

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003314.D
 Acq On : 26 Oct 2018 20:38
 Operator : MJ/SJ
 Sample : J5164-08
 Misc : 0.2 PPM LOO
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Quant Time: Oct 29 16:41:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	11779	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	48915	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	28279	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	69684	0.40	ng	0.00
27) Chrysene-d12	21.42	240	74313	0.40	ng	0.00
34) Perylene-d12	23.74	264	70866	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	11161	0.38	ng	0.00
5) Phenol-d6	7.01	99	14041	0.38	ng	0.00
8) Nitrobenzene-d5	9.02	82	9593	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	31292	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	3691	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	50776	0.42	ng	-0.01
25) Fluoranthene-d10	19.26	212	73868	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	68366	0.40	ng	0.00

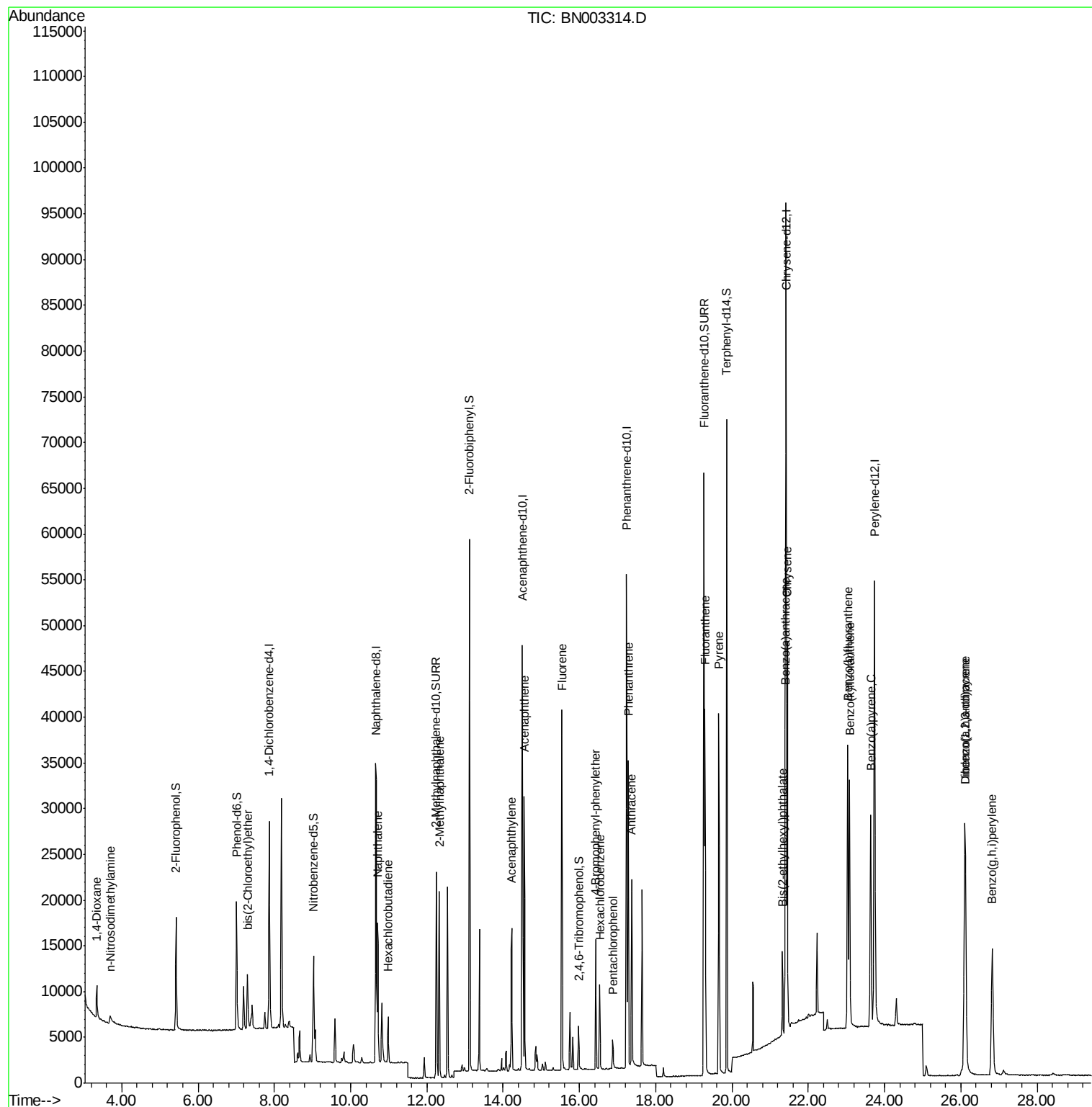
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	2581	0.169	ng	99
3) n-Nitrosodimethylamine	3.70	42	958	0.136	ng	# 95
6) bis(2-Chloroethyl)ether	7.30	93	5537	0.168	ng	96
9) Naphthalene	10.71	128	21379	0.179	ng	98
10) Hexachlorobutadiene	10.99	225	3989	0.183	ng	# 100
12) 2-Methylnaphthalene	12.32	142	14619	0.175	ng	98
16) Acenaphthylene	14.22	152	19007	0.151	ng	100
17) Acenaphthene	14.56	154	14708	0.168	ng	98
18) Fluorene	15.55	166	18173	0.166	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	6682	0.166	ng	# 82
21) Hexachlorobenzene	16.54	284	7538	0.177	ng	99
22) Pentachlorophenol	16.88	266	1593	0.138	ng	99
23) Phenanthrene	17.28	178	32418	0.170	ng	100
24) Anthracene	17.37	178	24592	0.150	ng	99
26) Fluoranthene	19.29	202	35908	0.164	ng	100
28) Pyrene	19.66	202	35358	0.172	ng	100
30) Benzo(a)anthracene	21.40	228	29211	0.150	ng	97
31) Chrysene	21.45	228	36922	0.176	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	8288	0.144	ng	99
33) Indeno(1,2,3-cd)pyrene	26.10	276	38277	0.176	ng	98
35) Benzo(b)fluoranthene	23.03	252	38581	0.175	ng	98
36) Benzo(k)fluoranthene	23.08	252	36591	0.167	ng	96
37) Benzo(a)pyrene	23.64	252	34056	0.169	ng	98
38) Dibenzo(a,h)anthracene	26.12	278	30850	0.165	ng	97
39) Benzo(g,h,i)perylene	26.82	276	31720	0.169	ng	99

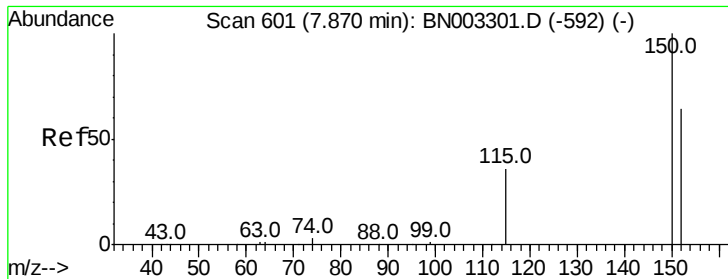
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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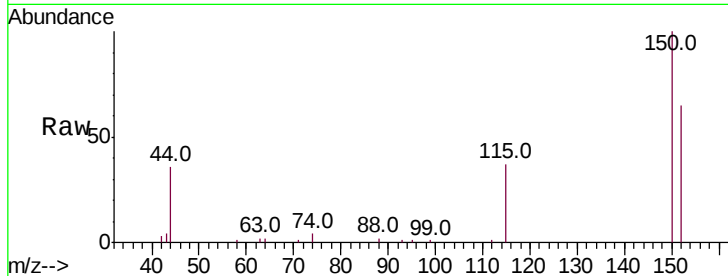


#1

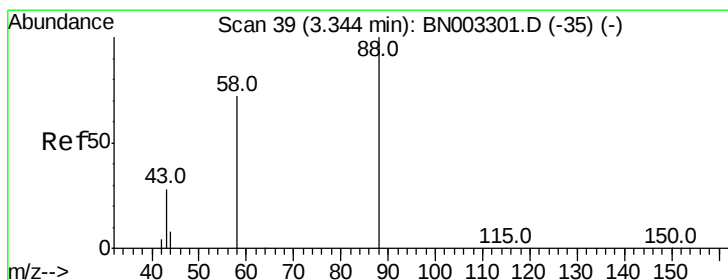
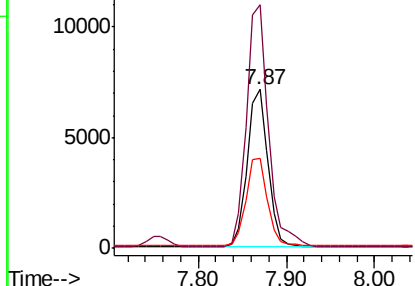
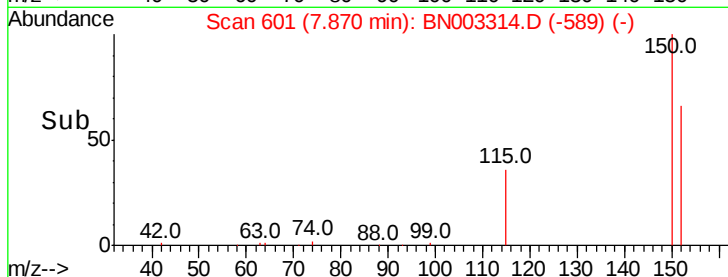
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. 0.00 min
Lab File: BN003314.D
Acq: 26 Oct 2018 20:38

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion:152 Resp: 11779
Ion Ratio Lower Upper
152 100
150 153.5 124.6 187.0
115 56.7 46.4 69.6



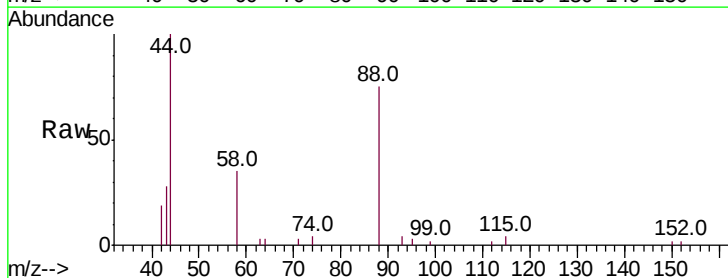
Abundance Ion 152.00 (151.70 to 152.70): E
15000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



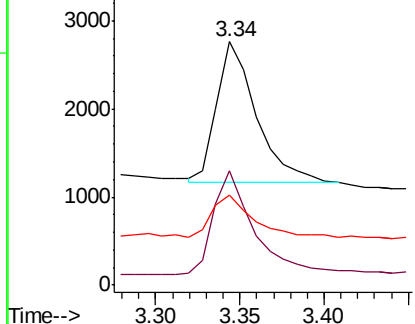
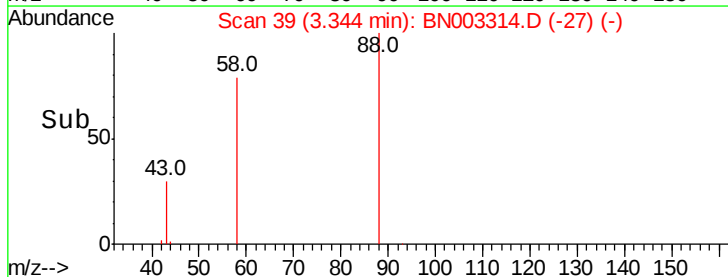
#2

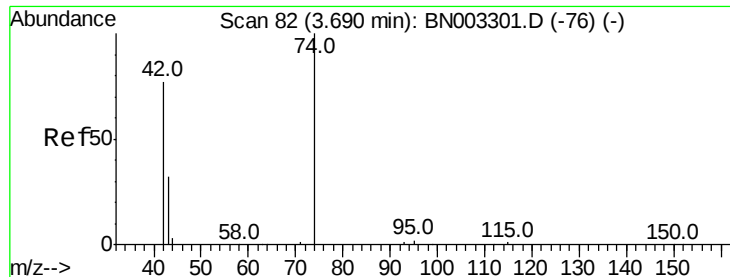
1,4-Dioxane
Concen: 0.169 ng
RT: 3.34 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN003314.D
Acq: 26 Oct 2018 20:38

Tgt Ion: 88 Resp: 2581
Ion Ratio Lower Upper
88 100
58 75.7 60.9 91.3
43 30.8 23.9 35.9



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





#3

n-Nitrosodimethylamine

Concen: 0.136 ng

RT: 3.70 min Scan# 83

Delta R.T. 0.01 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

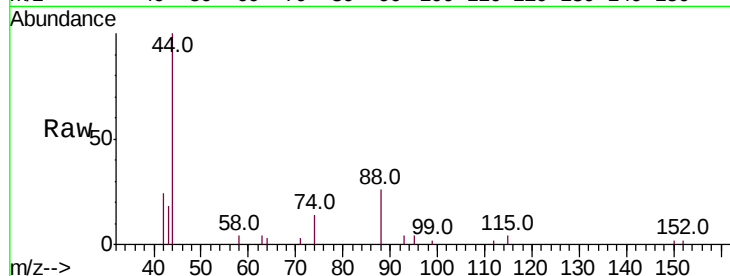
Tot Ion: 42 Resp: 958

Ion Ratio Lower Upper

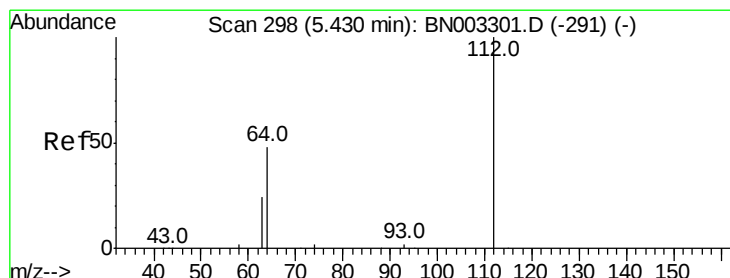
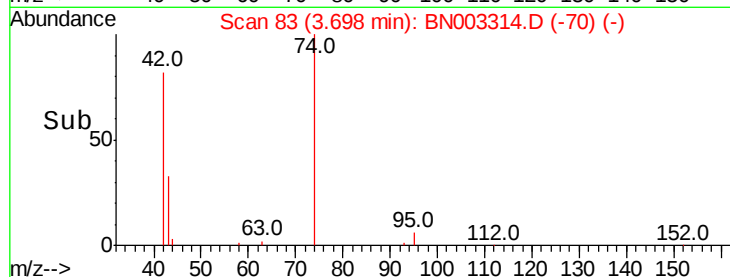
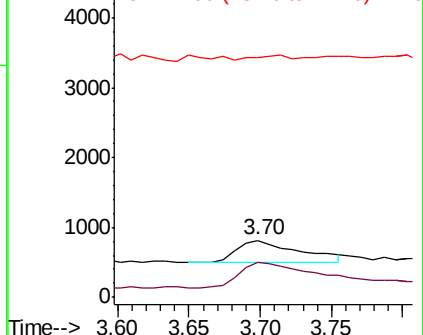
42 100

