

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008906.D
 Acq On : 10 Dec 2019 15:02
 Operator : JU
 Sample : K5111-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Quant Time: Dec 10 15:37:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2481	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	10228	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	7534	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	18065	0.40	ng	0.00
27) Chrysene-d12	21.13	240	17814	0.40	ng	0.00
34) Perylene-d12	23.28	264	17915	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	2425	0.38	ng	0.00
5) Phenol-d6	6.75	99	3298	0.38	ng	0.00
8) Nitrobenzene-d5	8.69	82	3033	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	6546	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1199	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	10412	0.36	ng	0.00
25) Fluoranthene-d10	18.97	212	19535	0.36	ng	0.00
29) Terphenyl-d14	19.58	244	15975	0.39	ng	0.00

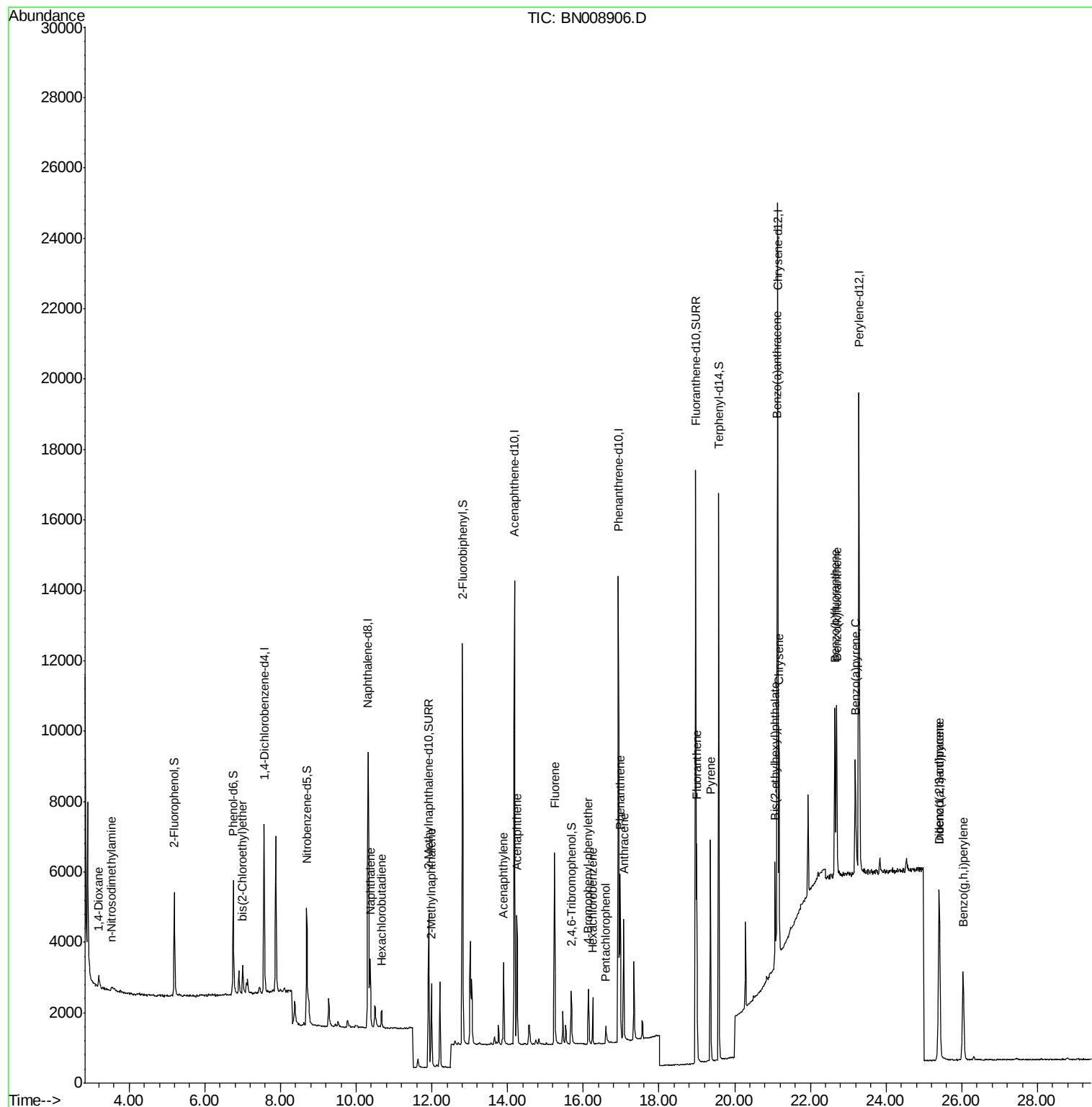
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	214	0.092	ng	92
3) n-Nitrosodimethylamine	3.55	42	118	0.037	ng	# 73
6) bis(2-Chloroethyl)ether	7.00	93	624	0.076	ng	89
9) Naphthalene	10.37	128	2484	0.089	ng	95
10) Hexachlorobutadiene	10.67	225	440	0.082	ng	# 99
12) 2-Methylnaphthalene	11.99	142	1857	0.089	ng	96
16) Acenaphthylene	13.90	152	2796	0.081	ng	99
17) Acenaphthene	14.24	154	1954	0.085	ng	99
18) Fluorene	15.25	166	2671	0.087	ng	99
20) 4-Bromophenyl-phenylether	16.13	248	890	0.082	ng	# 81
21) Hexachlorobenzene	16.25	284	985	0.080	ng	95
22) Pentachlorophenol	16.60	266	379	0.085	ng	89
23) Phenanthrene	16.97	178	4733	0.083	ng	99
24) Anthracene	17.07	178	3985	0.080	ng	99
26) Fluoranthene	19.00	202	5581	0.082	ng	98
28) Pyrene	19.36	202	5628	0.090	ng	99
30) Benzo(a)anthracene	21.12	228	5325	0.084	ng	97
31) Chrysene	21.17	228	5775	0.088	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	2197	0.074	ng	99
33) Indeno(1,2,3-cd)pyrene	25.40	276	5556	0.080	ng	98
35) Benzo(b)fluoranthene	22.65	252	5724	0.089	ng	# 77
36) Benzo(k)fluoranthene	22.69	252	5590	0.087	ng	# 72
37) Benzo(a)pyrene	23.19	252	4750	0.082	ng	# 66
38) Dibenzo(a,h)anthracene	25.41	278	4622	0.086	ng	# 83
39) Benzo(g,h,i)perylene	26.04	276	4894	0.092	ng	91

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

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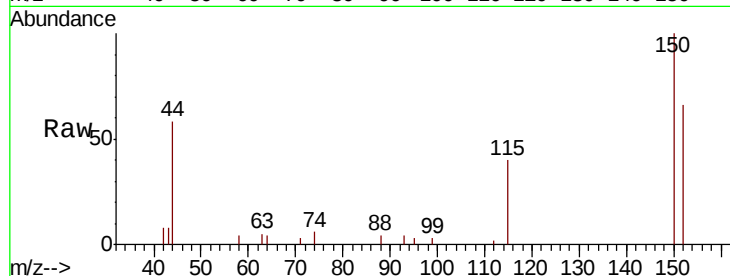


#1

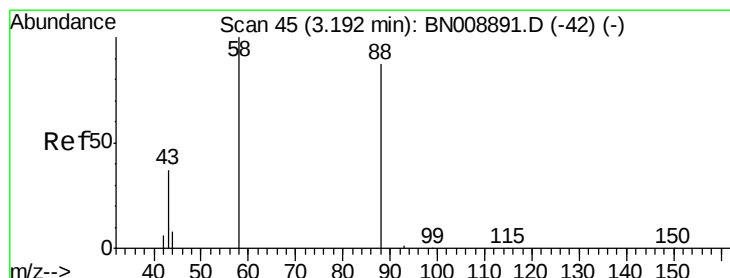
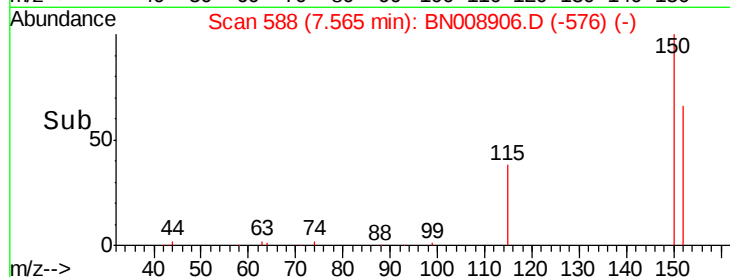
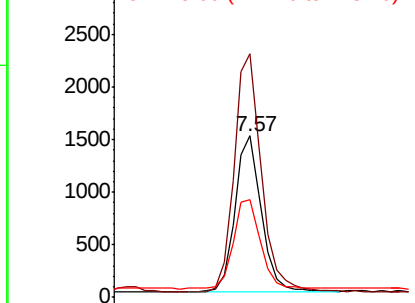
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008906.D
Acq: 10 Dec 2019 15:02

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:152 Resp: 2481
Ion Ratio Lower Upper
152 100
150 151.1 122.3 183.5
115 60.6 48.4 72.6



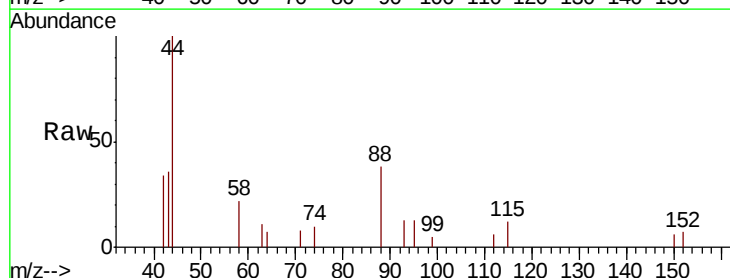
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



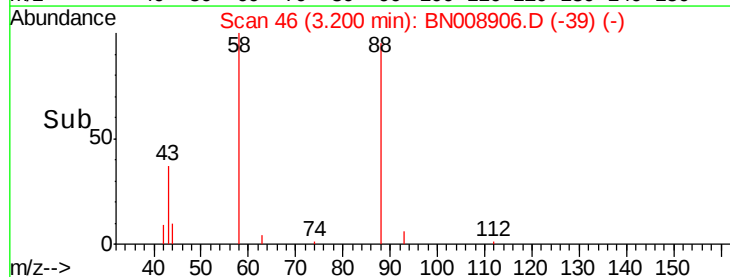
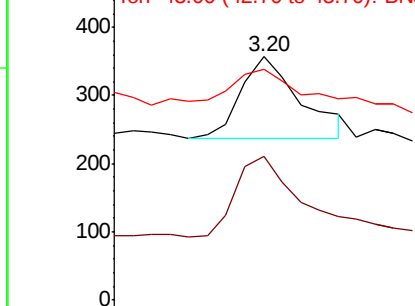
#2

1,4-Dioxane
Concen: 0.092 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.01 min
Lab File: BN008906.D
Acq: 10 Dec 2019 15:02

Tgt Ion: 88 Resp: 214
Ion Ratio Lower Upper
88 100
58 101.9 88.6 132.8
43 36.4 31.8 47.8



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: 0.037 ng

RT: 3.55 min Scan# 89

Delta R.T. 0.03 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

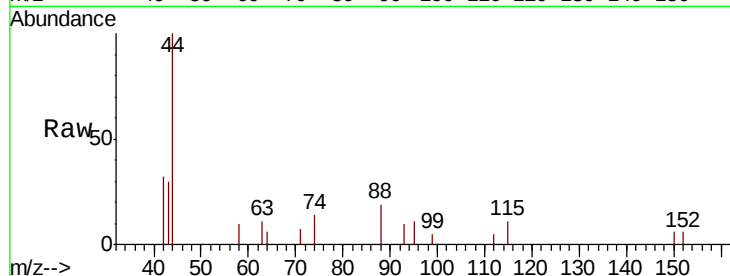
Tot Ion: 42 Resp: 118

Ion Ratio Lower Upper

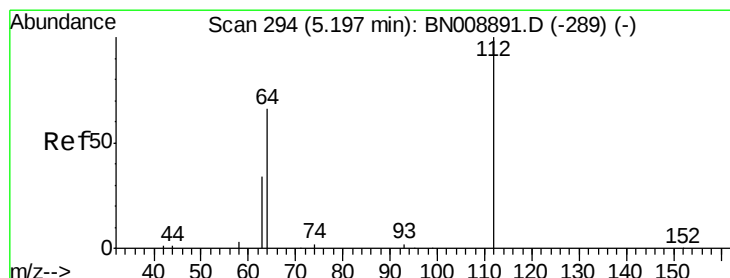
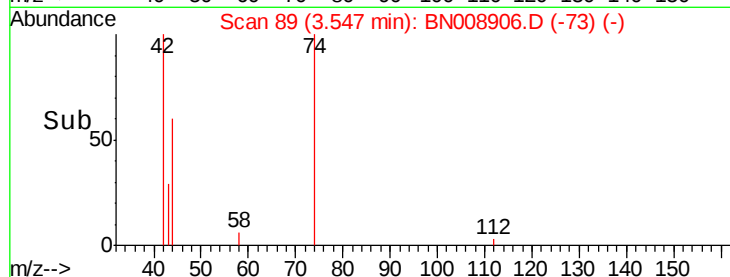
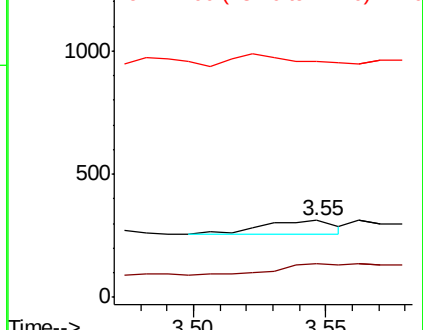
42 100

