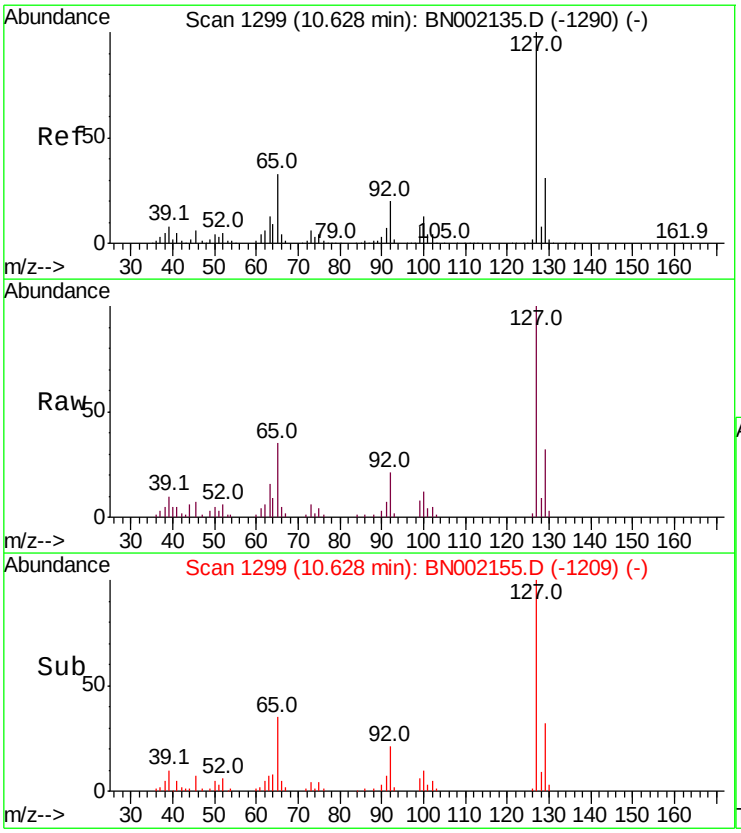
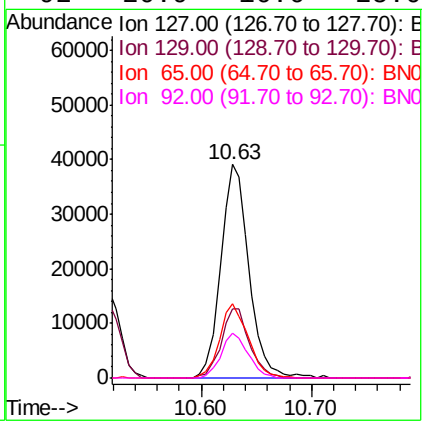
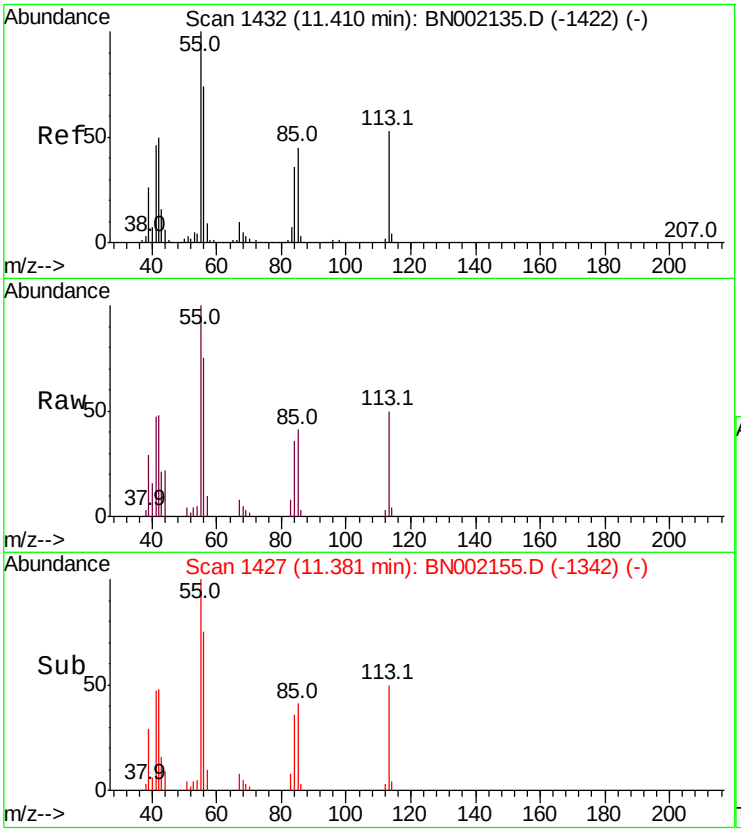