74 119.2 99.1 148.7

44 10.8 4.2 6.4#



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



#4

2-Fluorophenol

Concen: 0.383 ng

RT: 5.43 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

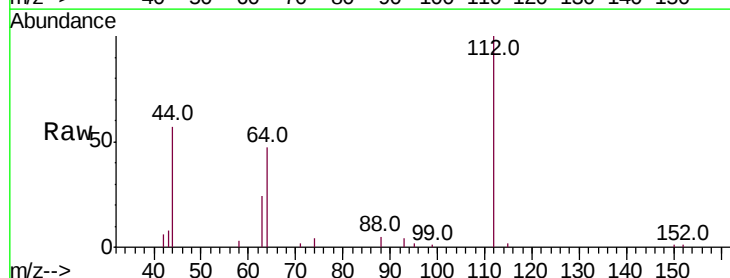
Tgt Ion: 112 Resp: 11161

Ion Ratio Lower Upper

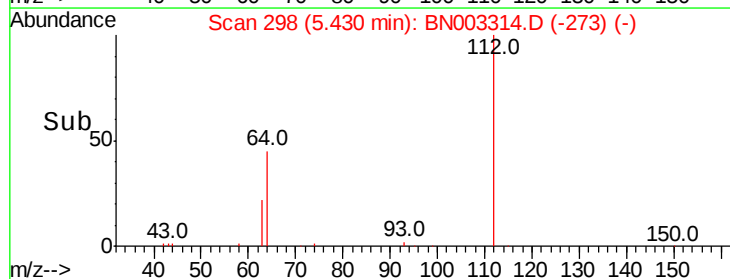
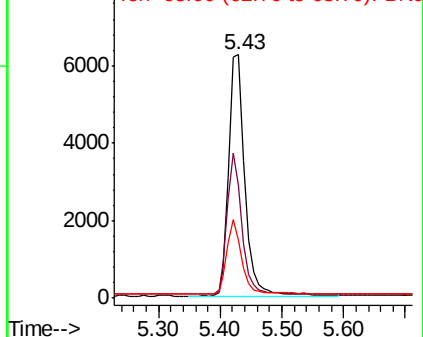
112 100

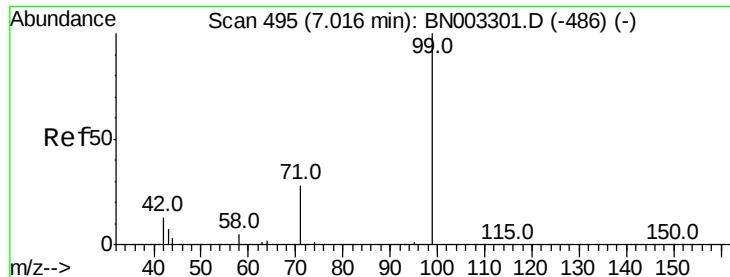
64 54.6 44.3 66.5

63 27.7 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.381 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

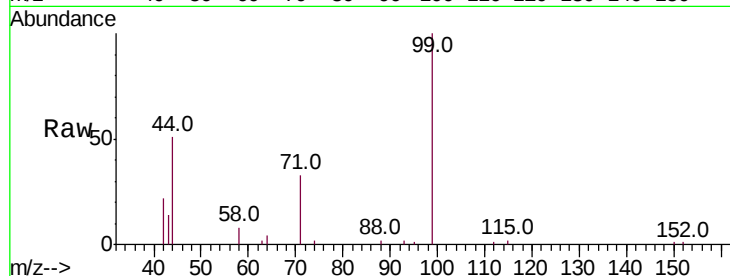
Tot Ion: 99 Resp: 14041

Ion Ratio Lower Upper

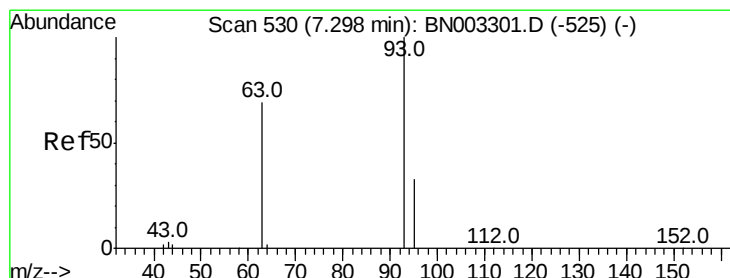
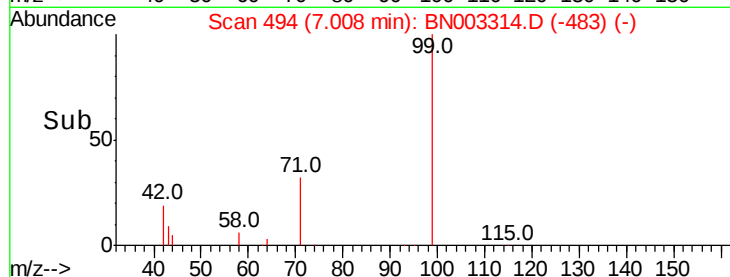
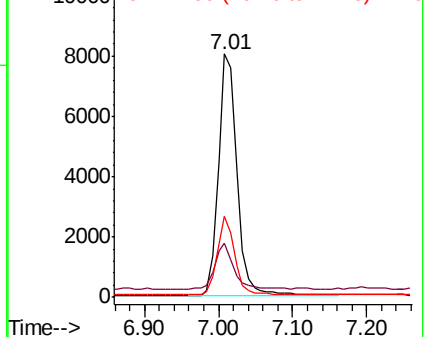
99 100

42 18.4 14.8 22.2

71 30.5 24.8 37.2



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: 0.168 ng

RT: 7.30 min Scan# 530

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

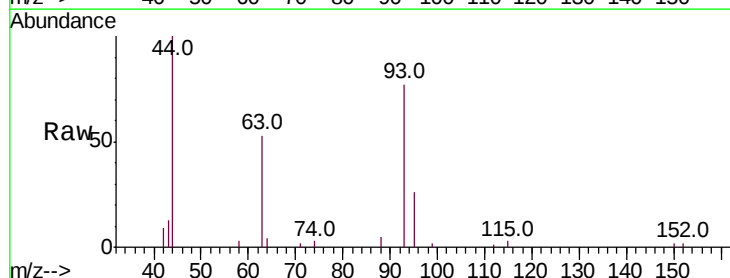
Tgt Ion: 93 Resp: 5537

Ion Ratio Lower Upper

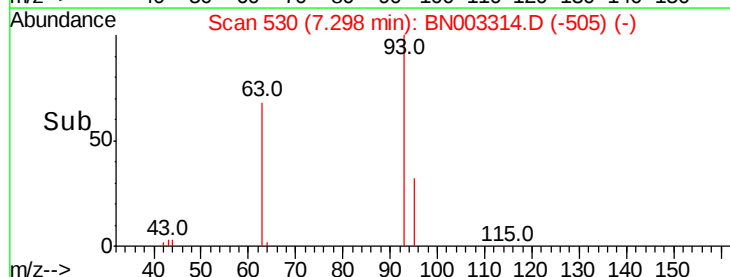
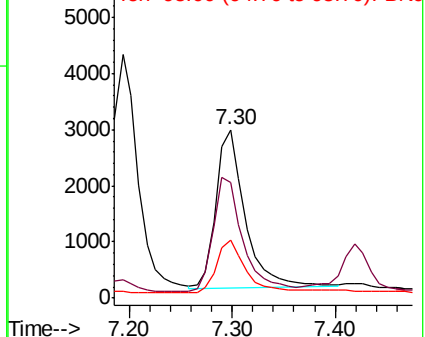
93 100

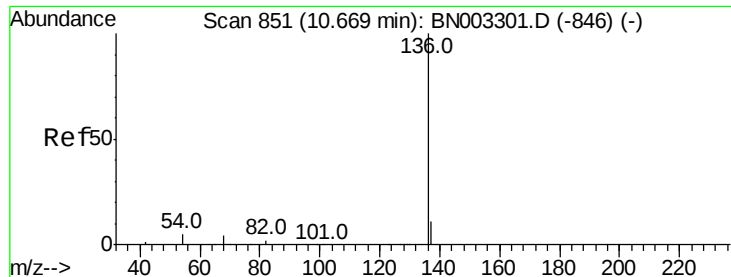
63 73.6 55.8 83.6

95 33.7 25.4 38.2



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: 10.67 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:136 Resp: 48915

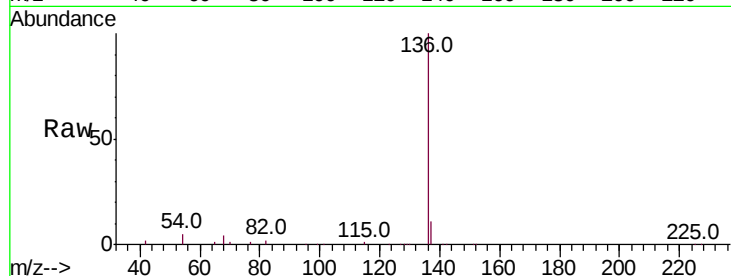
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 4.5 4.1 6.1

68 3.9 3.5 5.3

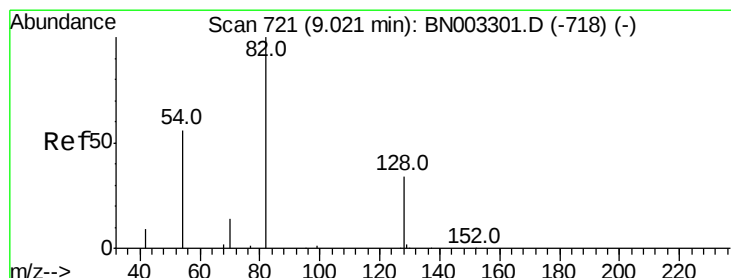
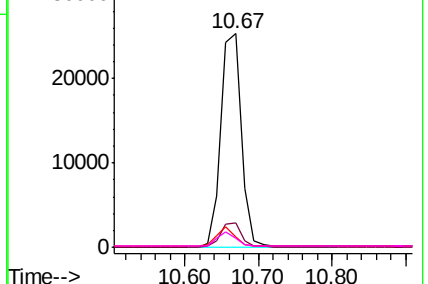
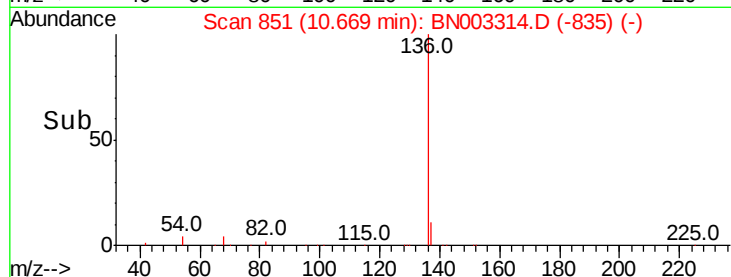


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.448 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

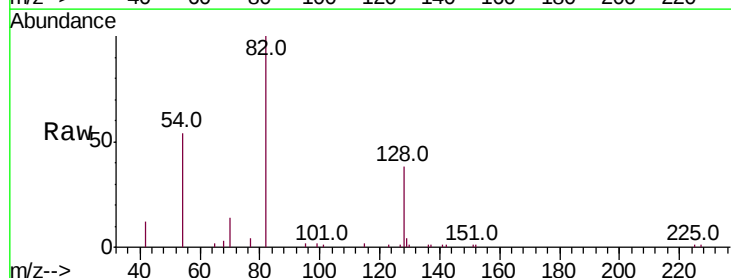
Tgt Ion: 82 Resp: 9593

Ion Ratio Lower Upper

82 100

128 37.8 28.9 43.3

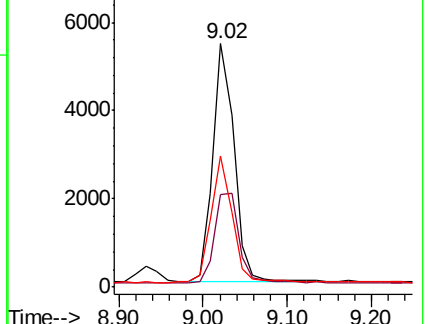
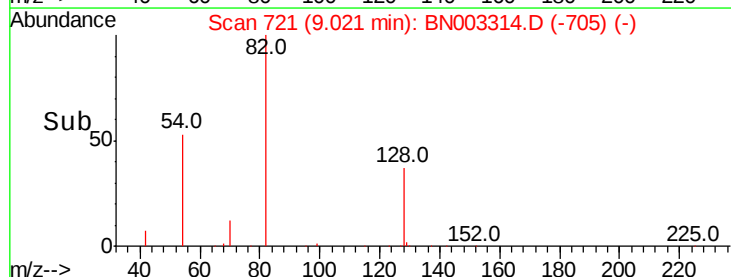
54 54.0 46.1 69.1

