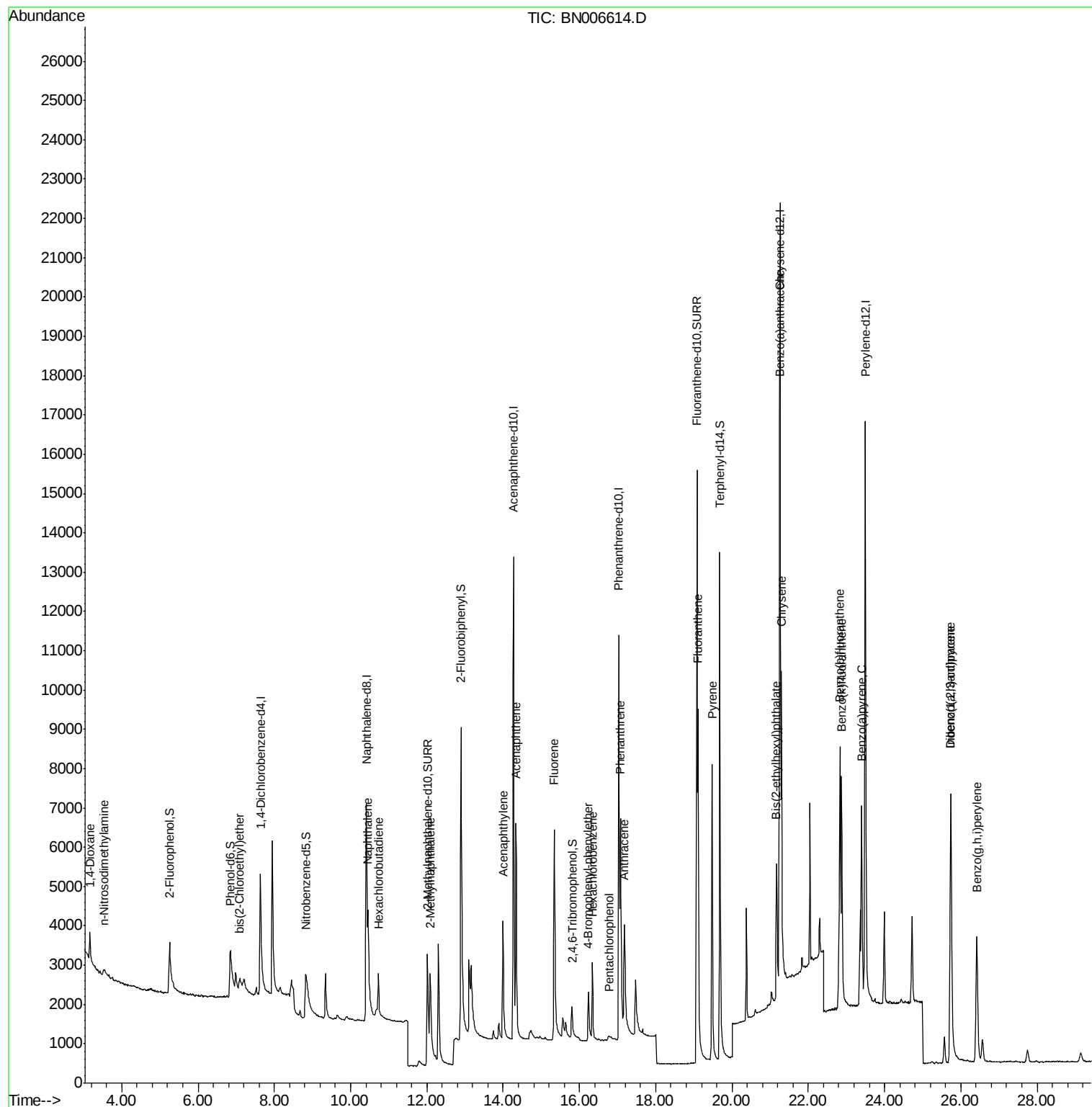
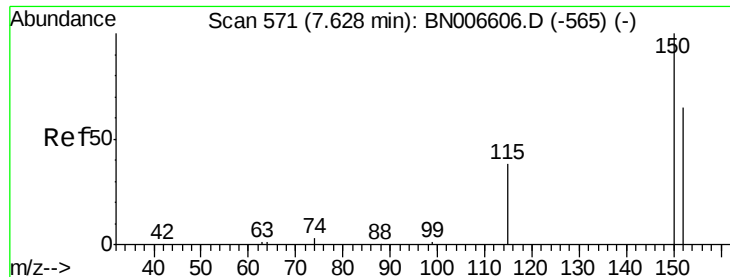


Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006614.D
Acq On : 28 Jun 2019 15:48
Operator : HP/JU
Sample : K2241-07
Misc : LOD-W-0.1PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Quant Time: Jun 29 01:10:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



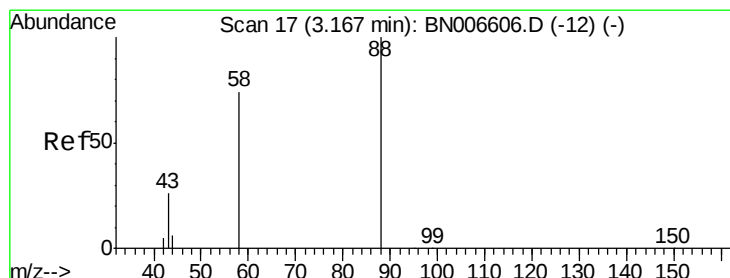
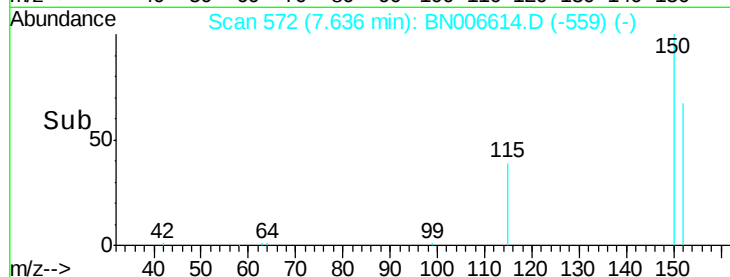
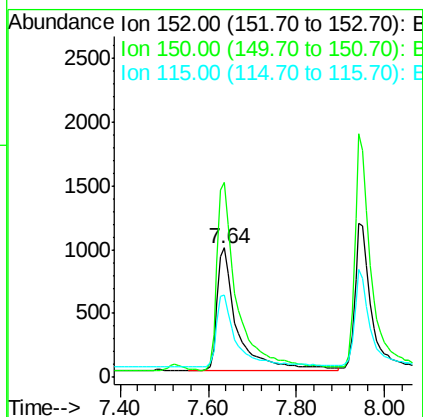
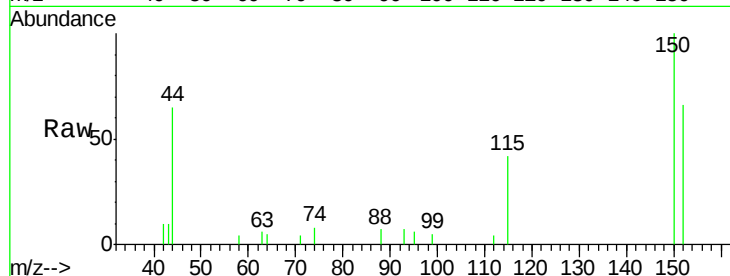


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 572
Delta R.T. 0.01 min
Lab File: BN006614.D
Acq: 28 Jun 2019 15:48

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

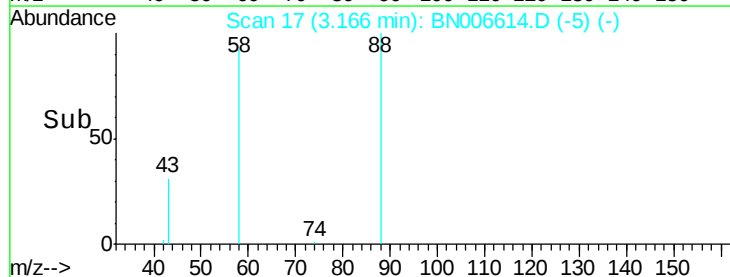
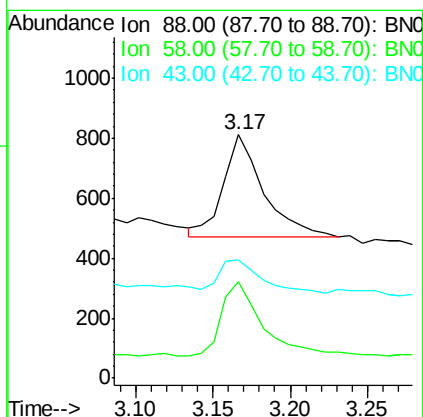
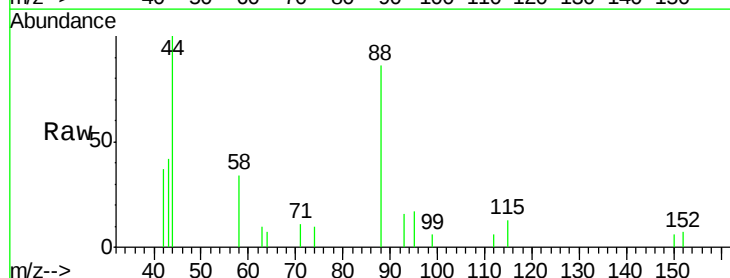
Tgt Ion: 152 Resp: 3045
Ion Ratio Lower Upper
152 100
150 151.4 122.2 183.2
115 63.5 50.0 75.0

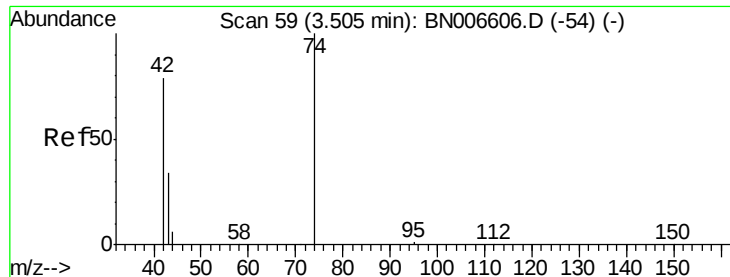


#2

1,4-Dioxane
Concen: 0.147 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006614.D
Acq: 28 Jun 2019 15:48

Tgt Ion: 88 Resp: 618
Ion Ratio Lower Upper
88 100
58 72.8 62.5 93.7
43 34.1 25.4 38.0





#3

n-Nitrosodimethylamine

Concen: 0.061 ng

RT: 3.54 min Scan# 63

Delta R.T. 0.03 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

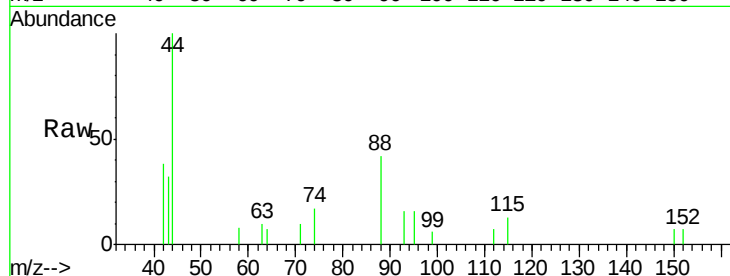
Tgt Ion: 42 Resp: 202

Ion Ratio Lower Upper

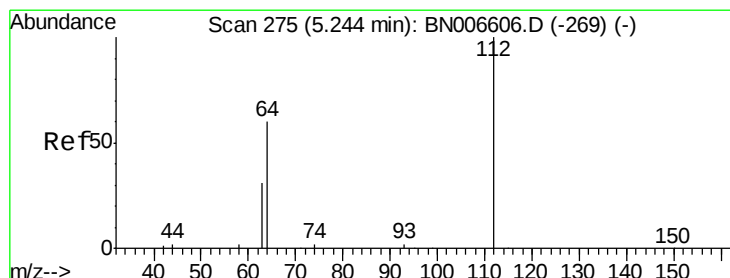
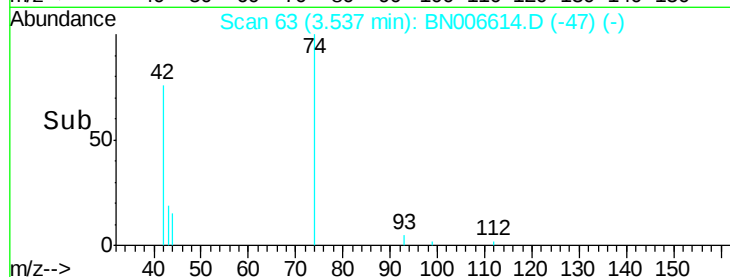
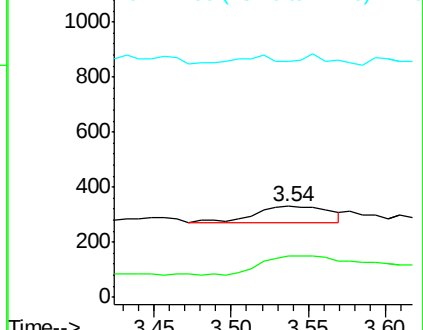
42 100

74 124.8 103.1 154.7

44 14.4 3.4 5.2#



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: 0.361 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

