

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
 Data File : BN005037.D
 Acq On : 29 Mar 2019 17:03
 Operator : JU/SJ
 Sample : K1560-08
 Misc : L00 0.2 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Quant Time: Mar 29 23:50:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2519	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	10496	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	6365	0.40	ng	0.01
19) Phenanthrene-d10	17.06	188	15925	0.40	ng	0.00
27) Chrysene-d12	21.26	240	17733	0.40	ng	0.00
34) Perylene-d12	23.50	264	17508	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2177	0.35	ng	0.00
5) Phenol-d6	6.85	99	2490	0.33	ng	0.00
8) Nitrobenzene-d5	8.83	82	1894	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	5795	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1077	0.30	ng	0.01
15) 2-Fluorobiphenyl	12.93	172	8837	0.37	ng	0.01
25) Fluoranthene-d10	19.10	212	15783	0.35	ng	0.00
29) Terphenyl-d14	19.70	244	14620	0.40	ng	0.00

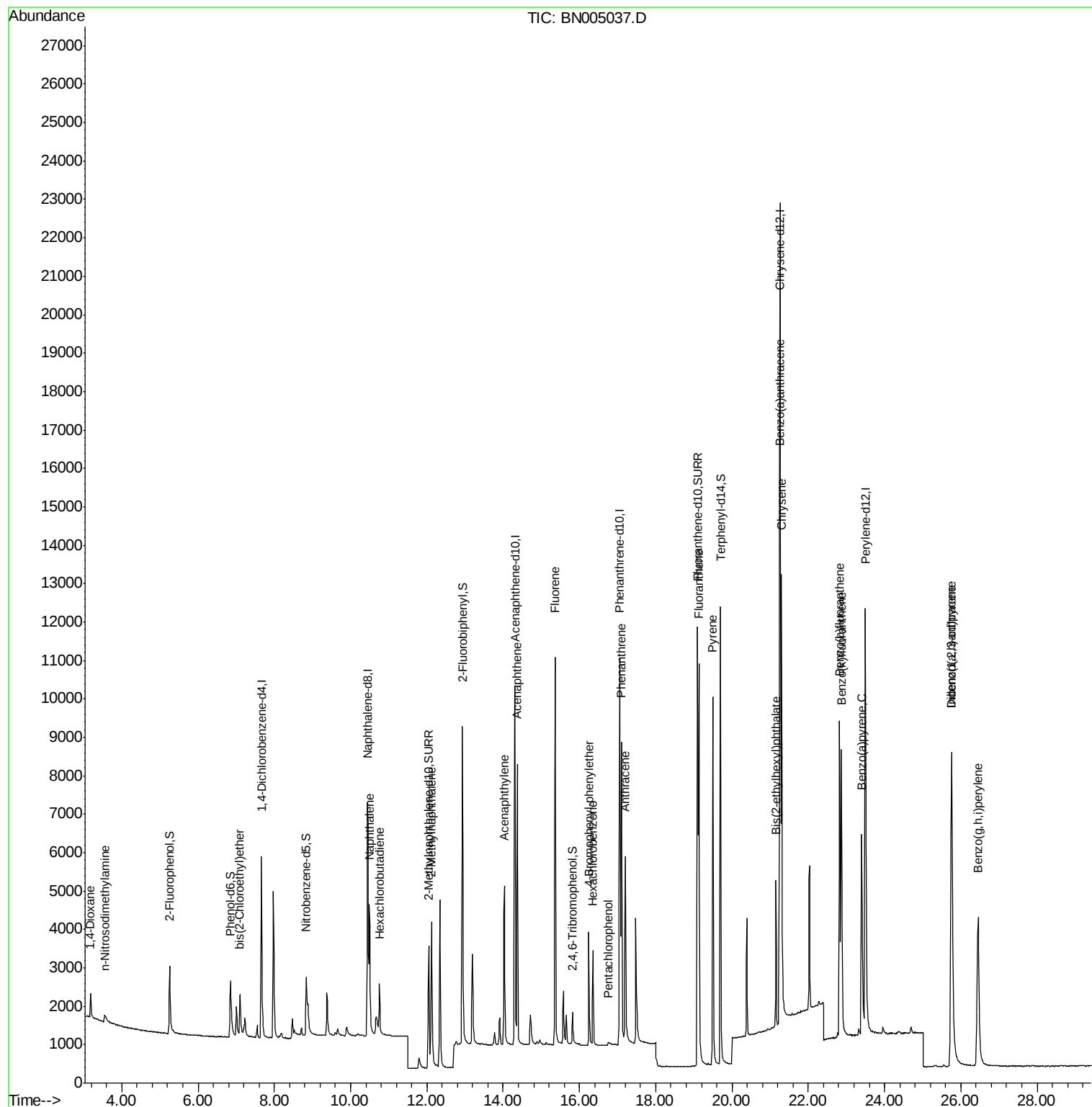
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	533	0.197	ng	98
3) n-Nitrosodimethylamine	3.55	42	183	0.111	ng	# 1
6) bis(2-Chloroethyl)ether	7.10	93	1218	0.173	ng	97
9) Naphthalene	10.49	128	5255	0.199	ng	98
10) Hexachlorobutadiene	10.76	225	998	0.204	ng	# 99
12) 2-Methylnaphthalene	12.12	142	3671	0.193	ng	99
16) Acenaphthylene	14.03	152	5303	0.177	ng	100
17) Acenaphthene	14.37	154	3773	0.198	ng	99
18) Fluorene	15.36	166	5028	0.196	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	1686	0.185	ng	# 83
21) Hexachlorobenzene	16.36	284	2003	0.199	ng	99
22) Pentachlorophenol	16.76	266	116	0.147	ng	# 80
23) Phenanthrene	17.10	178	8579	0.192	ng	99
24) Anthracene	17.20	178	6939	0.175	ng	100
26) Fluoranthene	19.13	202	10367	0.190	ng	100
28) Pyrene	19.50	202	10340	0.205	ng	100
30) Benzo(a)anthracene	21.25	228	9544	0.191	ng	99
31) Chrysene	21.30	228	10786	0.200	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	3222	0.154	ng	99
33) Indeno(1,2,3-cd)pyrene	25.75	276	11602	0.191	ng	99
35) Benzo(b)fluoranthene	22.82	252	10641	0.190	ng	97
36) Benzo(k)fluoranthene	22.87	252	10695	0.197	ng	96
37) Benzo(a)pyrene	23.40	252	9438	0.189	ng	94
38) Dibenzo(a,h)anthracene	25.76	278	9313	0.186	ng	97
39) Benzo(g,h,i)perylene	26.45	276	9962	0.198	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
Data File : BN005037.D
Acq On : 29 Mar 2019 17:03
Operator : JU/SJ
Sample : K1560-08
Misc : L00 0.2 PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Quant Time: Mar 29 23:50:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

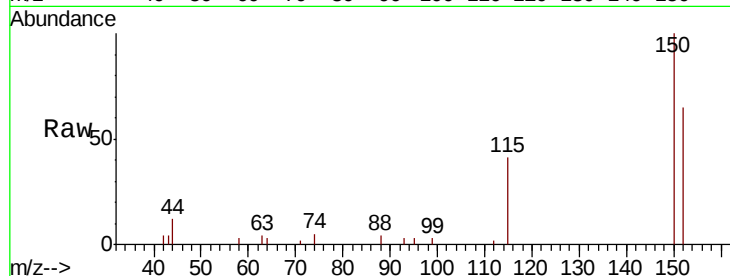
Tot Ion:152 Resp: 2519

Ion Ratio Lower Upper

152 100

150 154.6 123.4 185.2

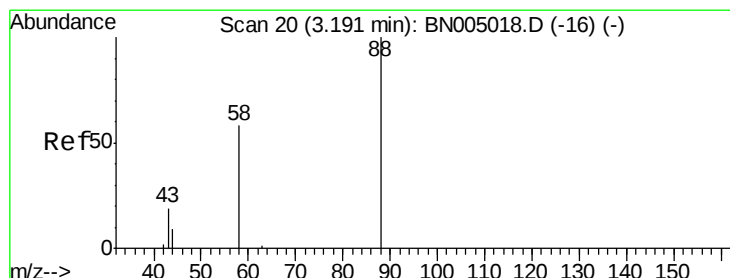
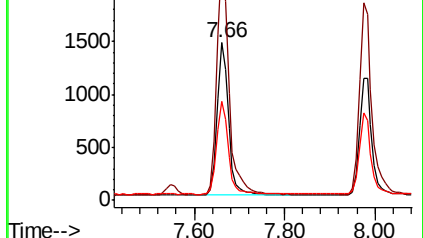
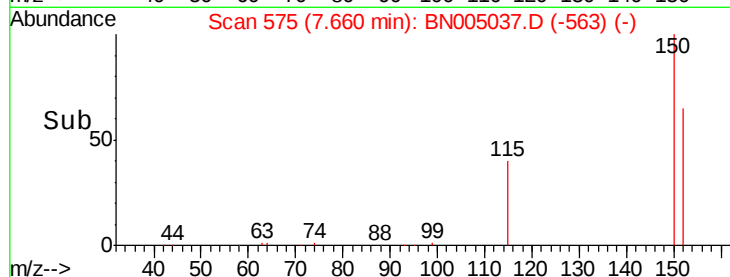
115 63.2 50.0 75.0



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: 0.197 ng

RT: 3.19 min Scan# 20

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

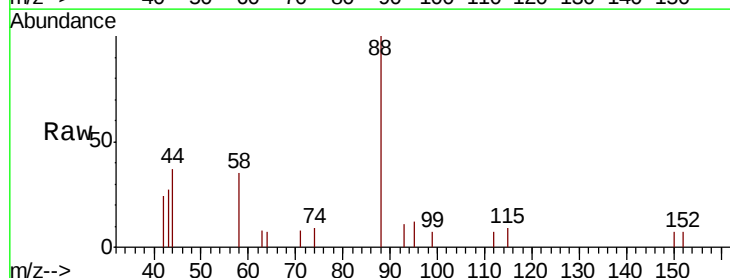
Tgt Ion: 88 Resp: 533

Ion Ratio Lower Upper

88 100

58 65.5 52.8 79.2

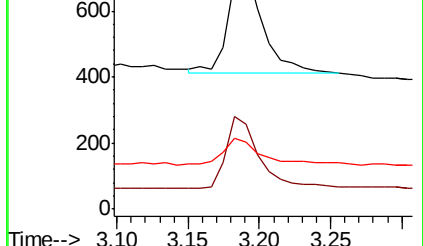
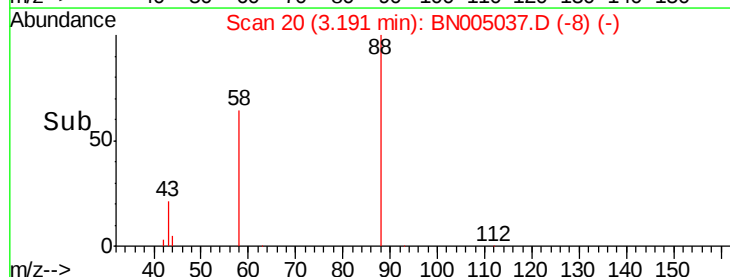
43 26.8 19.6 29.4

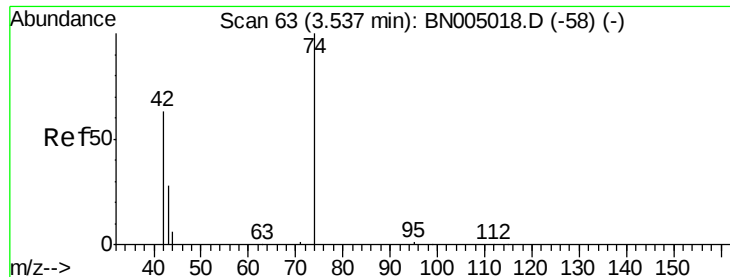


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.111 ng

RT: 3.55 min Scan# 65

Delta R.T. 0.02 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

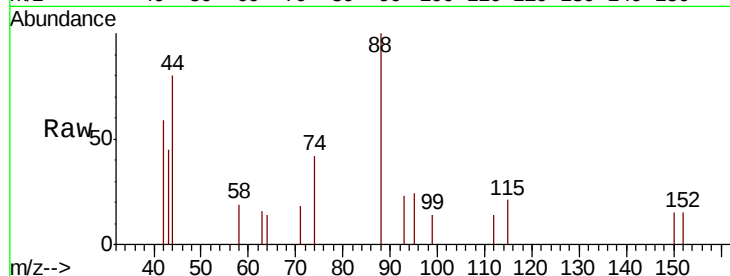
Tot Ion: 42 Resp: 183

Ion Ratio Lower Upper

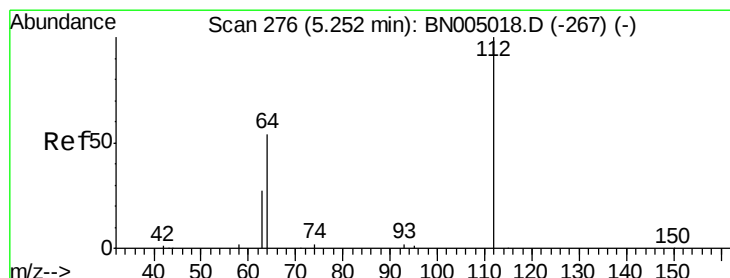
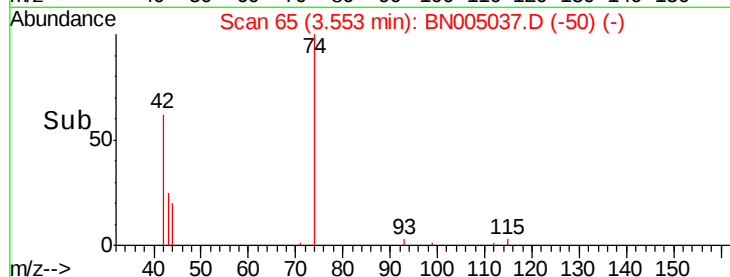
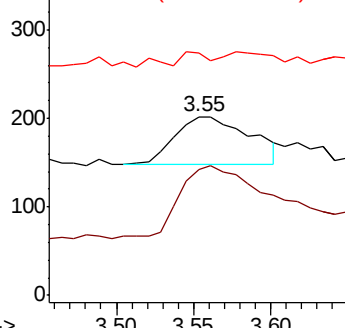
42 100

