

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003313.D
 Acq On : 26 Oct 2018 20:03
 Operator : MJ/SJ
 Sample : J5164-07
 Misc : 0.1 PPM LOD
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 29 16:40:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	12059	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	49741	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	28830	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	72636	0.40	ng	0.00
27) Chrysene-d12	21.42	240	75982	0.40	ng	0.00
34) Perylene-d12	23.74	264	68719	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	9154	0.31	ng	0.00
5) Phenol-d6	7.02	99	11405	0.30	ng	0.00
8) Nitrobenzene-d5	9.02	82	8144	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	25303	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	3038	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	43759	0.35	ng	-0.01
25) Fluoranthene-d10	19.26	212	61535	0.29	ng	0.00
29) Terphenyl-d14	19.87	244	58298	0.33	ng	0.00

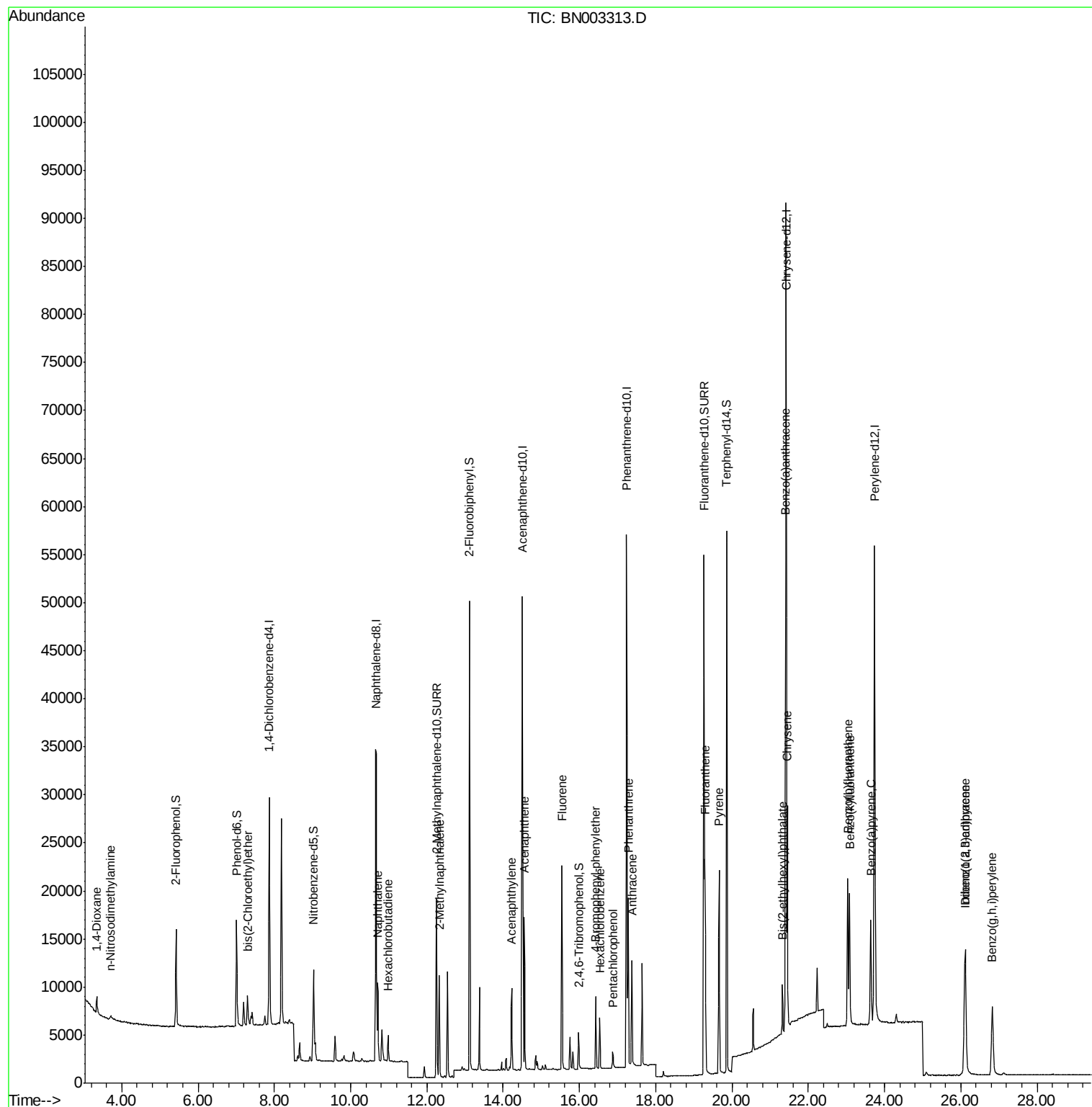
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	1452	0.093	ng	97
3) n-Nitrosodimethylamine	3.71	42	466	0.065	ng	# 98
6) bis(2-Chloroethyl)ether	7.30	93	2874	0.085	ng	94
9) Naphthalene	10.71	128	11481	0.094	ng	97
10) Hexachlorobutadiene	10.99	225	2124	0.096	ng	# 98
12) 2-Methylnaphthalene	12.32	142	7721	0.091	ng	99
16) Acenaphthylene	14.22	152	10192	0.079	ng	99
17) Acenaphthene	14.56	154	7897	0.089	ng	98
18) Fluorene	15.55	166	9849	0.088	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	3615	0.086	ng	# 77
21) Hexachlorobenzene	16.54	284	4115	0.093	ng	99
22) Pentachlorophenol	16.88	266	864	0.072	ng	97
23) Phenanthrene	17.28	178	17731	0.089	ng	100
24) Anthracene	17.38	178	13391	0.078	ng	100
26) Fluoranthene	19.29	202	19848	0.087	ng	99
28) Pyrene	19.66	202	19356	0.092	ng	100
30) Benzo(a)anthracene	21.41	228	15911	0.080	ng	99
31) Chrysene	21.45	228	20558	0.096	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	4722	0.080	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.10	276	18519	0.083	ng	97
35) Benzo(b)fluoranthene	23.03	252	19349	0.090	ng	94
36) Benzo(k)fluoranthene	23.08	252	18640	0.088	ng	# 89
37) Benzo(a)pyrene	23.64	252	16275	0.083	ng	92
38) Dibenzo(a,h)anthracene	26.12	278	14782	0.081	ng	92
39) Benzo(g,h,i)perylene	26.83	276	16015	0.088	ng	96

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

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QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 601

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

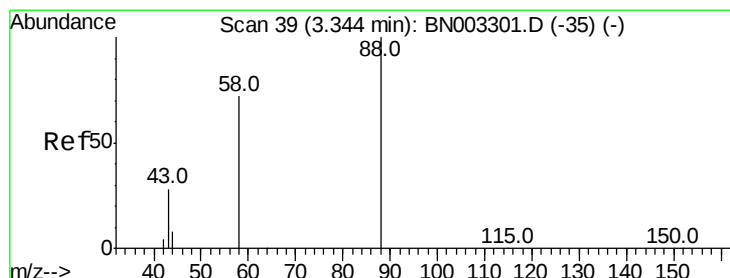
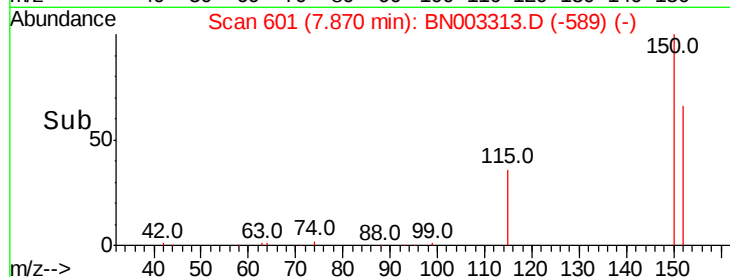
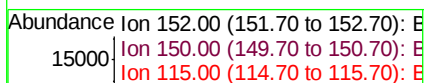
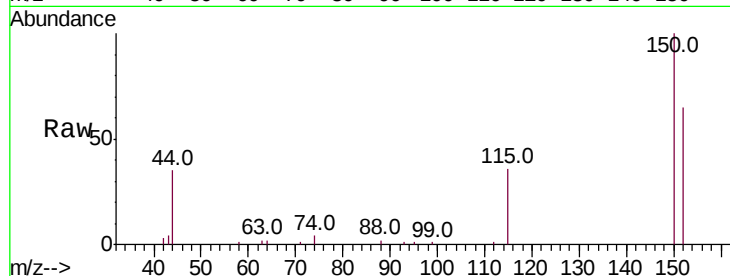
Tot Ion:152 Resp: 12059

Ion Ratio Lower Upper

152 100

150 152.9 124.6 187.0

115 55.8 46.4 69.6



#2

1,4-Dioxane

Concen: 0.093 ng

RT: 3.34 min Scan# 39

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

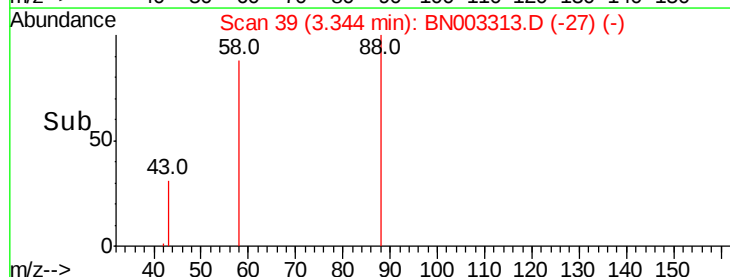
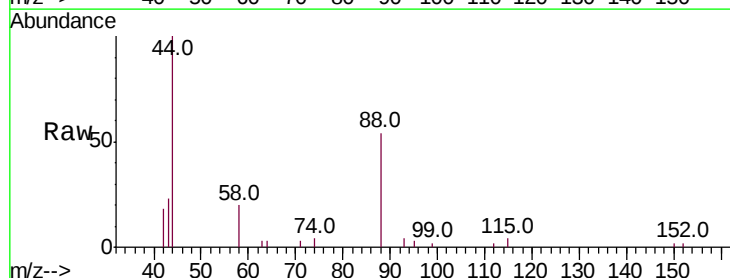
Tgt Ion: 88 Resp: 1452

Ion Ratio Lower Upper

88 100

58 72.2 60.9 91.3

43 29.6 23.9 35.9





#3

n-Nitrosodimethylamine

Concen: 0.065 ng

RT: 3.71 min Scan# 84

Delta R.T. 0.02 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

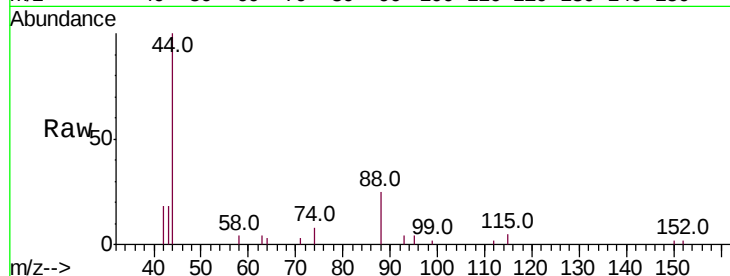
Tot Ion: 42 Resp: 466

Ion Ratio Lower Upper

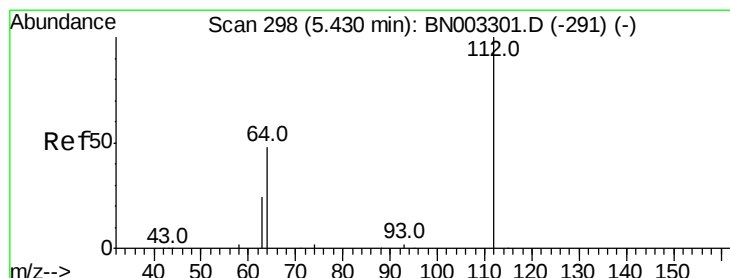
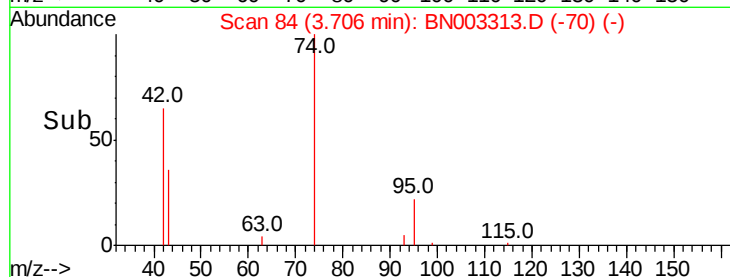
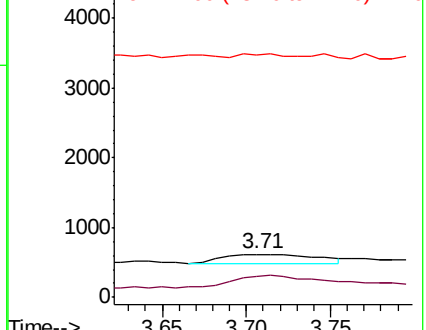
42 100

