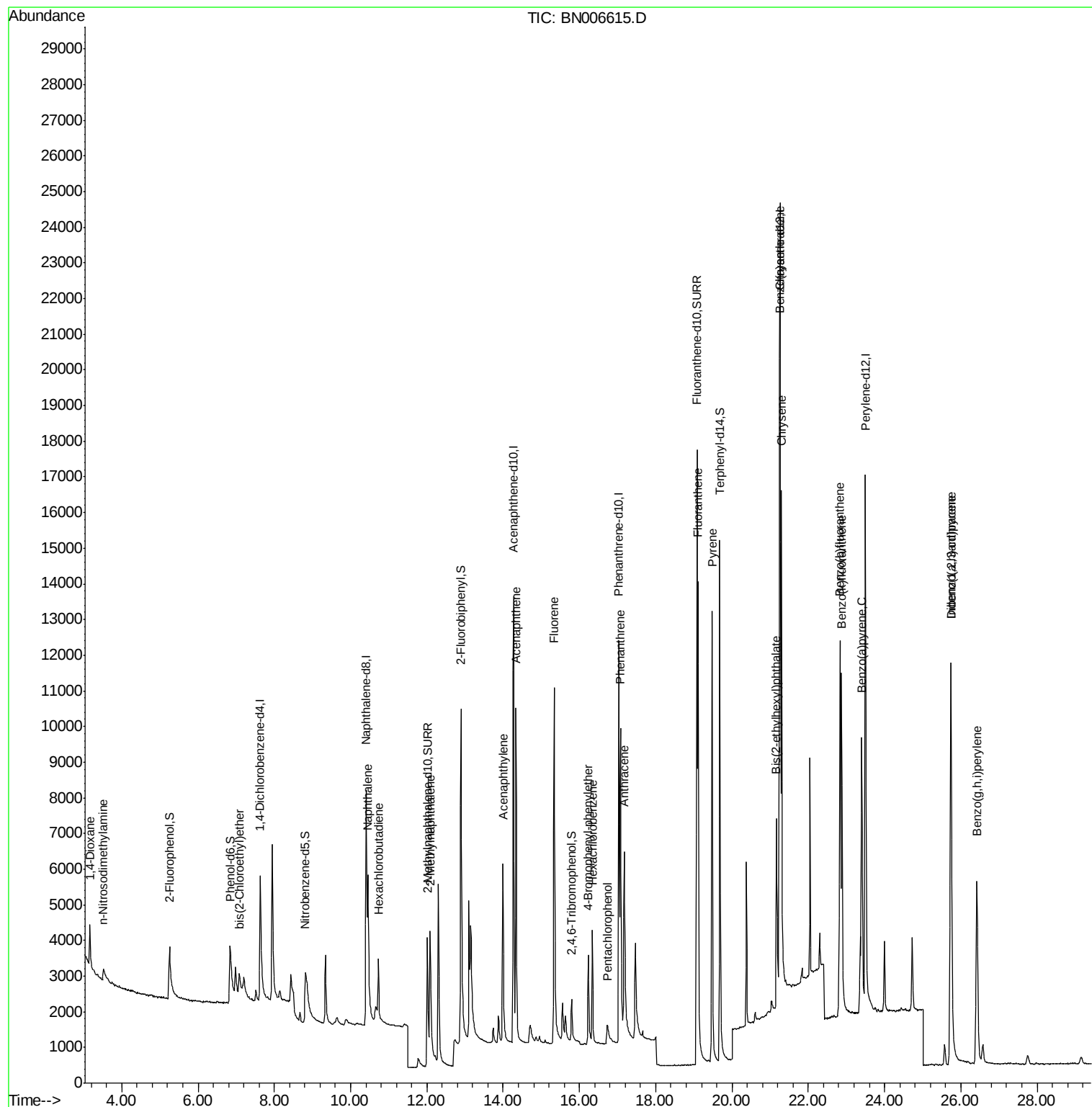
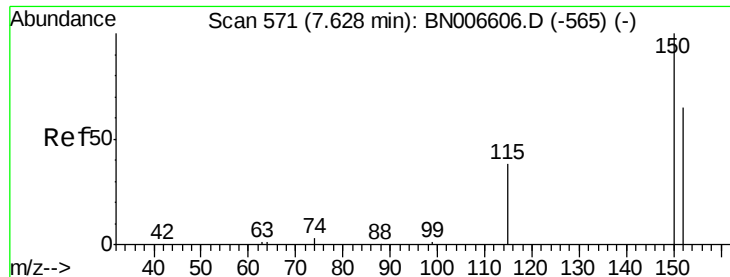


Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006615.D
Acq On : 28 Jun 2019 16:23
Operator : HP/JU
Sample : K2241-08
Misc : LOQ-W-0.2PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

Quant Time: Jun 28 17:03:24 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



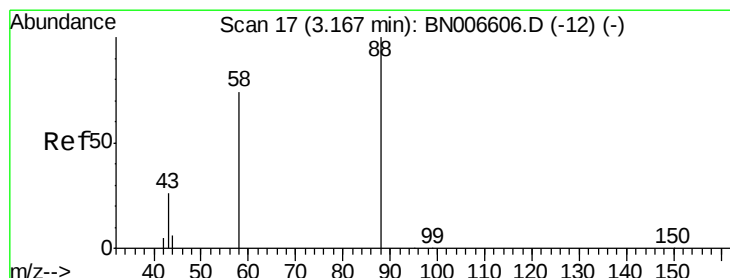
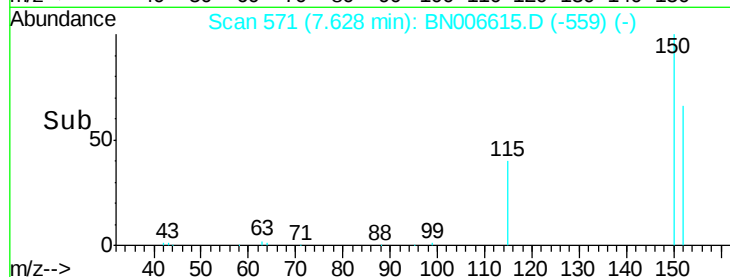
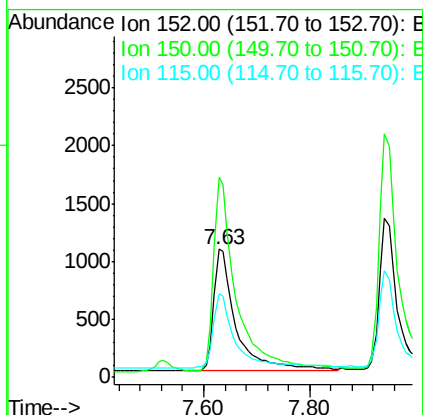
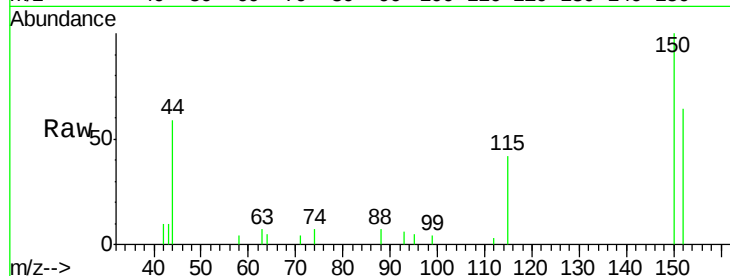


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006615.D
Acq: 28 Jun 2019 16:23

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

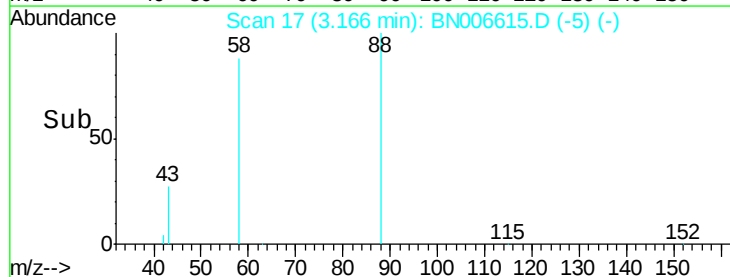
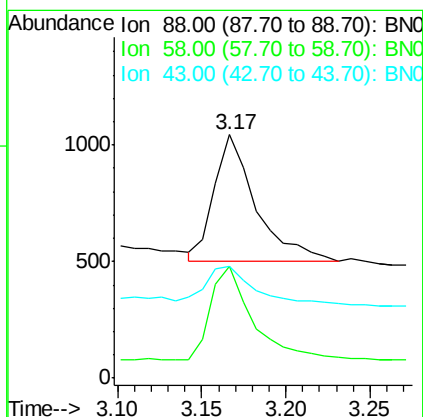
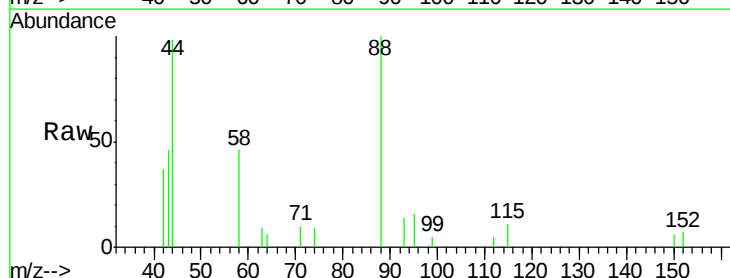
Tgt Ion: 152 Resp: 3128
Ion Ratio Lower Upper
152 100
150 155.7 122.2 183.2
115 65.2 50.0 75.0

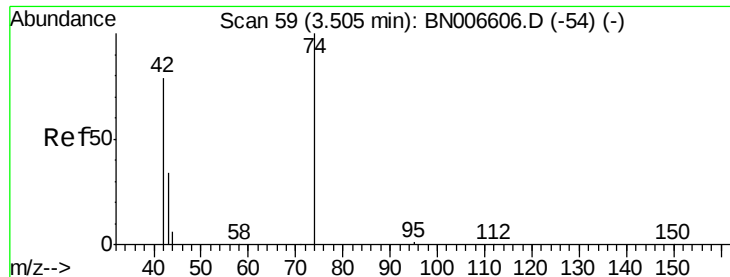


#2

1,4-Dioxane
Concen: 0.213 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006615.D
Acq: 28 Jun 2019 16:23

Tgt Ion: 88 Resp: 920
Ion Ratio Lower Upper
88 100
58 76.1 62.5 93.7
43 34.0 25.4 38.0

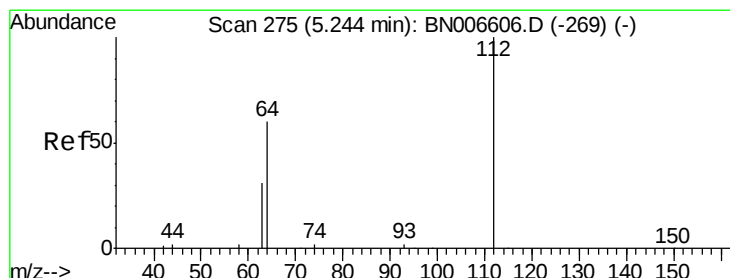
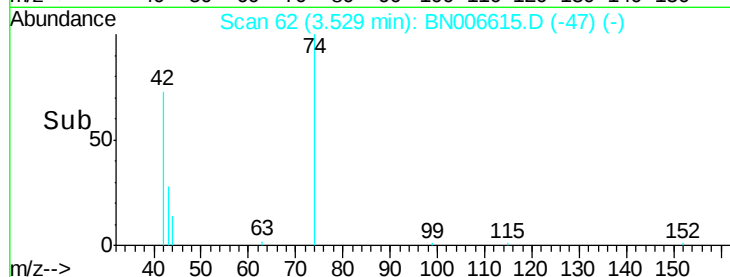
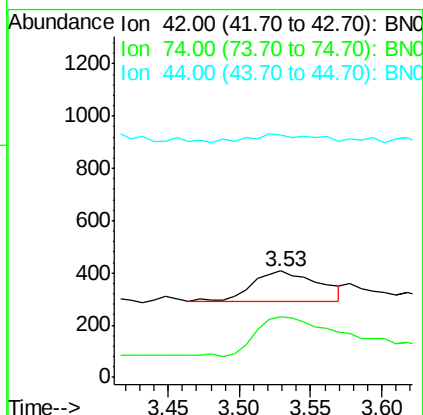
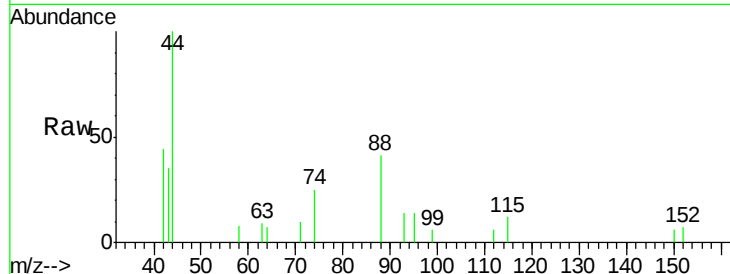




#3
n-Nitrosodimethylamine
Concen: 0.114 ng
RT: 3.53 min Scan# 62
Delta R.T. 0.02 min
Lab File: BN006615.D
Acq: 28 Jun 2019 16:23