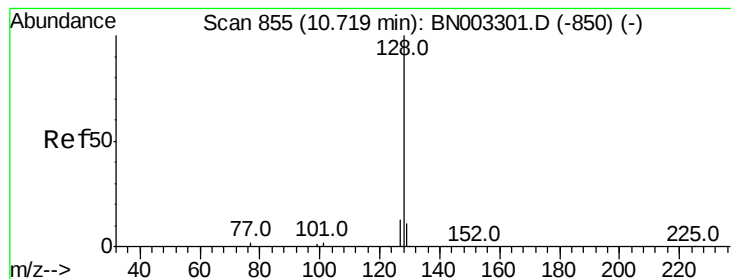


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.179 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

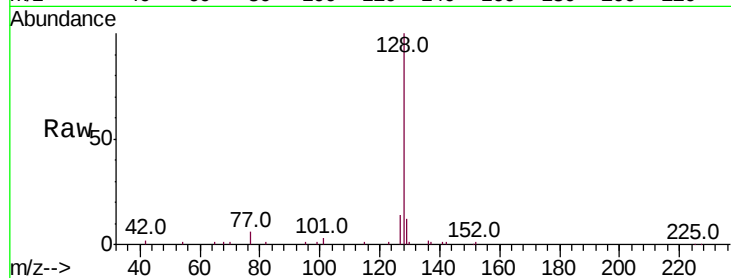
Tot Ion:128 Resp: 21379

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

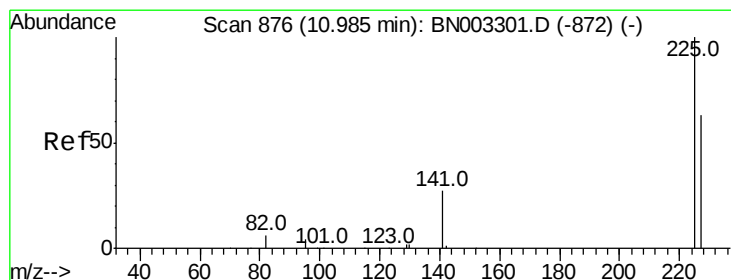
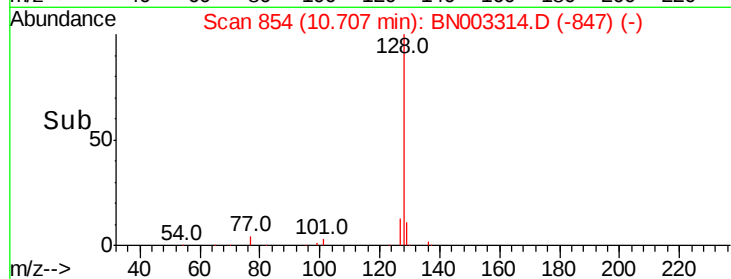
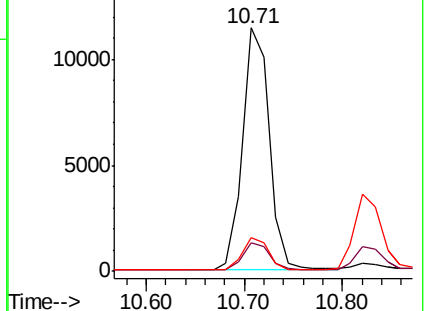
127 13.7 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.183 ng

RT: 10.99 min Scan# 876

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

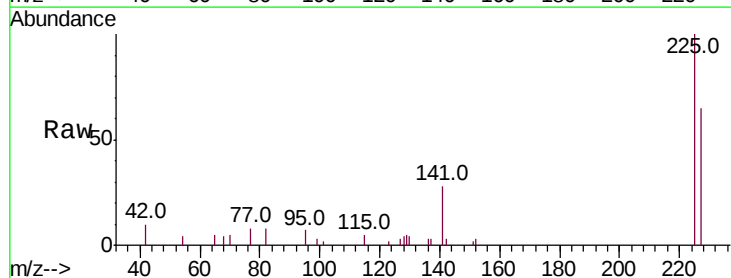
Tgt Ion:225 Resp: 3989

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

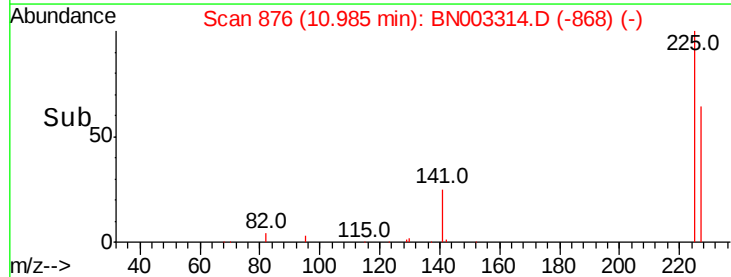
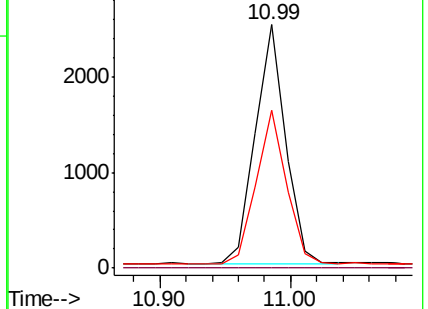
227 64.2 51.3 76.9

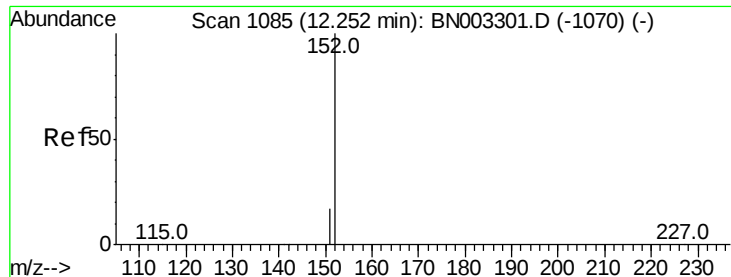


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

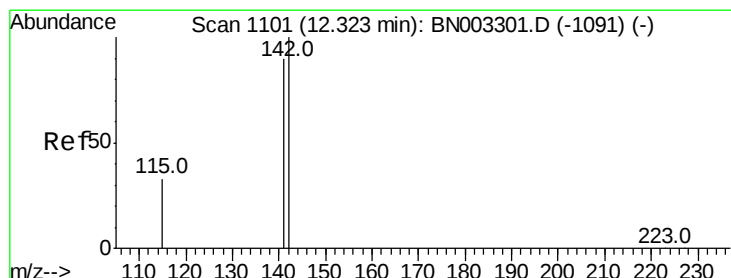
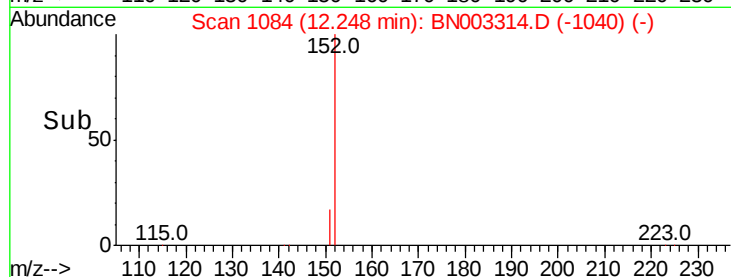
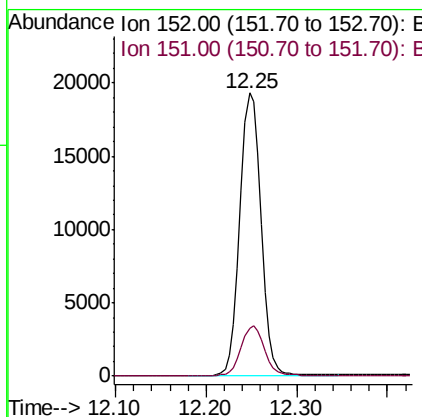
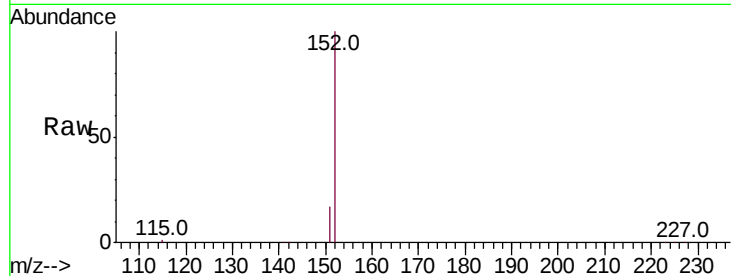




#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.25 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BN003314.D
Acq: 26 Oct 2018 20:38

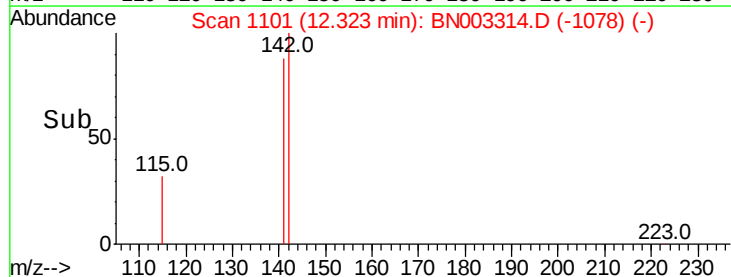
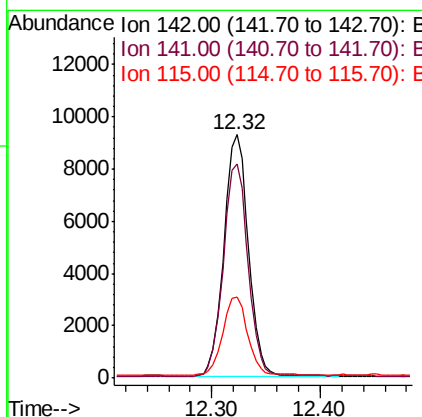
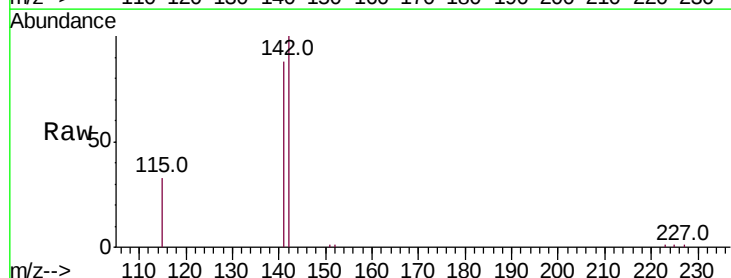
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

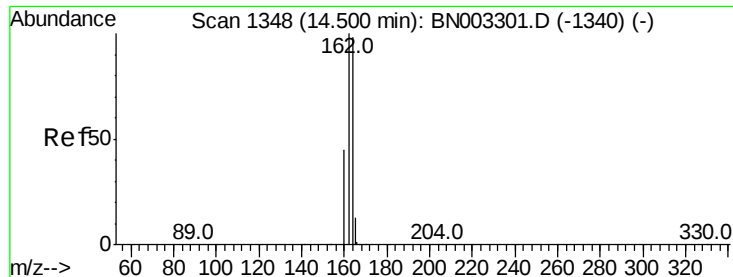
Tot Ion:152 Resp: 31292
Ion Ratio Lower Upper
152 100
151 19.1 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.175 ng
RT: 12.32 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BN003314.D
Acq: 26 Oct 2018 20:38

Tgt Ion:142 Resp: 14619
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9
115 33.0 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

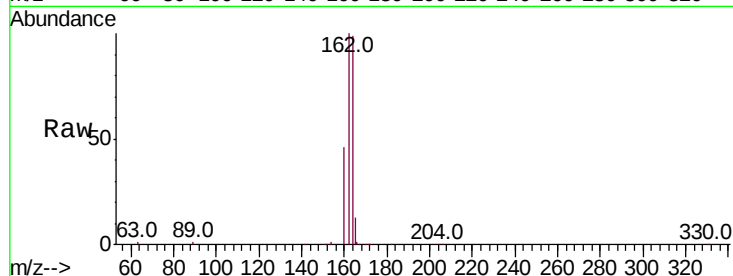
BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:164 Resp: 28279

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.8	122.6
160	46.5	37.2	55.8

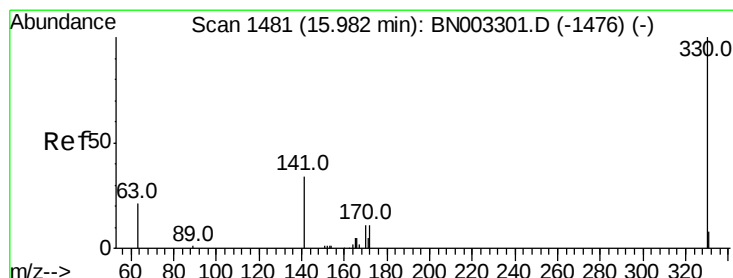
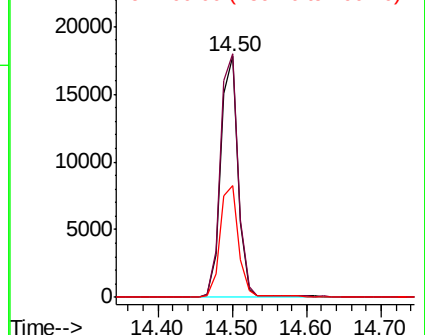
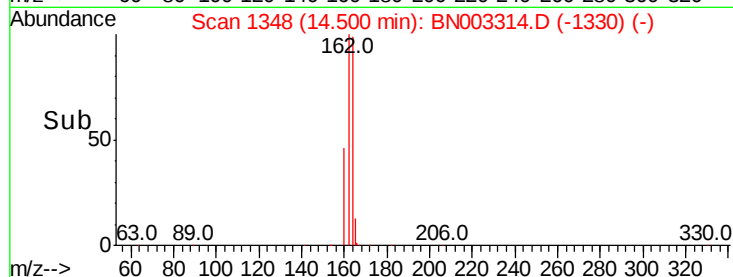