74 71.2 78.6 117.8#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.385 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

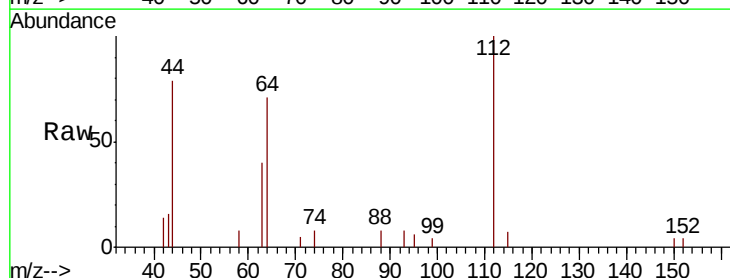
Tgt Ion: 112 Resp: 2425

Ion Ratio Lower Upper

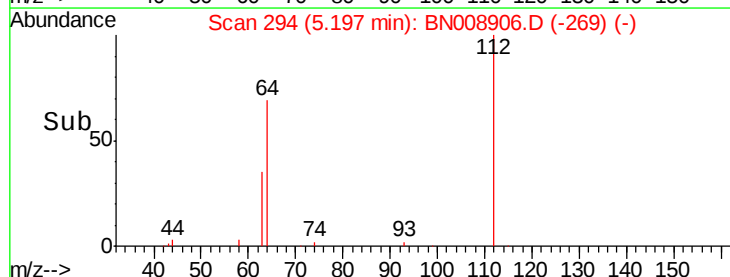
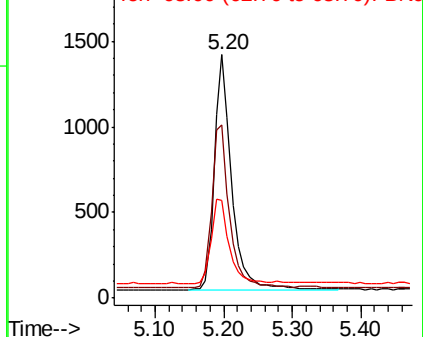
112 100

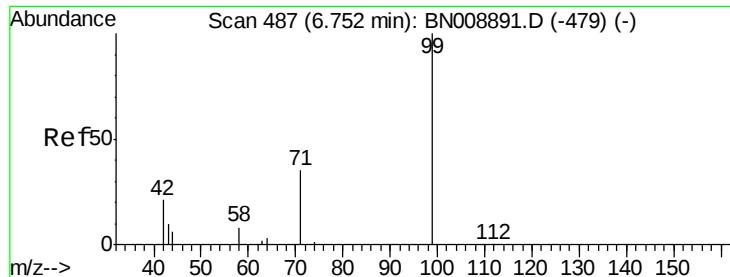
64 71.9 57.7 86.5

63 39.0 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.378 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

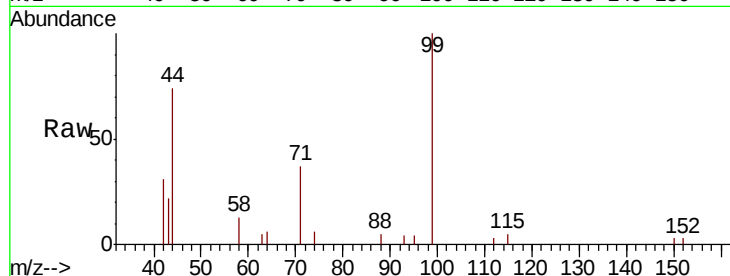
Tot Ion: 99 Resp: 3298

Ion Ratio Lower Upper

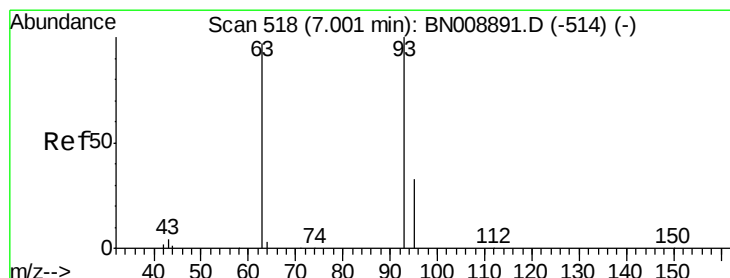
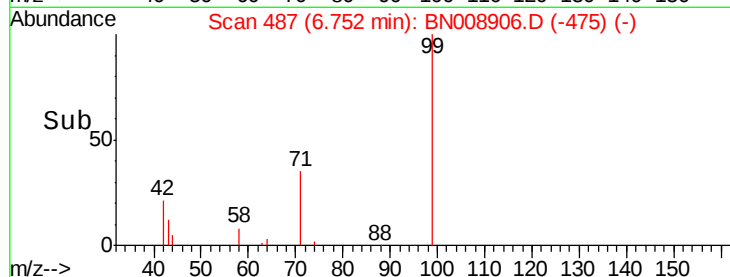
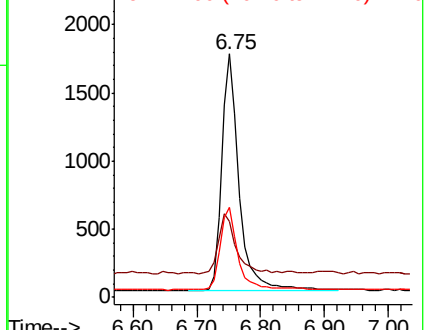
99 100

42 25.5 20.1 30.1

71 35.7 28.2 42.2



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: 0.076 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

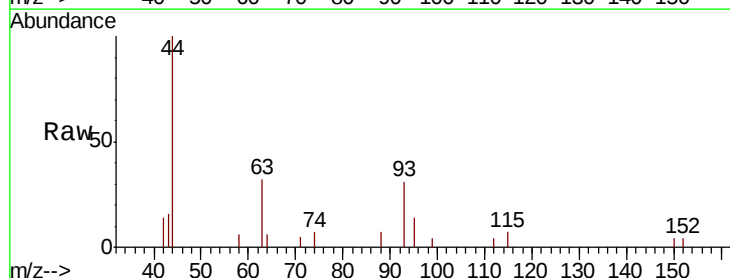
Tgt Ion: 93 Resp: 624

Ion Ratio Lower Upper

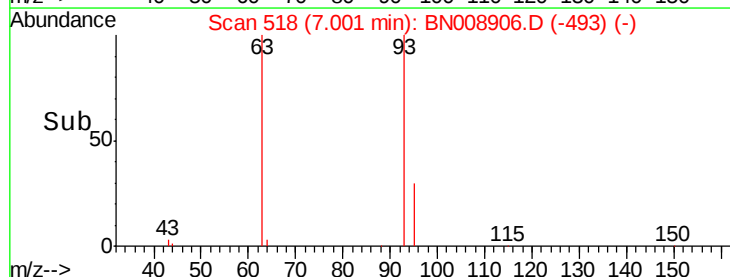
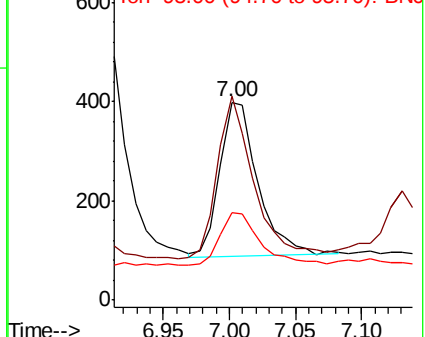
93 100

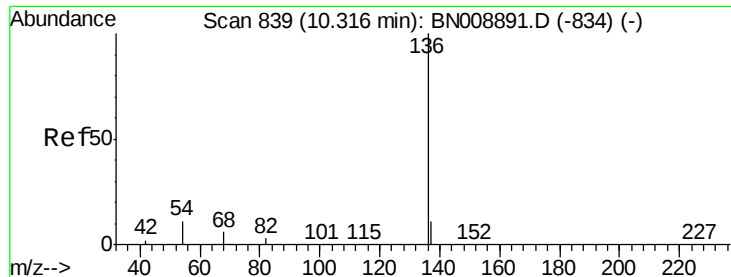
63 102.6 73.5 110.3

95 37.3 26.0 39.0



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: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion:136 Resp: 10228

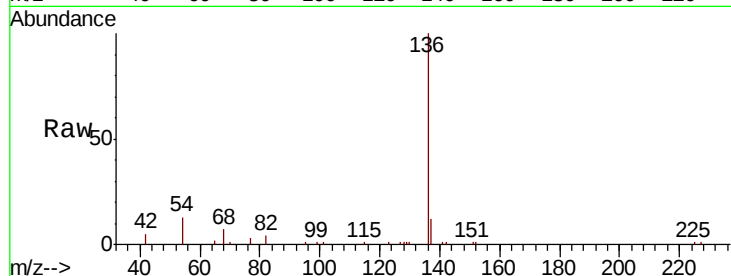
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 12.8 9.6 14.4

68 7.4 5.6 8.4

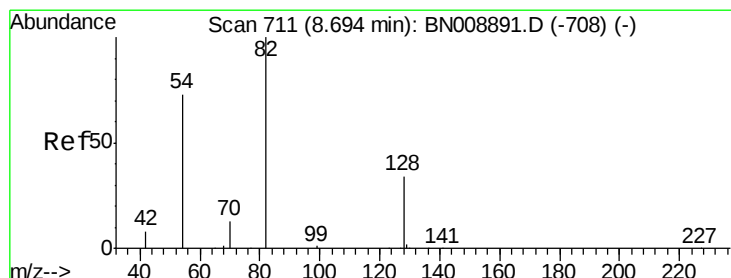
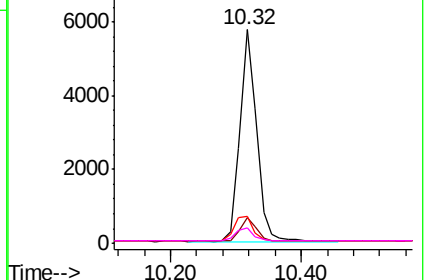
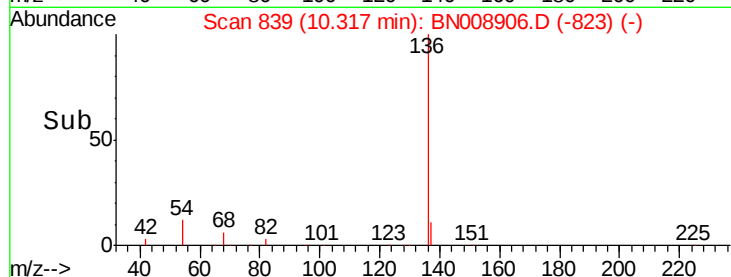


