

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
 Data File : BN005036.D
 Acq On : 29 Mar 2019 16:28
 Operator : JU/SJ
 Sample : K1560-07
 Misc : LOD 0.1 PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Quant Time: Mar 29 23:49:51 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	10.45	136	10214	0.40	ng	0.01
13) Acenaphthene-d10	14.31	164	6263	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	15692	0.40	ng	0.01
27) Chrysene-d12	21.27	240	17536	0.40	ng	0.01
34) Perylene-d12	23.50	264	17307	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2390	0.38	ng	0.00
5) Phenol-d6	6.85	99	2662	0.36	ng	0.00
8) Nitrobenzene-d5	8.84	82	2006	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	5838	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1131	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.93	172	9312	0.39	ng	0.01
25) Fluoranthene-d10	19.10	212	16145	0.36	ng	0.00
29) Terphenyl-d14	19.70	244	16096	0.45	ng	0.00

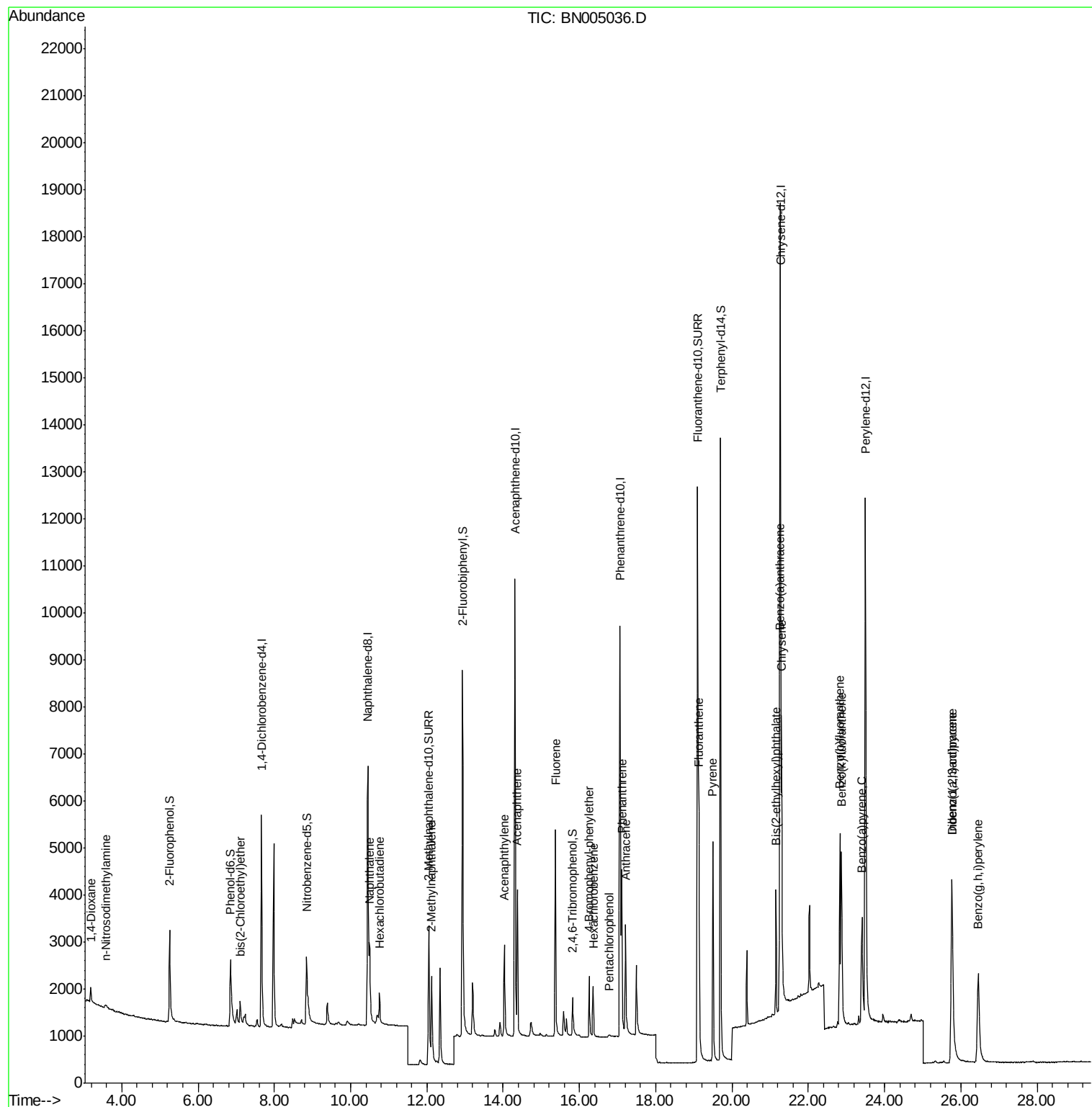
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.19	88	279	0.103	ng	94
3) n-Nitrosodimethylamine	3.58	42	66	0.040	ng	95
6) bis(2-Chloroethyl)ether	7.10	93	655	0.093	ng	92
9) Naphthalene	10.50	128	2586	0.101	ng	# 92
10) Hexachlorobutadiene	10.76	225	488	0.102	ng	# 96
12) 2-Methylnaphthalene	12.12	142	1801	0.097	ng	97
16) Acenaphthylene	14.03	152	2532	0.086	ng	99
17) Acenaphthene	14.37	154	1825	0.097	ng	99
18) Fluorene	15.37	166	2435	0.097	ng	98
20) 4-Bromophenyl-phenylether	16.26	248	818	0.091	ng	95
21) Hexachlorobenzene	16.37	284	987	0.100	ng	98
22) Pentachlorophenol	16.77	266	54	0.117	ng	# 72
23) Phenanthrene	17.11	178	4216	0.096	ng	99
24) Anthracene	17.21	178	3385	0.087	ng	99
26) Fluoranthene	19.13	202	5246	0.098	ng	100
28) Pyrene	19.50	202	5164	0.104	ng	100
30) Benzo(a)anthracene	21.25	228	4671	0.094	ng	96
31) Chrysene	21.30	228	5742	0.108	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	2337	0.113	ng	99
33) Indeno(1,2,3-cd)pyrene	25.76	276	5733	0.096	ng	99
35) Benzo(b)fluoranthene	22.83	252	5308	0.096	ng	# 90
36) Benzo(k)fluoranthene	22.87	252	5709	0.106	ng	# 89
37) Benzo(a)pyrene	23.41	252	4605	0.093	ng	# 79
38) Dibenzo(a,h)anthracene	25.77	278	4585	0.093	ng	# 88
39) Benzo(g,h,i)perylene	26.46	276	5016	0.101	ng	95

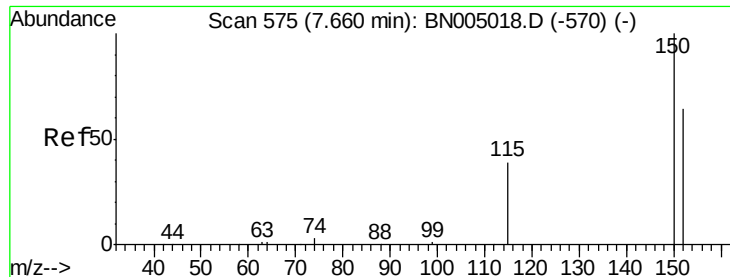
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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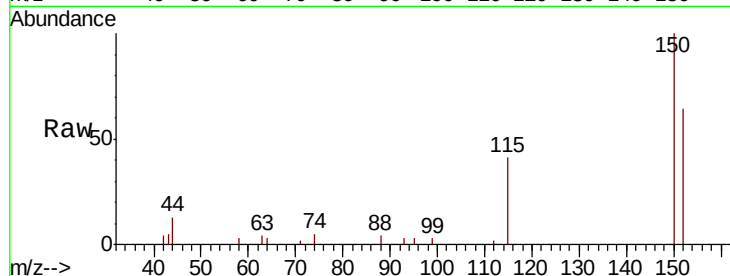


#1

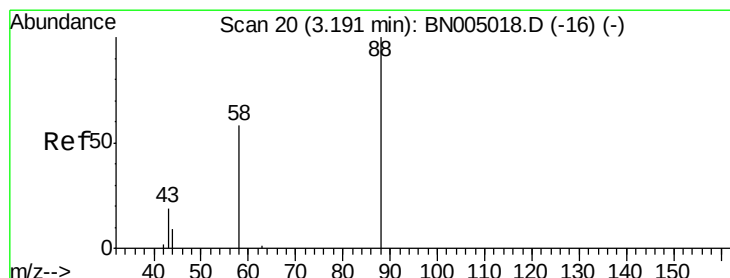
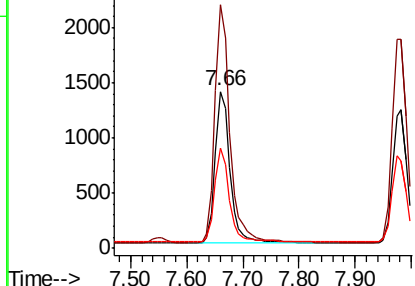
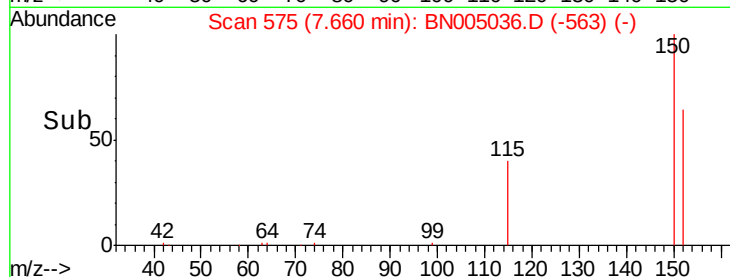
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005036.D
Acq: 29 Mar 2019 16:28

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion:152 Resp: 2519
Ion Ratio Lower Upper
152 100
150 155.2 123.4 185.2
115 63.5 50.0 75.0



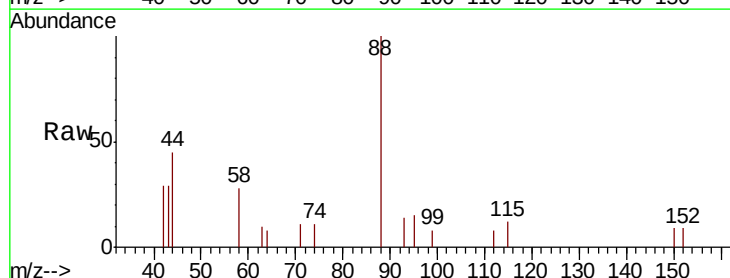
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



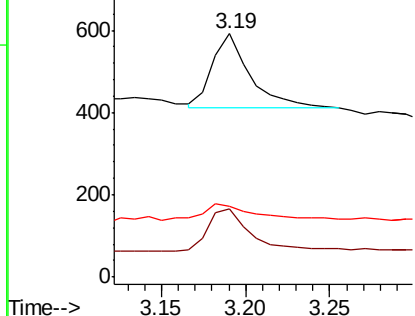
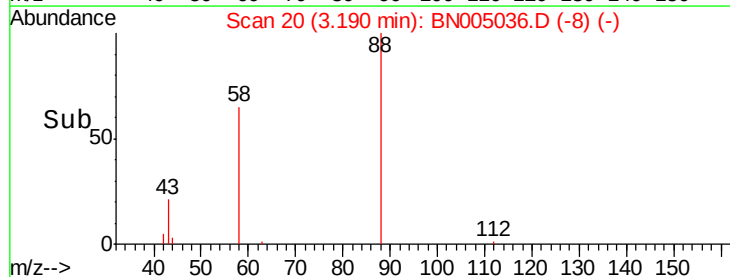
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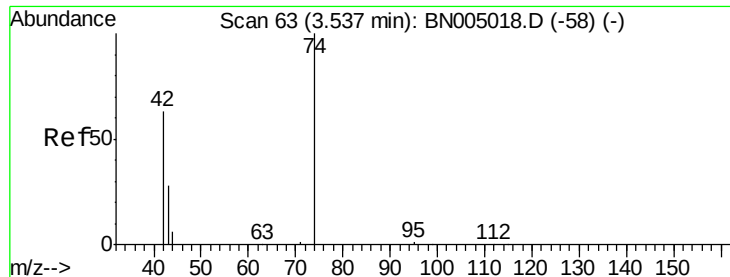
1,4-Dioxane
Concen: 0.103 ng
RT: 3.19 min Scan# 20
Delta R.T. -0.00 min
Lab File: BN005036.D
Acq: 29 Mar 2019 16:28

Tgt Ion: 88 Resp: 279
Ion Ratio Lower Upper
88 100
58 62.7 52.8 79.2
43 29.4 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



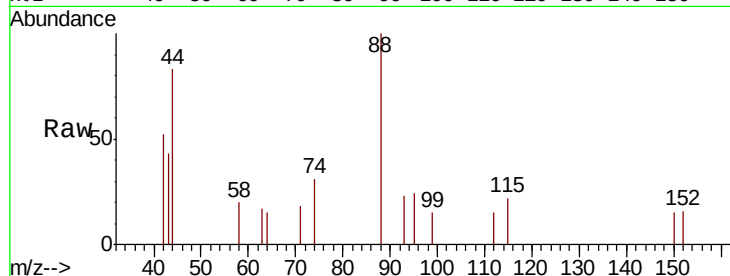


#3

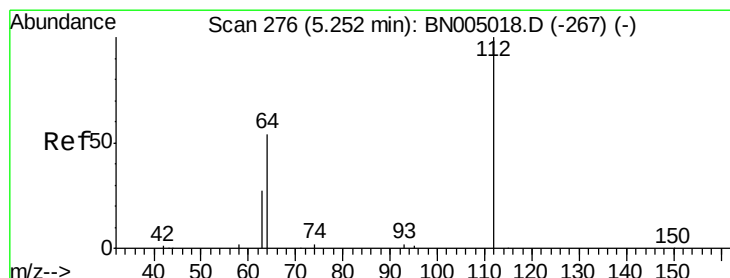
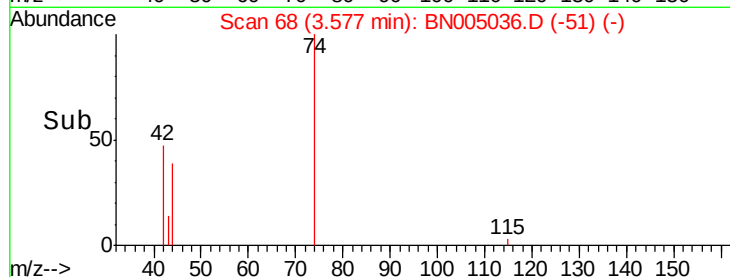
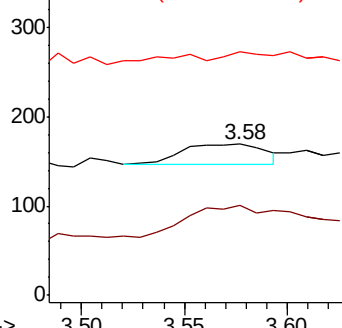
n-Nitrosodimethylamine
 Concen: 0.040 ng
 RT: 3.58 min Scan# 68
 Delta R.T. 0.04 min
 Lab File: BN005036.D
 Acq: 29 Mar 2019 16:28