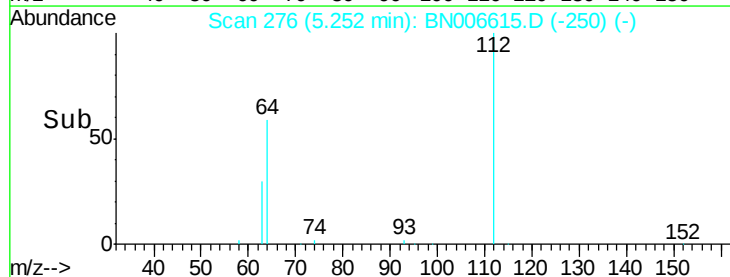
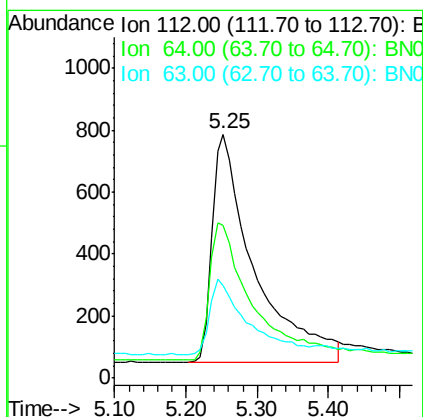
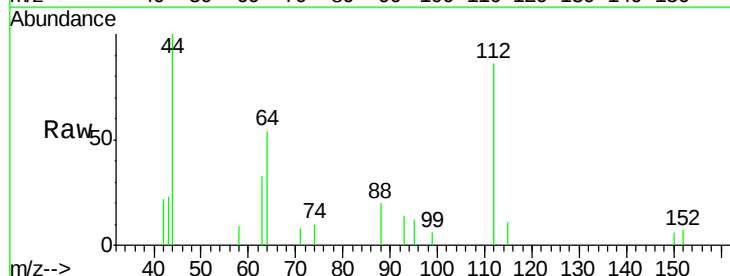
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

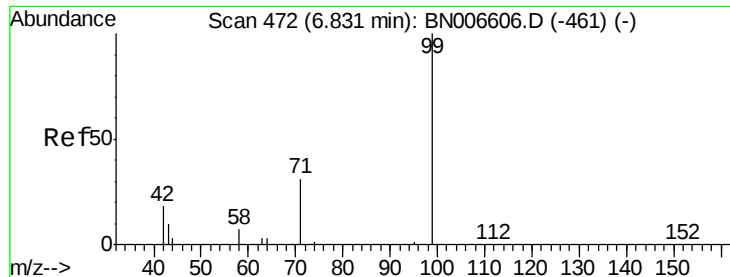
Tgt Ion: 42 Resp: 388
Ion Ratio Lower Upper
42 100
74 125.0 103.1 154.7
44 17.3 3.4 5.2#



#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.01 min
Lab File: BN006615.D
Acq: 28 Jun 2019 16:23

Tgt Ion: 112 Resp: 3029
Ion Ratio Lower Upper
112 100
64 61.7 48.9 73.3
63 29.3 24.3 36.5





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

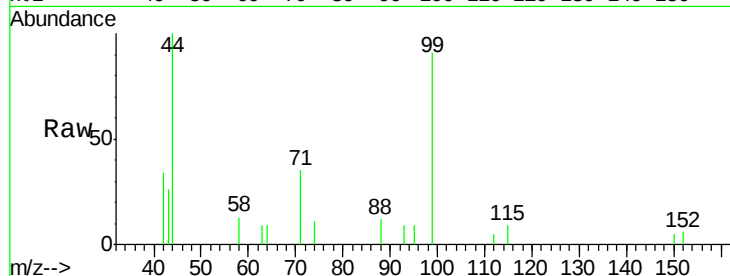
Tgt Ion: 99 Resp: 3894

Ion Ratio Lower Upper

99 100

42 22.2 16.4 24.6

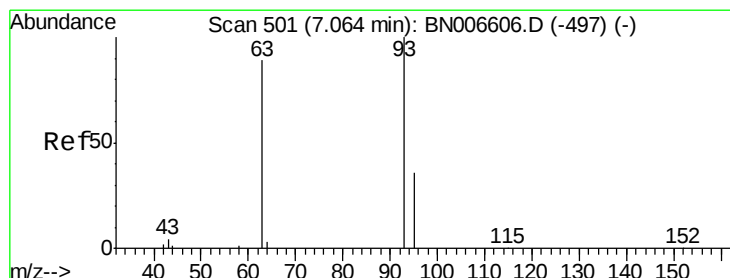
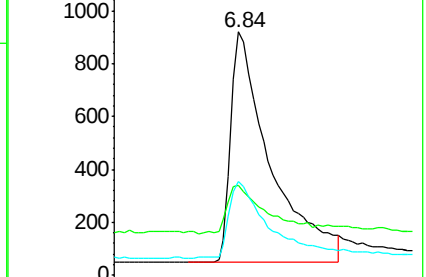
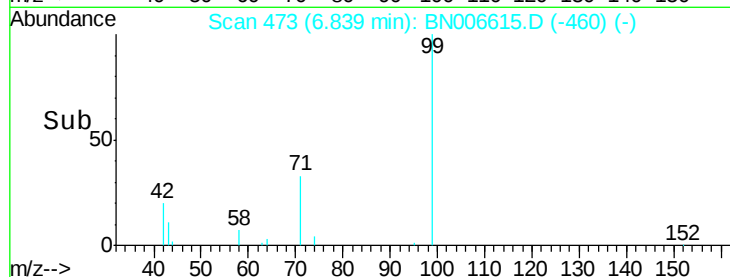
71 33.3 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006615.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006615.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006615.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.163 ng

RT: 7.08 min Scan# 503

Delta R.T. 0.02 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

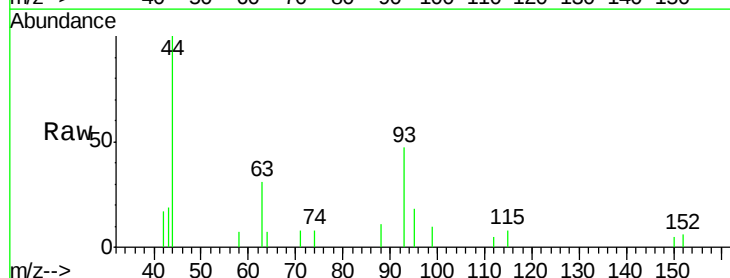
Tgt Ion: 93 Resp: 1479

Ion Ratio Lower Upper

93 100

63 64.6 52.5 78.7

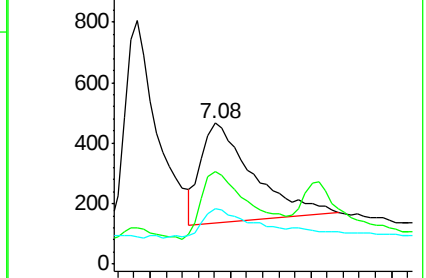
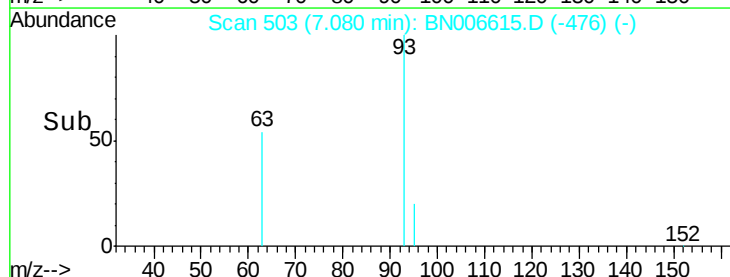
95 33.8 24.2 36.4

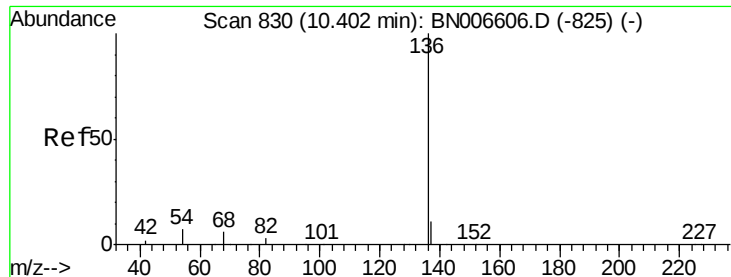


Abundance Ion 93.00 (92.70 to 93.70): BN006615.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006615.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006615.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tgt Ion:136 Resp: 13198

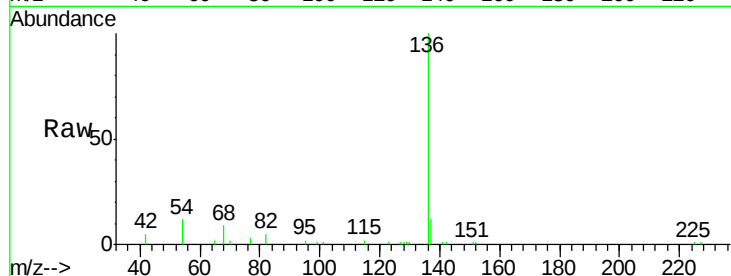
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 11.5 6.7 10.1#

68 8.6 5.3 7.9#

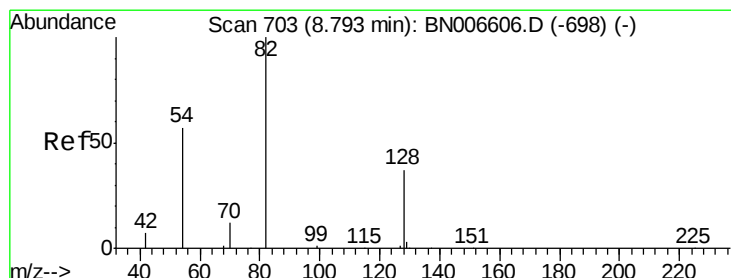
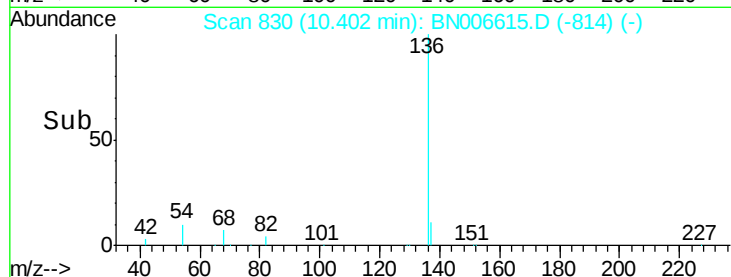
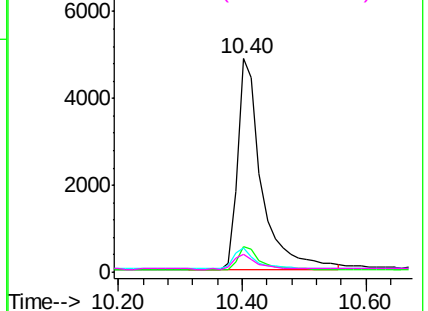


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.343 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

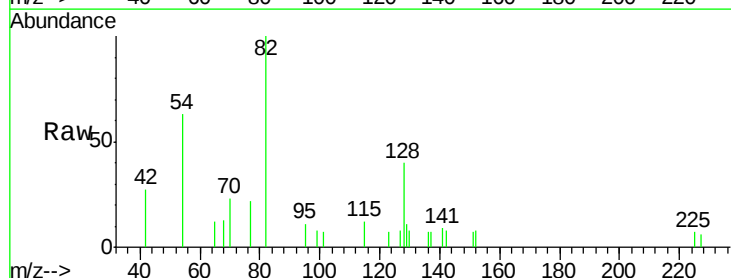
Tgt Ion: 82 Resp: 3046

Ion Ratio Lower Upper

82 100

128 40.0 32.6 49.0

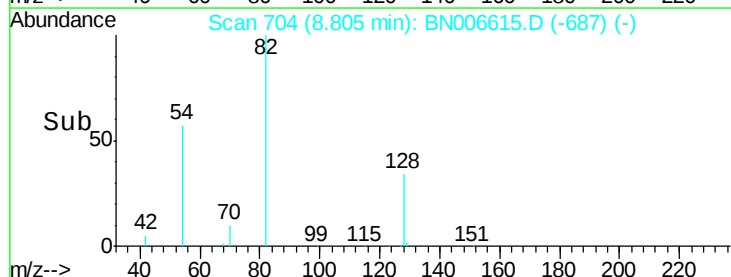
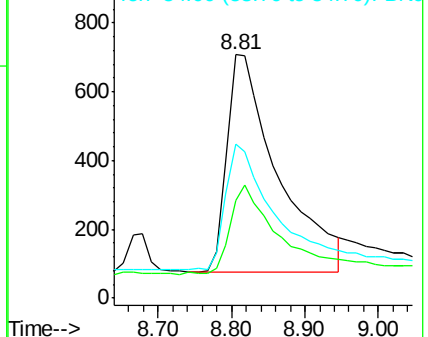
54 63.3 48.2 72.4

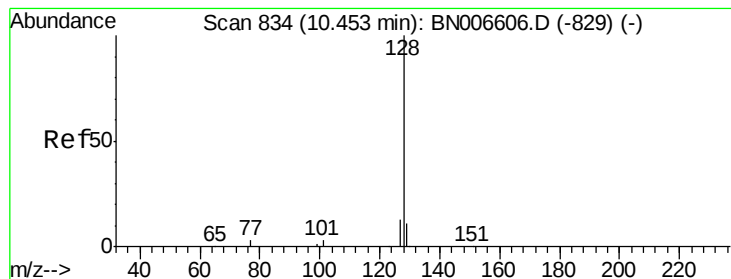


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.198 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

