

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 27 00:43:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 26 15:17:57 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

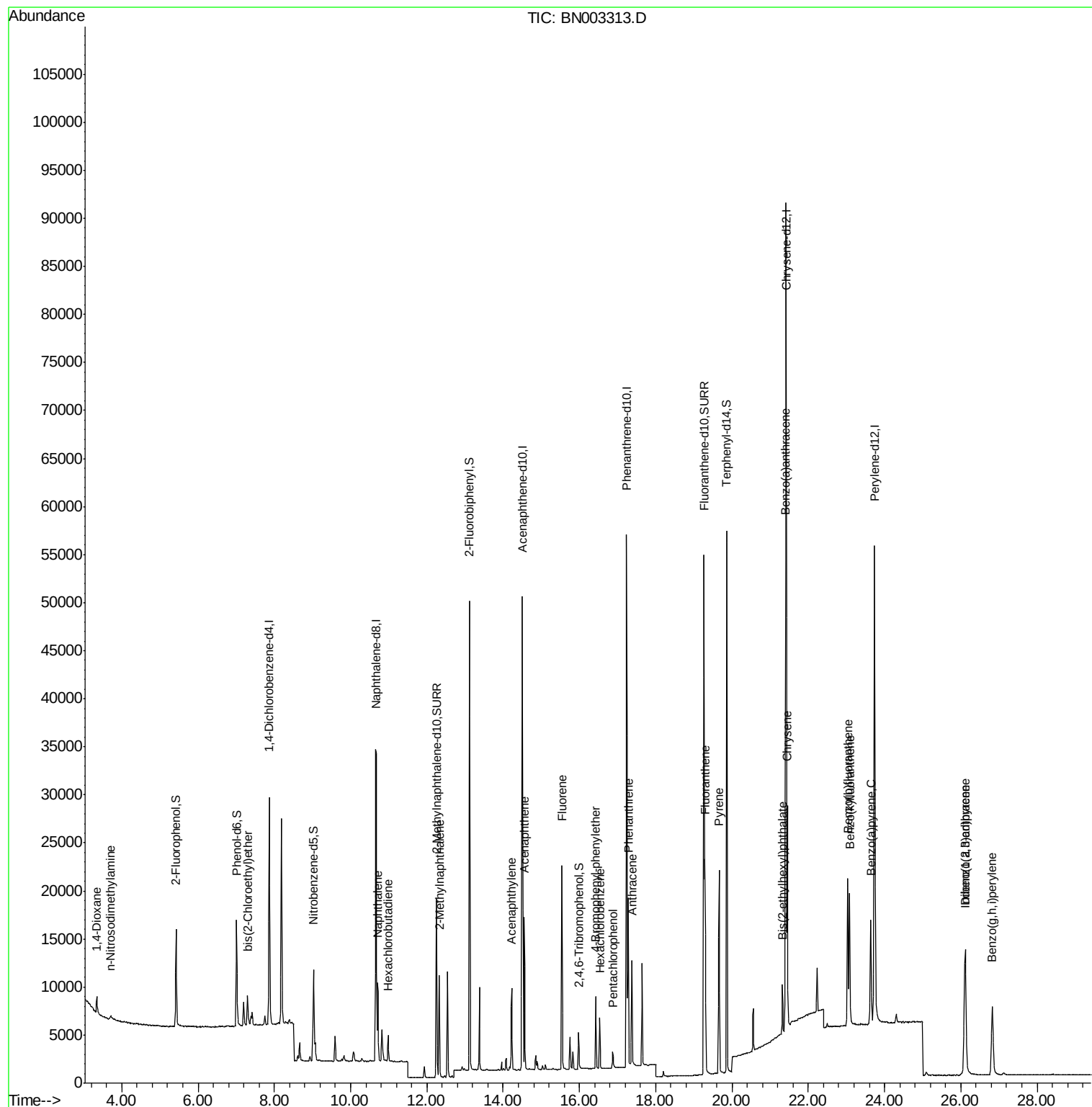
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	1452	0.093	ng	97
3) n-Nitrosodimethylamine	3.71	42	466	0.065	ng	# 98
6) bis(2-Chloroethyl)ether	7.30	93	2874	0.085	ng	94
9) Naphthalene	10.71	128	11481	0.094	ng	97
10) Hexachlorobutadiene	10.99	225	2124	0.096	ng	# 98
12) 2-Methylnaphthalene	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	0.091	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

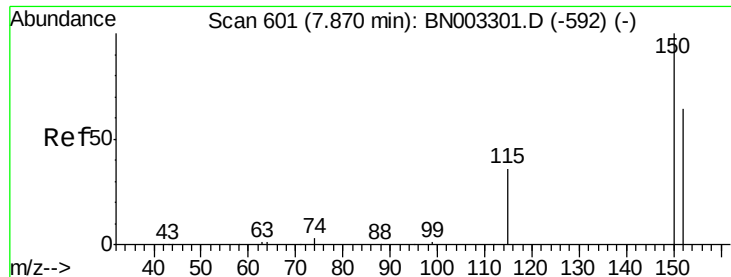
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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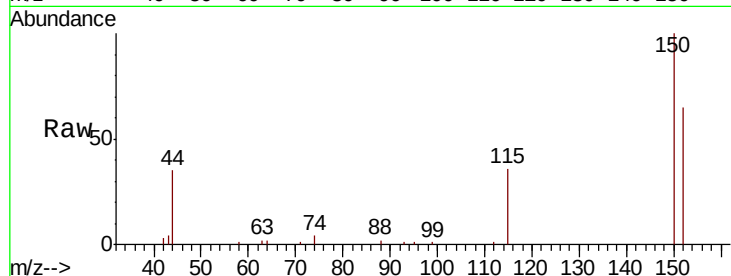


#1

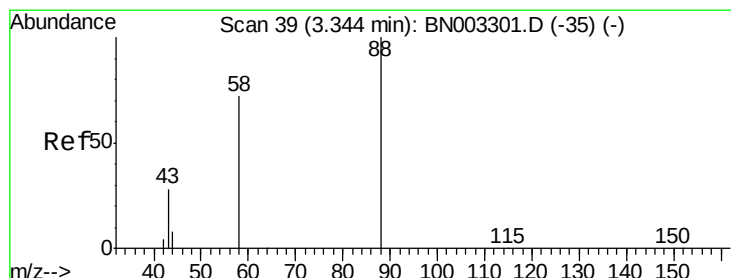
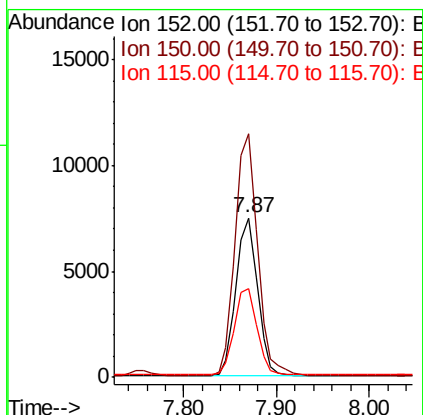
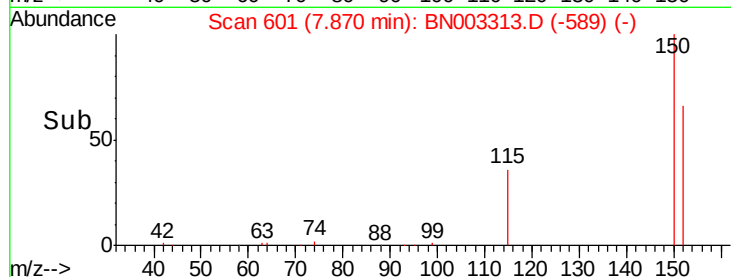
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. -0.00 min
Lab File: BN003313.D
Acq: 26 Oct 2018 20:03

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

Tgt Ion: 152 Resp: 12059
Ion Ratio Lower Upper
152 100
150 152.9 124.6 187.0
115 55.8 46.4 69.6



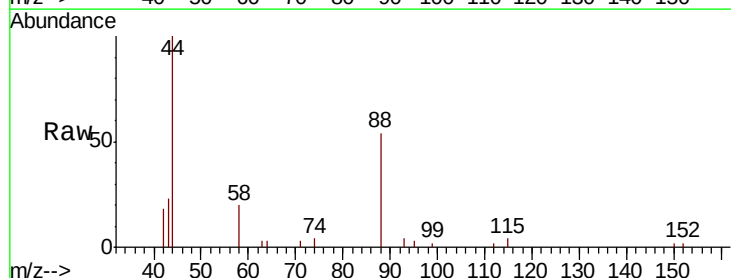
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



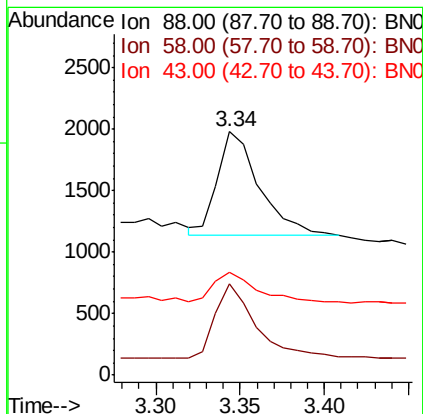
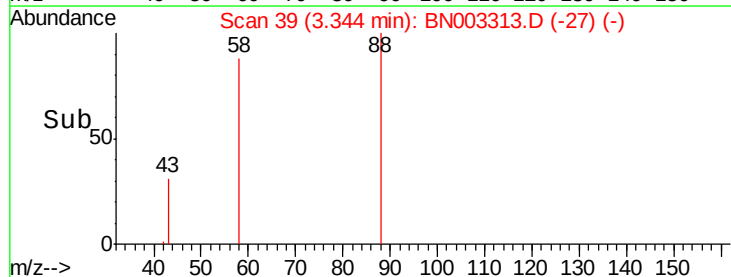
#2

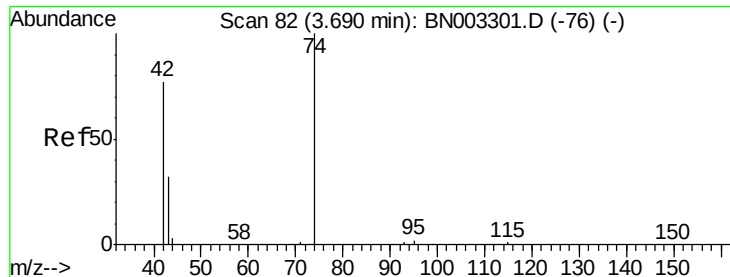
1,4-Dioxane
Concen: 0.093 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN003313.D
Acq: 26 Oct 2018 20:03

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



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#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

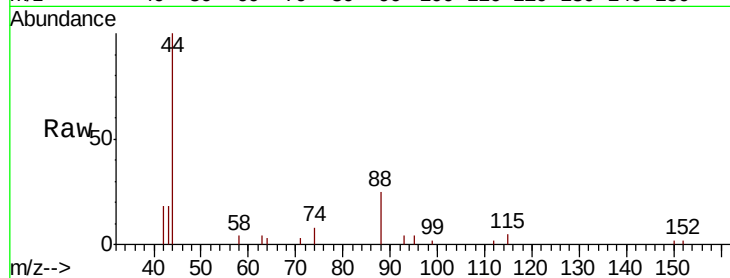
Tgt Ion: 42 Resp: 466

Ion Ratio Lower Upper

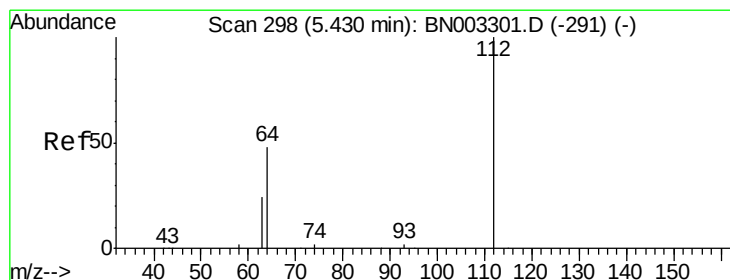
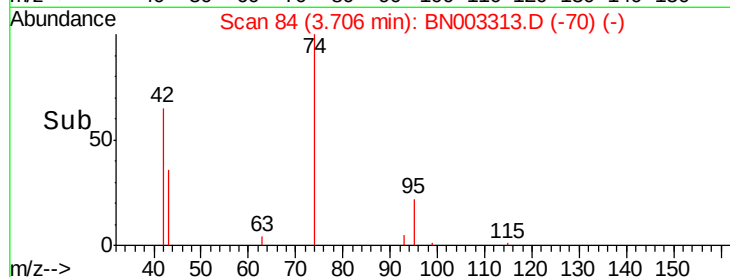
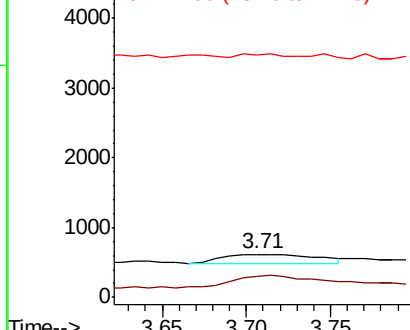
42 100