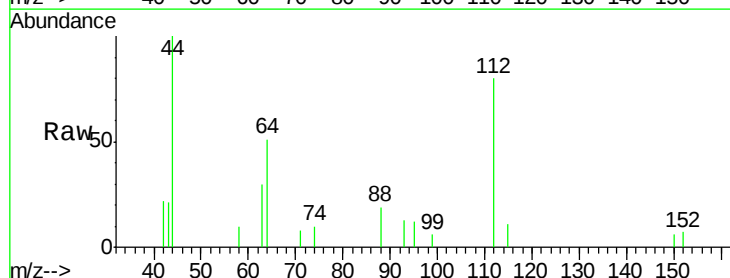
Tgt Ion: 112 Resp: 2698

Ion Ratio Lower Upper

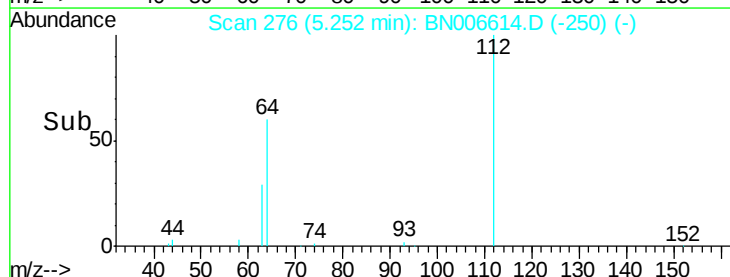
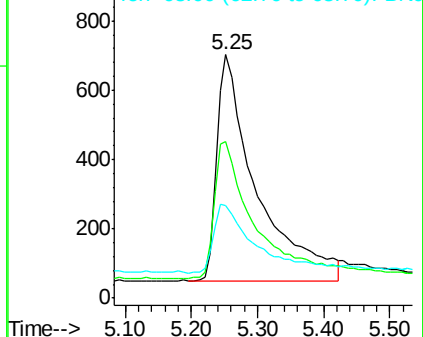
112 100

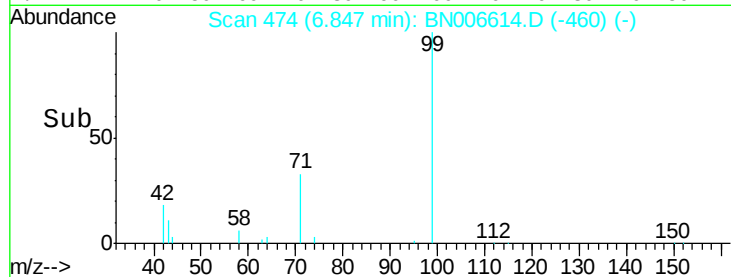
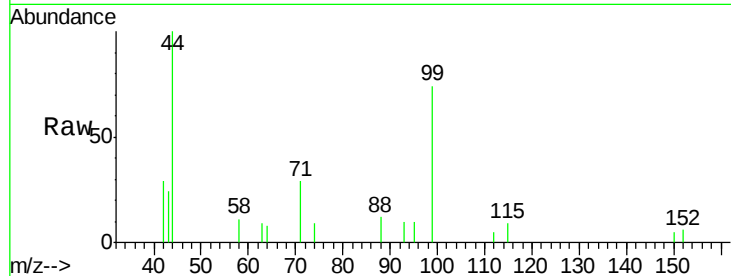
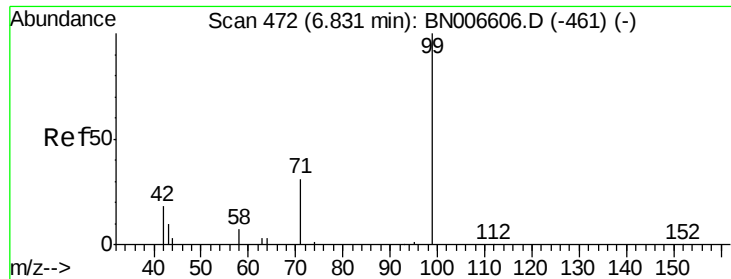
64 60.9 48.9 73.3

63 32.7 24.3 36.5



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: 0.337 ng

RT: 6.85 min Scan# 474

Delta R.T. 0.02 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

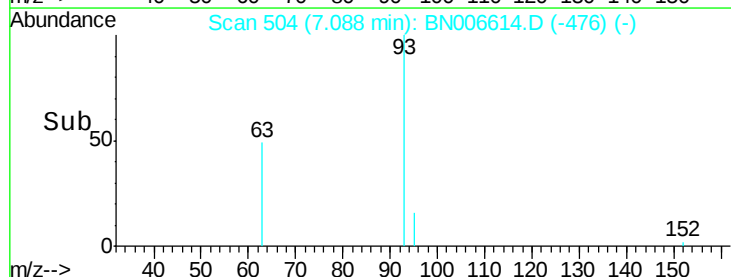
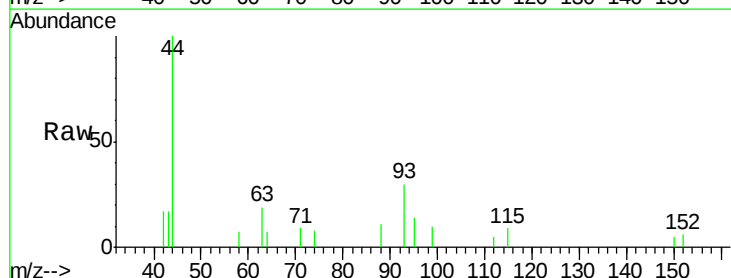
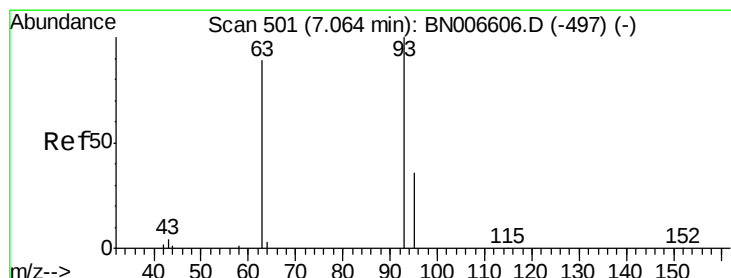
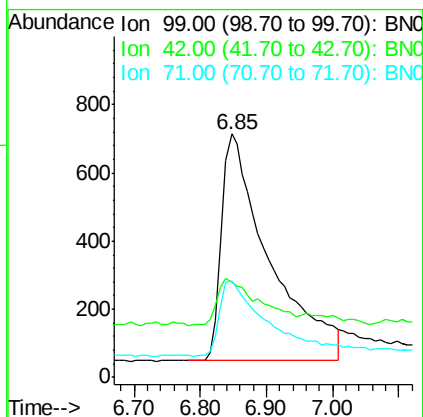
Tgt Ion: 99 Resp: 3328

Ion Ratio Lower Upper

99 100

42 17.7 16.4 24.6

71 34.1 26.6 40.0



#6

bis(2-Chloroethyl)ether

Concen: 0.098 ng

RT: 7.09 min Scan# 504

Delta R.T. 0.02 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

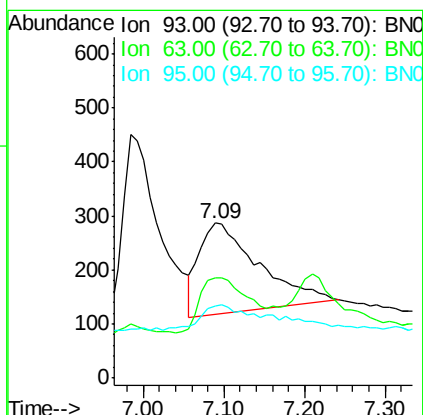
Tgt Ion: 93 Resp: 861

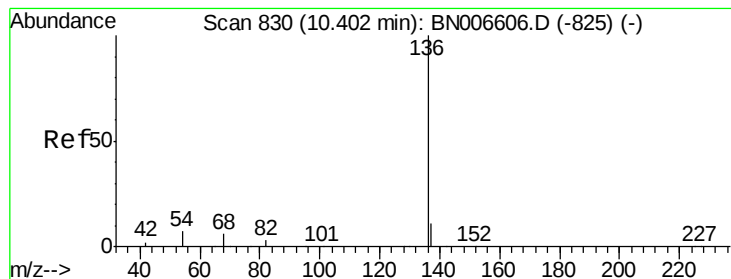
Ion Ratio Lower Upper

93 100

63 50.4 52.5 78.7#

95 26.9 24.2 36.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.41 min Scan# 831

Delta R.T. 0.01 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tgt Ion:136 Resp: 12516

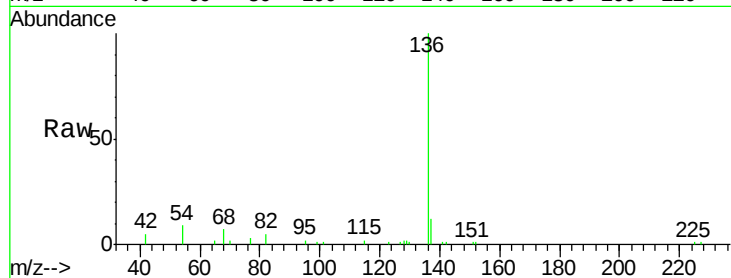
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 8.7 6.7 10.1

68 6.8 5.3 7.9

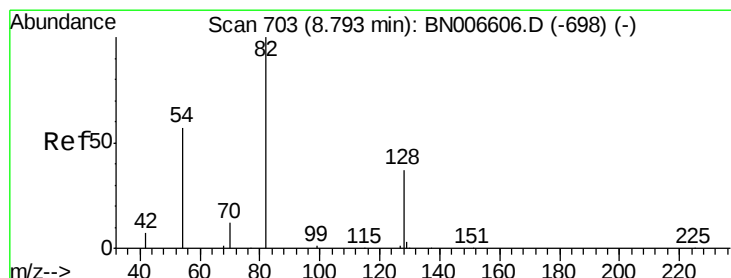
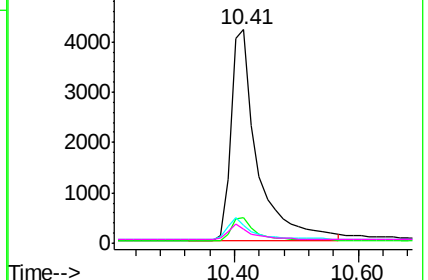
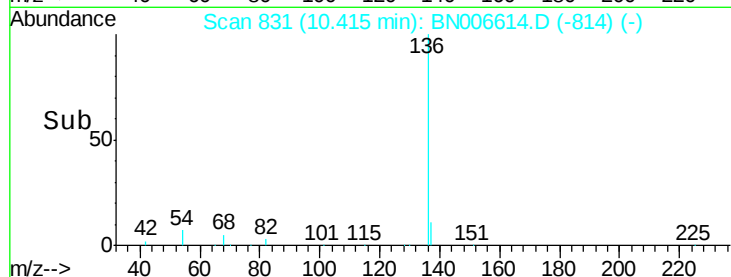


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.313 ng

RT: 8.82 min Scan# 705

Delta R.T. 0.03 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

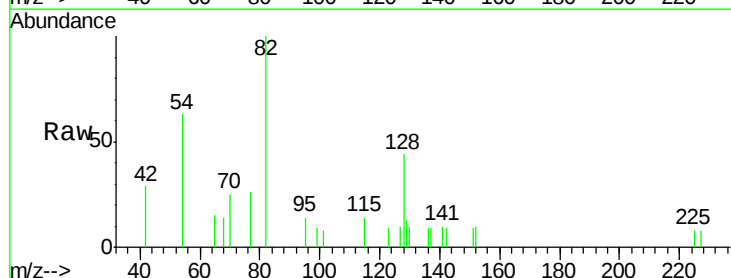
Tgt Ion: 82 Resp: 2636

Ion Ratio Lower Upper

82 100

128 43.7 32.6 49.0

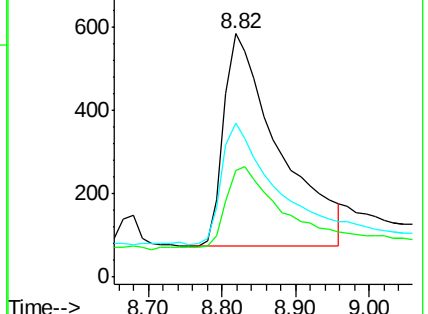
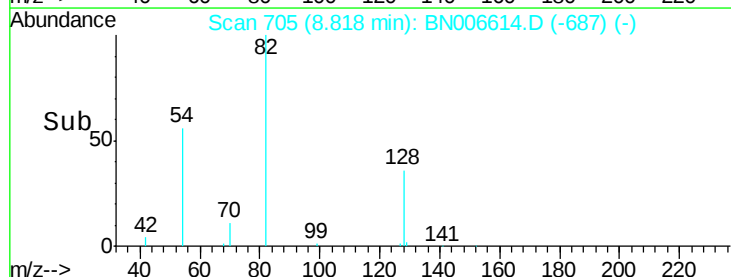
54 63.1 48.2 72.4

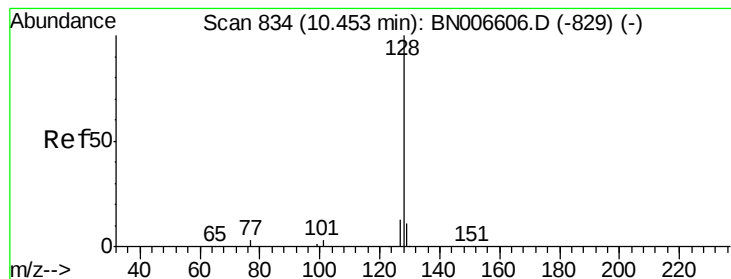


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.127 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