74 124.5 99.1 148.7

44 15.5 4.2 6.4#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.307 ng

RT: 5.43 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

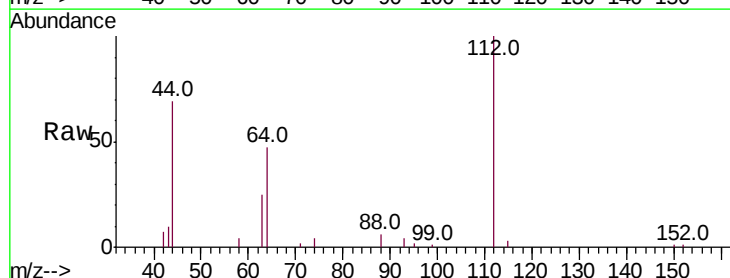
Tgt Ion: 112 Resp: 9154

Ion Ratio Lower Upper

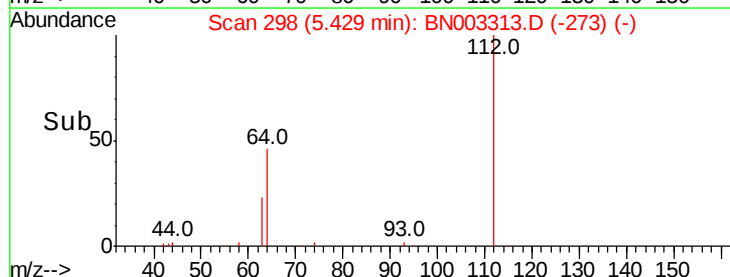
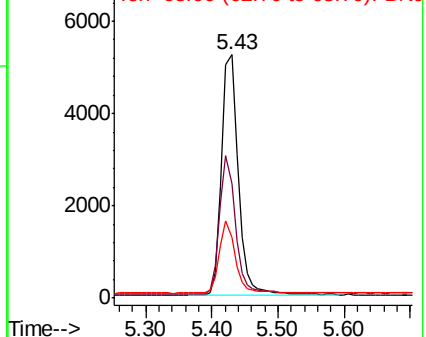
112 100

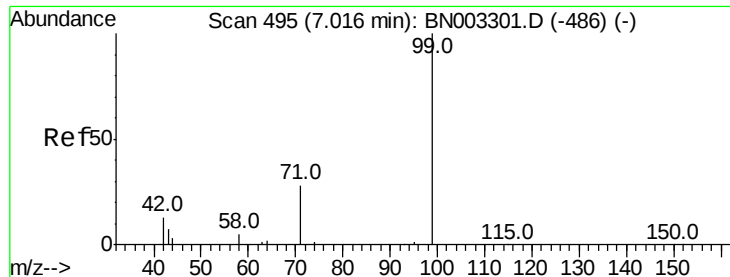
64 54.2 44.3 66.5

63 27.9 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.302 ng

RT: 7.02 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

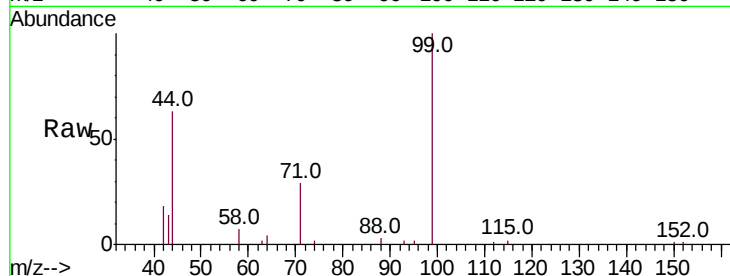
Tot Ion: 99 Resp: 11405

Ion Ratio Lower Upper

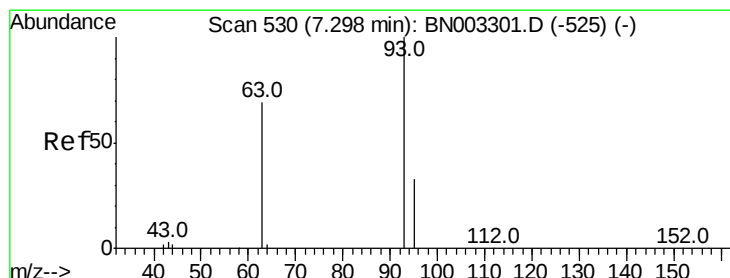
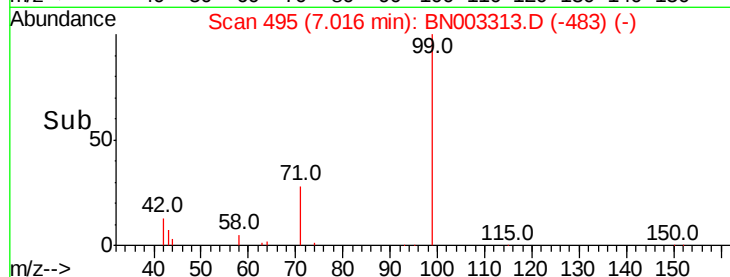
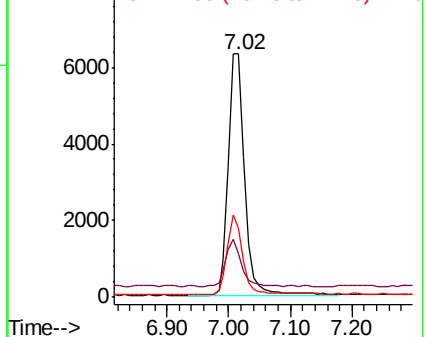
99 100

42 18.2 14.8 22.2

71 31.2 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.085 ng

RT: 7.30 min Scan# 530

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

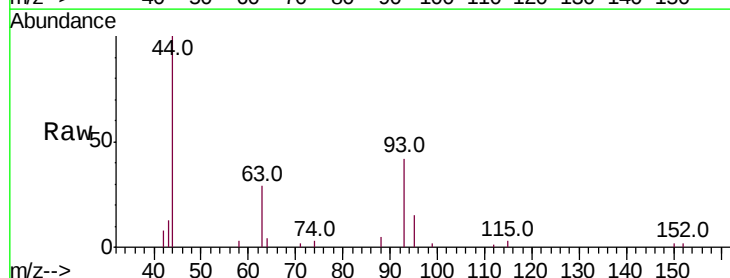
Tgt Ion: 93 Resp: 2874

Ion Ratio Lower Upper

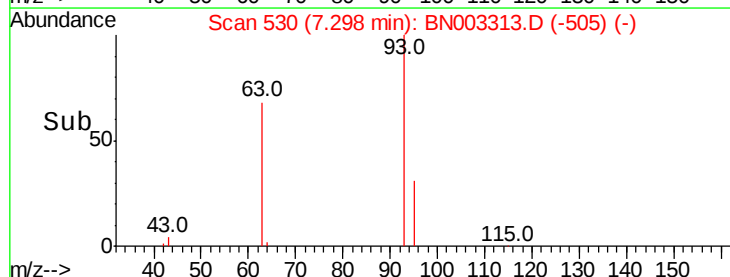
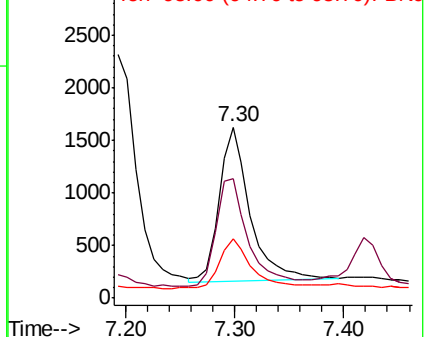
93 100

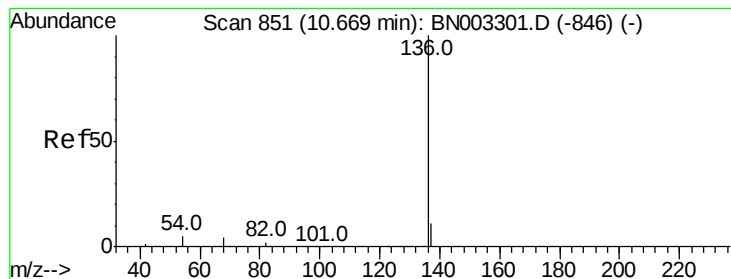
63 74.5 55.8 83.6

95 34.9 25.4 38.2



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:136 Resp: 49741

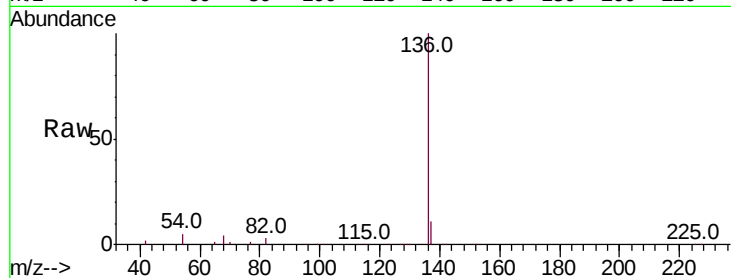
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 4.8 4.1 6.1

68 4.1 3.5 5.3

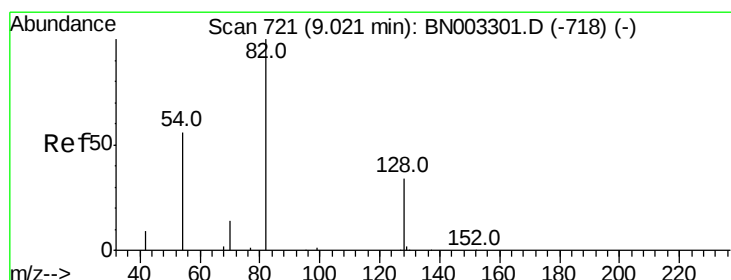
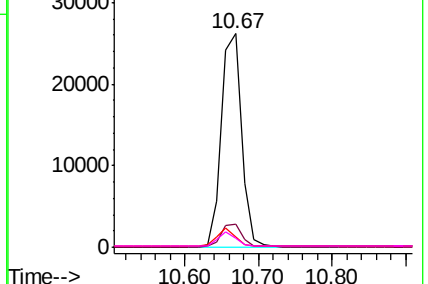
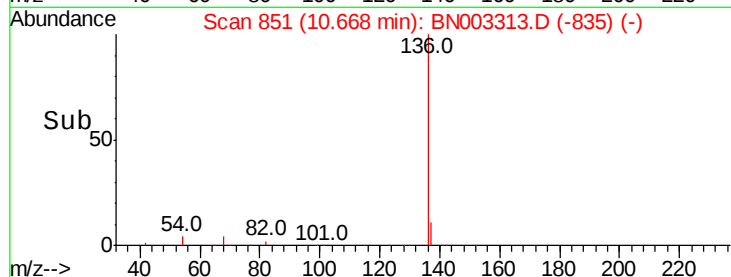


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.374 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

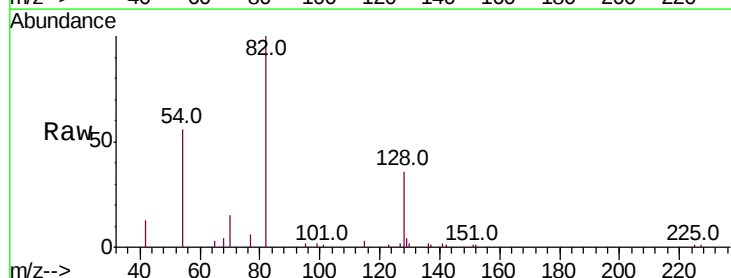
Tgt Ion: 82 Resp: 8144

Ion Ratio Lower Upper

82 100

128 36.5 28.9 43.3

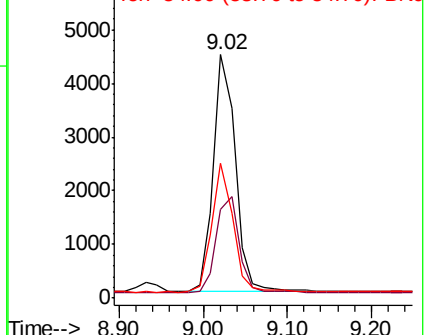
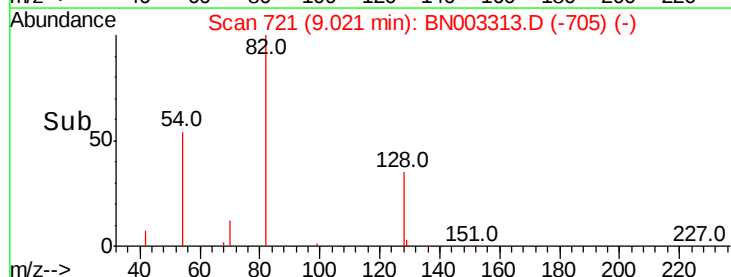
54 55.6 46.1 69.1

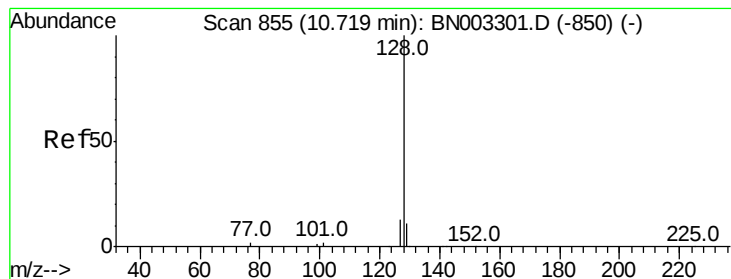


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.094 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