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

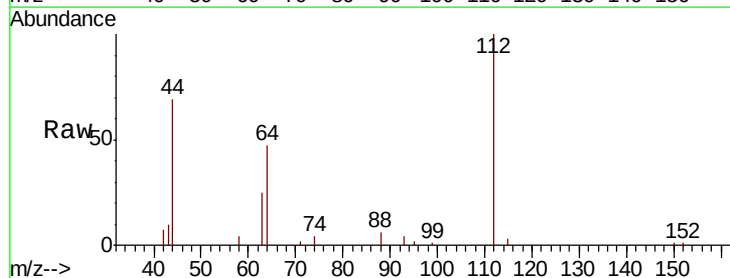
Tgt Ion: 112 Resp: 9154

Ion Ratio Lower Upper

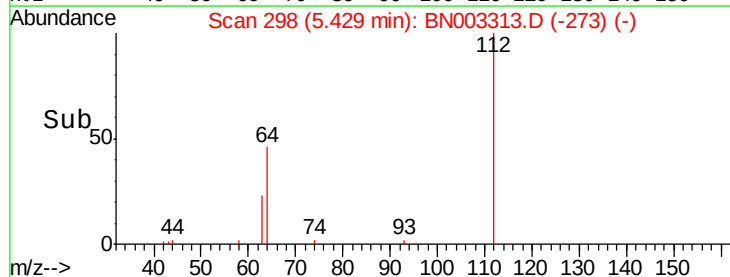
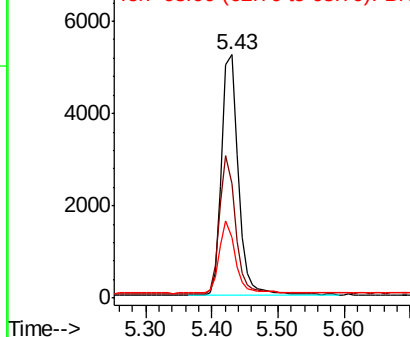
112 100

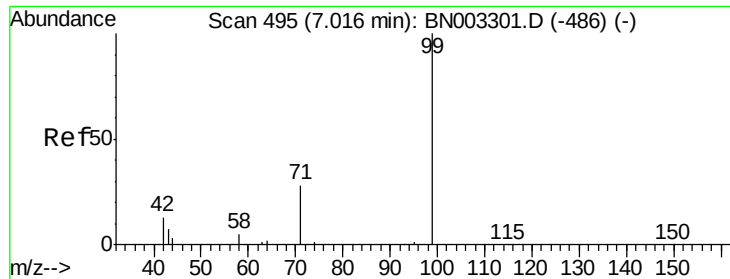
64 54.2 44.3 66.5

63 27.9 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BNC
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

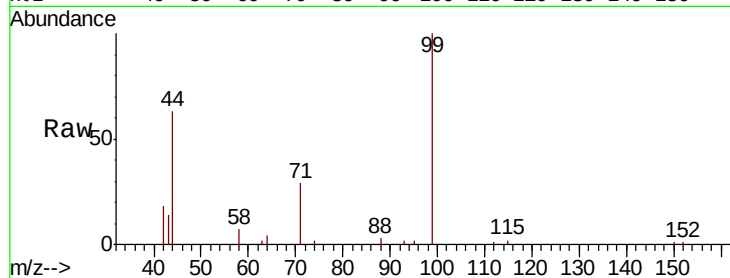
Tgt Ion: 99 Resp: 11405

Ion Ratio Lower Upper

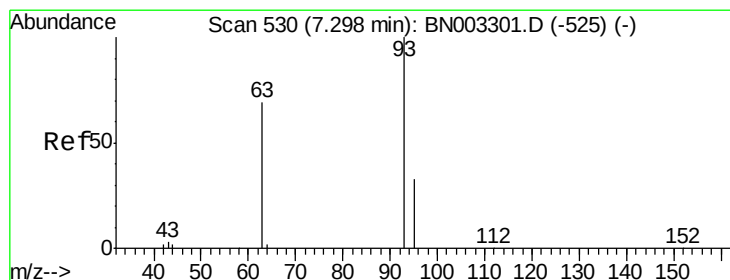
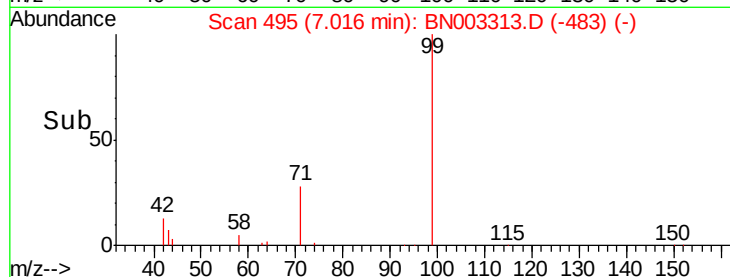
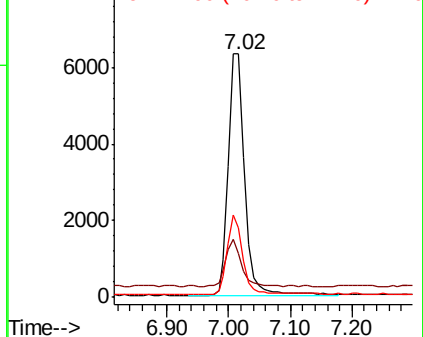
99 100

42 18.2 14.8 22.2

71 31.2 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#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

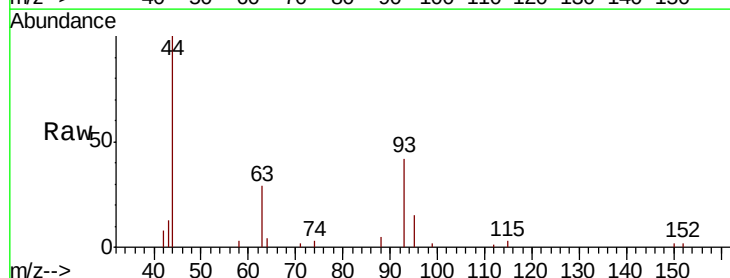
Tgt Ion: 93 Resp: 2874

Ion Ratio Lower Upper

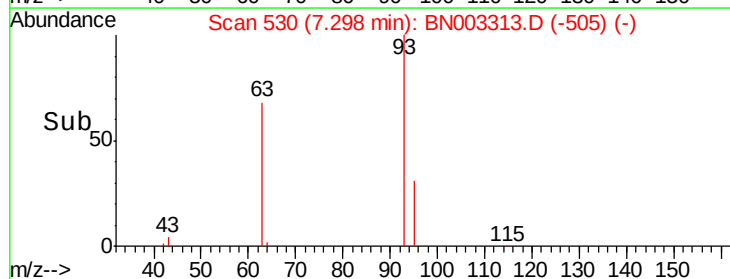
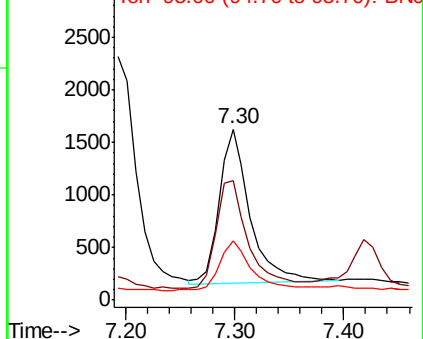
93 100

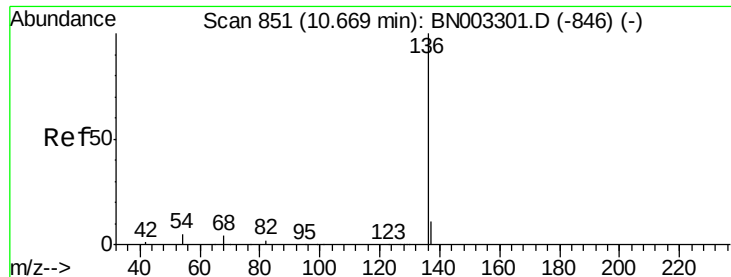
63 74.5 55.8 83.6

95 34.9 25.4 38.2



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#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

Tgt Ion:136 Resp: 49741

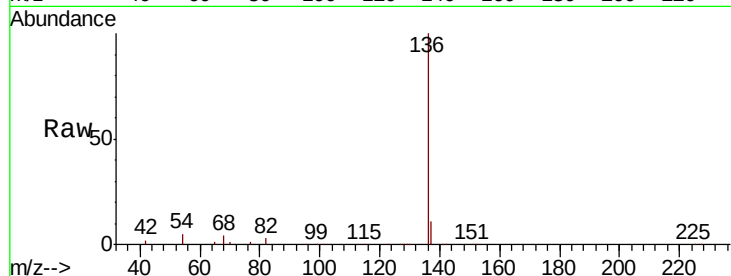
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 4.8 4.1 6.1

68 4.1 3.5 5.3

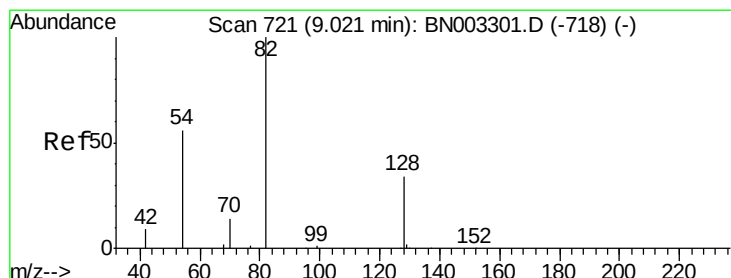
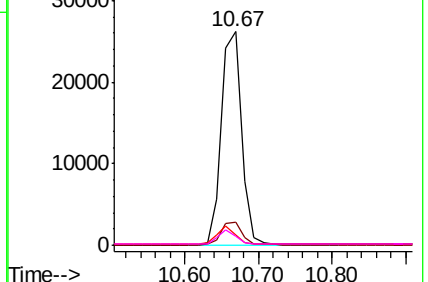
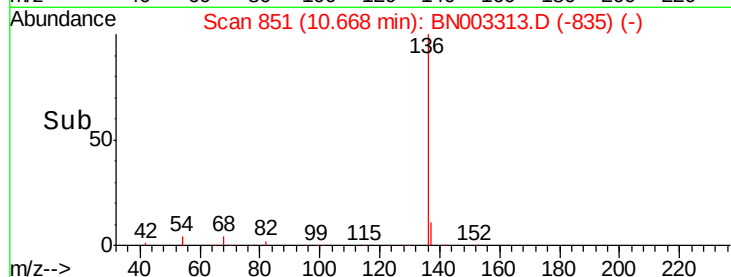


Abundance Ion 136.00 (135.70 to 136.70): E

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

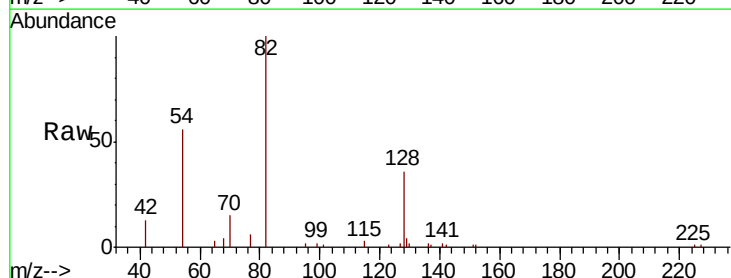
Tgt Ion: 82 Resp: 8144

Ion Ratio Lower Upper

82 100

128 36.5 28.9 43.3

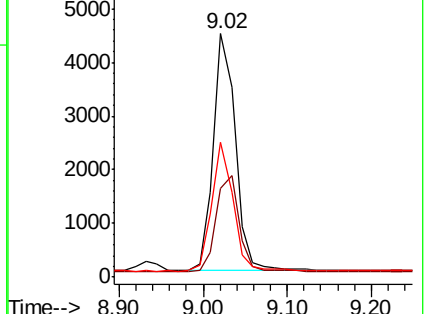
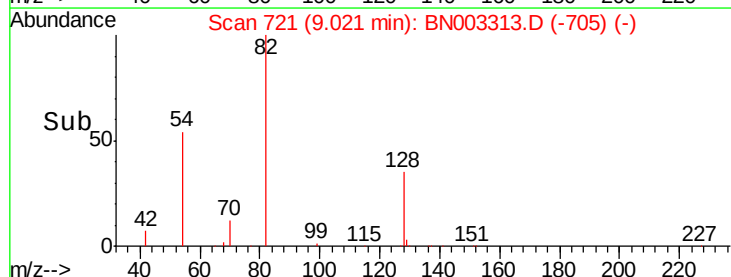
54 55.6 46.1 69.1

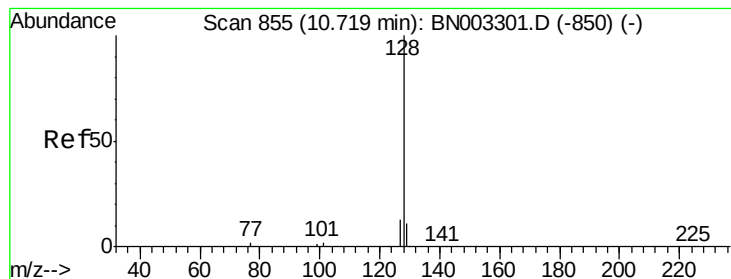


Abundance Ion 82.00 (81.70 to 82.70): BNC

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

Instrument :

BNA_N

ClientSampleId :

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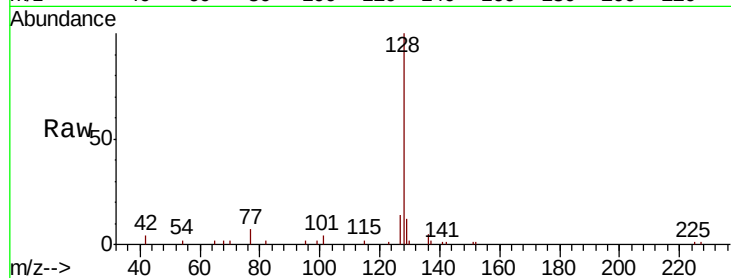
Tgt Ion:128 Resp: 11481