74 0.0 129.1 193.7#

44 14.8 11.6 17.4



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: 0.346 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

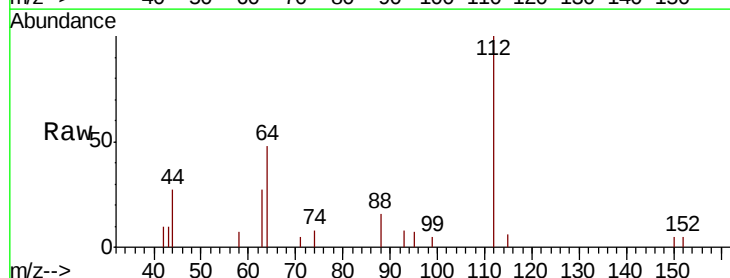
Tgt Ion: 112 Resp: 2177

Ion Ratio Lower Upper

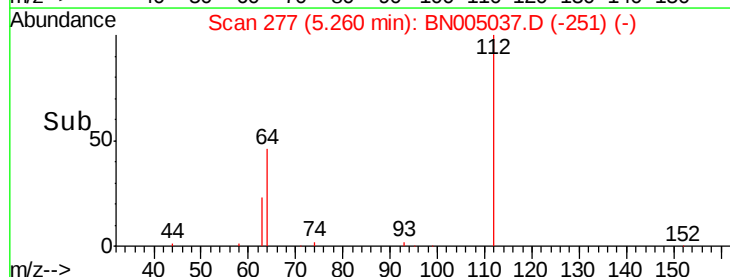
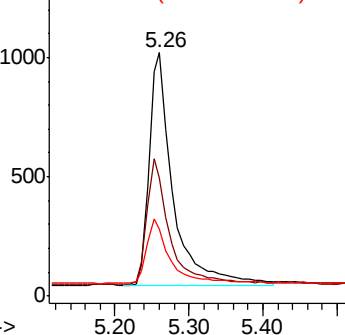
112 100

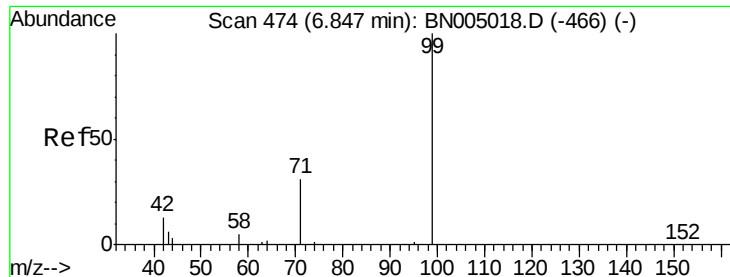
64 52.6 41.9 62.9

63 26.6 21.5 32.3



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: 0.334 ng

RT: 6.85 min Scan# 474

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

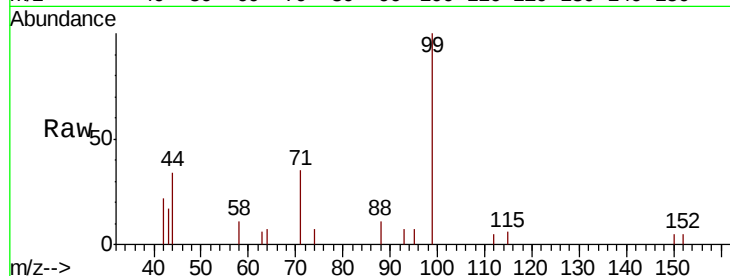
Tot Ion: 99 Resp: 2490

Ion Ratio Lower Upper

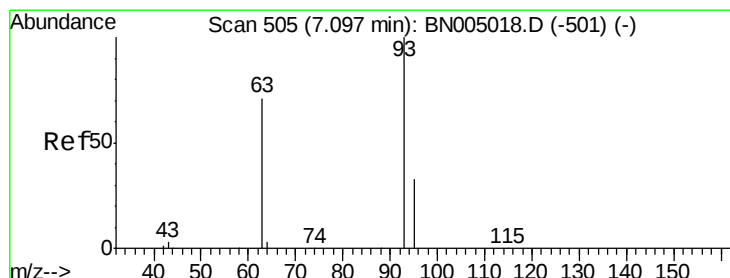
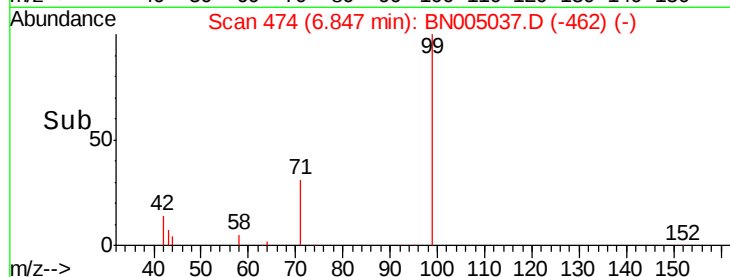
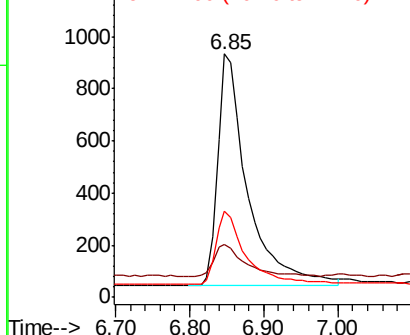
99 100

42 14.9 12.2 18.2

71 31.8 26.1 39.1



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



#6

bis(2-Chloroethyl)ether

Concen: 0.173 ng

RT: 7.10 min Scan# 506

Delta R.T. 0.01 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

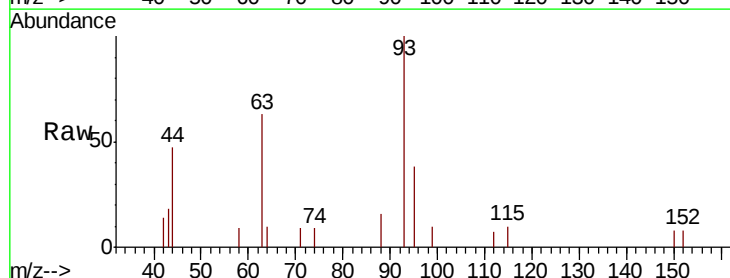
Tgt Ion: 93 Resp: 1218

Ion Ratio Lower Upper

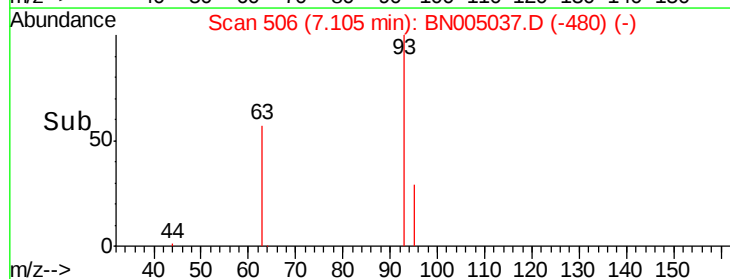
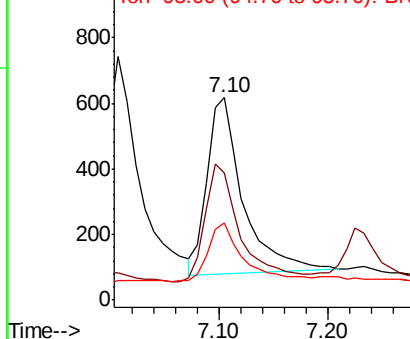
93 100

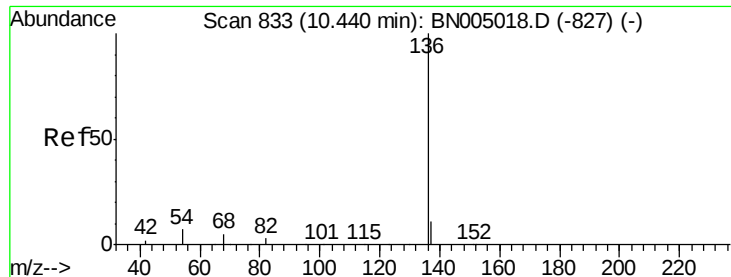
63 66.7 51.8 77.6

95 32.8 24.8 37.2



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tot Ion:136 Resp: 10496

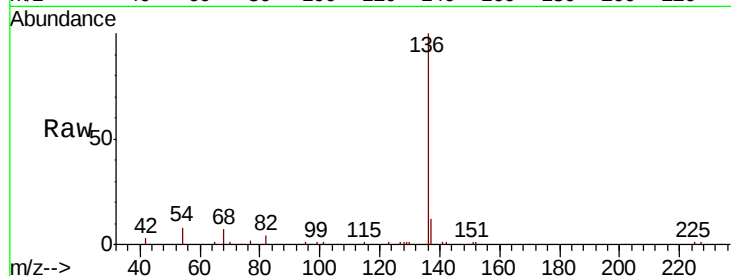
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 8.4 6.0 9.0

68 7.1 5.0 7.6

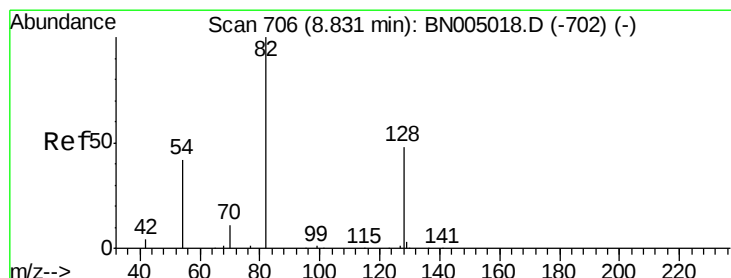
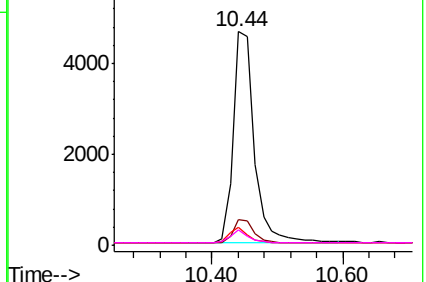
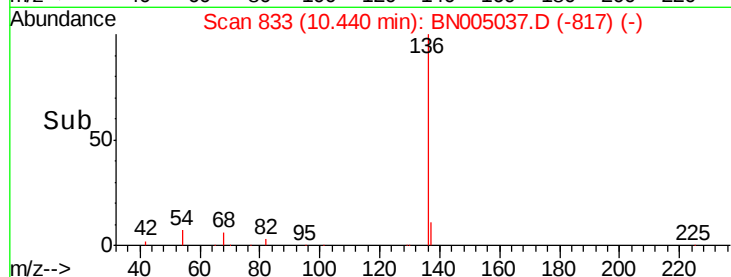


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.311 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

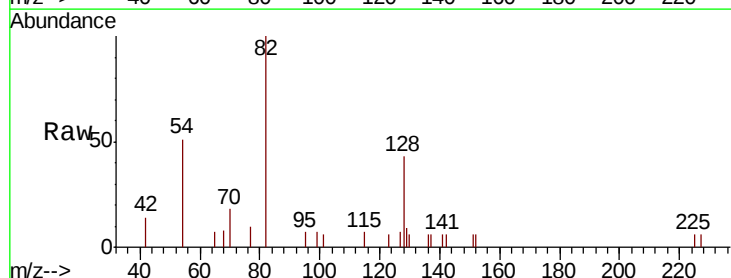
Tgt Ion: 82 Resp: 1894

Ion Ratio Lower Upper

82 100

128 42.6 40.5 60.7

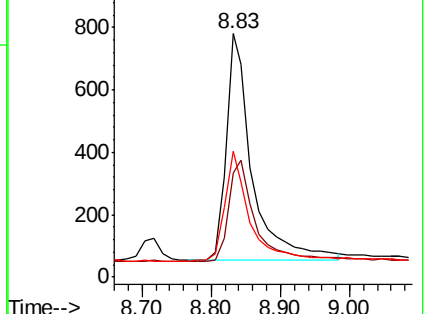
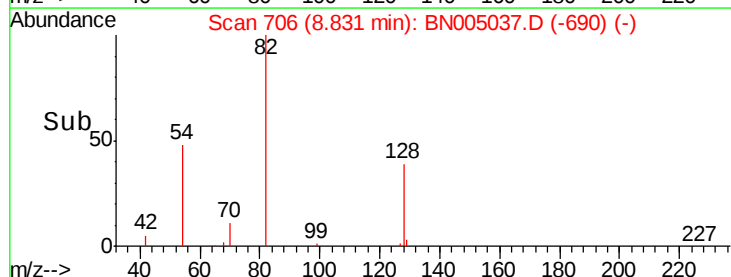
54 51.5 35.7 53.5