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion: 42 Resp: 66
 Ion Ratio Lower Upper
 42 100
 74 168.2 129.1 193.7
 44 16.7 11.6 17.4



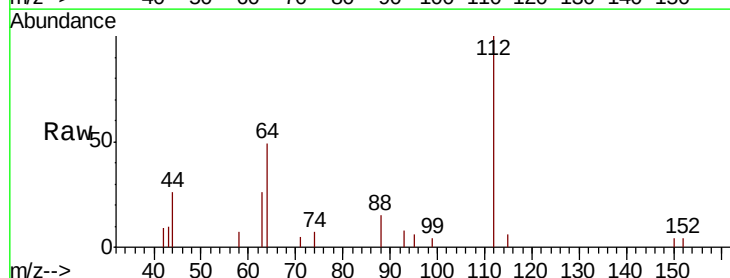
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



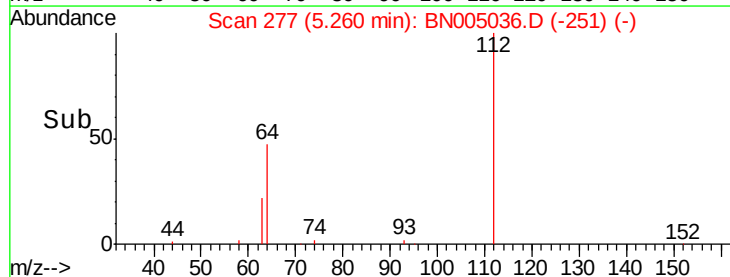
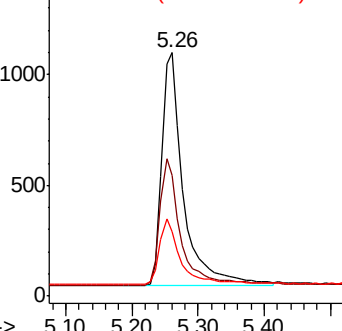
#4

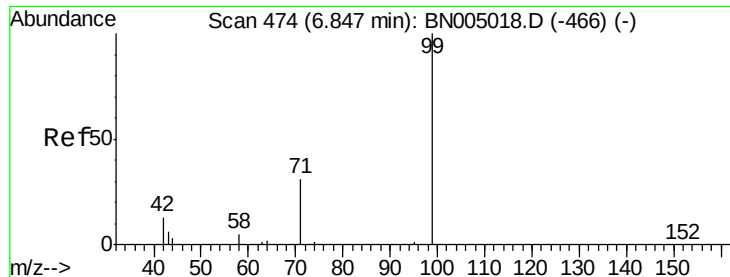
2-Fluorophenol
 Concen: 0.380 ng
 RT: 5.26 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BN005036.D
 Acq: 29 Mar 2019 16:28

Tgt Ion: 112 Resp: 2390
 Ion Ratio Lower Upper
 112 100
 64 53.0 41.9 62.9
 63 27.0 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: 0.357 ng

RT: 6.85 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

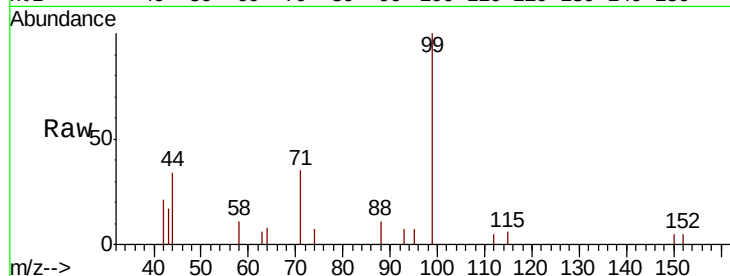
Tot Ion: 99 Resp: 2662

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

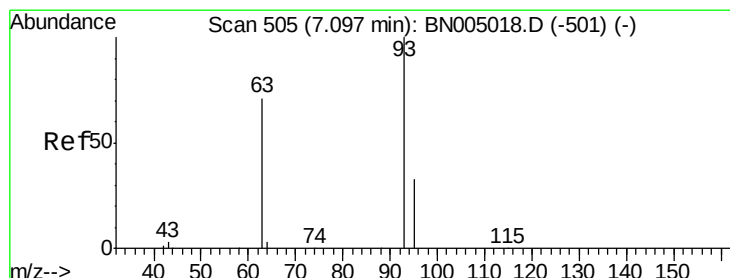
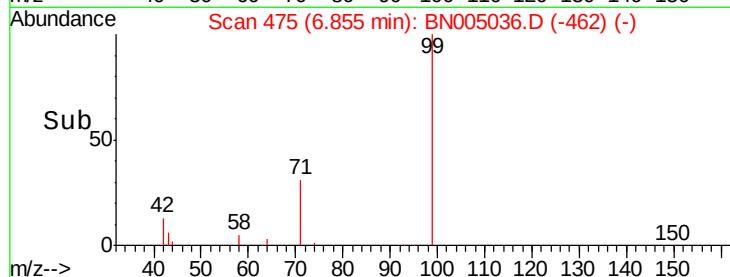
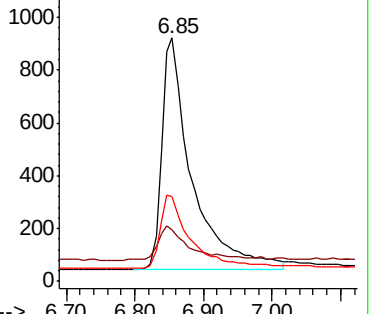
71 32.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.093 ng

RT: 7.10 min Scan# 506

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

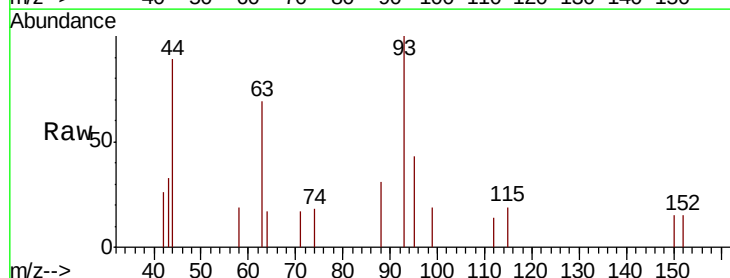
Tgt Ion: 93 Resp: 655

Ion Ratio Lower Upper

93 100

63 56.5 51.8 77.6

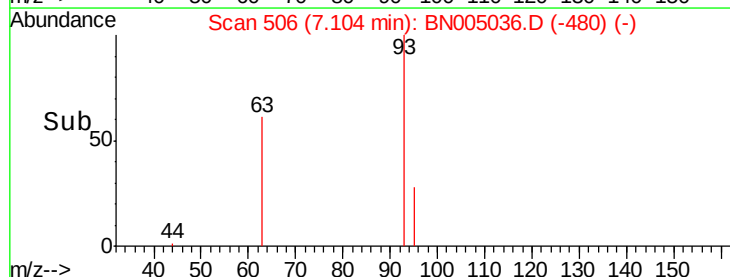
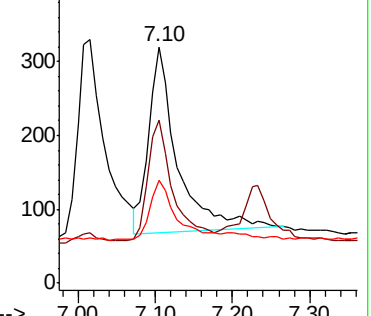
95 28.7 24.8 37.2

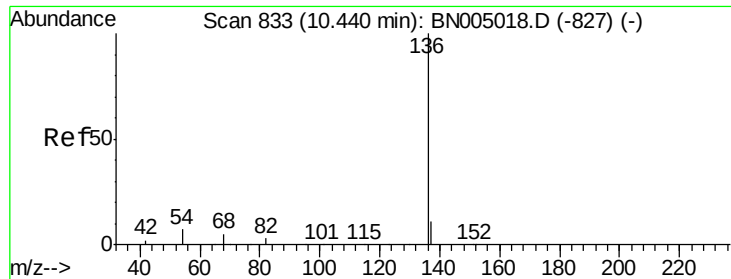


Abundance Ion 93.00 (92.70 to 93.70): BN005018.D (-501) (-)

Ion 63.00 (62.70 to 63.70): BN005018.D (-501) (-)

Ion 95.00 (94.70 to 95.70): BN005018.D (-501) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:136 Resp: 10214

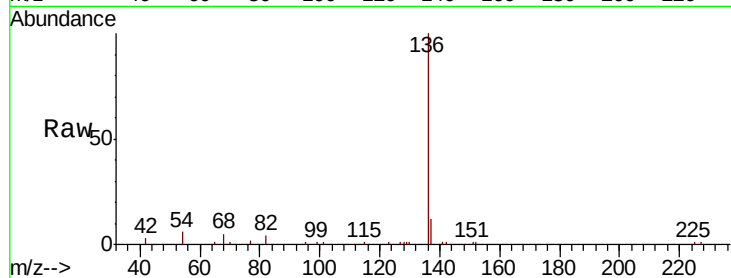
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 5.9 6.0 9.0#

68 5.0 5.0 7.6#

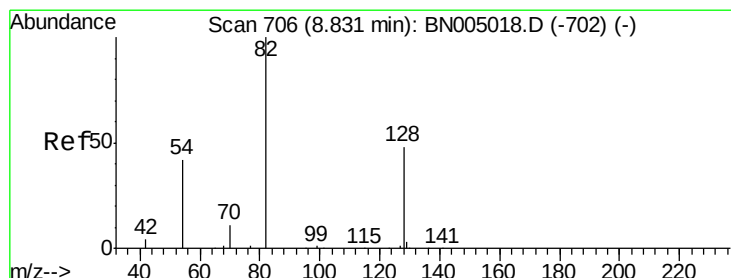
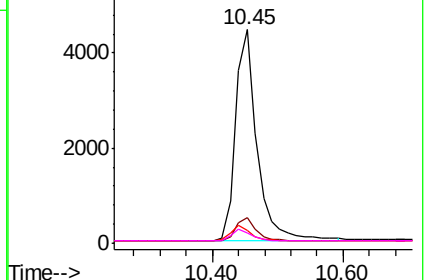
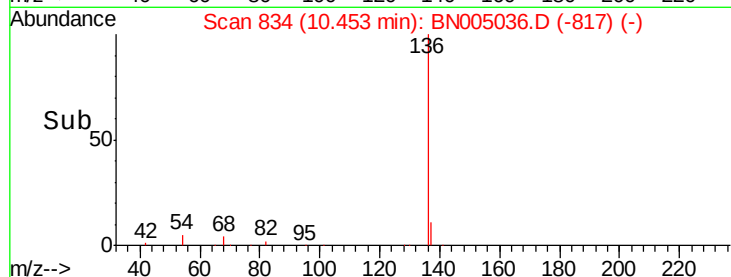


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

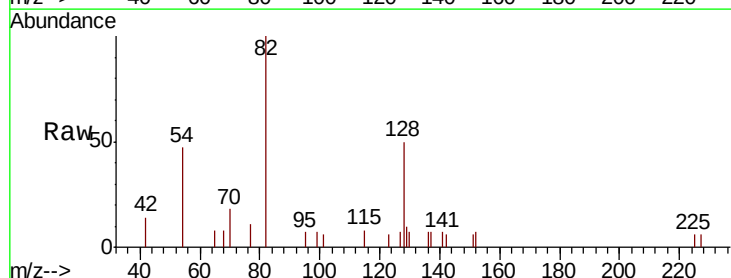
Tgt Ion: 82 Resp: 2006

Ion Ratio Lower Upper

82 100

128 49.7 40.5 60.7

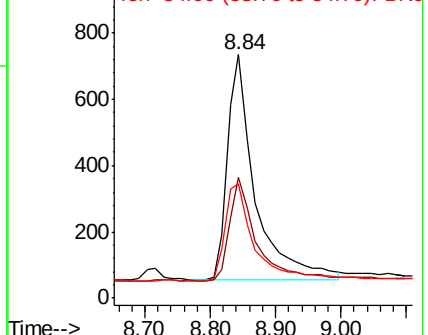
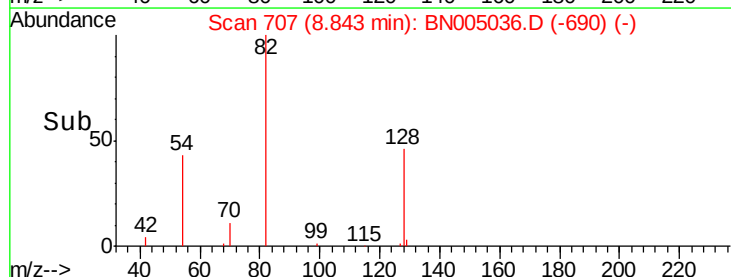
54 47.1 35.7 53.5