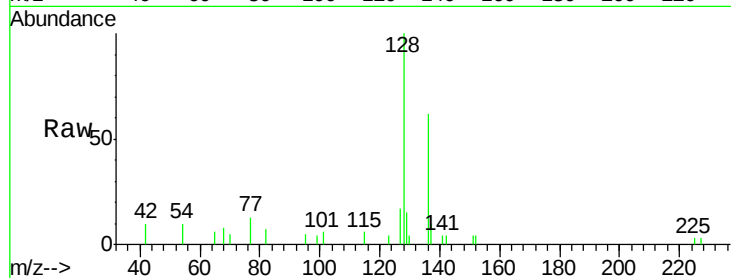
Tgt Ion:128 Resp: 4164

Ion Ratio Lower Upper

128 100

129 14.7 9.3 13.9#

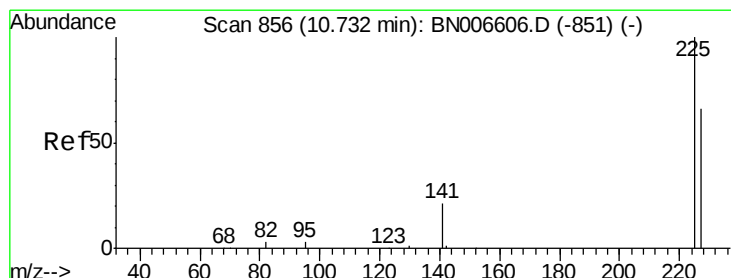
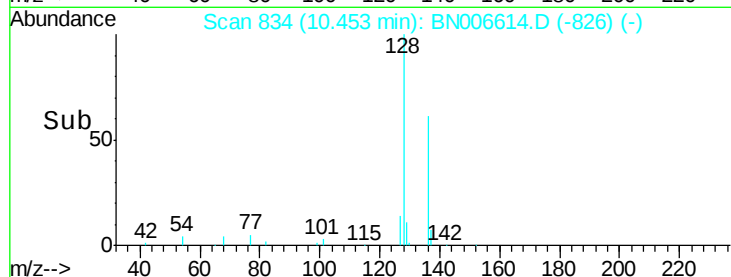
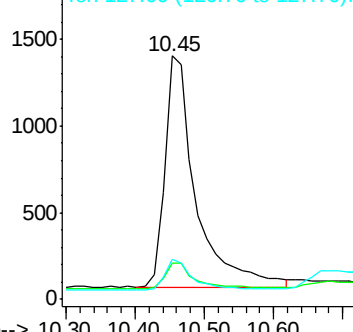
127 16.6 10.8 16.2#



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: 0.125 ng

RT: 10.73 min Scan# 856

Delta R.T. -0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

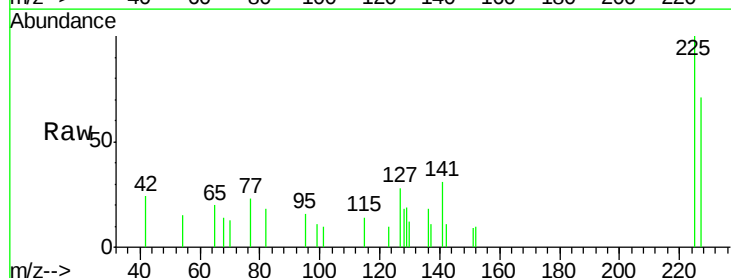
Tgt Ion:225 Resp: 848

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

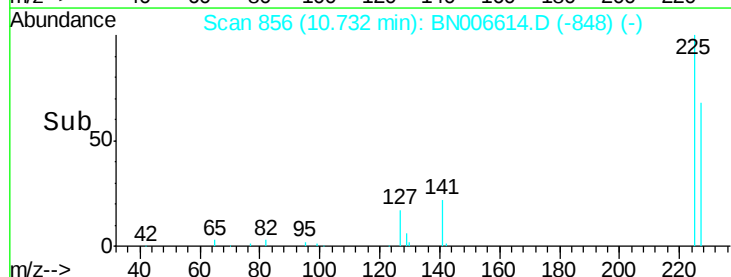
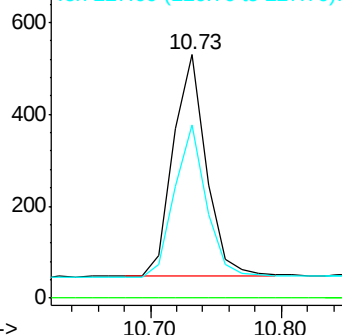
227 65.7 51.4 77.2

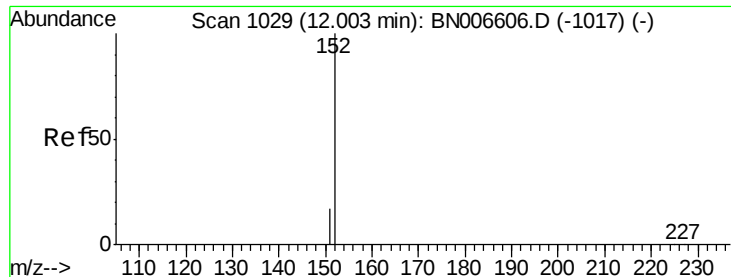


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

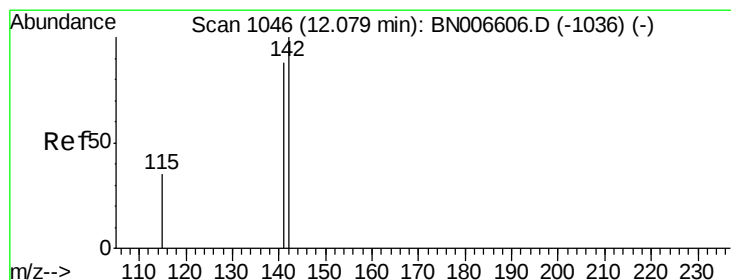
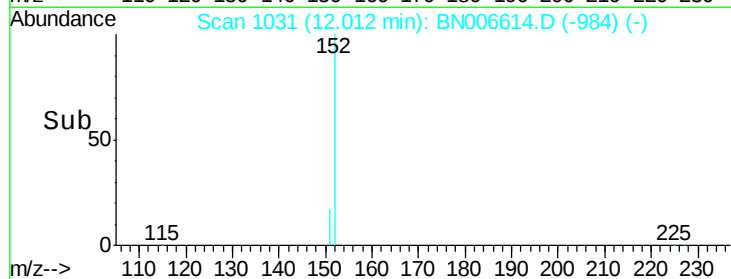
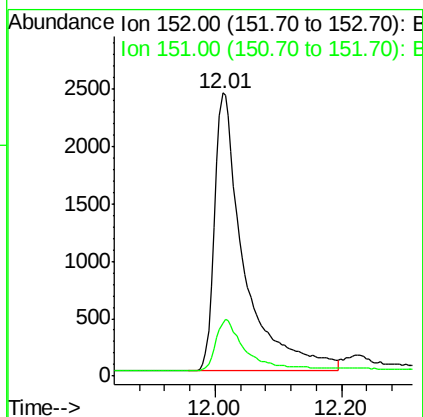
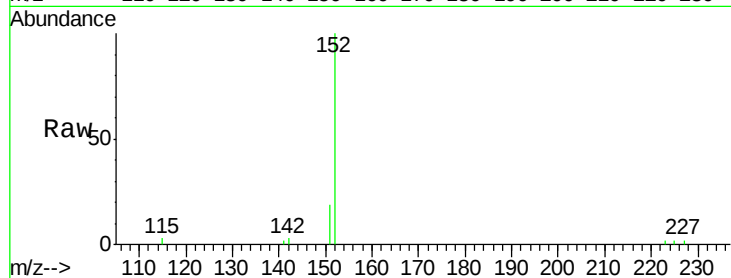




#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.01 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BN006614.D
Acq: 28 Jun 2019 15:48

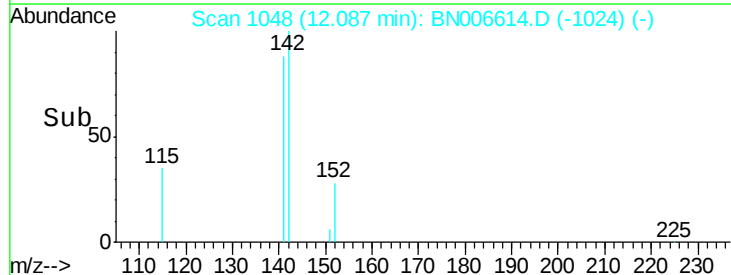
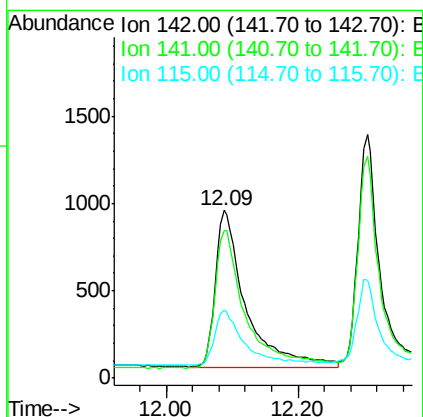
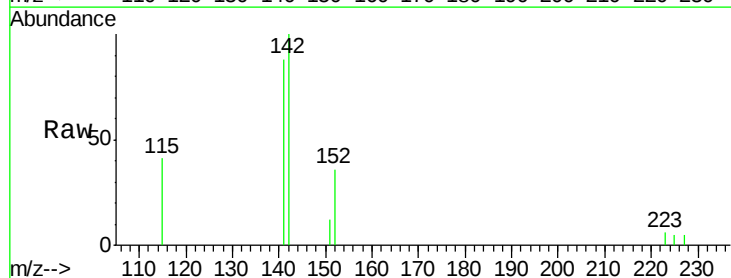
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

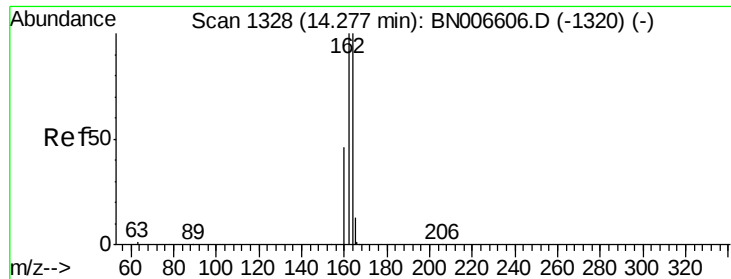
Tgt Ion:152 Resp: 7810
Ion Ratio Lower Upper
152 100
151 18.5 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.126 ng
RT: 12.09 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BN006614.D
Acq: 28 Jun 2019 15:48

Tgt Ion:142 Resp: 2857
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.4
115 41.1 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

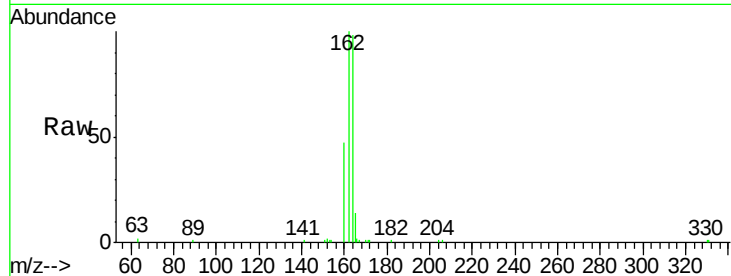
Tgt Ion:164 Resp: 8223

Ion Ratio Lower Upper

164 100

162 101.9 80.0 120.0

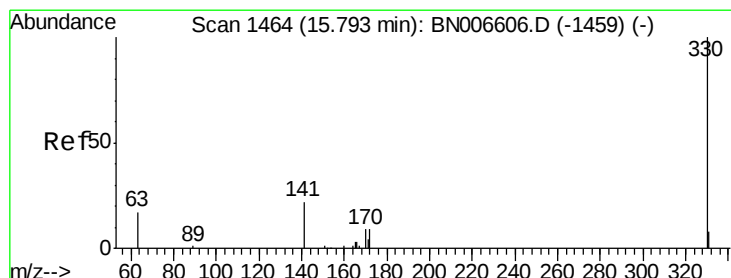
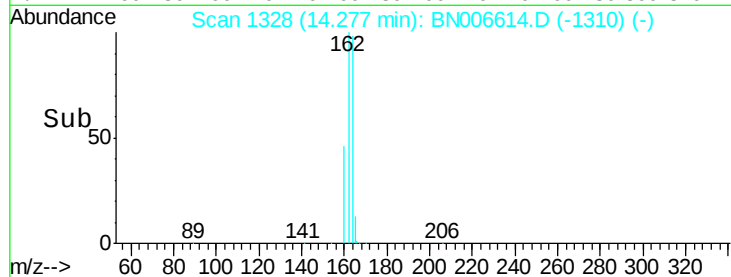
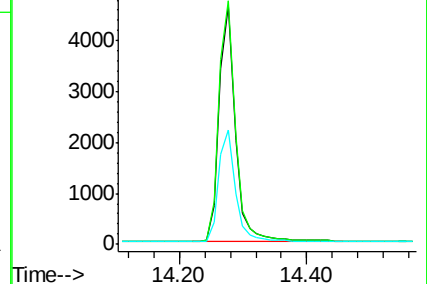
160 47.8 37.0 55.4



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: 0.307 ng

RT: 15.80 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

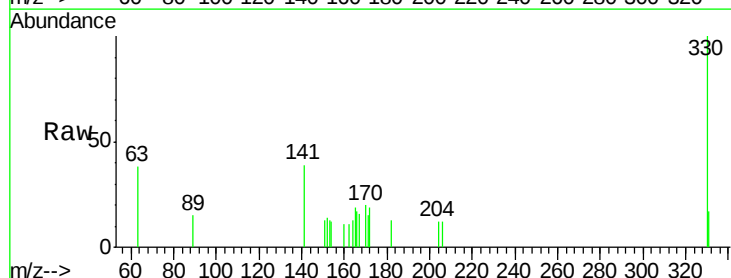
Tgt Ion:330 Resp: 1190

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

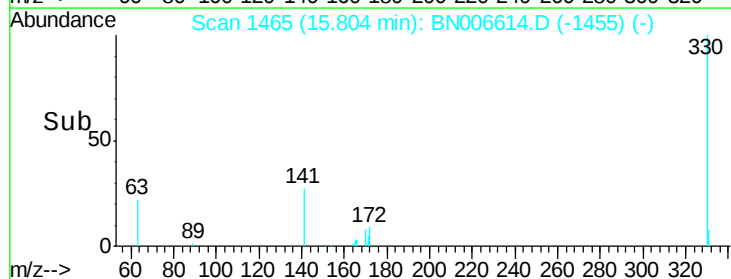
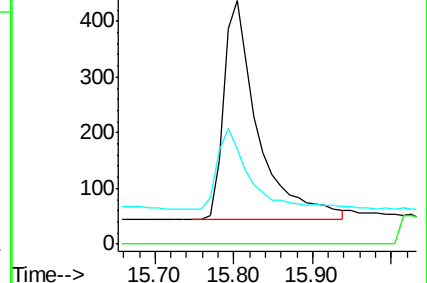
141 35.1 26.5 39.7