#33
4-Chloroaniline
Concen: 3.472 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:127 Resp: 69628

Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.0	36.0
65	34.9	27.0	40.4
92	20.9	16.6	25.0





#35
Caprolactam
Concen: 3.579 ng
RT: 11.38 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:113 Resp: 17271

Ion	Ratio	Lower	Upper
113	100		
55	200.9	120.0	160.0#
56	149.8	90.0	130.0#

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

Manual Integrations APPROVED
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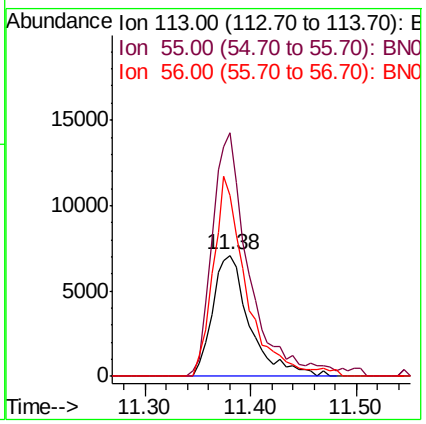
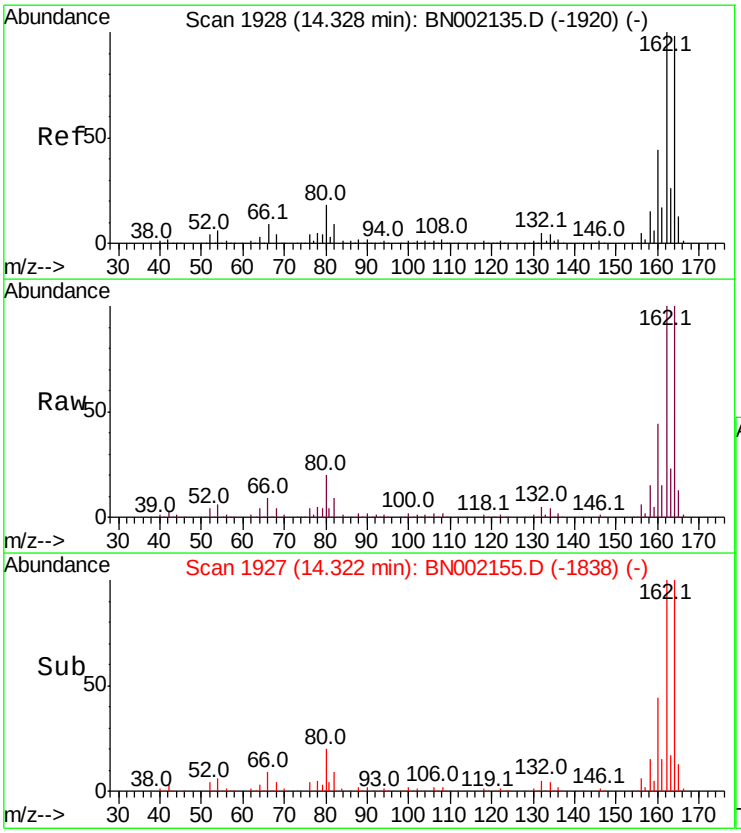
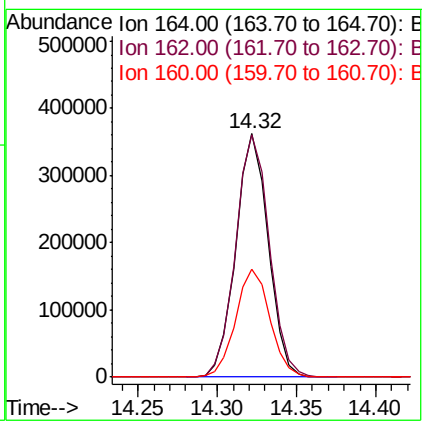