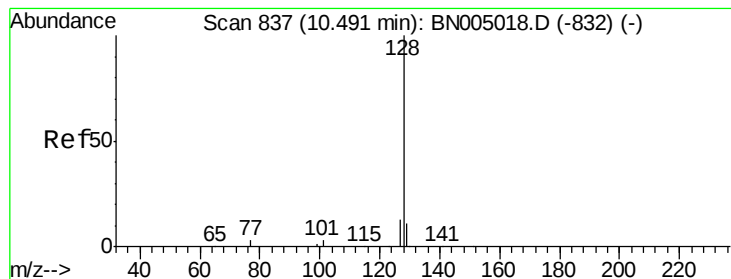


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.199 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

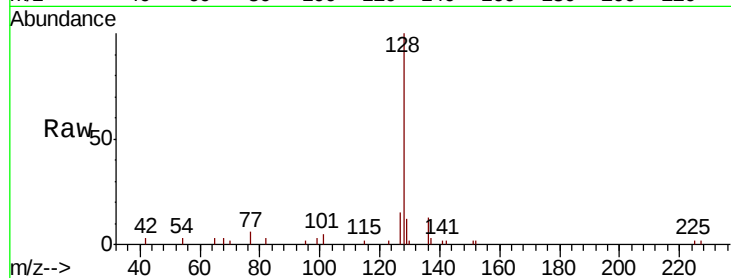
Tot Ion:128 Resp: 5255

Ion Ratio Lower Upper

128 100

129 12.4 9.4 14.2

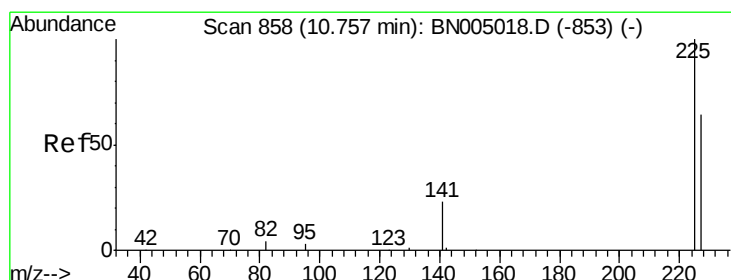
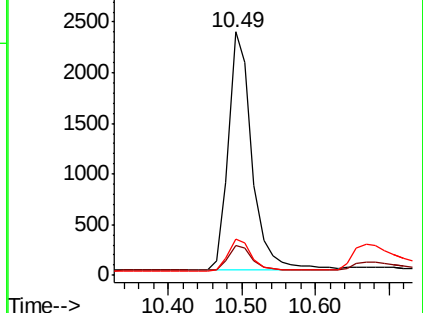
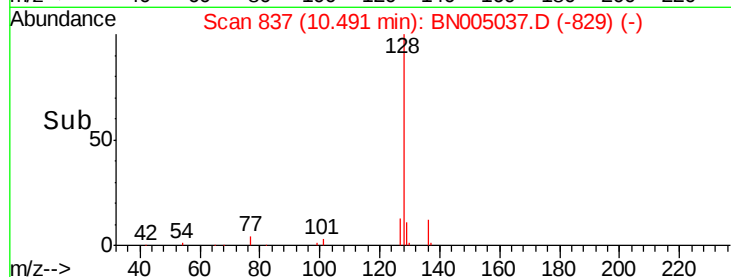
127 14.8 11.0 16.6



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: 0.204 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

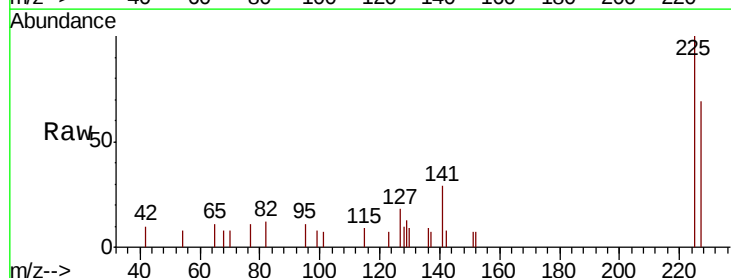
Tgt Ion:225 Resp: 998

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

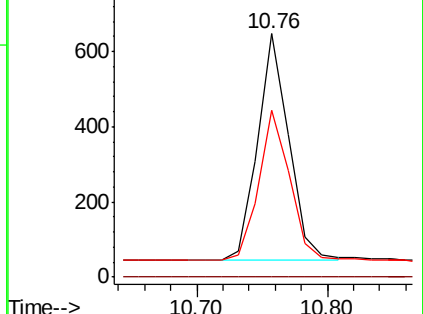
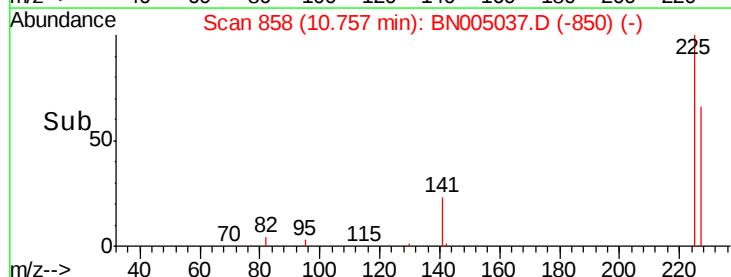
227 65.4 51.5 77.3

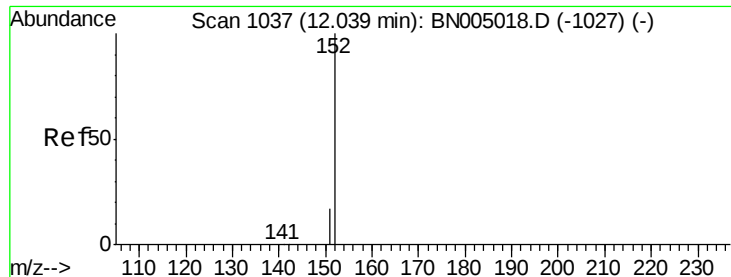


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

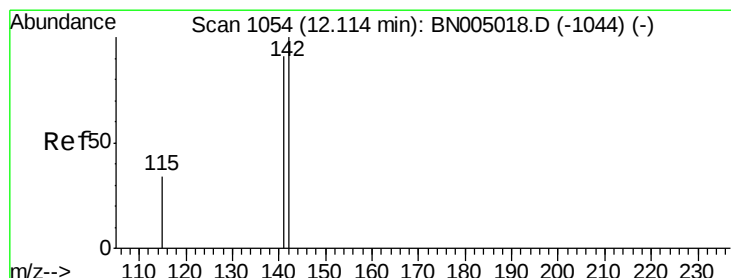
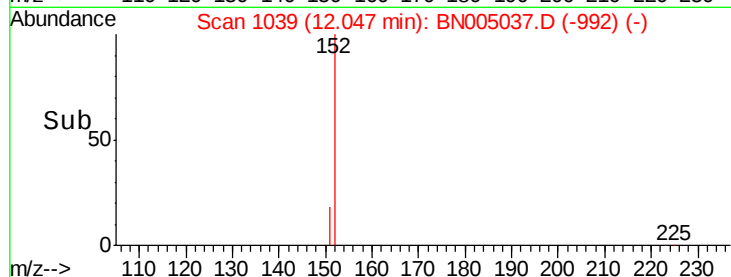
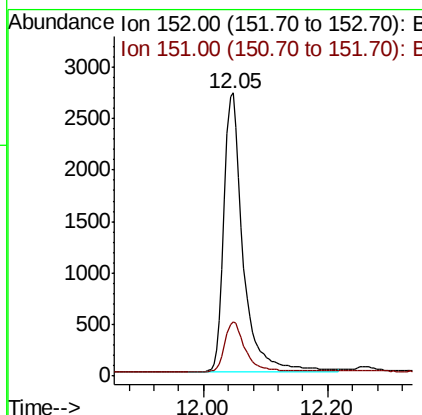
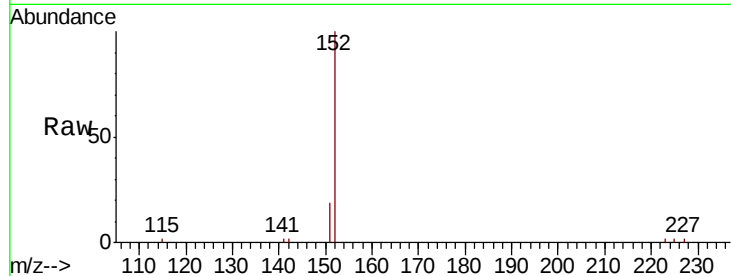




#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.05 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

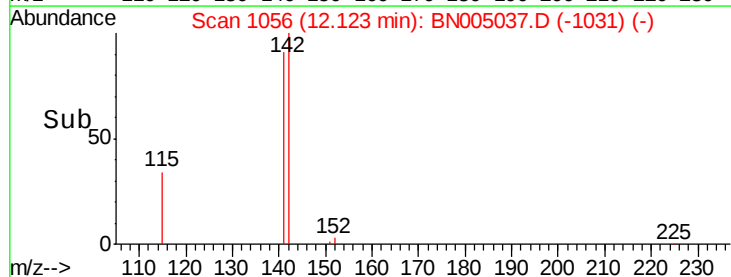
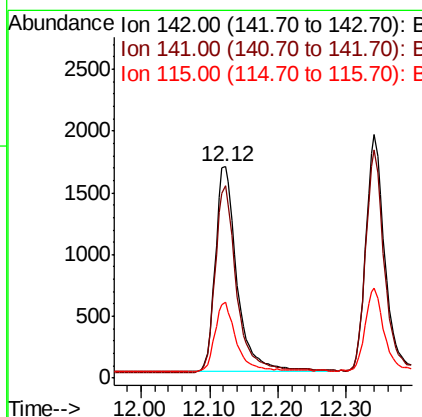
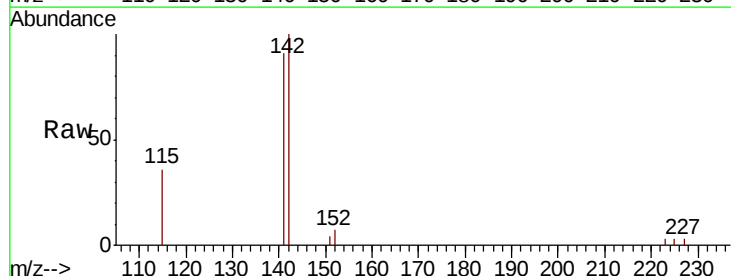
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

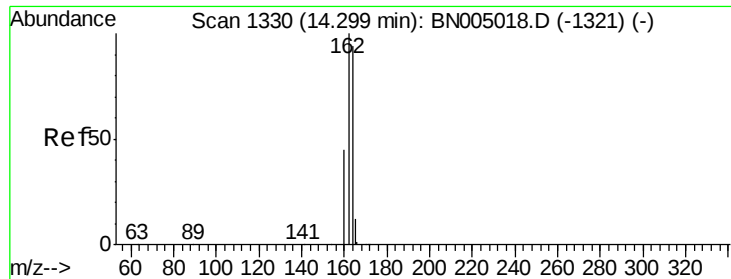
Tot Ion:152 Resp: 5795
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.193 ng
RT: 12.12 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:142 Resp: 3671
Ion Ratio Lower Upper
142 100
141 90.9 72.6 108.8
115 36.1 27.8 41.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

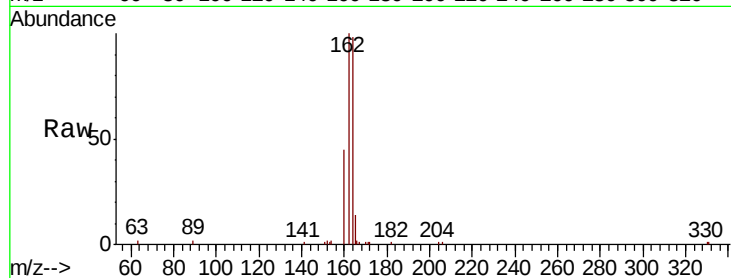
Tot Ion:164 Resp: 6365

Ion Ratio Lower Upper

164 100

162 101.9 85.3 127.9

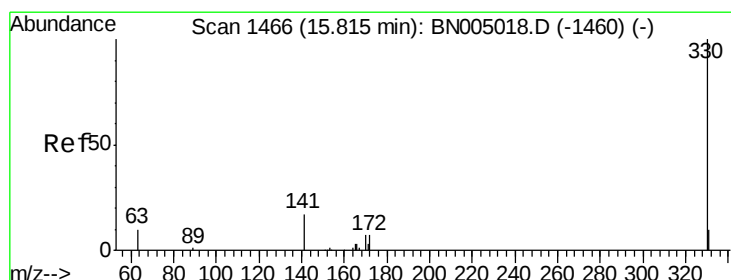
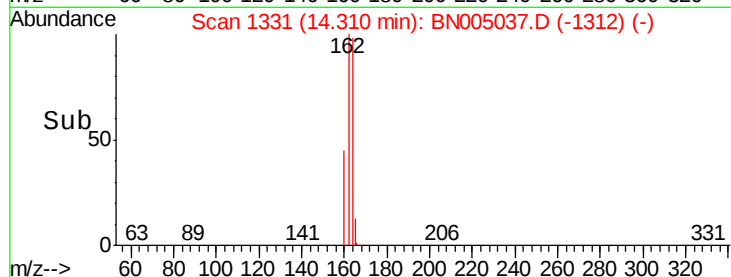
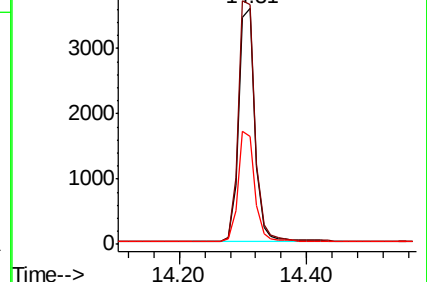
160 46.1 39.2 58.8