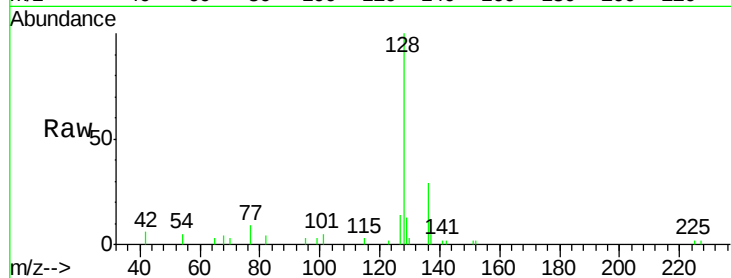
Tgt Ion:128 Resp: 6852

Ion Ratio Lower Upper

128 100

129 12.9 9.3 13.9

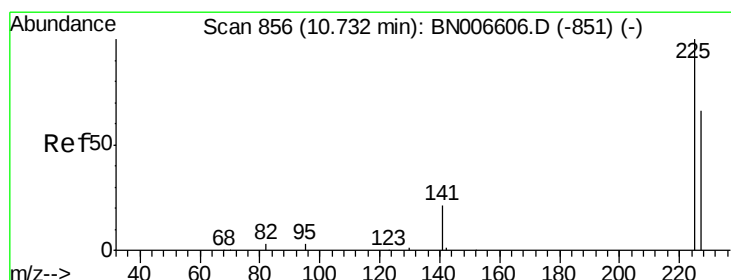
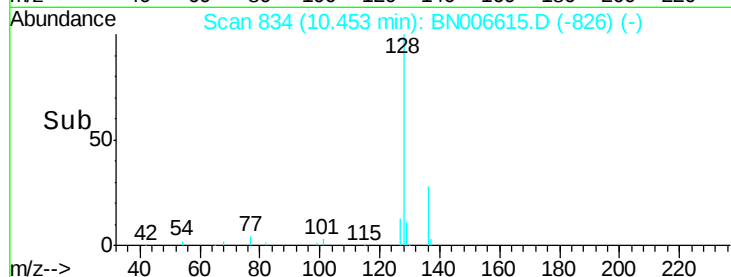
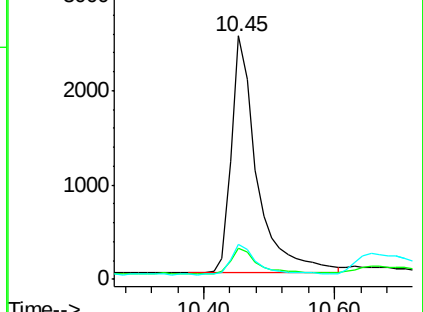
127 14.5 10.8 16.2



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: 0.192 ng

RT: 10.73 min Scan# 856

Delta R.T. -0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

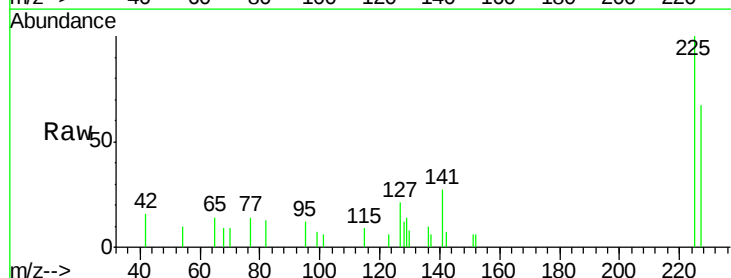
Tgt Ion:225 Resp: 1371

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

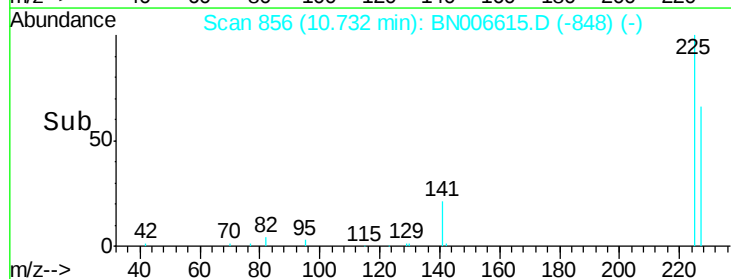
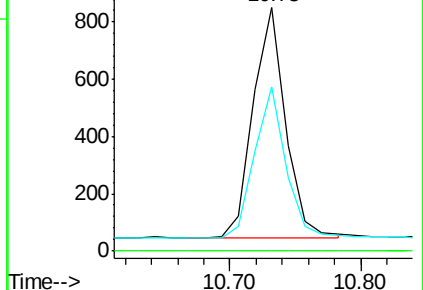
227 63.5 51.4 77.2

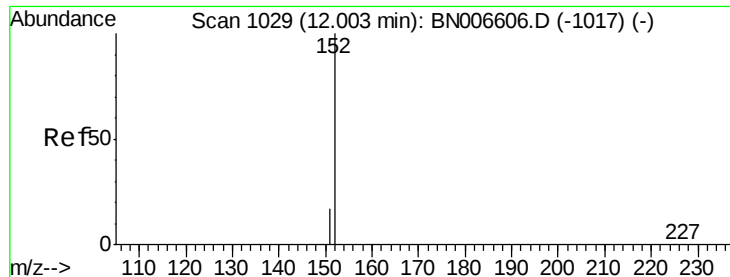


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

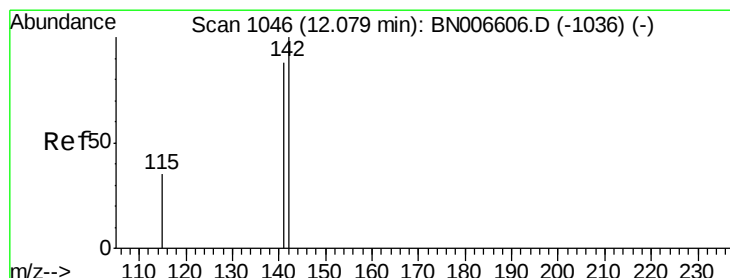
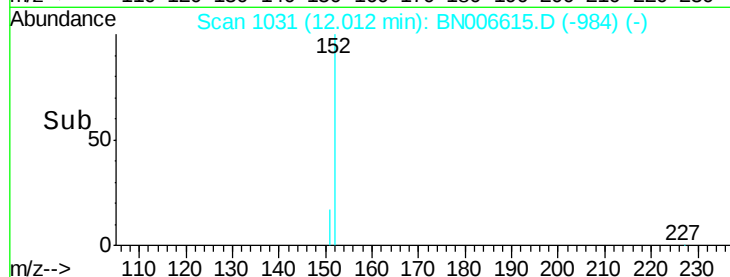
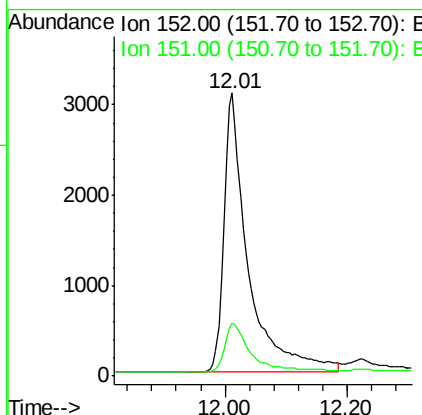
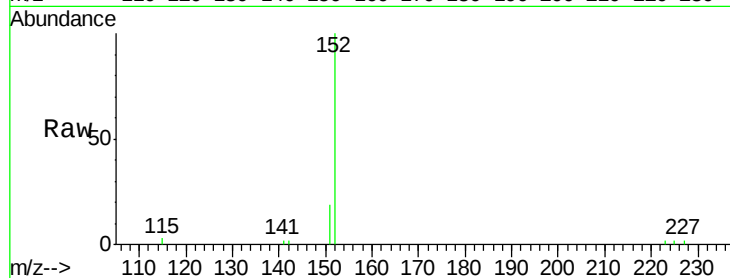




#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.01 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BN006615.D
Acq: 28 Jun 2019 16:23

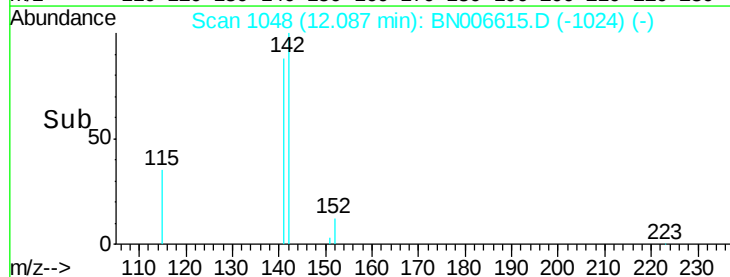
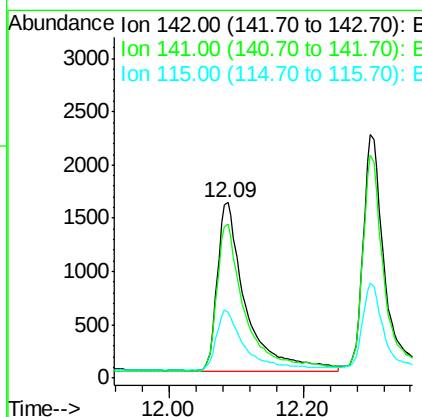
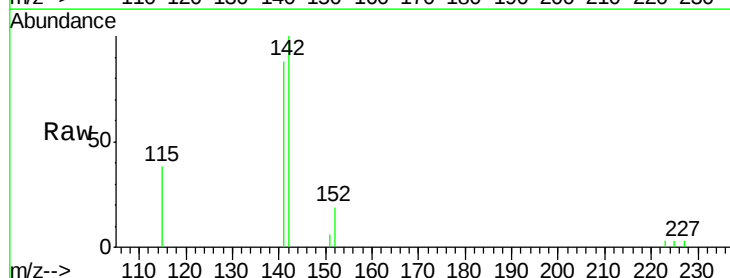
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

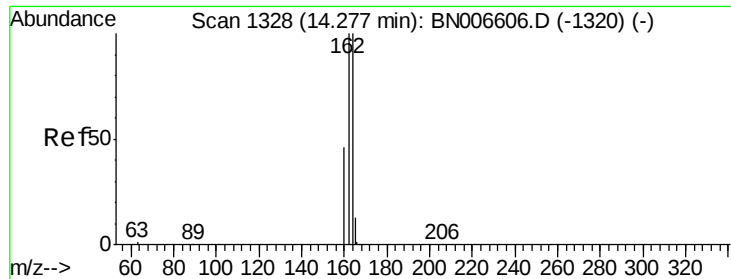
Tgt Ion:152 Resp: 8440
Ion Ratio Lower Upper
152 100
151 18.5 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.193 ng
RT: 12.09 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BN006615.D
Acq: 28 Jun 2019 16:23

Tgt Ion:142 Resp: 4625
Ion Ratio Lower Upper
142 100
141 88.0 70.2 105.4
115 37.5 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: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

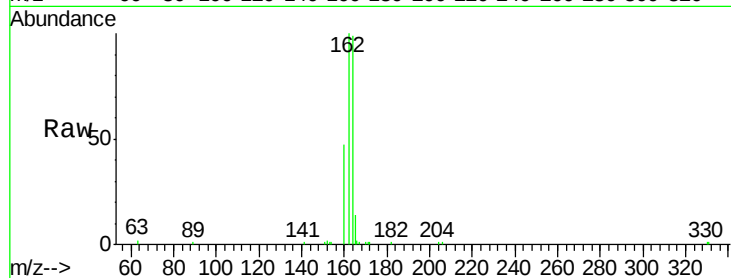
Tgt Ion:164 Resp: 8421

Ion Ratio Lower Upper

164 100

162 100.6 80.0 120.0

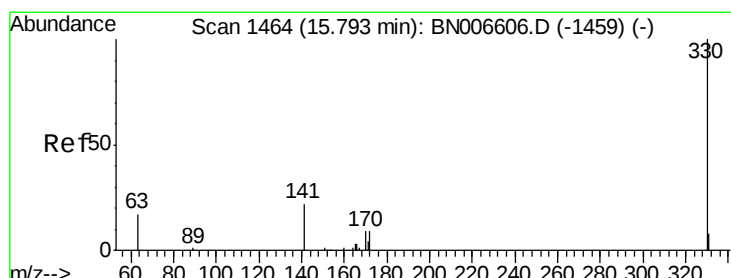
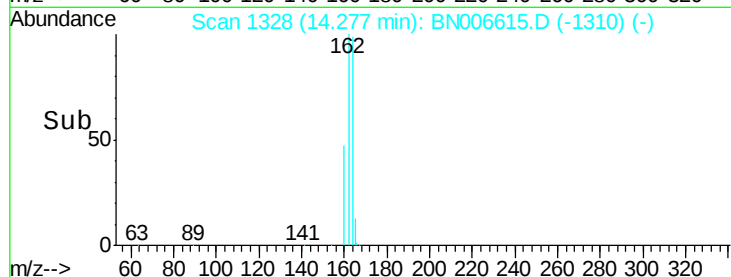
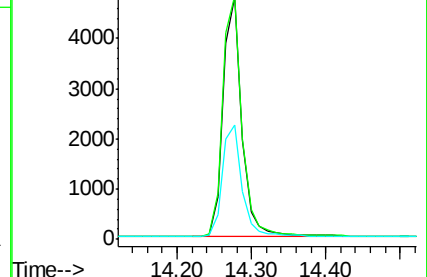
160 47.3 37.0 55.4



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: 0.355 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

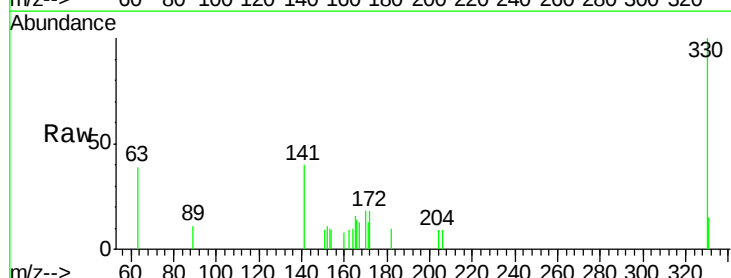
Tgt Ion:330 Resp: 1408

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

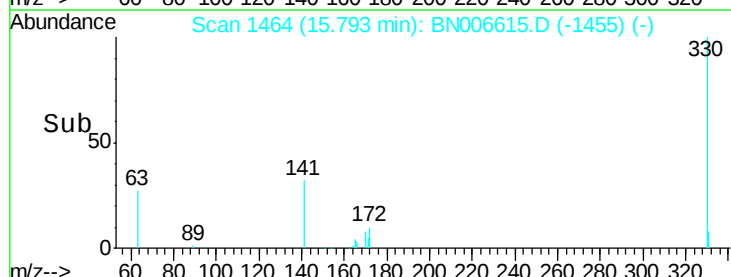
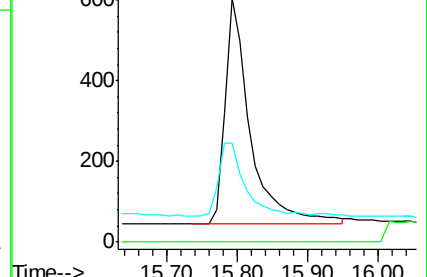
141 35.3 26.5 39.7