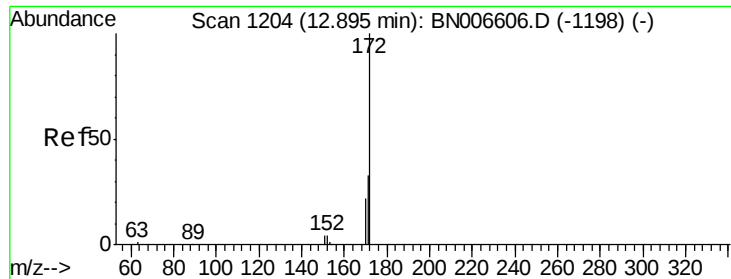


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

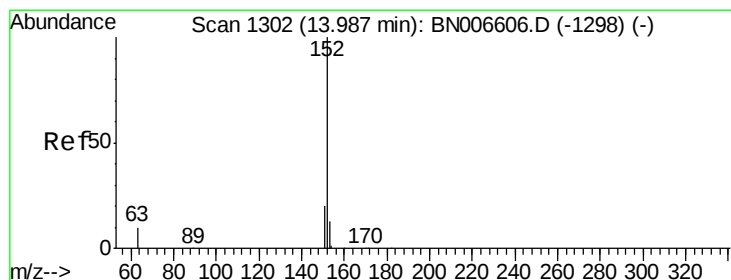
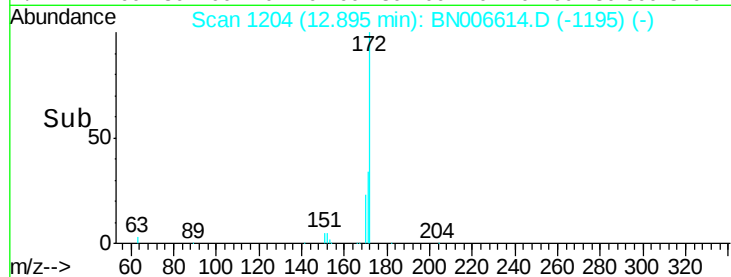
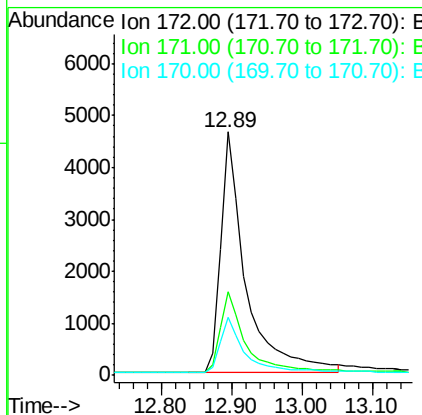
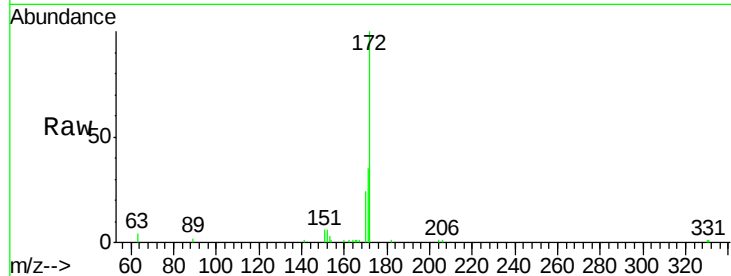




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006614.D
Acq: 28 Jun 2019 15:48

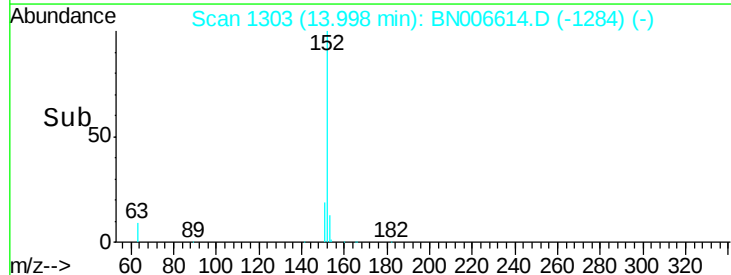
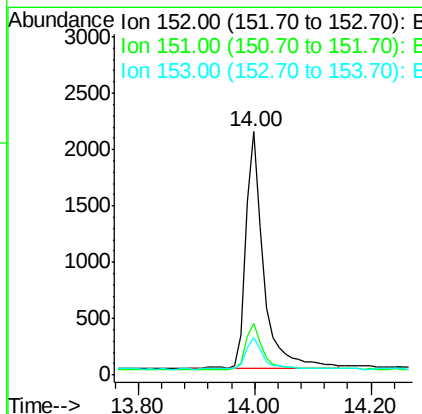
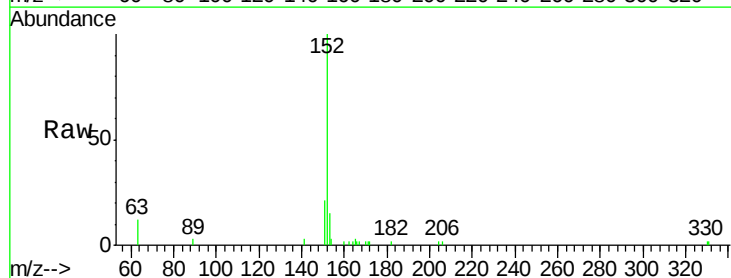
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

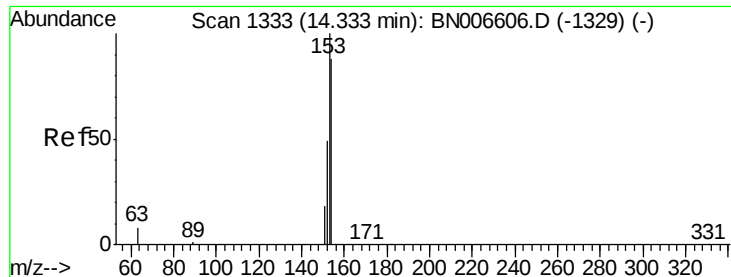
Tgt Ion:172 Resp: 11739
Ion Ratio Lower Upper
172 100
171 34.5 27.0 40.4
170 23.7 17.7 26.5



#16
Acenaphthylene
Concen: 0.115 ng
RT: 14.00 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BN006614.D
Acq: 28 Jun 2019 15:48

Tgt Ion:152 Resp: 4495
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.122 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

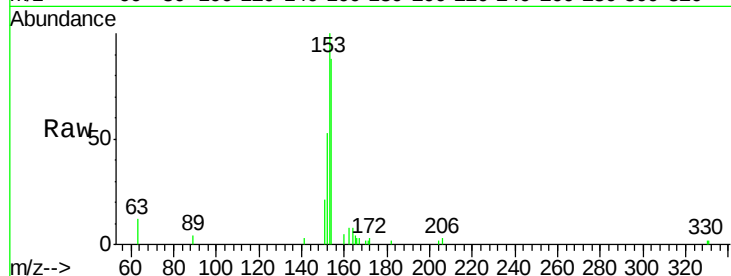
Tgt Ion:154 Resp: 3154

Ion Ratio Lower Upper

154 100

153 113.9 90.2 135.4

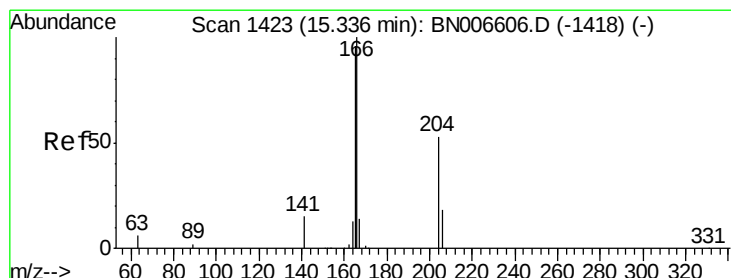
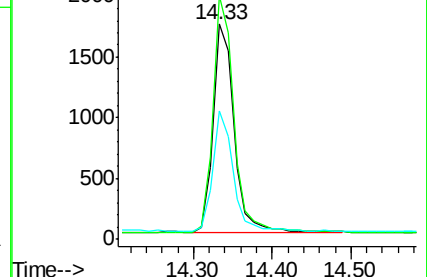
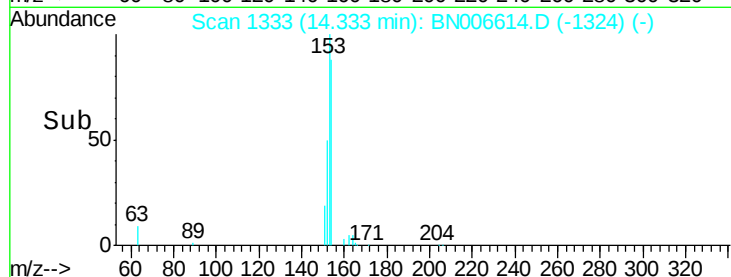
152 55.7 44.2 66.4



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: 0.119 ng

RT: 15.34 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

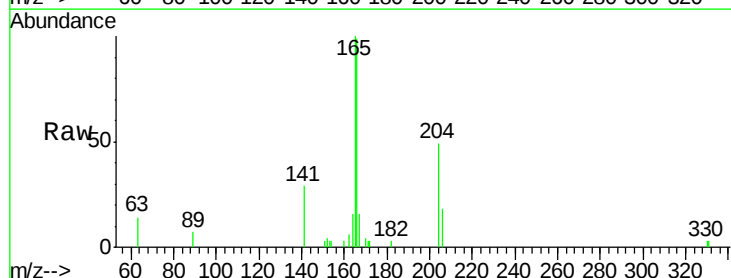
Tgt Ion:166 Resp: 3865

Ion Ratio Lower Upper

166 100

165 97.1 78.4 117.6

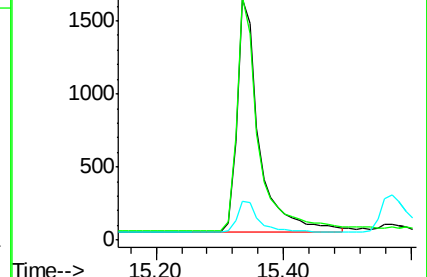
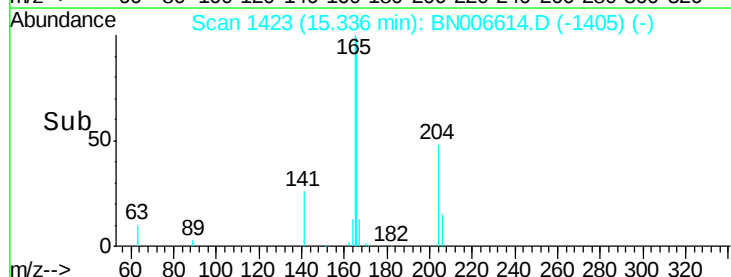
167 13.7 10.8 16.2

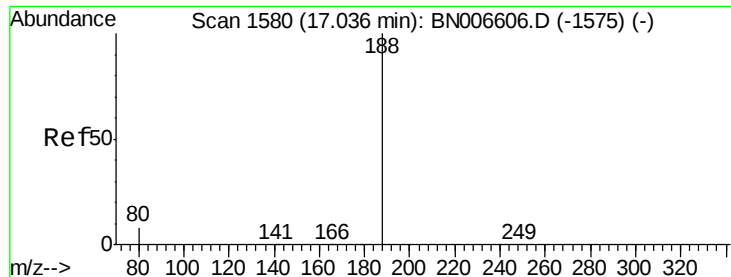


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.04 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

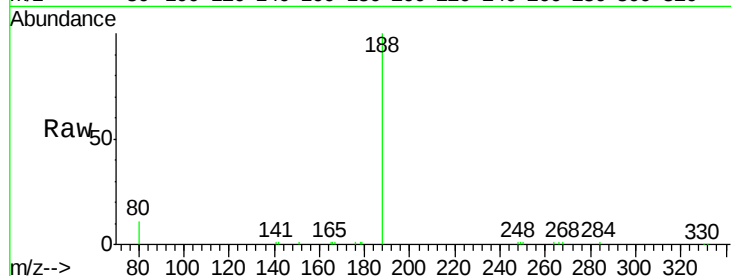
Tgt Ion:188 Resp: 19158

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

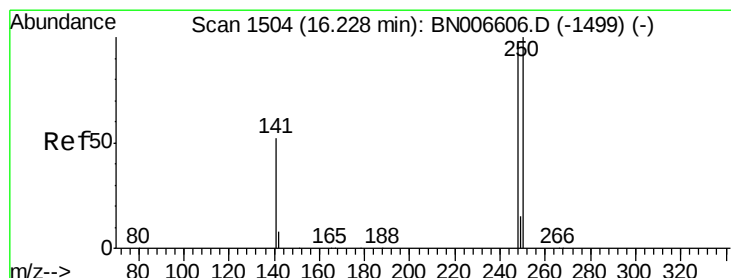
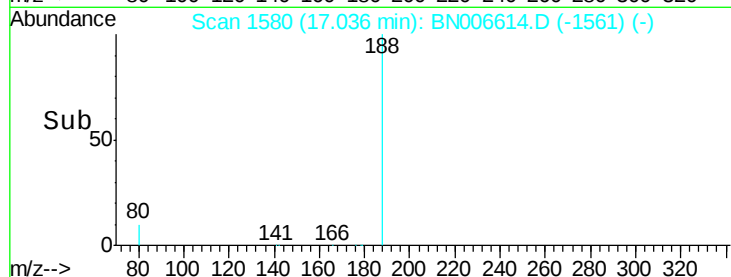
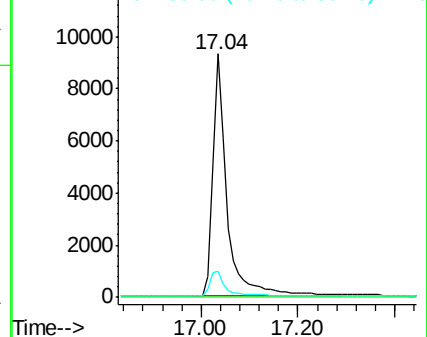
80 10.8 7.1 10.7#