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: 0.302 ng

RT: 15.83 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

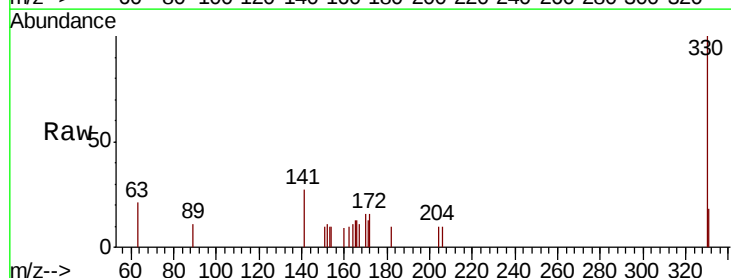
Tgt Ion:330 Resp: 1077

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

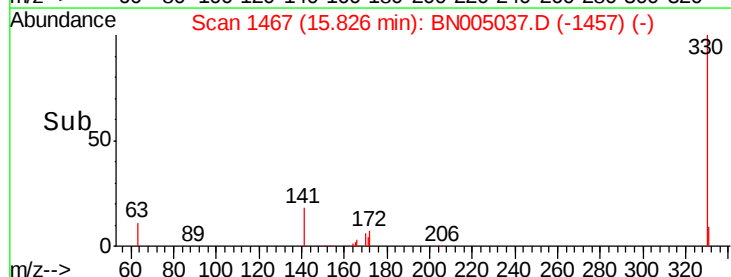
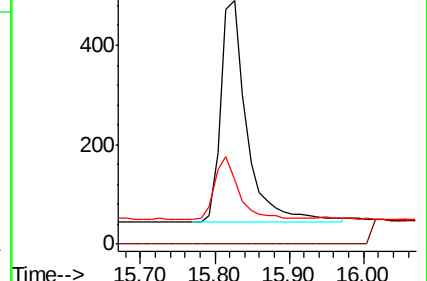
141 26.6 21.3 31.9

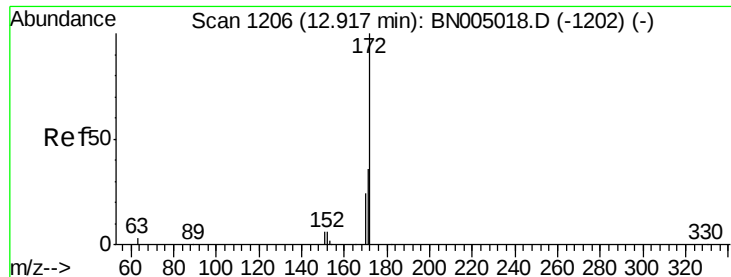


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

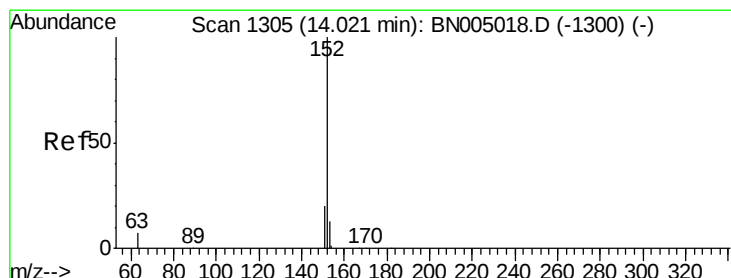
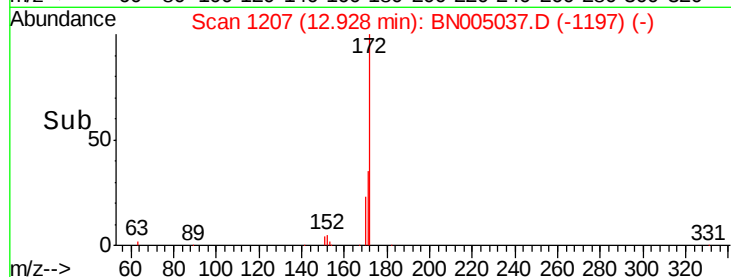
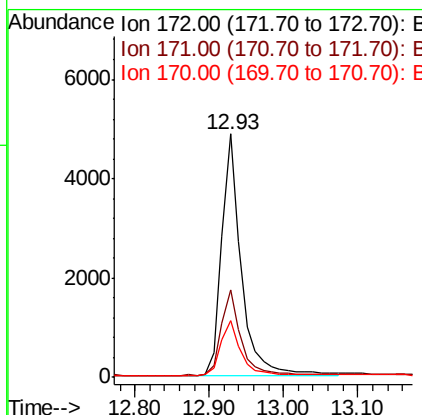
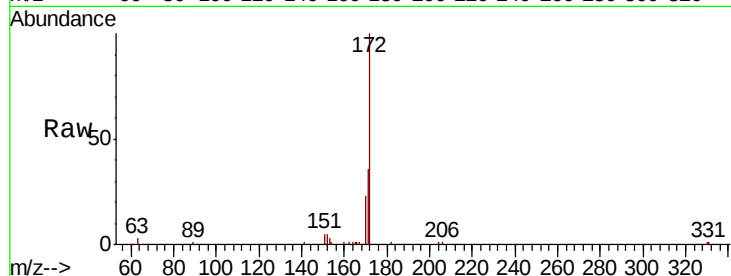




#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

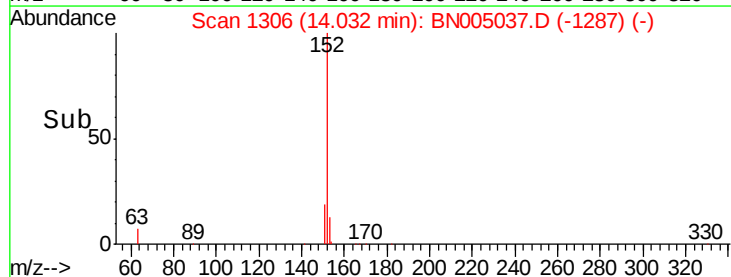
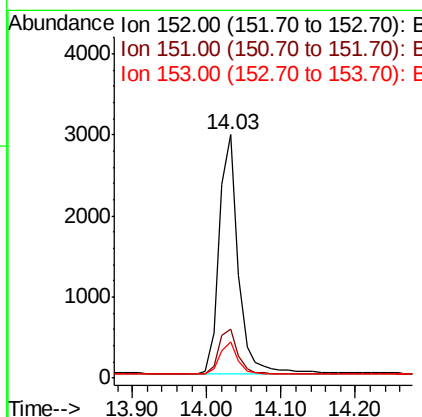
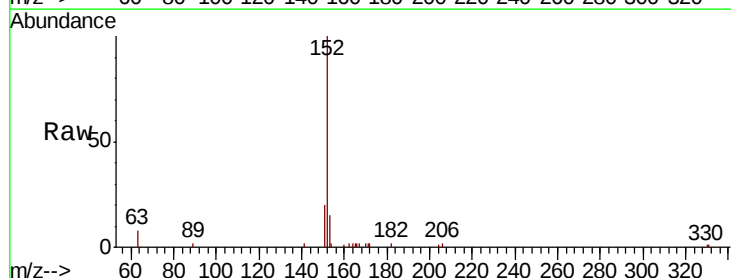
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

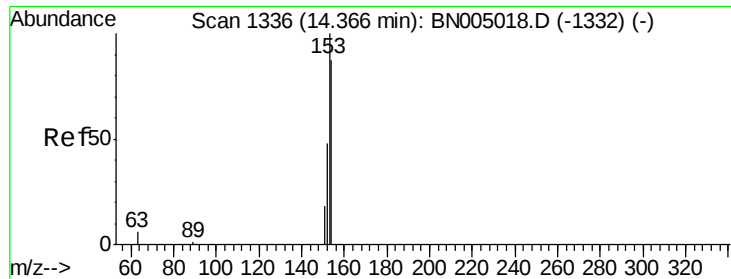
Tot Ion:172 Resp: 8837
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.4 20.0 30.0



#16
Acenaphthylene
Concen: 0.177 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:152 Resp: 5303
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.3 10.6 15.8





#17

Acenaphthene

Concen: 0.198 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

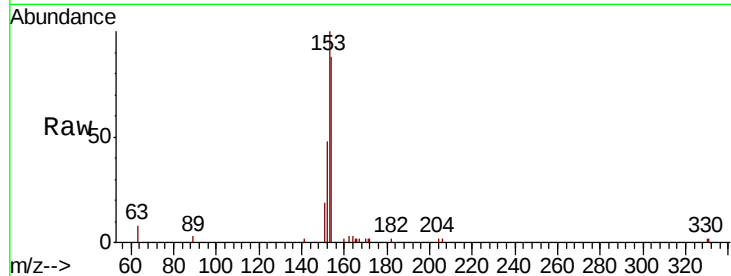
Tot Ion:154 Resp: 3773

Ion Ratio Lower Upper

154 100

153 114.6 92.1 138.1

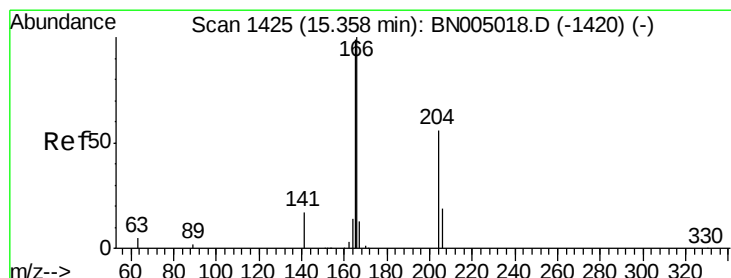
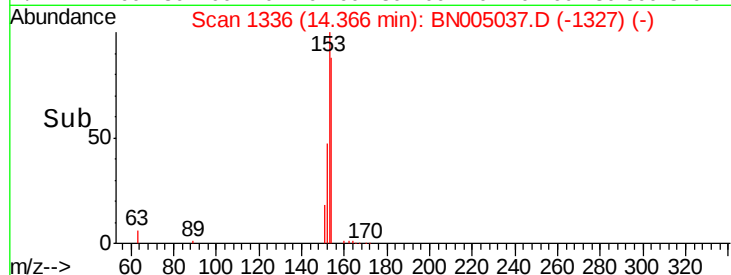
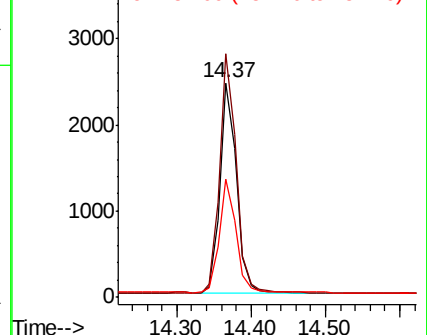
152 54.5 44.2 66.2



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: 0.196 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

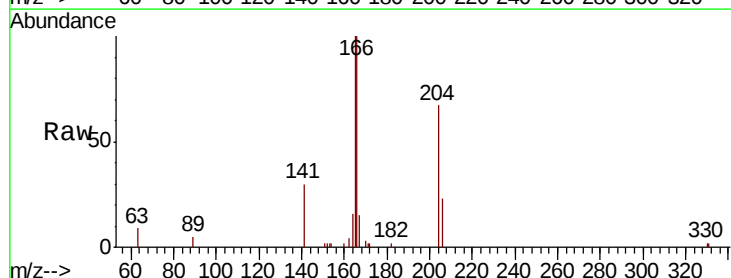
Tgt Ion:166 Resp: 5028

Ion Ratio Lower Upper

166 100

165 98.4 78.7 118.1

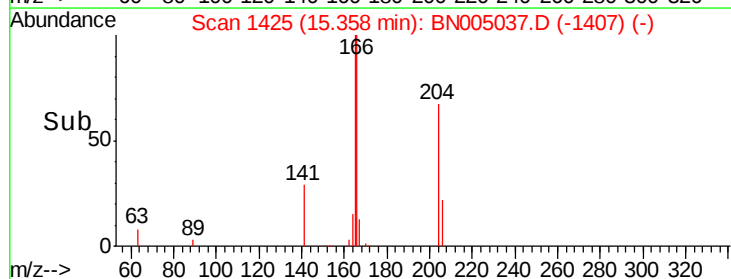
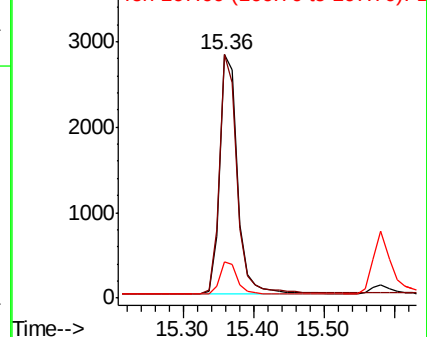
167 13.3 10.9 16.3