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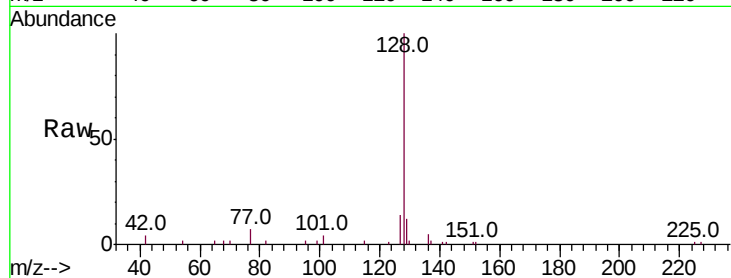
Tot Ion:128 Resp: 11481

Ion Ratio Lower Upper

128 100

129 12.2 9.1 13.7

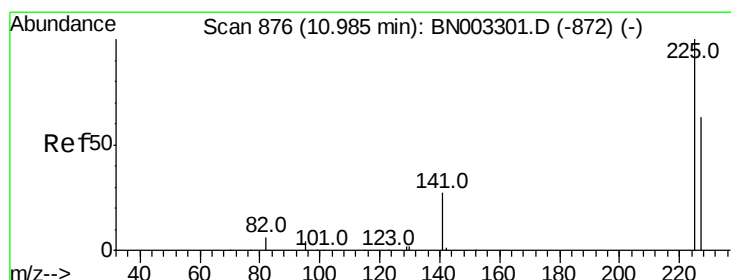
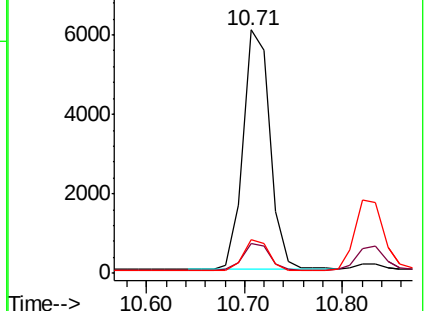
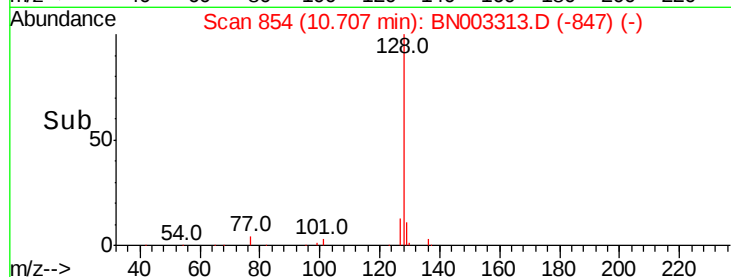
127 14.0 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.096 ng

RT: 10.99 min Scan# 876

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

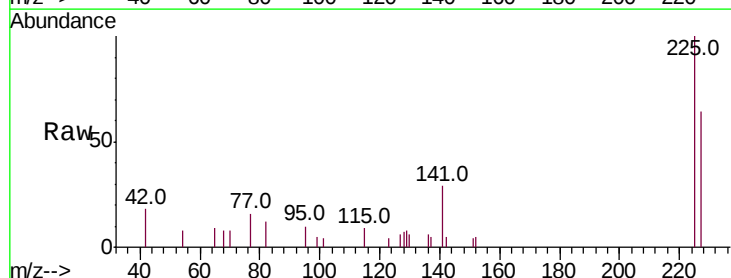
Tgt Ion:225 Resp: 2124

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

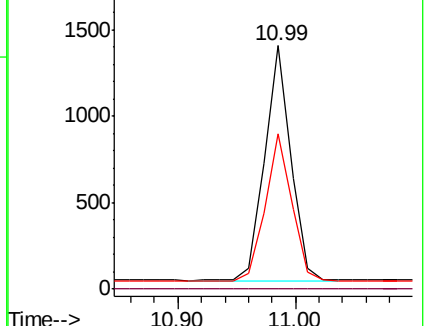
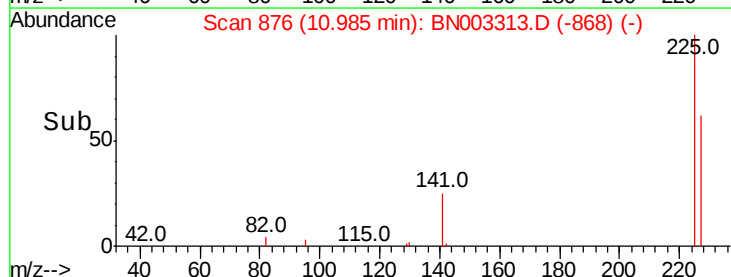
227 62.9 51.3 76.9

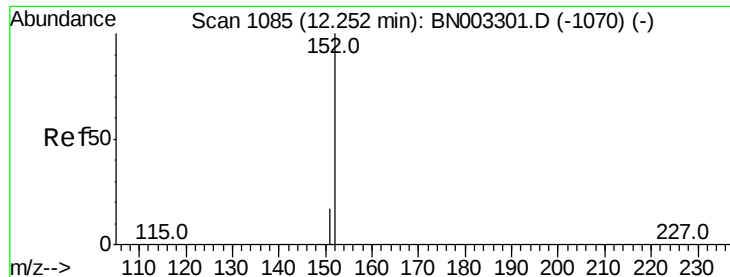


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 12.25 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

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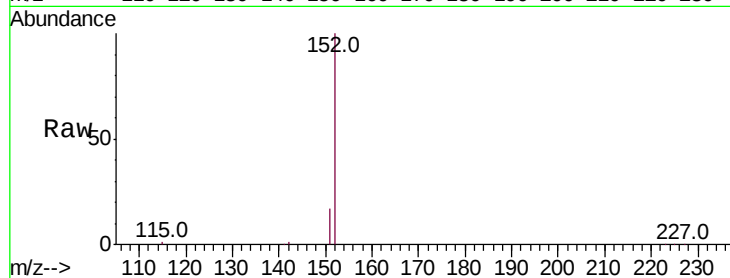
LOD-MDL-WATER-01-QT4-2018

Tot Ion:152 Resp: 25303

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

15000

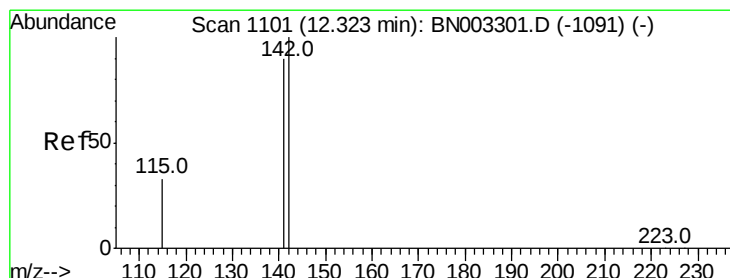
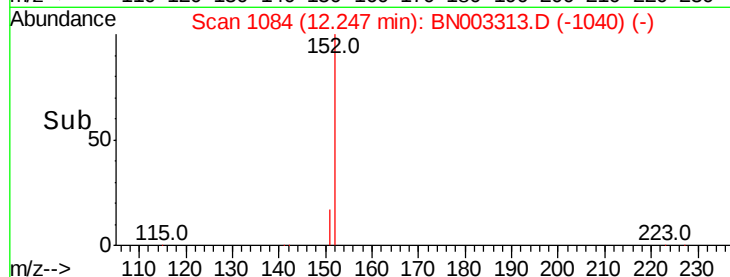
10000

5000

0

12.20 12.30 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.091 ng

RT: 12.32 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

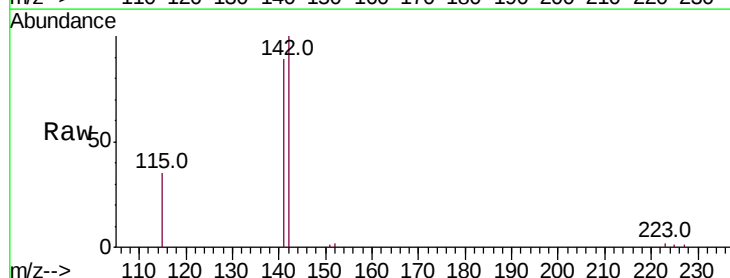
Tgt Ion:142 Resp: 7721

Ion Ratio Lower Upper

142 100

141 89.1 71.9 107.9

115 34.7 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

6000

5000

4000

3000

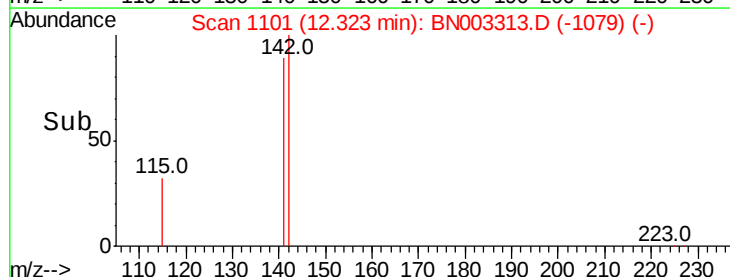
2000

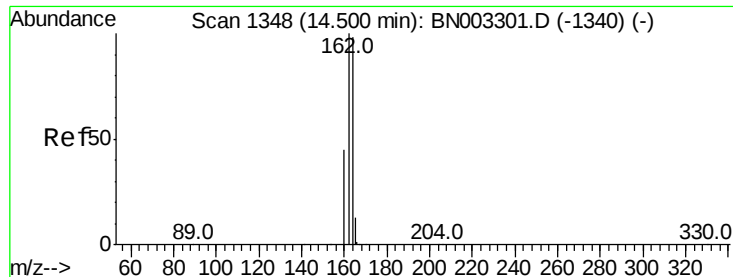
1000

0

12.30 12.40

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BN003313.D

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LOD-MDL-WATER-01-QT4-2018

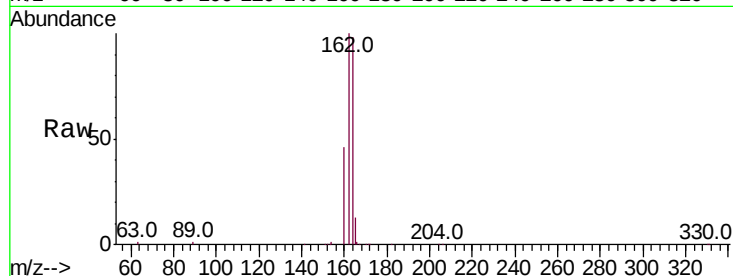
Tot Ion:164 Resp: 28830

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

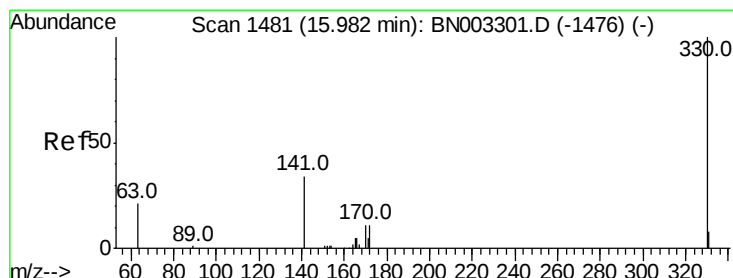
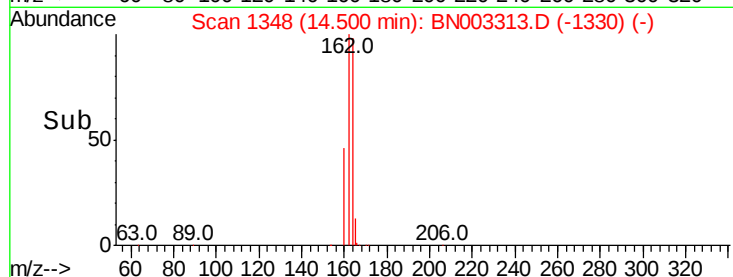
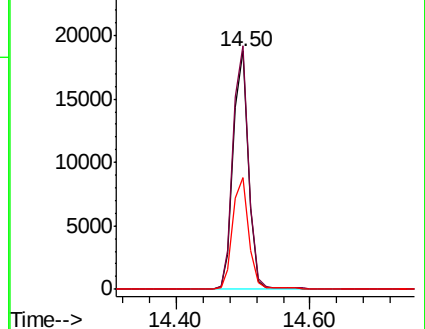
160 46.9 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.265 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

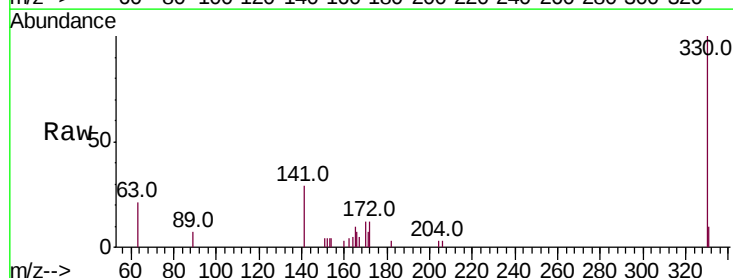
Tgt Ion:330 Resp: 3038

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

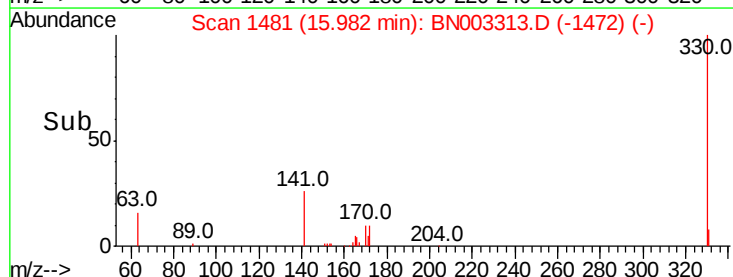
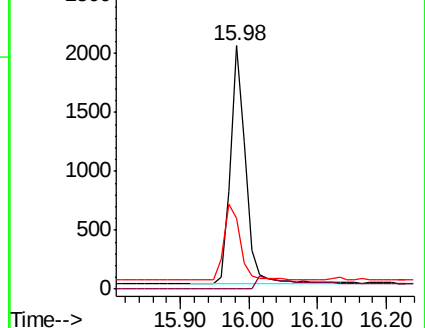
141 34.9 28.3 42.5