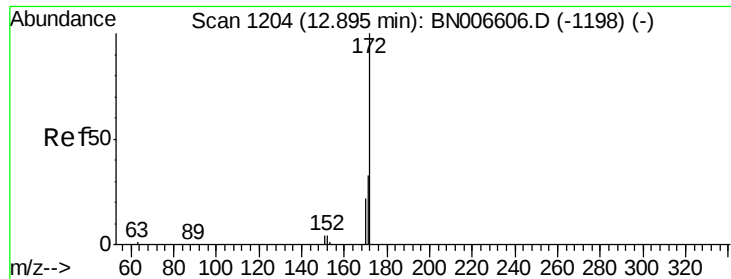


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

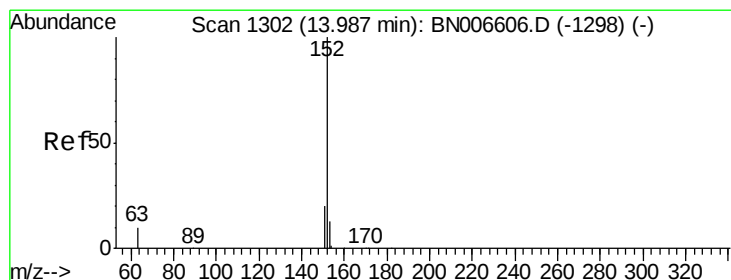
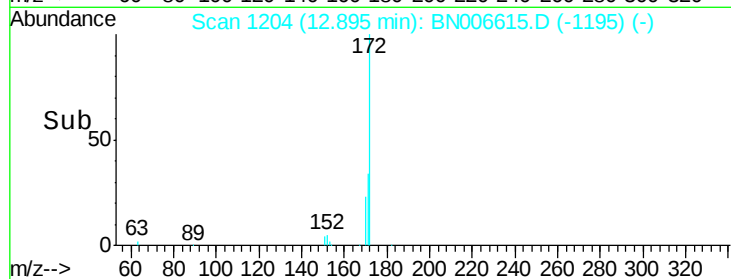
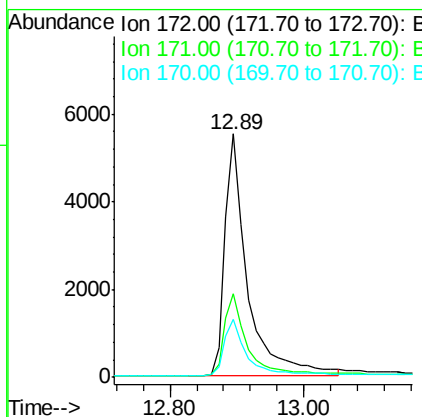
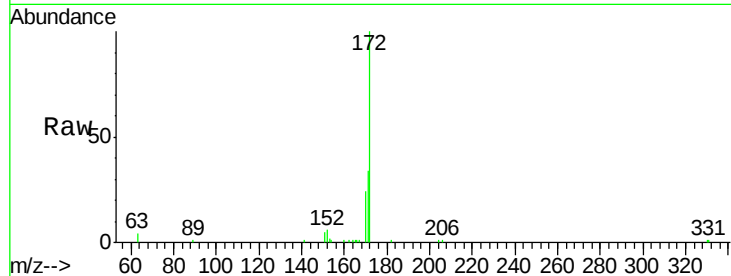




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006615.D
Acq: 28 Jun 2019 16:23

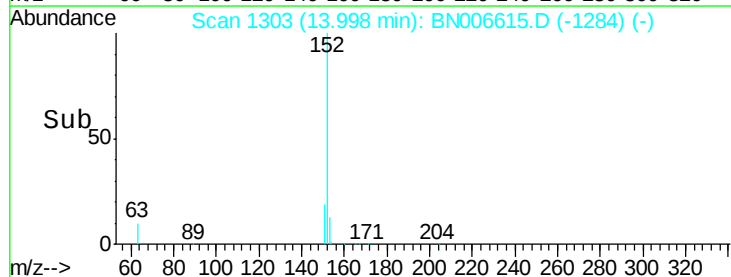
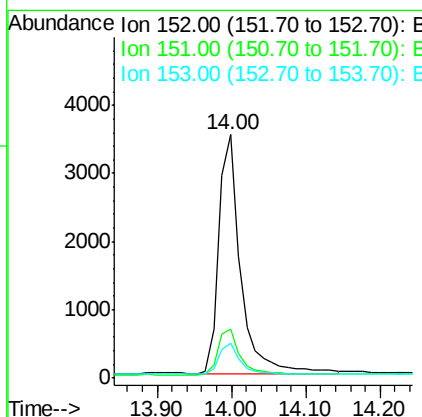
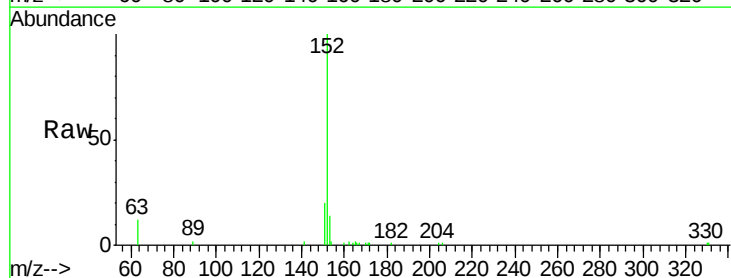
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

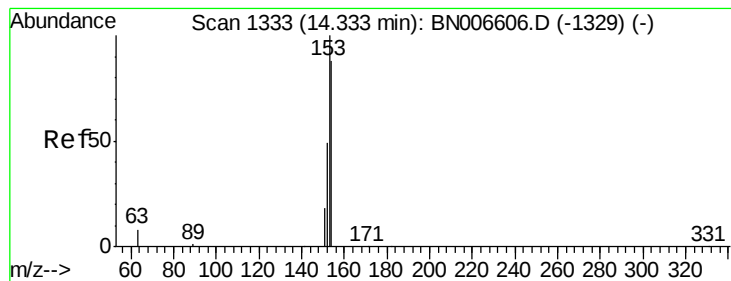
Tgt Ion:172 Resp: 12856
Ion Ratio Lower Upper
172 100
171 34.5 27.0 40.4
170 23.7 17.7 26.5



#16
Acenaphthylene
Concen: 0.179 ng
RT: 14.00 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BN006615.D
Acq: 28 Jun 2019 16:23

Tgt Ion:152 Resp: 7180
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.192 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

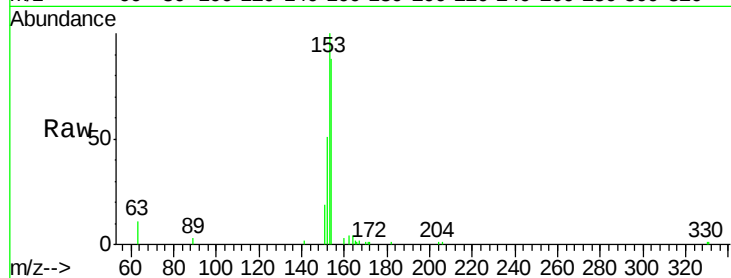
Tgt Ion:154 Resp: 5089

Ion Ratio Lower Upper

154 100

153 111.9 90.2 135.4

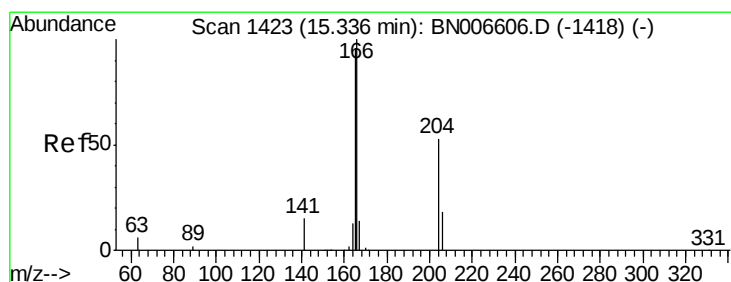
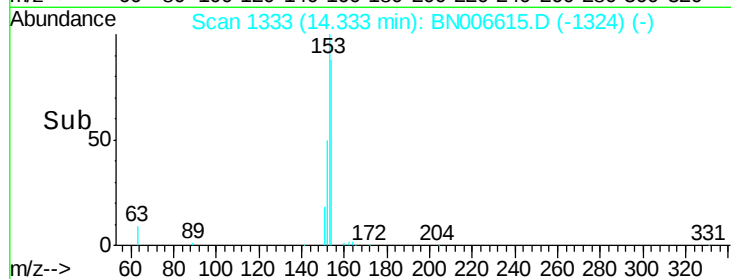
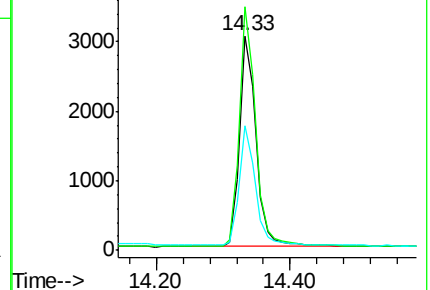
152 55.4 44.2 66.4



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: 0.189 ng

RT: 15.34 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

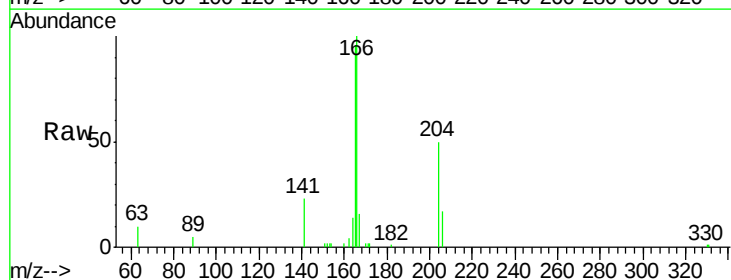
Tgt Ion:166 Resp: 6292

Ion Ratio Lower Upper

166 100

165 96.7 78.4 117.6

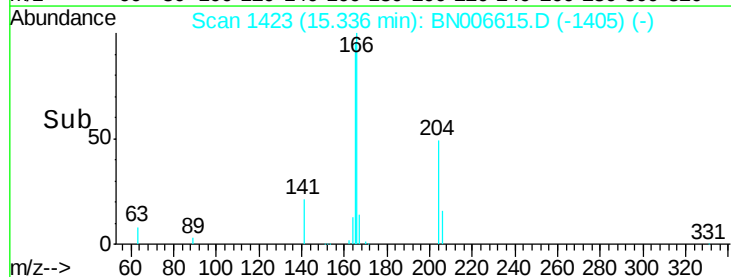
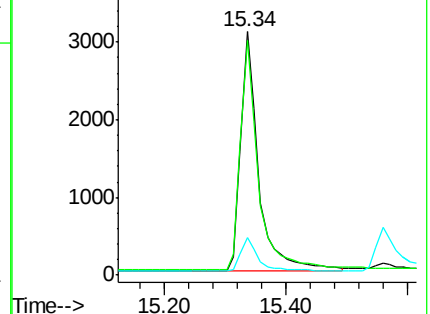
167 13.7 10.8 16.2

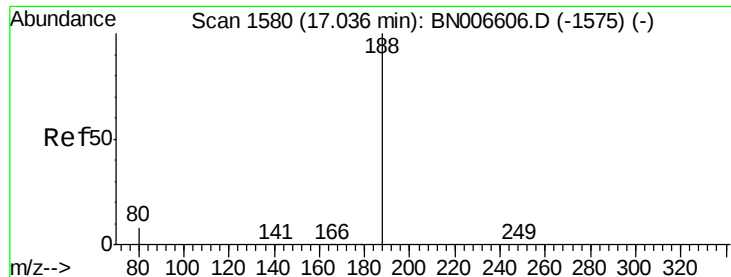


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

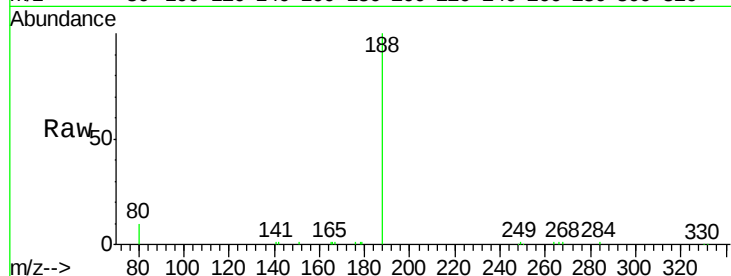
Tgt Ion:188 Resp: 19810

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

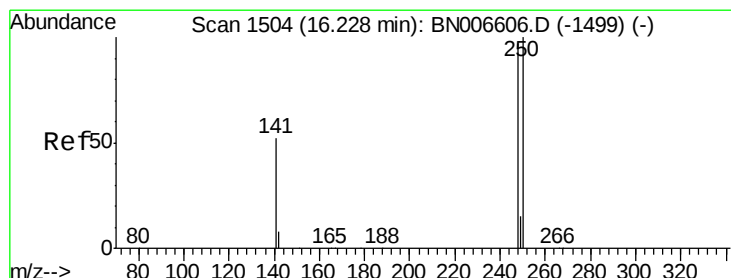
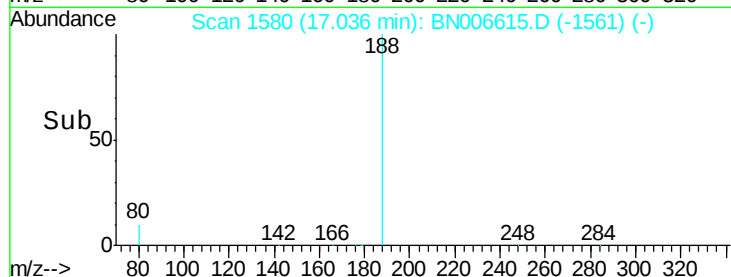
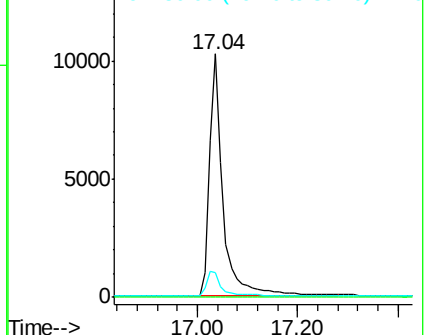
80 10.2 7.1 10.7