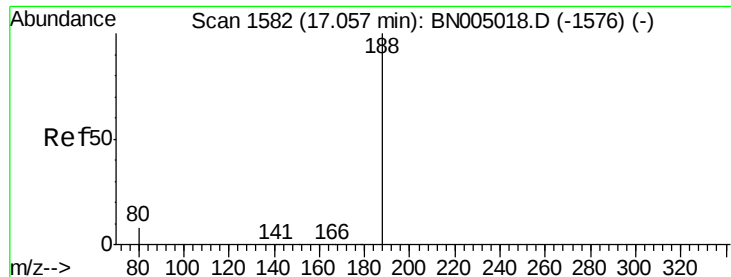


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

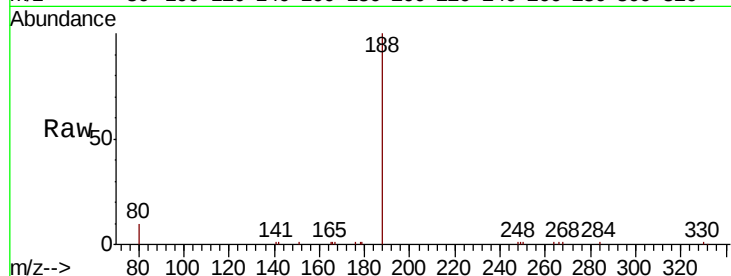
Tot Ion:188 Resp: 15925

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

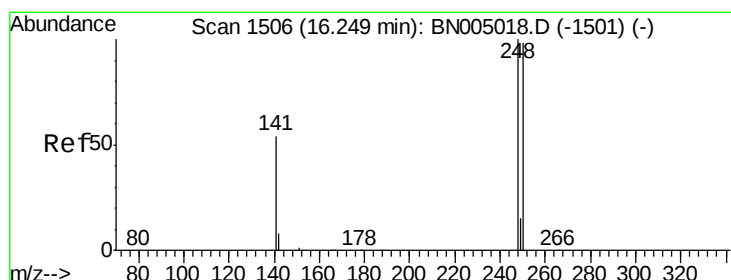
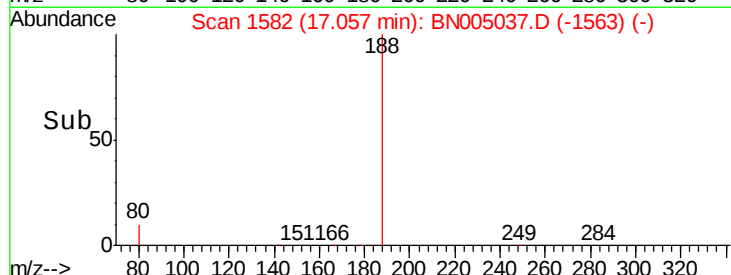
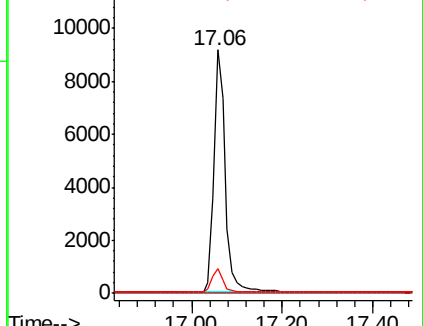
80 10.3 6.9 10.3



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: 0.185 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

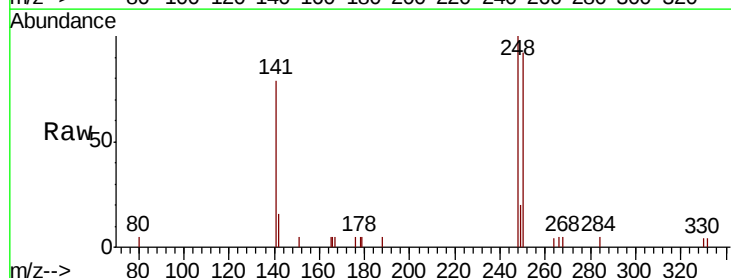
Tgt Ion:248 Resp: 1686

Ion Ratio Lower Upper

248 100

250 91.5 78.6 117.8

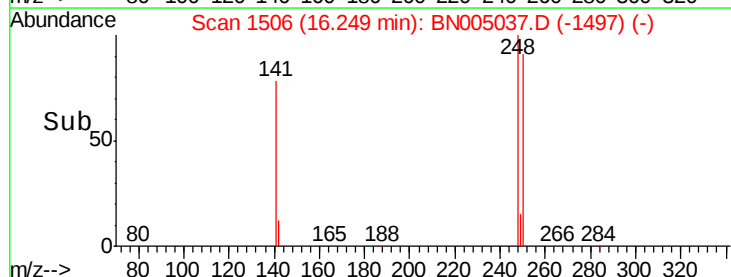
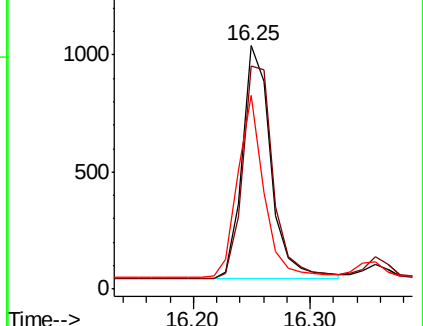
141 79.3 43.6 65.4#

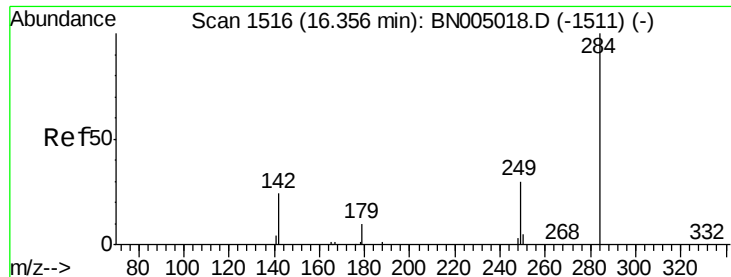


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

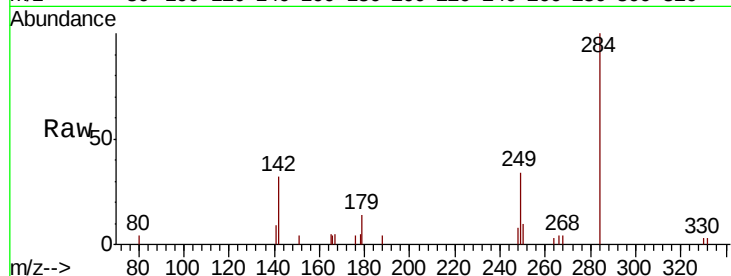




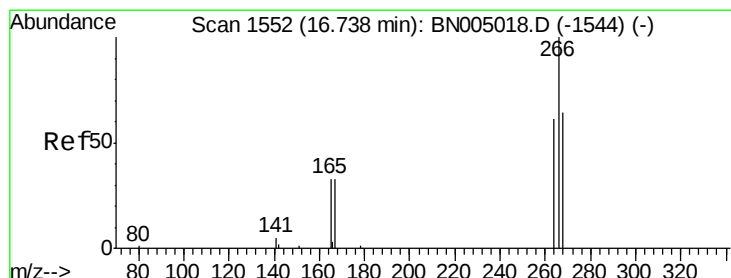
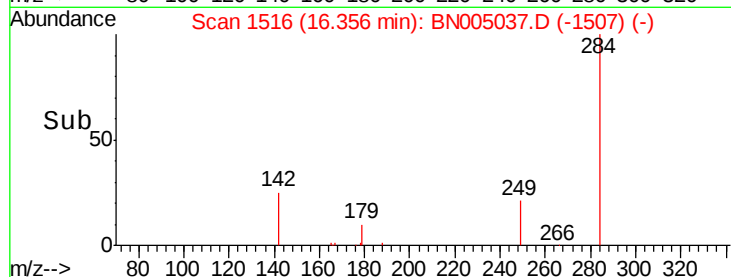
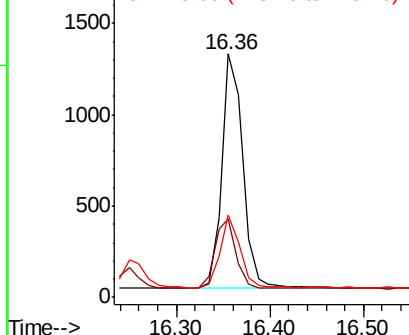
#21
Hexachlorobenzene
Concen: 0.199 ng
RT: 16.36 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:284 Resp: 2003
Ion Ratio Lower Upper
284 100
142 30.1 24.9 37.3
249 29.2 23.8 35.6

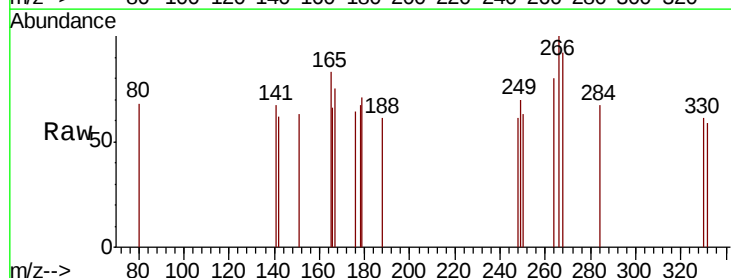


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

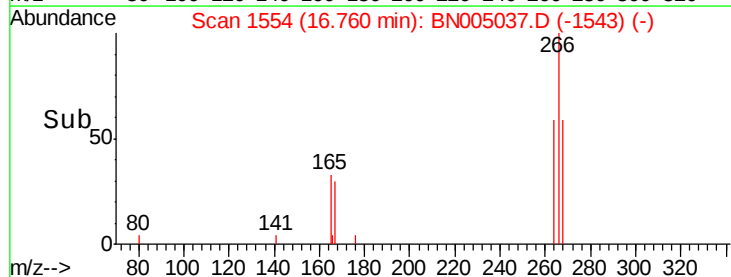
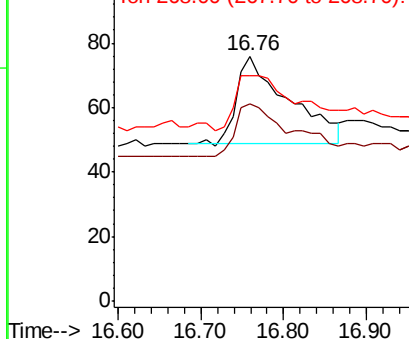


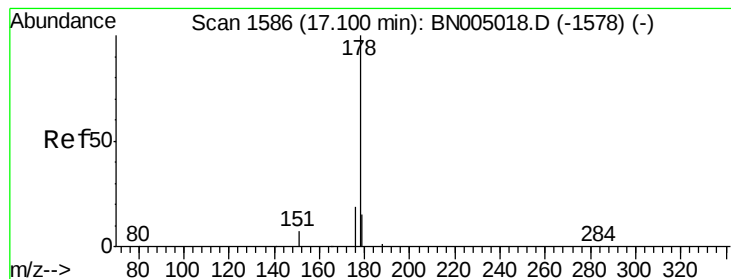
#22
Pentachlorophenol
Concen: 0.147 ng
RT: 16.76 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:266 Resp: 116
Ion Ratio Lower Upper
266 100
264 80.3 53.4 80.0#
268 92.1 58.9 88.3#



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: 0.192 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

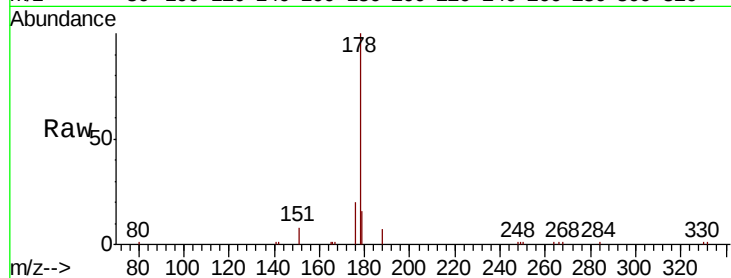
Tot Ion:178 Resp: 8579

Ion Ratio Lower Upper

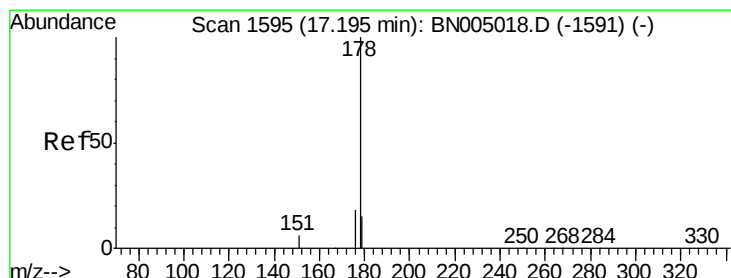
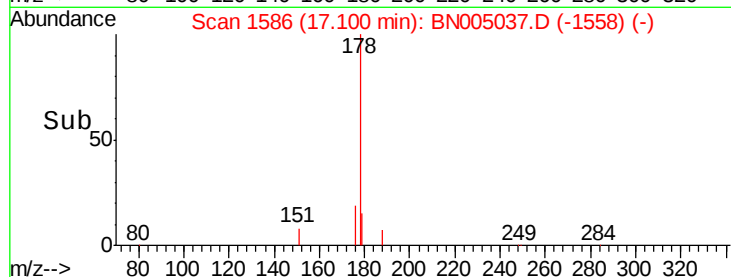
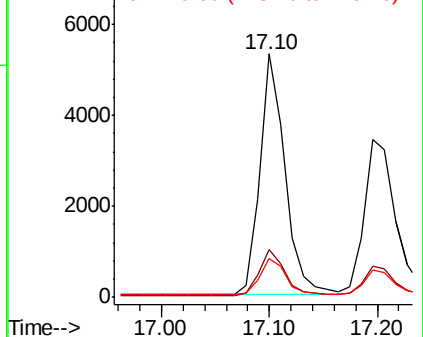
178 100