Ion Ratio Lower Upper

128 100

129 12.2 9.1 13.7

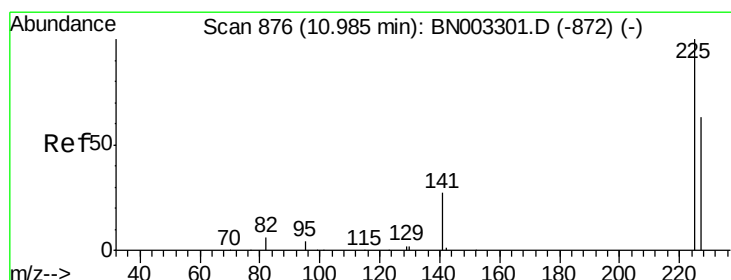
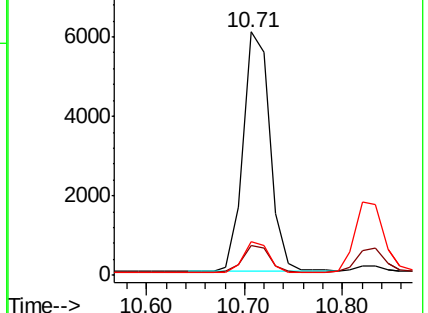
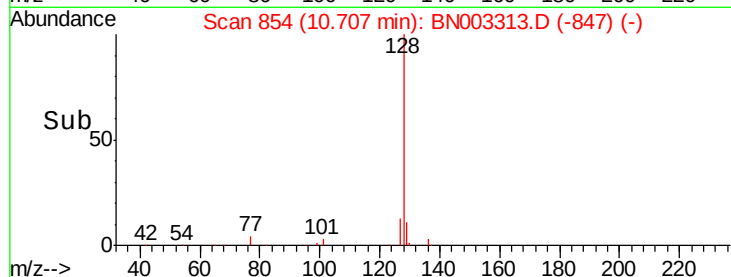
127 14.0 10.2 15.4



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

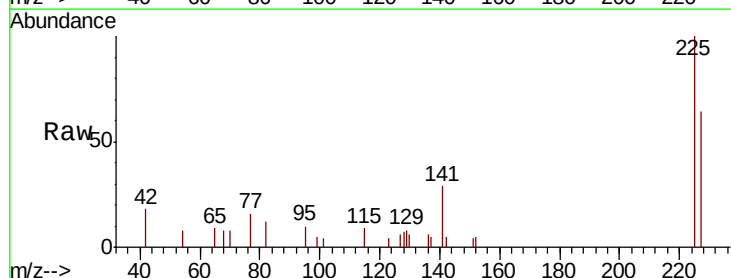
Tgt Ion:225 Resp: 2124

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

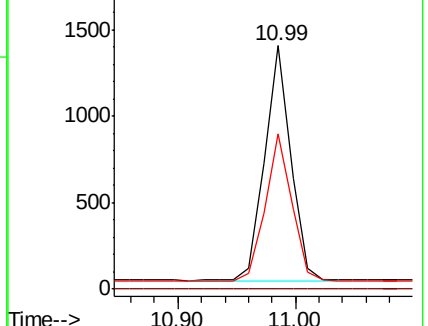
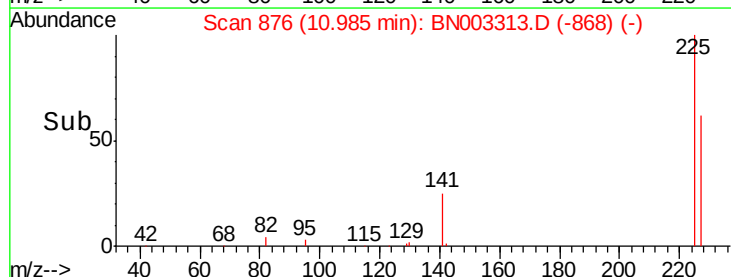
227 62.9 51.3 76.9

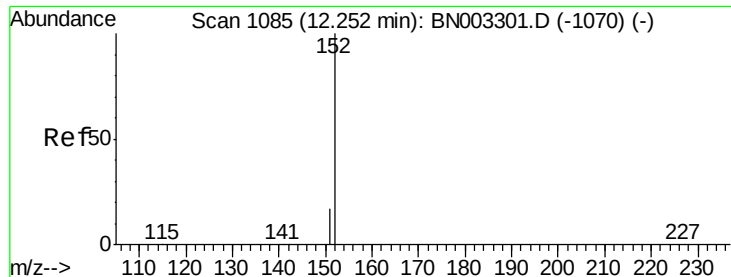


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

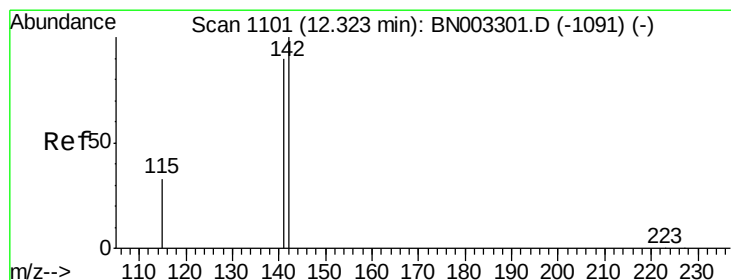
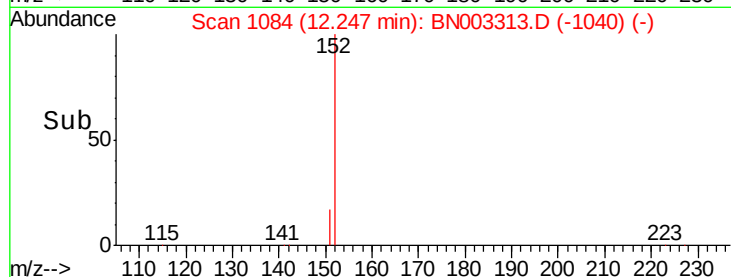
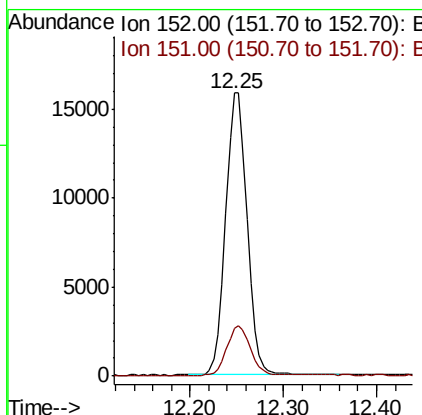
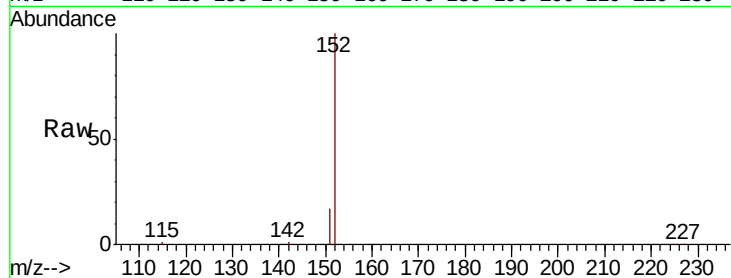




#11
 2-Methylnaphthalene-d10
 Concen: 0.312 ng
 RT: 12.25 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BN003313.D
 Acq: 26 Oct 2018 20:03

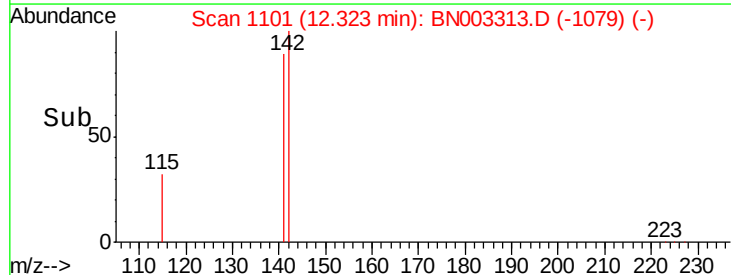
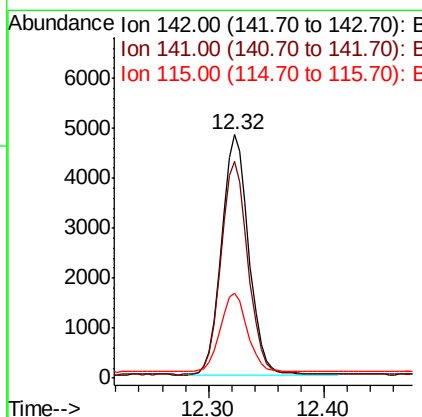
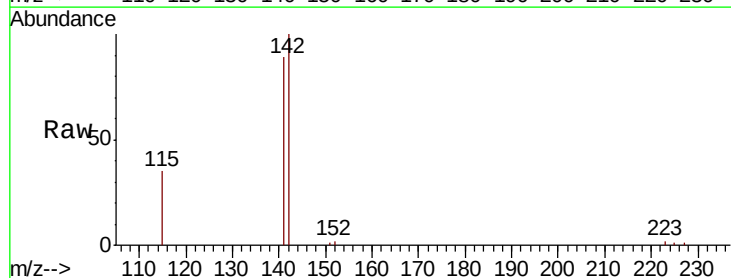
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

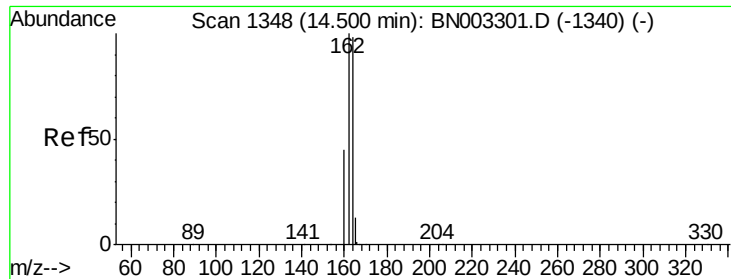
Tgt Ion:152 Resp: 25303
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.1 22.7



#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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 1348

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

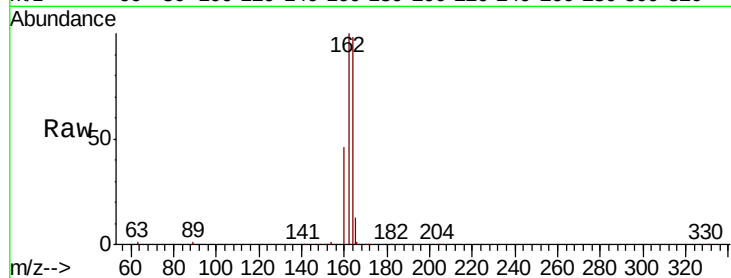
Tgt Ion:164 Resp: 28830

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

160 46.9 37.2 55.8

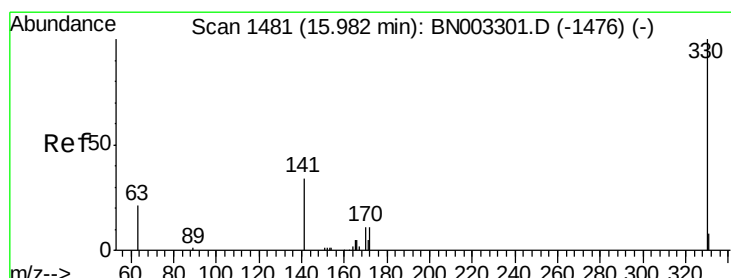
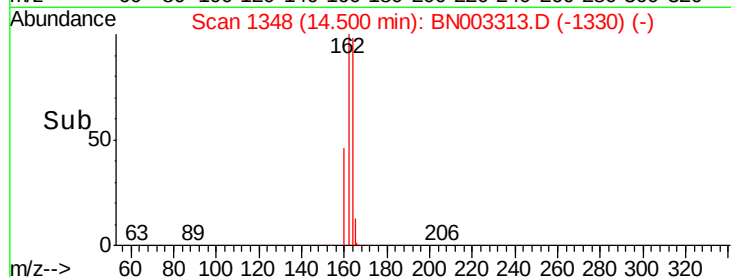
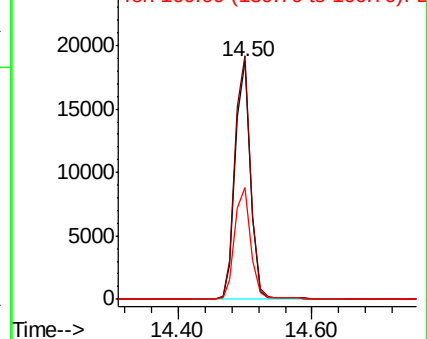