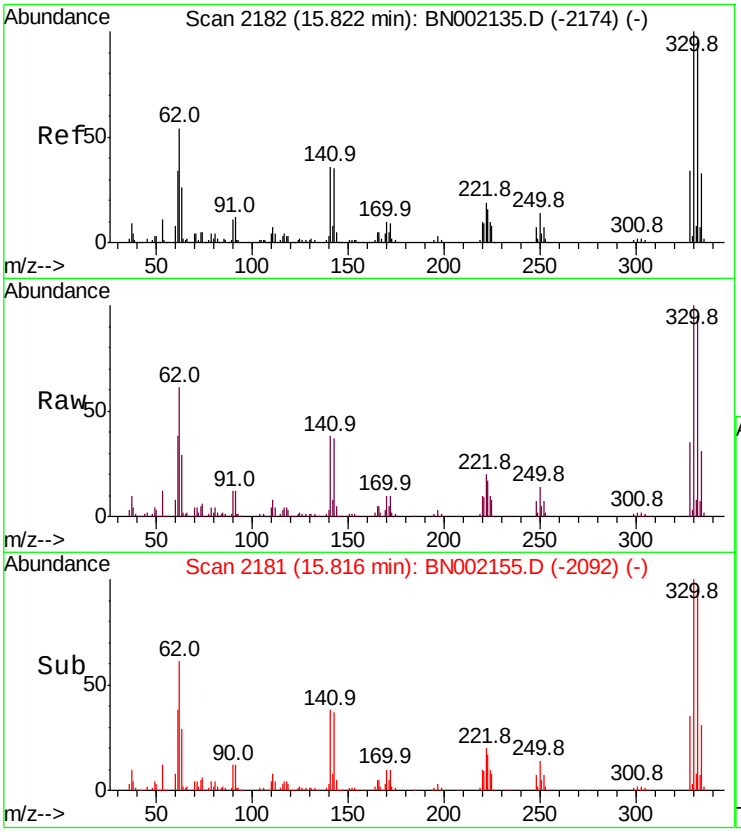


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:164 Resp: 513909

Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.8	118.2
160	44.4	35.4	53.0





#41
2,4,6-Tribromophenol
Concen: 125.759 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:330 Resp: 839228

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	37.6	25.2	37.8

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

Manual Integrations APPROVED
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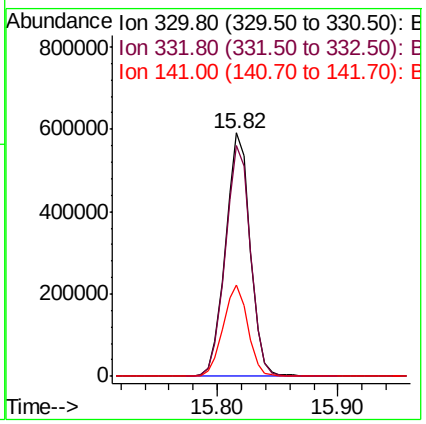
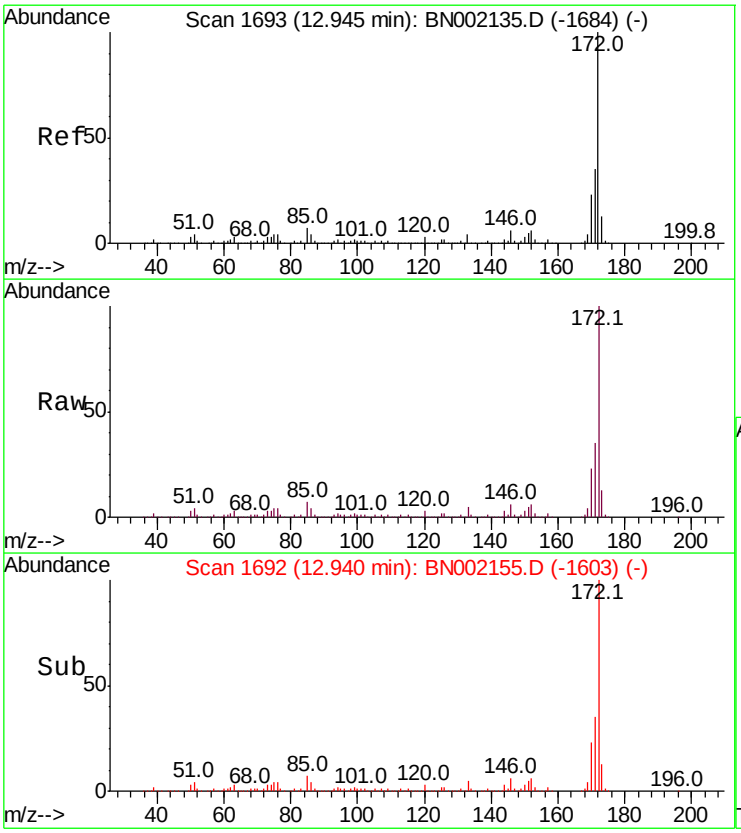
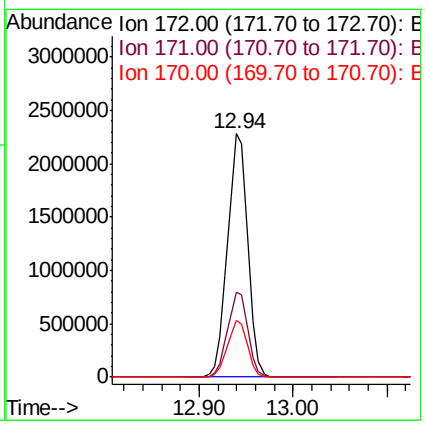