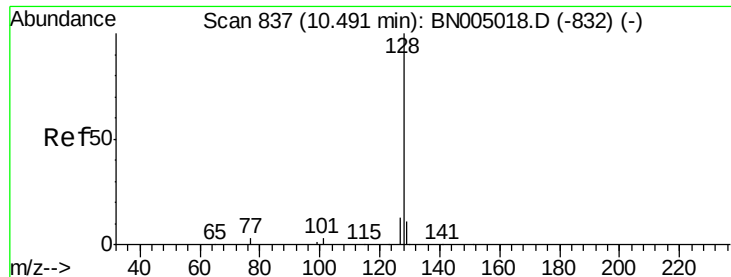


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.101 ng

RT: 10.50 min Scan# 838

Delta R.T. 0.01 min

Lab File: BN005036.D

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ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

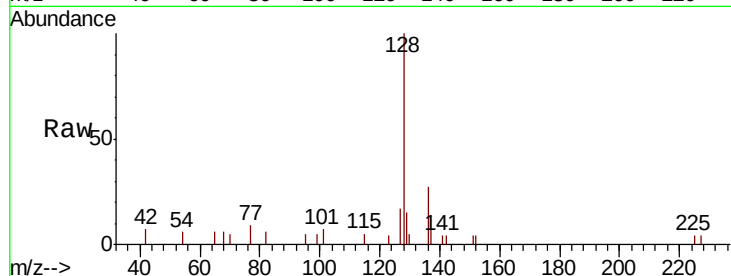
Tot Ion:128 Resp: 2586

Ion Ratio Lower Upper

128 100

129 14.9 9.4 14.2#

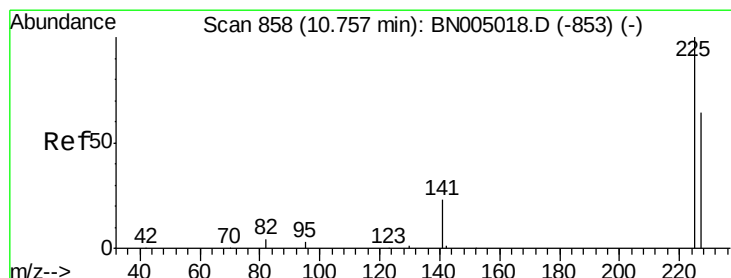
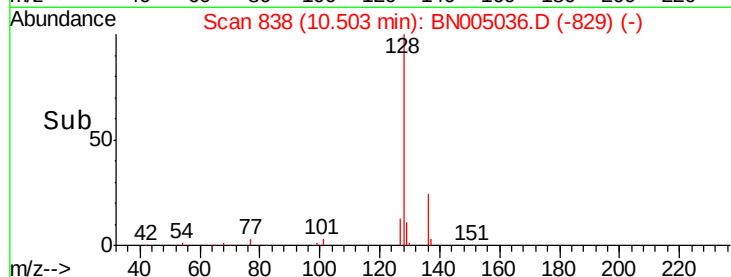
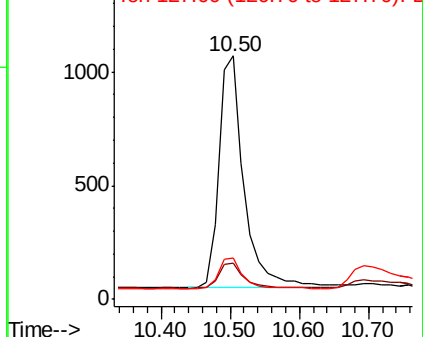
127 17.0 11.0 16.6#



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: 0.102 ng

RT: 10.76 min Scan# 858

Delta R.T. -0.00 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

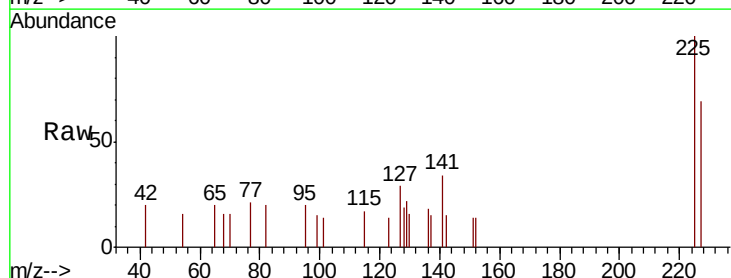
Tgt Ion:225 Resp: 488

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

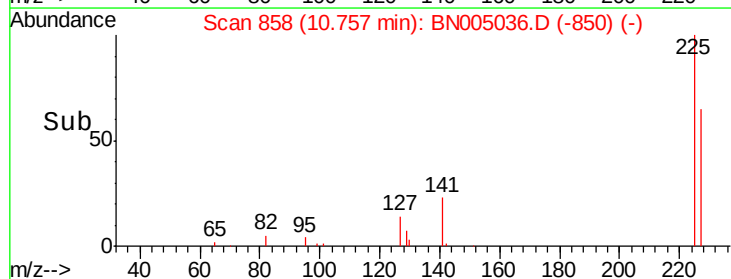
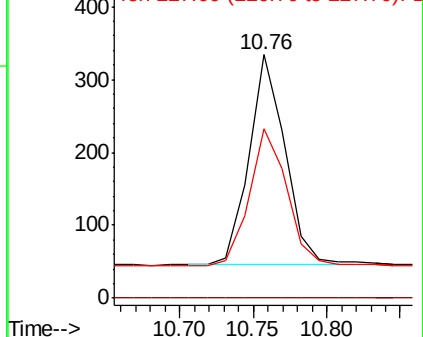
227 67.2 51.5 77.3

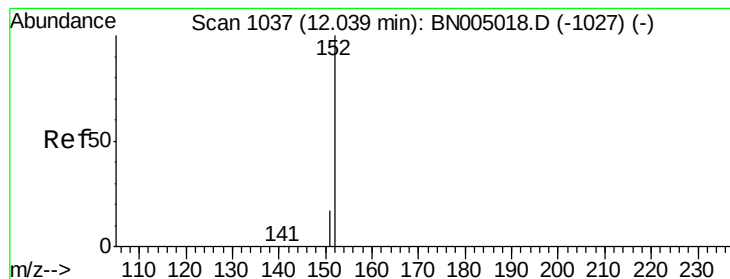


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.369 ng

RT: 12.05 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

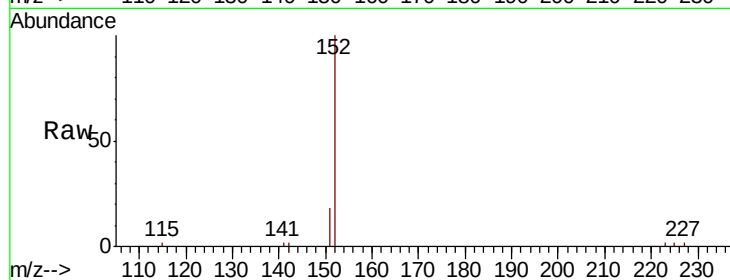
LOD-MDL-WATER-01-QT1-2019

Tot Ion:152 Resp: 5838

Ion Ratio Lower Upper

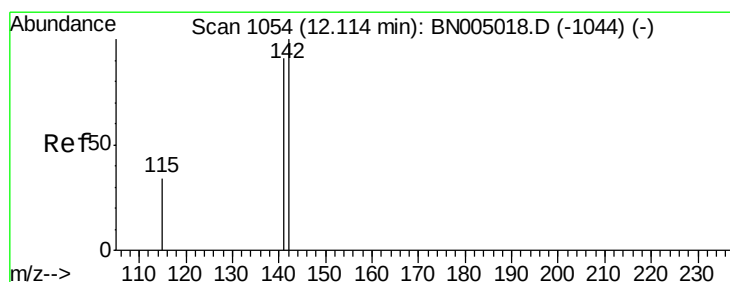
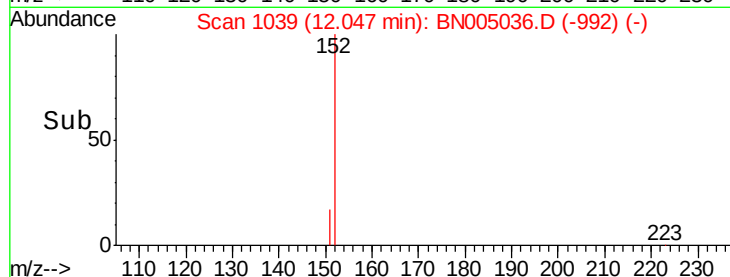
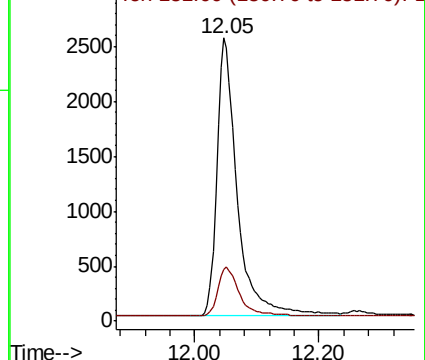
152 100

151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.097 ng

RT: 12.12 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

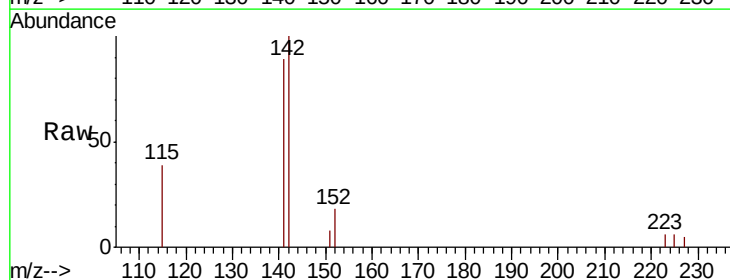
Tgt Ion:142 Resp: 1801

Ion Ratio Lower Upper

142 100

141 89.3 72.6 108.8

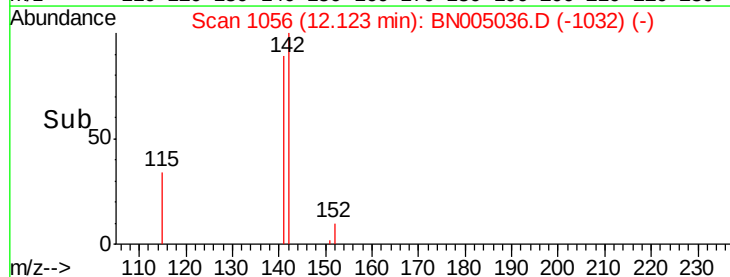
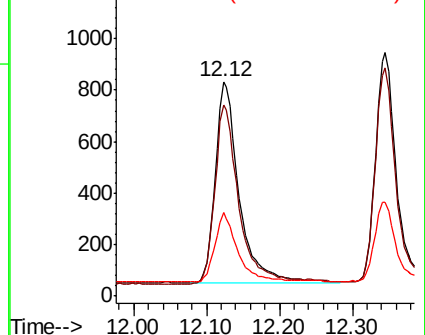
115 38.8 27.8 41.8

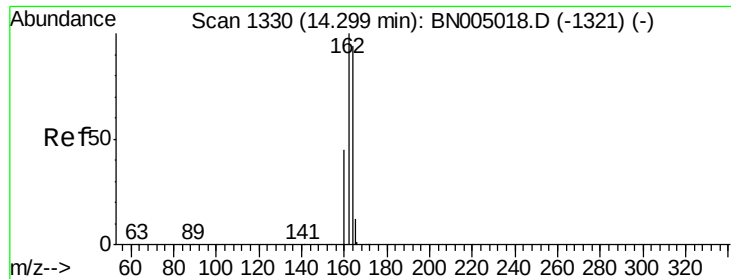


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

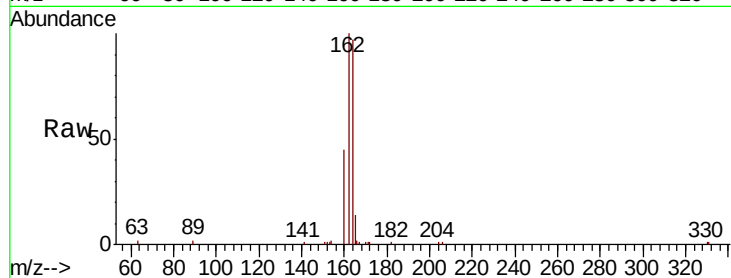




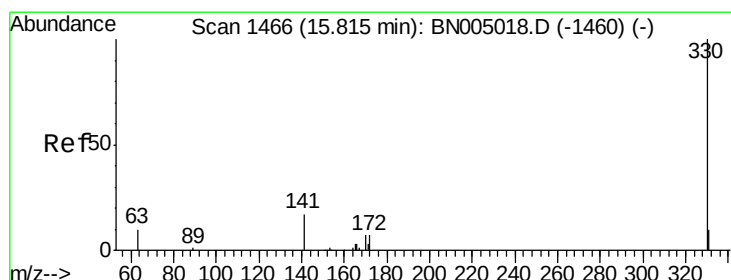
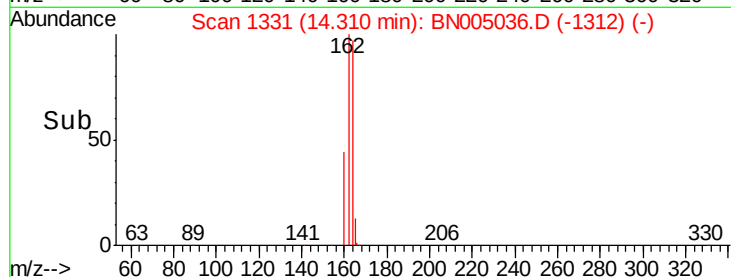
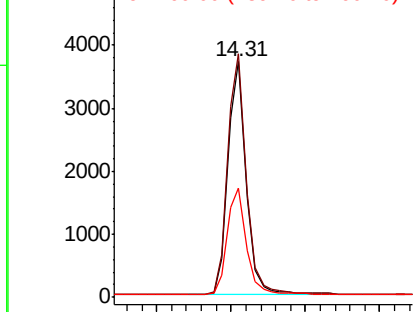
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BN005036.D
Acq: 29 Mar 2019 16:28