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: 0.168 ng

RT: 16.23 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

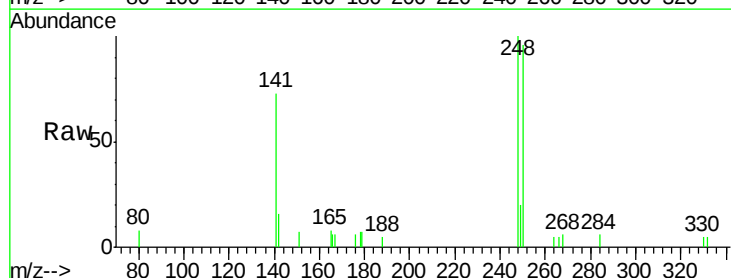
Tgt Ion:248 Resp: 1843

Ion Ratio Lower Upper

248 100

250 96.3 82.2 123.4

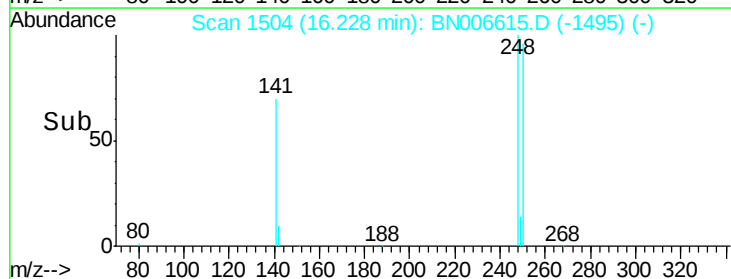
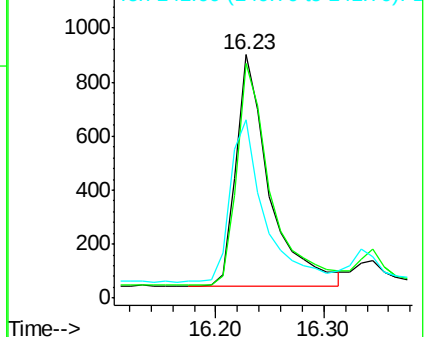
141 73.2 43.8 65.8#

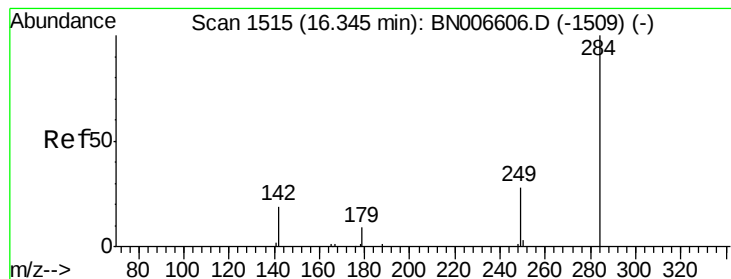


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.187 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

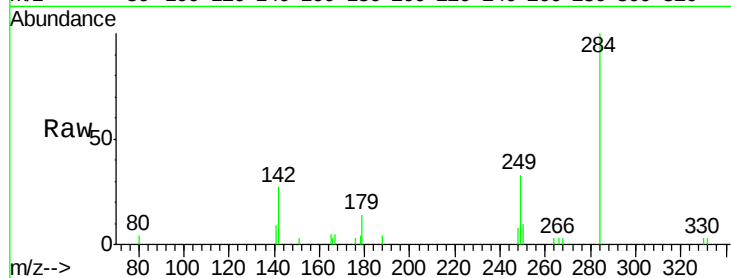
Tgt Ion:284 Resp: 2588

Ion Ratio Lower Upper

284 100

142 33.7 27.5 41.3

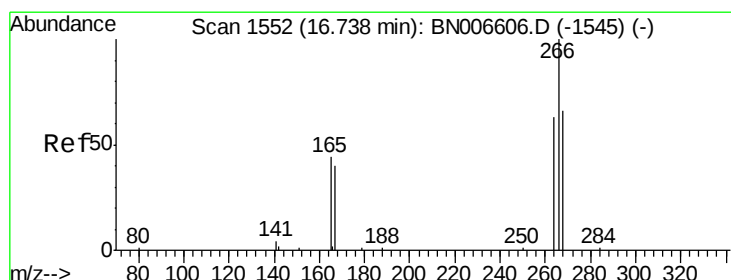
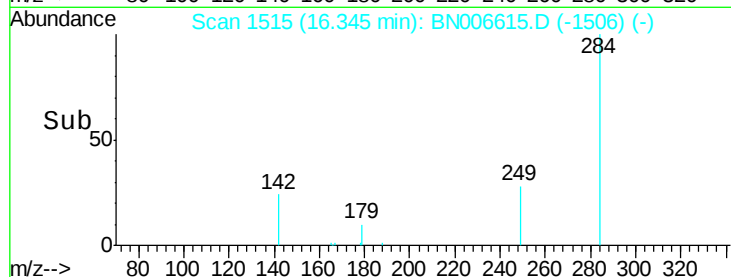
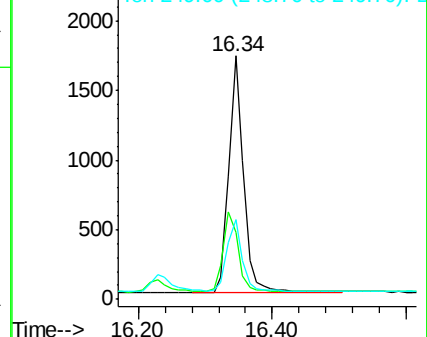
249 32.0 24.7 37.1



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: 0.466 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

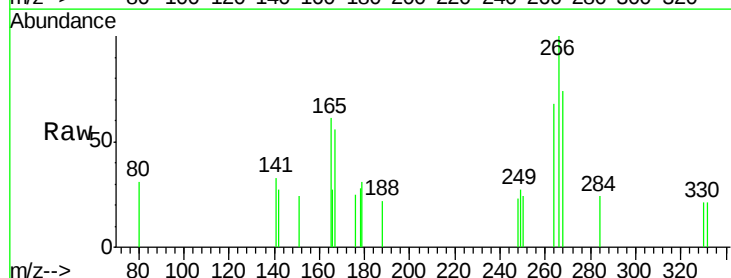
Tgt Ion:266 Resp: 868

Ion Ratio Lower Upper

266 100

264 68.2 56.2 84.4

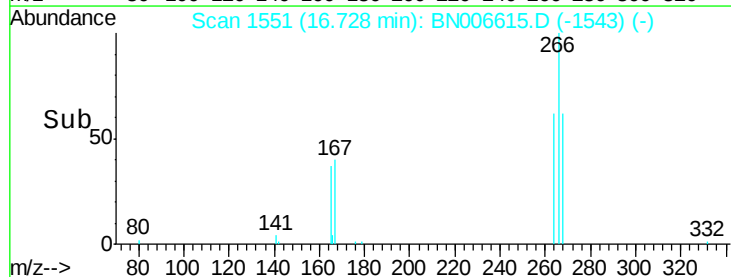
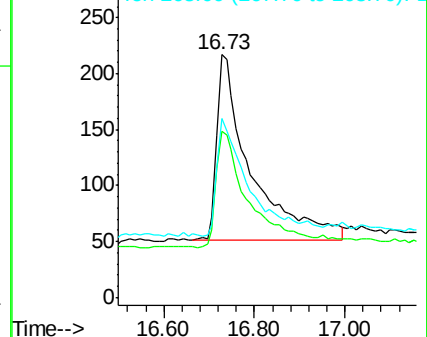
268 73.7 63.0 94.4

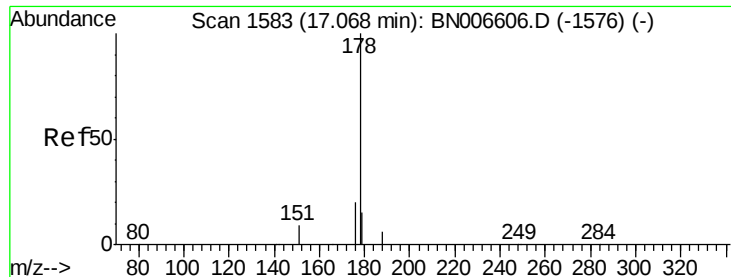


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.186 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

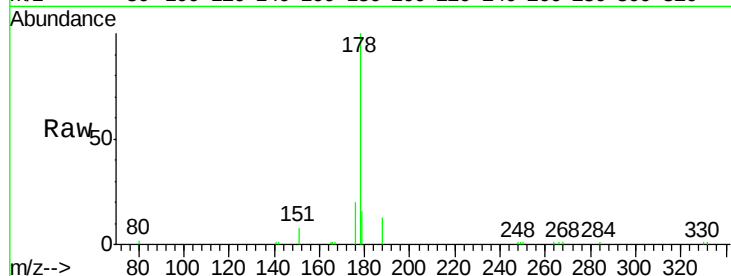
Tgt Ion:178 Resp: 10454

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

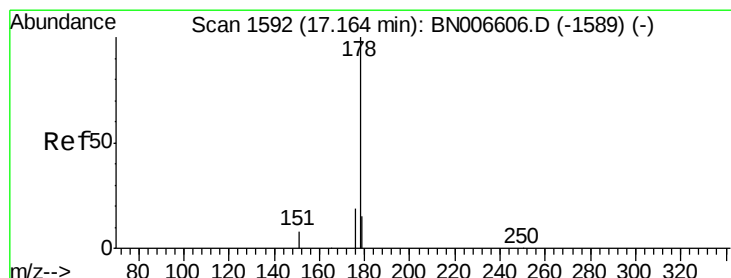
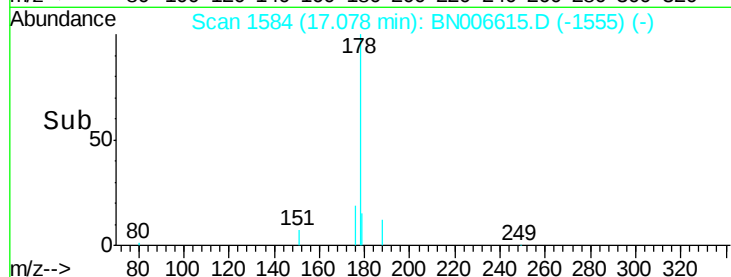
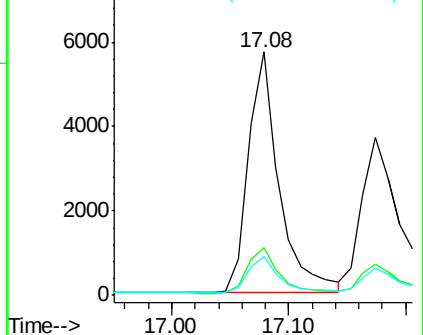
179 15.7 12.2 18.4



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: 0.169 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

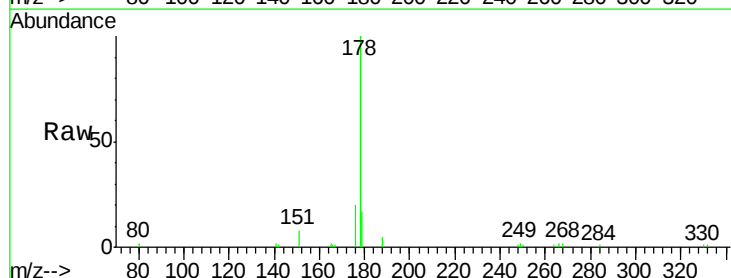
Tgt Ion:178 Resp: 8282

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

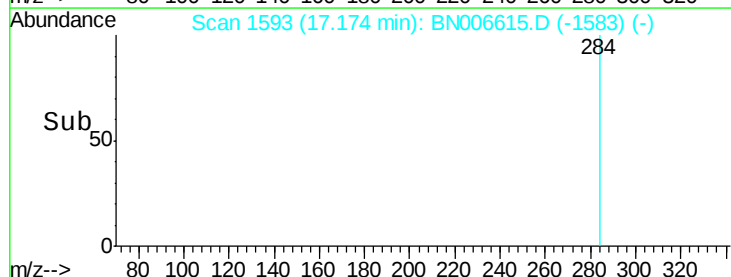
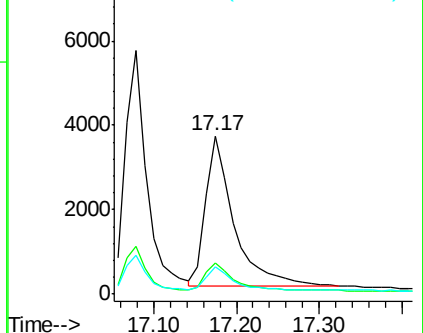
179 15.1 12.2 18.2