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

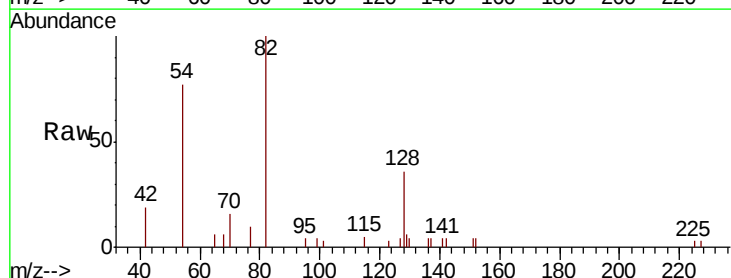
Tgt Ion: 82 Resp: 3033

Ion Ratio Lower Upper

82 100

128 35.9 29.1 43.7

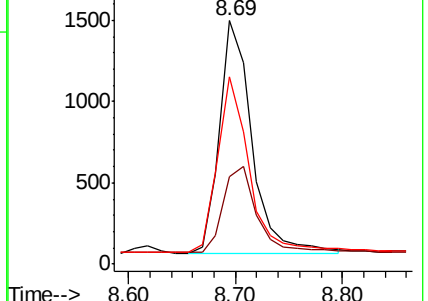
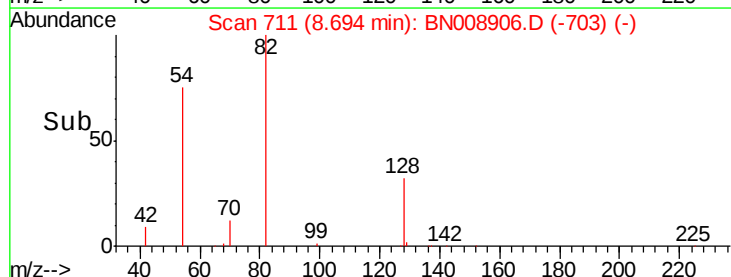
54 76.8 59.7 89.5

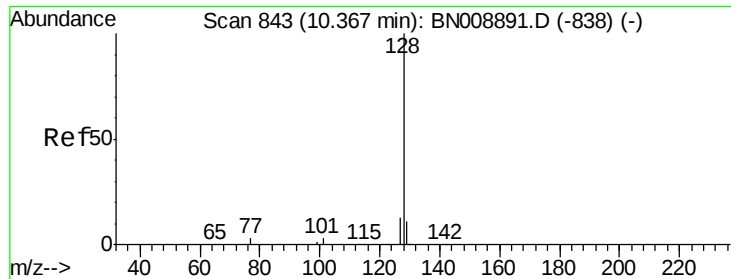


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.089 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

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ClientSampleId :

LOQ-WATER-02-QT4-2019

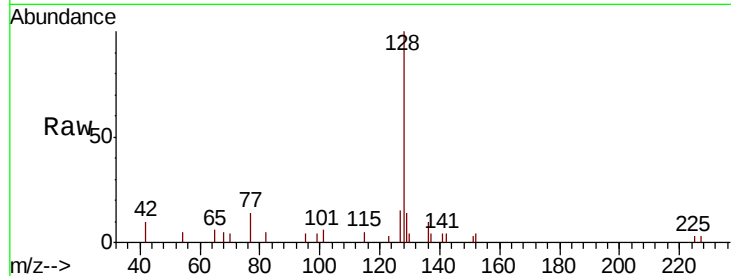
Tot Ion:128 Resp: 2484

Ion Ratio Lower Upper

128 100

129 13.9 9.4 14.0

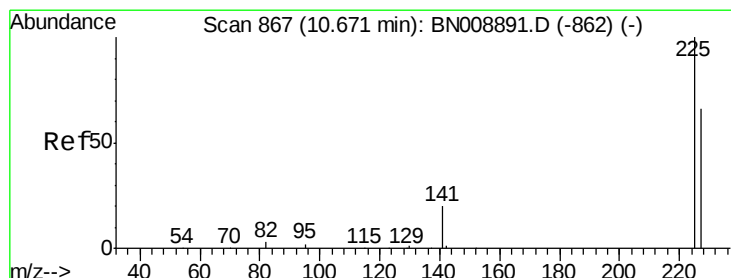
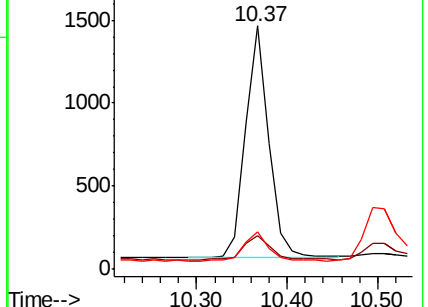
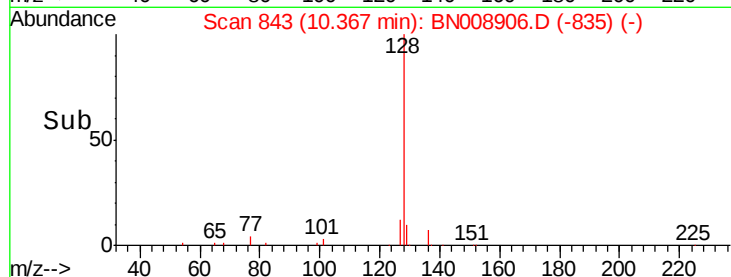
127 15.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.082 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

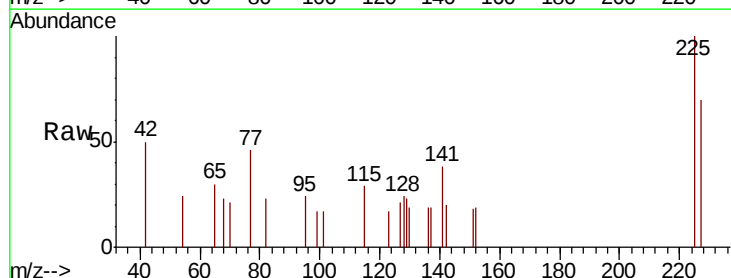
Tgt Ion:225 Resp: 440

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

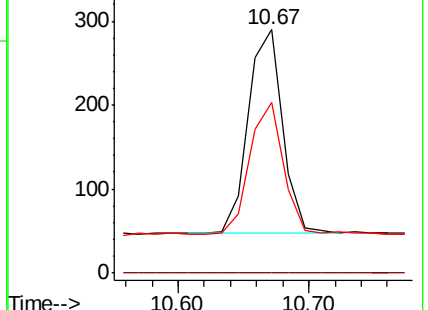
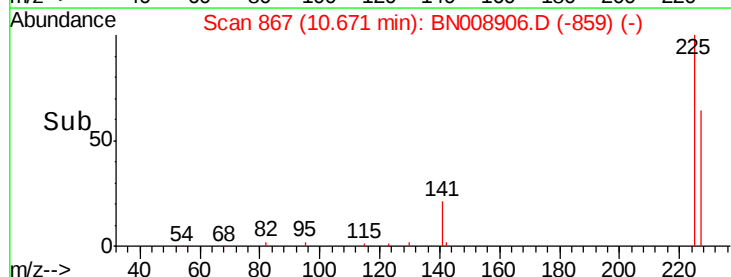
227 63.4 51.4 77.2

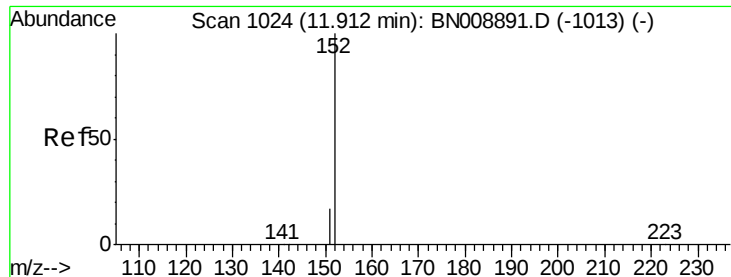


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 11.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

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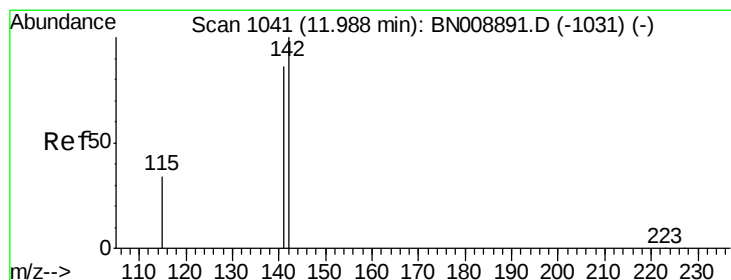
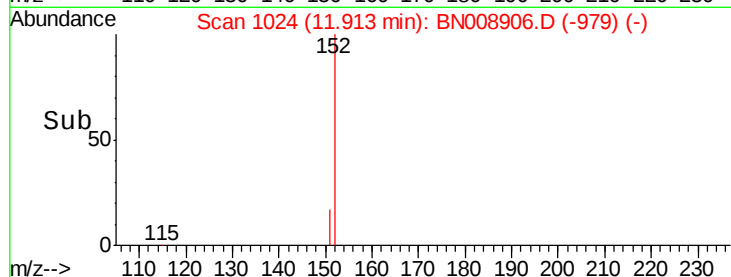
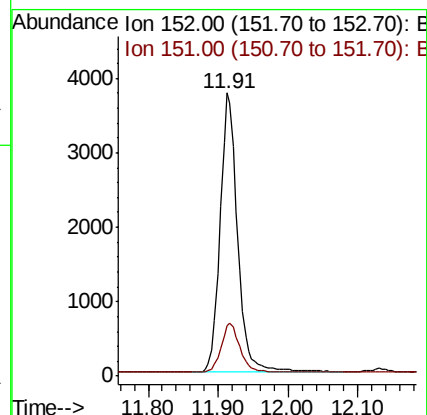
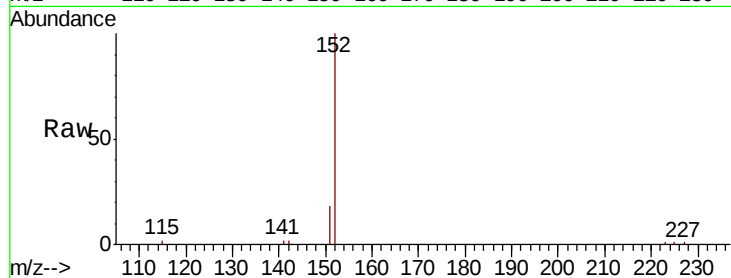
LOQ-WATER-02-QT4-2019

Tot Ion:152 Resp: 6546

Ion Ratio Lower Upper

152 100

151 18.9 15.2 22.8



#12

2-Methylnaphthalene

Concen: 0.089 ng

RT: 11.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

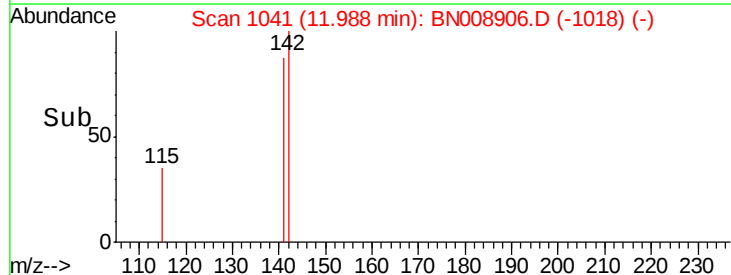
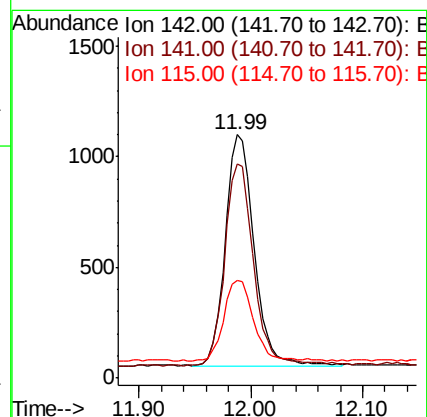
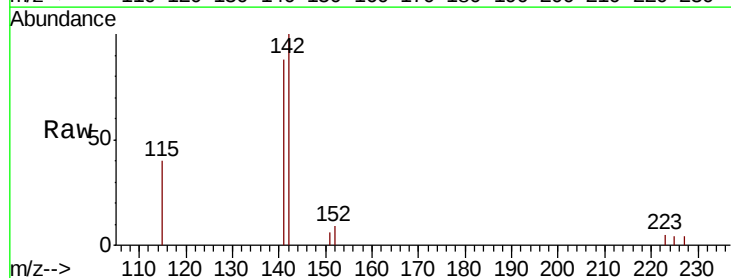
Tgt Ion:142 Resp: 1857