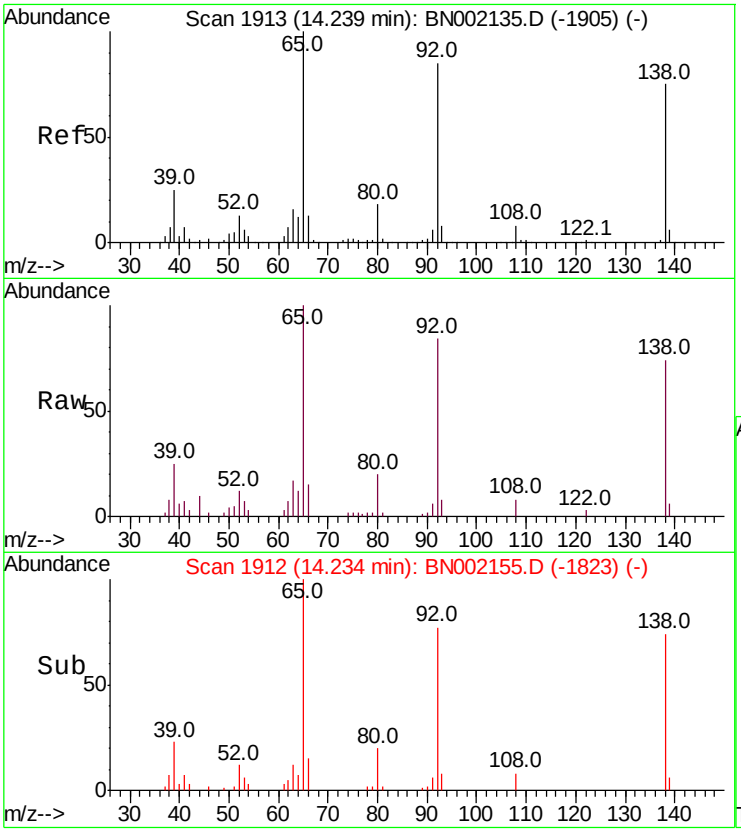


#44
2-Fluorobiphenyl
Concen: 85.969 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:172 Resp: 3391923

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.3	19.5	29.3

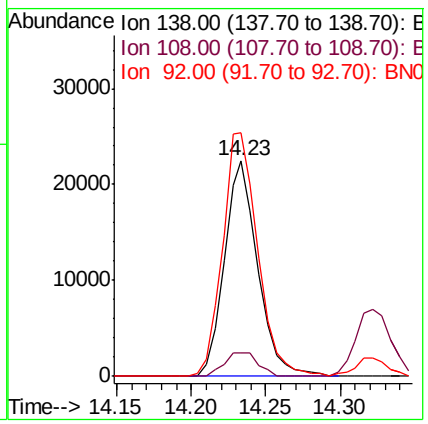




#52
3-Nitroaniline
Concen: 3.406 ng
RT: 14.23 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:138 Resp: 35001