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion:164 Resp: 6263
Ion Ratio Lower Upper
164 100
162 103.4 85.3 127.9
160 46.2 39.2 58.8

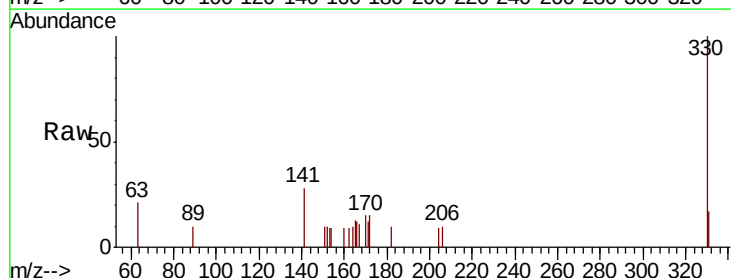


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

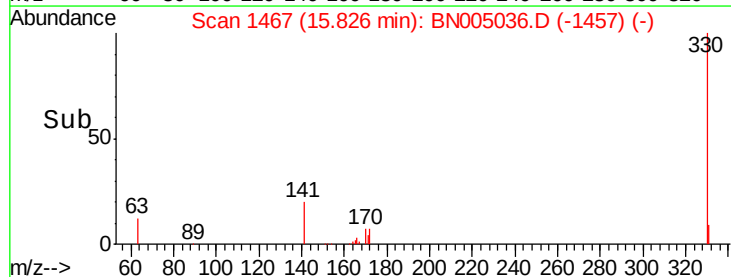
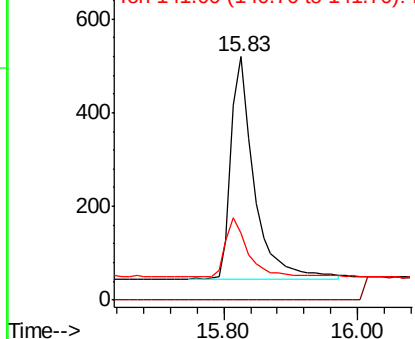


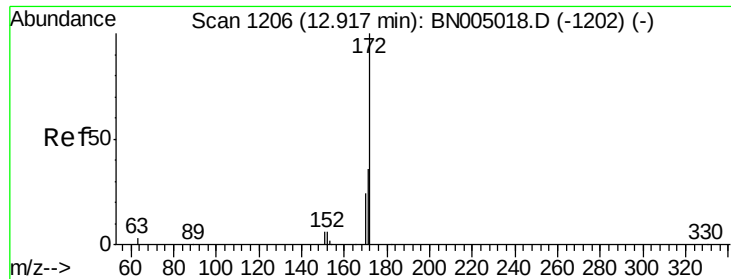
#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.83 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BN005036.D
Acq: 29 Mar 2019 16:28

Tgt Ion:330 Resp: 1131
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 25.8 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

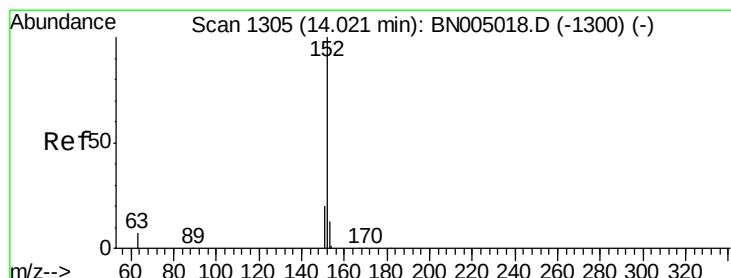
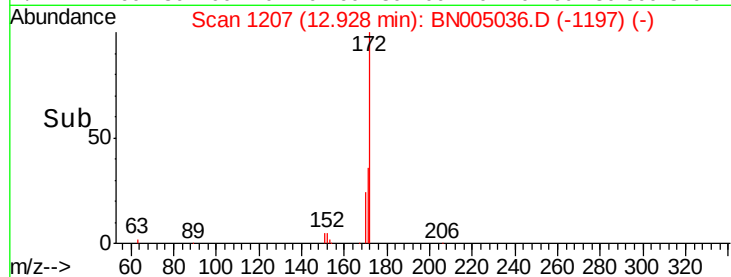
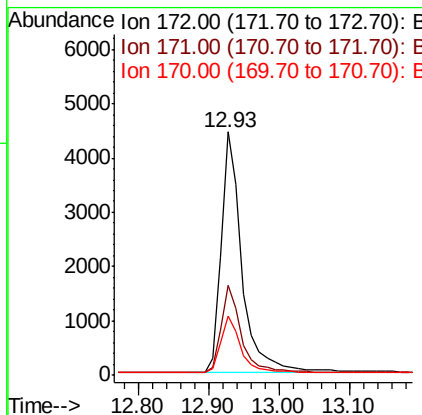
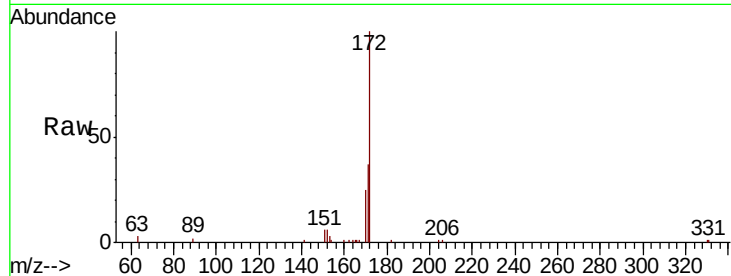




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005036.D
Acq: 29 Mar 2019 16:28

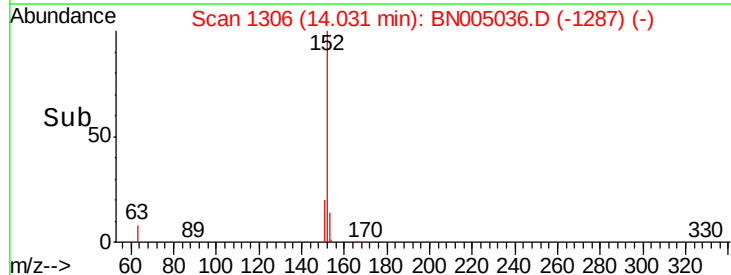
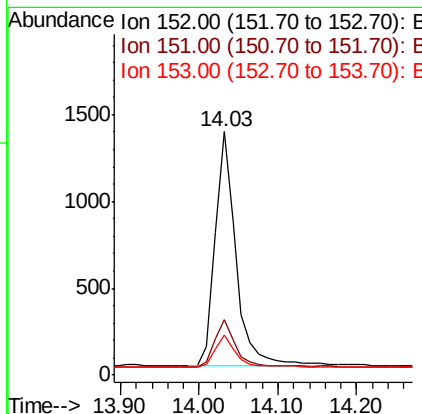
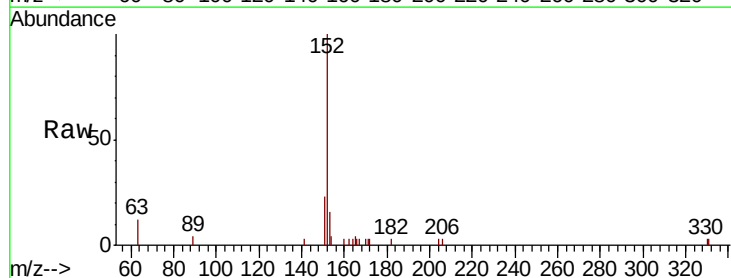
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

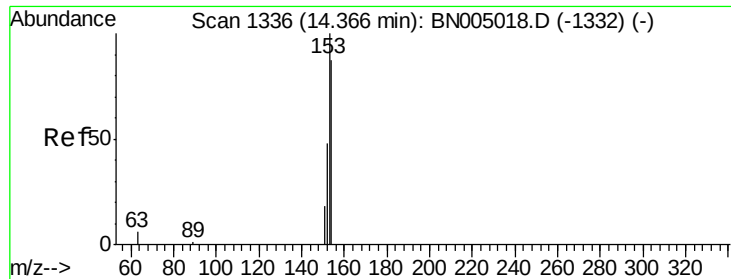
Tot Ion:172 Resp: 9312
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 24.6 20.0 30.0



#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005036.D
Acq: 29 Mar 2019 16:28

Tgt Ion:152 Resp: 2532
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.9 10.6 15.8





#17

Acenaphthene

Concen: 0.097 ng

RT: 14.37 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

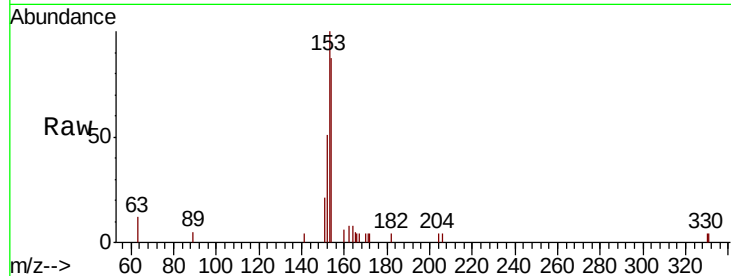
Tot Ion:154 Resp: 1825

Ion Ratio Lower Upper

154 100

153 115.6 92.1 138.1

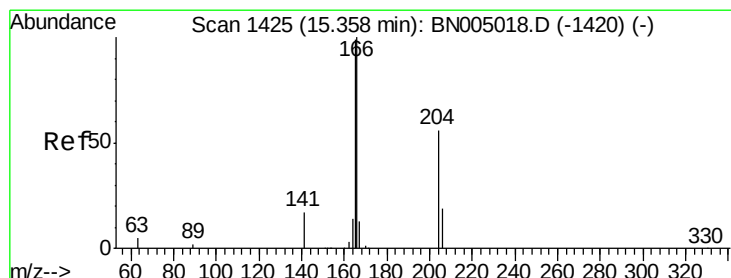
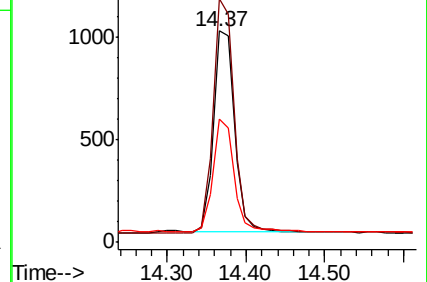
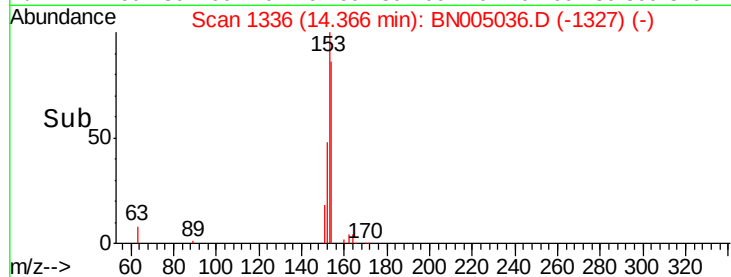
152 56.1 44.2 66.2



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: 0.097 ng

RT: 15.37 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

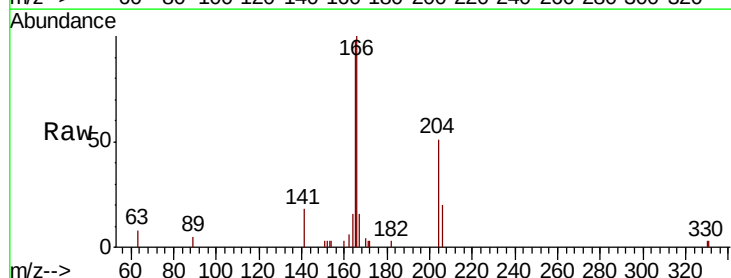
Tgt Ion:166 Resp: 2435

Ion Ratio Lower Upper

166 100

165 100.3 78.7 118.1

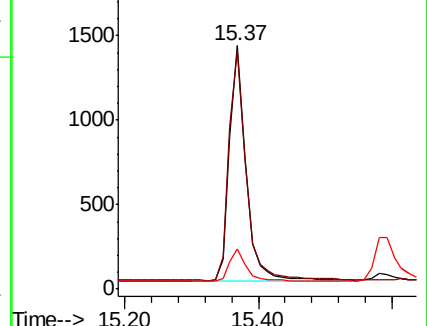
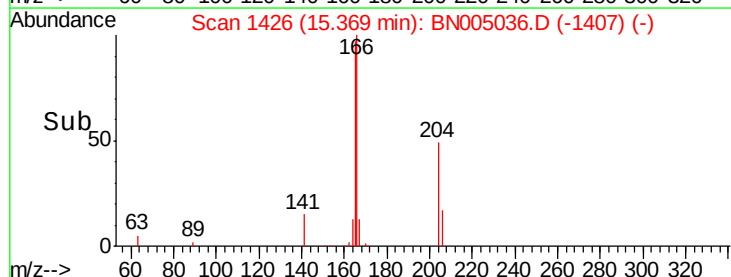
167 13.3 10.9 16.3