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.328 ng

RT: 15.98 min Scan# 1481

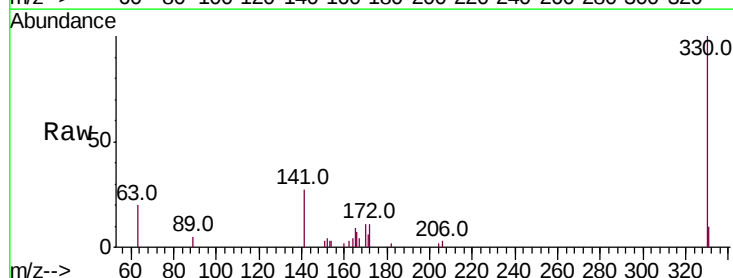
Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Tgt Ion:330 Resp: 3691

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.7	28.3	42.5

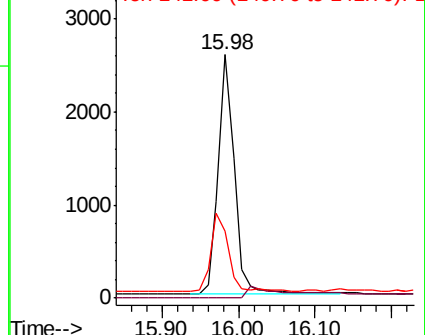
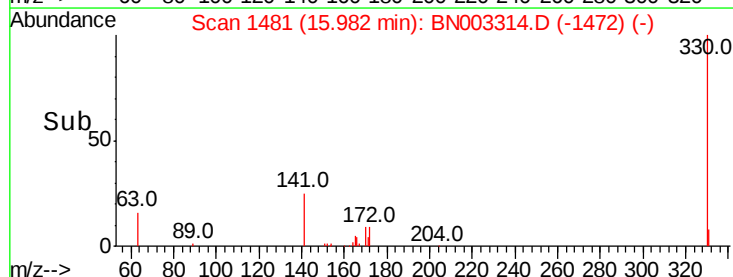


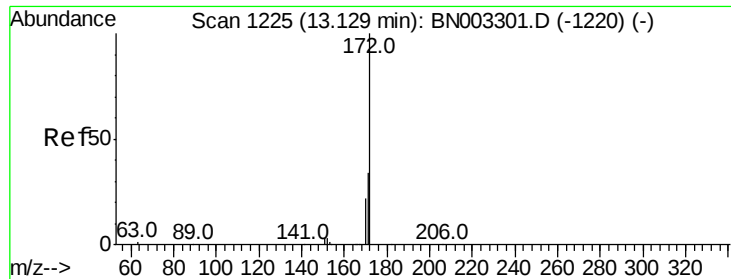
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

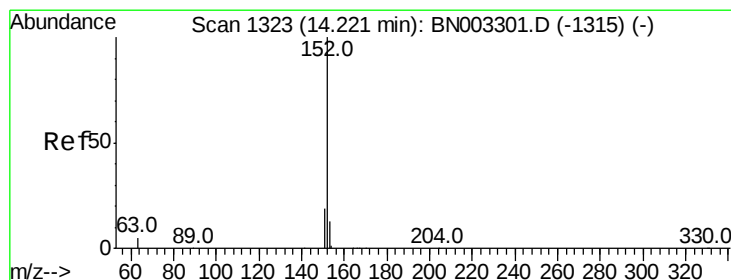
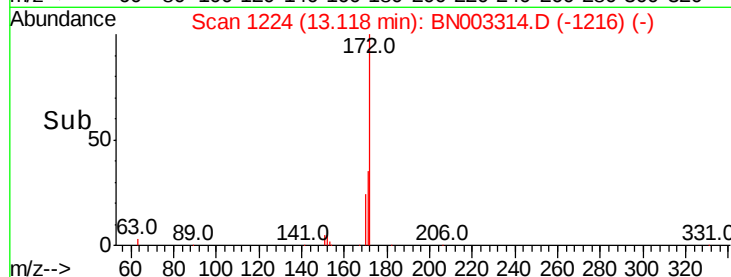
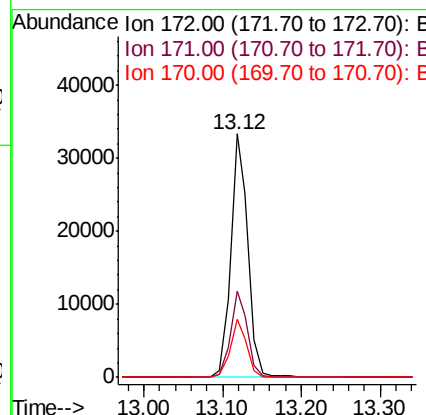
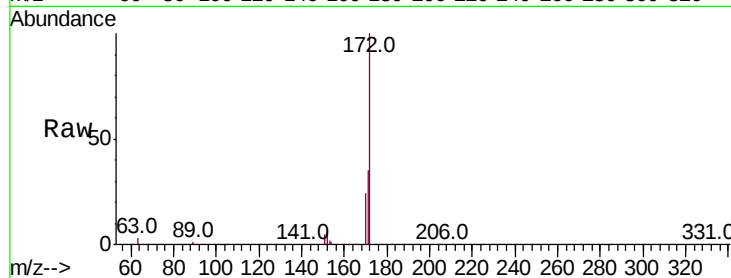




#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003314.D
Acq: 26 Oct 2018 20:38

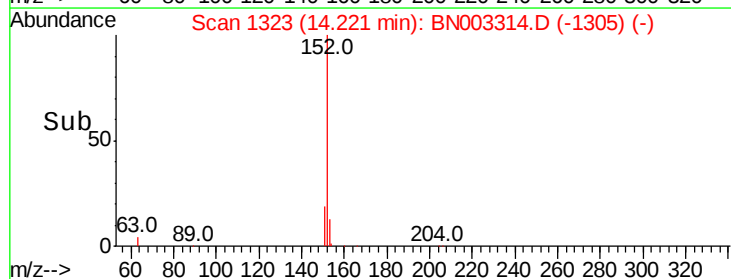
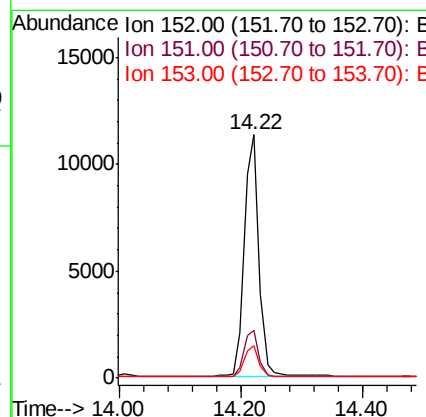
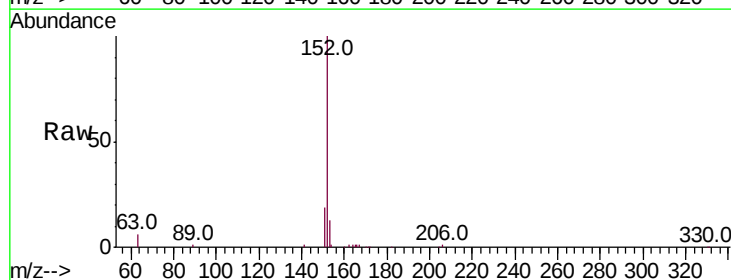
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

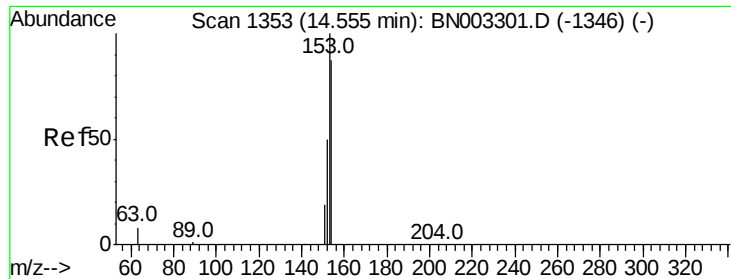
Tot Ion:172 Resp: 50776
Ion Ratio Lower Upper
172 100
171 35.3 27.1 40.7
170 23.7 17.4 26.0



#16
Acenaphthylene
Concen: 0.151 ng
RT: 14.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN003314.D
Acq: 26 Oct 2018 20:38

Tgt Ion:152 Resp: 19007
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.168 ng

RT: 14.56 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

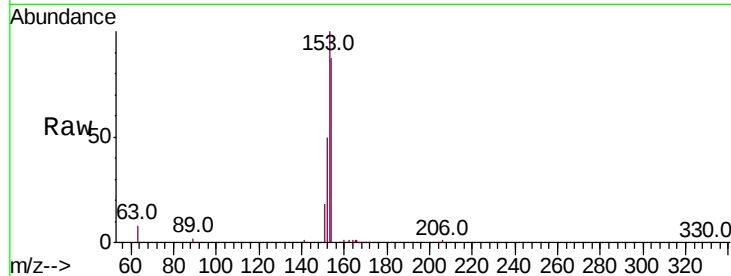
Tot Ion:154 Resp: 14708

Ion Ratio Lower Upper

154 100

153 113.5 88.9 133.3

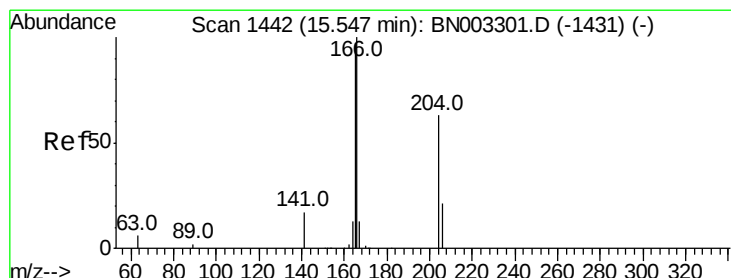
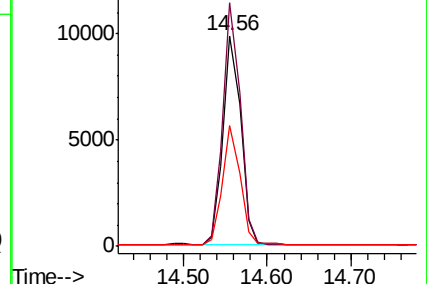
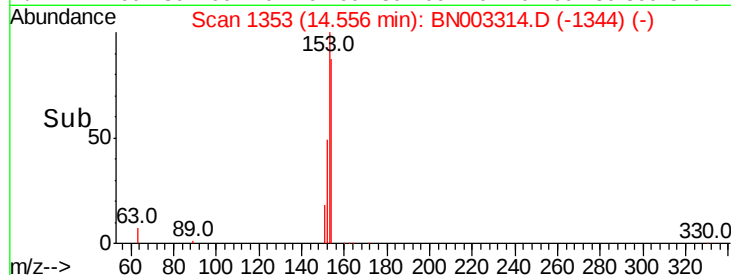
152 56.3 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.166 ng

RT: 15.55 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

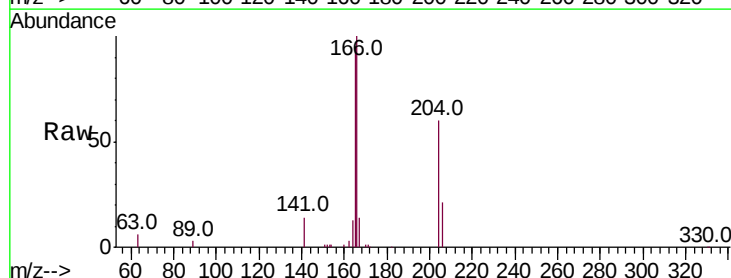
Tgt Ion:166 Resp: 18173

Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.8

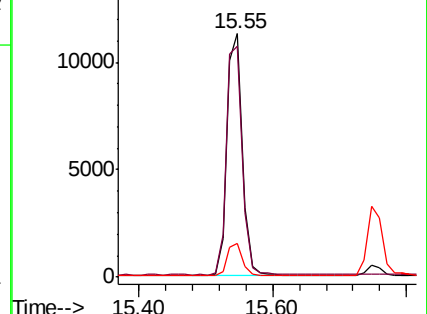
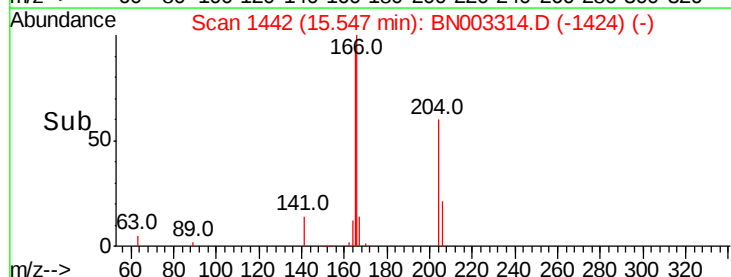
167 13.6 10.9 16.3