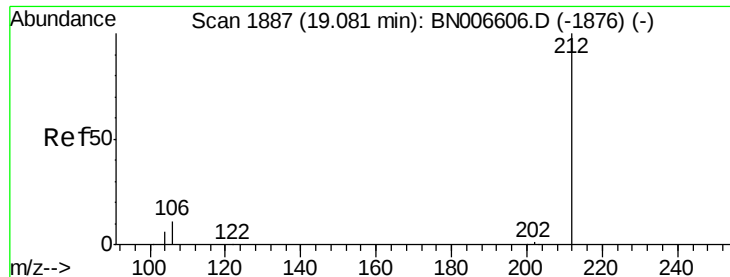


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

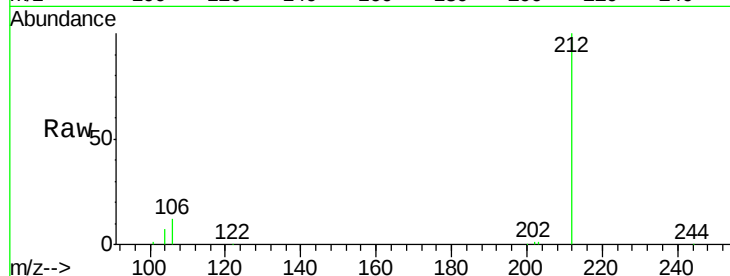
Tgt Ion:212 Resp: 23653

Ion Ratio Lower Upper

212 100

106 13.4 10.6 15.8

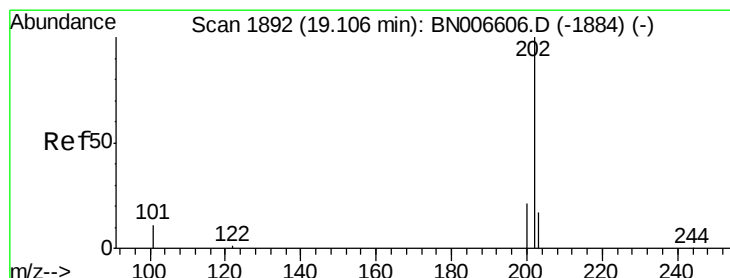
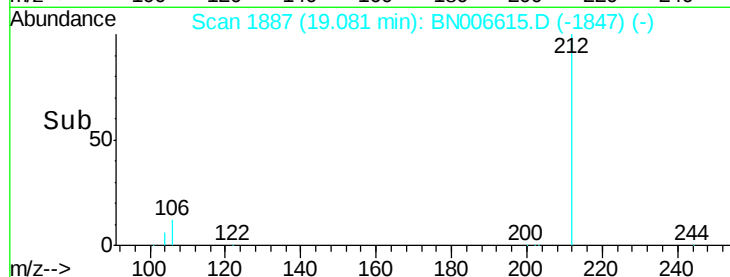
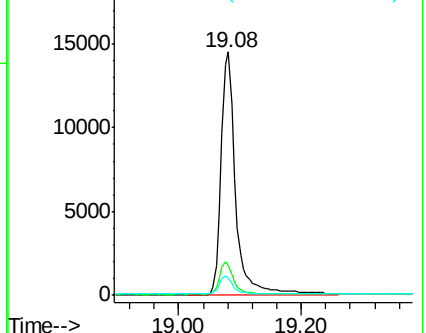
104 7.1 5.8 8.6



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: 0.195 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

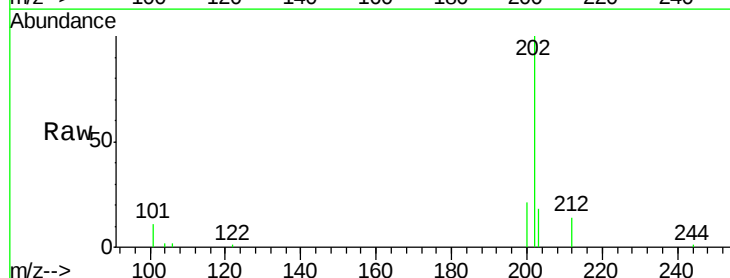
Tgt Ion:202 Resp: 13330

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

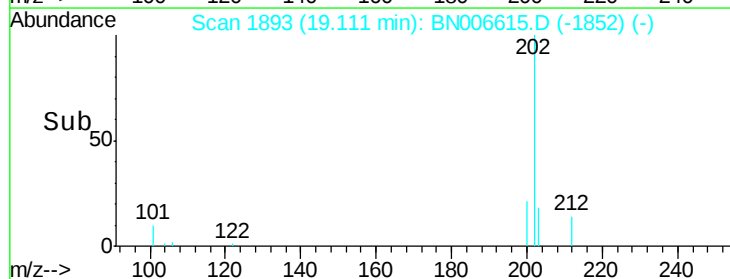
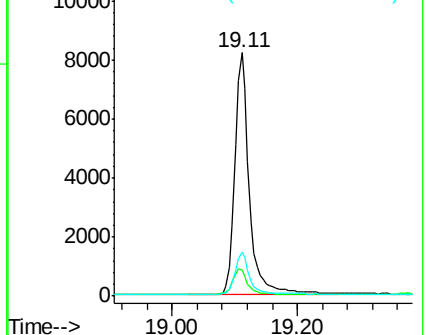
203 16.9 13.6 20.4

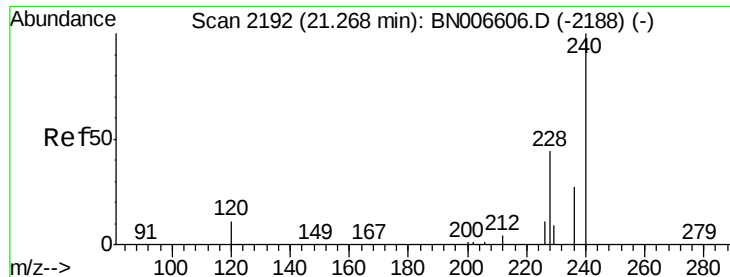


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

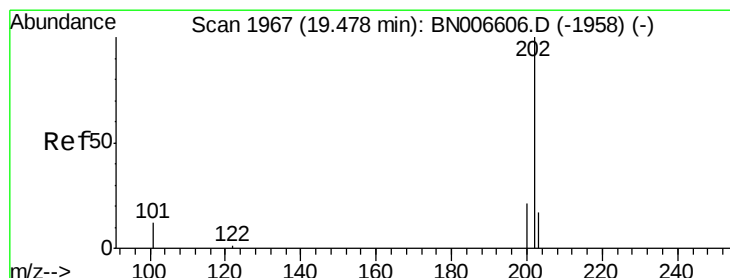
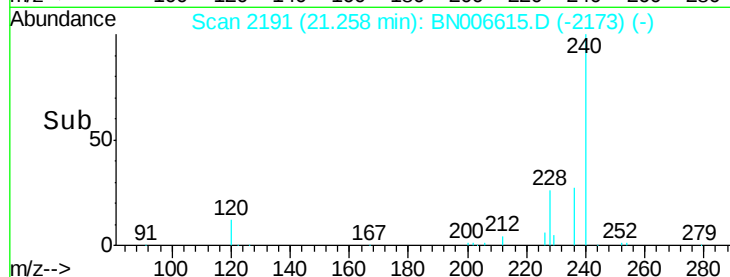
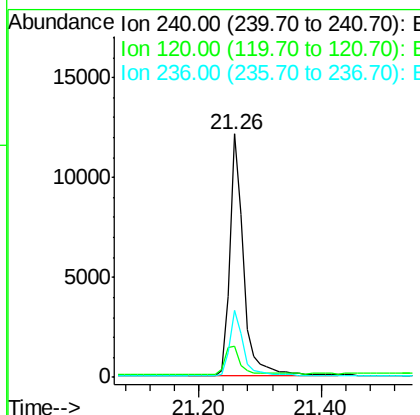
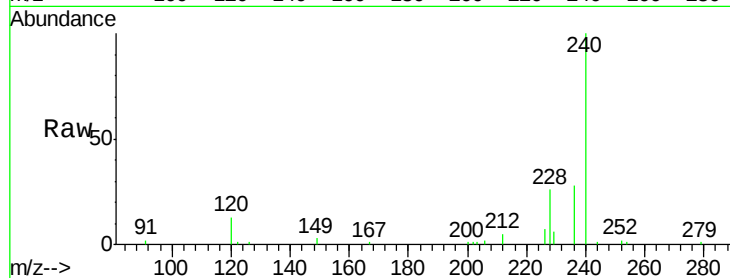




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006615.D
Acq: 28 Jun 2019 16:23

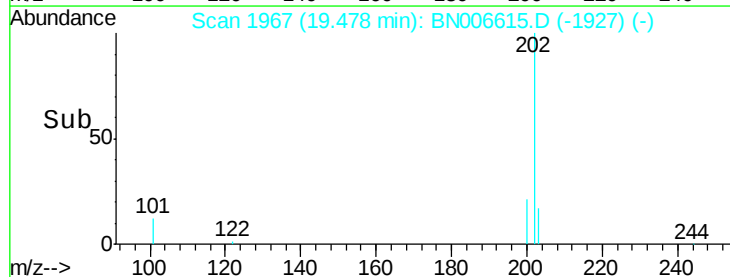
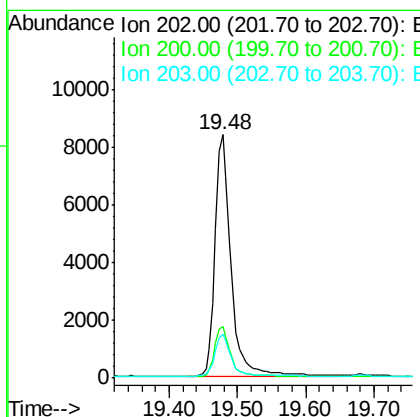
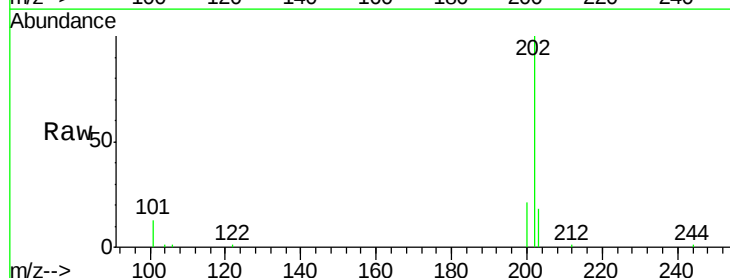
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

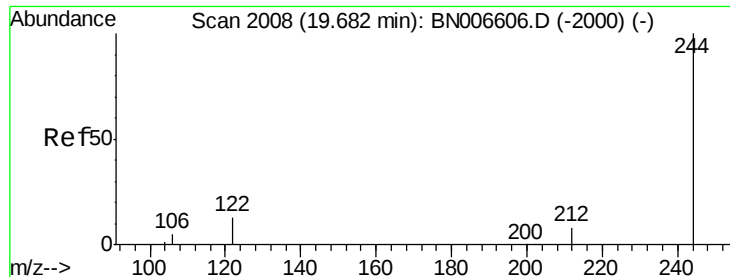
Tgt Ion:240 Resp: 19529
Ion Ratio Lower Upper
240 100
120 12.8 9.9 14.9
236 27.5 22.2 33.4



#28
Pyrene
Concen: 0.199 ng
RT: 19.48 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BN006615.D
Acq: 28 Jun 2019 16:23

Tgt Ion:202 Resp: 13625
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.9 14.1 21.1





#29

Terphenyl-d14

Concen: 0.439 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

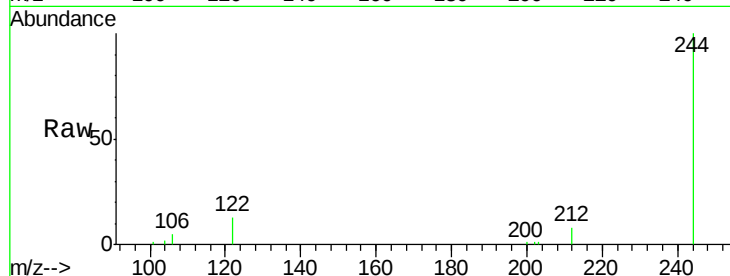
Tgt Ion:244 Resp: 17954

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

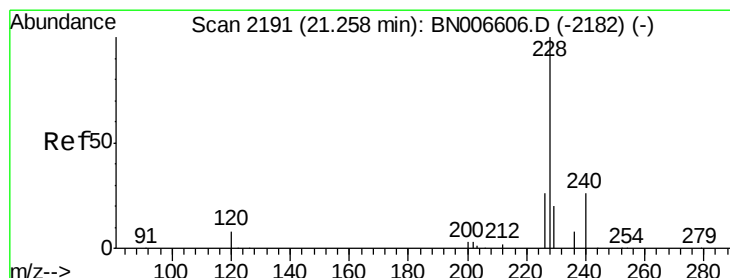
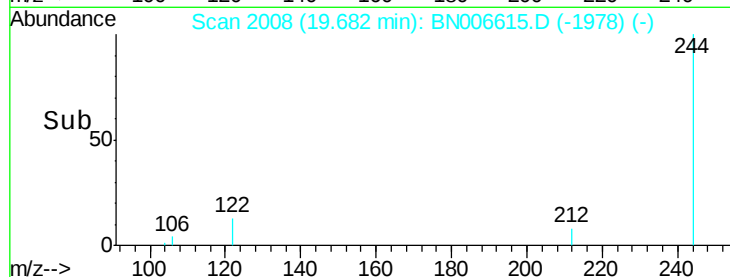
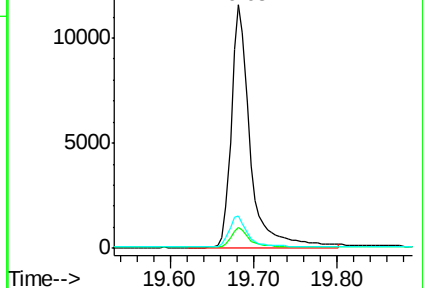
122 13.5 11.0 16.6



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: 0.175 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

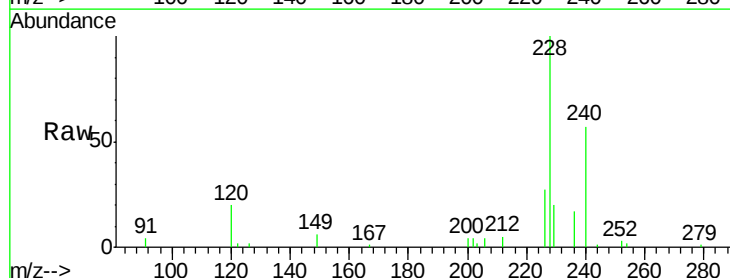
Tgt Ion:228 Resp: 11179

Ion Ratio Lower Upper

228 100

226 27.3 21.2 31.8

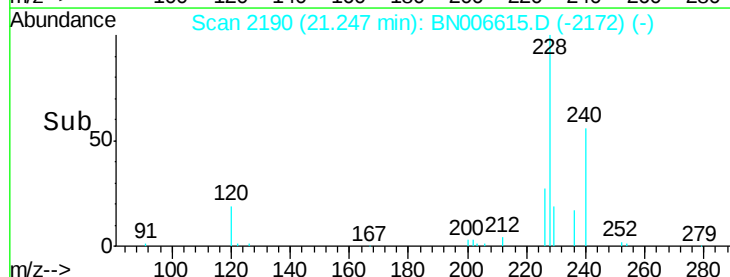
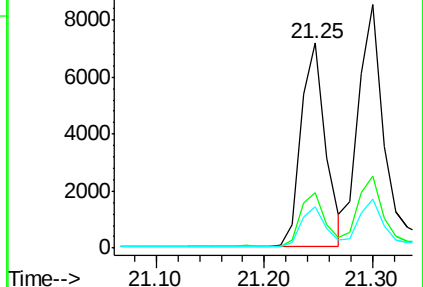
229 20.0 16.1 24.1