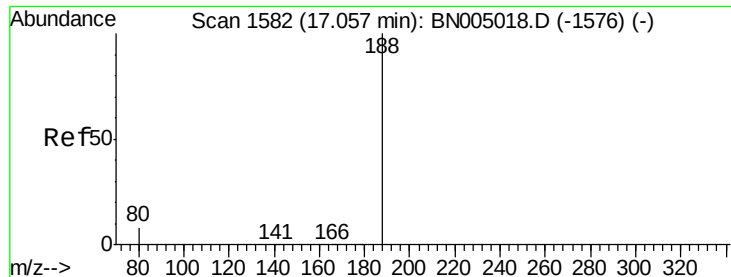


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

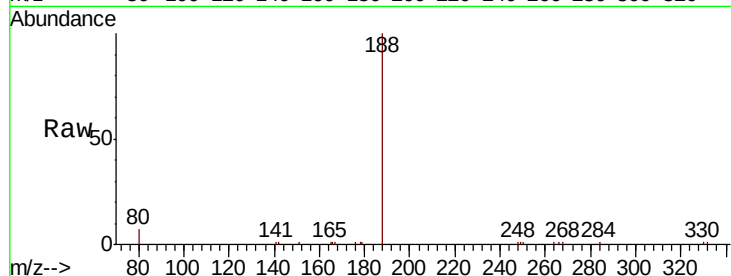
Tot Ion:188 Resp: 15692

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

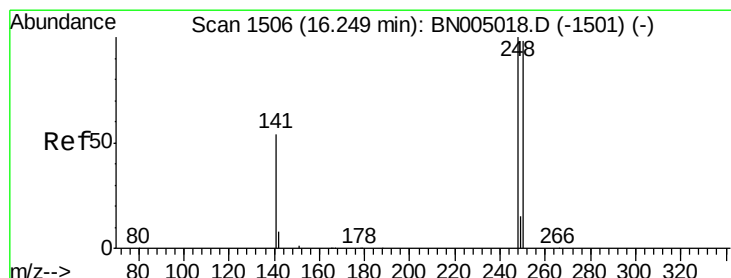
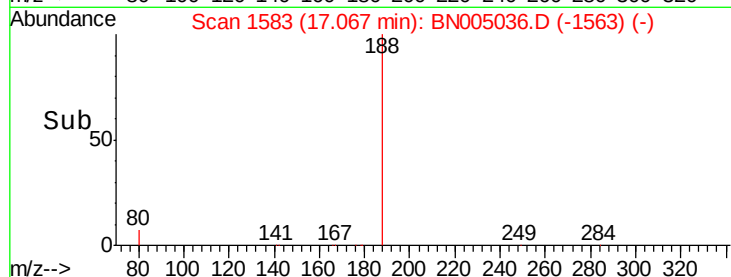
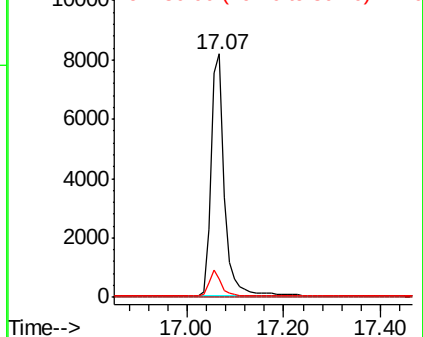
80 7.4 6.9 10.3



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: 0.091 ng

RT: 16.26 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

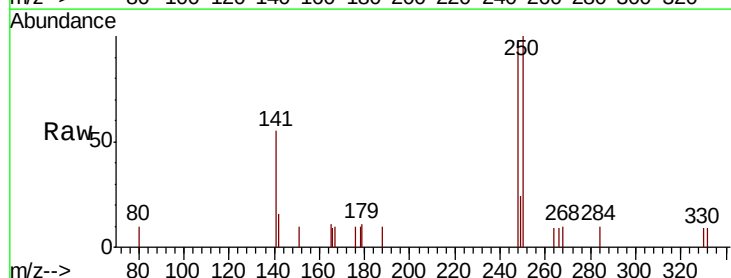
Tgt Ion:248 Resp: 818

Ion Ratio Lower Upper

248 100

250 103.6 78.6 117.8

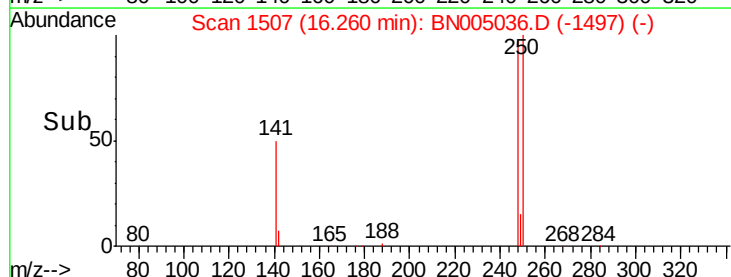
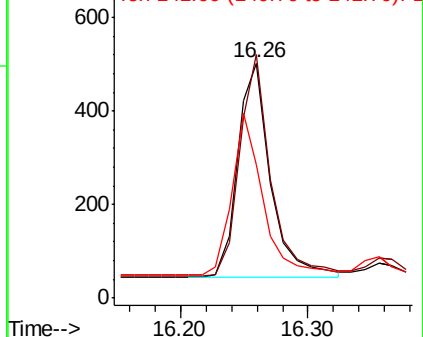
141 56.9 43.6 65.4

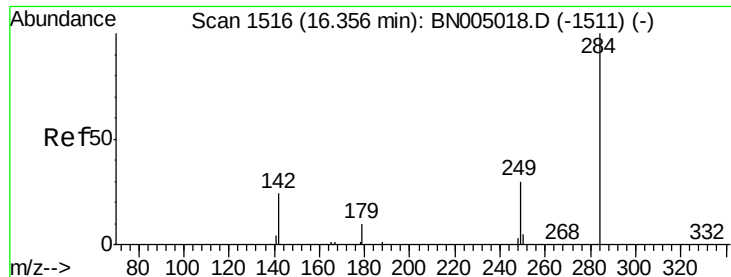


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.100 ng

RT: 16.37 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

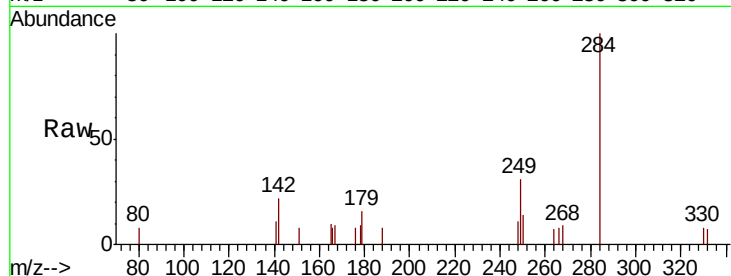
Tot Ion:284 Resp: 987

Ion Ratio Lower Upper

284 100

142 30.2 24.9 37.3

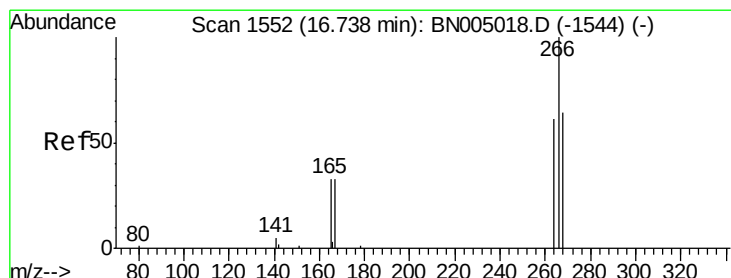
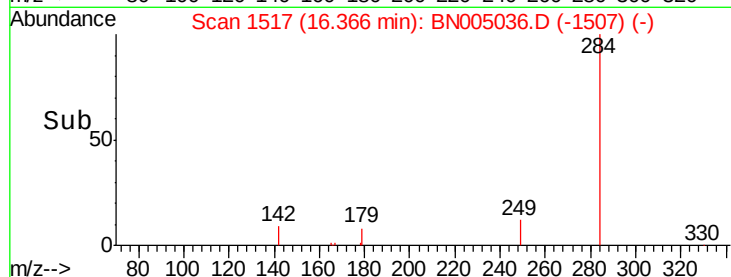
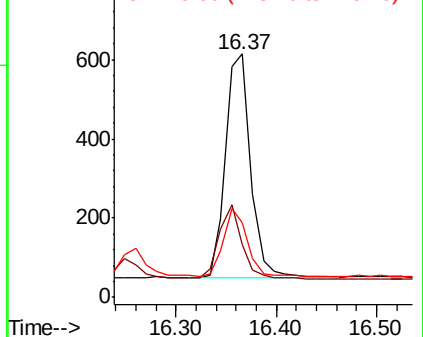
249 28.5 23.8 35.6



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: 0.117 ng

RT: 16.77 min Scan# 1555

Delta R.T. 0.03 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

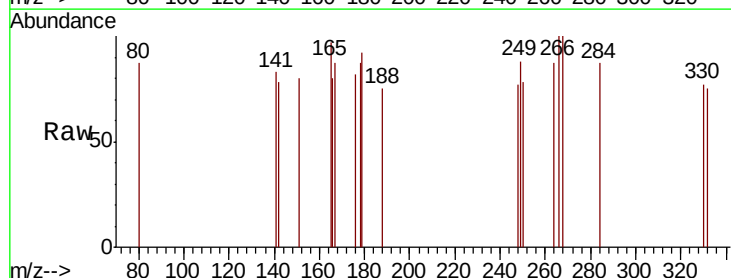
Tgt Ion:266 Resp: 54

Ion Ratio Lower Upper

266 100

264 86.7 53.4 80.0#

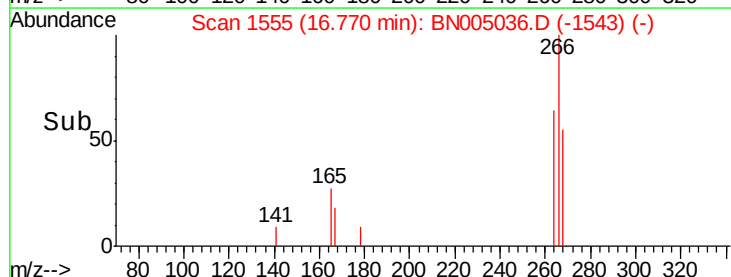
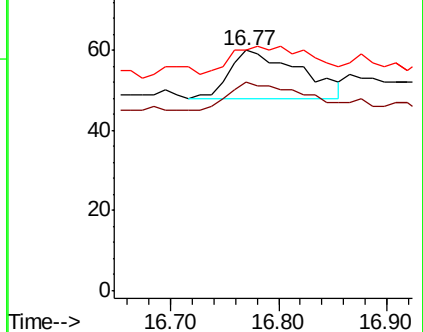
268 100.0 58.9 88.3#

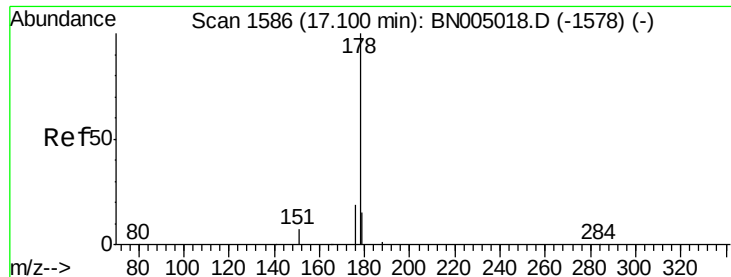


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.096 ng

RT: 17.11 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

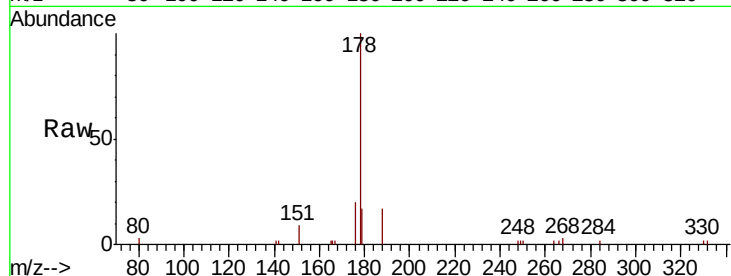
Tot Ion:178 Resp: 4216

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

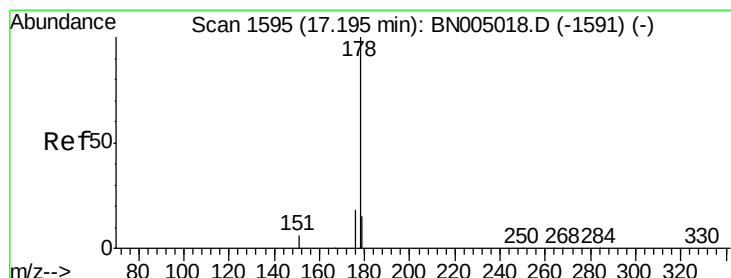
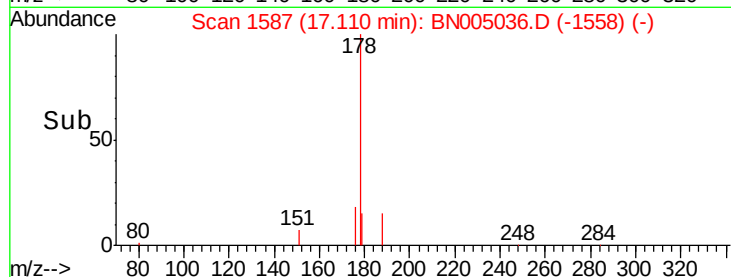
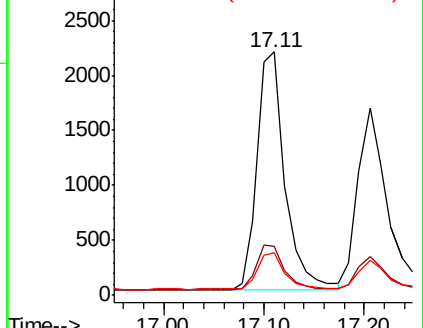
179 15.7 12.2 18.2