176 18.9 15.1 22.7

179 15.7 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



#24

Anthracene

Concen: 0.175 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

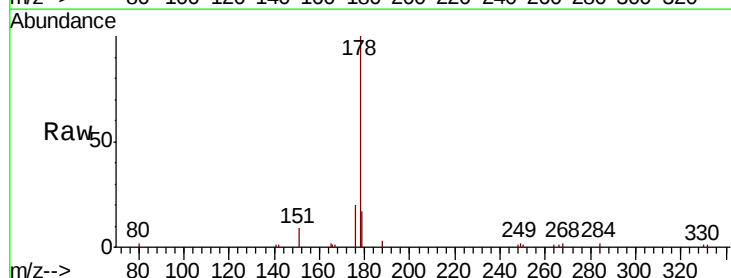
Tgt Ion:178 Resp: 6939

Ion Ratio Lower Upper

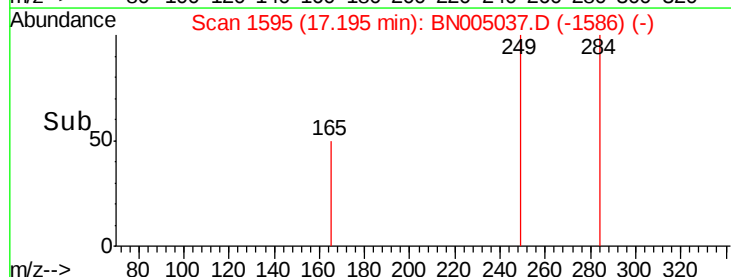
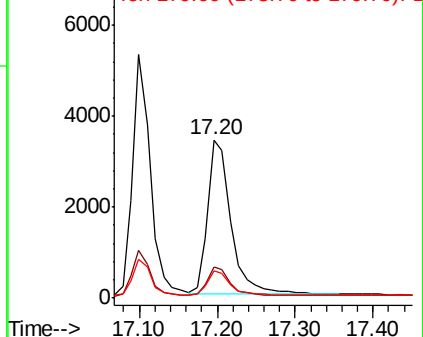
178 100

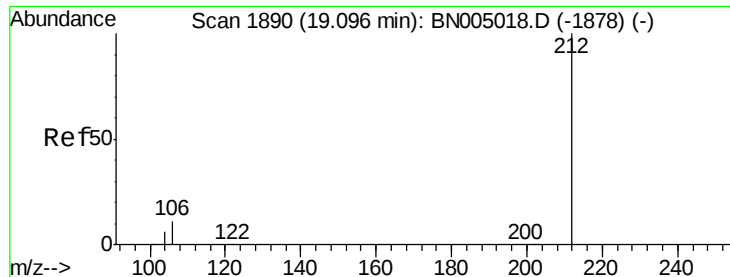
176 18.1 14.6 22.0

179 15.5 12.3 18.5



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: 0.347 ng

RT: 19.10 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

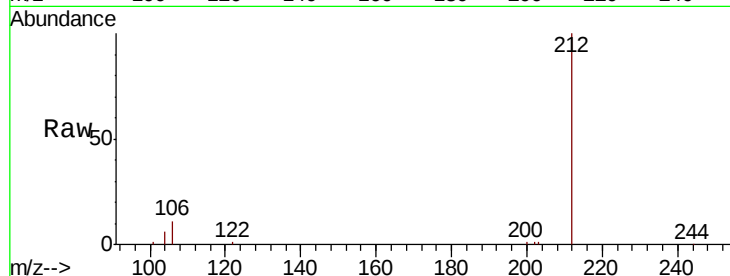
Tot Ion:212 Resp: 15783

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.2

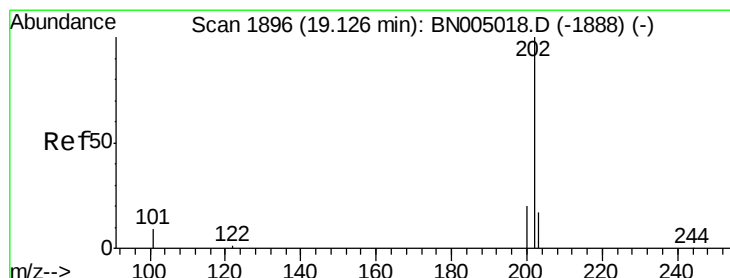
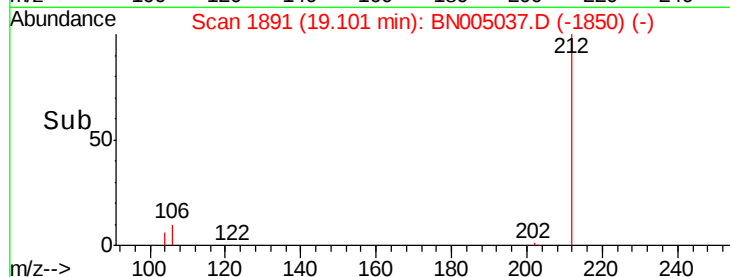
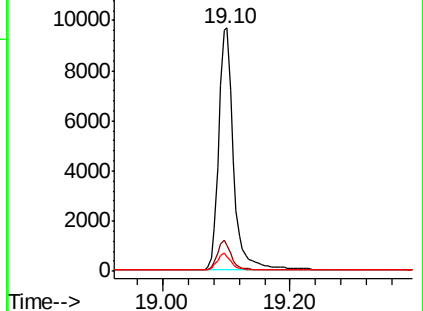
104 6.5 5.4 8.0



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: 0.190 ng

RT: 19.13 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

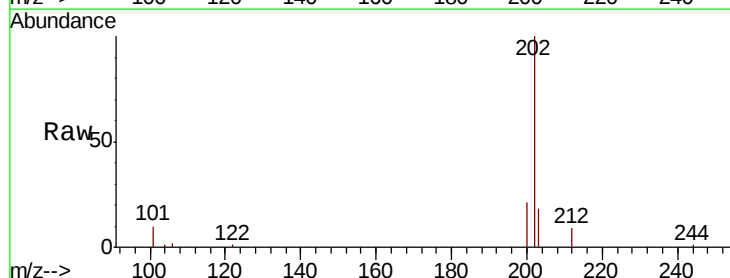
Tgt Ion:202 Resp: 10367

Ion Ratio Lower Upper

202 100

101 10.4 8.2 12.2

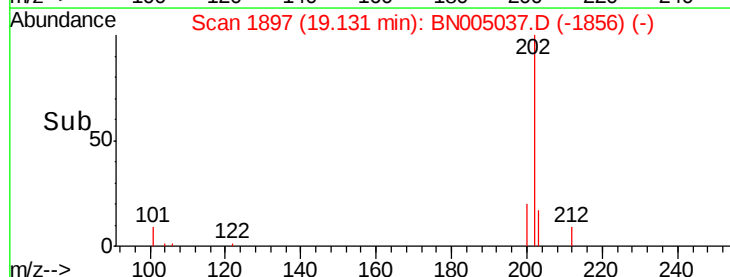
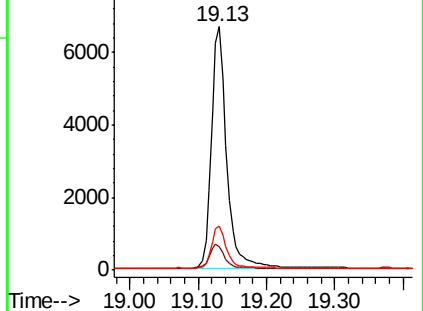
203 17.1 13.8 20.8

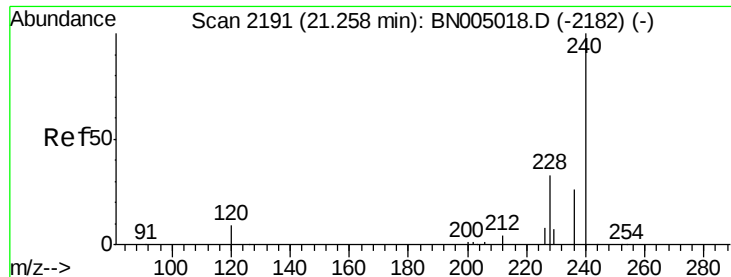


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

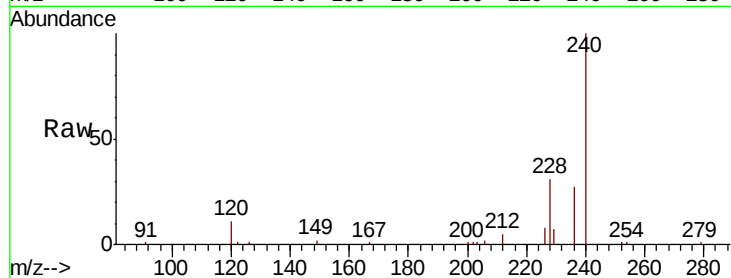
Tot Ion:240 Resp: 17733

Ion Ratio Lower Upper

240 100

120 10.8 7.4 11.0

236 26.8 21.0 31.6

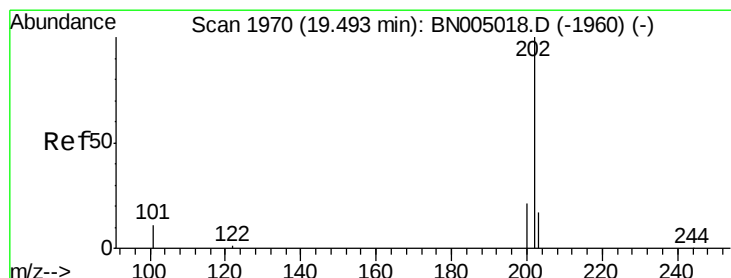
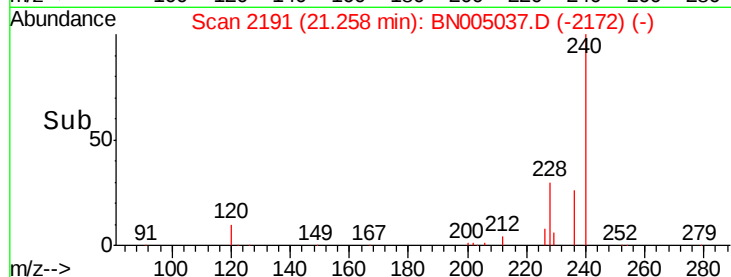
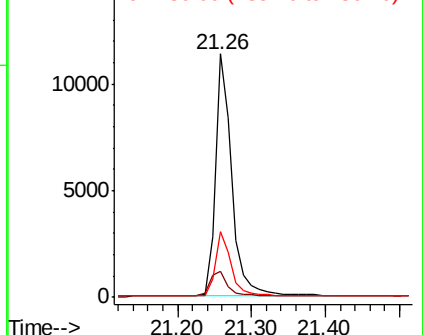


Abundance

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: 0.205 ng

RT: 19.50 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

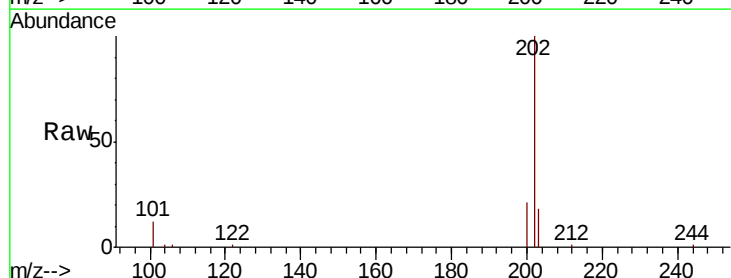
Tgt Ion:202 Resp: 10340

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

203 17.5 13.9 20.9

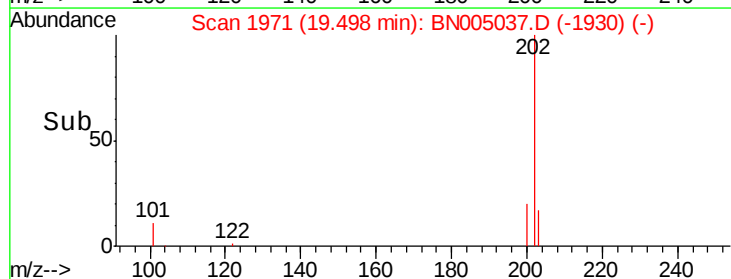
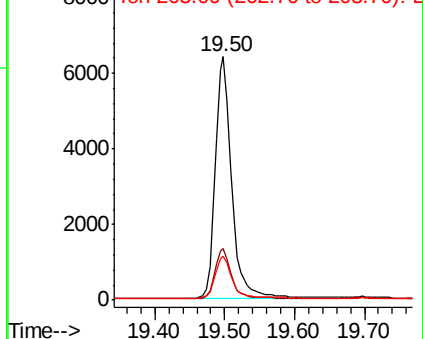


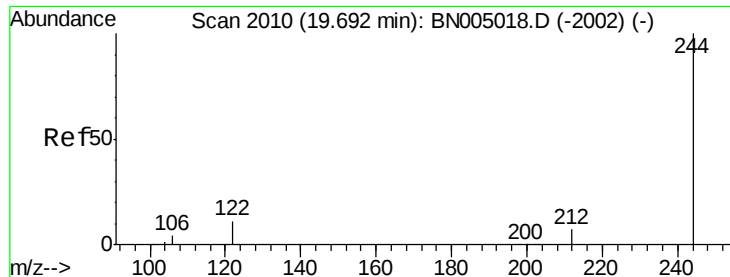
Abundance

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: 0.401 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