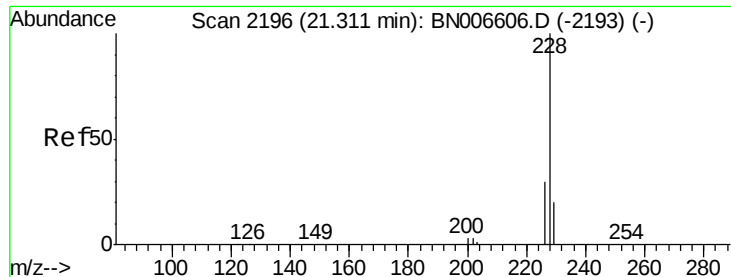


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.198 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

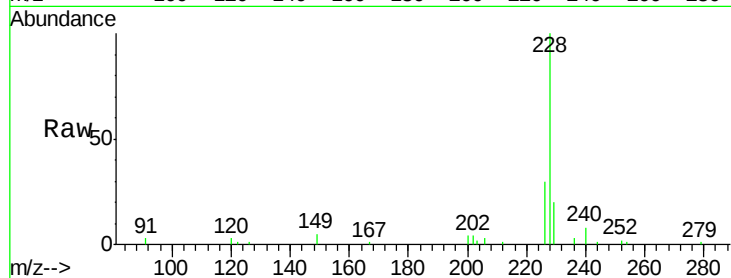
Tgt Ion:228 Resp: 13656

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

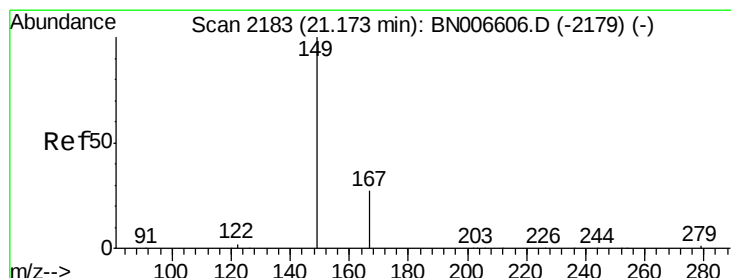
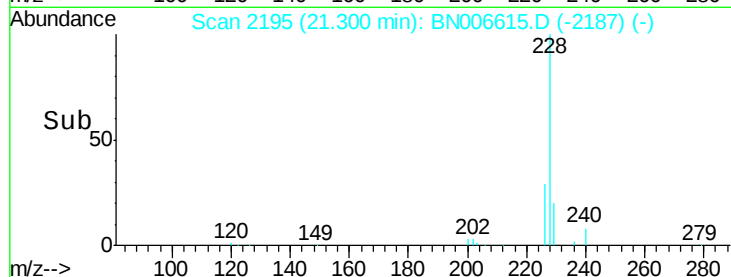
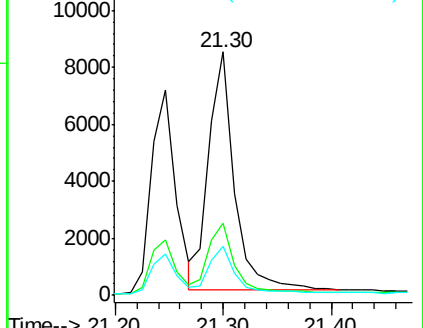
229 20.4 15.9 23.9



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: 0.140 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

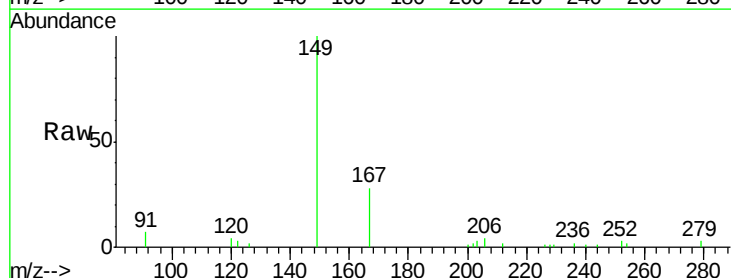
Tgt Ion:149 Resp: 4496

Ion Ratio Lower Upper

149 100

167 29.0 22.9 34.3

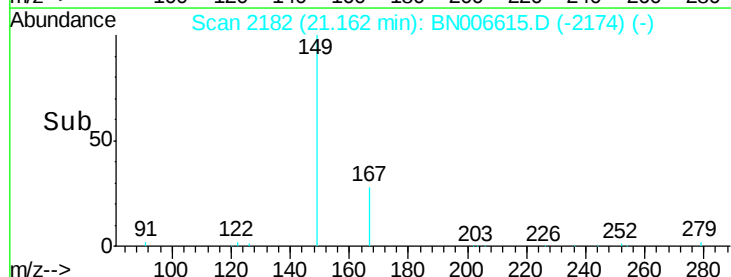
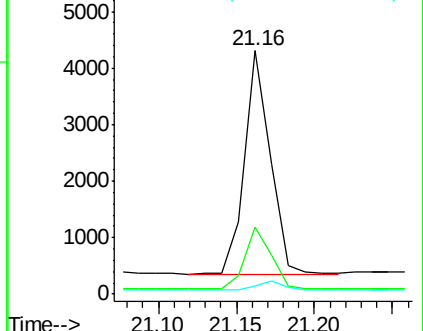
279 4.2 3.3 4.9

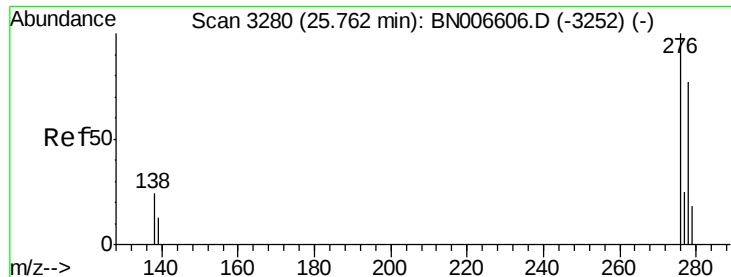


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

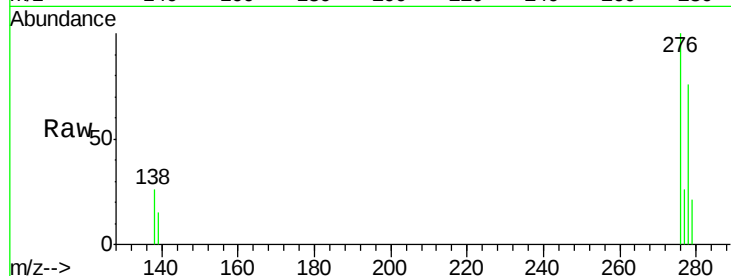




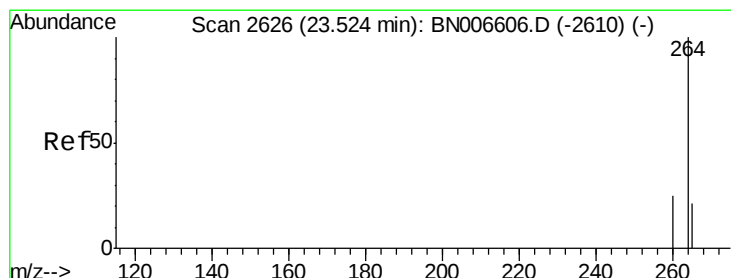
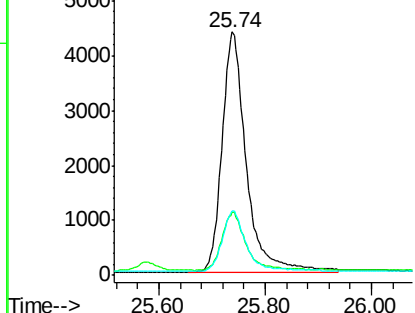
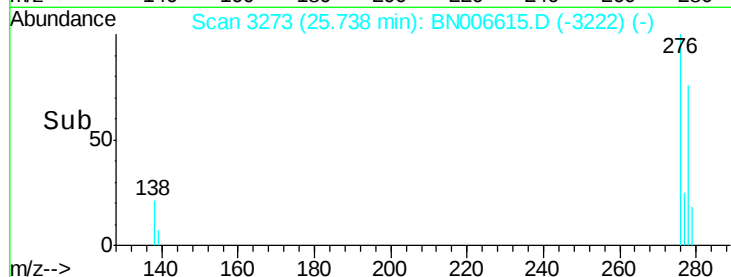
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.200 ng
 RT: 25.74 min Scan# 3273
 Delta R.T. -0.02 min
 Lab File: BN006615.D
 Acq: 28 Jun 2019 16:23

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tgt Ion: 276 Resp: 13900
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.3 28.9
 277 23.7 19.9 29.9

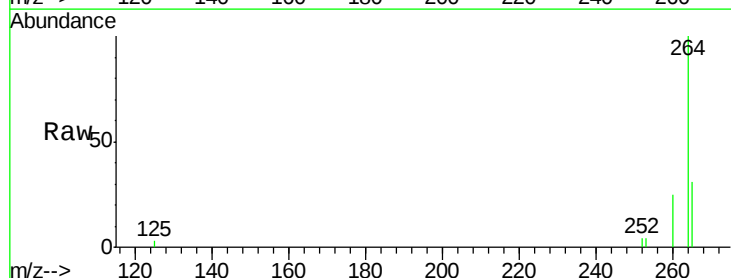


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

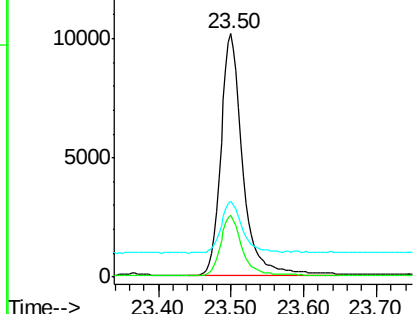
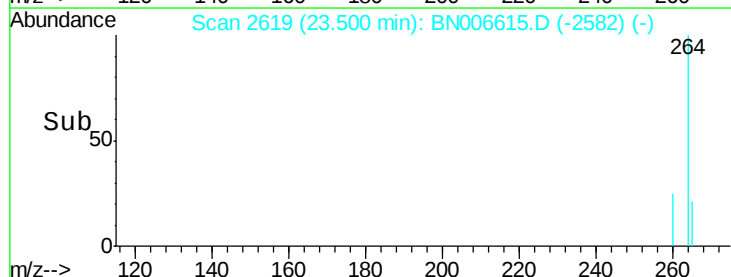


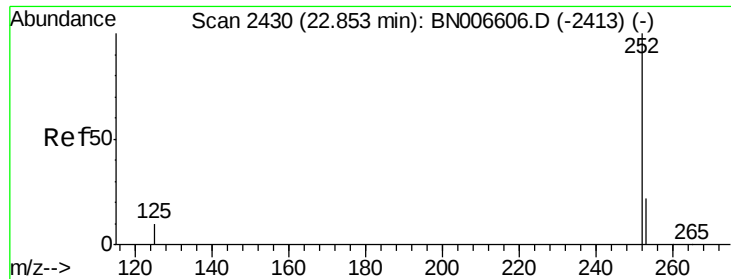
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BN006615.D
 Acq: 28 Jun 2019 16:23

Tgt Ion: 264 Resp: 21247
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 31.2 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: 0.188 ng

RT: 22.83 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

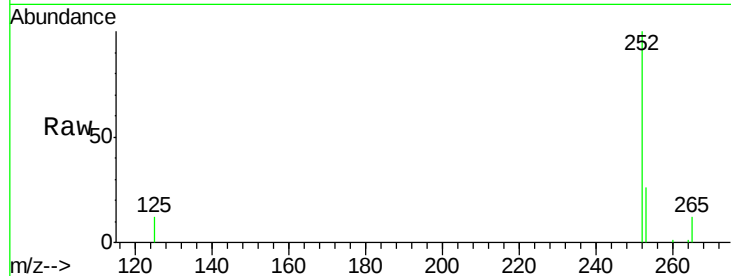
Tgt Ion:252 Resp: 13580

Ion Ratio Lower Upper

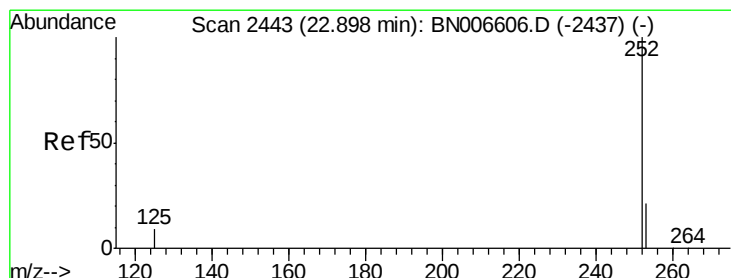
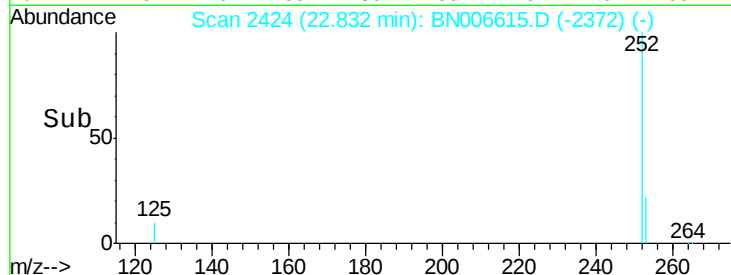
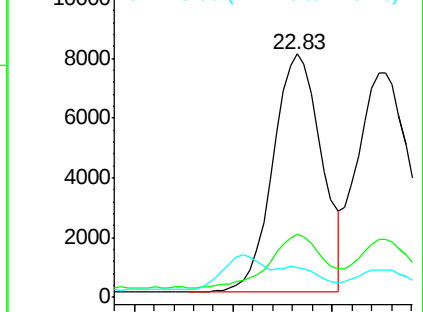
252 100