Abundance

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

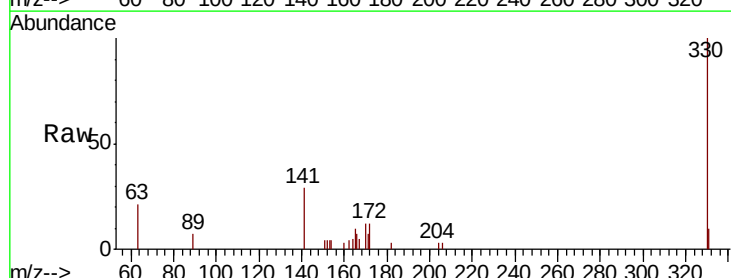
Tgt Ion:330 Resp: 3038

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.9 28.3 42.5

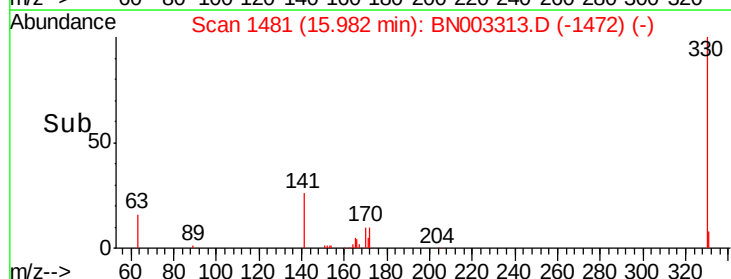
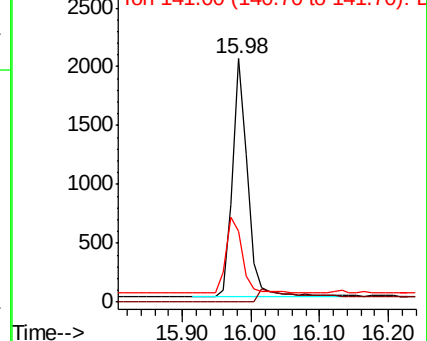


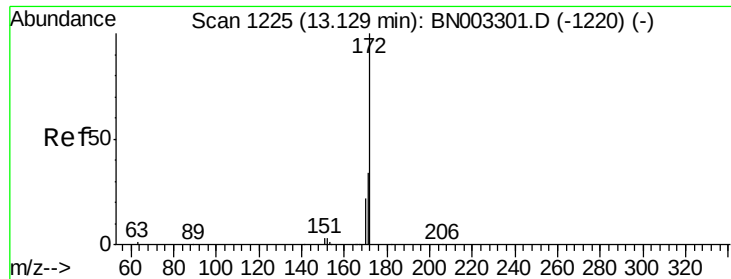
Abundance

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

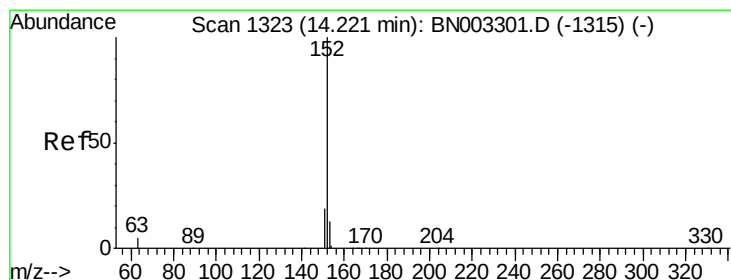
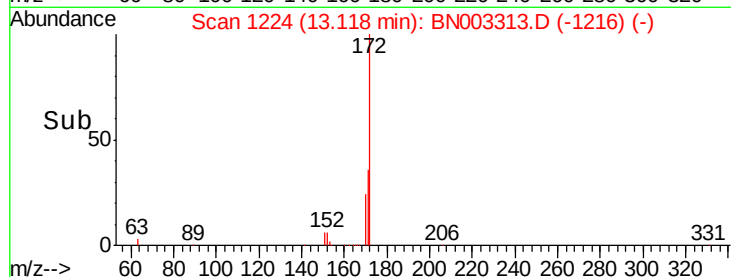
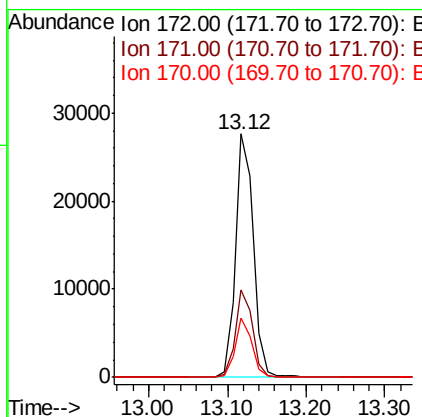
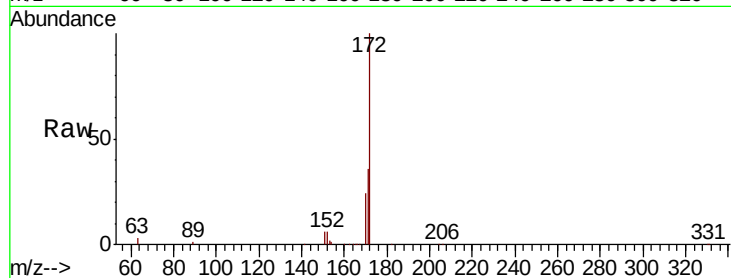




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003313.D
Acq: 26 Oct 2018 20:03

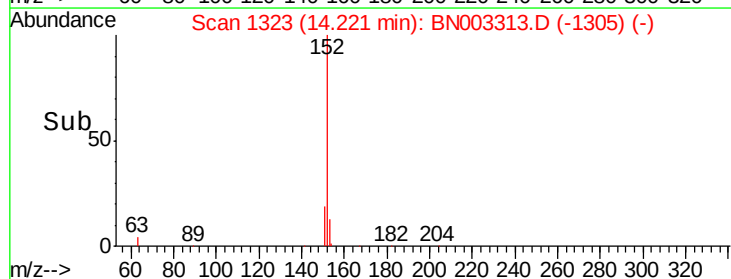
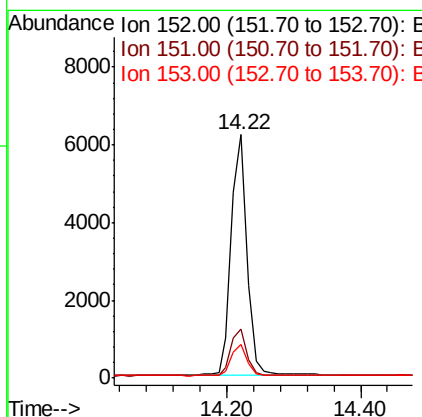
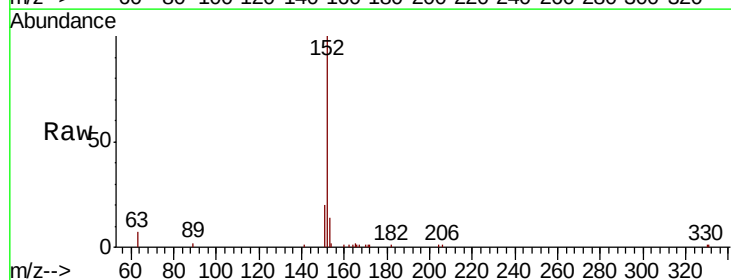
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

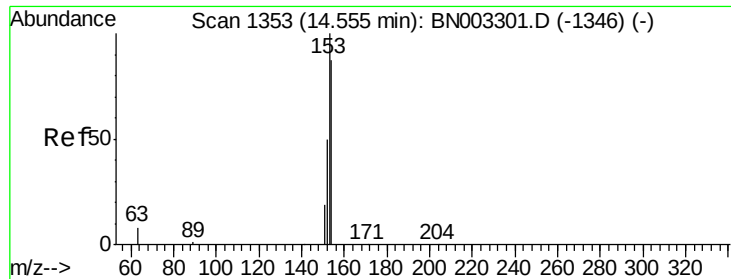
Tgt Ion:172 Resp: 43759
Ion Ratio Lower Upper
172 100
171 36.1 27.1 40.7
170 24.2 17.4 26.0



#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

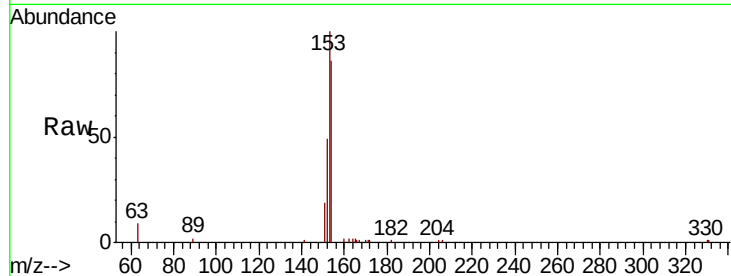
Tgt Ion:154 Resp: 7897

Ion Ratio Lower Upper

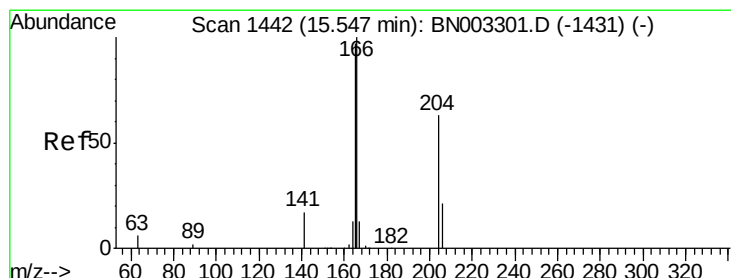
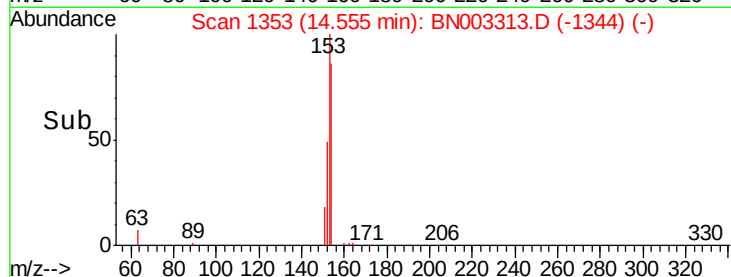
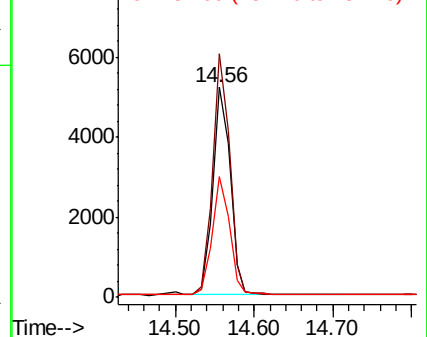
154 100

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

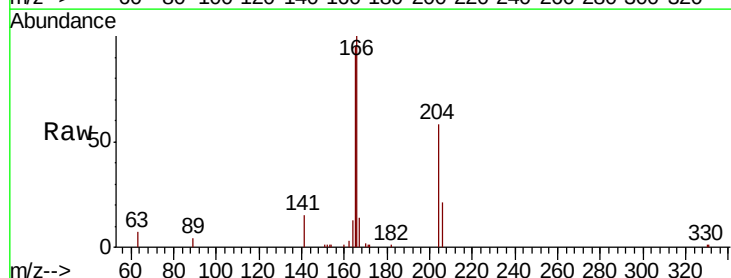
Tgt Ion:166 Resp: 9849

Ion Ratio Lower Upper

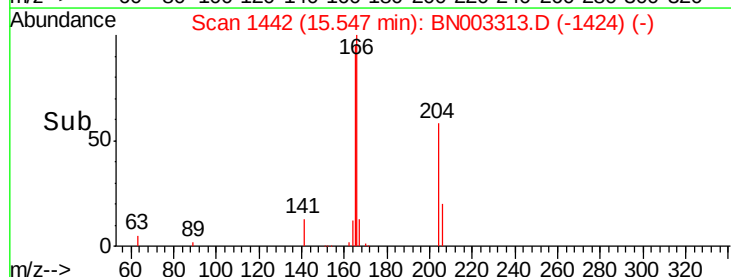
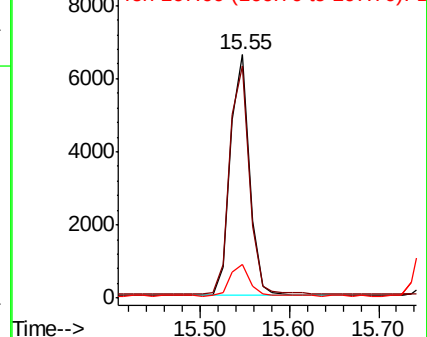
166 100