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: 0.087 ng

RT: 17.21 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

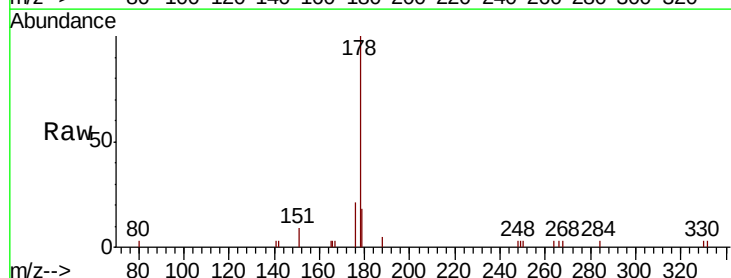
Tgt Ion:178 Resp: 3385

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

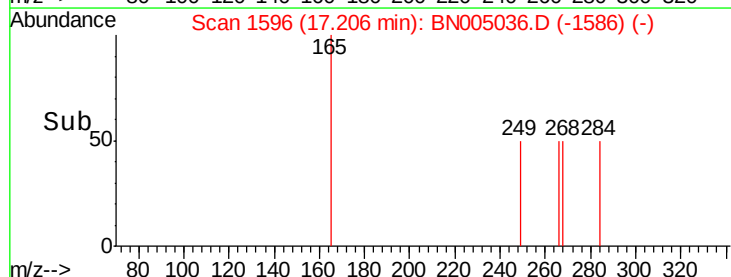
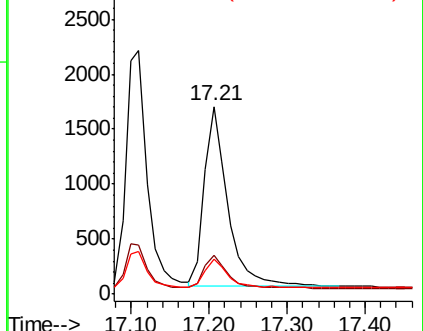
179 16.0 12.3 18.5

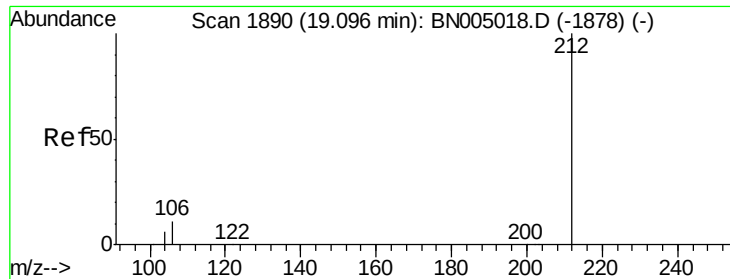


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

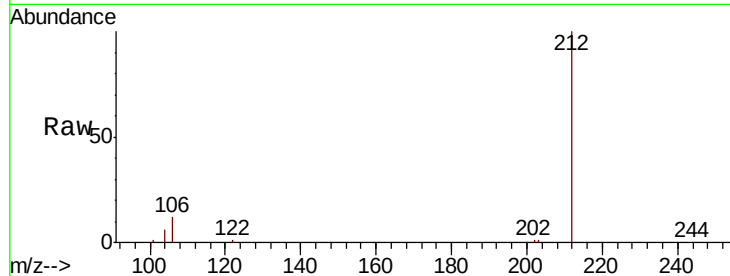




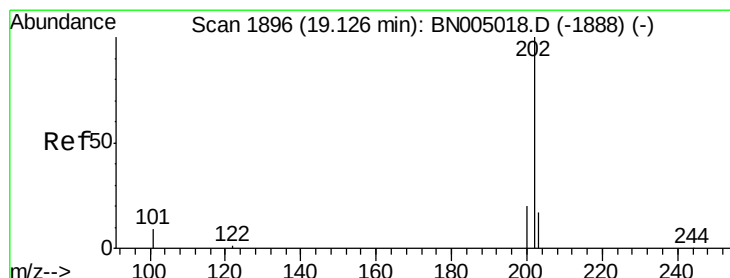
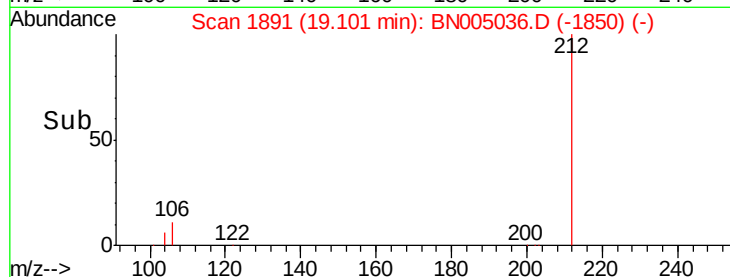
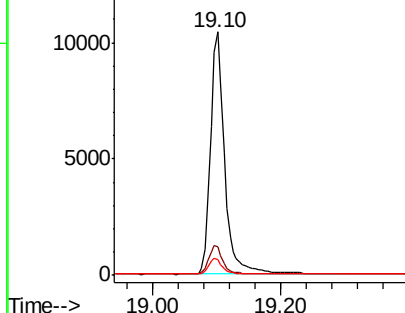
#25
 Fluoranthene-d10
 Concen: 0.360 ng
 RT: 19.10 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BN005036.D
 Acq: 29 Mar 2019 16:28

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion:212 Resp: 16145
 Ion Ratio Lower Upper
 212 100
 106 11.7 9.4 14.2
 104 6.5 5.4 8.0

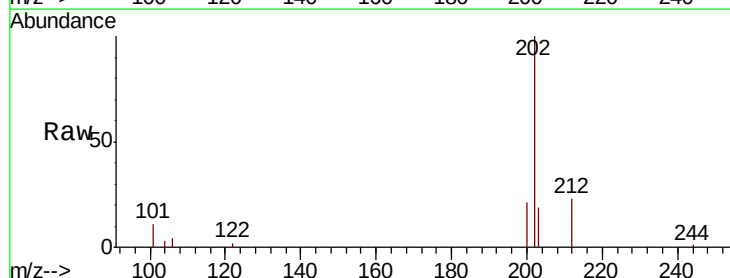


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

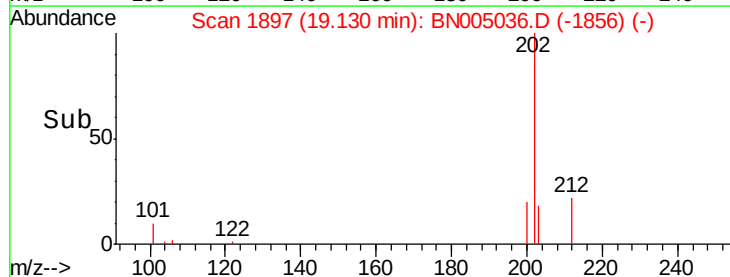
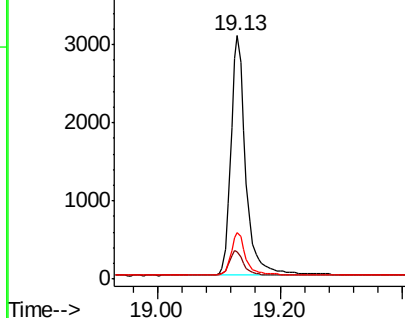


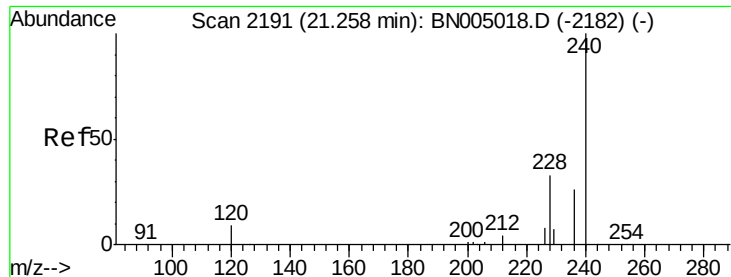
#26
 Fluoranthene
 Concen: 0.098 ng
 RT: 19.13 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BN005036.D
 Acq: 29 Mar 2019 16:28

Tgt Ion:202 Resp: 5246
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.2 12.2
 203 17.2 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: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

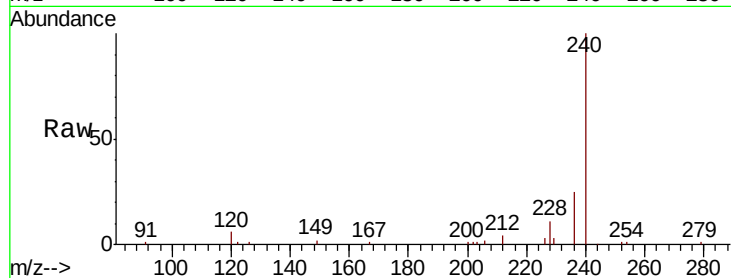
Tot Ion:240 Resp: 17536

Ion Ratio Lower Upper

240 100

120 6.2 7.4 11.0#

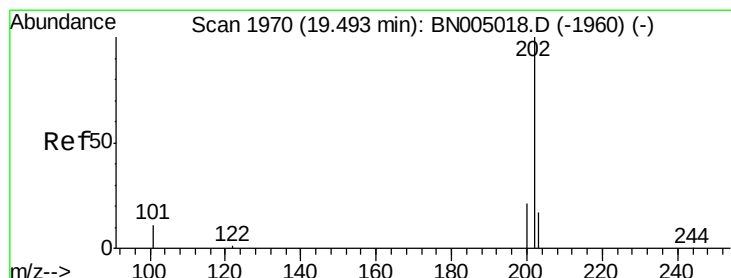
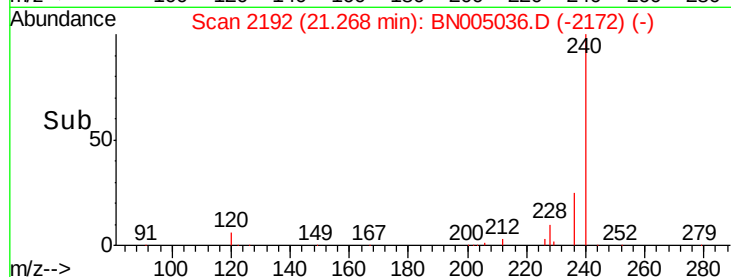
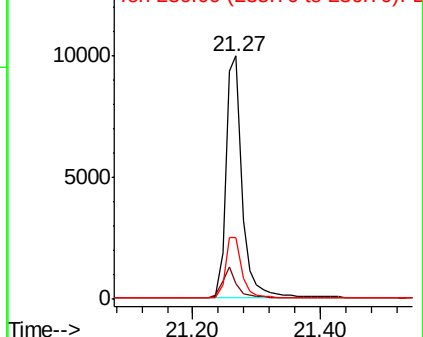
236 25.2 21.0 31.6



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: 0.104 ng

RT: 19.50 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

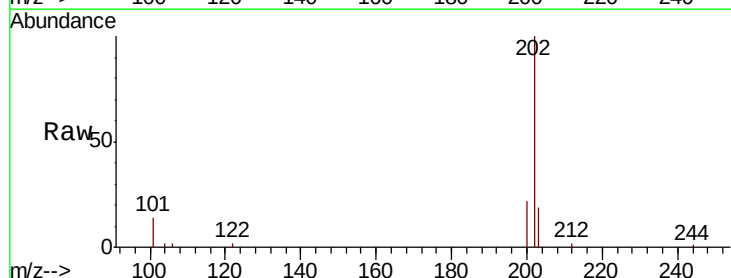
Tgt Ion:202 Resp: 5164

Ion Ratio Lower Upper

202 100

200 20.3 16.5 24.7

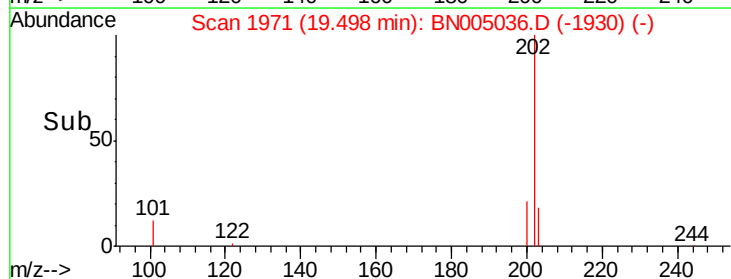
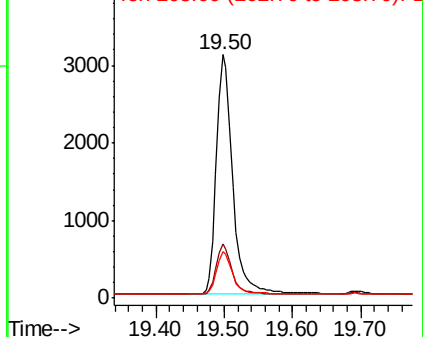
203 17.5 13.9 20.9

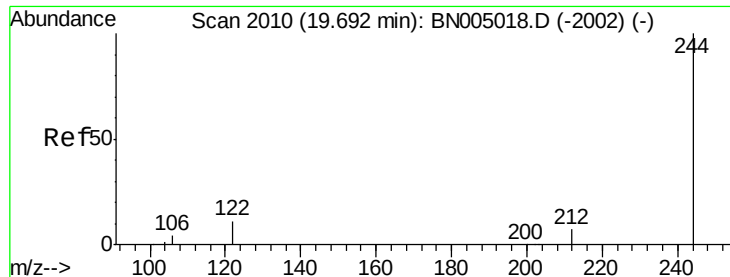


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

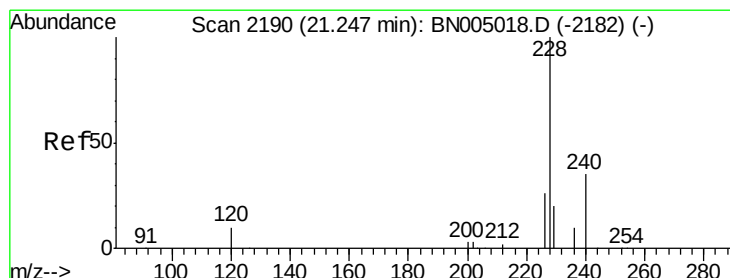
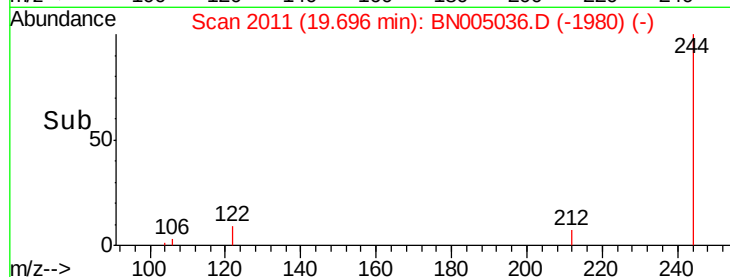
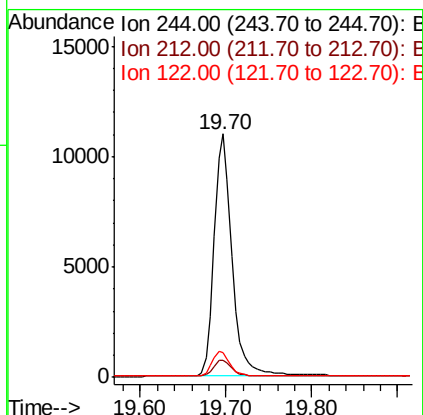
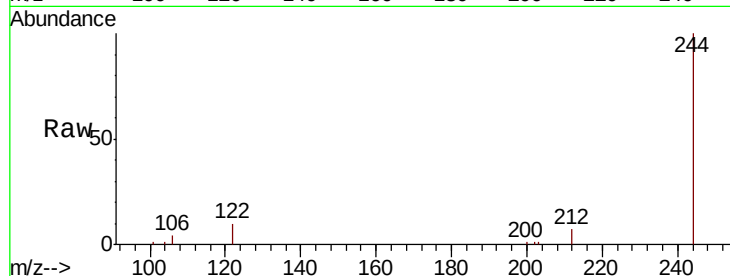