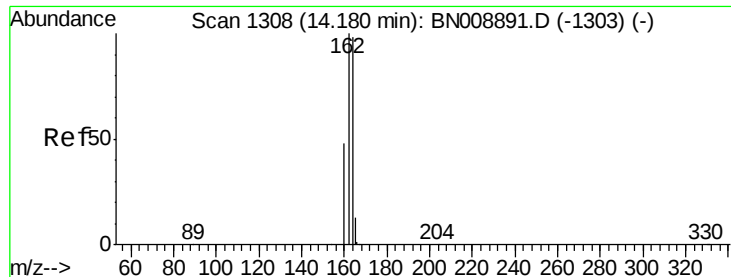
Ion Ratio Lower Upper

142 100

141 87.7 69.3 103.9

115 40.3 27.9 41.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

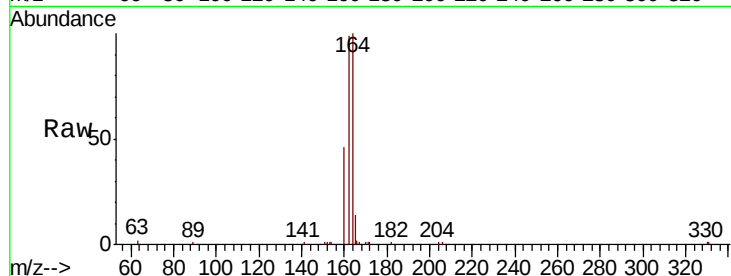
Tot Ion:164 Resp: 7534

Ion Ratio Lower Upper

164 100

162 99.2 81.9 122.9

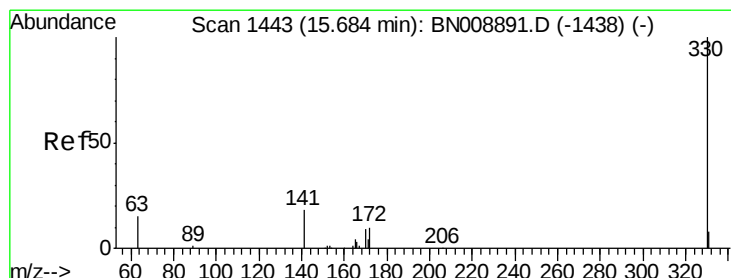
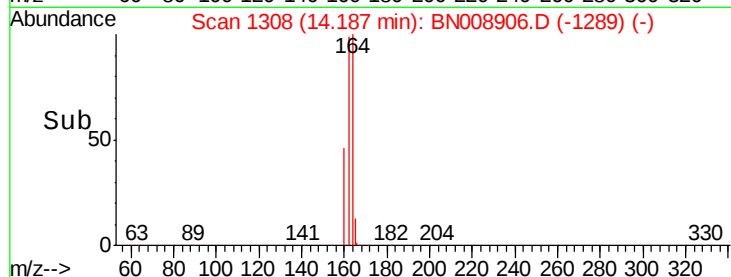
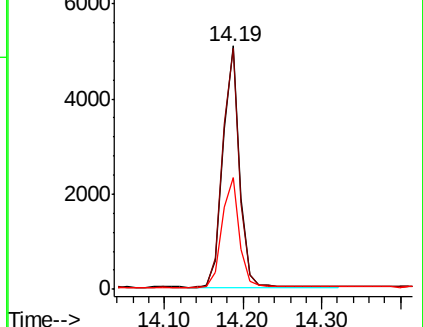
160 46.2 39.3 58.9



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: 0.332 ng

RT: 15.68 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

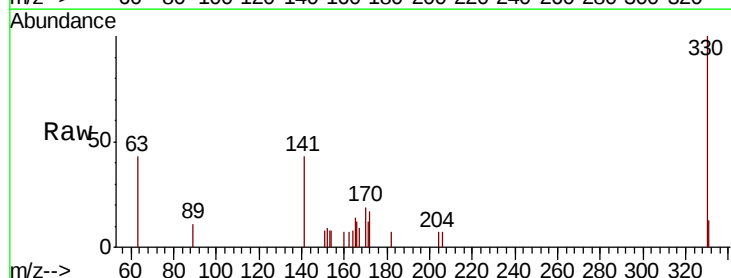
Tgt Ion:330 Resp: 1199

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

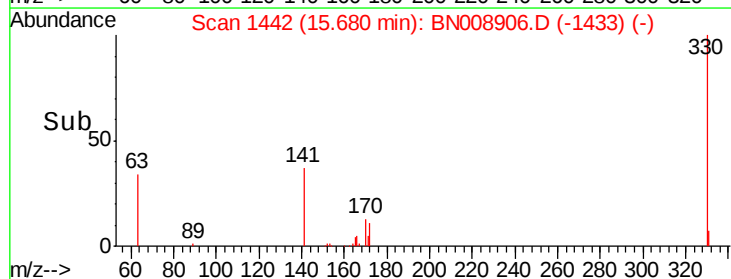
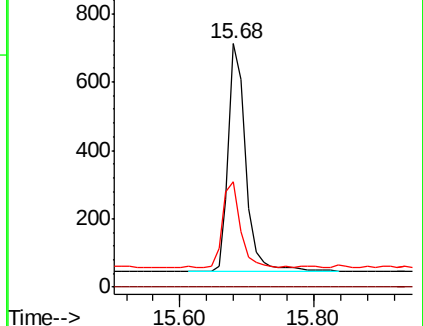
141 39.4 29.6 44.4



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

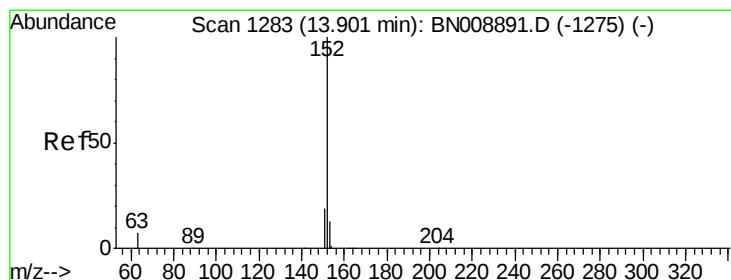
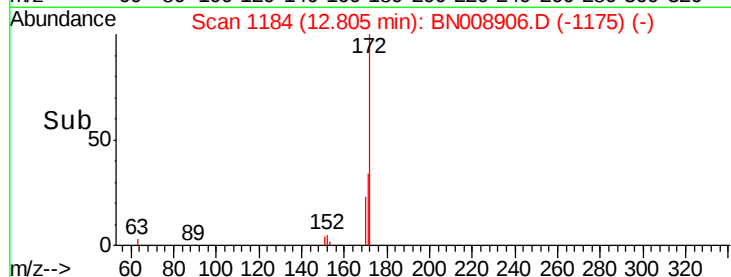
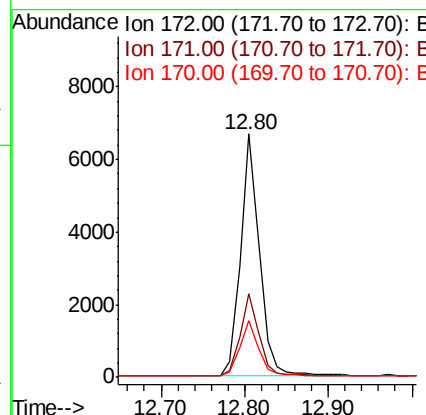
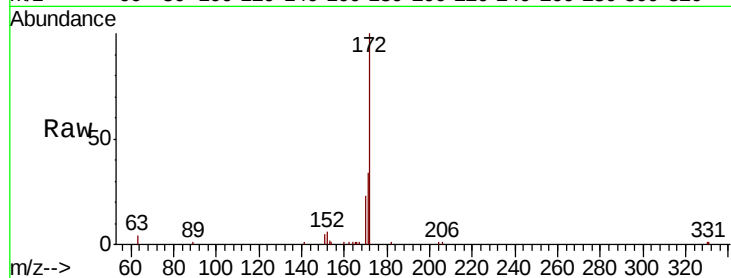




#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN008906.D
Acq: 10 Dec 2019 15:02

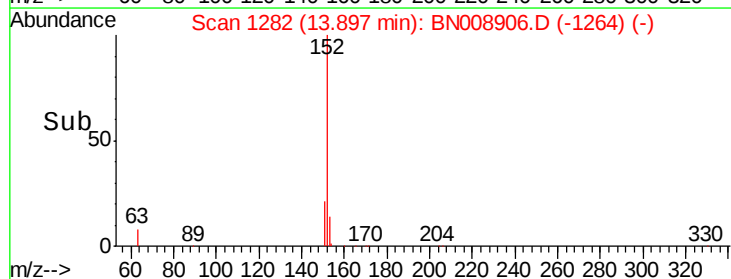
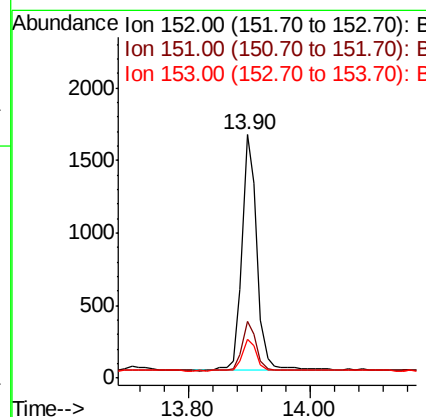
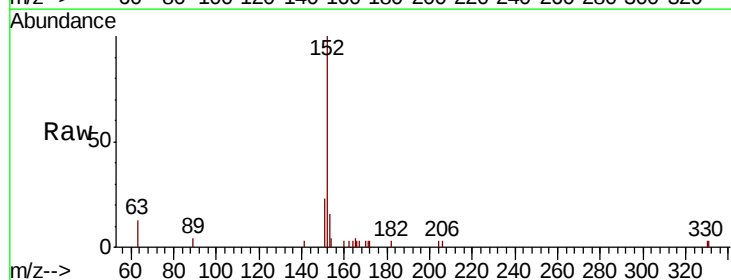
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2019

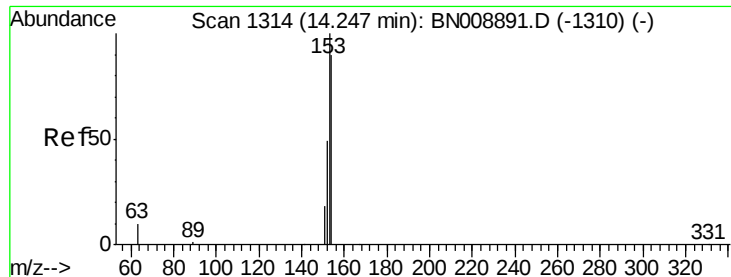
Tot Ion:172 Resp: 10412
Ion Ratio Lower Upper
172 100
171 34.3 27.1 40.7
170 23.3 17.7 26.5



#16
Acenaphthylene
Concen: 0.081 ng
RT: 13.90 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BN008906.D
Acq: 10 Dec 2019 15:02

Tgt Ion:152 Resp: 2796
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 13.6 10.3 15.5





#17

Acenaphthene

Concen: 0.085 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

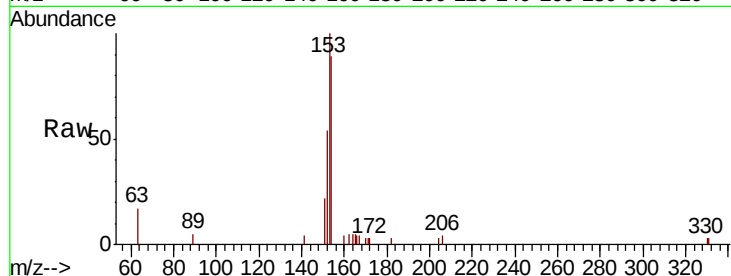
Tot Ion:154 Resp: 1954

Ion Ratio Lower Upper

154 100

153 112.8 89.2 133.8

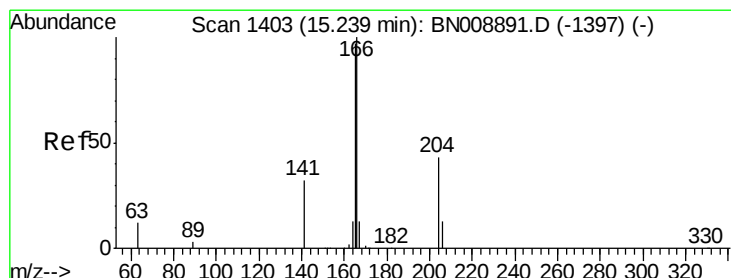
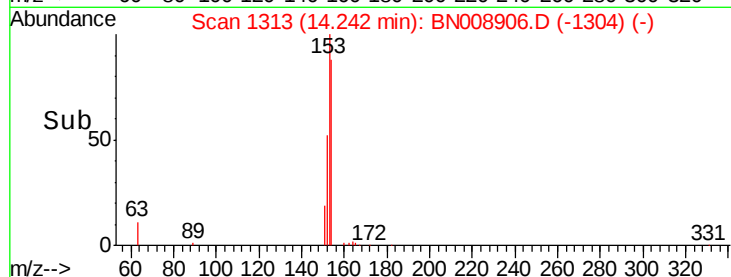
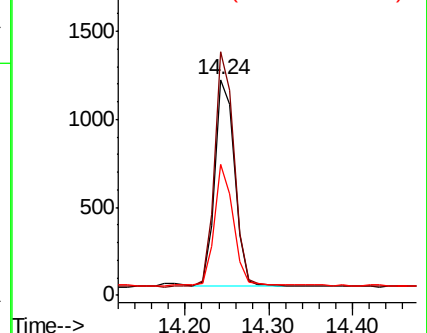
152 56.5 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.087 ng