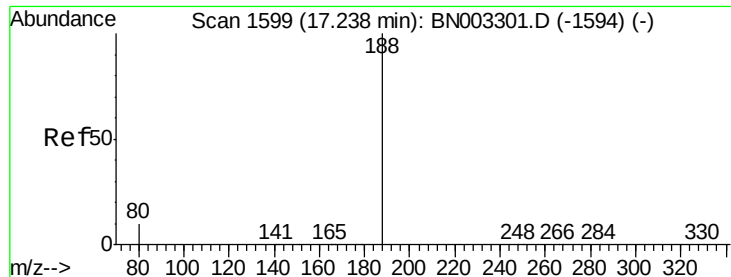
165 97.6 77.8 116.8

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

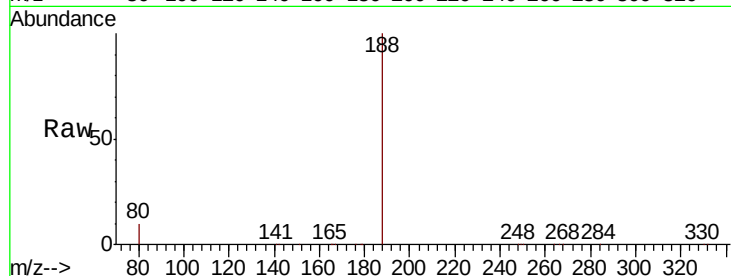
Tgt Ion:188 Resp: 72636

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

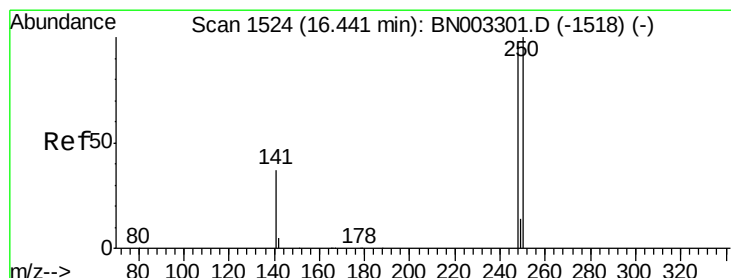
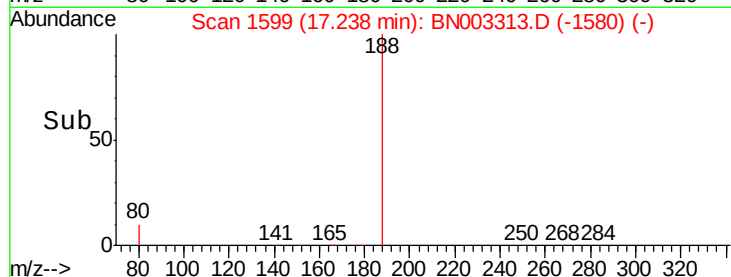
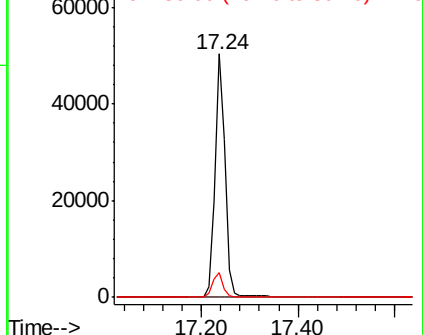
80 10.0 8.6 12.8



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

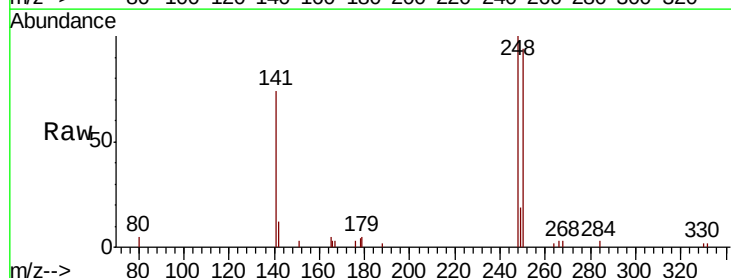
Tgt Ion:248 Resp: 3615

Ion Ratio Lower Upper

248 100

250 94.2 83.7 125.5

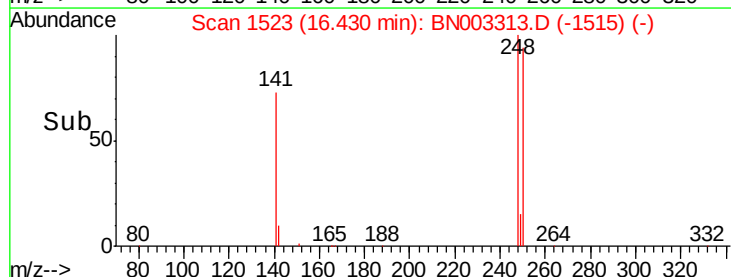
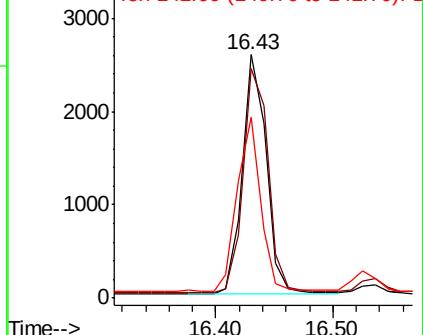
141 74.2 31.4 47.0#

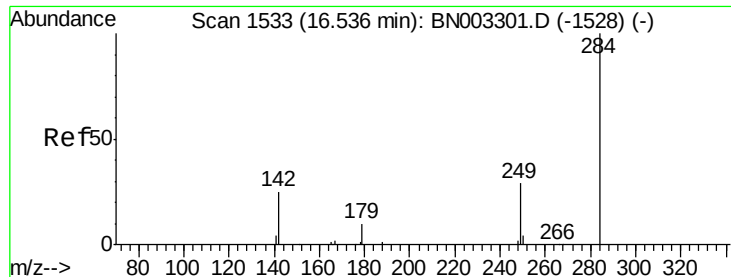


Abundance Ion 248.00 (247.70 to 248.70): E

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

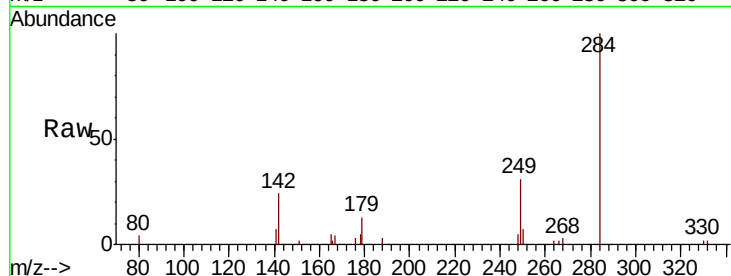
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

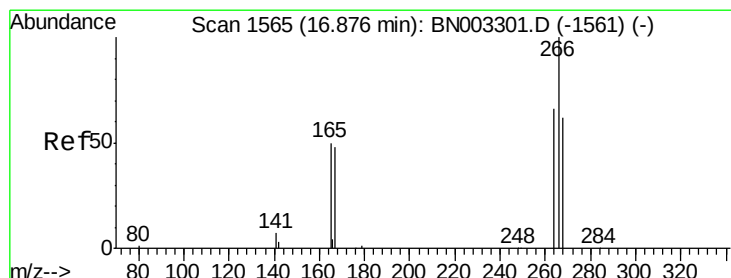
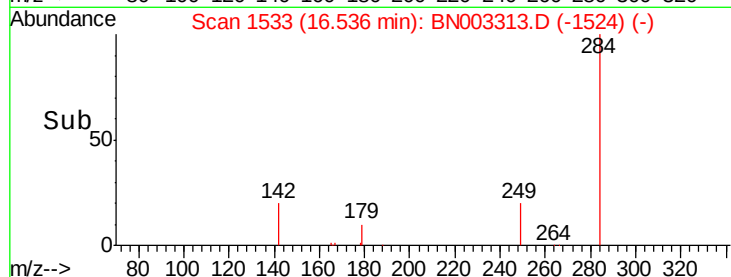
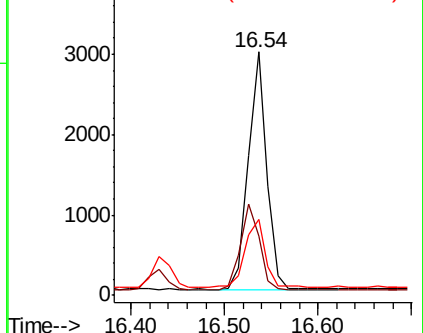
Tgt Ion:	284	Resp:	4115
Ion	Ratio	Lower	Upper
284	100		
142	36.6	29.7	44.5
249	30.6	24.0	36.0



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

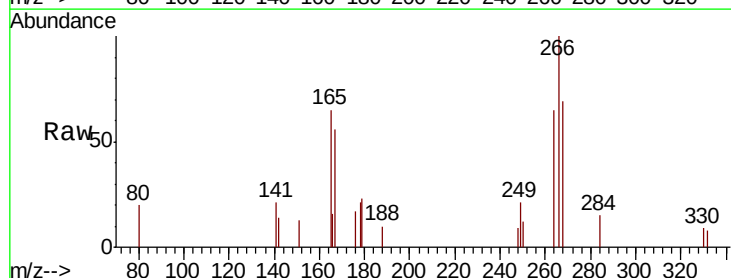
RT: 16.88 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN003313.D

Acq: 26 Oct 2018 20:03

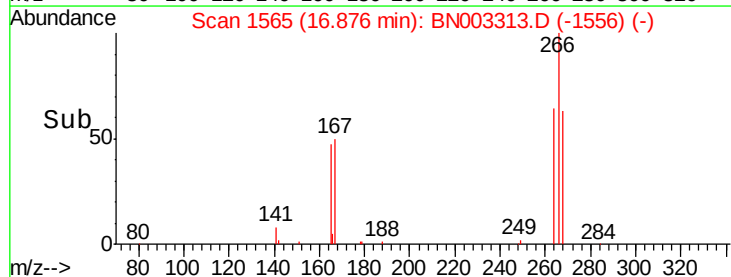
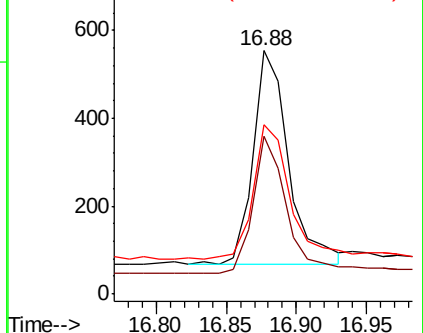
Tgt Ion:	266	Resp:	864
Ion	Ratio	Lower	Upper
266	100		
264	64.8	52.1	78.1
268	69.3	51.8	77.6

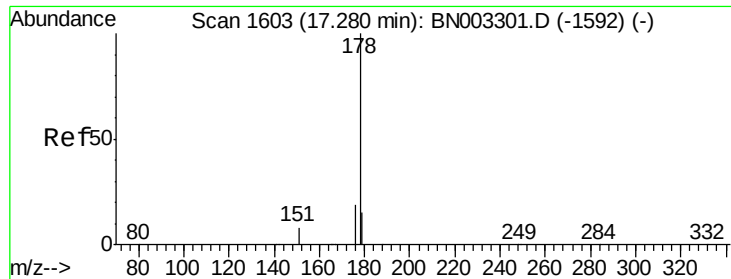


Abundance Ion 266.00 (265.70 to 266.70): E

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

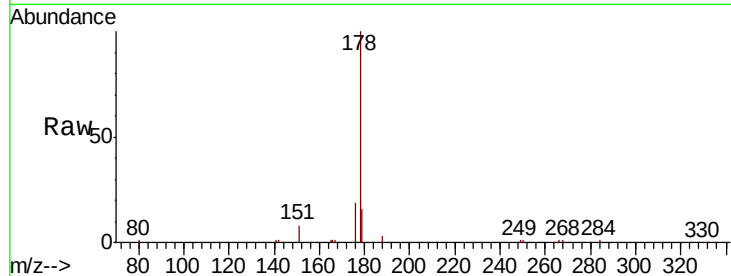
Tgt Ion:178 Resp: 17731

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

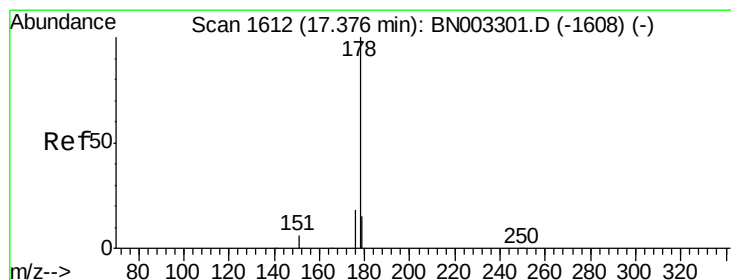
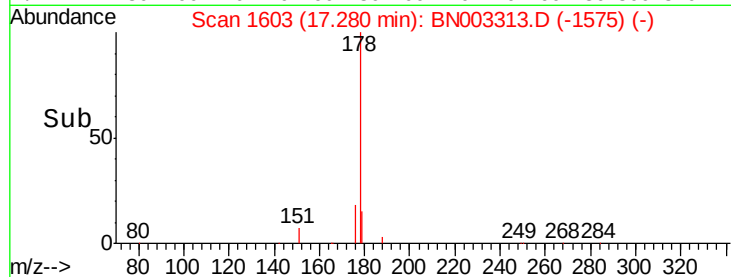
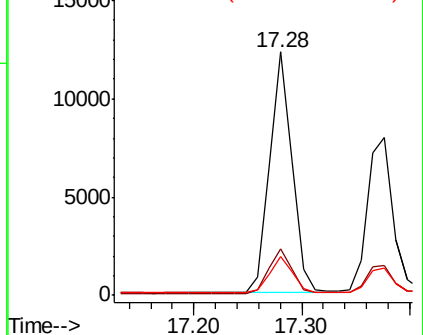
179 15.6 12.4 18.6



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

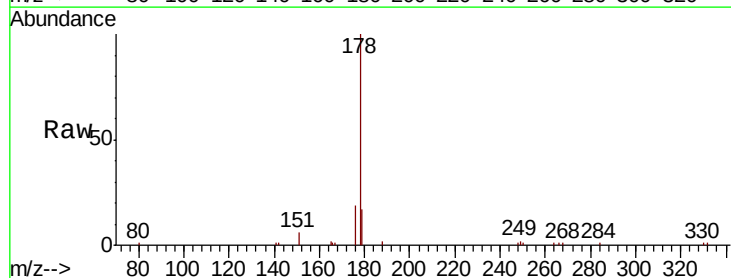
Tgt Ion:178 Resp: 13391

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

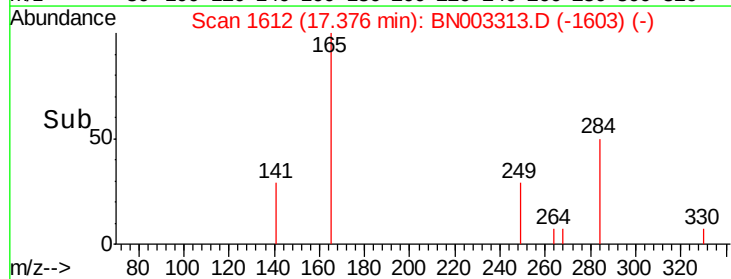
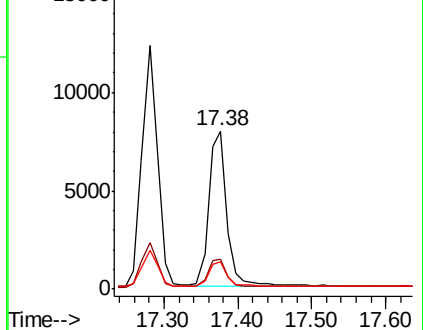
179 15.3 12.2 18.4