Ion	Ratio	Lower	Upper
138	100		
108	11.0	17.5	26.3#
92	113.0	105.8	158.8



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

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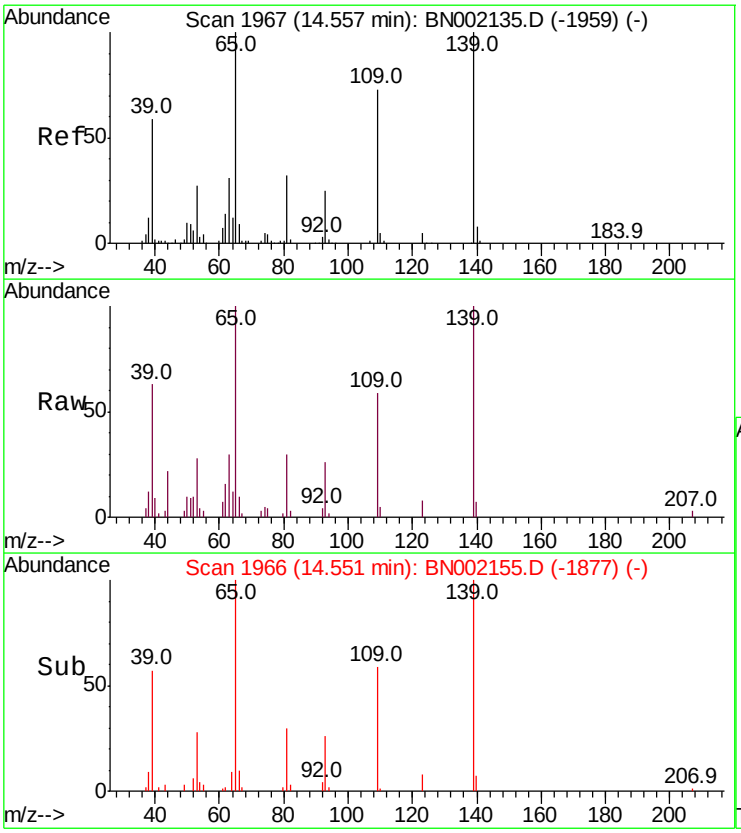
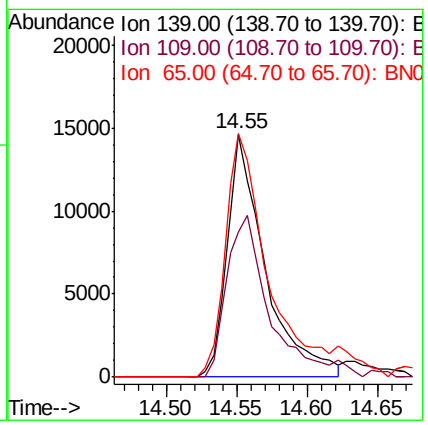
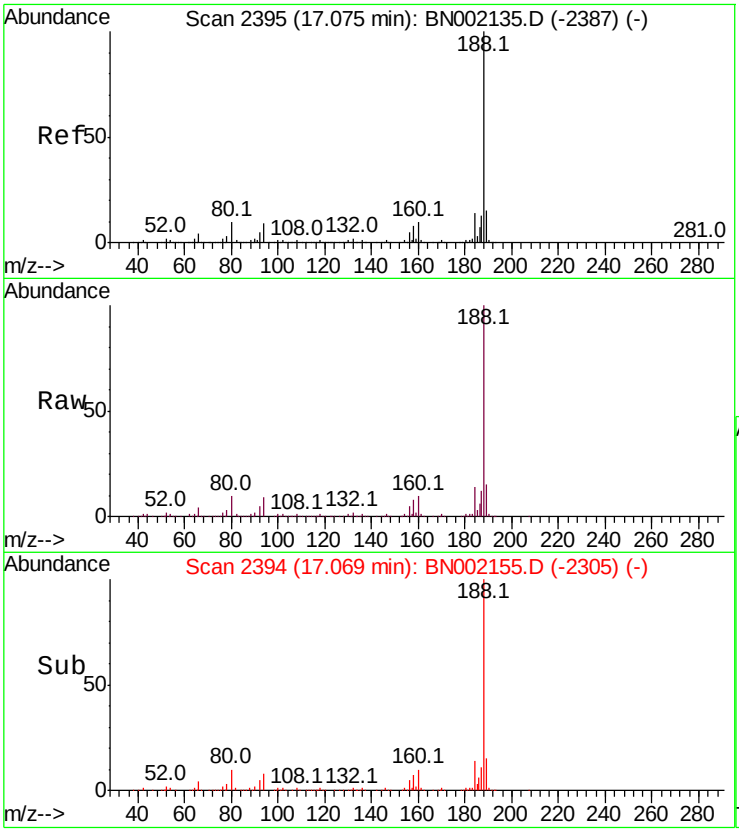