RT: 15.25 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

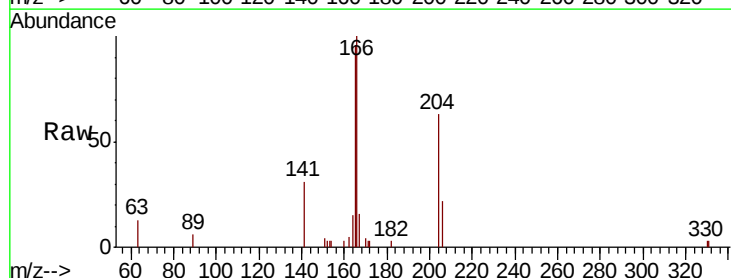
Tgt Ion:166 Resp: 2671

Ion Ratio Lower Upper

166 100

165 97.7 77.3 115.9

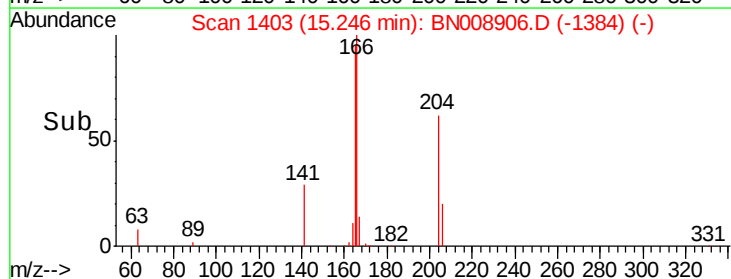
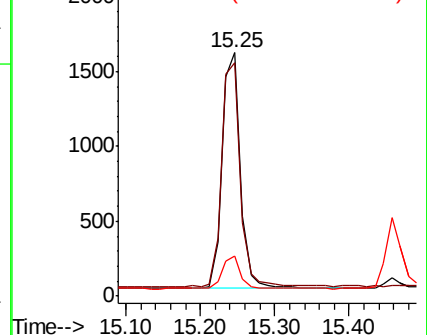
167 13.9 10.8 16.2

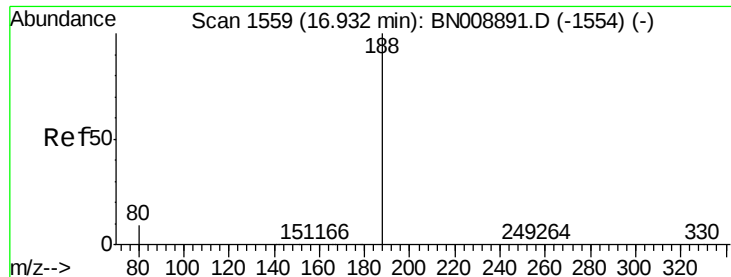


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

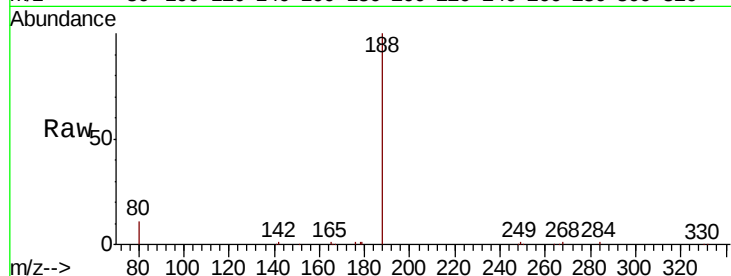
Tot Ion:188 Resp: 18065

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 7.3 10.9



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

15000

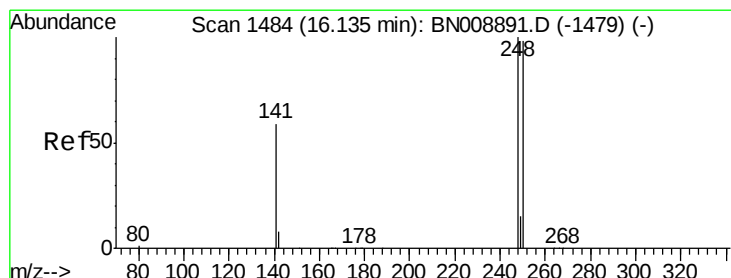
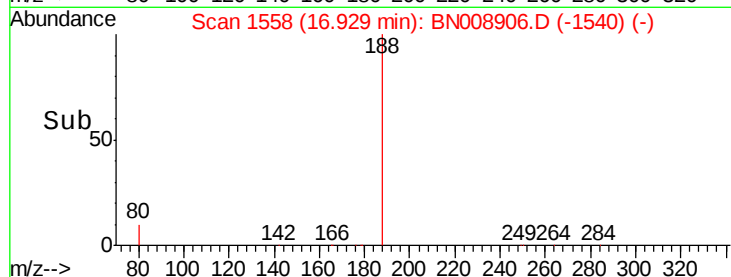
10000

5000

0

16.80 16.90 17.00

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.082 ng

RT: 16.13 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

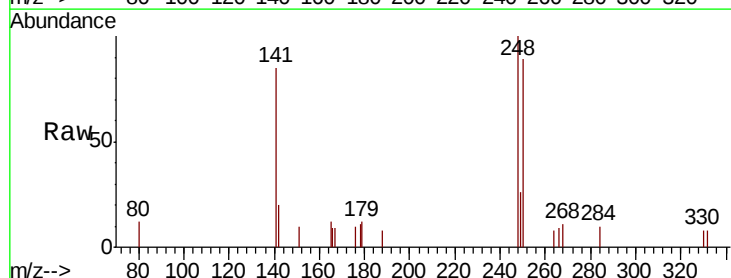
Tgt Ion:248 Resp: 890

Ion Ratio Lower Upper

248 100

250 89.2 78.7 118.1

141 85.3 47.9 71.9#



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

800

600

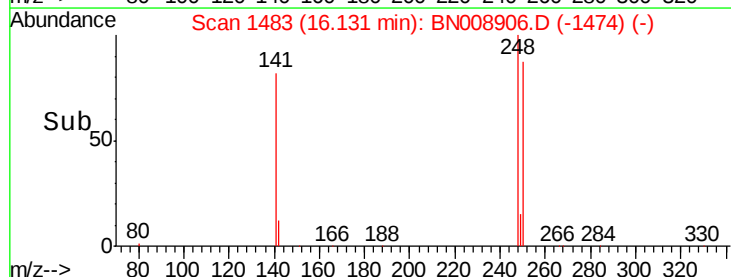
400

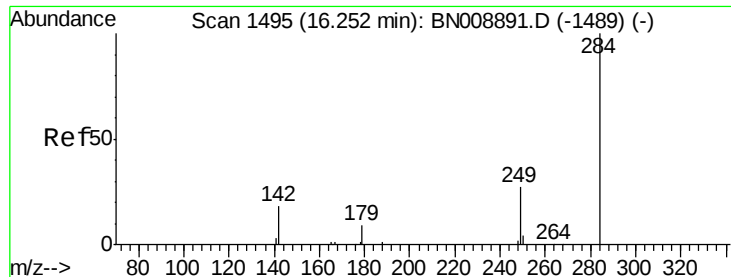
200

0

16.00 16.10 16.20

Time-->

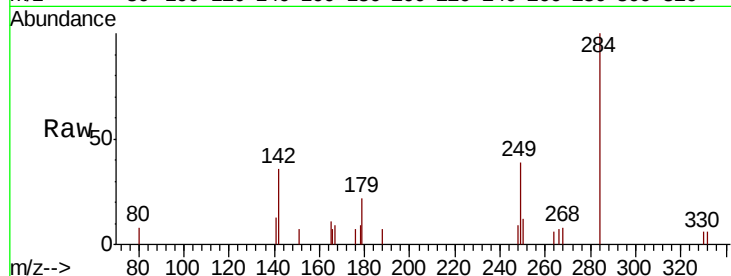




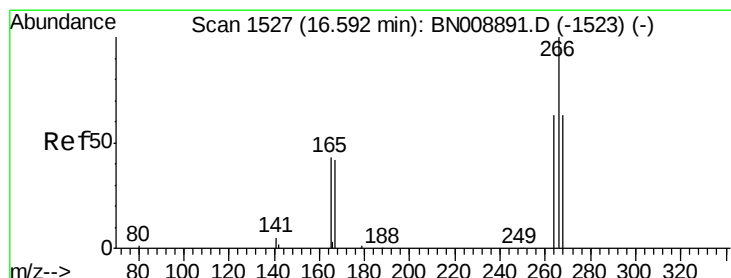
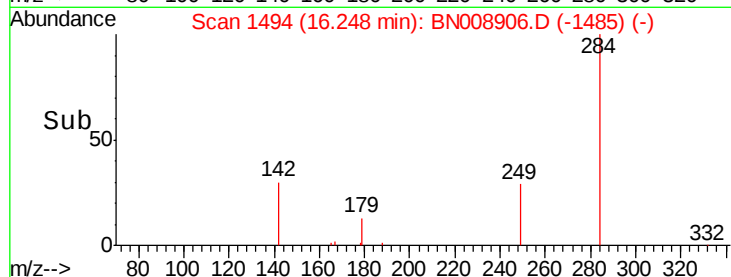
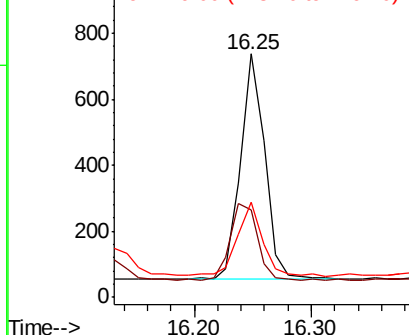
#21
Hexachlorobenzene
Concen: 0.080 ng
RT: 16.25 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BN008906.D
Acq: 10 Dec 2019 15:02

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:284 Resp: 985
Ion Ratio Lower Upper
284 100
142 38.4 27.8 41.6
249 33.2 25.3 37.9

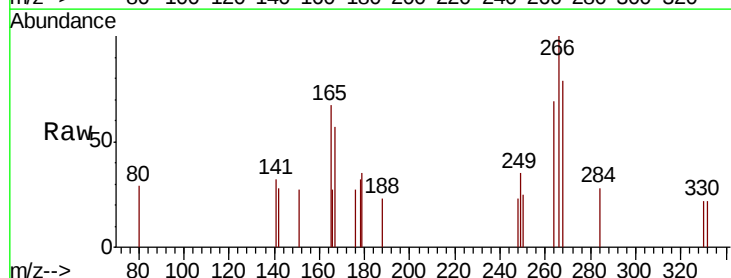


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

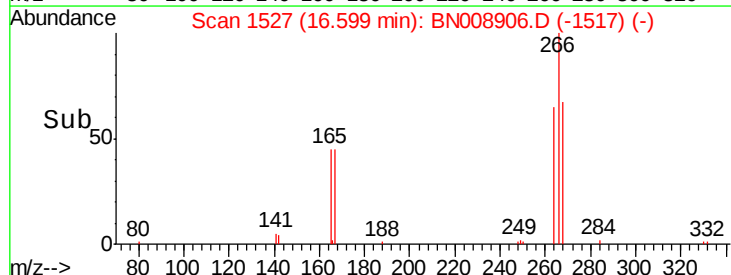
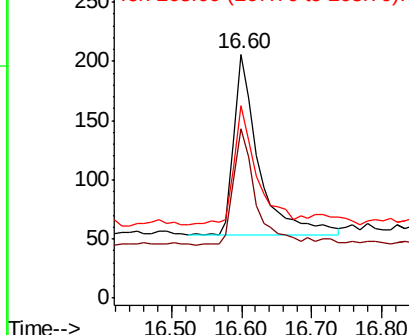