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: 0.106 ng

RT: 16.24 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

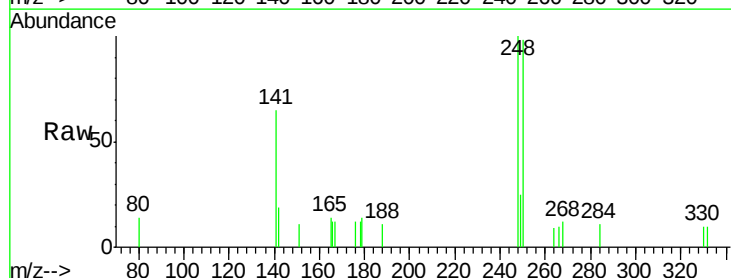
Tgt Ion:248 Resp: 1121

Ion Ratio Lower Upper

248 100

250 98.3 82.2 123.4

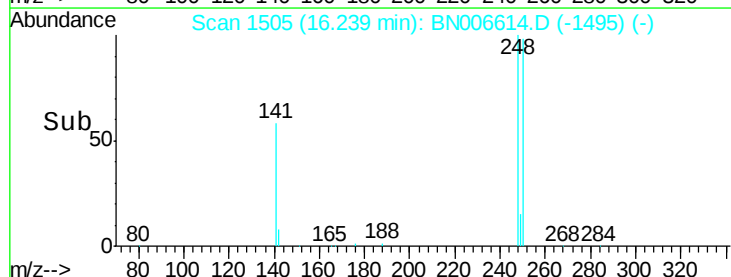
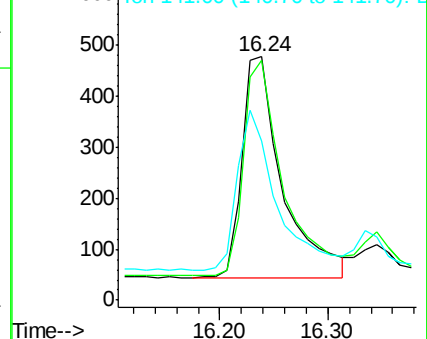
141 65.3 43.8 65.8

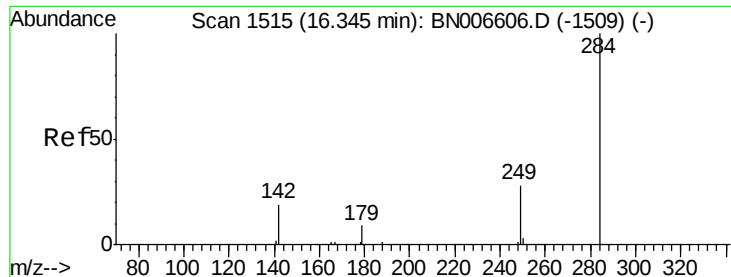


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.122 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

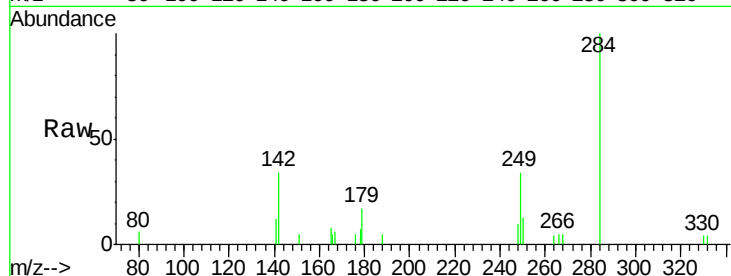
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

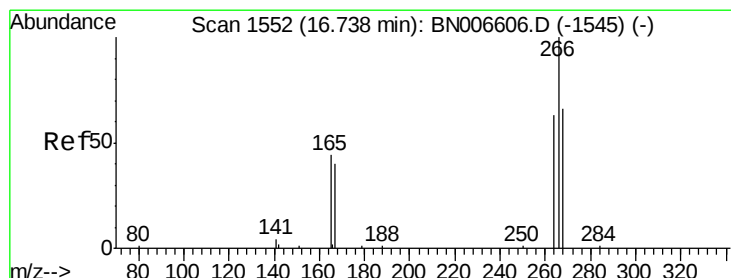
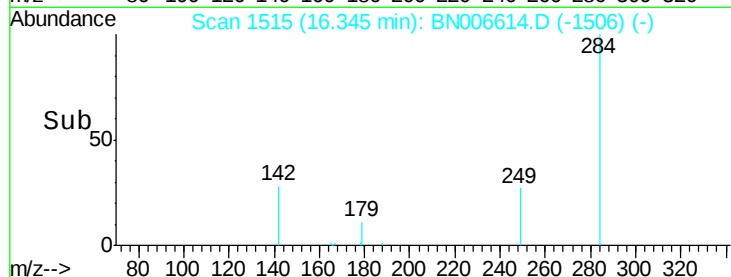
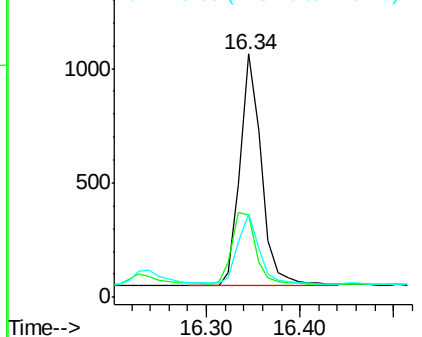
Tgt Ion:	284	Resp:	1630
Ion	Ratio	Lower	Upper
284	100		
142	35.2	27.5	41.3
249	29.3	24.7	37.1



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: 0.263 ng

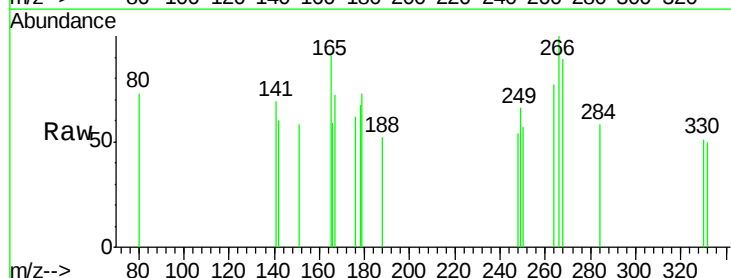
RT: 16.77 min Scan# 1555

Delta R.T. 0.03 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

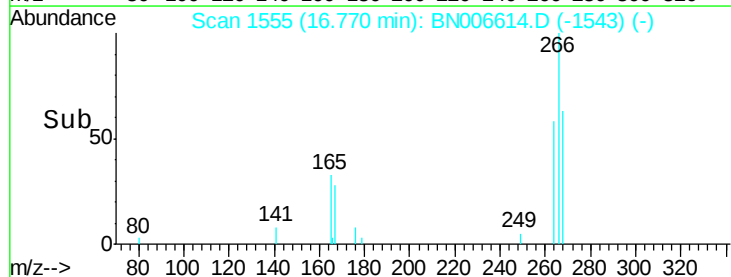
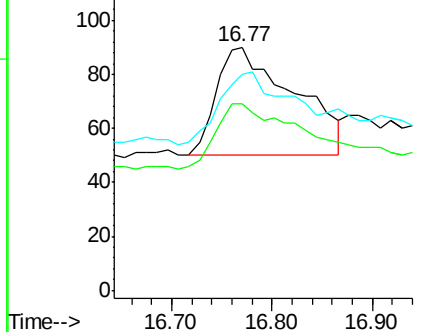
Tgt Ion:	266	Resp:	217
Ion	Ratio	Lower	Upper
266	100		
264	76.7	56.2	84.4
268	88.9	63.0	94.4

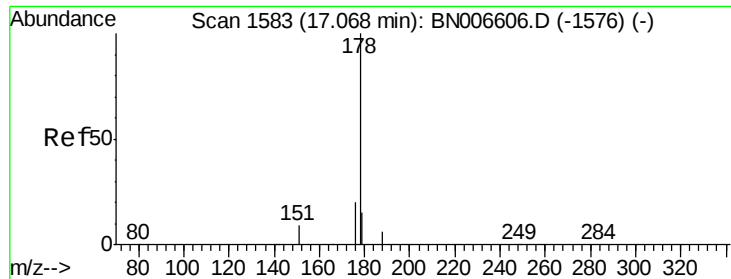


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.118 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

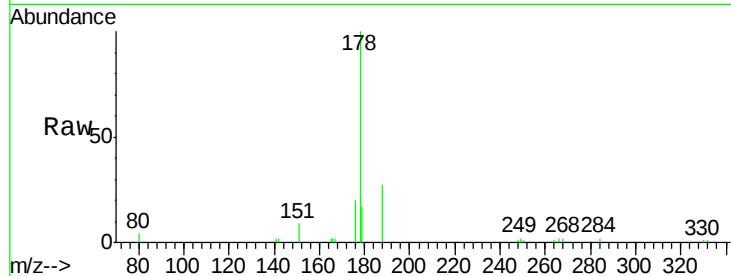
Tgt Ion:178 Resp: 6451

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

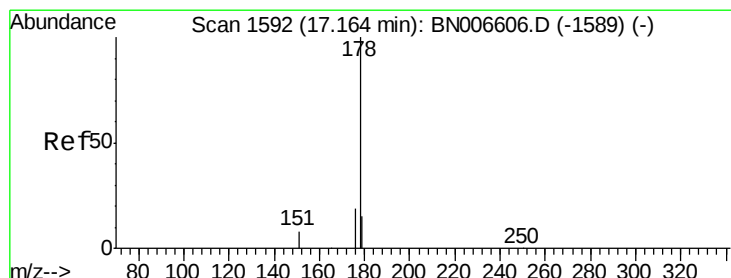
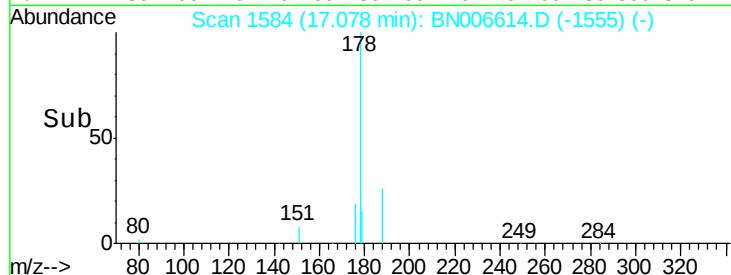
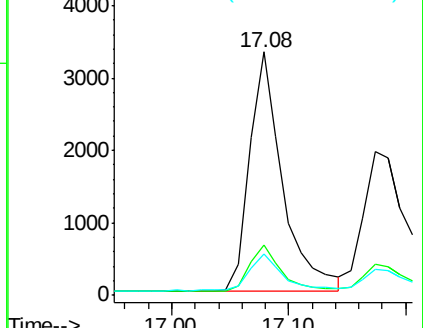
179 15.7 12.2 18.4



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



#24

Anthracene

Concen: 0.106 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

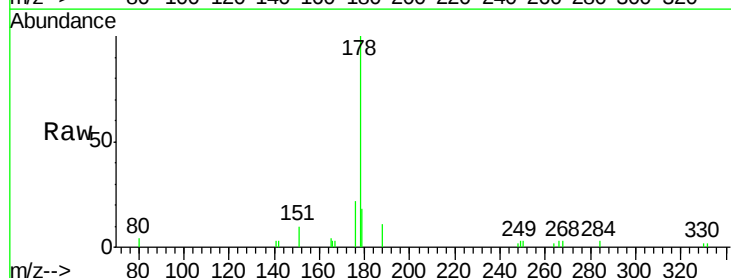
Tgt Ion:178 Resp: 5026

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

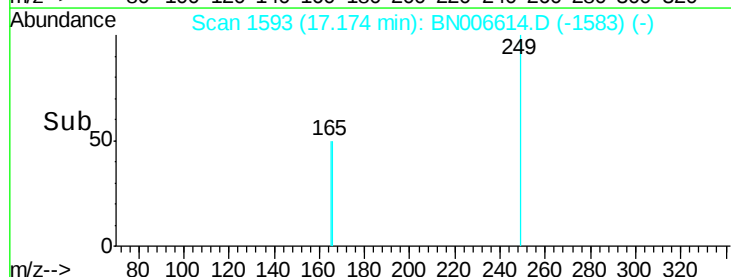
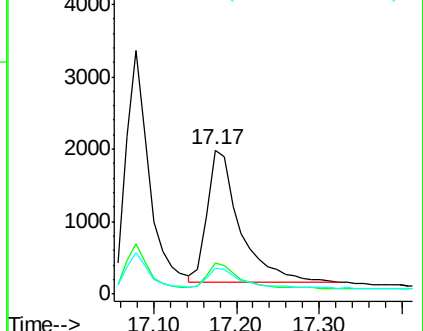
179 15.3 12.2 18.2