#29
 Terphenyl-d14
 Concen: 0.447 ng
 RT: 19.70 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BN005036.D
 Acq: 29 Mar 2019 16:28

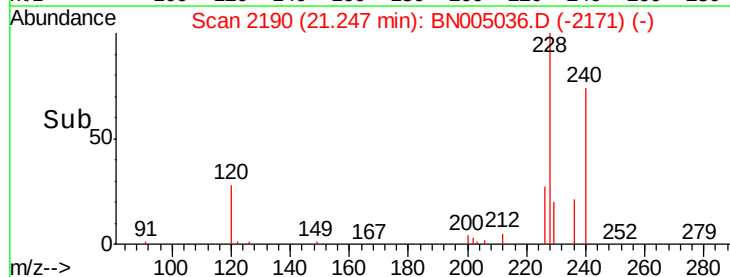
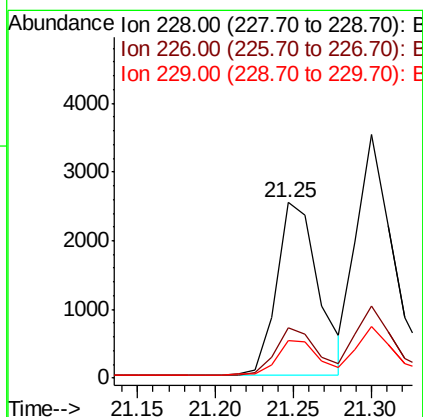
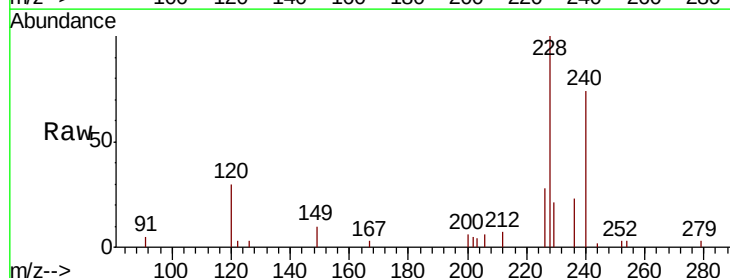
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

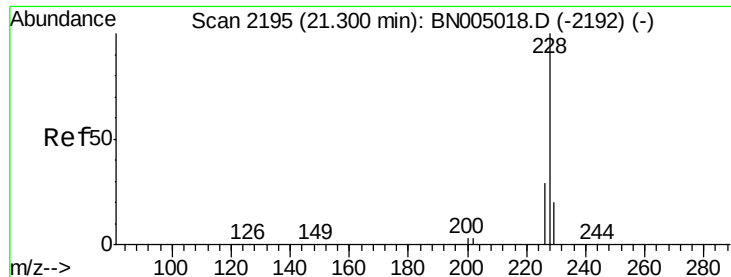
Tot Ion:244 Resp: 16096
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.9 9.0 13.4



#30
 Benzo(a)anthracene
 Concen: 0.094 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BN005036.D
 Acq: 29 Mar 2019 16:28

Tgt Ion:228 Resp: 4671
 Ion Ratio Lower Upper
 228 100
 226 28.5 20.9 31.3
 229 21.3 16.2 24.2





#31

Chrysene

Concen: 0.108 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

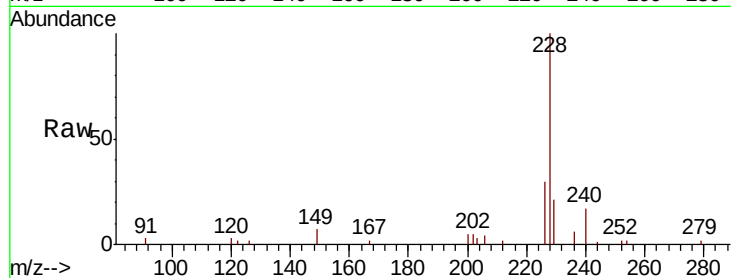
Tot Ion:228 Resp: 5742

Ion Ratio Lower Upper

228 100

226 29.9 22.8 34.2

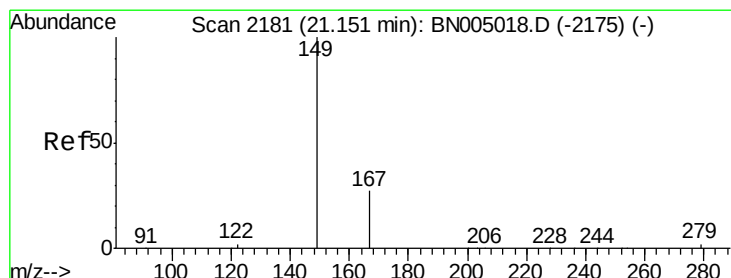
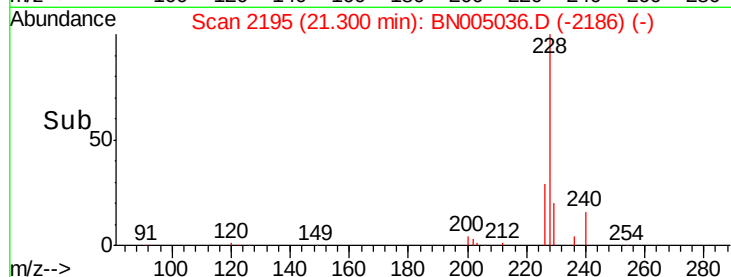
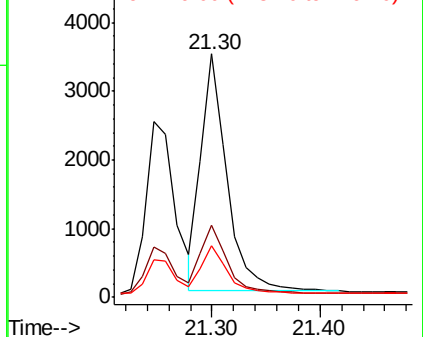
229 21.1 16.2 24.4



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: 0.113 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

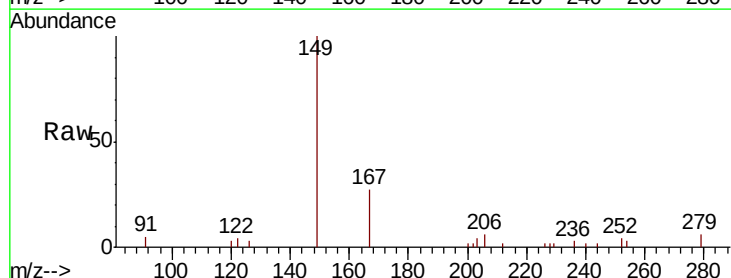
Tgt Ion:149 Resp: 2337

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

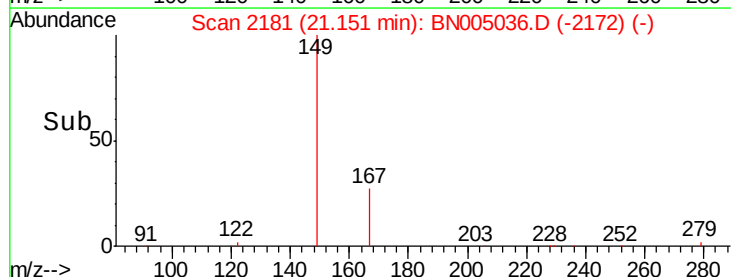
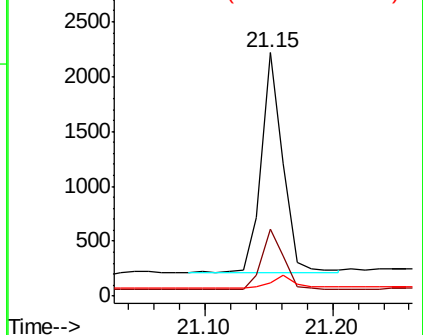
279 5.9 4.2 6.4

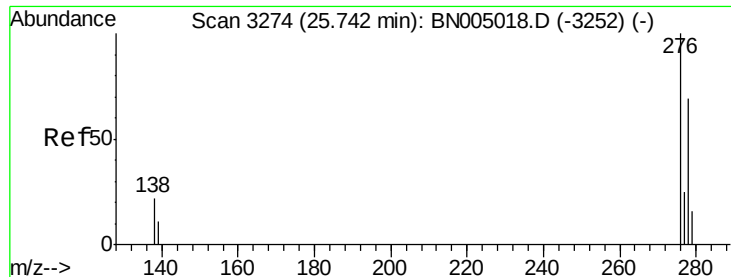


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

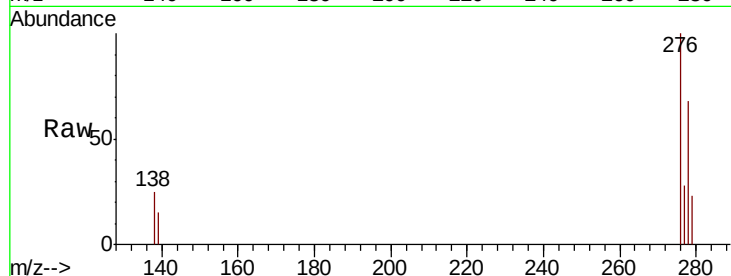




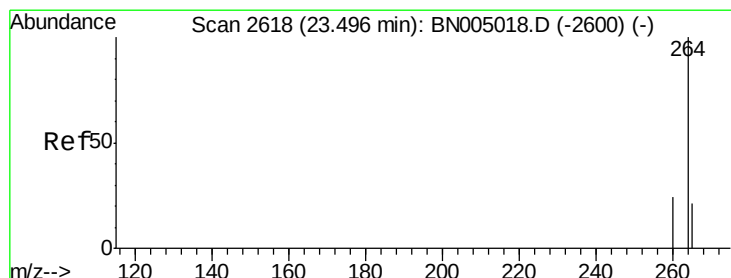
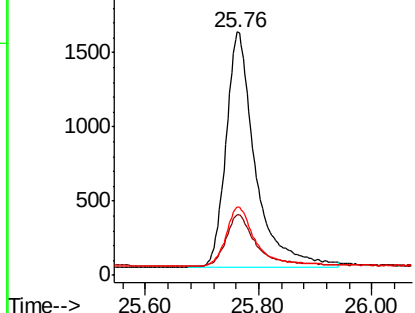
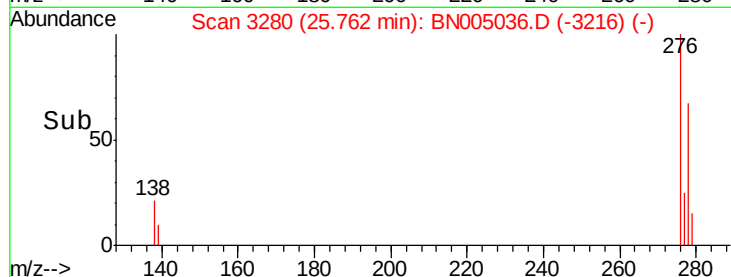
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.096 ng
 RT: 25.76 min Scan# 3280
 Delta R.T. 0.02 min
 Lab File: BN005036.D
 Acq: 29 Mar 2019 16:28

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion:276 Resp: 5733
 Ion Ratio Lower Upper
 276 100
 138 21.8 18.2 27.2
 277 25.3 20.3 30.5

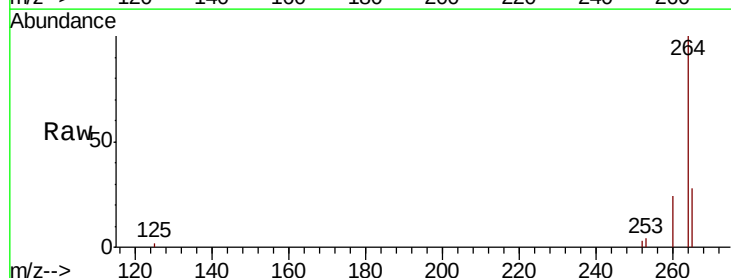


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

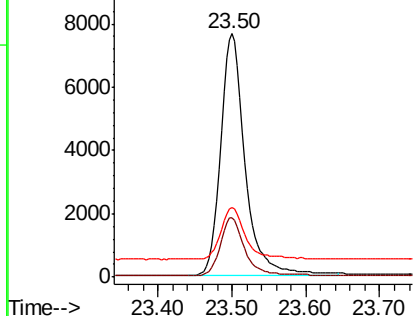
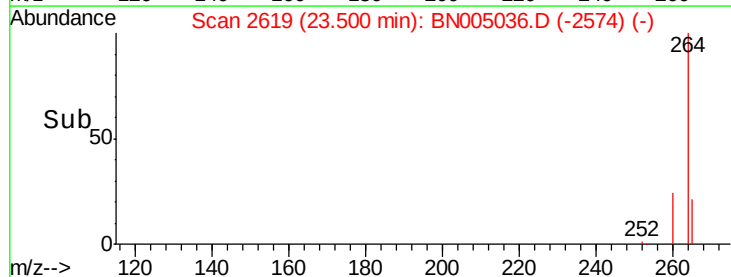