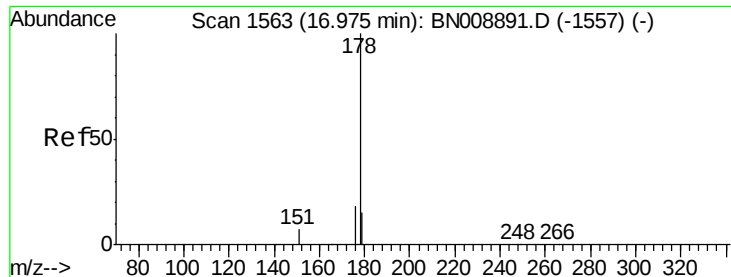
#22
Pentachlorophenol
Concen: 0.085 ng
RT: 16.60 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BN008906.D
Acq: 10 Dec 2019 15:02

Tgt Ion:266 Resp: 379
Ion Ratio Lower Upper
266 100
264 69.4 51.5 77.3
268 79.1 53.1 79.7



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: 0.083 ng

RT: 16.97 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

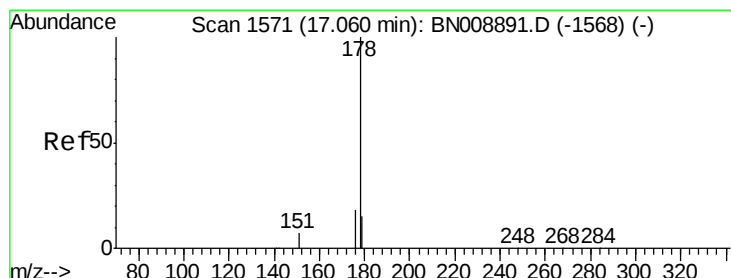
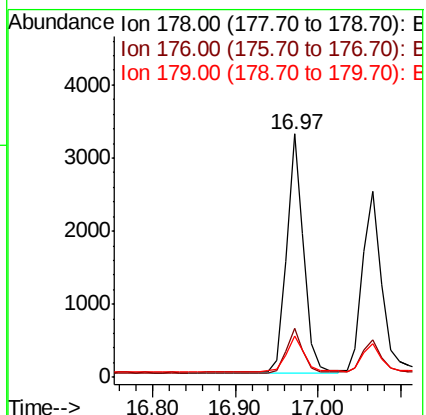
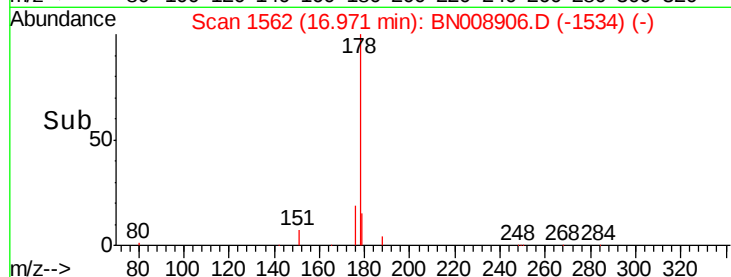
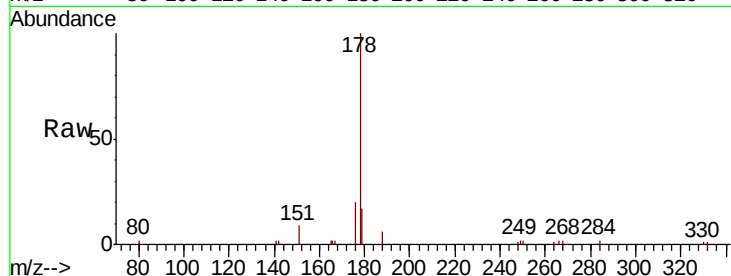
Tot Ion:178 Resp: 4733

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 16.2 12.3 18.5



#24

Anthracene

Concen: 0.080 ng

RT: 17.07 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

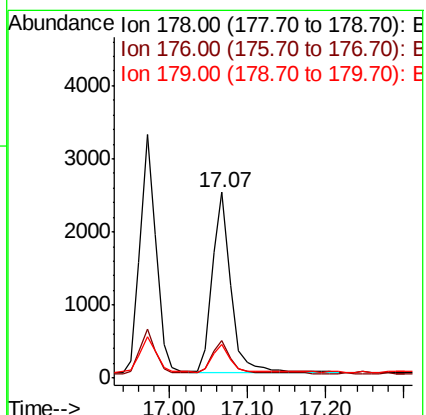
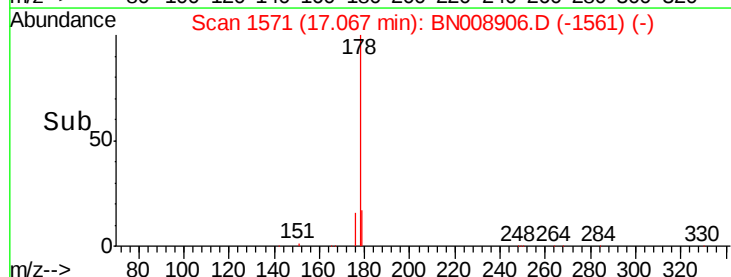
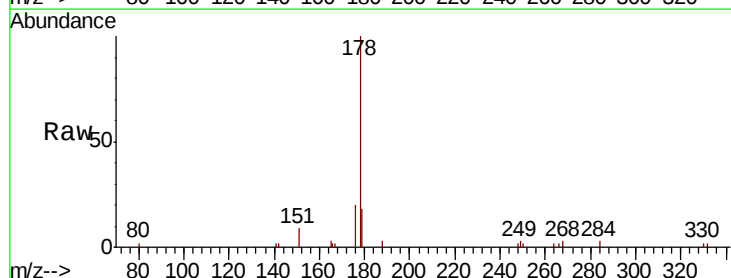
Tgt Ion:178 Resp: 3985

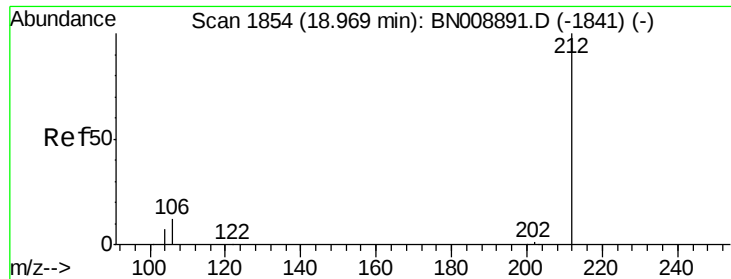
Ion Ratio Lower Upper

178 100

176 18.3 14.4 21.6

179 14.7 12.1 18.1





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 18.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

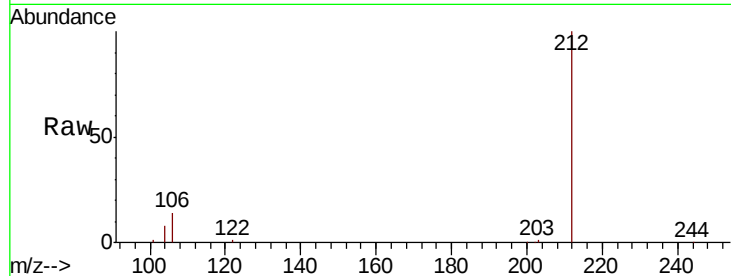
Tot Ion:212 Resp: 19535

Ion Ratio Lower Upper

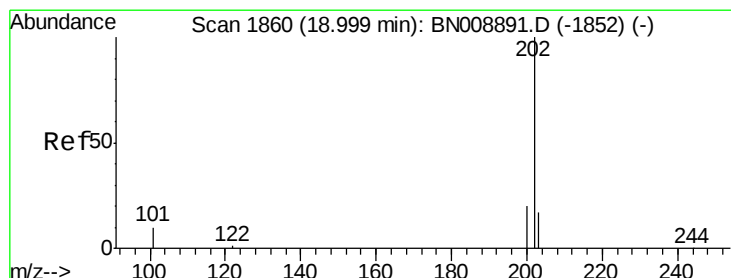
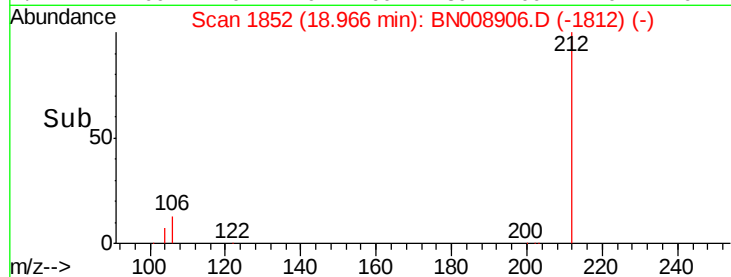
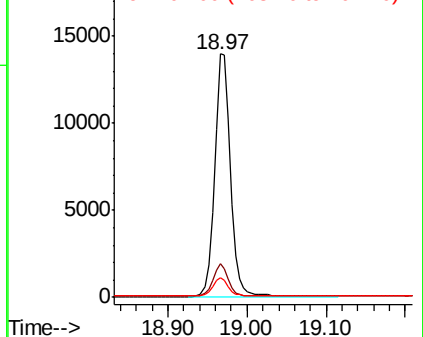
212 100

106 12.8 10.4 15.6

104 7.2 5.9 8.9



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: 0.082 ng

RT: 19.00 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

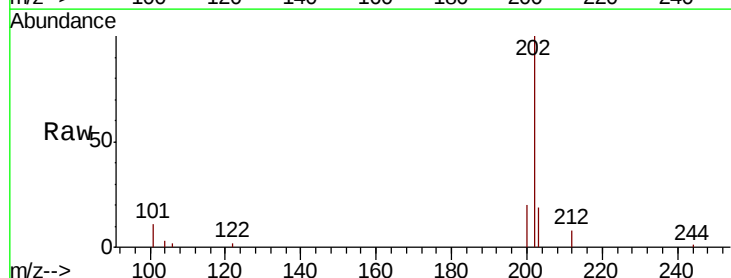
Tgt Ion:202 Resp: 5581

Ion Ratio Lower Upper

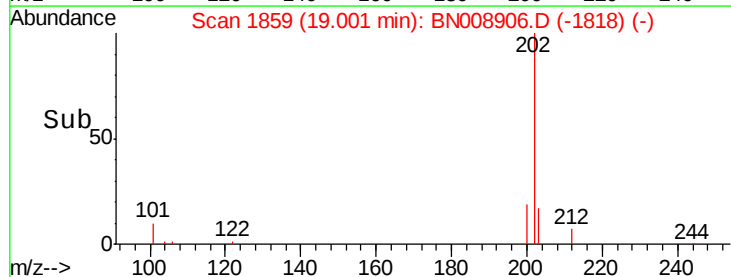
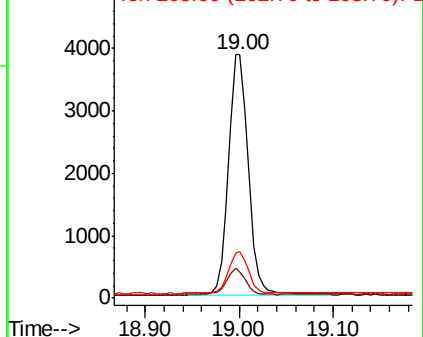
202 100

101 10.8 8.8 13.2

203 18.3 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

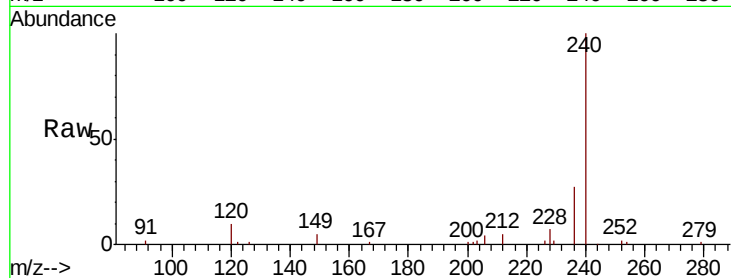




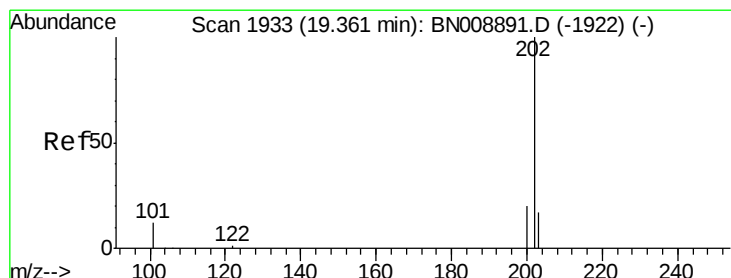
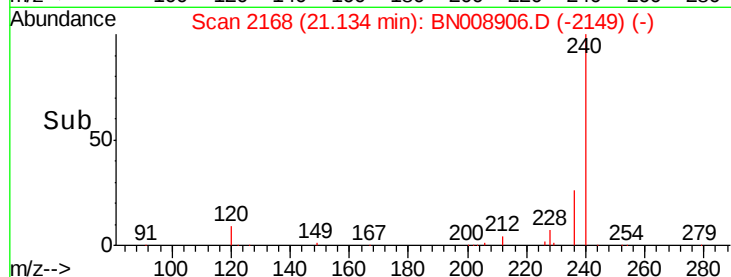
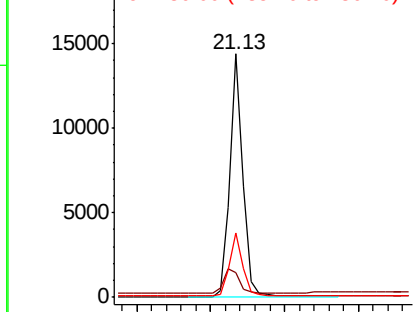
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN008906.D
Acq: 10 Dec 2019 15:02