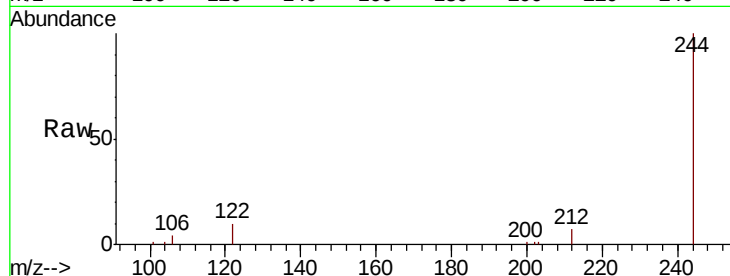
Tot Ion:244 Resp: 14620

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

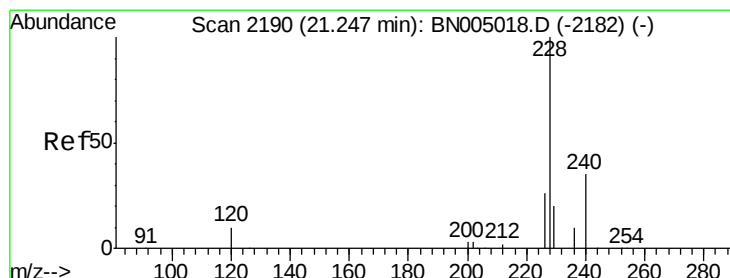
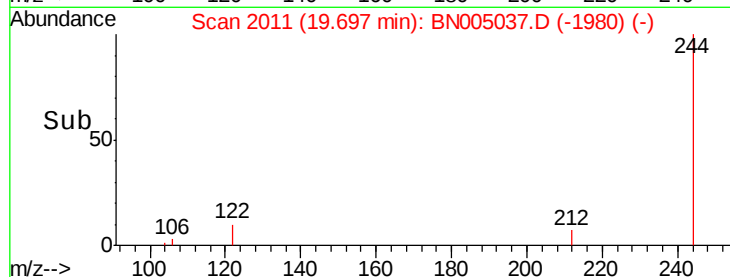
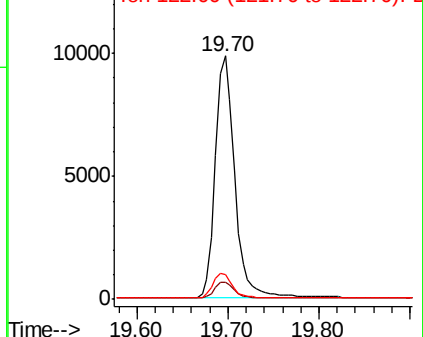
122 10.0 9.0 13.4



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: 0.191 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

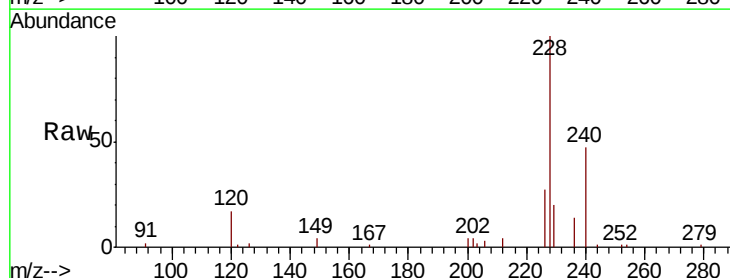
Tgt Ion:228 Resp: 9544

Ion Ratio Lower Upper

228 100

226 27.1 20.9 31.3

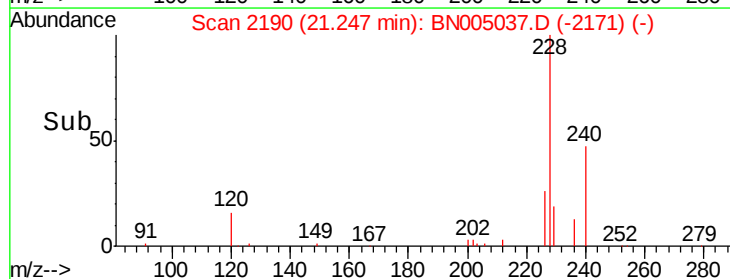
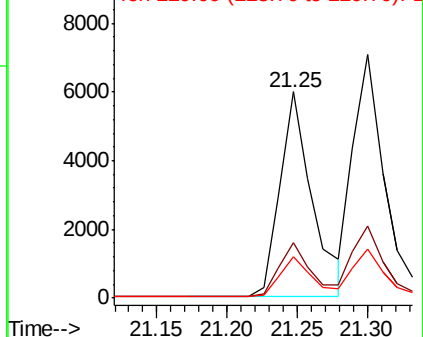
229 20.2 16.2 24.2

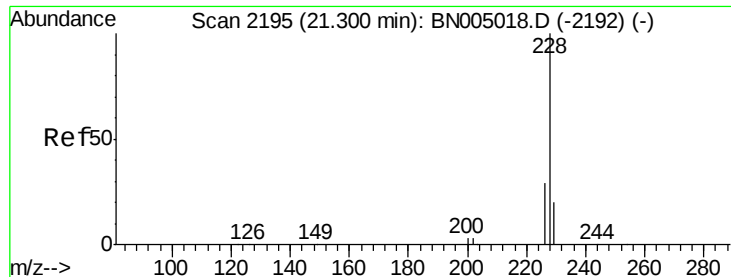


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.200 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument:

BNA_N

ClientSampleId:

LOQ-WATER-02-QT1-2019

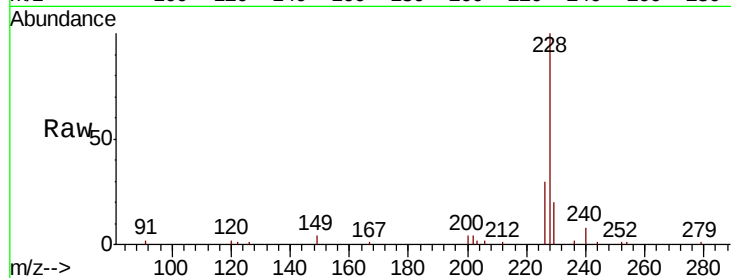
Tot Ion:228 Resp: 10786

Ion Ratio Lower Upper

228 100

226 29.6 22.8 34.2

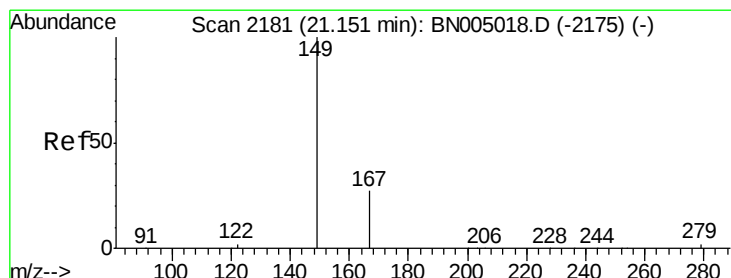
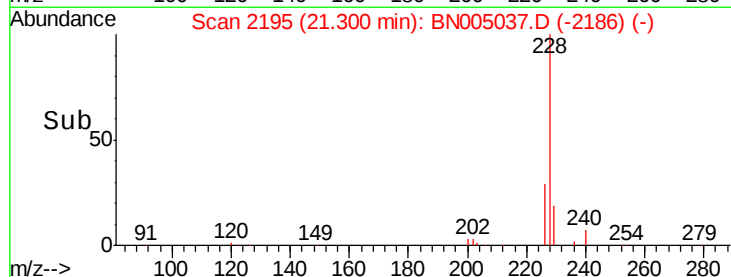
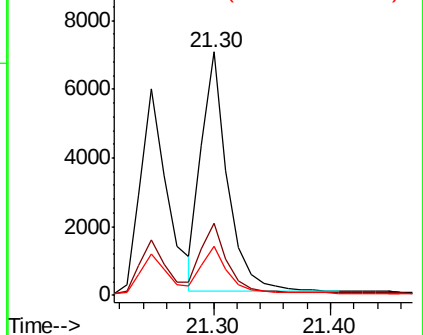
229 19.9 16.2 24.4



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: 0.154 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

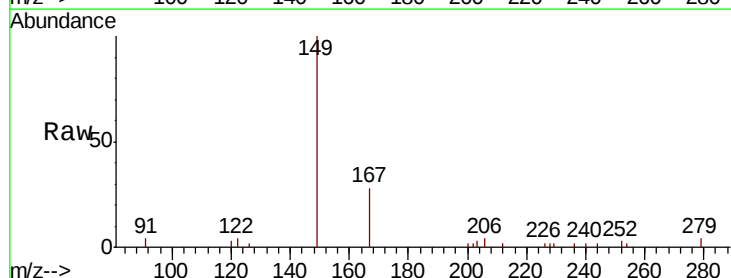
Tgt Ion:149 Resp: 3222

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

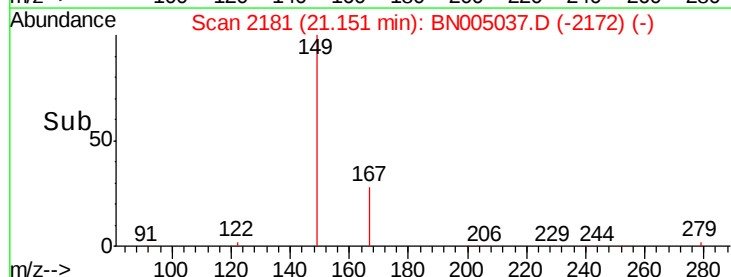
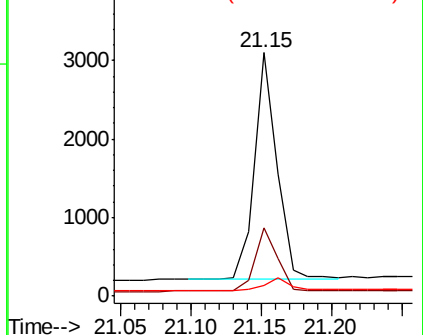
279 5.7 4.2 6.4

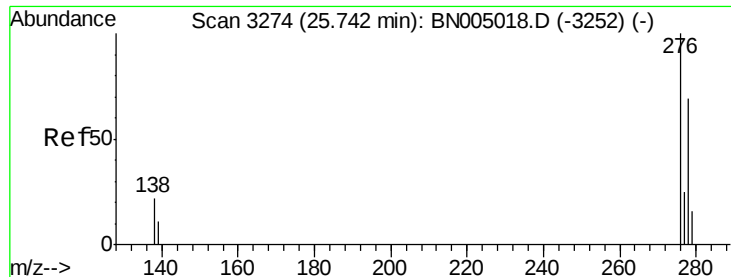


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.191 ng

RT: 25.75 min Scan# 3277

Delta R.T. 0.01 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

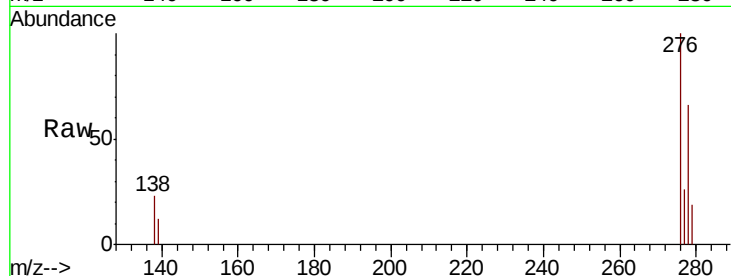
Tot Ion:276 Resp: 11602

Ion Ratio Lower Upper

276 100

138 22.1 18.2 27.2

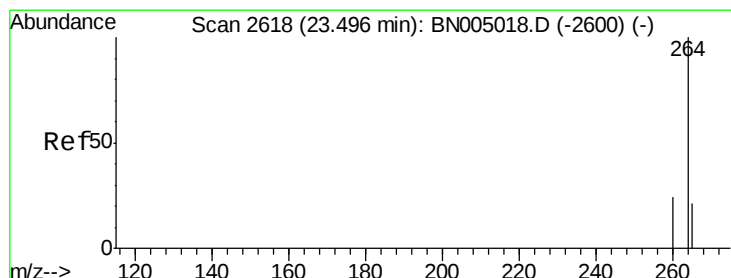
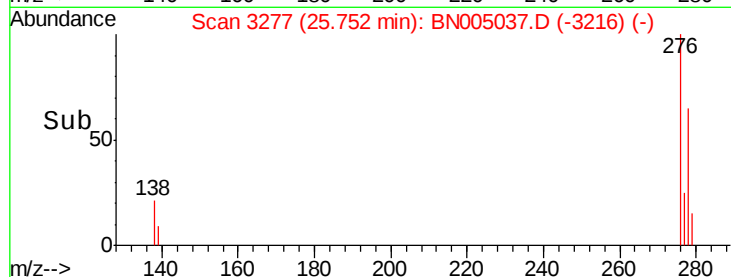
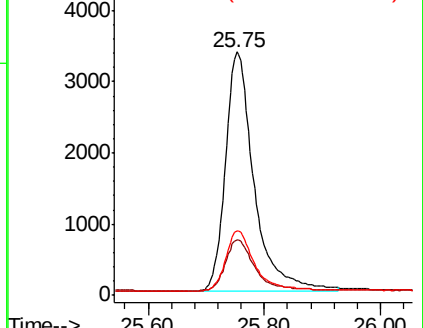
277 25.2 20.3 30.5



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. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

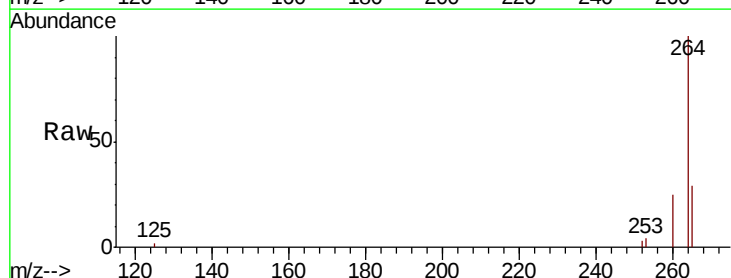
Tgt Ion:264 Resp: 17508

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

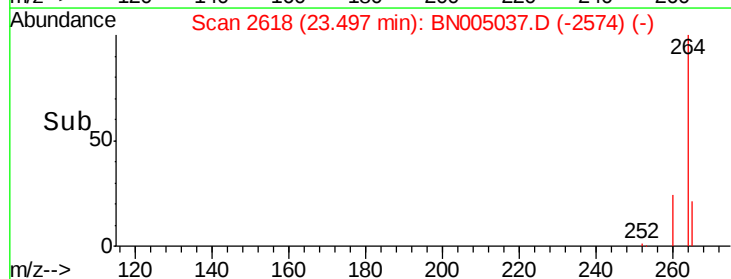
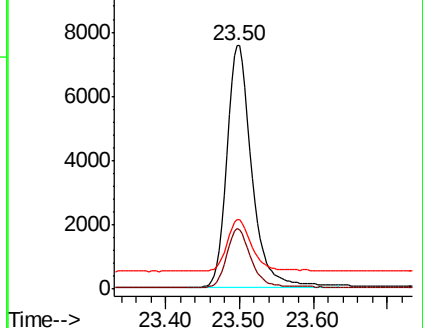
265 28.6 22.5 33.7