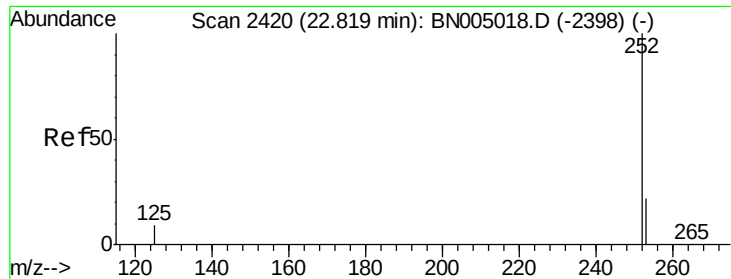
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. 0.00 min
 Lab File: BN005036.D
 Acq: 29 Mar 2019 16:28

Tgt Ion:264 Resp: 17307
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 28.4 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

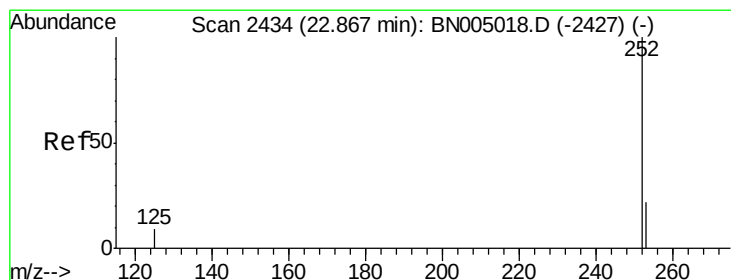
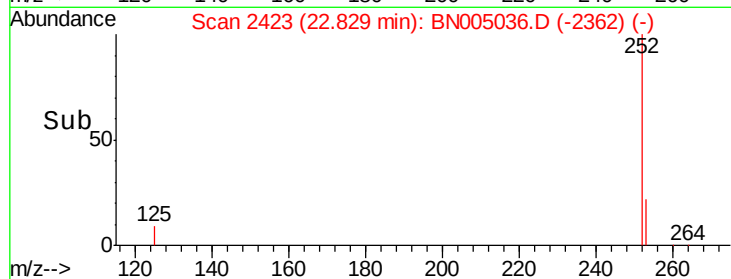
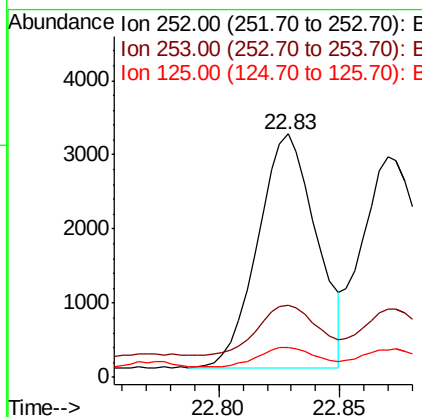
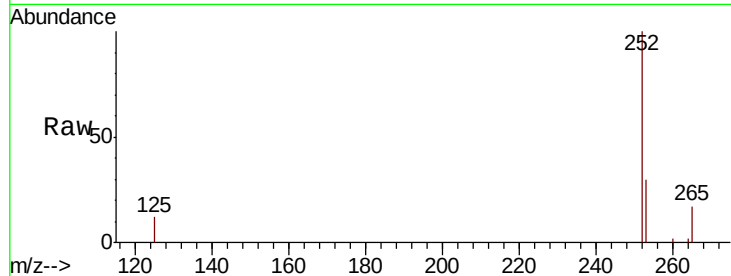




#35
Benzo(b)fluoranthene
Concen: 0.096 ng
RT: 22.83 min Scan# 2423
Delta R.T. 0.01 min
Lab File: BN005036.D
Acq: 29 Mar 2019 16:28

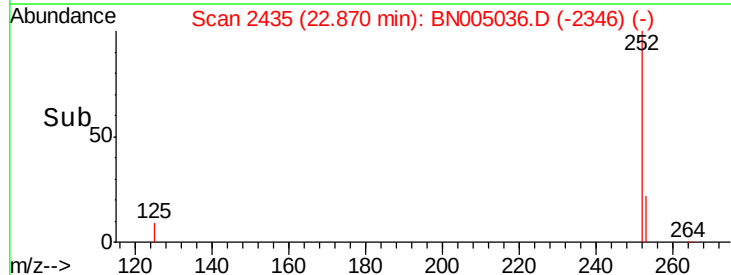
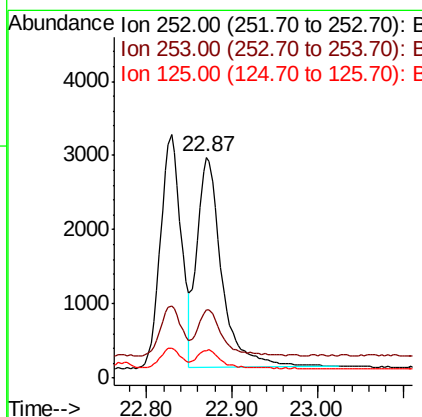
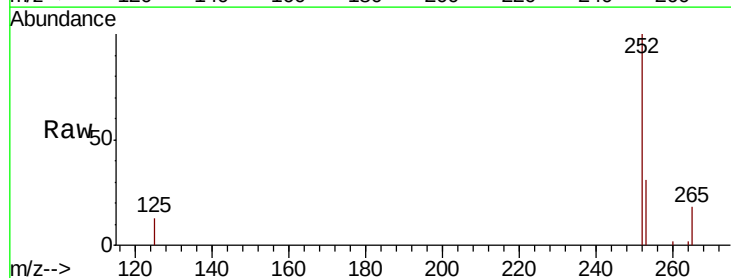
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

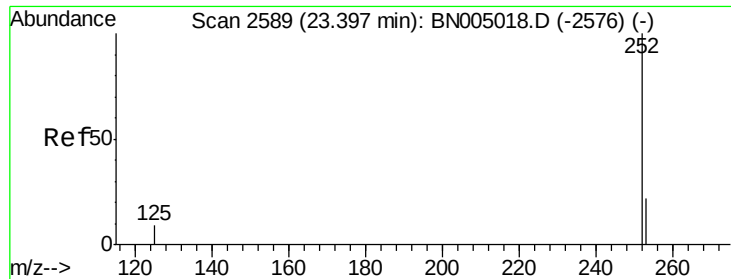
Tot Ion:252 Resp: 5308
Ion Ratio Lower Upper
252 100
253 29.6 19.2 28.8#
125 12.2 8.2 12.2#



#36
Benzo(k)fluoranthene
Concen: 0.106 ng
RT: 22.87 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BN005036.D
Acq: 29 Mar 2019 16:28

Tgt Ion:252 Resp: 5709
Ion Ratio Lower Upper
252 100
253 30.7 19.3 28.9#
125 12.6 8.2 12.2#





#37

Benzo(a)pyrene

Concen: 0.093 ng

RT: 23.41 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

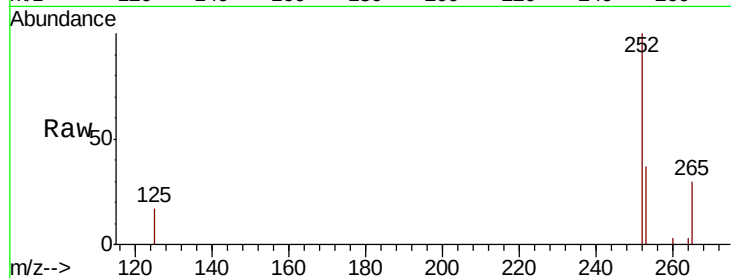
Tot Ion:252 Resp: 4605

Ion Ratio Lower Upper

252 100

253 37.2 20.2 30.2#

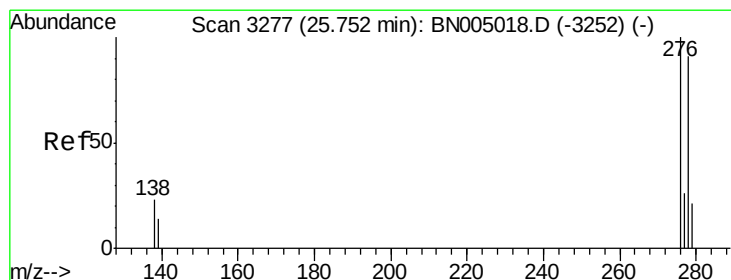
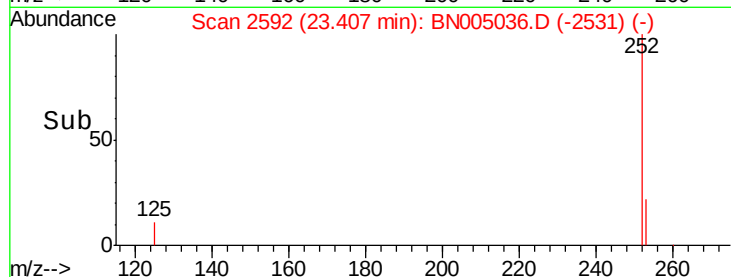
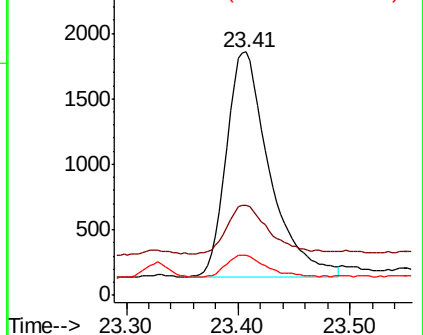
125 16.6 9.2 13.8#



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: 0.093 ng

RT: 25.77 min Scan# 3282

Delta R.T. 0.02 min

Lab File: BN005036.D

Acq: 29 Mar 2019 16:28

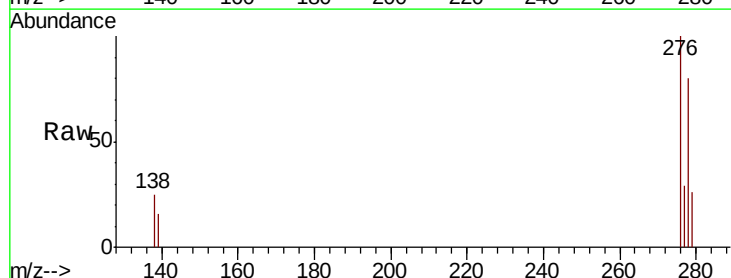
Tgt Ion:278 Resp: 4585

Ion Ratio Lower Upper

278 100

139 20.2 13.1 19.7#

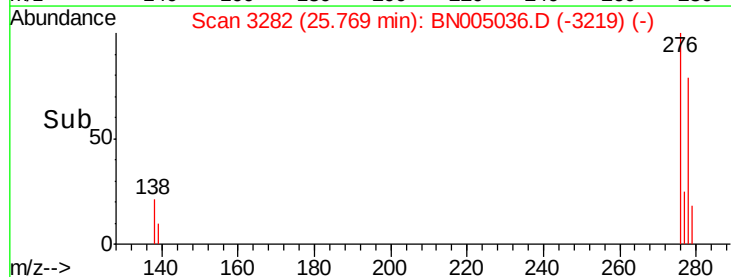
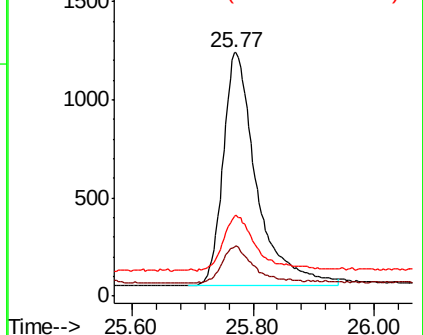
279 32.7 20.2 30.2#

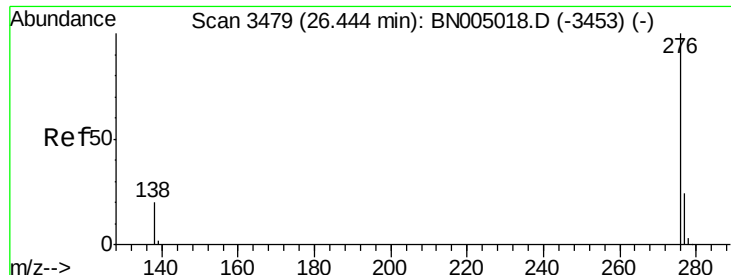


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.101 ng

RT: 26.46 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BN005036.D

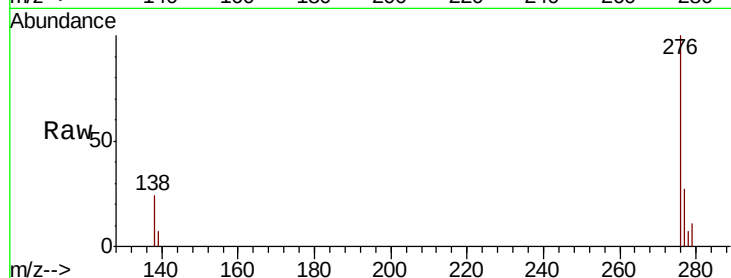
Acq: 29 Mar 2019 16:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019



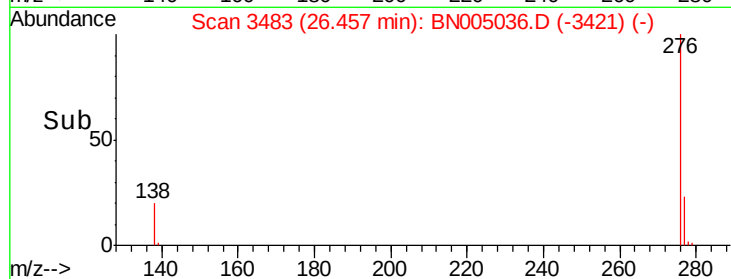
Tot Ion: 276 Resp: 5016

Ion Ratio Lower Upper

276 100

277 26.8 19.8 29.6

138 23.6 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