253 25.7 18.4 27.6

125 12.4 8.7 13.1



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: 0.202 ng

RT: 22.87 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

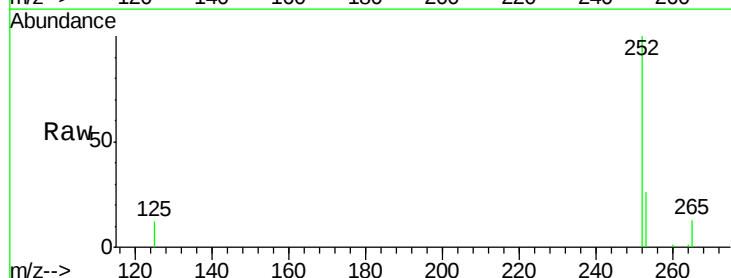
Tgt Ion:252 Resp: 15540

Ion Ratio Lower Upper

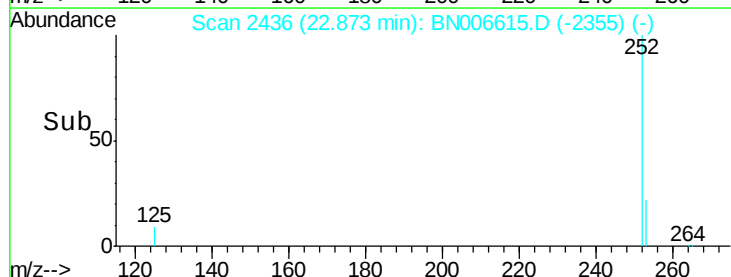
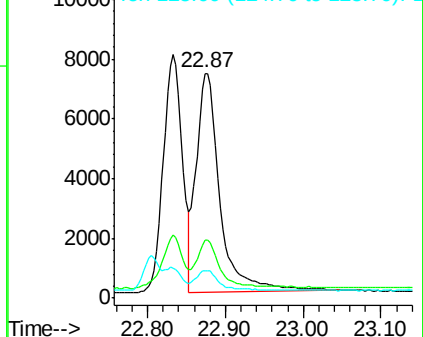
252 100

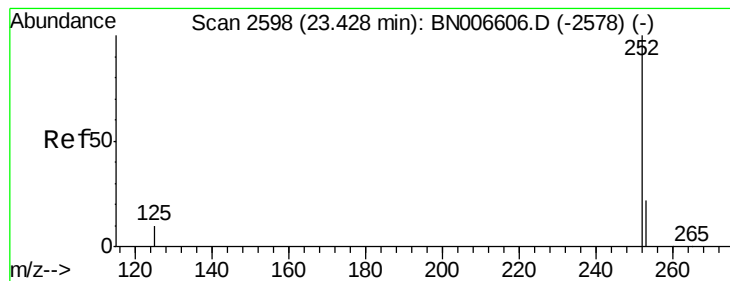
253 25.6 18.3 27.5

125 12.4 8.4 12.6



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: 0.205 ng

RT: 23.40 min Scan# 2591

Delta R.T. -0.02 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

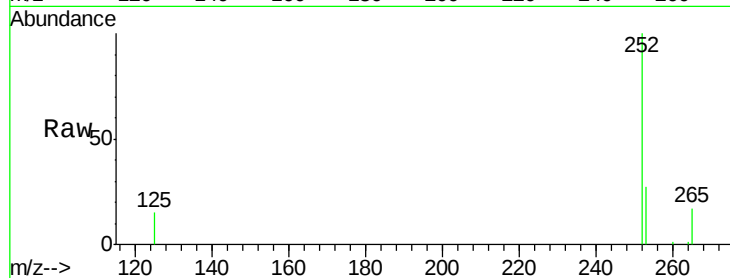
Tgt Ion:252 Resp: 13857

Ion Ratio Lower Upper

252 100

253 26.8 18.8 28.2

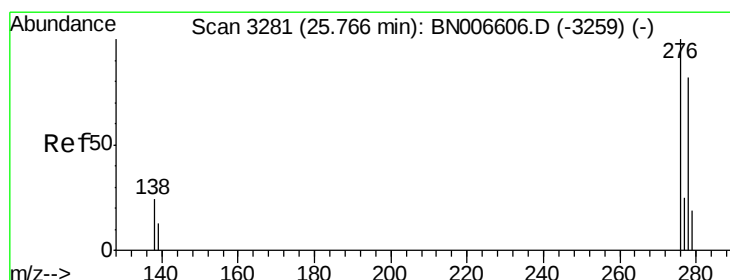
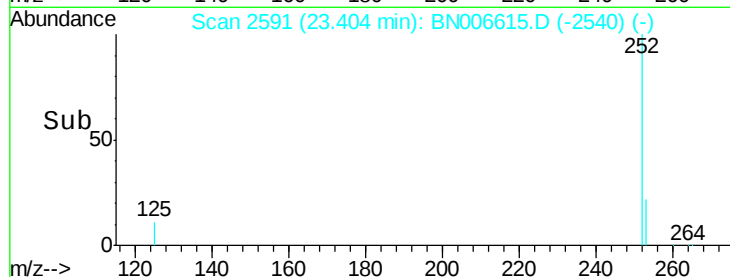
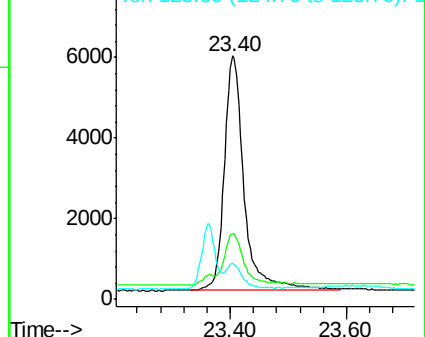
125 14.6 9.4 14.2#



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: 0.192 ng

RT: 25.74 min Scan# 3274

Delta R.T. -0.02 min

Lab File: BN006615.D

Acq: 28 Jun 2019 16:23

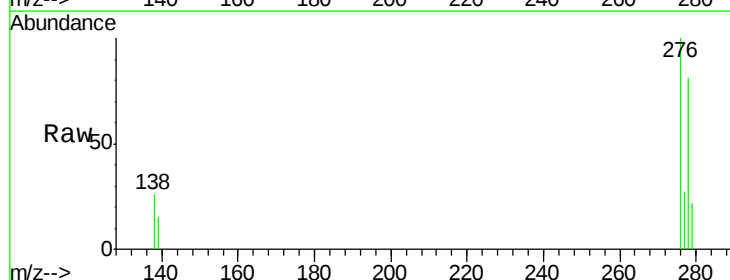
Tgt Ion:278 Resp: 11311

Ion Ratio Lower Upper

278 100

139 18.9 13.5 20.3

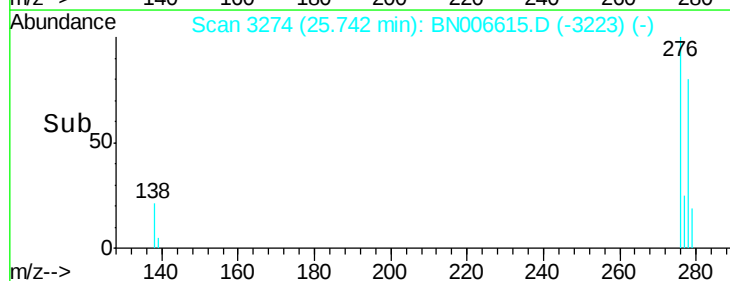
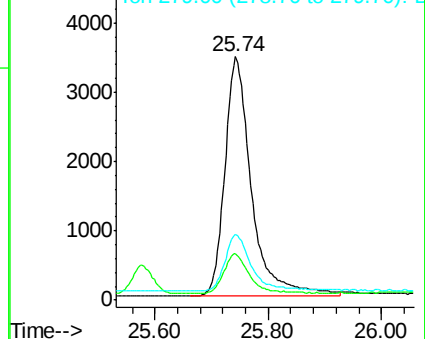
279 26.8 19.4 29.2

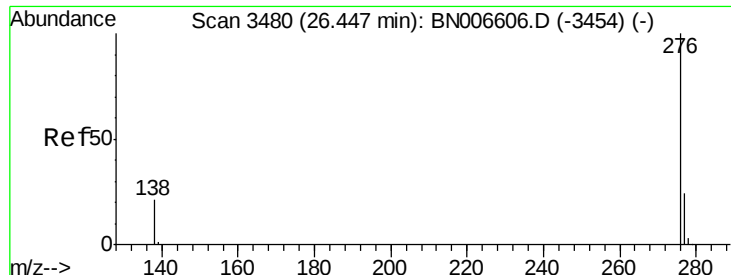


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.199 ng

RT: 26.42 min Scan# 3473

Delta R.T. -0.02 min

Lab File: BN006615.D

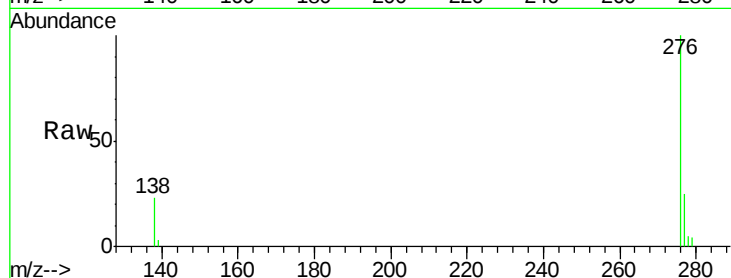
Acq: 28 Jun 2019 16:23

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019



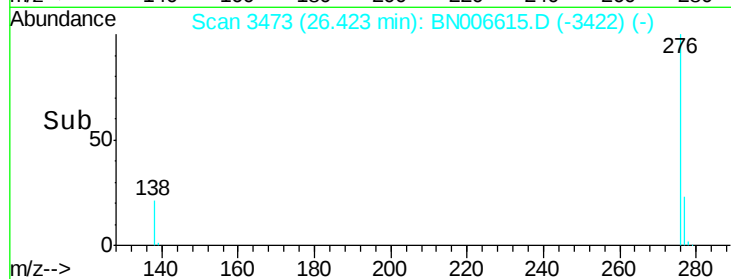
Tgt Ion: 276 Resp: 11716

Ion Ratio Lower Upper

276 100

277 25.1 19.6 29.4

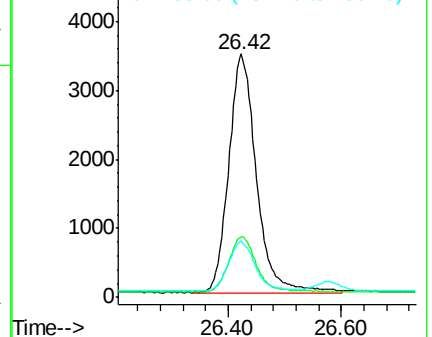
138 23.3 17.7 26.5



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 : BN006615.D
 Acq On : 28 Jun 2019 16:23
 Operator : HP/JU
 Sample : K2241-08
 Misc : LOQ-W-0.2PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Quant Time: Jun 28 17:03:24 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	7.63	152	3128	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	13198	0.40	ng	0.00
13) Acenaphthene-d10	14.28	164	8421	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	19810	0.40	ng	0.00
27) Chrysene-d12	21.26	240	19529	0.40	ng	-0.01
34) Perylene-d12	23.50	264	21247	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.25	112	3029	0.39	ng	0.00
5) Phenol-d6	6.84	99	3894	0.38	ng	0.00
8) Nitrobenzene-d5	8.81	82	3046	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.01	152	8440	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1408	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	12856	0.41	ng	0.00
25) Fluoranthene-d10	19.08	212	23653	0.41	ng	0.00
29) Terphenyl-d14	19.68	244	17954	0.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	920	0.213	ng	97
3) n-Nitrosodimethylamine	3.53	42	388	0.114	ng	# 95
6) bis(2-Chloroethyl)ether	7.08	93	1479	0.163	ng	97
9) Naphthalene	10.45	128	6852	0.198	ng	97
10) Hexachlorobutadiene	10.73	225	1371	0.192	ng	# 99
12) 2-Methylnaphthalene	12.09	142	4625	0.193	ng	99
16) Acenaphthylene	14.00	152	7180	0.179	ng	99
17) Acenaphthene	14.33	154	5089	0.192	ng	99
18) Fluorene	15.34	166	6292	0.189	ng	99
20) 4-Bromophenyl-phenylether	16.23	248	1843	0.168	ng	# 87
21) Hexachlorobenzene	16.34	284	2588	0.187	ng	98
22) Pentachlorophenol	16.73	266	868	0.466	ng	96
23) Phenanthrene	17.08	178	10454	0.186	ng	99
24) Anthracene	17.17	178	8282	0.169	ng	100
26) Fluoranthene	19.11	202	13330	0.195	ng	100
28) Pyrene	19.48	202	13625	0.199	ng	100
30) Benzo(a)anthracene	21.25	228	11179	0.175	ng	99
31) Chrysene	21.30	228	13656	0.198	ng	100
32) Bis(2-ethylhexyl)phthalate	21.16	149	4496	0.140	ng	99
33) Indeno(1,2,3-cd)pyrene	25.74	276	13900	0.200	ng	99
35) Benzo(b)fluoranthene	22.83	252	13580	0.188	ng	95
36) Benzo(k)fluoranthene	22.87	252	15540	0.202	ng	95
37) Benzo(a)pyrene	23.40	252	13857	0.205	ng	# 93
38) Dibenzo(a,h)anthracene	25.74	278	11311	0.192	ng	95
39) Benzo(g,h,i)perylene	26.42	276	11716	0.199	ng	98

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