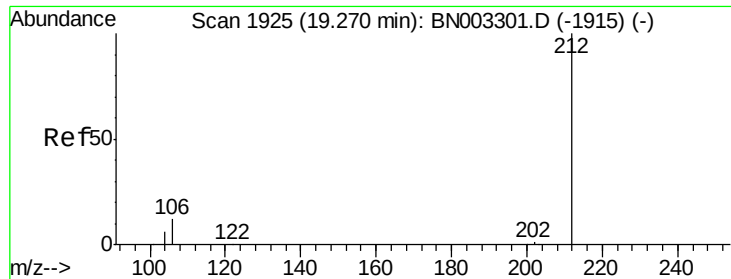


Abundance Ion 178.00 (177.70 to 178.70): E

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

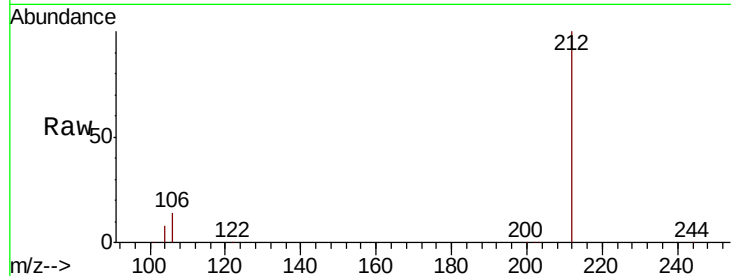
Tgt Ion:212 Resp: 61535

Ion Ratio Lower Upper

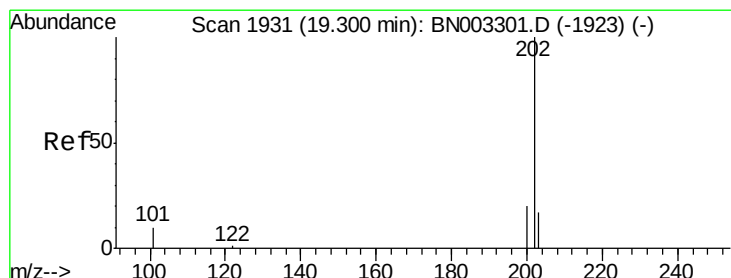
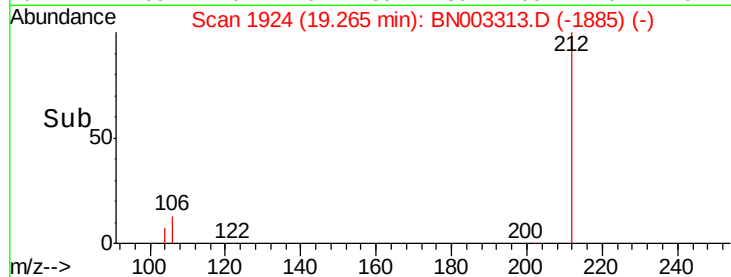
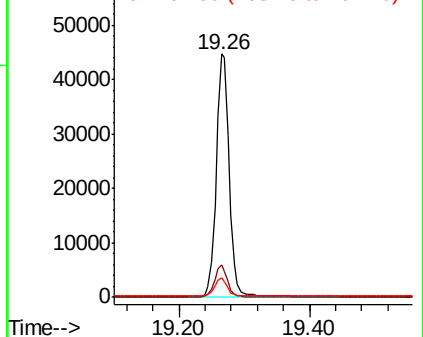
212 100

106 12.8 10.3 15.5

104 7.1 5.6 8.4



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#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

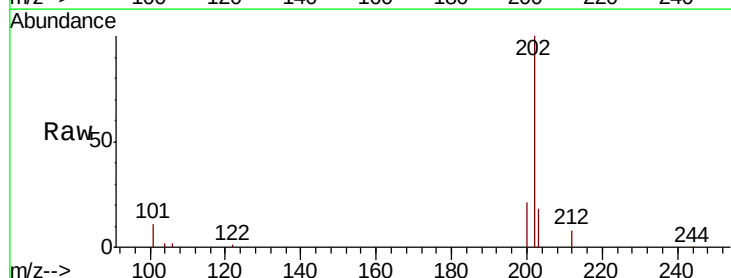
Tgt Ion:202 Resp: 19848

Ion Ratio Lower Upper

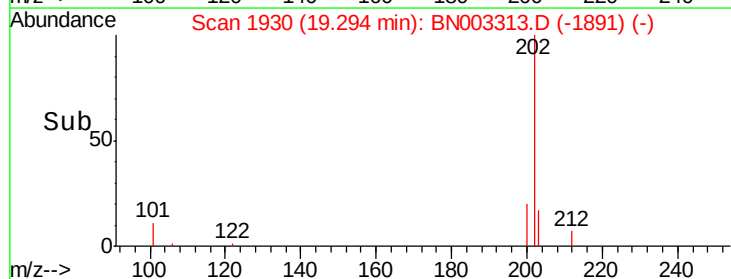
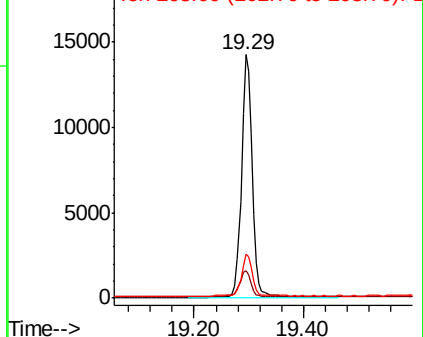
202 100

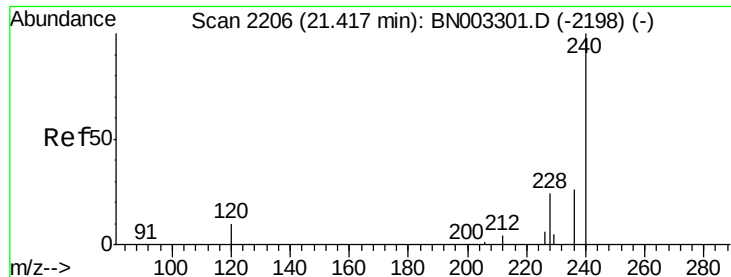
101 11.6 9.0 13.4

203 17.9 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#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

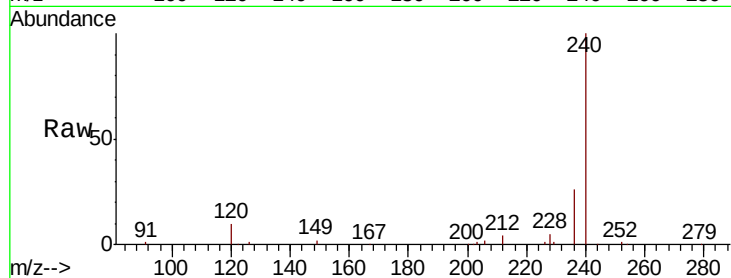
Tgt Ion:240 Resp: 75982

Ion Ratio Lower Upper

240 100

120 9.9 9.3 13.9

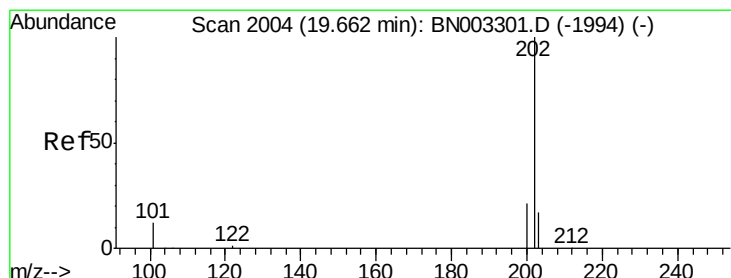
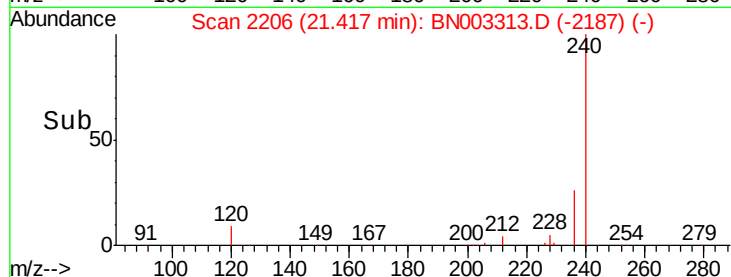
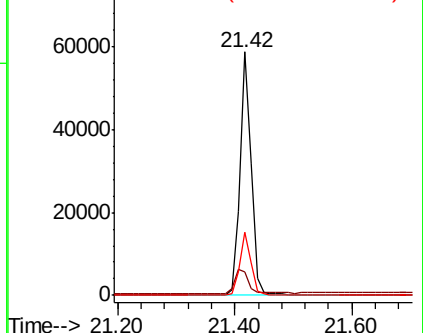
236 26.0 21.0 31.4



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

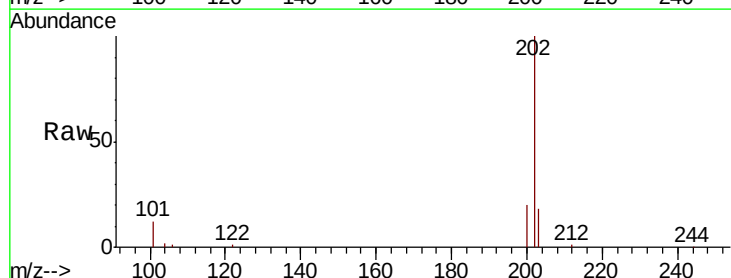
Tgt Ion:202 Resp: 19356

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

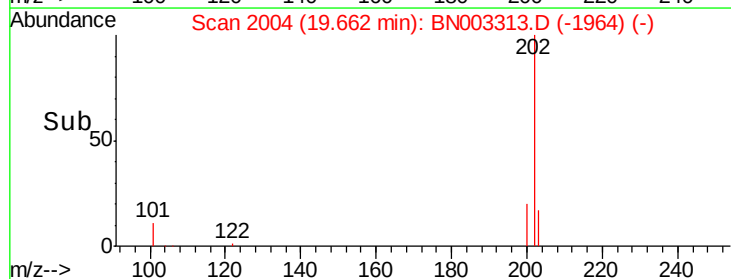
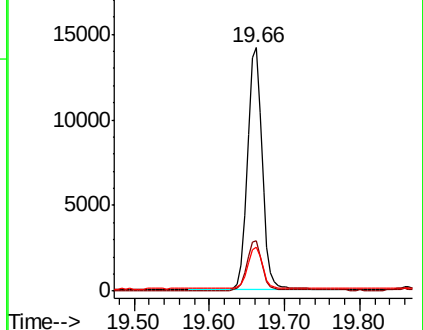
203 17.3 13.9 20.9

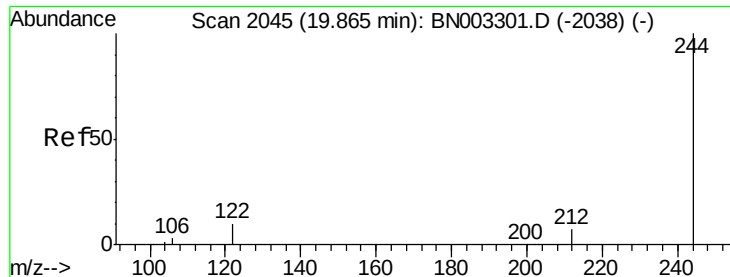


Abundance Ion 202.00 (201.70 to 202.70): E

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

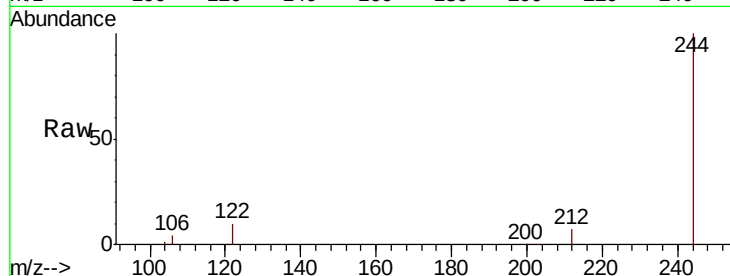
Tgt Ion:244 Resp: 58298

Ion Ratio Lower Upper

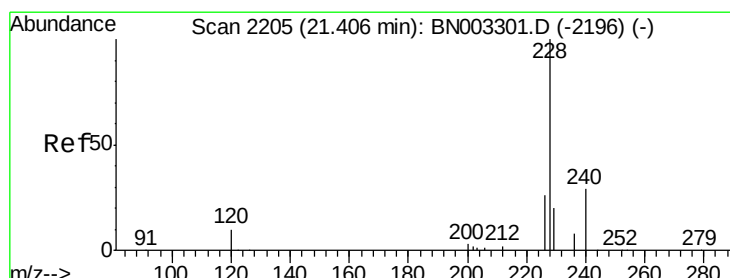
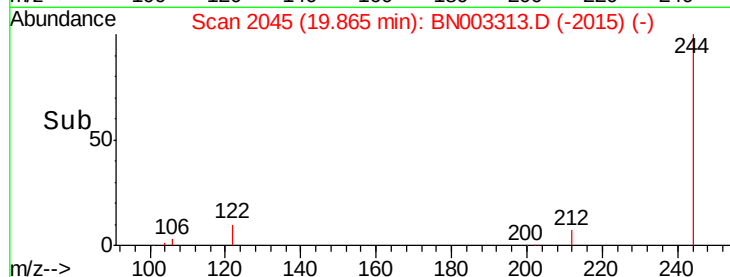
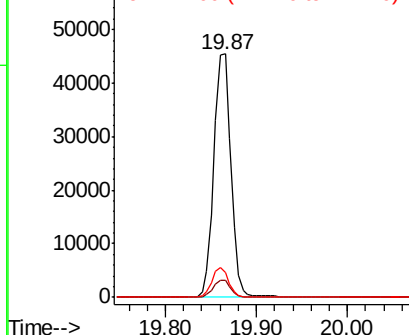
244 100