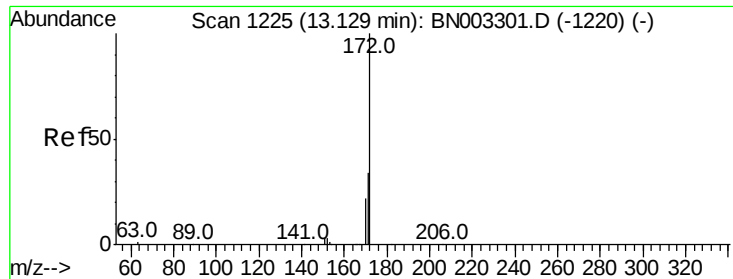


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

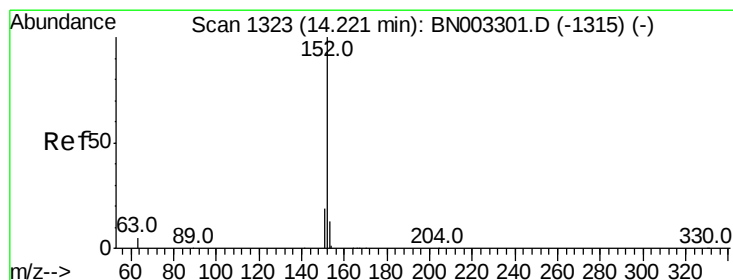
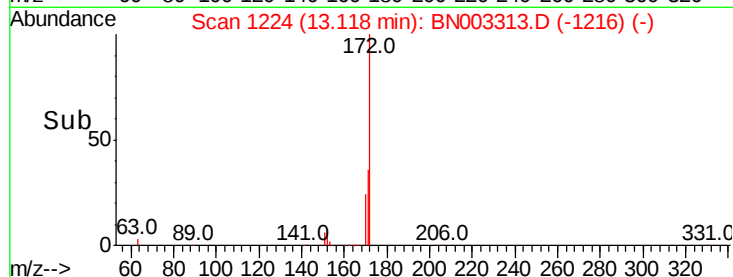
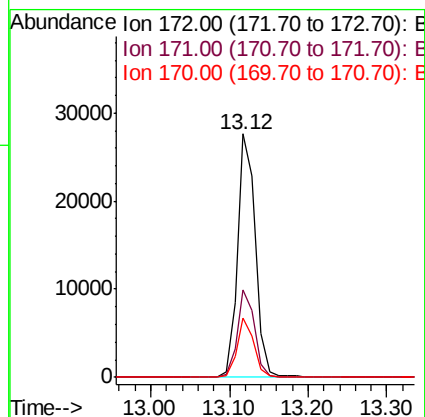
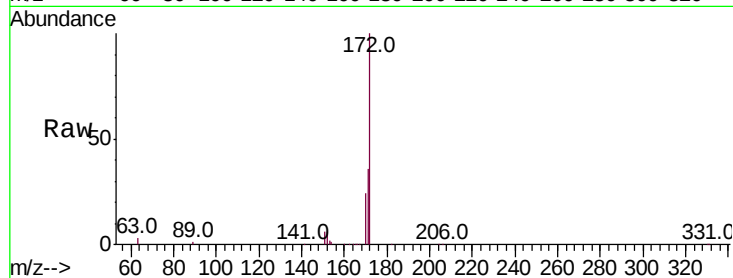




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003313.D
Acq: 26 Oct 2018 20:03

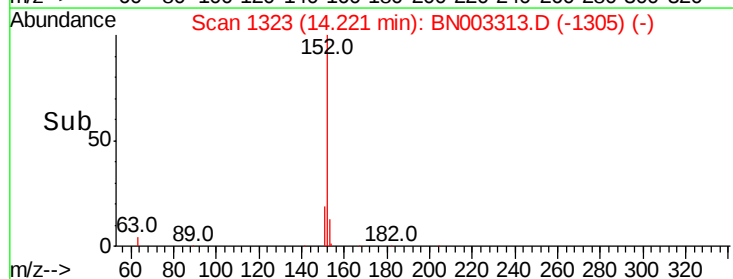
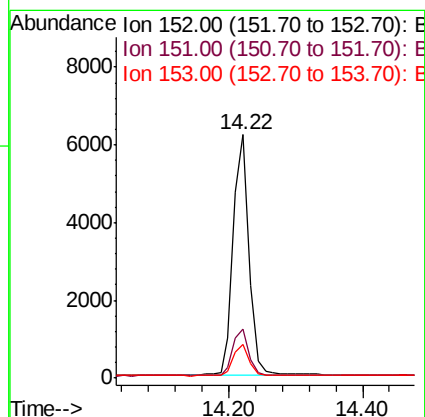
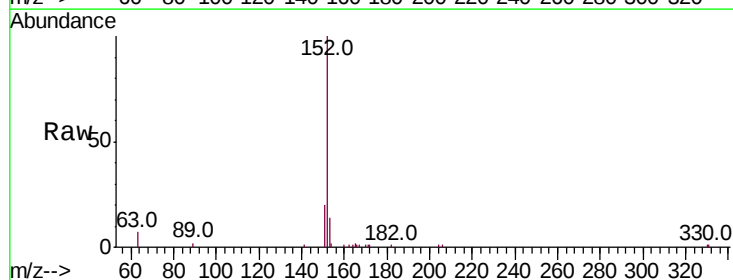
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

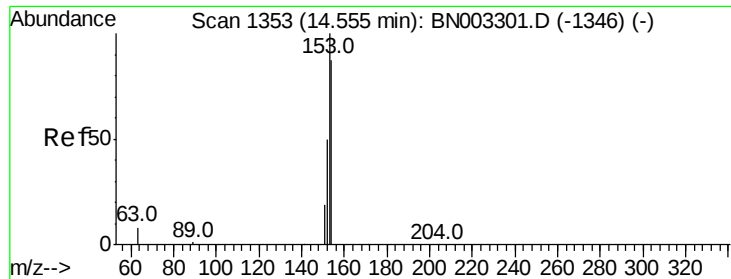
Tot Ion:172 Resp: 43759
Ion Ratio Lower Upper
172 100
171 36.1 27.1 40.7
170 24.2 17.4 26.0



#16
Acenaphthylene
Concen: 0.079 ng
RT: 14.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN003313.D
Acq: 26 Oct 2018 20:03

Tgt Ion:152 Resp: 10192
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.089 ng

RT: 14.56 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

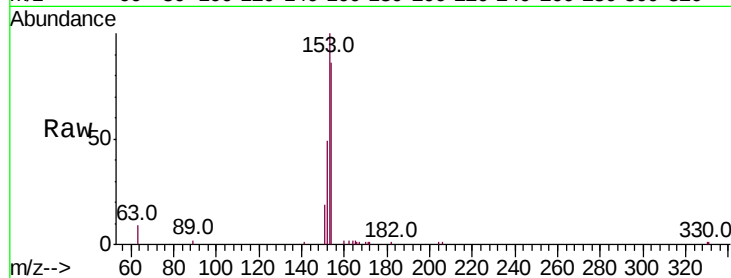
Tot Ion:154 Resp: 7897

Ion Ratio Lower Upper

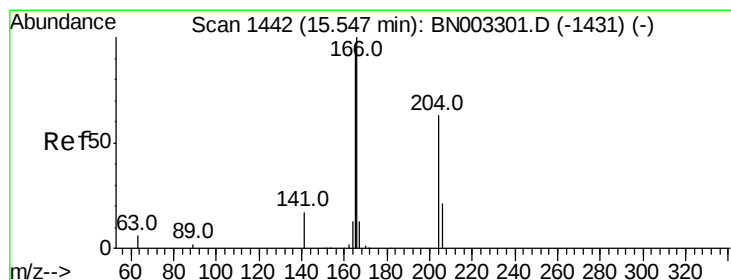
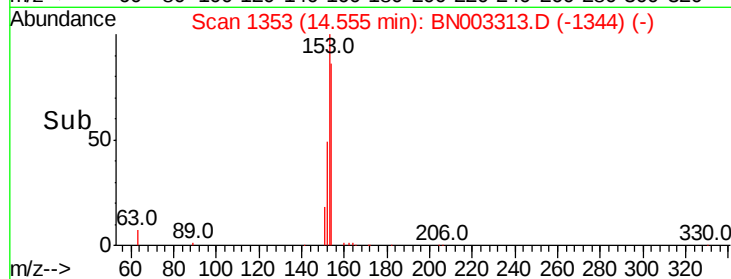
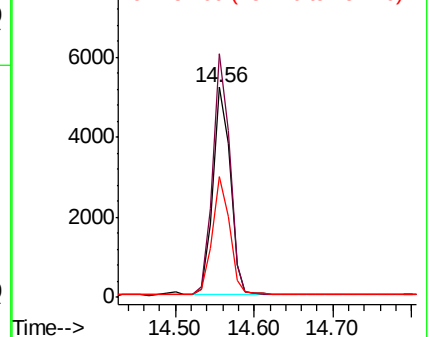
154 100

153 113.5 88.9 133.3

152 56.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.088 ng

RT: 15.55 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

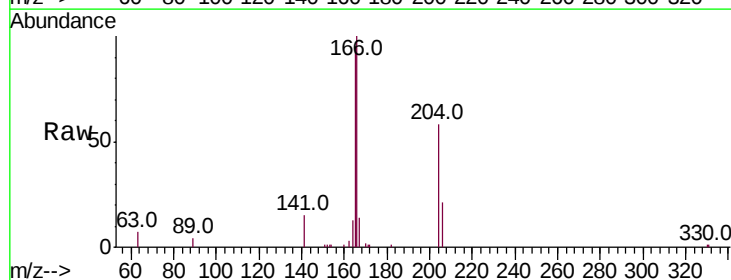
Tgt Ion:166 Resp: 9849

Ion Ratio Lower Upper

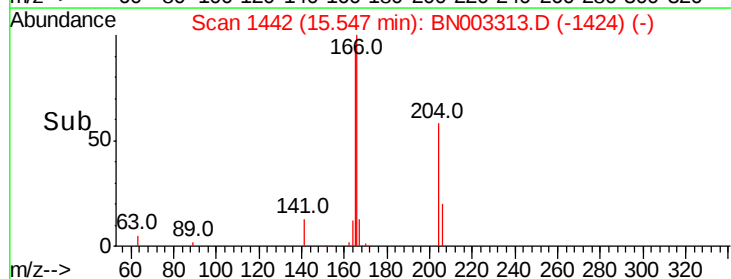
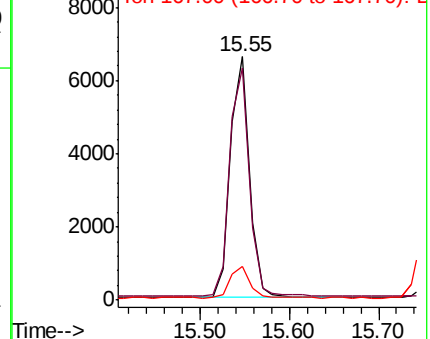
166 100

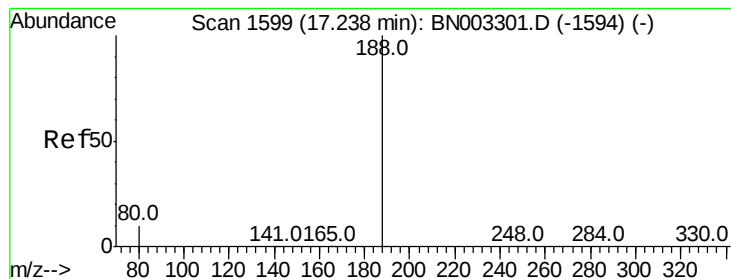
165 97.6 77.8 116.8

167 13.2 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

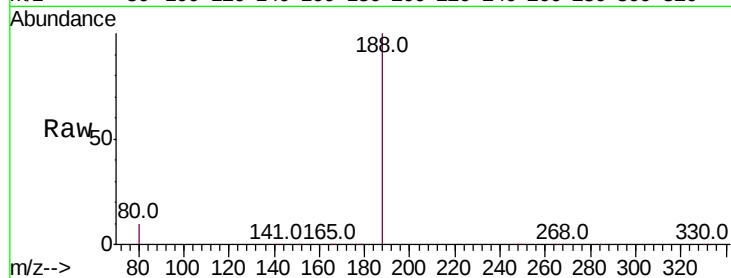
Tot Ion:188 Resp: 72636

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

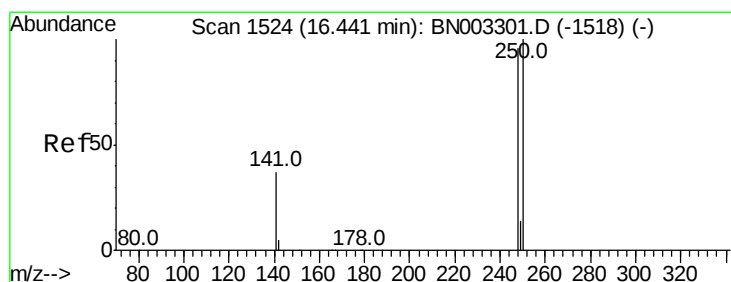
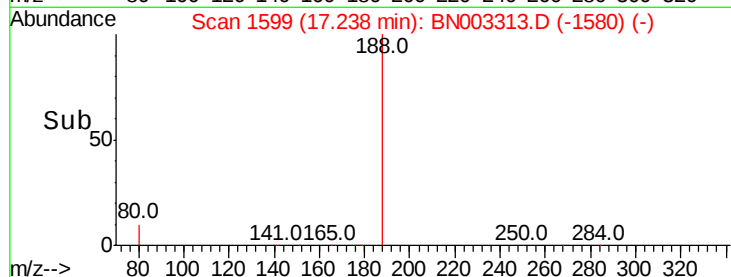
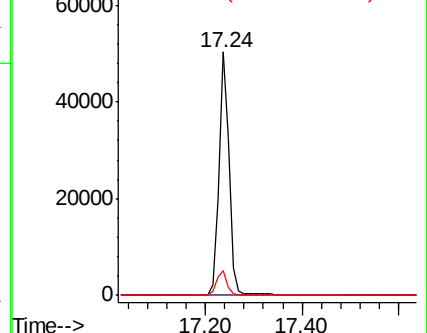
80 10.0 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.086 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