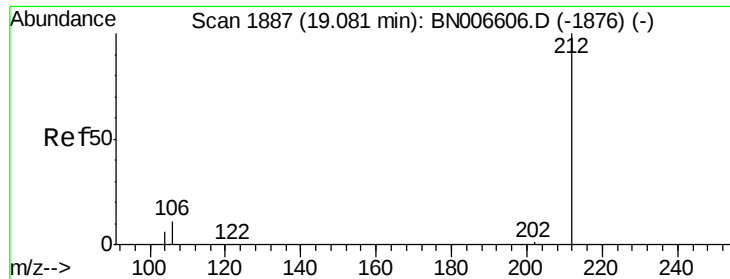


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

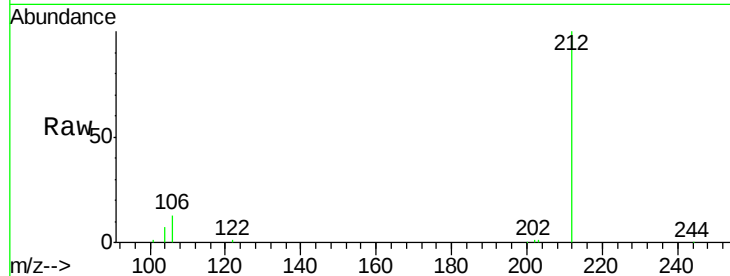
Tgt Ion:212 Resp: 22277

Ion Ratio Lower Upper

212 100

106 13.1 10.6 15.8

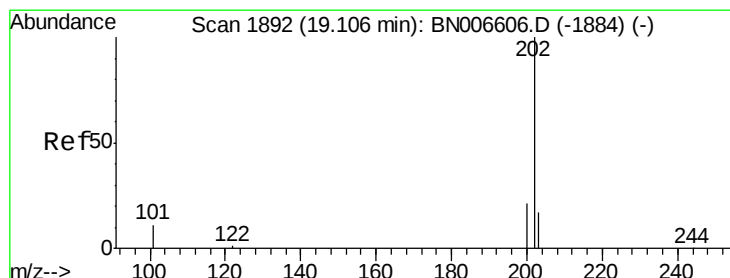
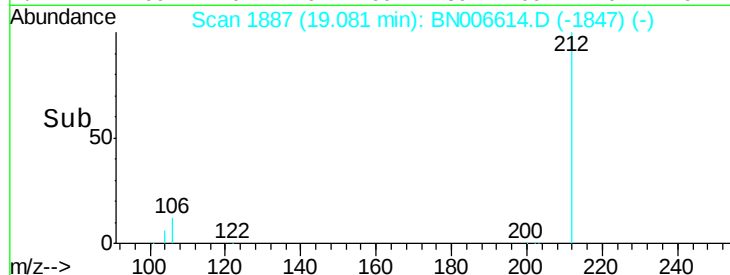
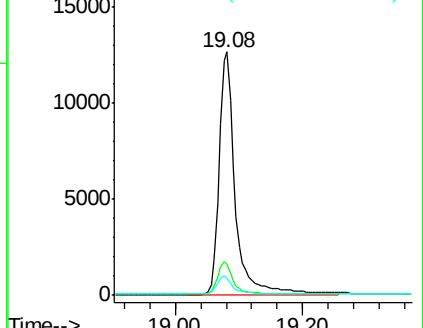
104 7.4 5.8 8.6



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: 0.127 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

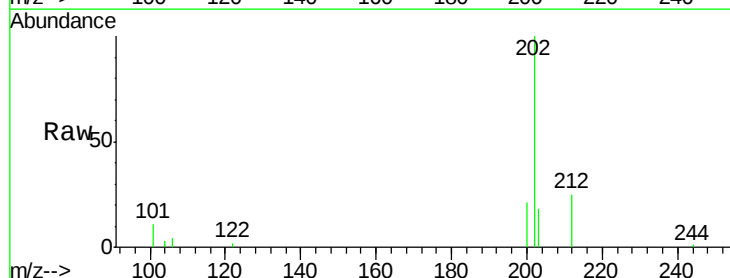
Tgt Ion:202 Resp: 8426

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

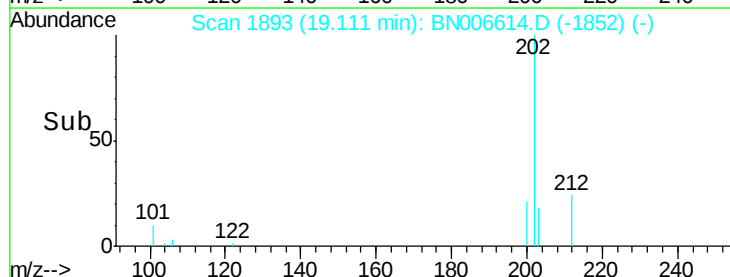
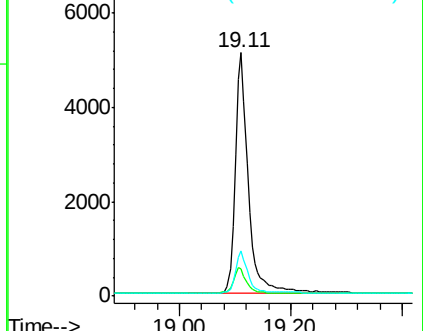
203 17.0 13.6 20.4

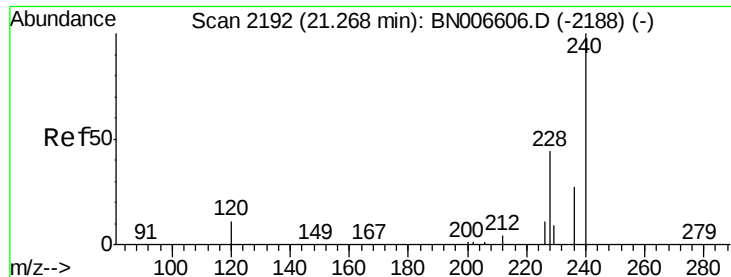


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.26 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

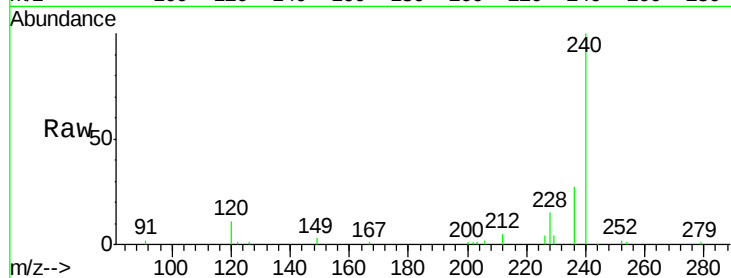
Tgt Ion:240 Resp: 18944

Ion Ratio Lower Upper

240 100

120 10.6 9.9 14.9

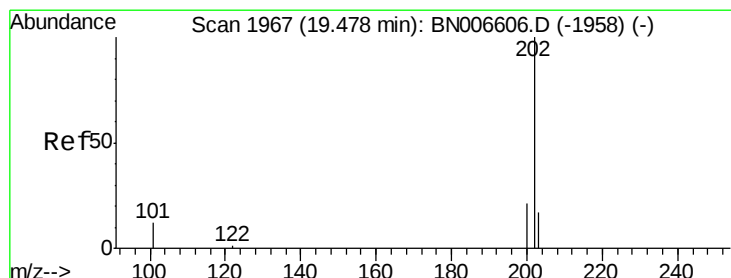
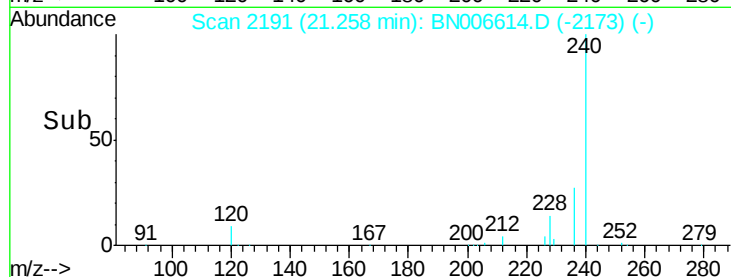
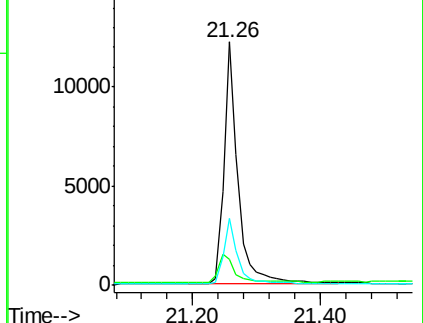
236 27.4 22.2 33.4



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: 0.130 ng

RT: 19.48 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

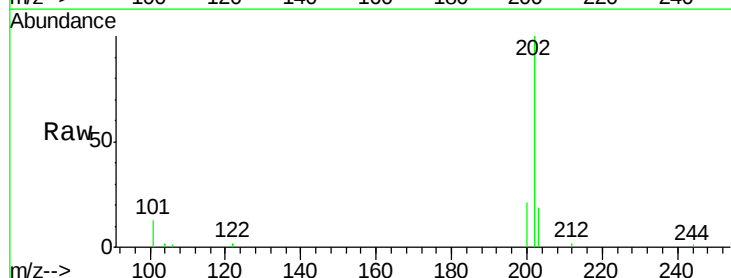
Tgt Ion:202 Resp: 8599

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

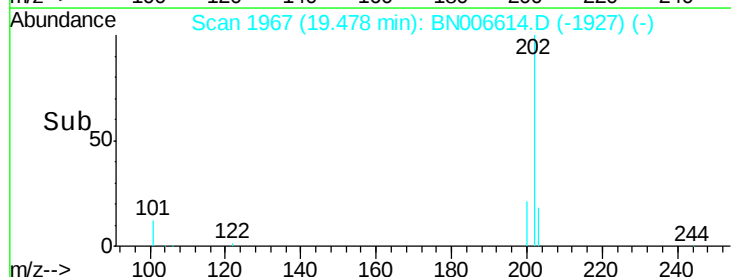
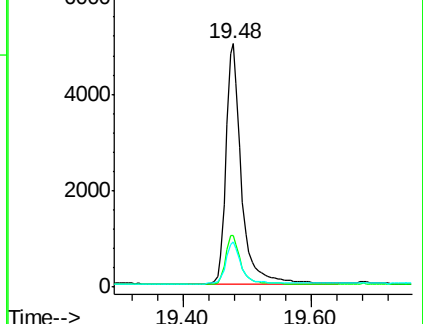
203 17.9 14.1 21.1

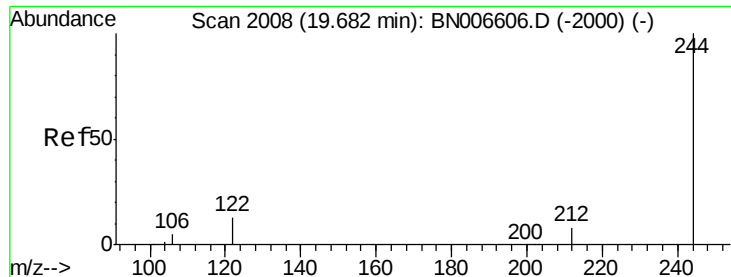


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.419 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

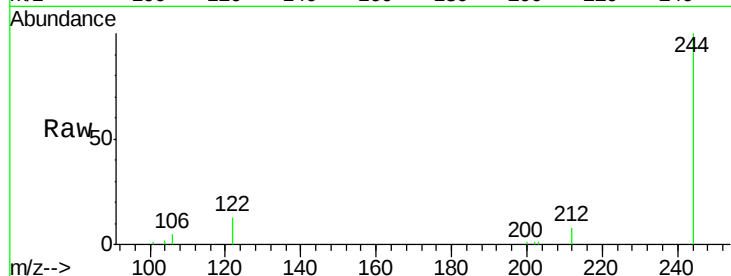
Tgt Ion:244 Resp: 16628

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

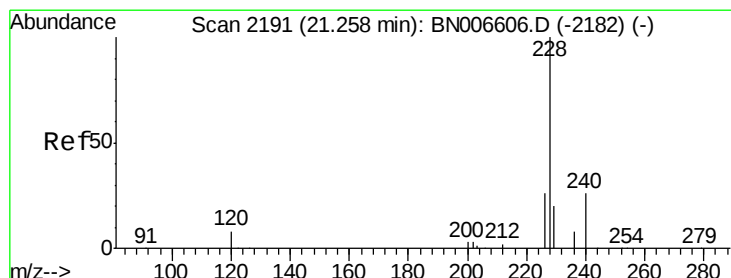
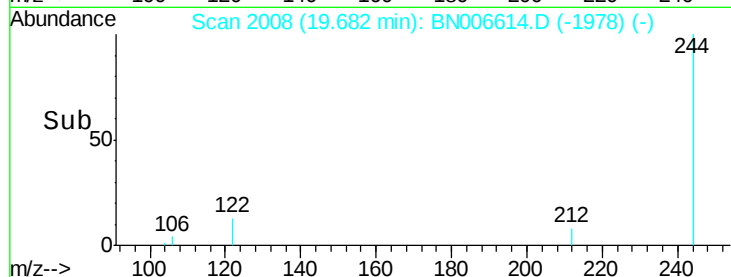
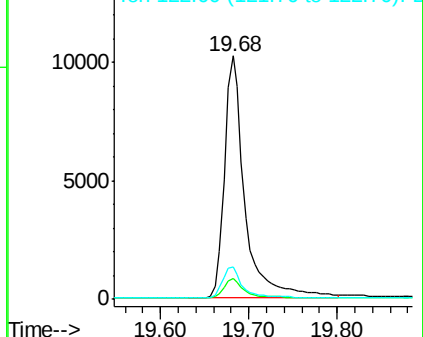
122 13.2 11.0 16.6



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: 0.112 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

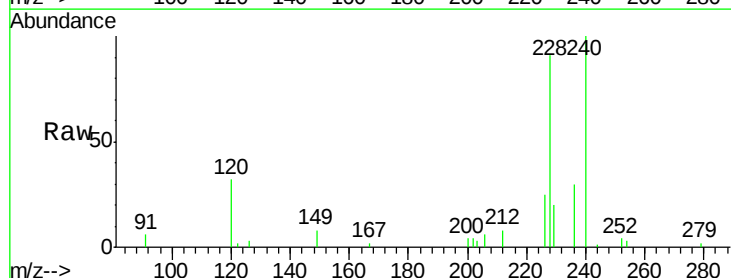
Tgt Ion:228 Resp: 6949

Ion Ratio Lower Upper

228 100

226 27.5 21.2 31.8

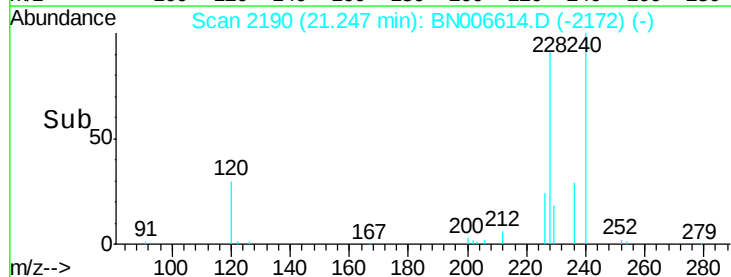
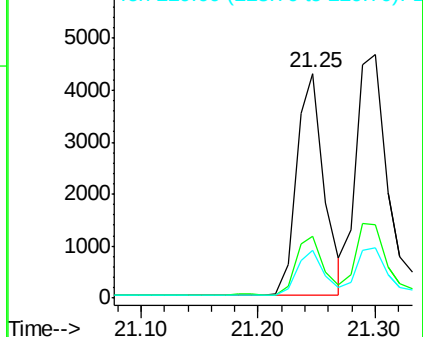
229 21.4 16.1 24.1