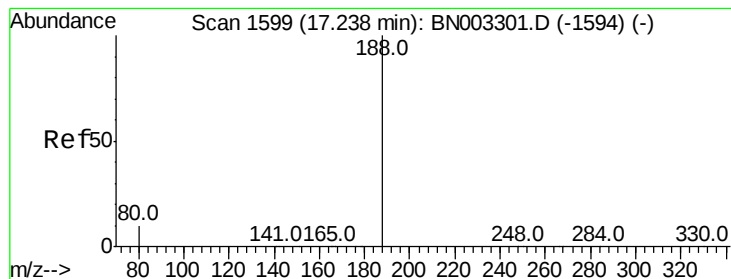


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

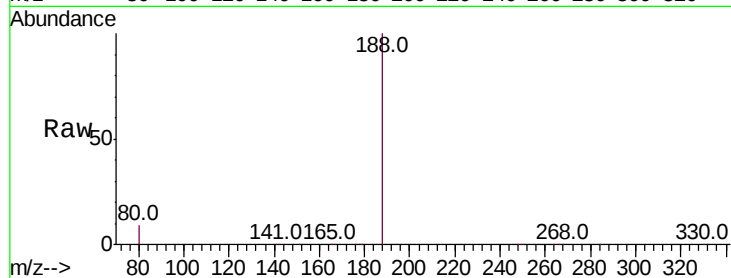
Tot Ion:188 Resp: 69684

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

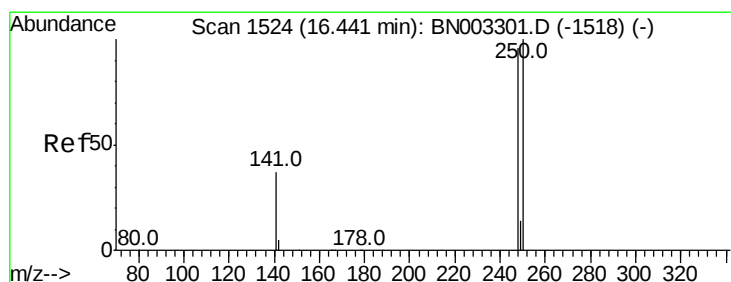
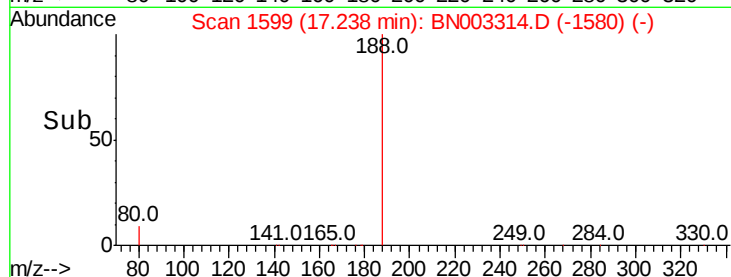
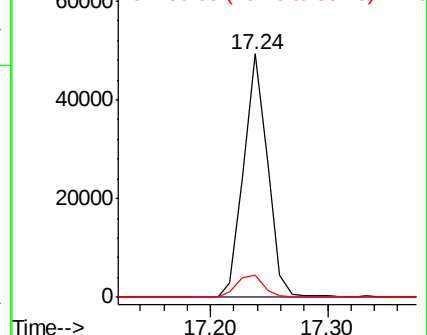
80 9.2 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.166 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

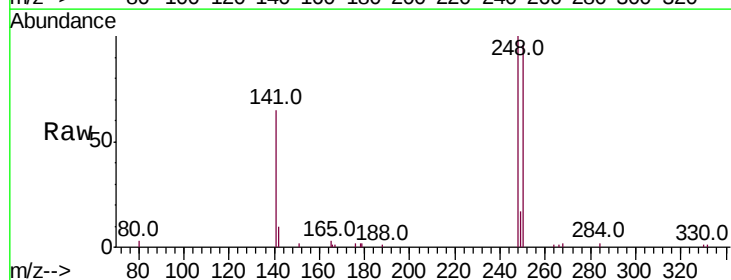
Tgt Ion:248 Resp: 6682

Ion Ratio Lower Upper

248 100

250 95.6 83.7 125.5

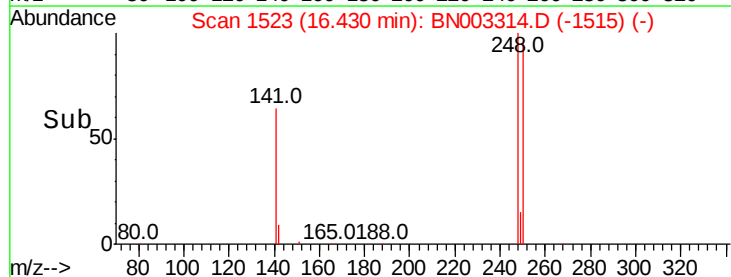
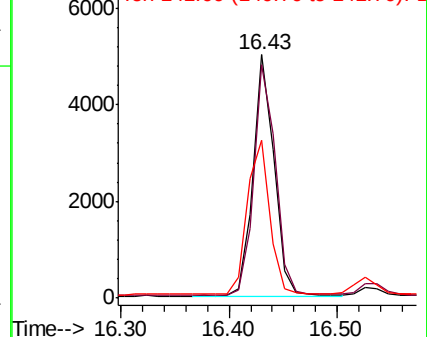
141 65.0 31.4 47.0#

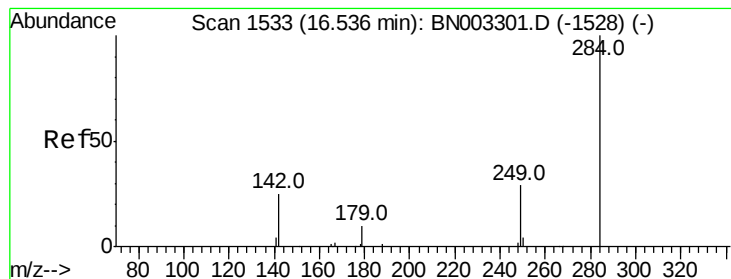


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.177 ng

RT: 16.54 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

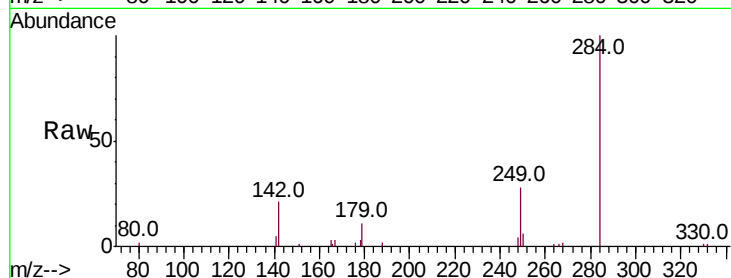
Tot Ion:284 Resp: 7538

Ion Ratio Lower Upper

284 100

142 36.1 29.7 44.5

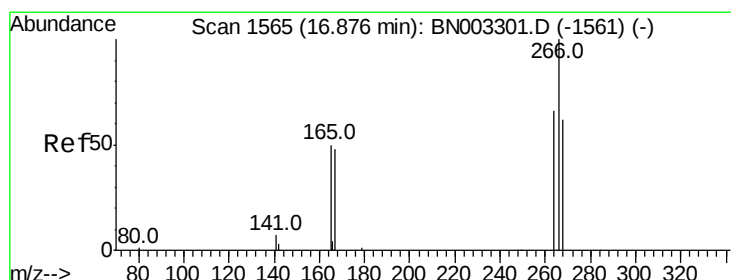
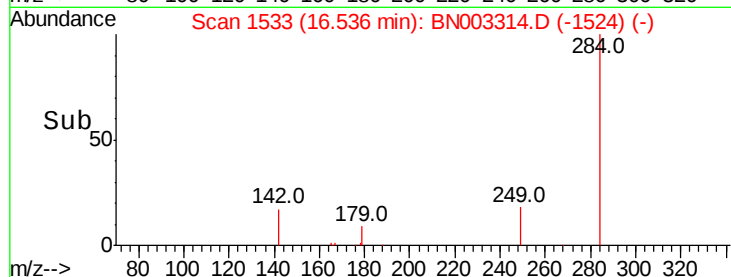
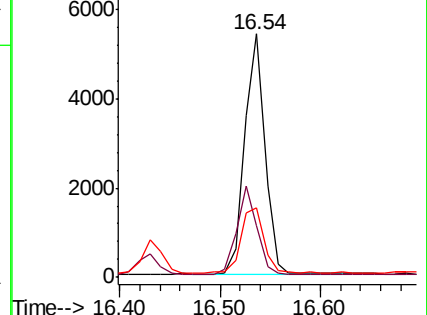
249 30.0 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.138 ng

RT: 16.88 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

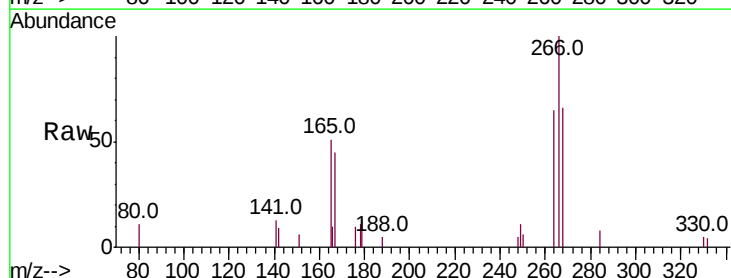
Tgt Ion:266 Resp: 1593

Ion Ratio Lower Upper

266 100

264 65.1 52.1 78.1

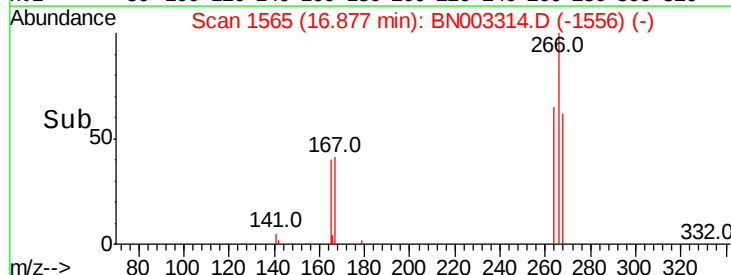
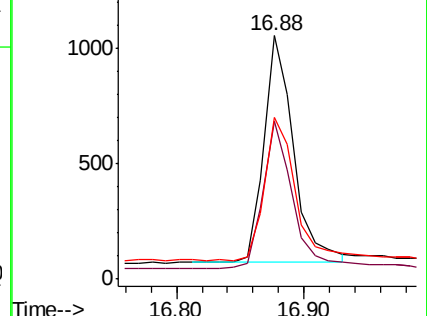
268 66.2 51.8 77.6

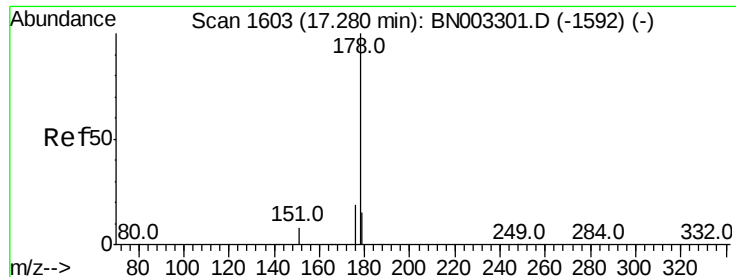


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.170 ng

RT: 17.28 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

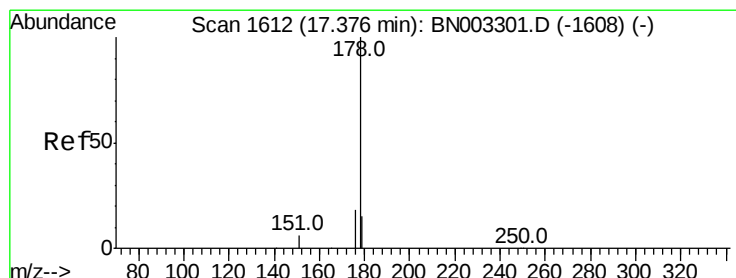
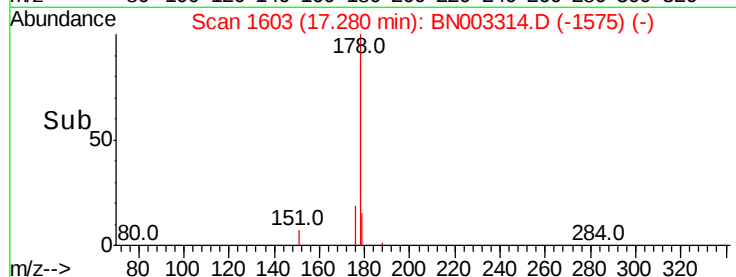
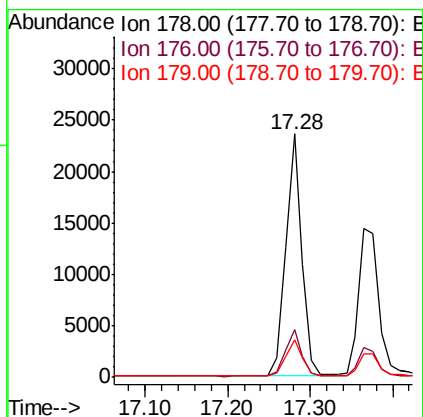
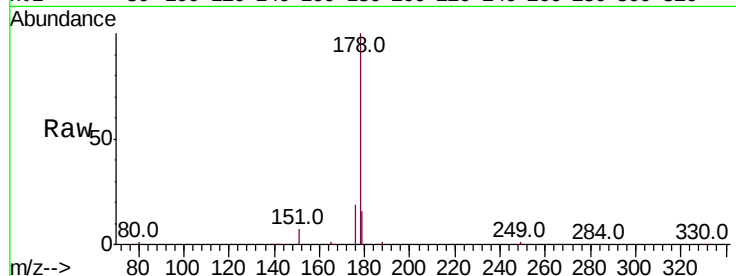
Tot Ion:178 Resp: 32418