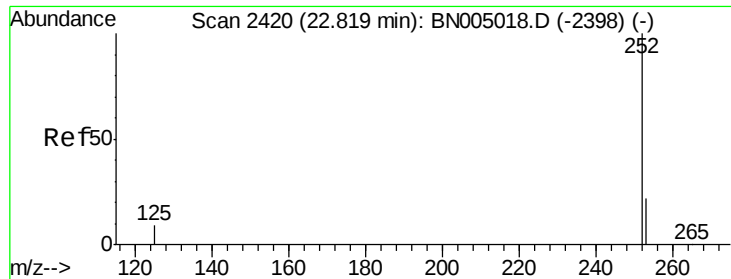


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.190 ng

RT: 22.82 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

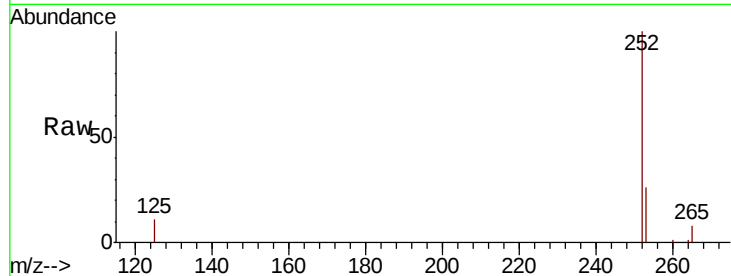
Tot Ion:252 Resp: 10641

Ion Ratio Lower Upper

252 100

253 25.7 19.2 28.8

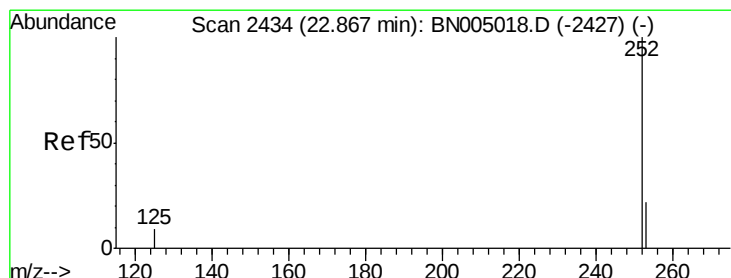
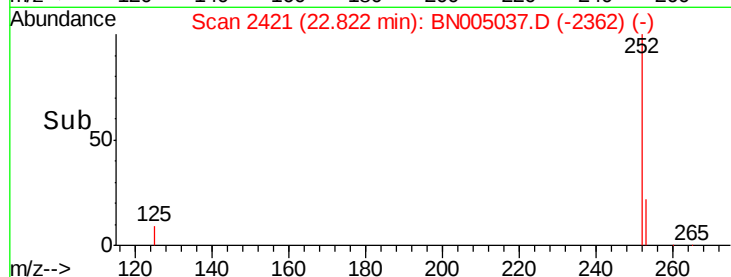
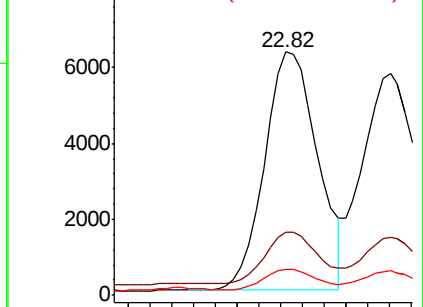
125 10.9 8.2 12.2



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



#36

Benzo(k)fluoranthene

Concen: 0.197 ng

RT: 22.87 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

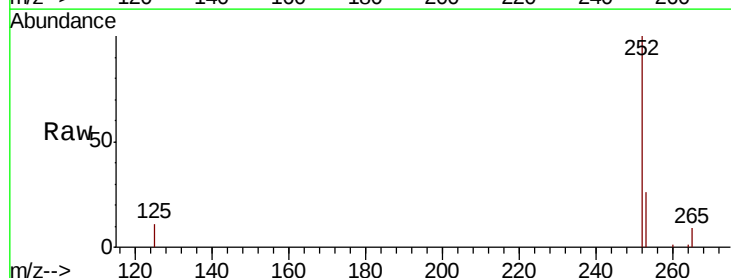
Tgt Ion:252 Resp: 10695

Ion Ratio Lower Upper

252 100

253 26.2 19.3 28.9

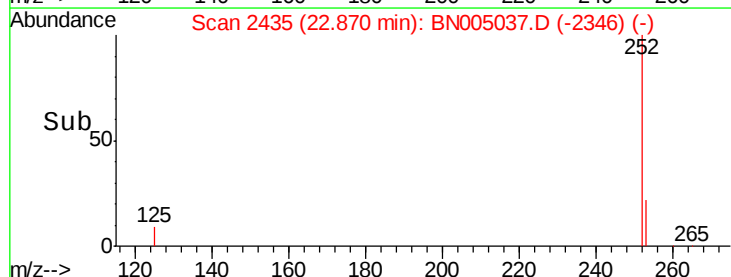
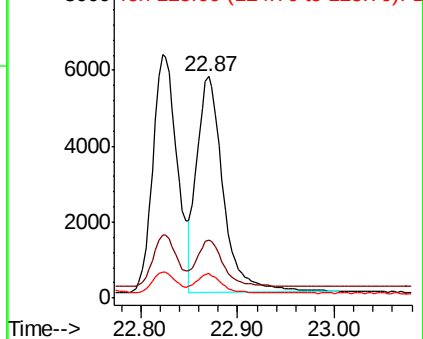
125 11.0 8.2 12.2

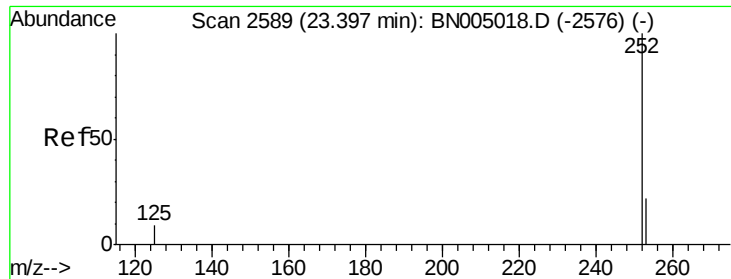


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.189 ng

RT: 23.40 min Scan# 2590

Delta R.T. 0.00 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

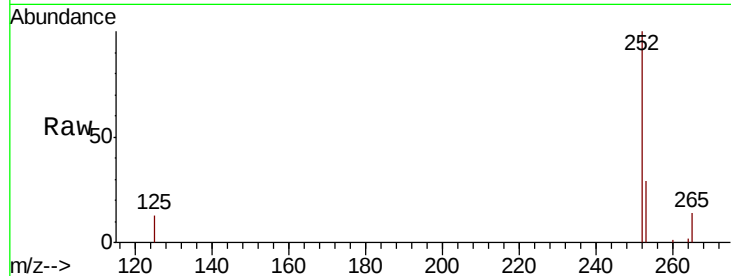
Tot Ion:252 Resp: 9438

Ion Ratio Lower Upper

252 100

253 28.8 20.2 30.2

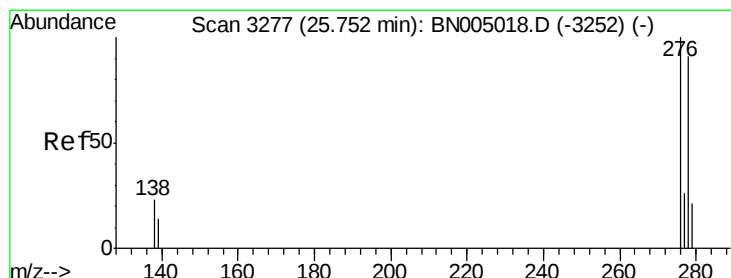
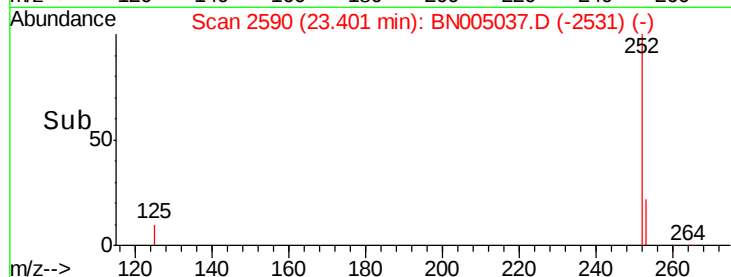
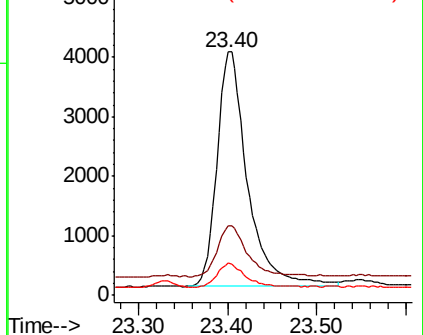
125 13.1 9.2 13.8



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: 0.186 ng

RT: 25.76 min Scan# 3280

Delta R.T. 0.01 min

Lab File: BN005037.D

Acq: 29 Mar 2019 17:03

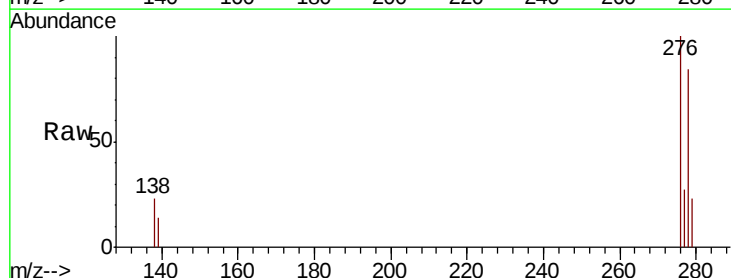
Tgt Ion:278 Resp: 9313

Ion Ratio Lower Upper

278 100

139 17.1 13.1 19.7

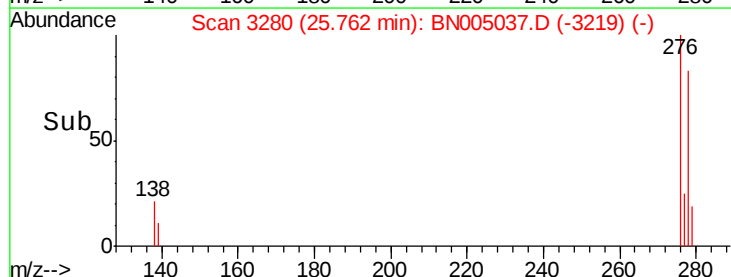
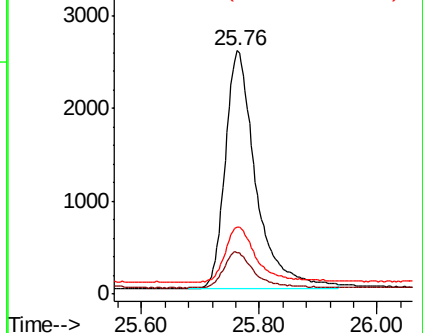
279 27.5 20.2 30.2

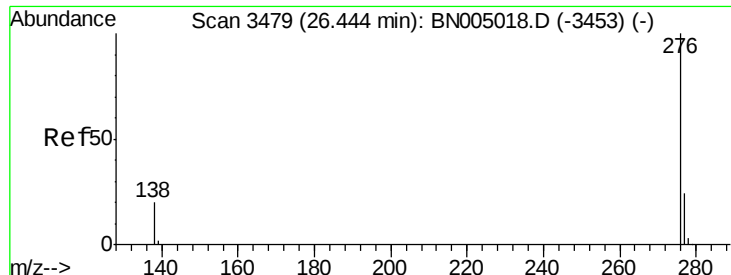


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.198 ng

RT: 26.45 min Scan# 3482

Delta R.T. 0.01 min

Lab File: BN005037.D

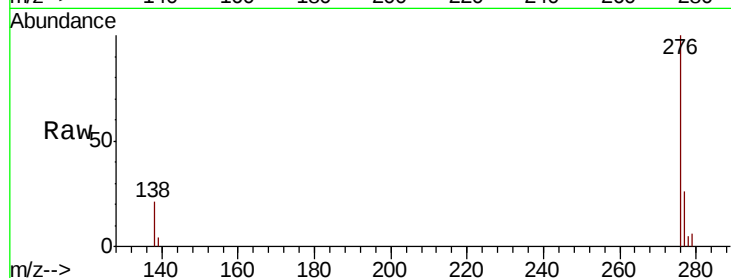
Acq: 29 Mar 2019 17:03

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019



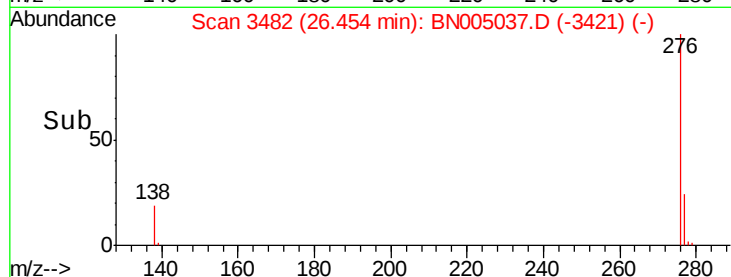
Tot Ion: 276 Resp: 9962

Ion Ratio Lower Upper

276 100

277 25.9 19.8 29.6

138 21.2 16.4 24.6



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