#55
4-Nitrophenol
Concen: 3.477 ng
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:139 Resp: 27430

Ion	Ratio	Lower	Upper
139	100		
109	59.7	62.2	102.2#
65	100.4	97.2	137.2





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:188 Resp: 1080383

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	10.1	7.7	11.5

Instrument :
BNA_N
ClientSampleId :
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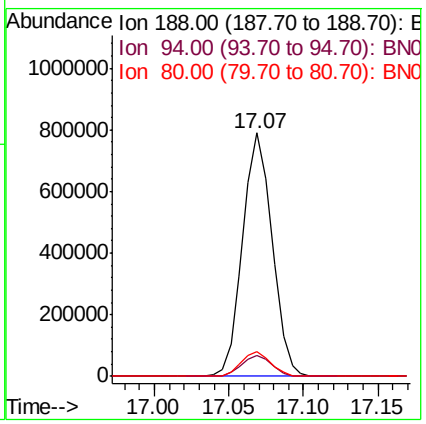
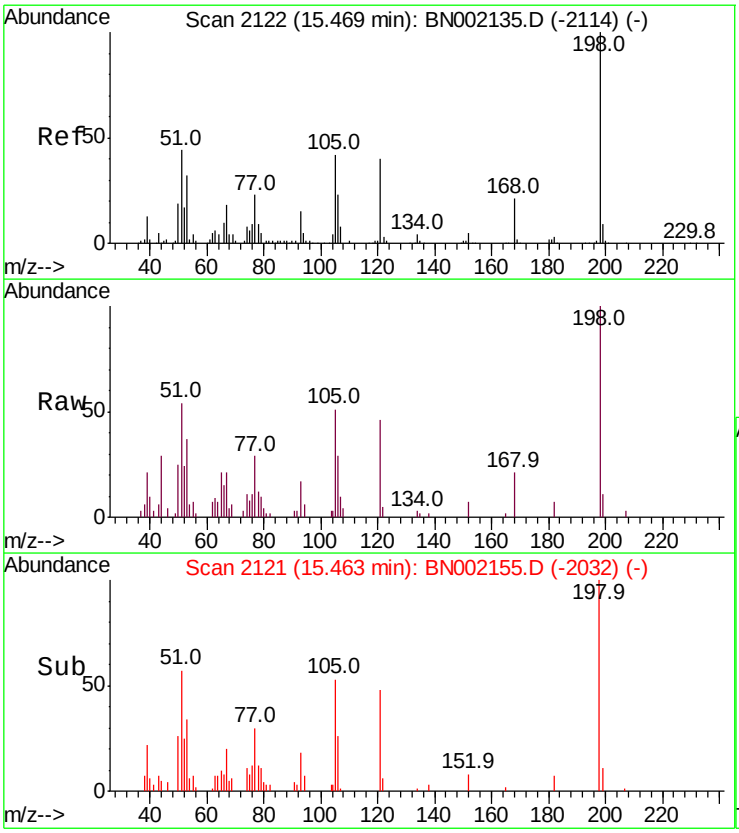
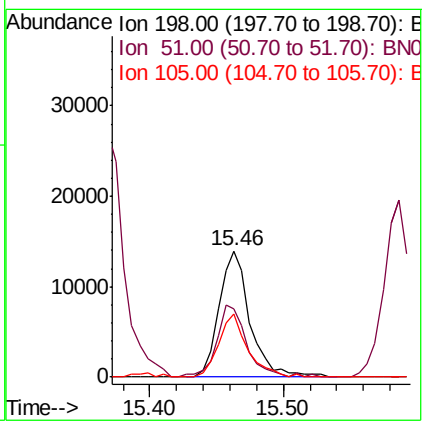