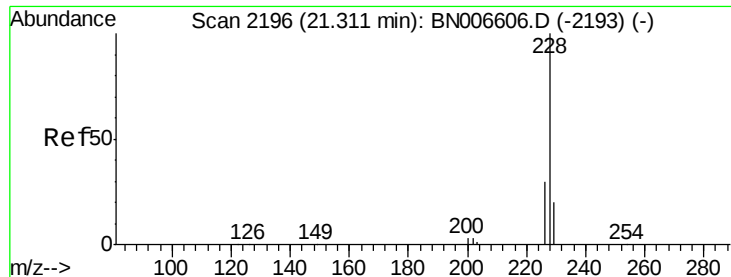


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.128 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

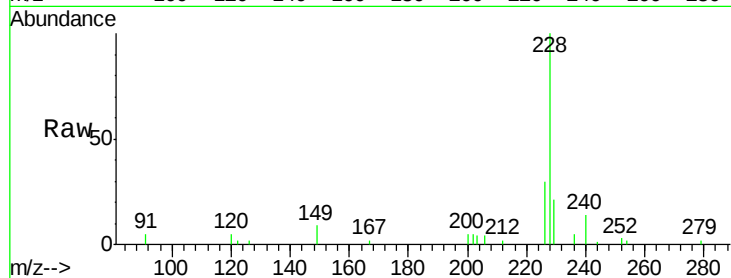
Tgt Ion:228 Resp: 8541

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

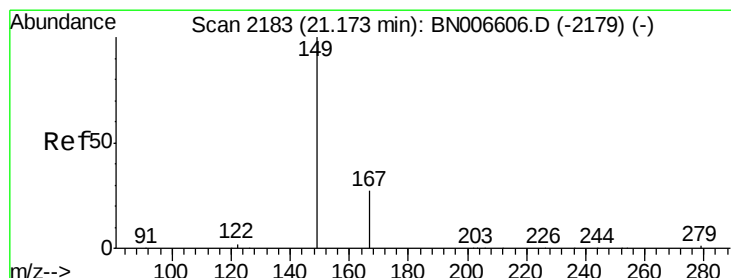
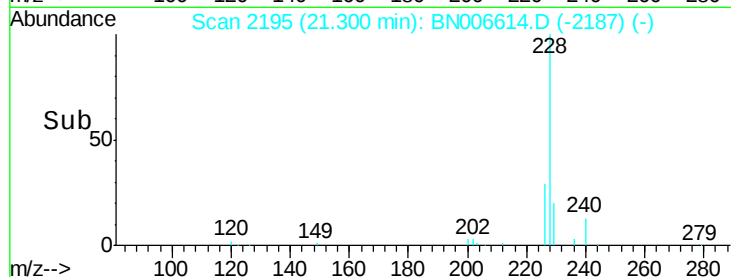
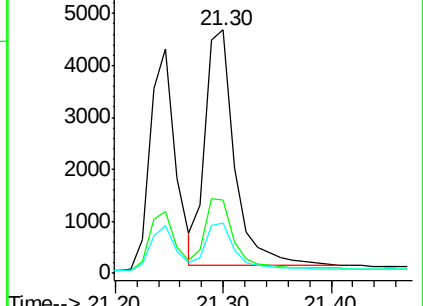
229 20.7 15.9 23.9



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: 0.094 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

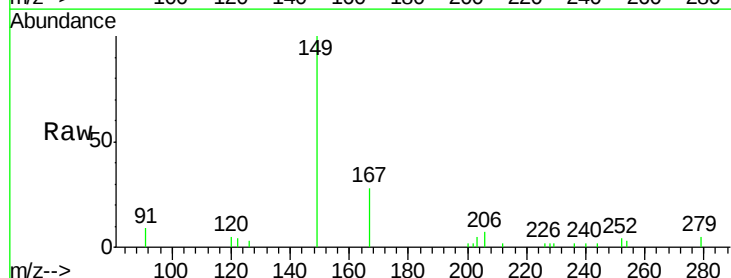
Tgt Ion:149 Resp: 2926

Ion Ratio Lower Upper

149 100

167 29.8 22.9 34.3

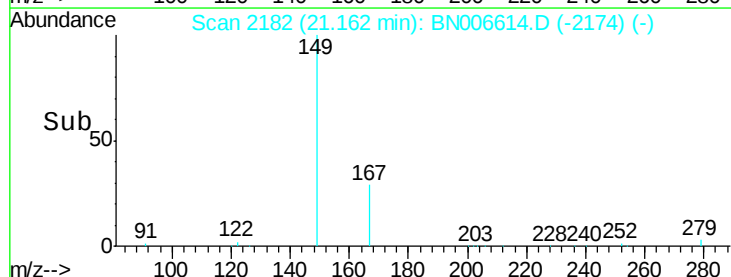
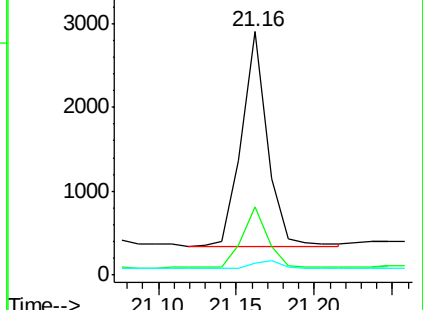
279 4.2 3.3 4.9

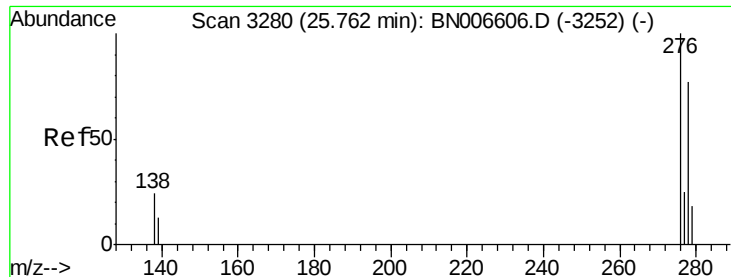


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.130 ng

RT: 25.73 min Scan# 3272

Delta R.T. -0.03 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

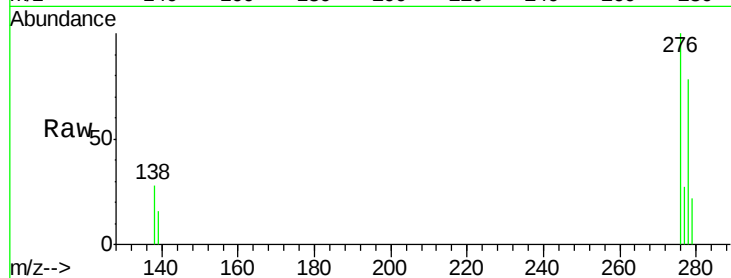
Tgt Ion:276 Resp: 8761

Ion Ratio Lower Upper

276 100

138 23.8 19.3 28.9

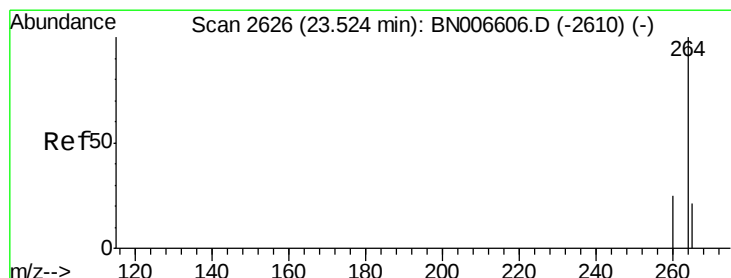
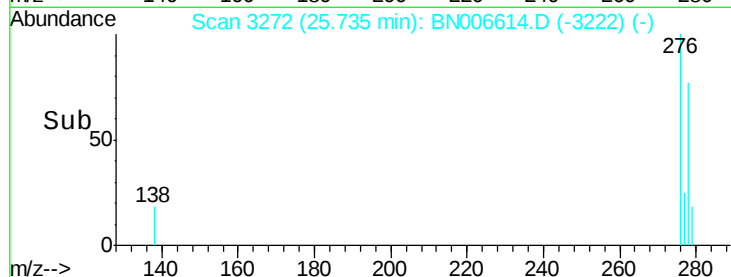
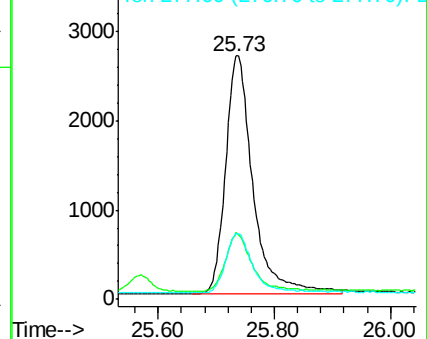
277 24.1 19.9 29.9



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: 23.50 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

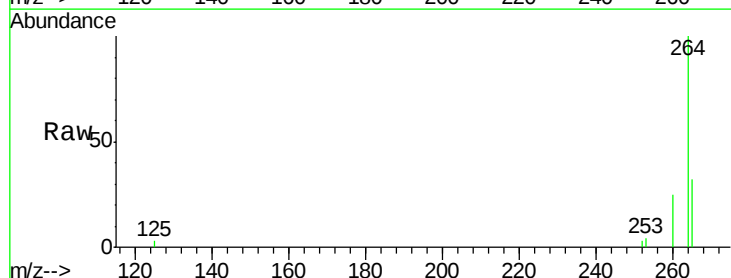
Tgt Ion:264 Resp: 20723

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

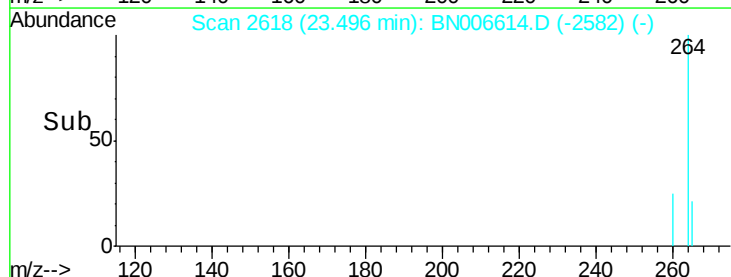
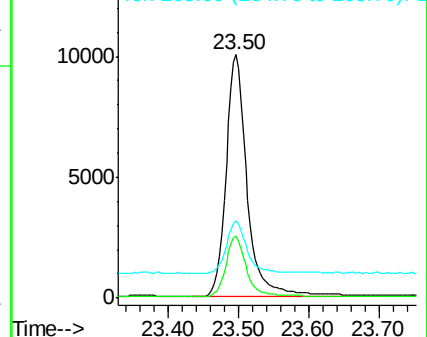
265 31.6 23.3 34.9

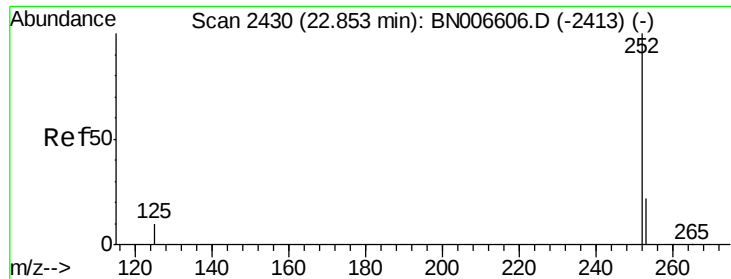


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.127 ng

RT: 22.83 min Scan# 2423

Delta R.T. -0.02 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

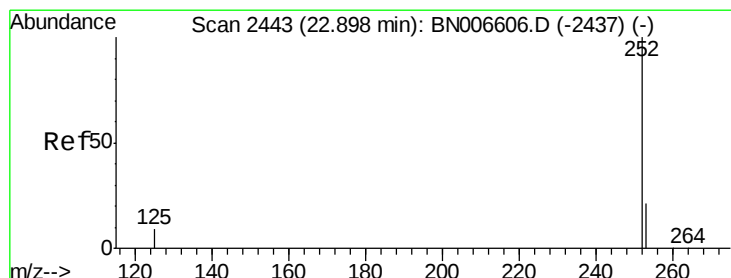
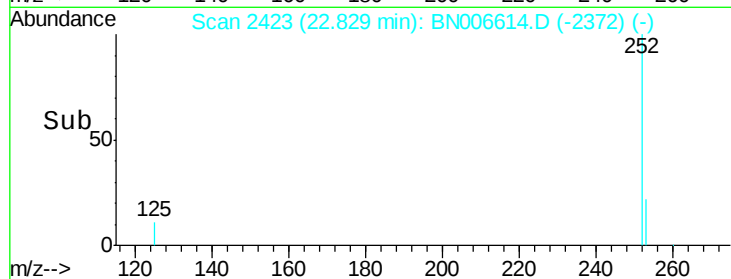
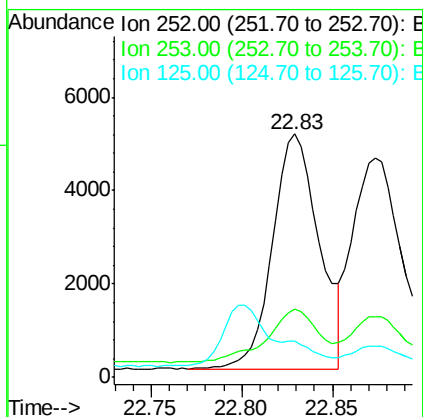
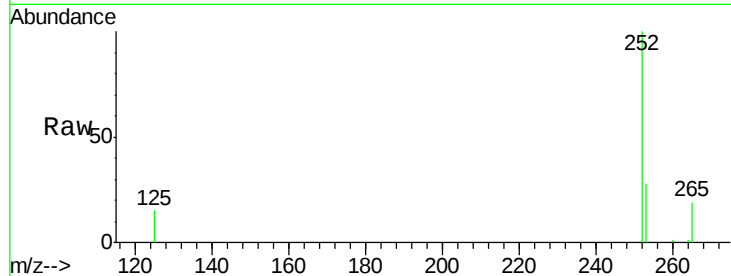
Tgt Ion:252 Resp: 8964