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.6 12.4 18.6



#24

Anthracene

Concen: 0.150 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

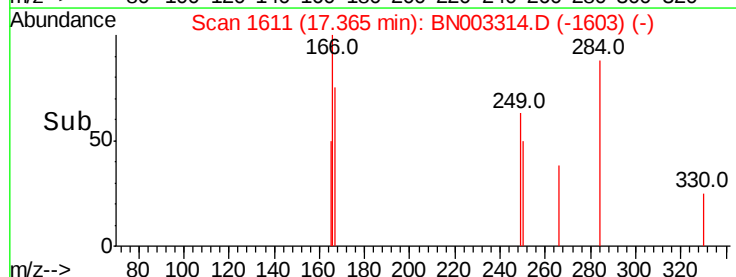
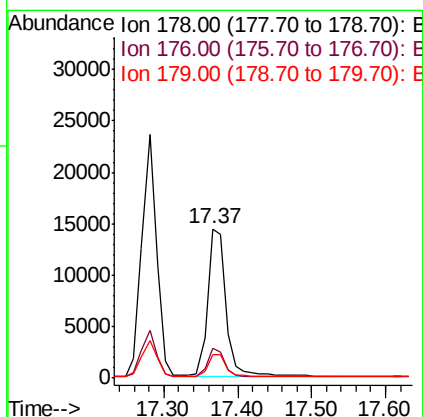
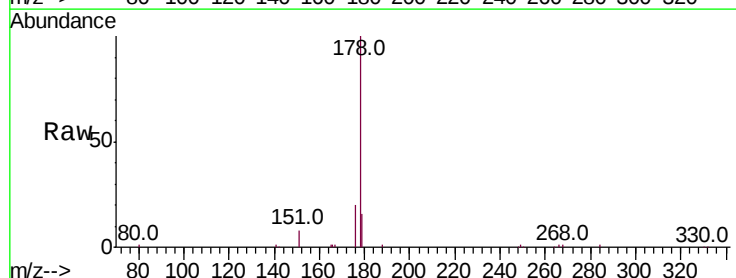
Tgt Ion:178 Resp: 24592

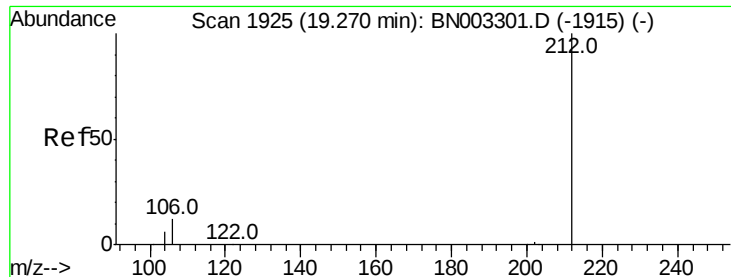
Ion Ratio Lower Upper

178 100

176 18.5 14.5 21.7

179 15.5 12.2 18.4

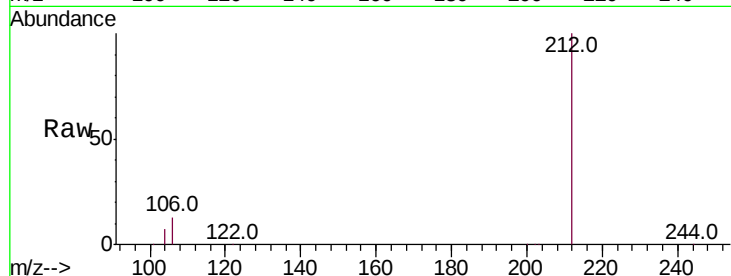




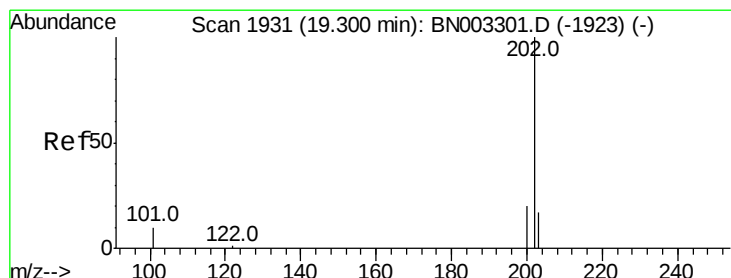
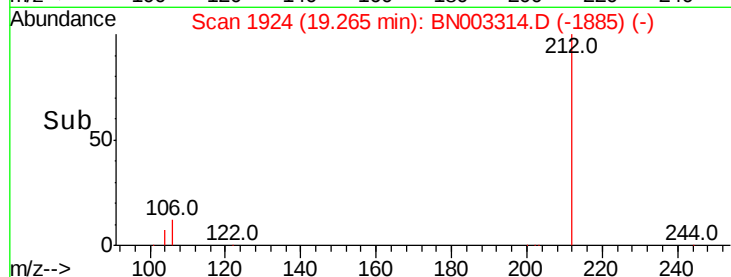
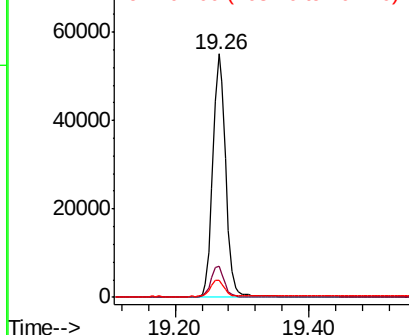
#25
 Fluoranthene-d10
 Concen: 0.365 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: BN003314.D
 Acq: 26 Oct 2018 20:38

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tot Ion:212 Resp: 73868
 Ion Ratio Lower Upper
 212 100
 106 12.8 10.3 15.5
 104 7.1 5.6 8.4

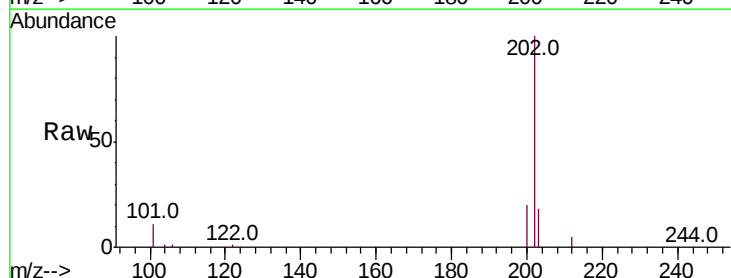


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

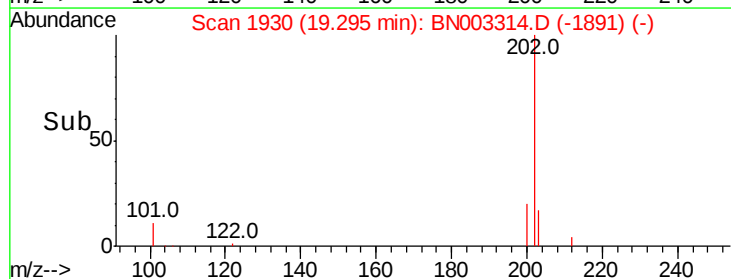
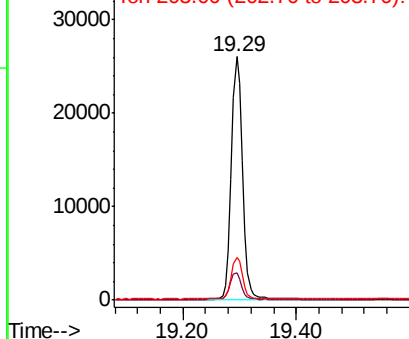


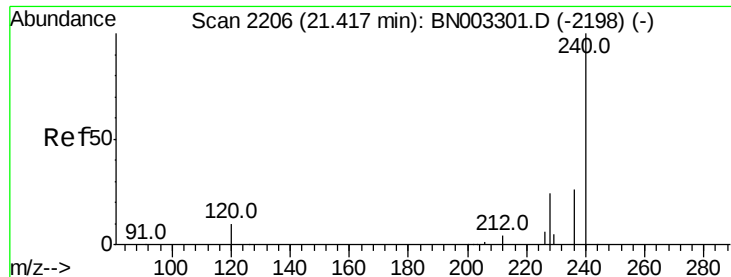
#26
 Fluoranthene
 Concen: 0.164 ng
 RT: 19.29 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BN003314.D
 Acq: 26 Oct 2018 20:38

Tgt Ion:202 Resp: 35908
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.0 13.4
 203 17.1 13.8 20.6



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

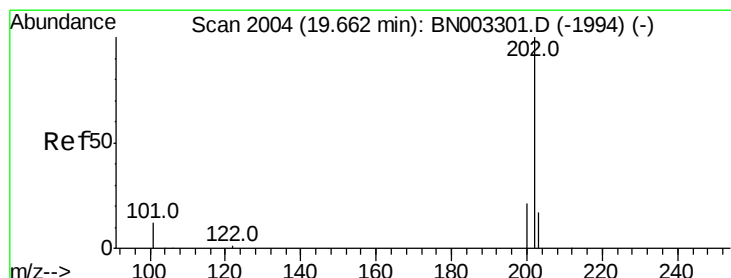
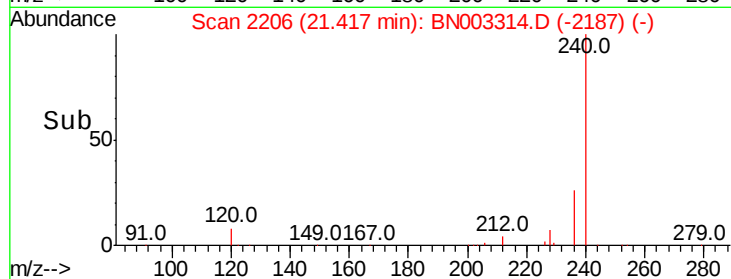
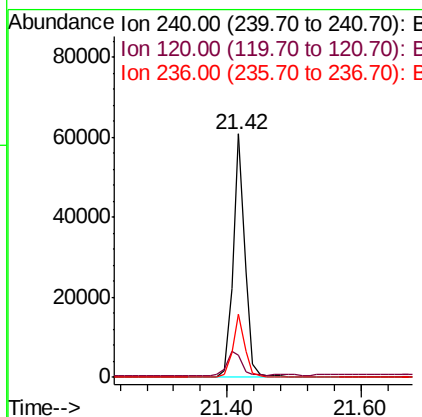
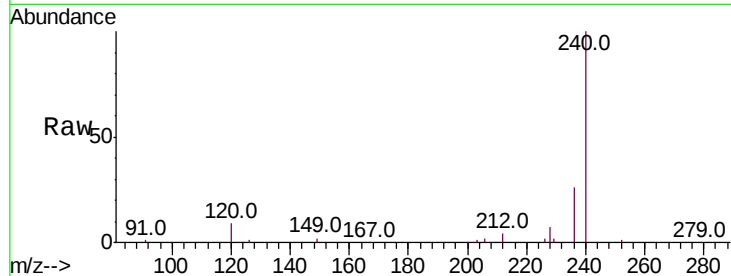




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BN003314.D
Acq: 26 Oct 2018 20:38

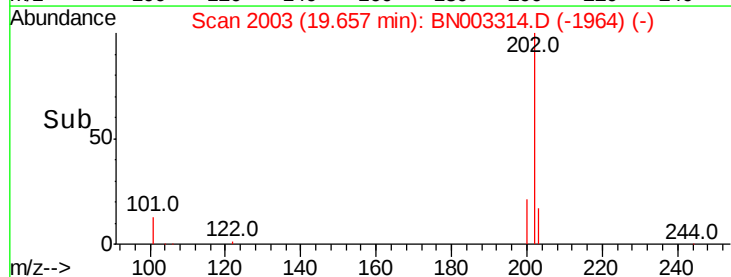
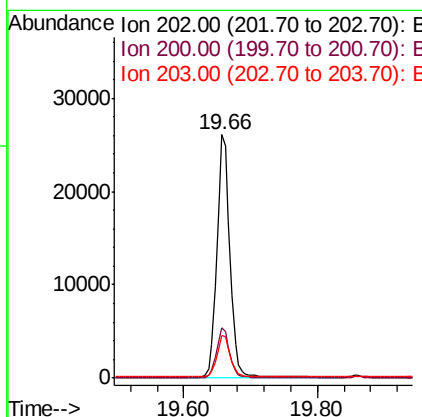
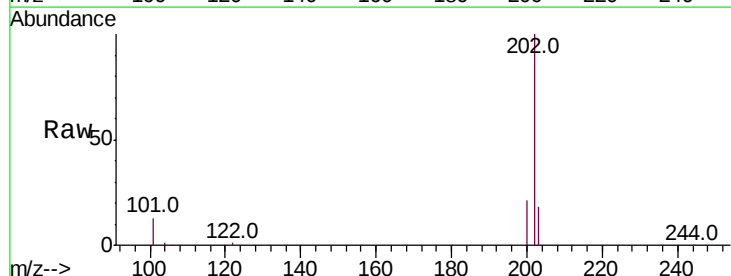
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

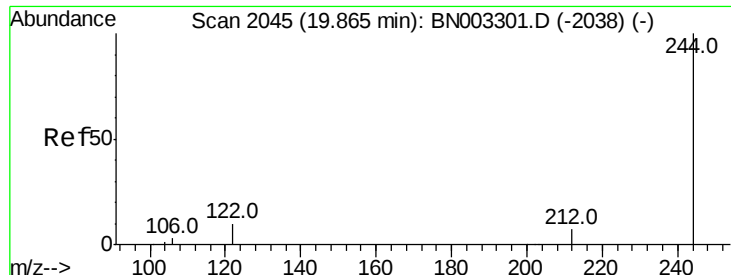
Tot Ion:240 Resp: 74313
Ion Ratio Lower Upper
240 100
120 8.9 9.3 13.9#
236 26.0 21.0 31.4



#28
Pyrene
Concen: 0.172 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN003314.D
Acq: 26 Oct 2018 20:38

Tgt Ion:202 Resp: 35358
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.4 13.9 20.9