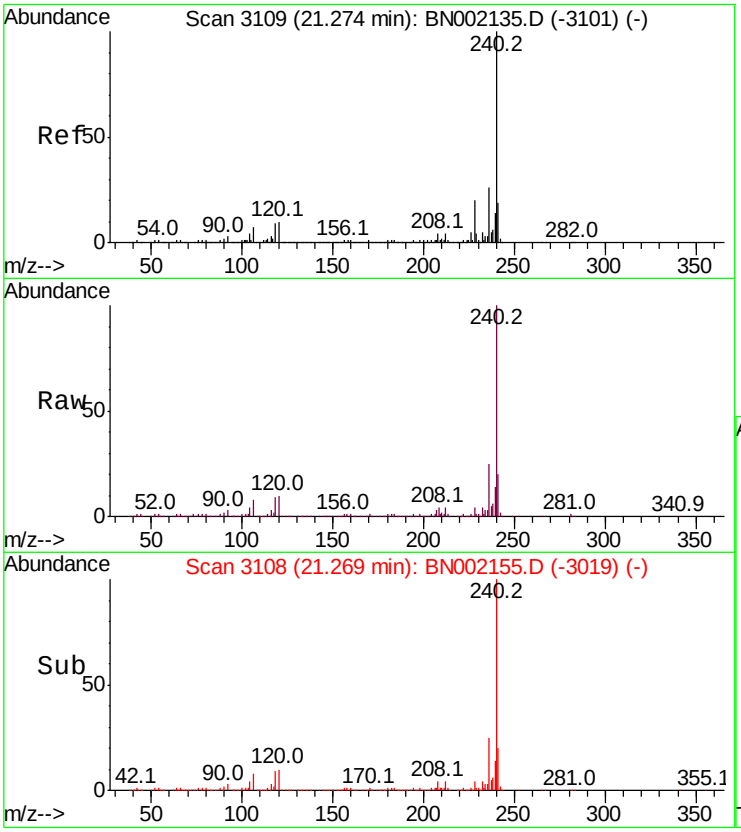


#64
4,6-Dinitro-2-methylphenol
Concen: 3.102 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:198 Resp: 22626