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:240 Resp: 17814
Ion Ratio Lower Upper
240 100
120 10.3 9.1 13.7
236 26.6 21.5 32.3

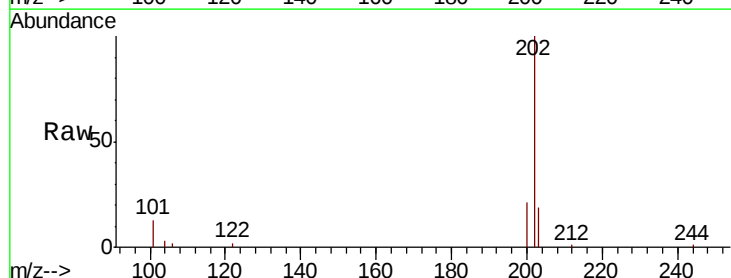


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

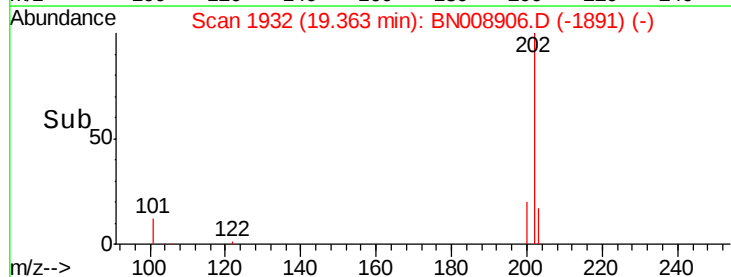
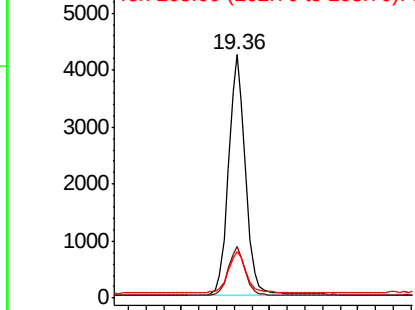


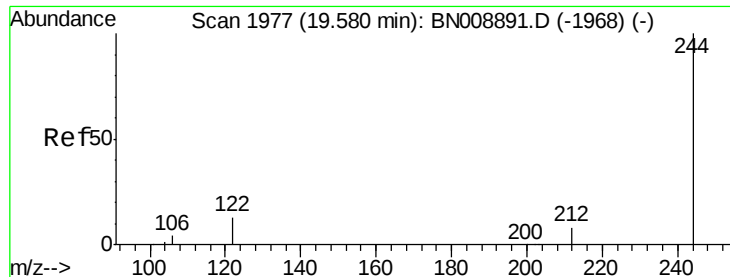
#28
Pyrene
Concen: 0.090 ng
RT: 19.36 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BN008906.D
Acq: 10 Dec 2019 15:02

Tgt Ion:202 Resp: 5628
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.9 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: 0.393 ng

RT: 19.58 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

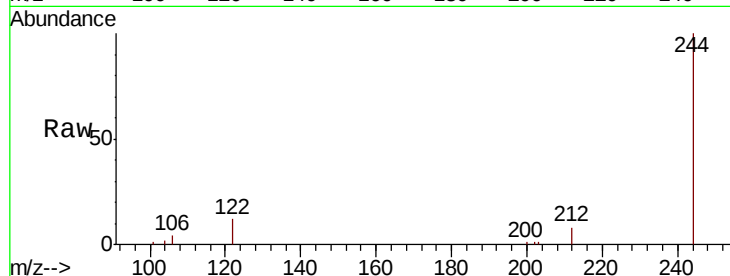
Tot Ion:244 Resp: 15975

Ion Ratio Lower Upper

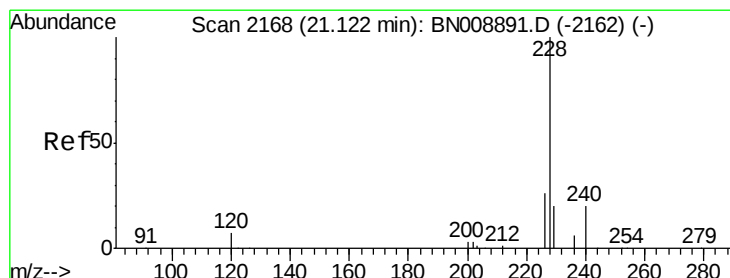
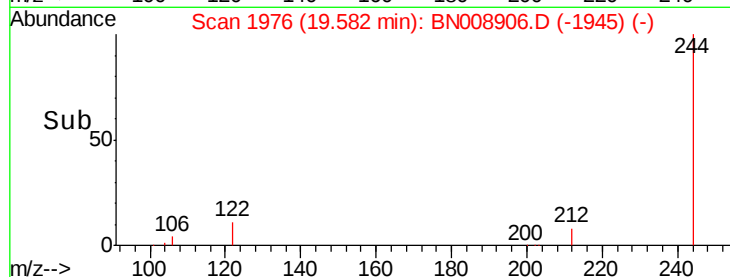
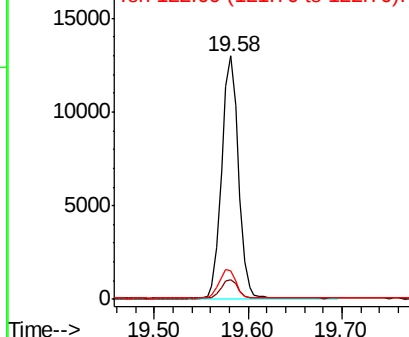
244 100

212 8.1 6.5 9.7

122 11.7 10.4 15.6



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



#30

Benzo(a)anthracene

Concen: 0.084 ng

RT: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

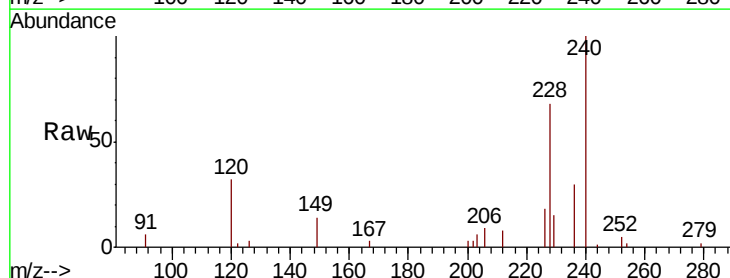
Tgt Ion:228 Resp: 5325

Ion Ratio Lower Upper

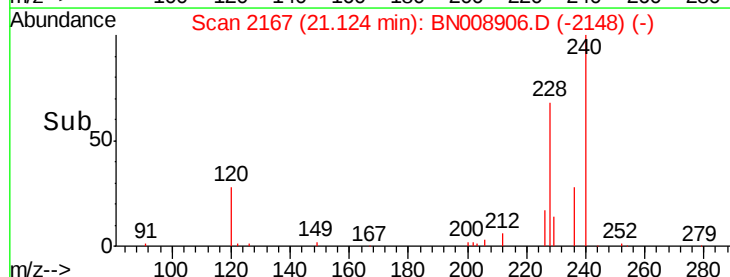
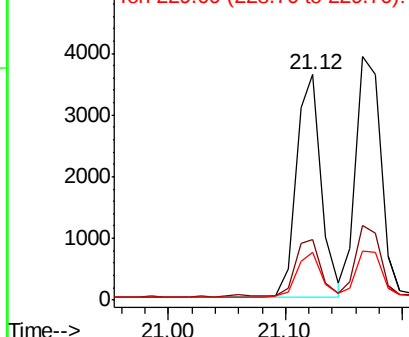
228 100

226 26.7 20.6 30.8

229 21.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

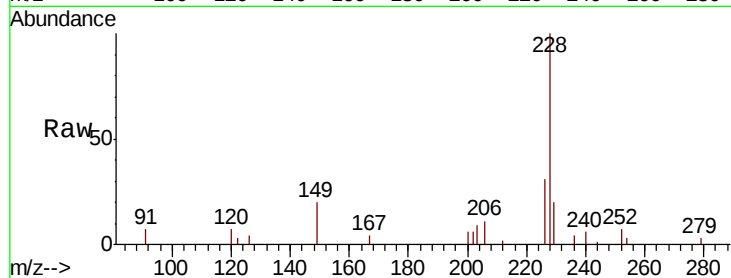




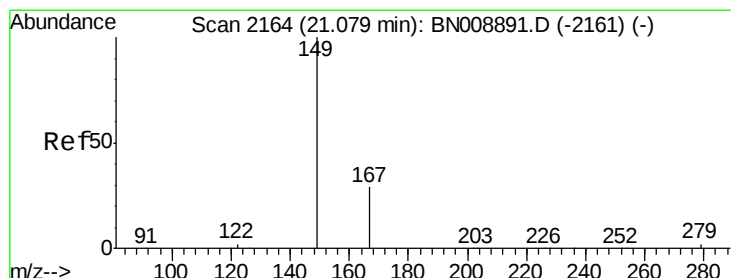
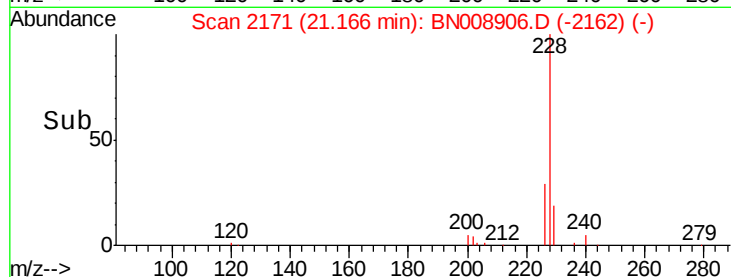
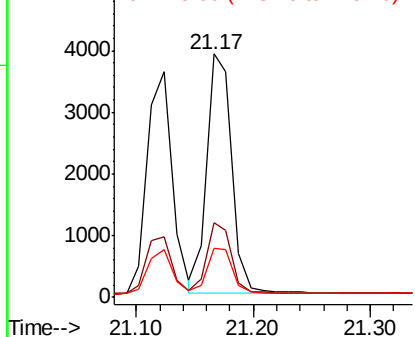
#31
Chrysene
Concen: 0.088 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN008906.D
Acq: 10 Dec 2019 15:02

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:228 Resp: 5775
Ion Ratio Lower Upper
228 100
226 30.7 22.2 33.4
229 20.0 15.9 23.9

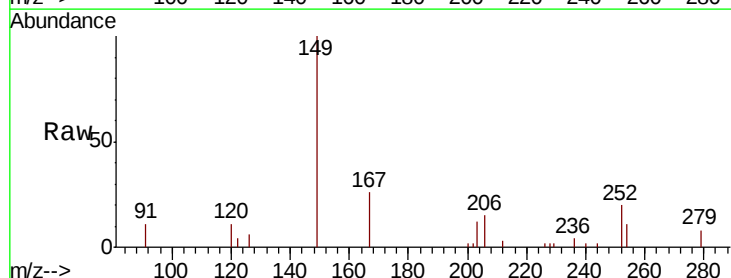


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

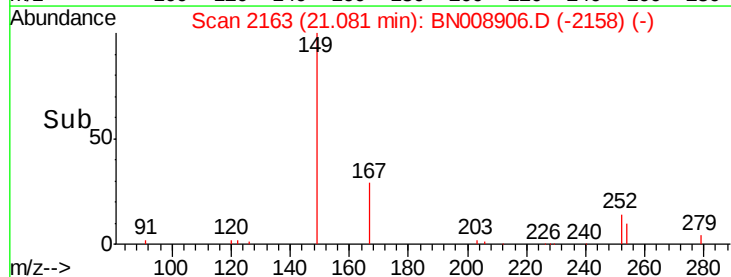
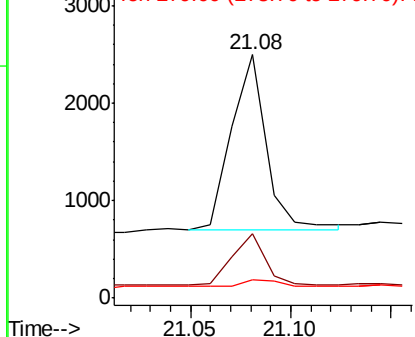