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 19.86 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

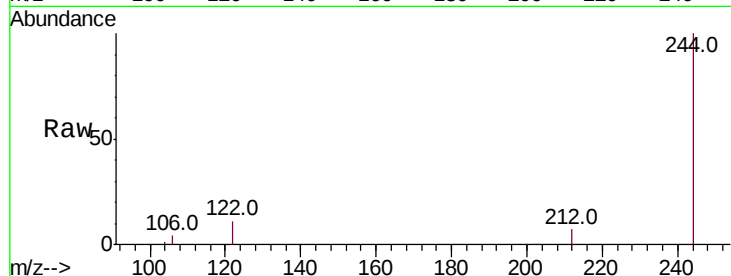
Tot Ion:244 Resp: 68366

Ion Ratio Lower Upper

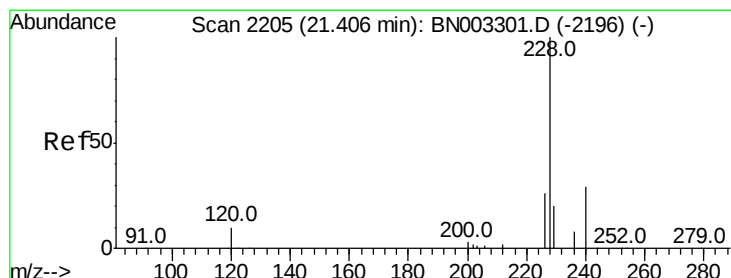
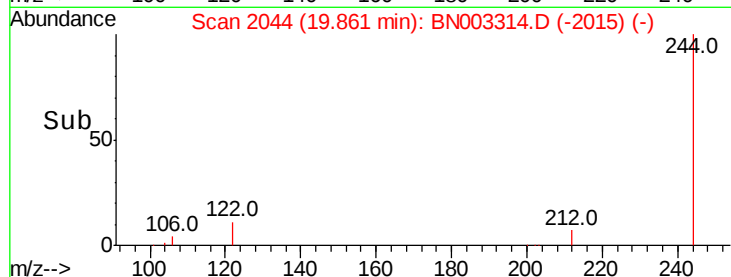
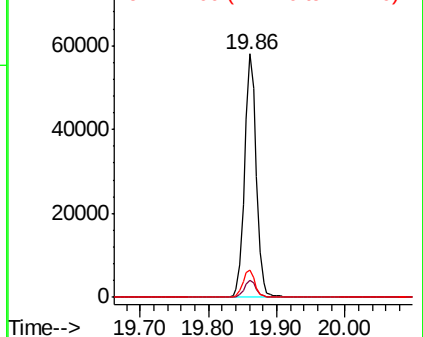
244 100

212 7.0 5.6 8.4

122 11.3 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.150 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

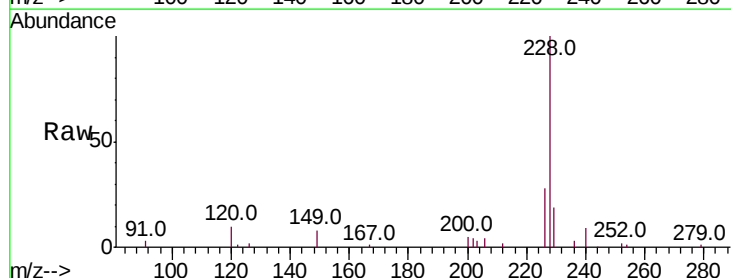
Tgt Ion:228 Resp: 29211

Ion Ratio Lower Upper

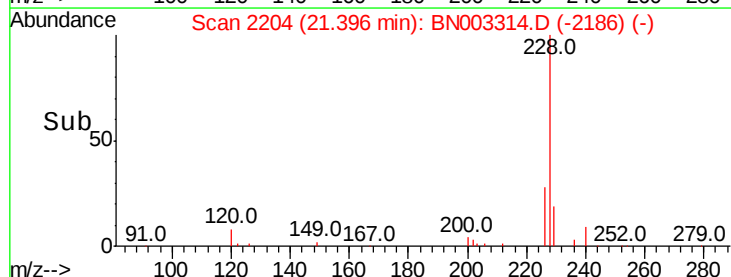
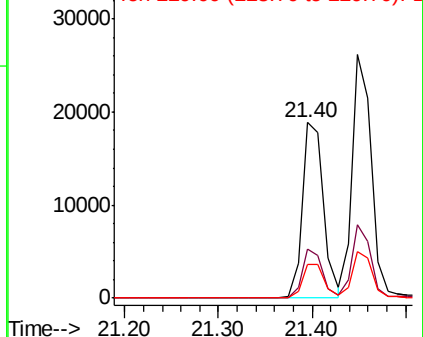
228 100

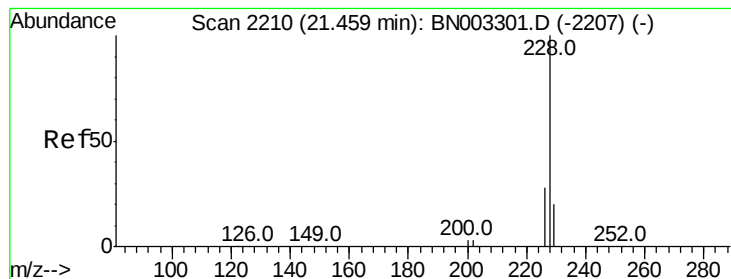
226 27.8 20.8 31.2

229 19.3 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: 0.176 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument:

BNA_N

ClientSampleId:

LOQ-WATER-02-QT4-2018

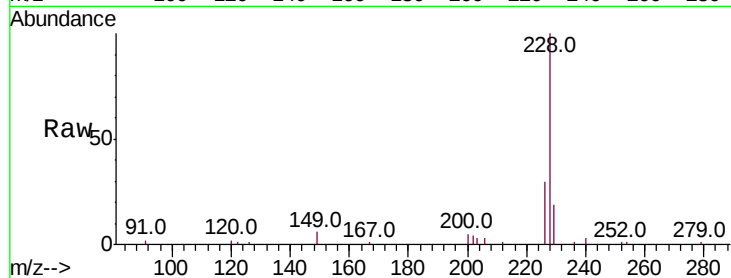
Tot Ion:228 Resp: 36922

Ion Ratio Lower Upper

228 100

226 30.1 22.7 34.1

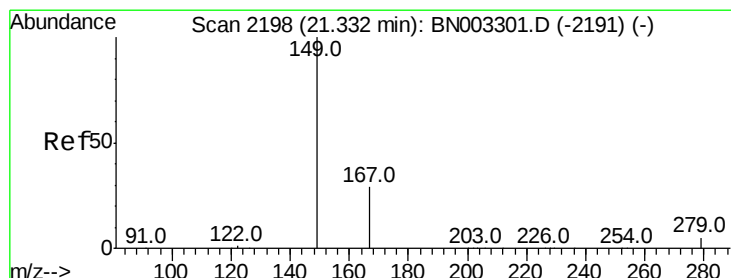
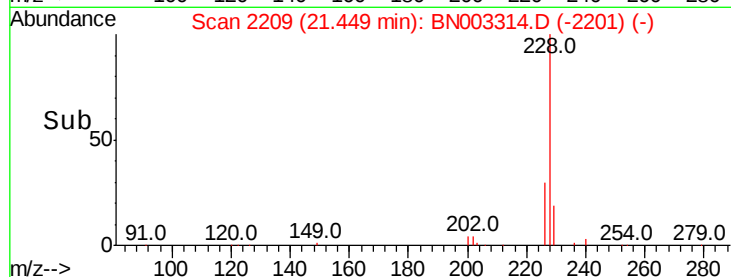
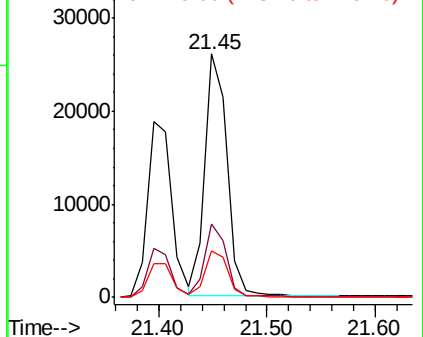
229 19.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.144 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

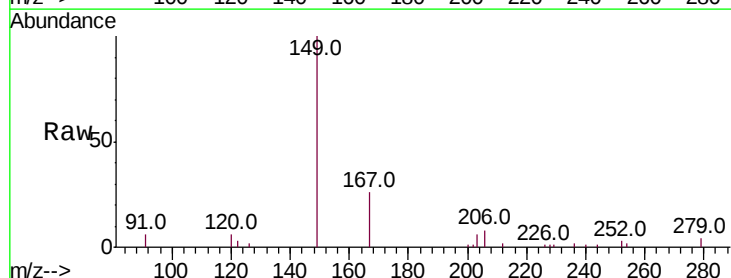
Tgt Ion:149 Resp: 8288

Ion Ratio Lower Upper

149 100

167 28.5 22.4 33.6

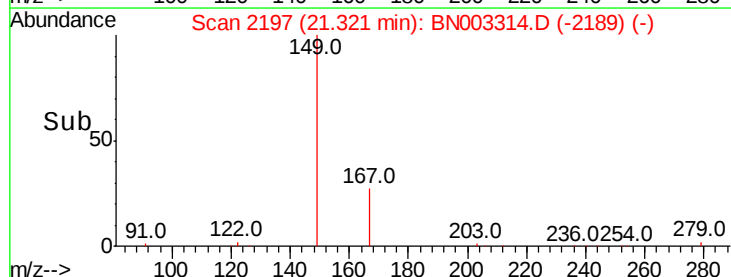
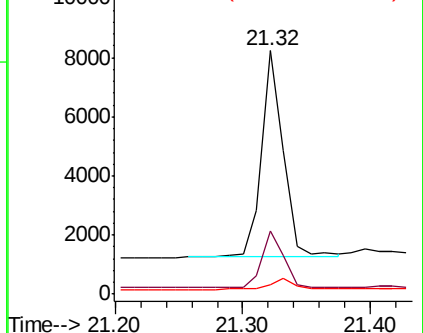
279 5.3 3.9 5.9

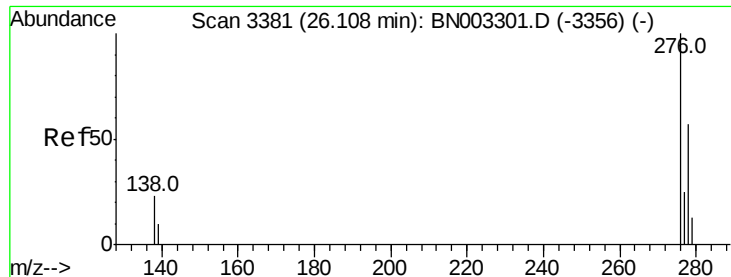


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.176 ng

RT: 26.10 min Scan# 3380

Delta R.T. -0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

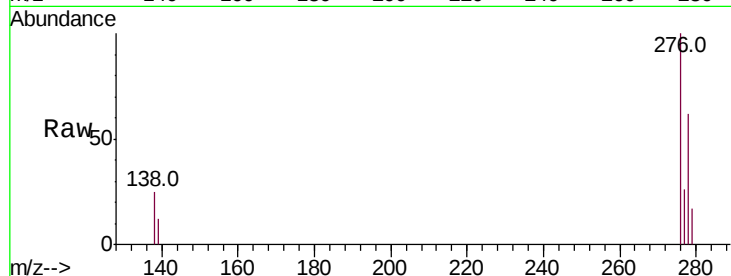
Tot Ion:276 Resp: 38277

Ion Ratio Lower Upper

276 100

138 23.9 20.6 30.8

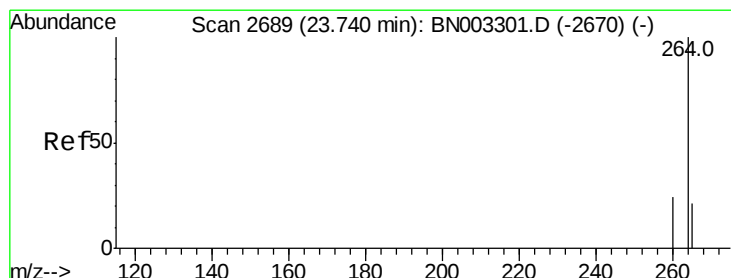
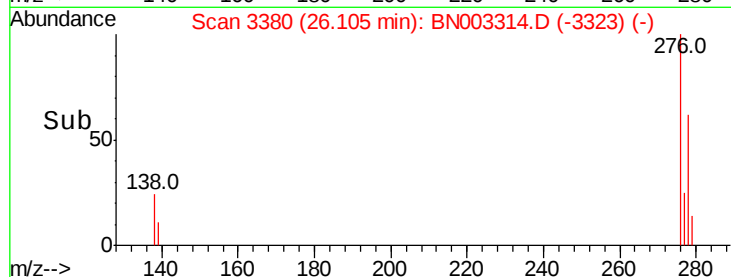
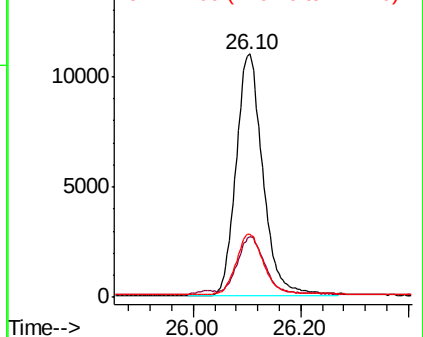
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2689