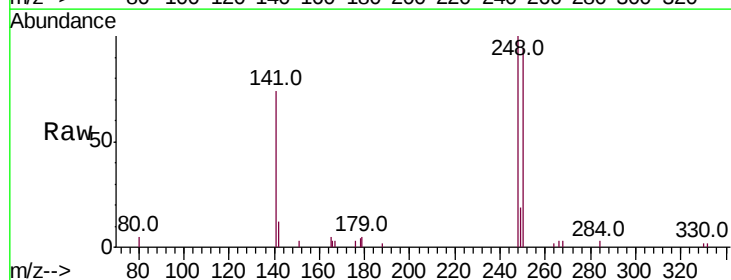
Tgt Ion:248 Resp: 3615

Ion Ratio Lower Upper

248 100

250 94.2 83.7 125.5

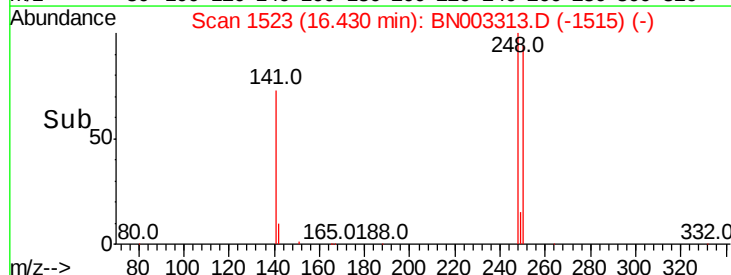
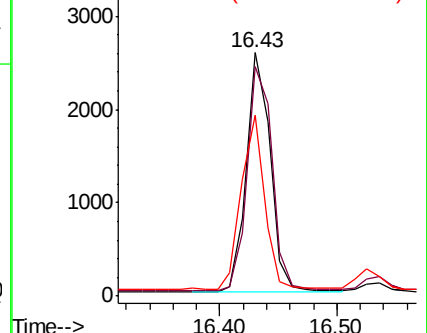
141 74.2 31.4 47.0#

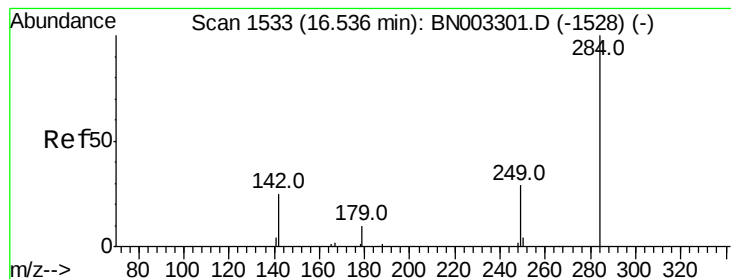


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.093 ng

RT: 16.54 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

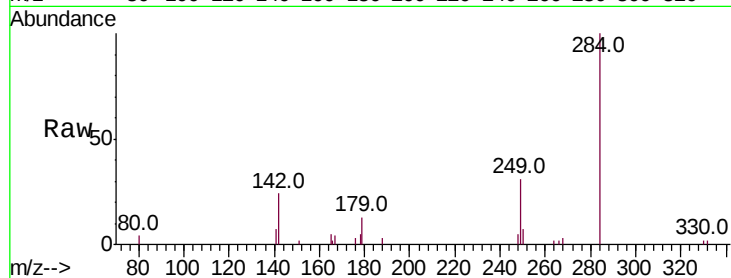
Tot Ion:284 Resp: 4115

Ion Ratio Lower Upper

284 100

142 36.6 29.7 44.5

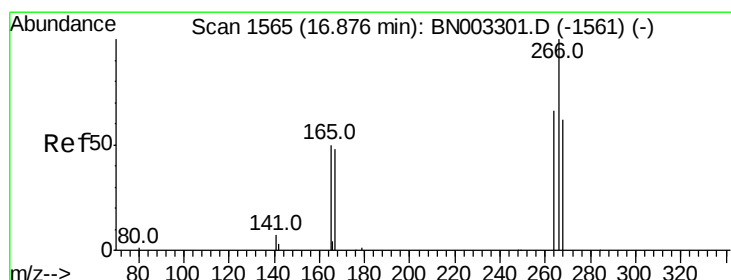
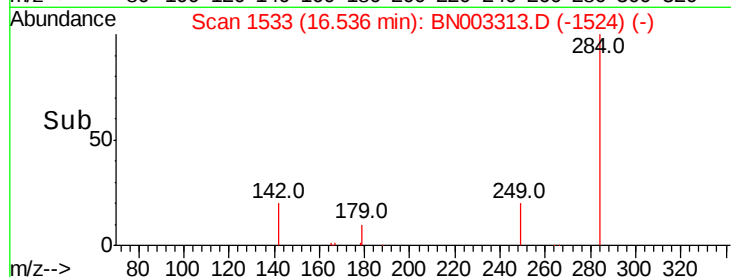
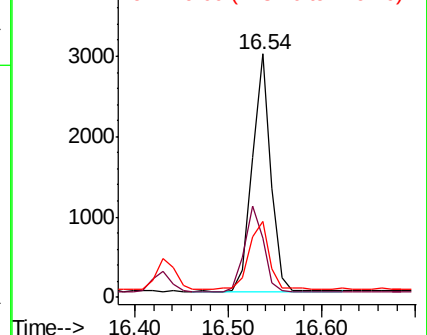
249 30.6 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.072 ng

RT: 16.88 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

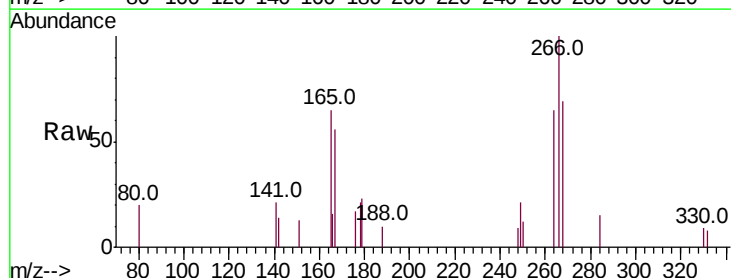
Tgt Ion:266 Resp: 864

Ion Ratio Lower Upper

266 100

264 64.8 52.1 78.1

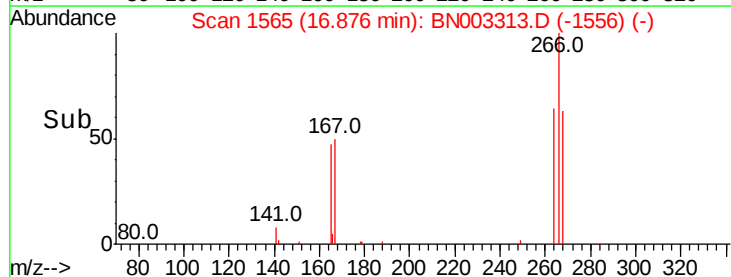
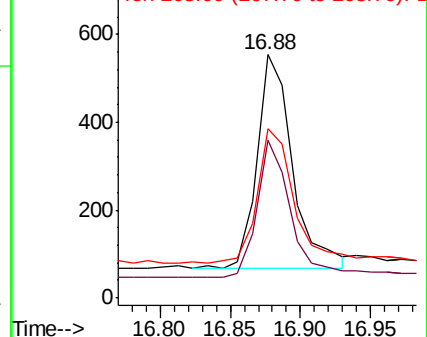
268 69.3 51.8 77.6

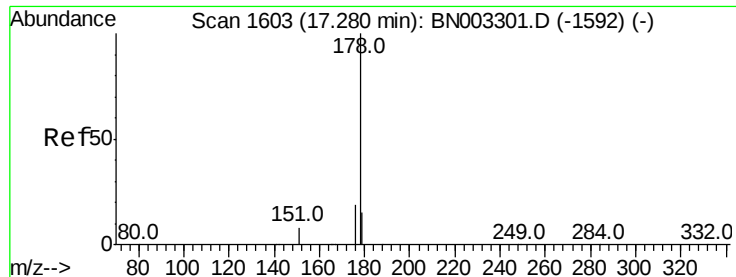


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.089 ng

RT: 17.28 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

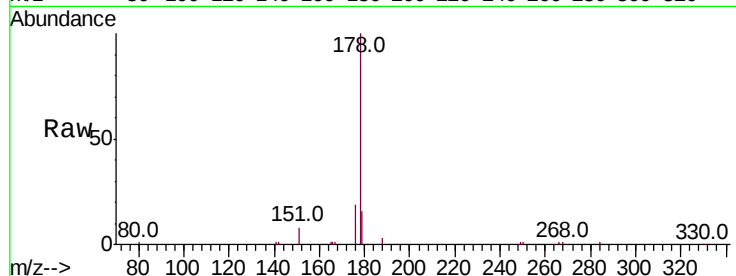
Tot Ion:178 Resp: 17731

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

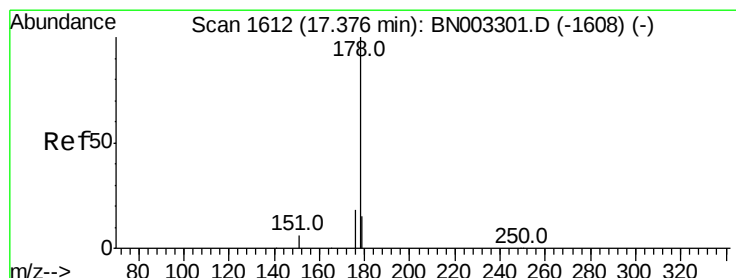
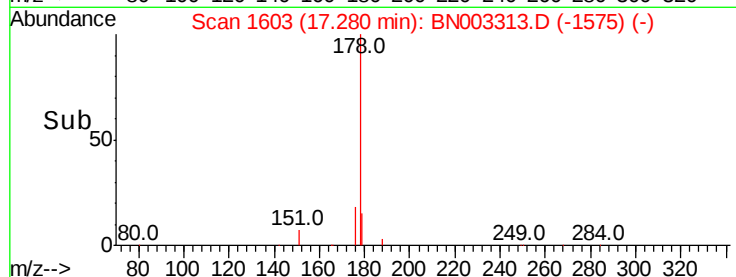
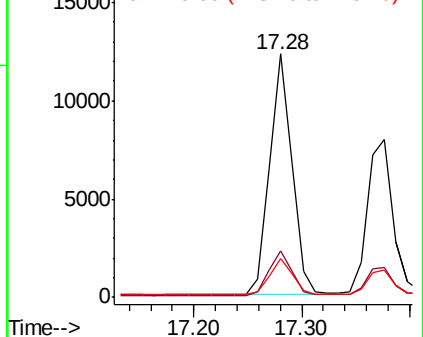
179 15.6 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.078 ng

RT: 17.38 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

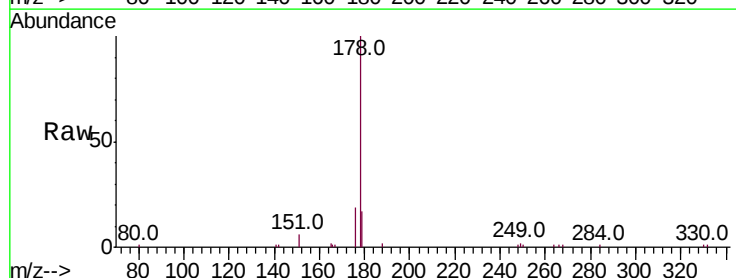
Tgt Ion:178 Resp: 13391

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

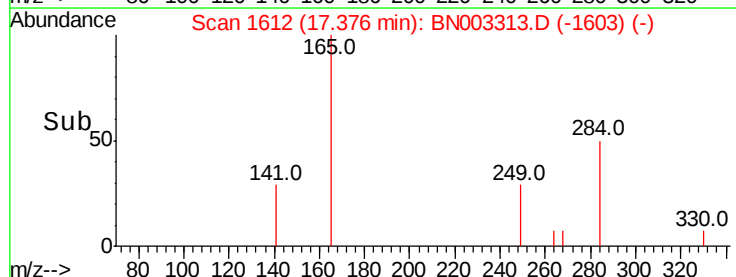
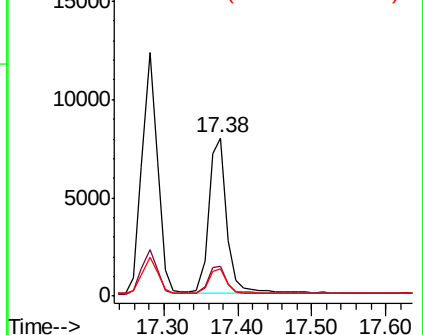
179 15.3 12.2 18.4