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

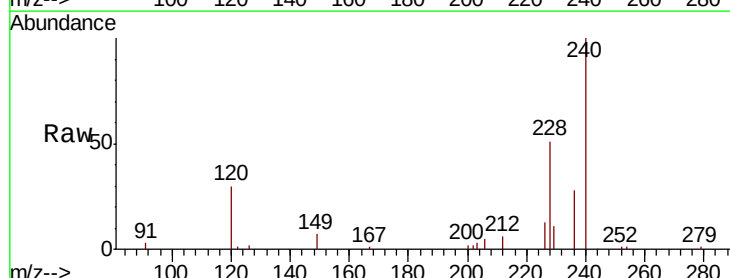
Tgt Ion:228 Resp: 15911

Ion Ratio Lower Upper

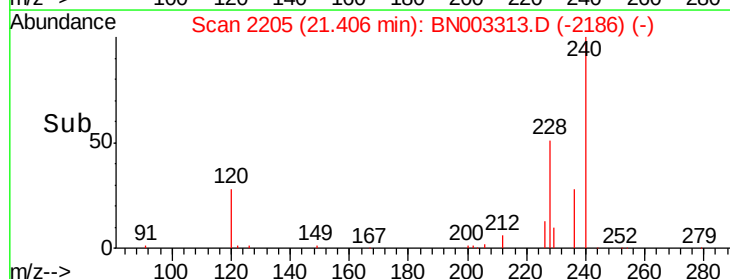
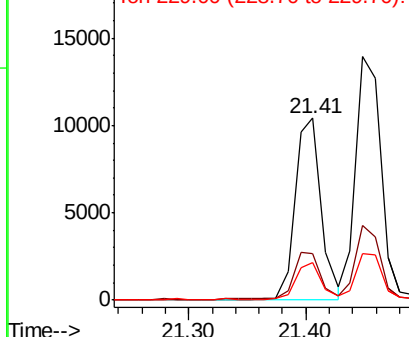
228 100

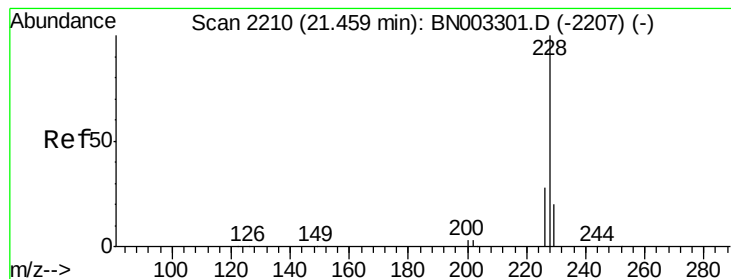
226 25.9 20.8 31.2

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

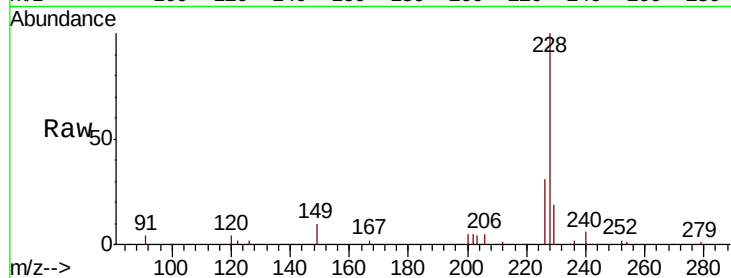
Tgt Ion:228 Resp: 20558

Ion Ratio Lower Upper

228 100

226 30.6 22.7 34.1

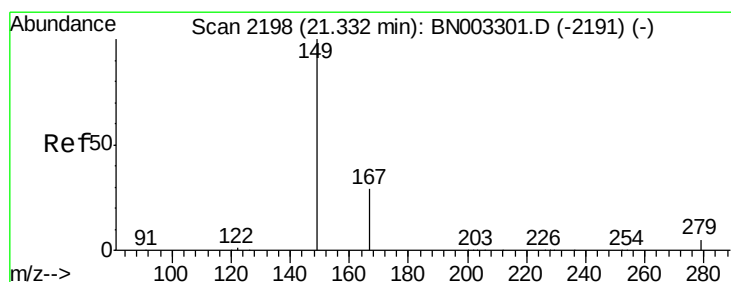
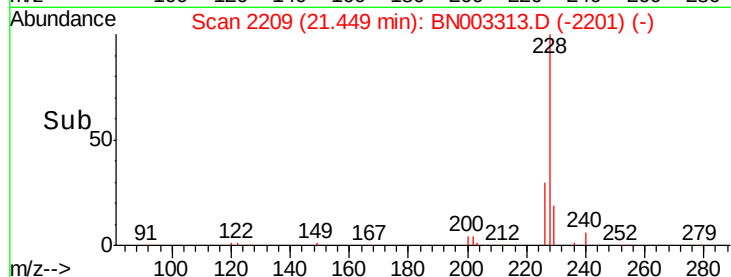
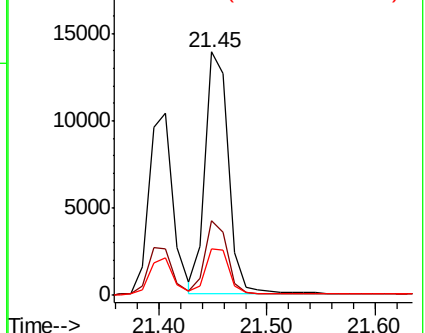
229 19.1 16.0 24.0



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

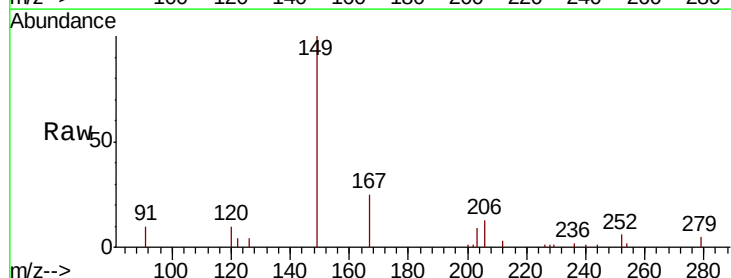
Tgt Ion:149 Resp: 4722

Ion Ratio Lower Upper

149 100

167 27.3 22.4 33.6

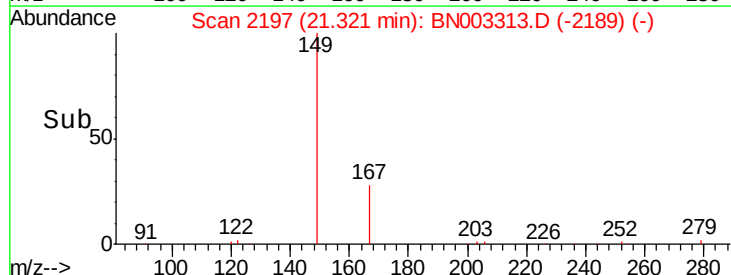
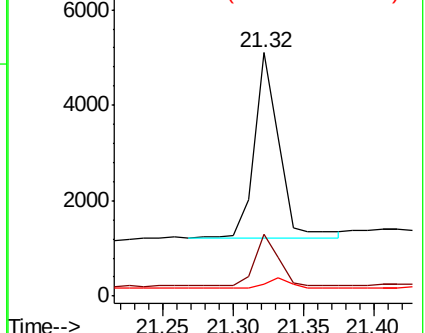
279 6.0 3.9 5.9#

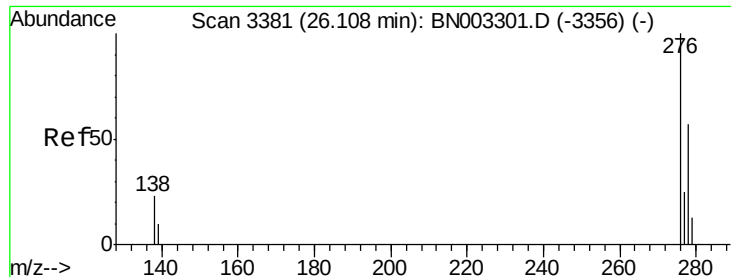


Abundance Ion 149.00 (148.70 to 149.70): E

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

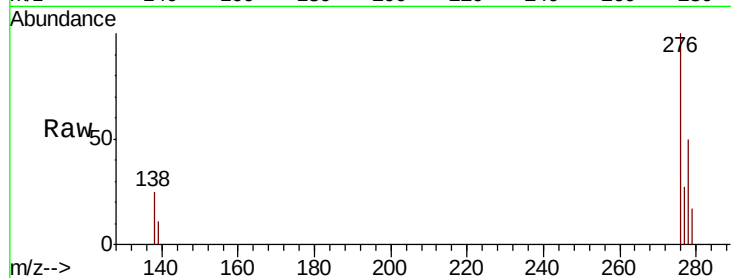
Tgt Ion: 276 Resp: 18519

Ion Ratio Lower Upper

276 100

138 22.7 20.6 30.8

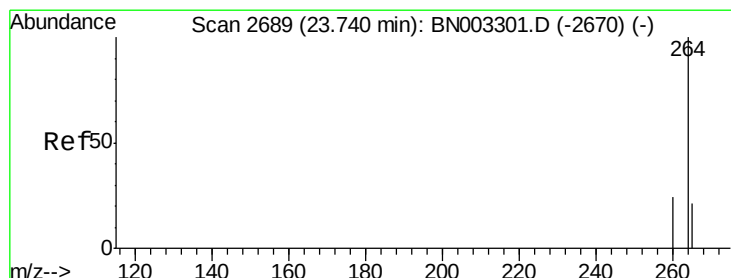
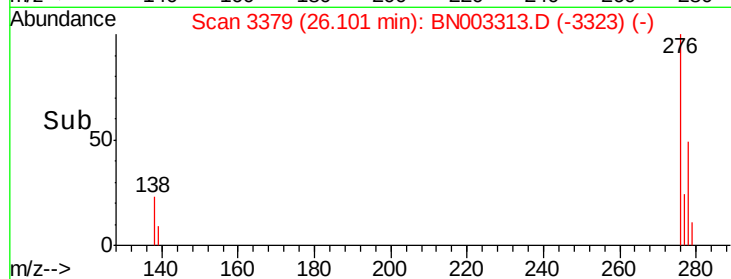
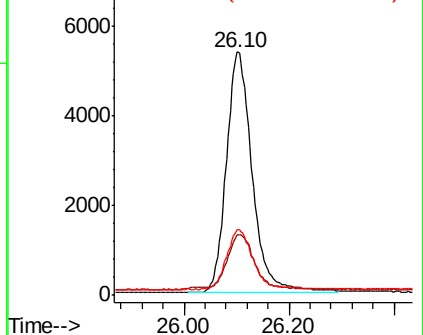
277 25.1 20.0 30.0



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

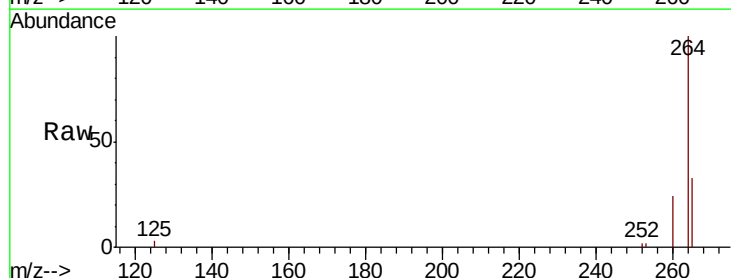
Tgt Ion: 264 Resp: 68719

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

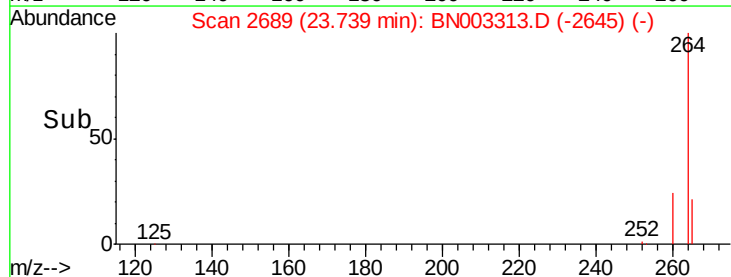
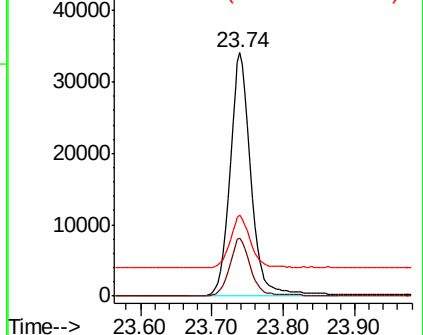
265 33.0 26.4 39.6