Ion Ratio Lower Upper

252 100

253 27.8 18.4 27.6#

125 14.8 8.7 13.1#



#36

Benzo(k)fluoranthene

Concen: 0.128 ng

RT: 22.87 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

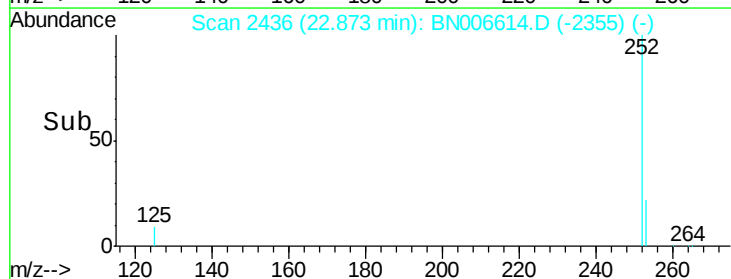
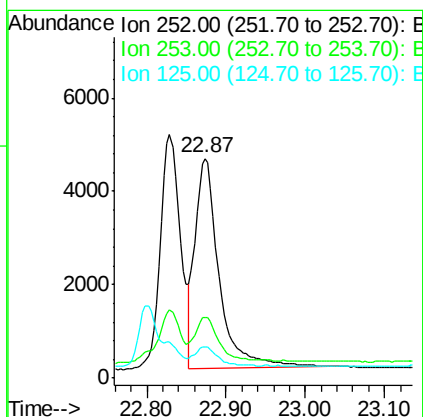
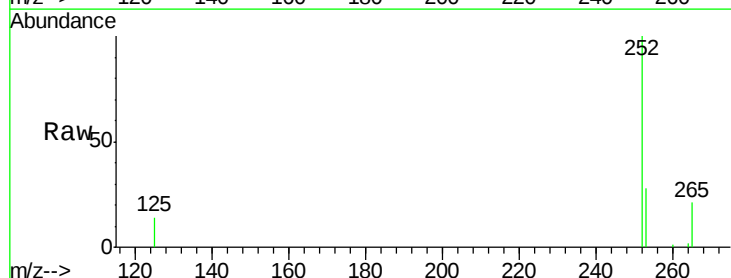
Tgt Ion:252 Resp: 9595

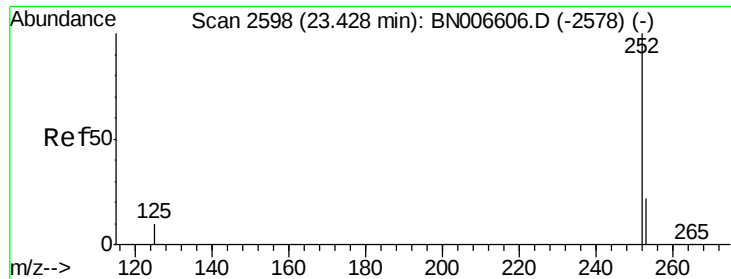
Ion Ratio Lower Upper

252 100

253 27.8 18.3 27.5#

125 14.1 8.4 12.6#





#37

Benzo(a)pyrene

Concen: 0.134 ng

RT: 23.40 min Scan# 2590

Delta R.T. -0.03 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

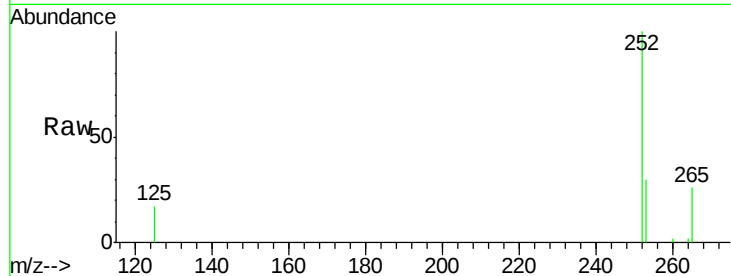
Tgt Ion:252 Resp: 8844

Ion Ratio Lower Upper

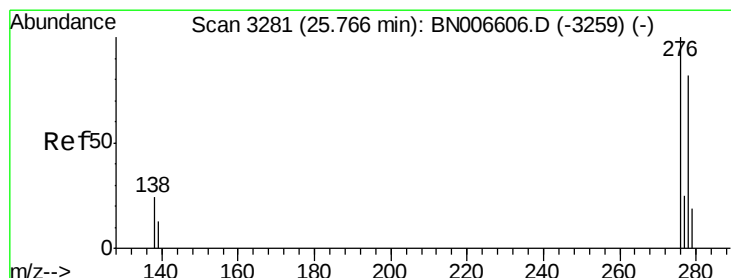
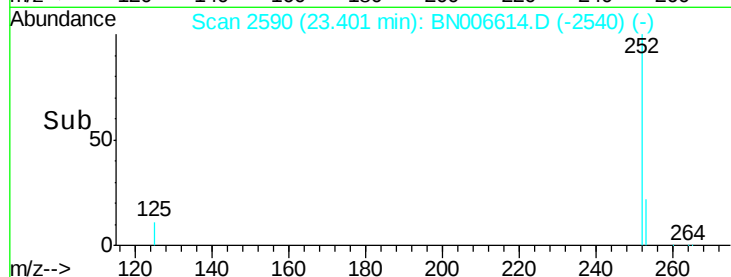
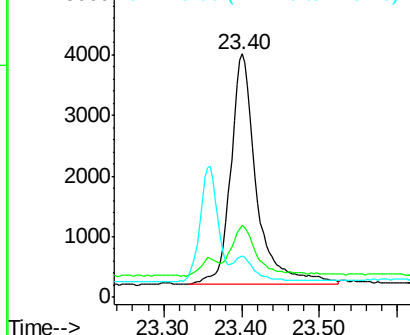
252 100

253 29.6 18.8 28.2#

125 16.9 9.4 14.2#



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: 0.123 ng

RT: 25.74 min Scan# 3274

Delta R.T. -0.02 min

Lab File: BN006614.D

Acq: 28 Jun 2019 15:48

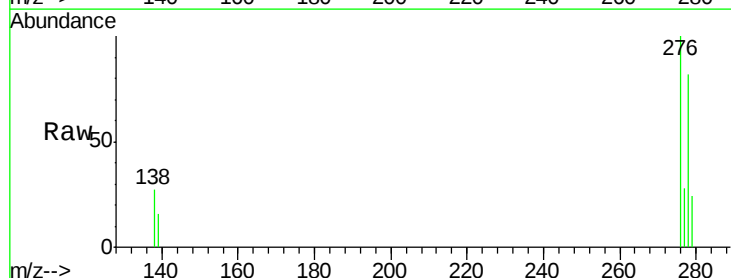
Tgt Ion:278 Resp: 7095

Ion Ratio Lower Upper

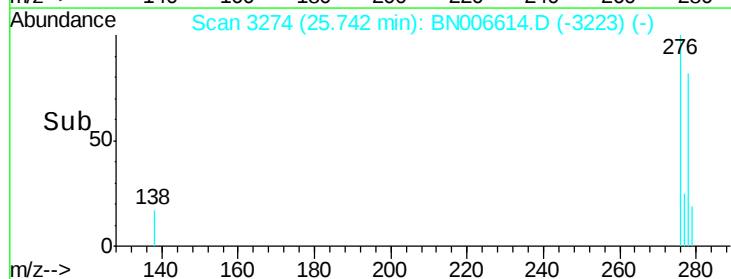
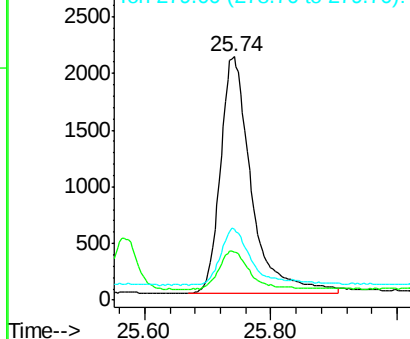
278 100

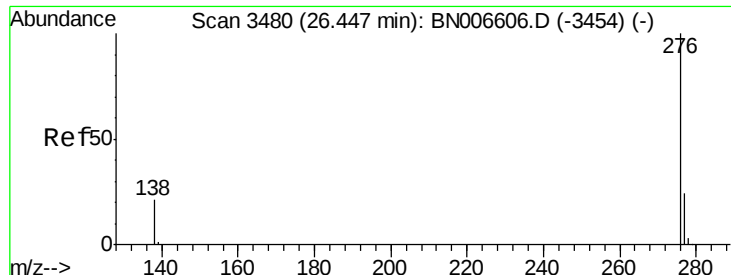
139 19.9 13.5 20.3

279 29.0 19.4 29.2



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: 0.127 ng

RT: 26.42 min Scan# 3472

Delta R.T. -0.03 min

Lab File: BN006614.D

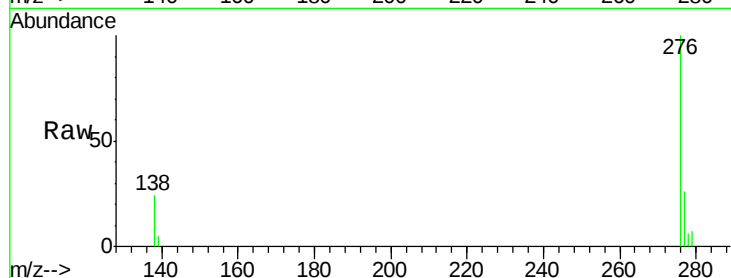
Acq: 28 Jun 2019 15:48

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019



Tgt Ion: 276 Resp: 7300

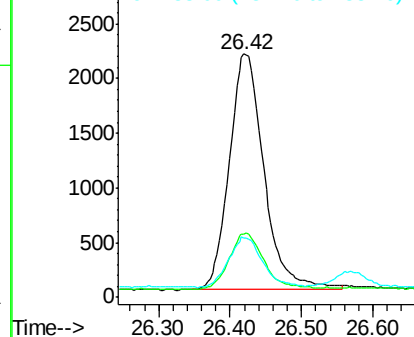
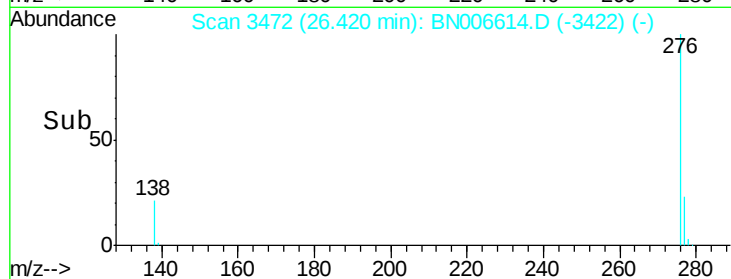
Ion Ratio Lower Upper

276 100

277 26.0 19.6 29.4

138 24.2 17.7 26.5

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



Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006614.D
 Acq On : 28 Jun 2019 15:48
 Operator : HP/JU
 Sample : K2241-07
 Misc : LOD-W-0.1PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Quant Time: Jun 29 01:10:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3045	0.40	ng	0.00
7) Naphthalene-d8	10.41	136	12516	0.40	ng	0.01
13) Acenaphthene-d10	14.28	164	8223	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	19158	0.40	ng	0.00
27) Chrysene-d12	21.26	240	18944	0.40	ng	-0.01
34) Perylene-d12	23.50	264	20723	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	2698	0.36	ng	0.00
5) Phenol-d6	6.85	99	3328	0.34	ng	0.02
8) Nitrobenzene-d5	8.82	82	2636	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	12.01	152	7810	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	1190	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.89	172	11739	0.39	ng	0.00
25) Fluoranthene-d10	19.08	212	22277	0.40	ng	0.00
29) Terphenyl-d14	19.68	244	16628	0.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	618	0.147	ng	94
3) n-Nitrosodimethylamine	3.54	42	202	0.061	ng	# 96
6) bis(2-Chloroethyl)ether	7.09	93	861	0.098	ng	# 85
9) Naphthalene	10.45	128	4164	0.127	ng	# 92
10) Hexachlorobutadiene	10.73	225	848	0.125	ng	# 98
12) 2-Methylnaphthalene	12.09	142	2857	0.126	ng	97
16) Acenaphthylene	14.00	152	4495	0.115	ng	100
17) Acenaphthene	14.33	154	3154	0.122	ng	99
18) Fluorene	15.34	166	3865	0.119	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	1121	0.106	ng	92
21) Hexachlorobenzene	16.34	284	1630	0.122	ng	98
22) Pentachlorophenol	16.77	266	217	0.263	ng	90
23) Phenanthrene	17.08	178	6451	0.118	ng	99
24) Anthracene	17.17	178	5026	0.106	ng	100
26) Fluoranthene	19.11	202	8426	0.127	ng	100
28) Pyrene	19.48	202	8599	0.130	ng	100
30) Benzo(a)anthracene	21.25	228	6949	0.112	ng	98
31) Chrysene	21.30	228	8541	0.128	ng	99
32) Bis(2-ethylhexyl)phthalate	21.16	149	2926	0.094	ng	98
33) Indeno(1,2,3-cd)pyrene	25.73	276	8761	0.130	ng	99
35) Benzo(b)fluoranthene	22.83	252	8964	0.127	ng	# 90
36) Benzo(k)fluoranthene	22.87	252	9595	0.128	ng	# 90
37) Benzo(a)pyrene	23.40	252	8844	0.134	ng	# 87
38) Dibenzo(a,h)anthracene	25.74	278	7095	0.123	ng	92
39) Benzo(g,h,i)perylene	26.42	276	7300	0.127	ng	96

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