Delta R.T. 0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

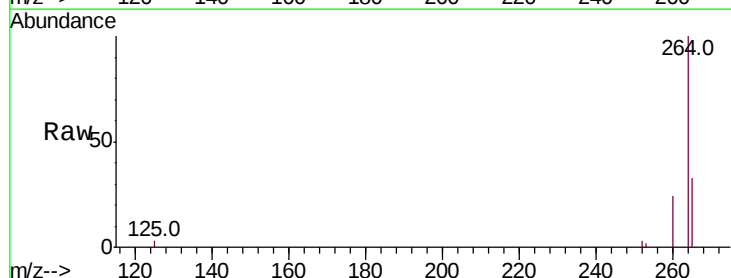
Tgt Ion:264 Resp: 70866

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

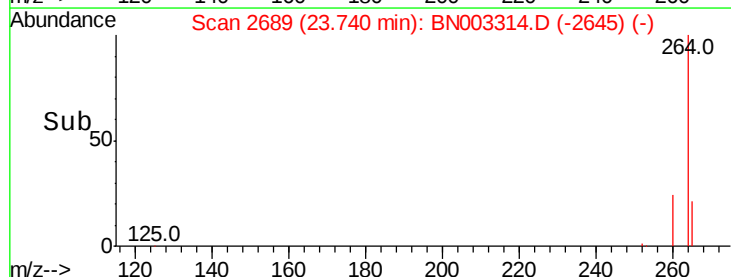
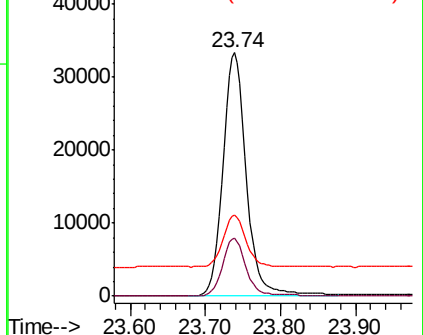
265 33.3 26.4 39.6

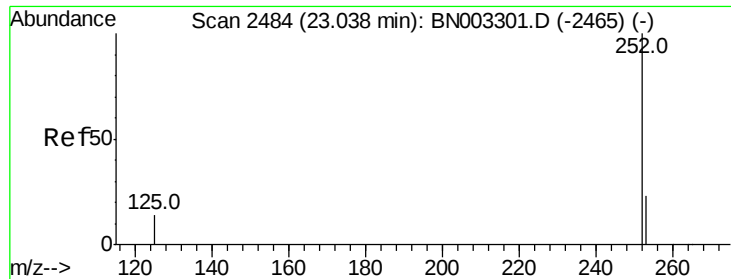


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.175 ng

RT: 23.03 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

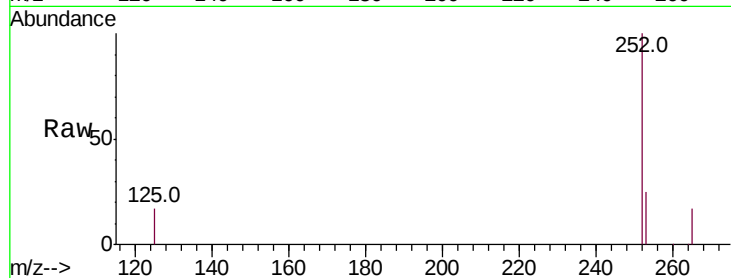
Tot Ion:252 Resp: 38581

Ion Ratio Lower Upper

252 100

253 25.2 19.3 28.9

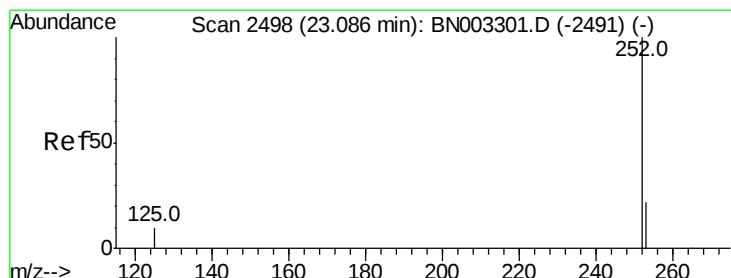
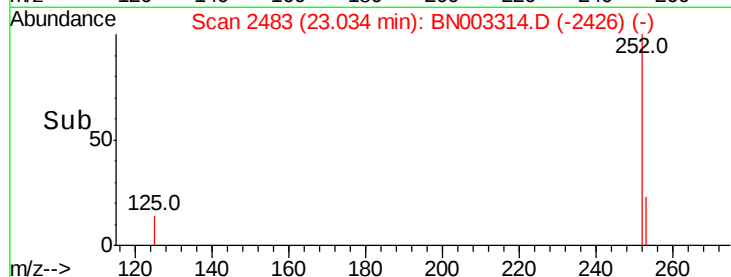
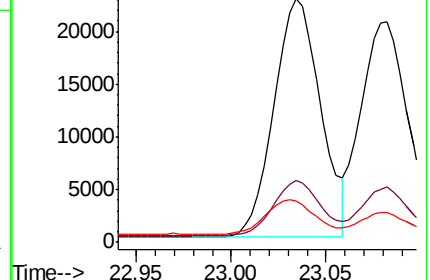
125 16.9 12.7 19.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.167 ng

RT: 23.08 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

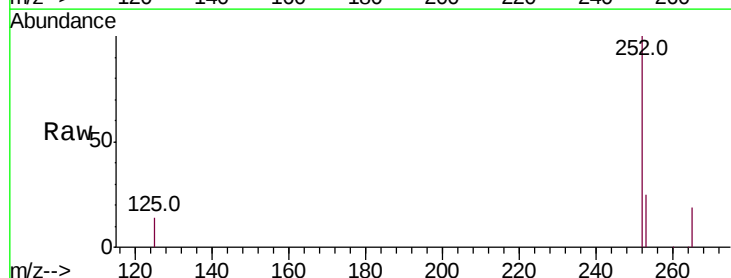
Tgt Ion:252 Resp: 36591

Ion Ratio Lower Upper

252 100

253 24.9 18.5 27.7

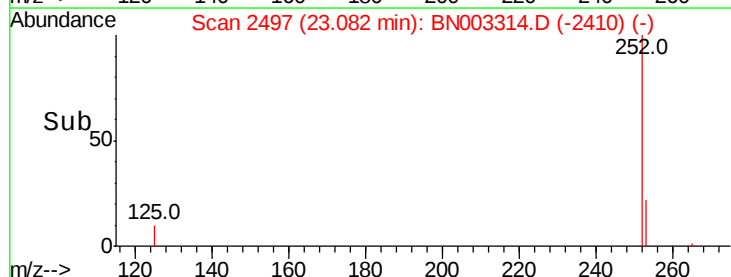
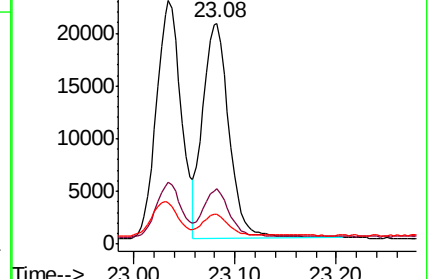
125 13.5 9.1 13.7

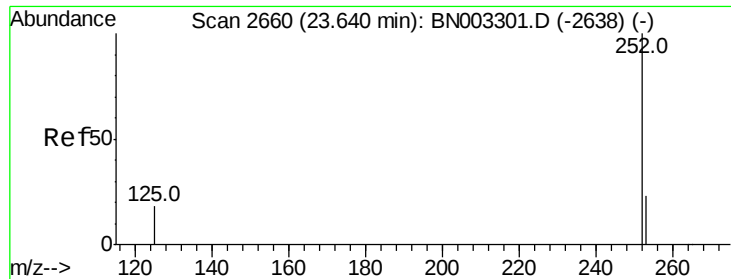


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.169 ng

RT: 23.64 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

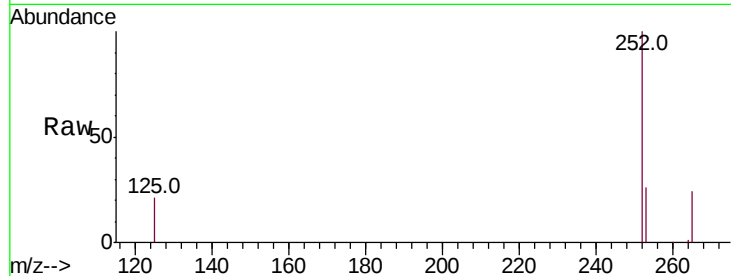
Tot Ion:252 Resp: 34056

Ion Ratio Lower Upper

252 100

253 26.3 20.1 30.1

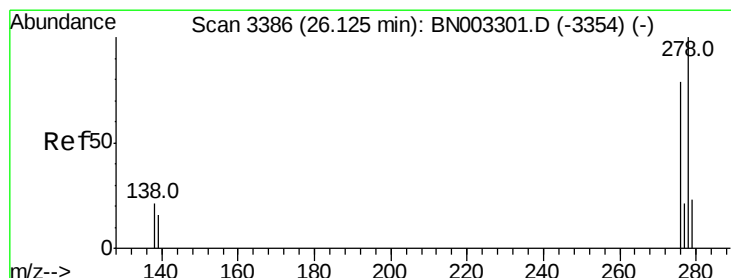
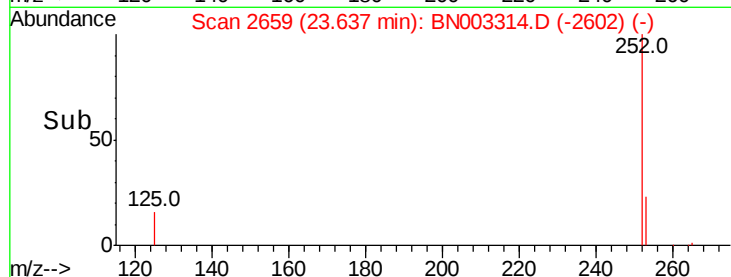
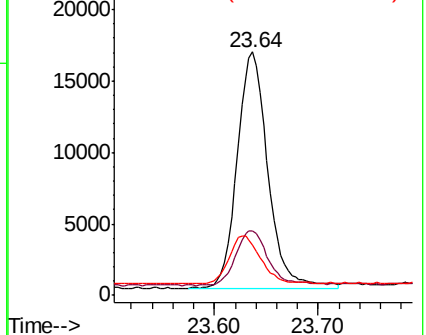
125 20.8 16.0 24.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.165 ng

RT: 26.12 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

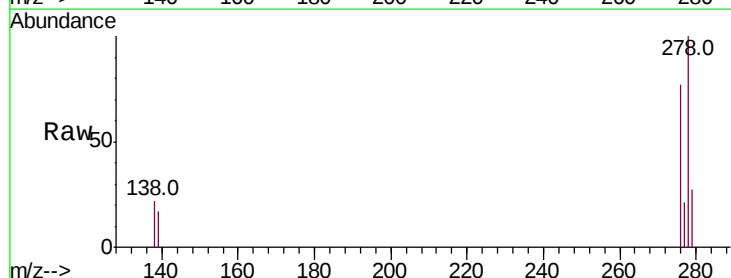
Tgt Ion:278 Resp: 30850

Ion Ratio Lower Upper

278 100

139 17.3 13.5 20.3

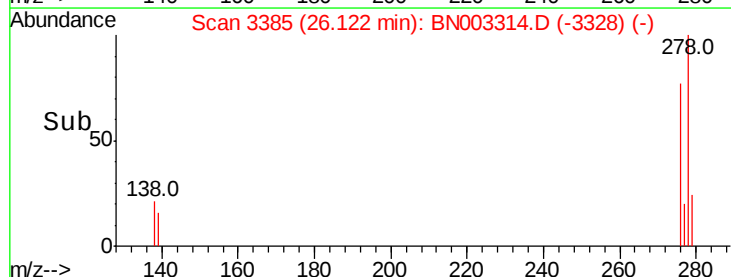
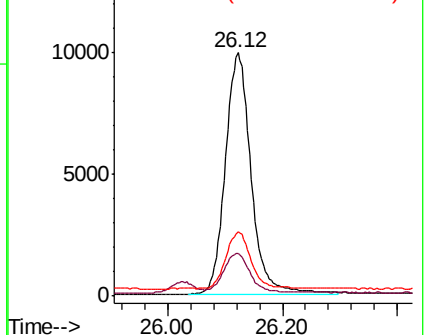
279 26.6 19.8 29.6

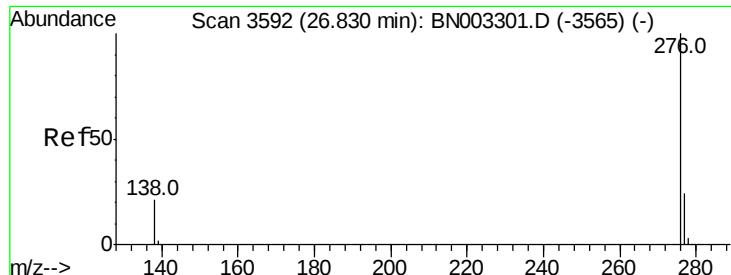


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.169 ng

RT: 26.82 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BN003314.D

Acq: 26 Oct 2018 20:38

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

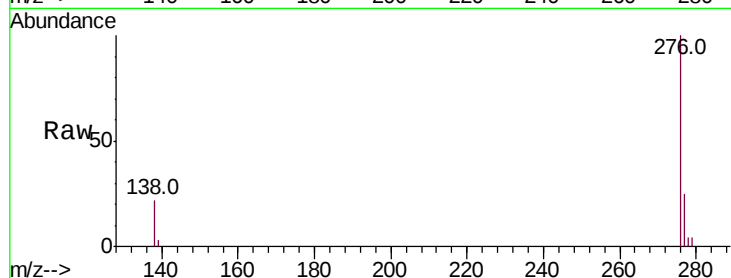
Tot Ion:276 Resp: 31720

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 22.2 17.4 26.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