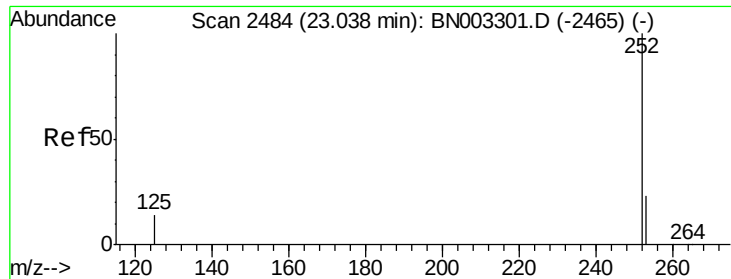


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.091 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

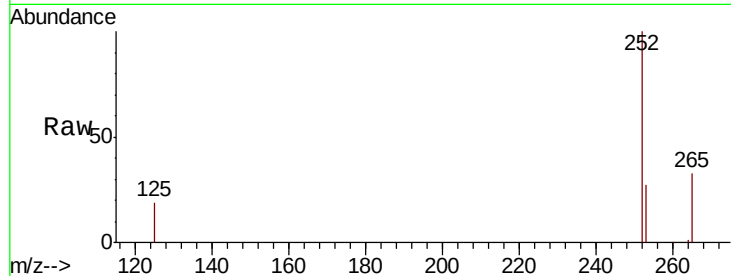
Tgt Ion: 252 Resp: 19349

Ion Ratio Lower Upper

252 100

253 27.0 19.3 28.9

125 18.5 12.7 19.1

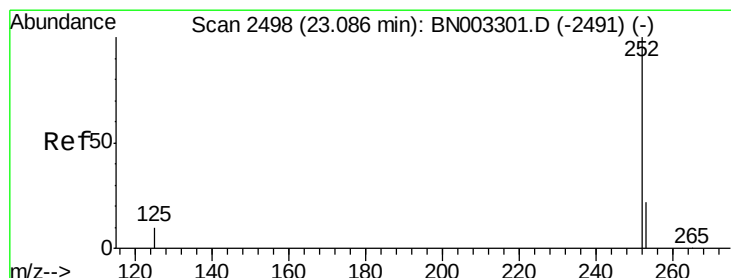
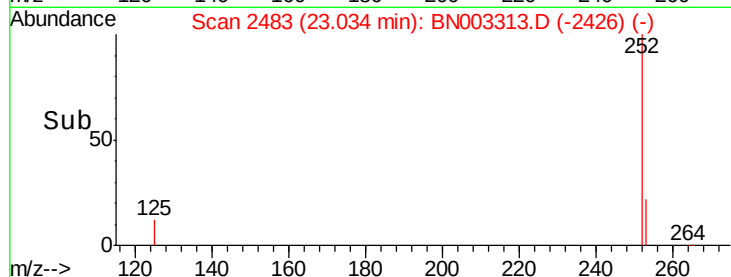
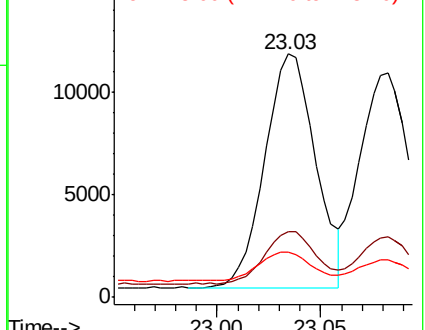


Abundance

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

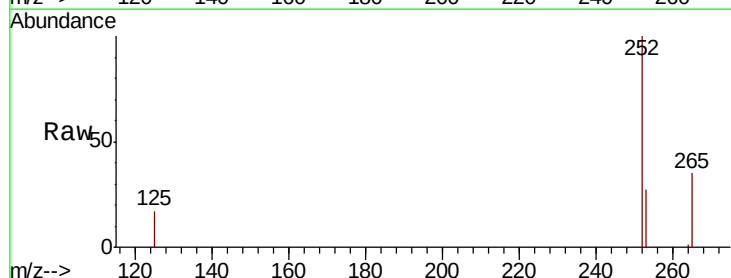
Tgt Ion: 252 Resp: 18640

Ion Ratio Lower Upper

252 100

253 27.3 18.5 27.7

125 16.9 9.1 13.7#

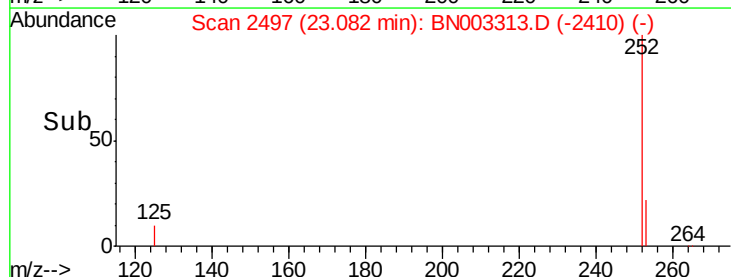
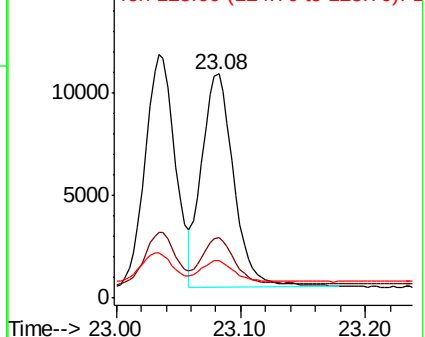


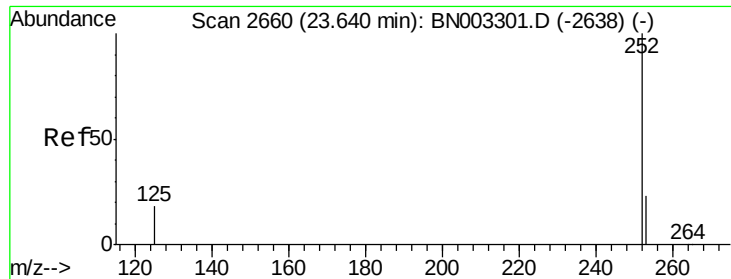
Abundance

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

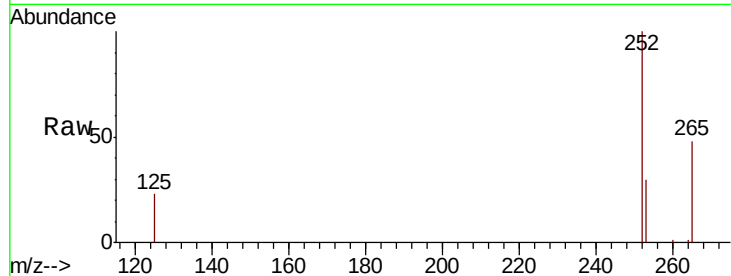
Tgt Ion: 252 Resp: 16275

Ion Ratio Lower Upper

252 100

253 29.7 20.1 30.1

125 23.4 16.0 24.0

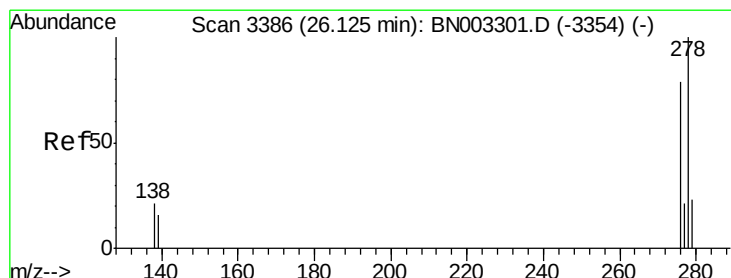
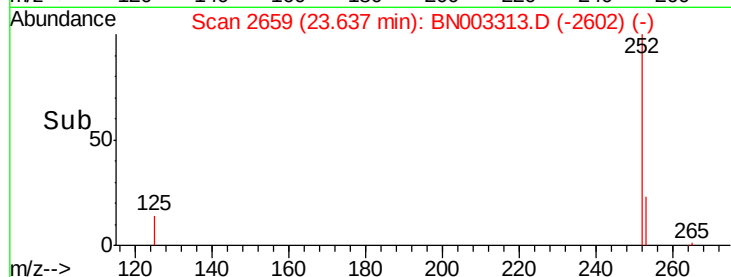
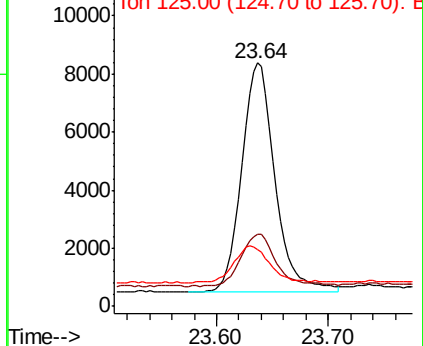


Abundance

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

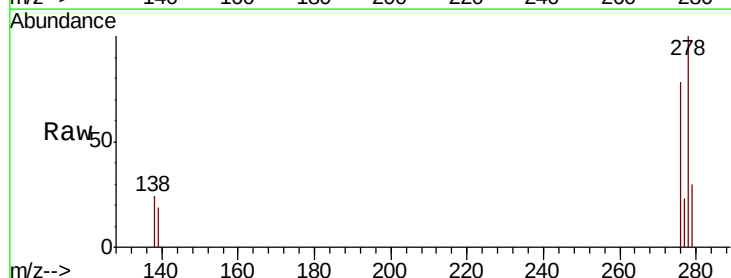
Tgt Ion: 278 Resp: 14782

Ion Ratio Lower Upper

278 100

139 18.8 13.5 20.3

279 29.6 19.8 29.6

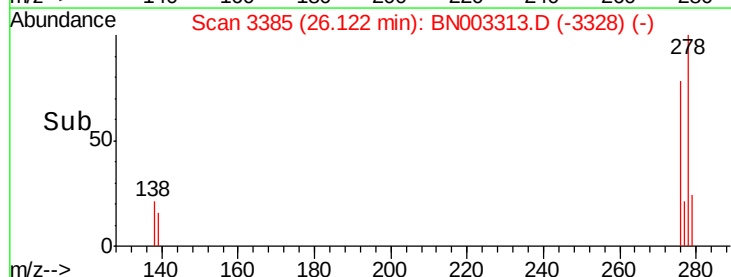
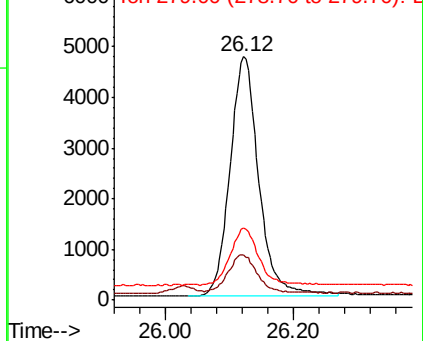


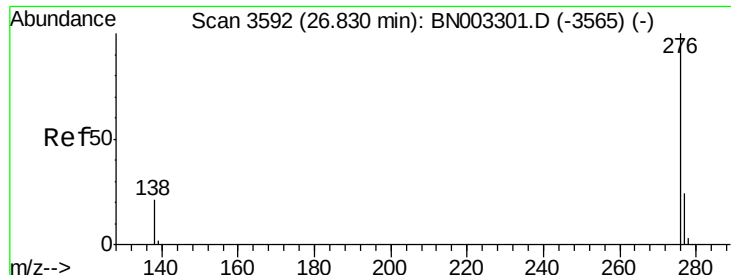
Abundance

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(g,h,i)perylene

Concen: 0.088 ng

RT: 26.83 min Scan# 3591

Delta R.T. -0.00 min

Lab File: BN003313.D

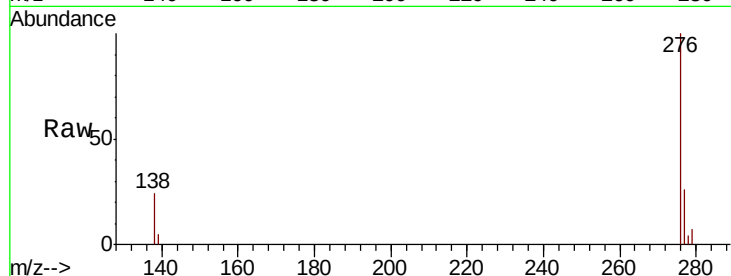
Acq: 26 Oct 2018 20:03

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018



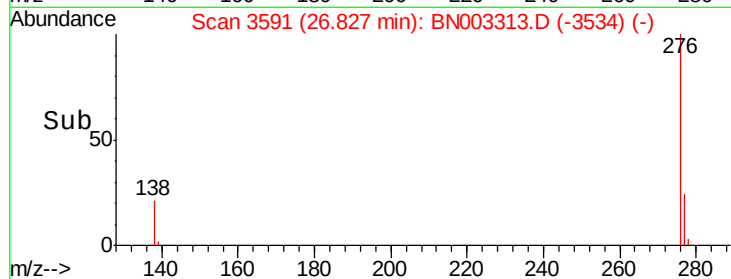
Tgt Ion: 276 Resp: 16015

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