Ion	Ratio	Lower	Upper
198	100		
51	54.3	30.6	70.6
105	50.5	23.8	63.8

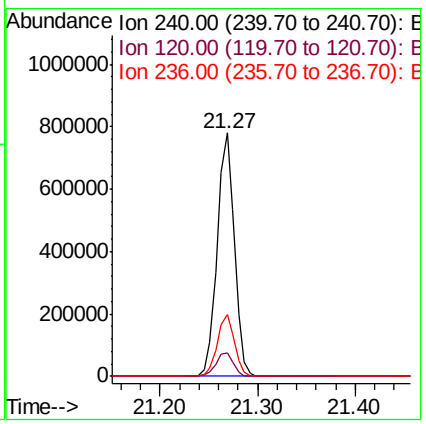




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:240 Resp: 953163

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.8	10.2
236	25.5	20.9	31.3



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

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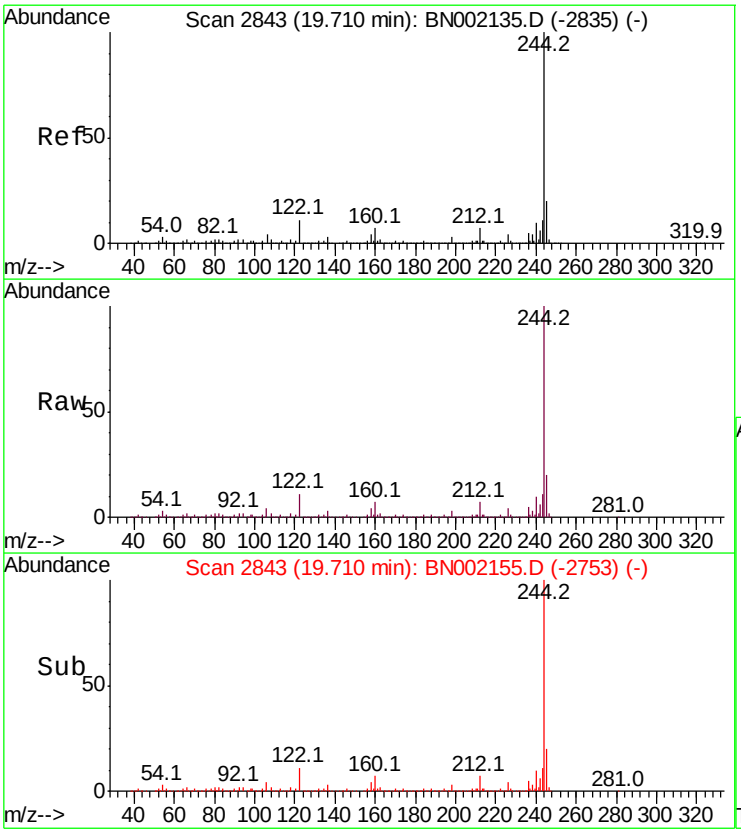
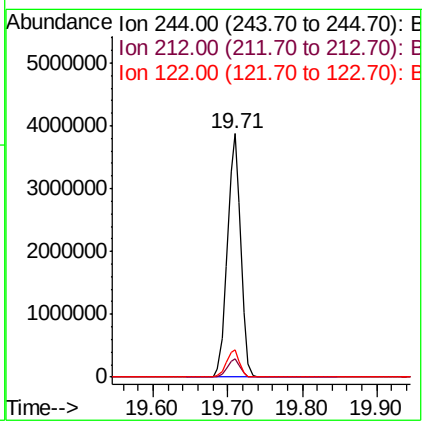
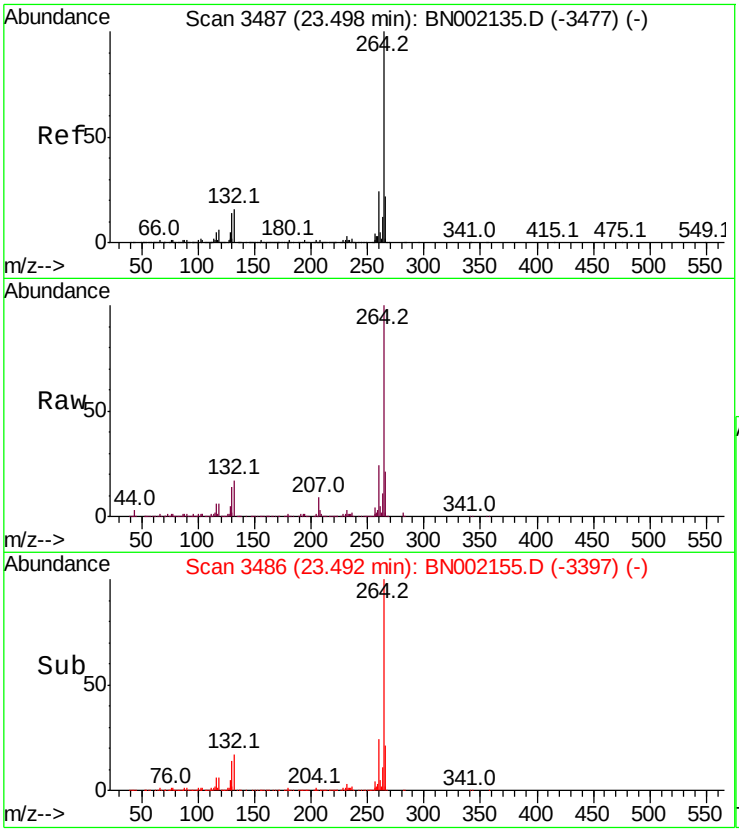


#78
Terphenyl-d14
Concen: 106.107 ng
RT: 19.71 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:244 Resp: 4849196

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.0	7.0	10.4#

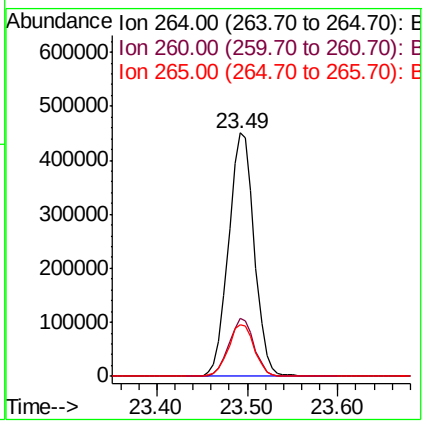




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BN002155.D
Acq: 26 Jul 2018 02:33

Tgt Ion:264 Resp: 890838

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.2	17.7	26.5



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

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