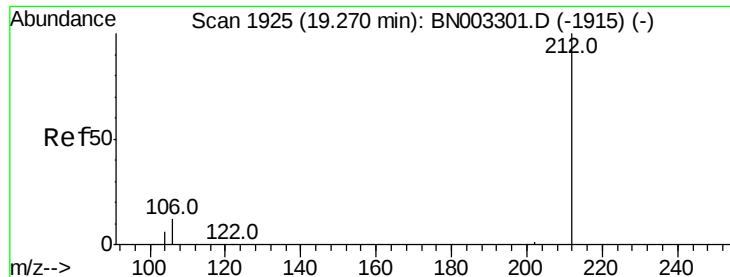


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.291 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

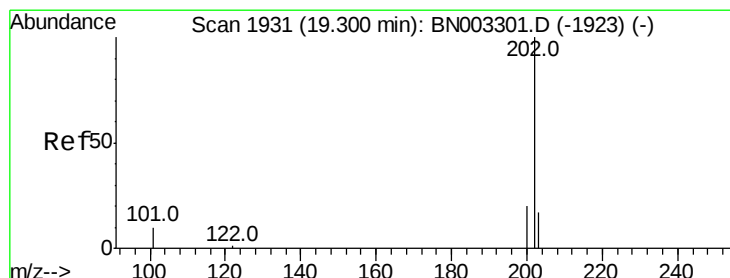
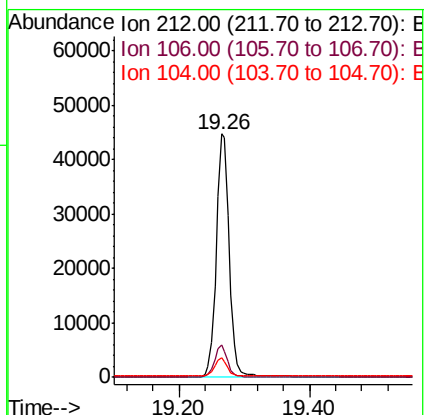
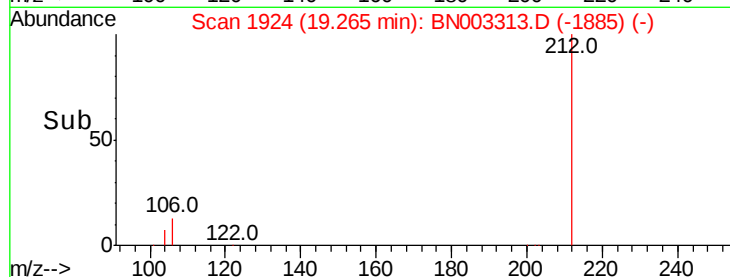
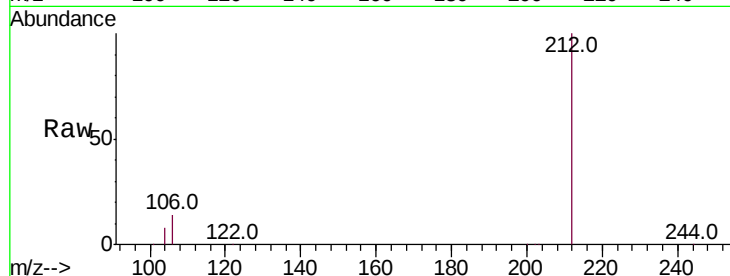
Tot Ion:212 Resp: 61535

Ion Ratio Lower Upper

212 100

106 12.8 10.3 15.5

104 7.1 5.6 8.4



#26

Fluoranthene

Concen: 0.087 ng

RT: 19.29 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

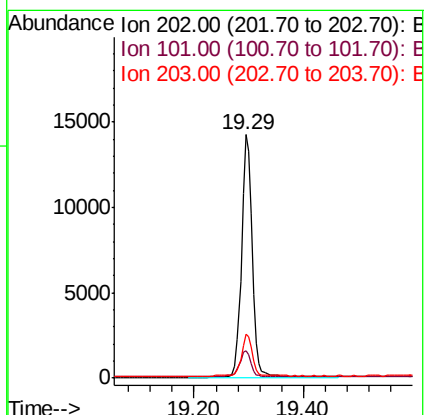
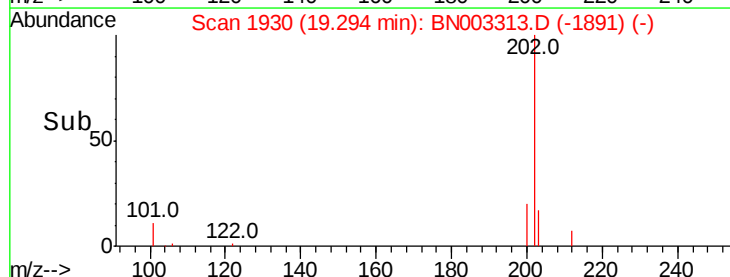
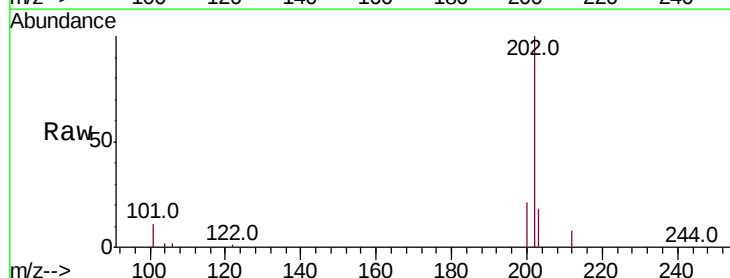
Tgt Ion:202 Resp: 19848

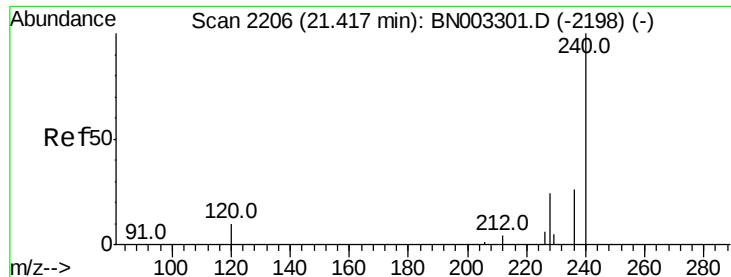
Ion Ratio Lower Upper

202 100

101 11.6 9.0 13.4

203 17.9 13.8 20.6

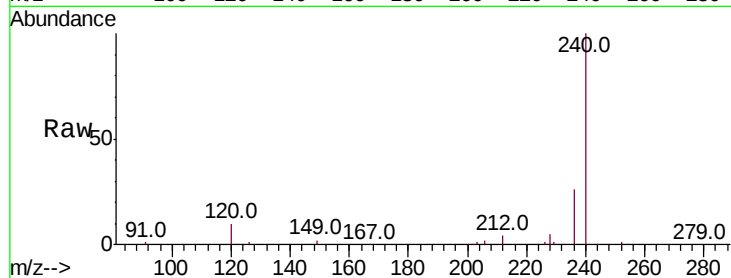




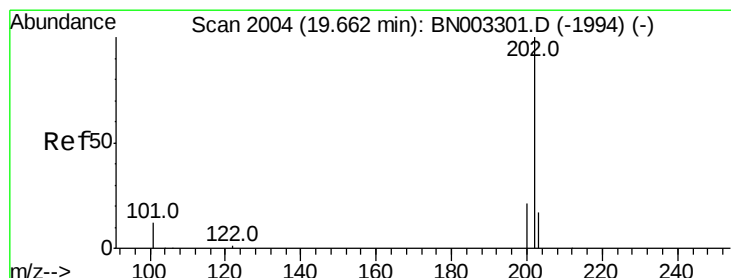
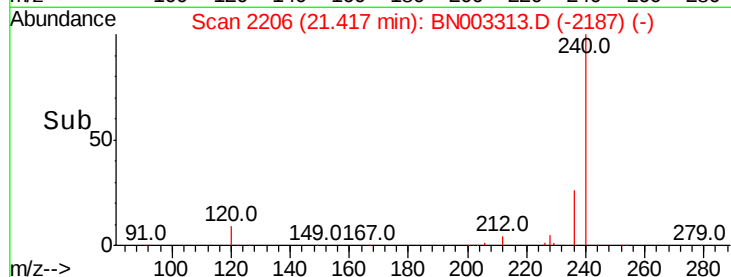
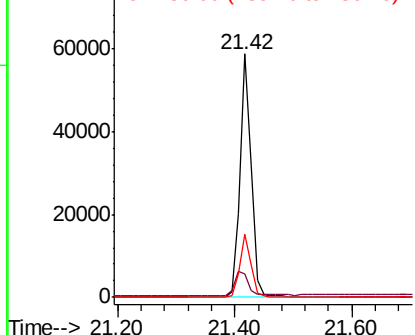
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BN003313.D
Acq: 26 Oct 2018 20:03

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

Tot Ion:240 Resp: 75982
Ion Ratio Lower Upper
240 100
120 9.9 9.3 13.9
236 26.0 21.0 31.4

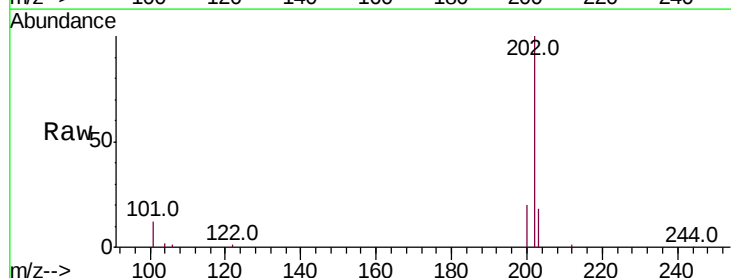


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

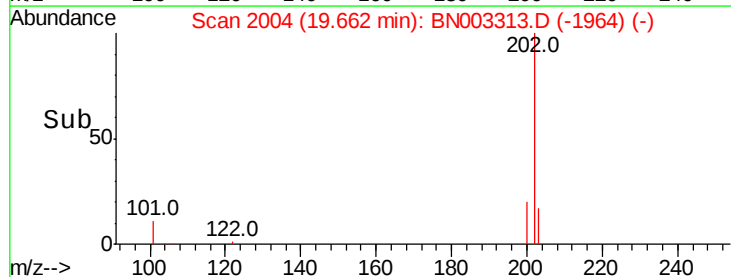
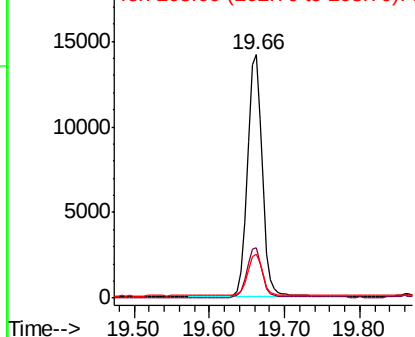


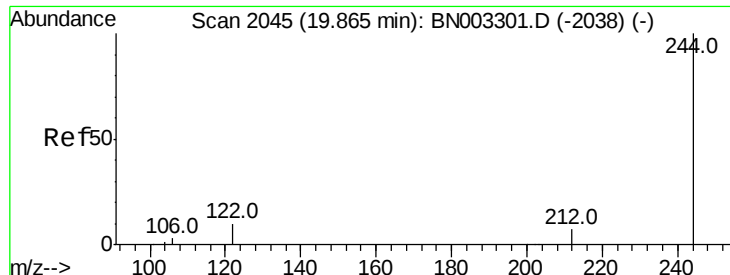
#28
Pyrene
Concen: 0.092 ng
RT: 19.66 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BN003313.D
Acq: 26 Oct 2018 20:03

Tgt Ion:202 Resp: 19356
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 17.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.330 ng

RT: 19.87 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

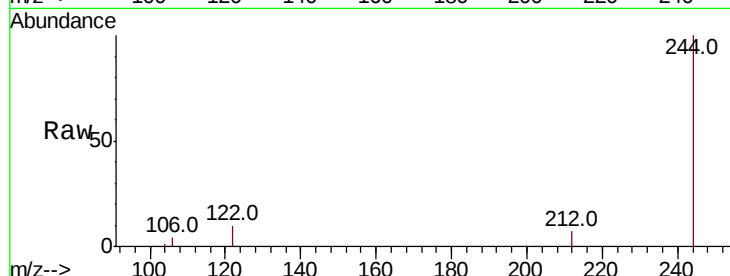
Tot Ion:244 Resp: 58298

Ion Ratio Lower Upper

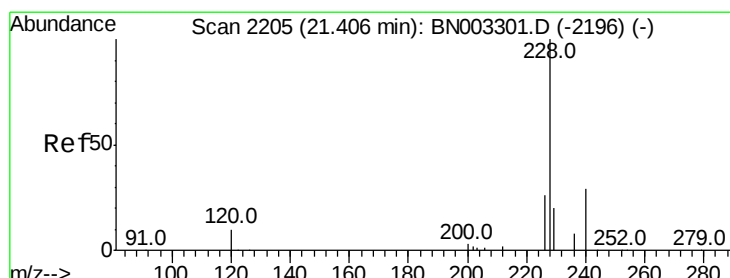
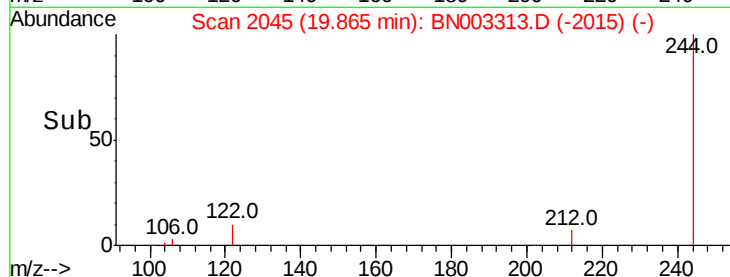
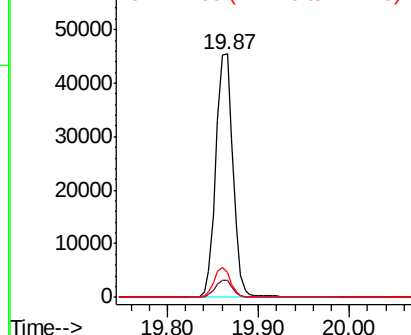
244 100

212 7.0 5.6 8.4

122 10.2 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.080 ng

RT: 21.41 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

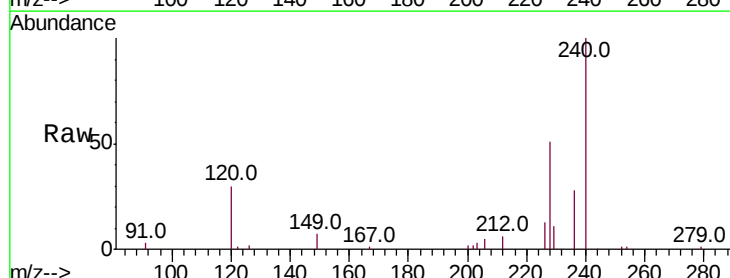
Tgt Ion:228 Resp: 15911

Ion Ratio Lower Upper

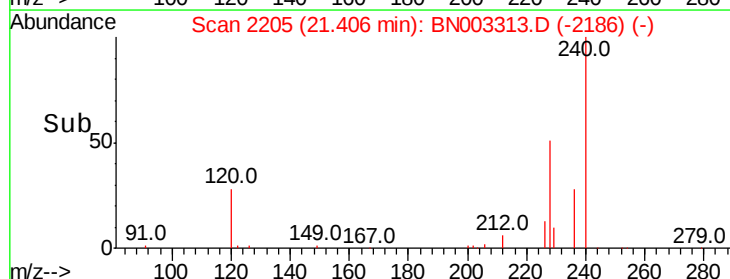
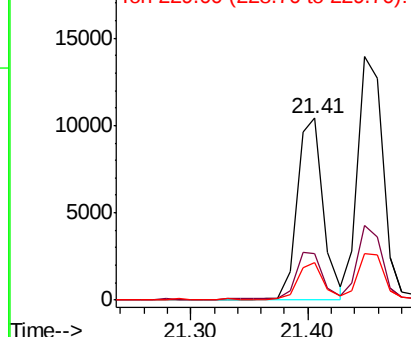
228 100

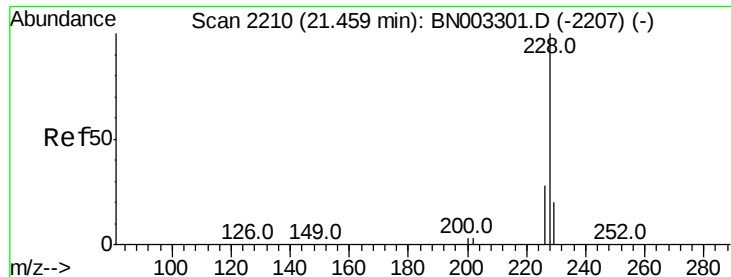
226 25.9 20.8 31.2

229 20.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.096 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

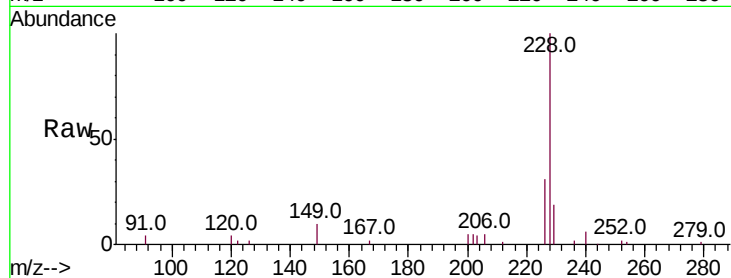
BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:228 Resp: 20558

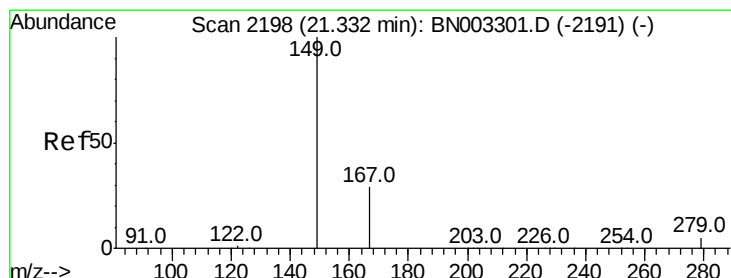
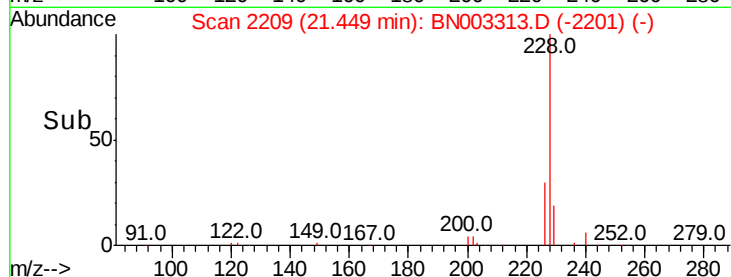
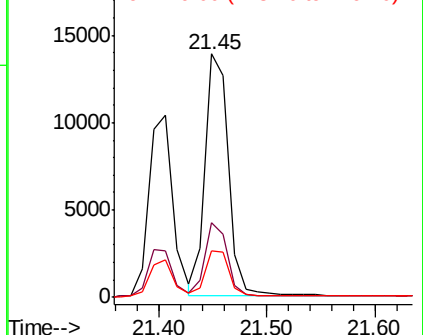
Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.7	34.1
229	19.1	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.080 ng

RT: 21.32 min Scan# 2197

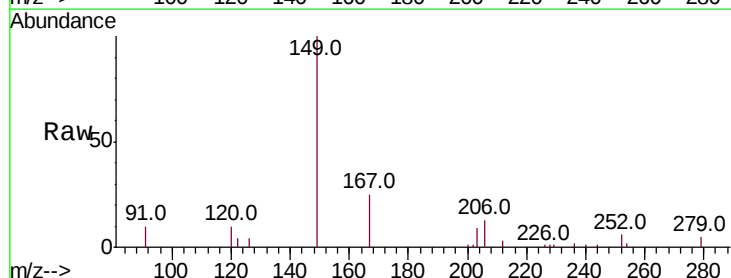
Delta R.T. -0.01 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Tgt Ion:149 Resp: 4722

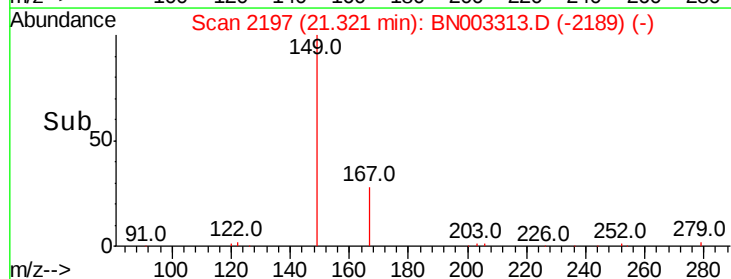
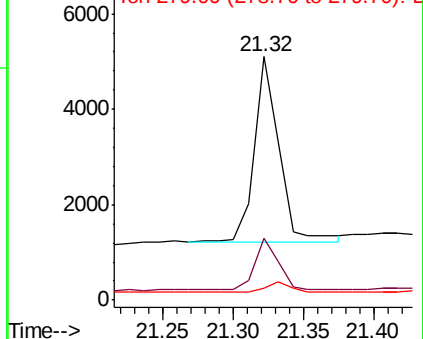
Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.4	33.6
279	6.0	3.9	5.9#

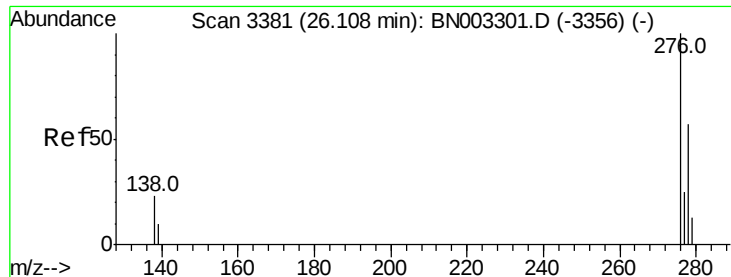


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.083 ng

RT: 26.10 min Scan# 3379

Delta R.T. -0.01 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

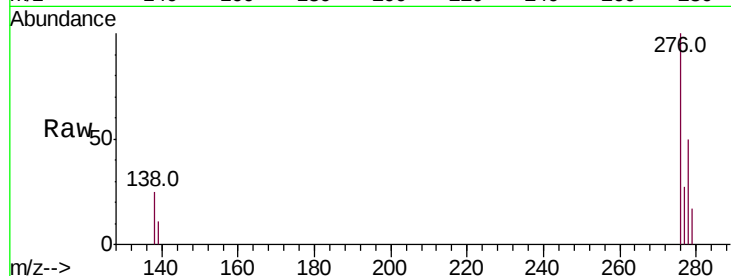
Tot Ion:276 Resp: 18519

Ion Ratio Lower Upper

276 100

138 22.7 20.6 30.8

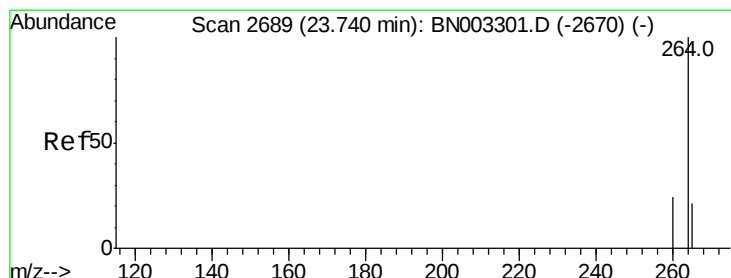
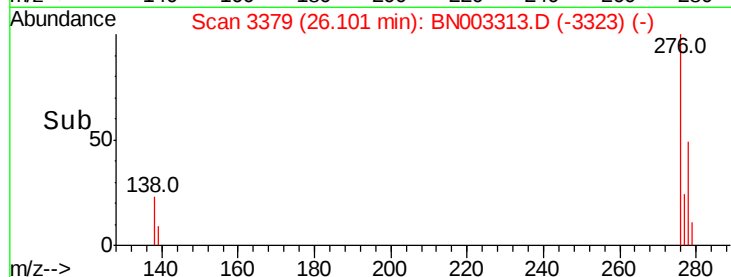
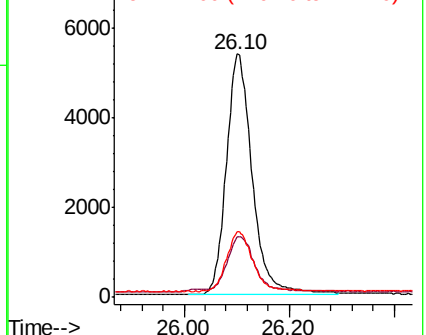
277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2689

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

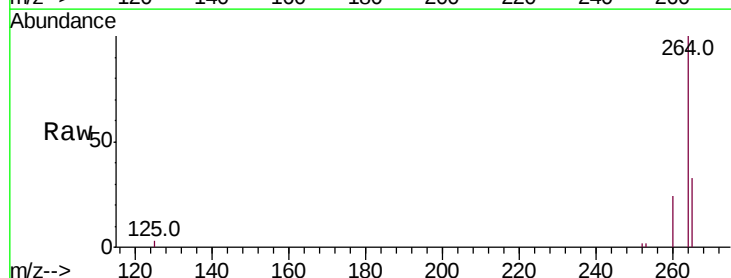
Tgt Ion:264 Resp: 68719

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

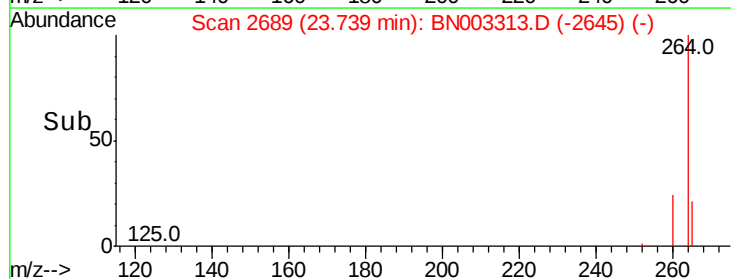
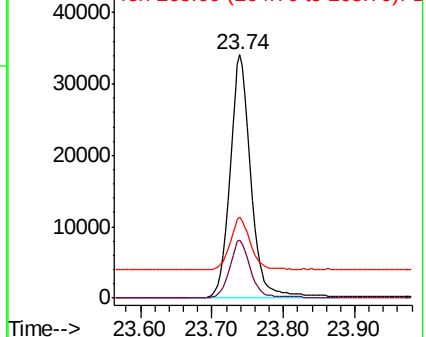
265 33.0 26.4 39.6

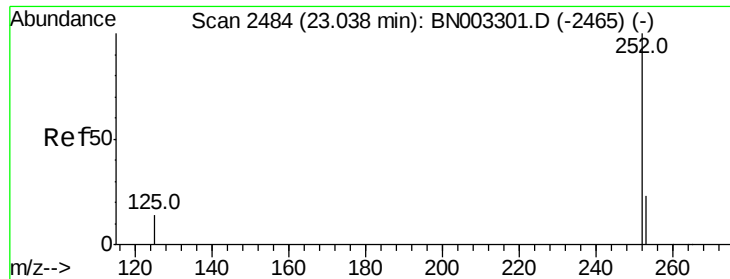


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

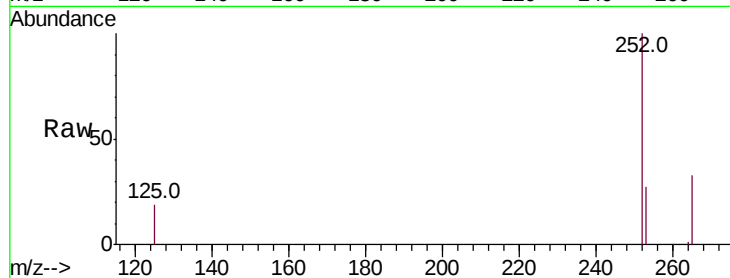




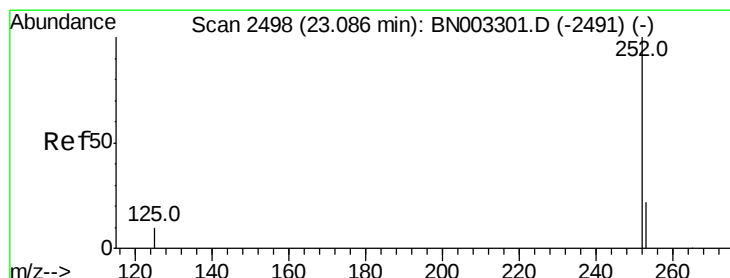
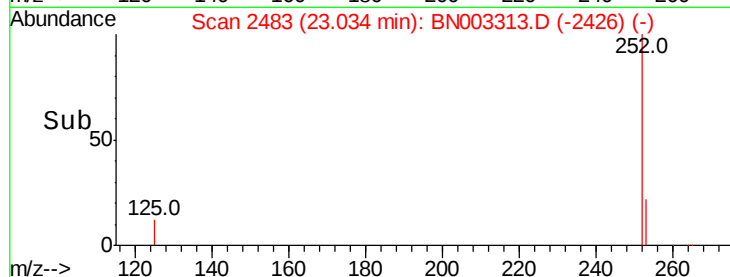
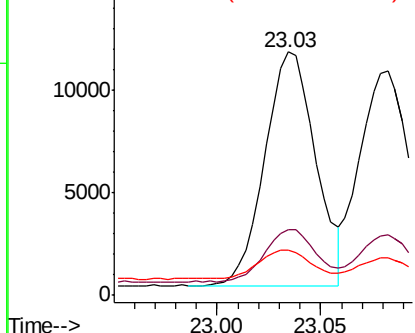
#35
Benzo(b)fluoranthene
Concen: 0.090 ng
RT: 23.03 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BN003313.D
Acq: 26 Oct 2018 20:03

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

Tot Ion:252 Resp: 19349
Ion Ratio Lower Upper
252 100
253 27.0 19.3 28.9
125 18.5 12.7 19.1

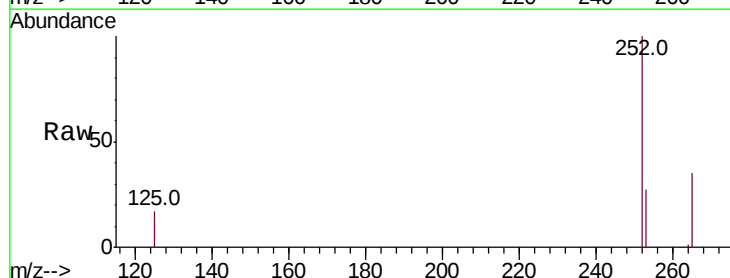


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

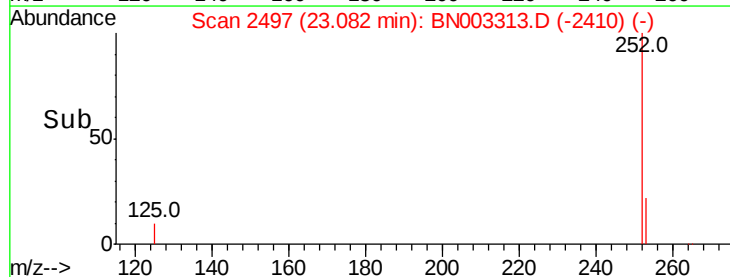
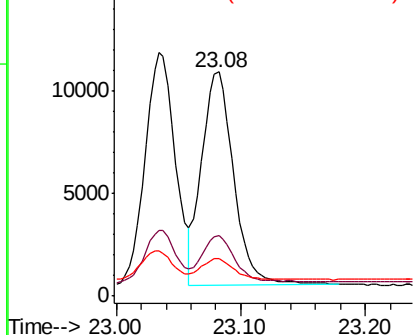


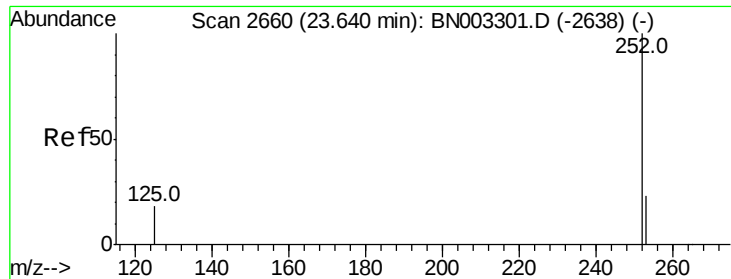
#36
Benzo(k)fluoranthene
Concen: 0.088 ng
RT: 23.08 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN003313.D
Acq: 26 Oct 2018 20:03

Tgt Ion:252 Resp: 18640
Ion Ratio Lower Upper
252 100
253 27.3 18.5 27.7
125 16.9 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.083 ng

RT: 23.64 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

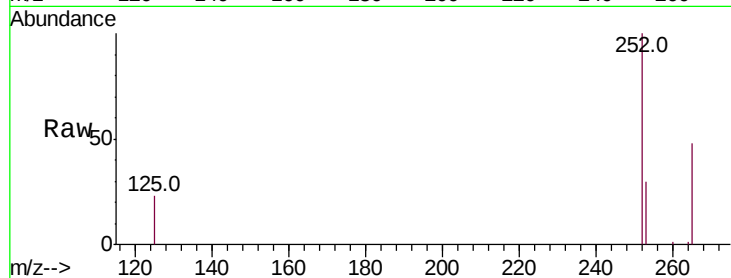
Tot Ion:252 Resp: 16275

Ion Ratio Lower Upper

252 100

253 29.7 20.1 30.1

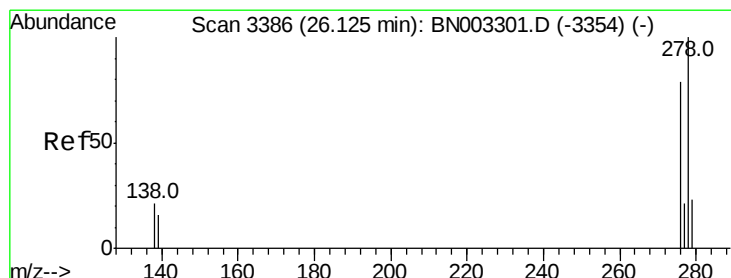
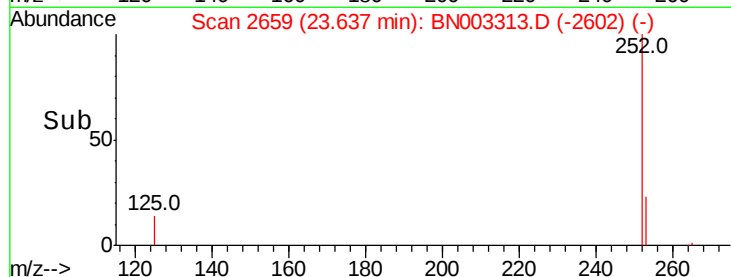
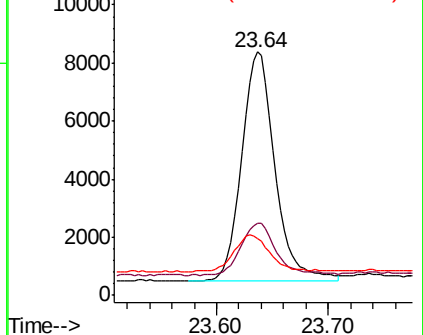
125 23.4 16.0 24.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.081 ng

RT: 26.12 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

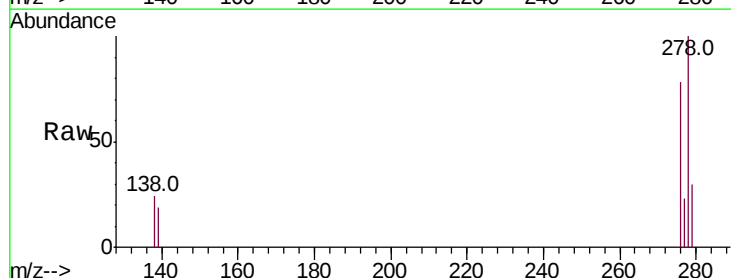
Tgt Ion:278 Resp: 14782

Ion Ratio Lower Upper

278 100

139 18.8 13.5 20.3

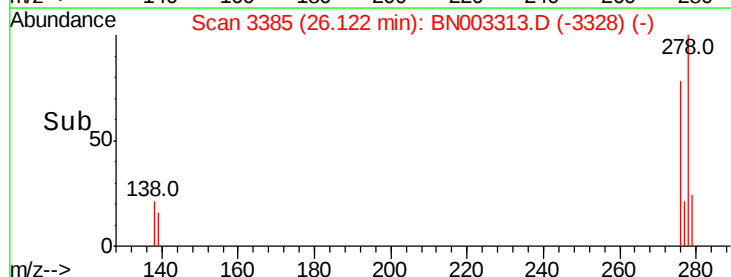
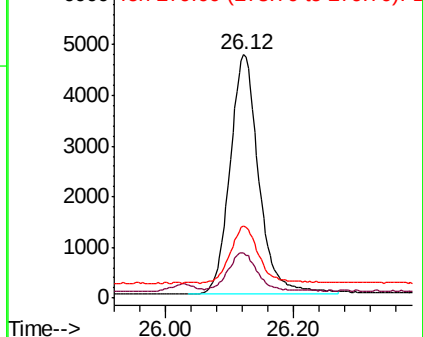
279 29.6 19.8 29.6

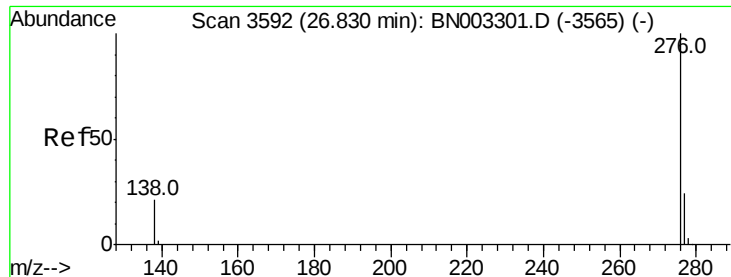


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.088 ng

RT: 26.83 min Scan# 3591

Delta R.T. -0.00 min

Lab File: BN003313.D

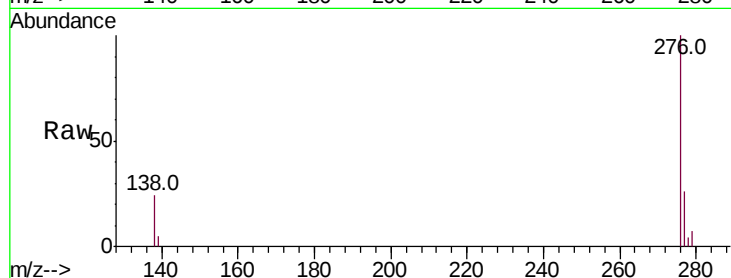
Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018



Tot Ion:276 Resp: 16015

Ion Ratio Lower Upper

276 100

277 26.2 19.5 29.3

138 23.5 17.4 26.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