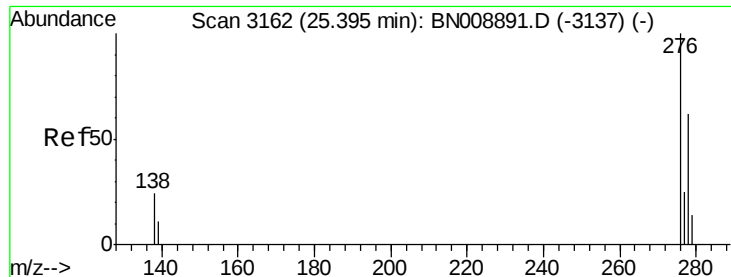
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.08 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN008906.D
Acq: 10 Dec 2019 15:02

Tgt Ion:149 Resp: 2197
Ion Ratio Lower Upper
149 100
167 27.7 22.7 34.1
279 4.5 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

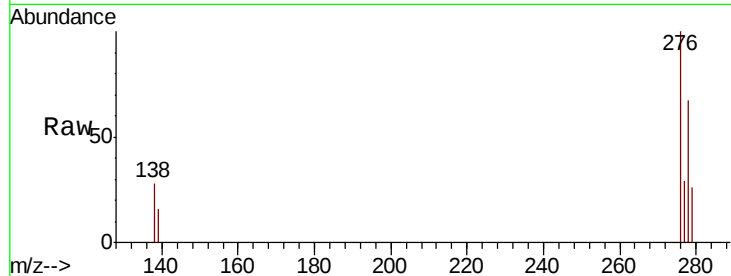




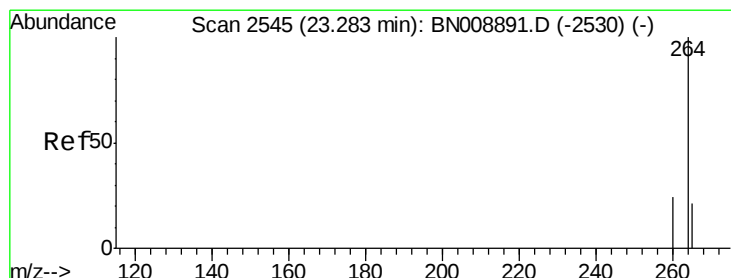
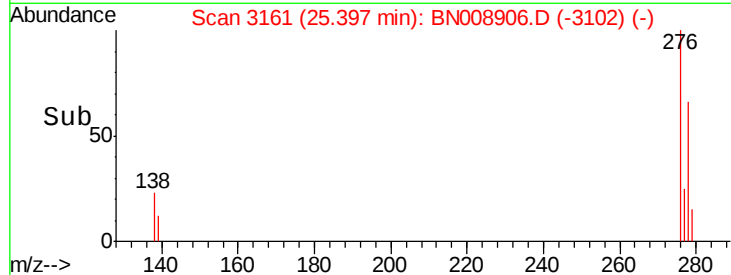
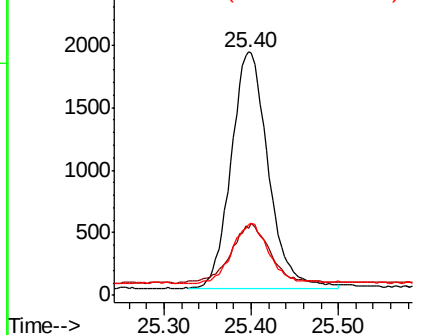
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.080 ng
 RT: 25.40 min Scan# 3161
 Delta R.T. 0.00 min
 Lab File: BN008906.D
 Acq: 10 Dec 2019 15:02

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion:276 Resp: 5556
 Ion Ratio Lower Upper
 276 100
 138 26.3 19.9 29.9
 277 25.5 19.8 29.8

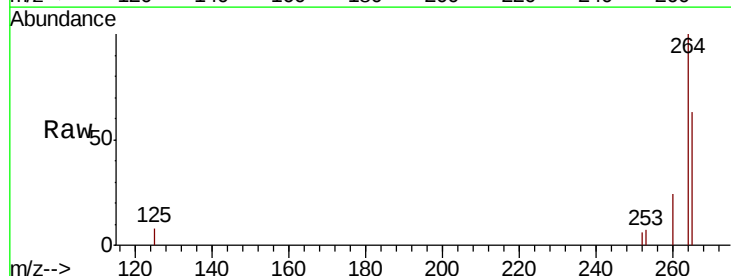


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

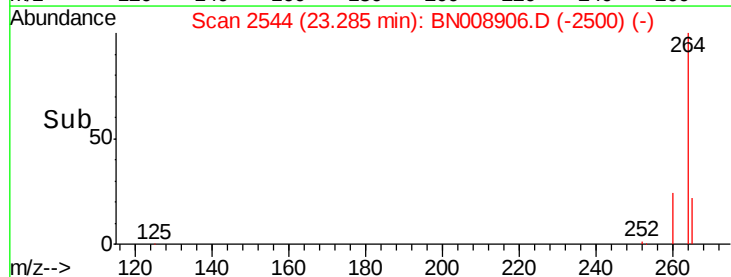
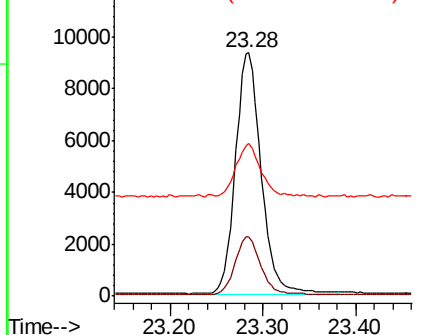


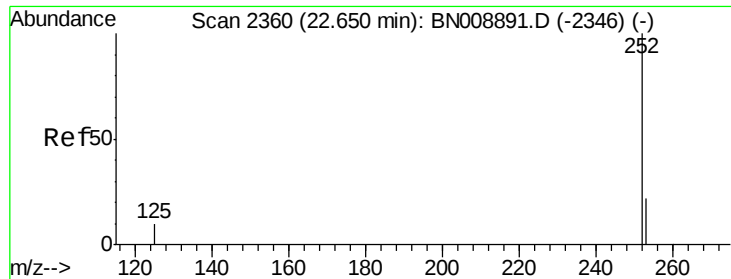
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: BN008906.D
 Acq: 10 Dec 2019 15:02

Tgt Ion:264 Resp: 17915
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 62.7 47.5 71.3



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: 0.089 ng

RT: 22.65 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

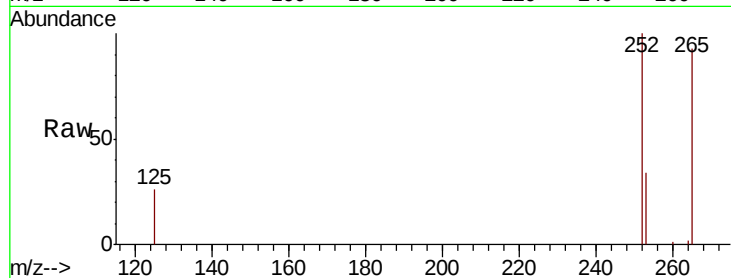
Tot Ion:252 Resp: 5724

Ion Ratio Lower Upper

252 100

253 33.9 19.8 29.6#

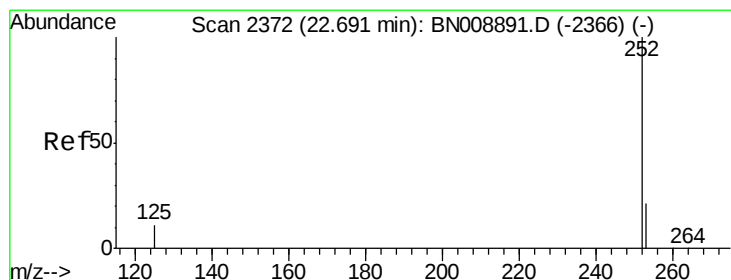
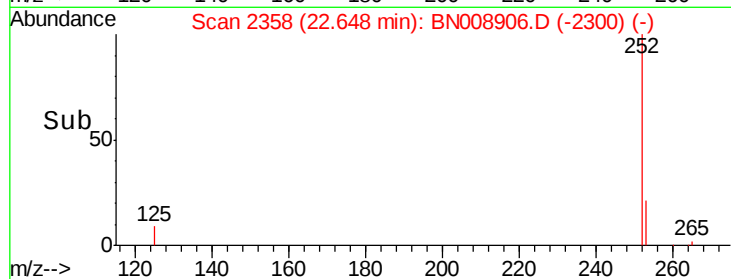
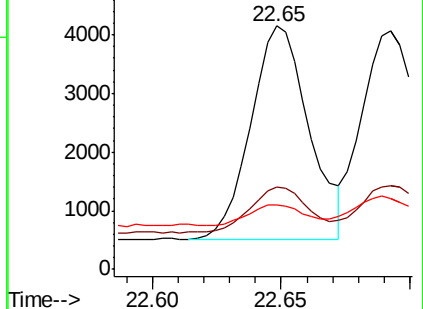
125 26.5 10.8 16.2#



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: 0.087 ng

RT: 22.69 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

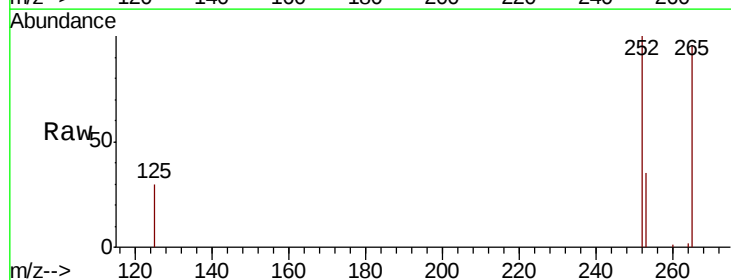
Tgt Ion:252 Resp: 5590

Ion Ratio Lower Upper

252 100

253 34.9 19.2 28.8#

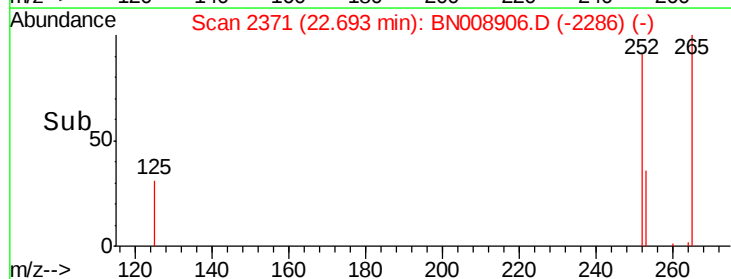
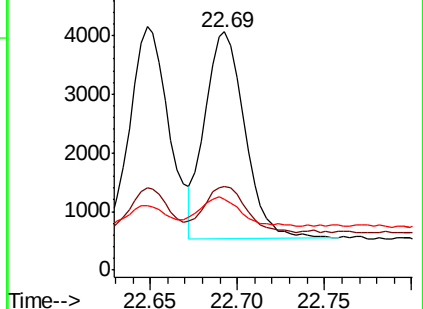
125 29.7 11.6 17.4#

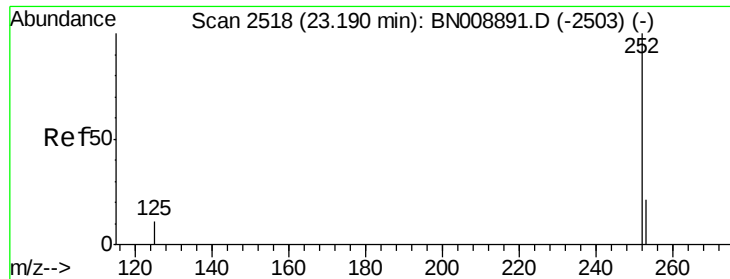


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.082 ng

RT: 23.19 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

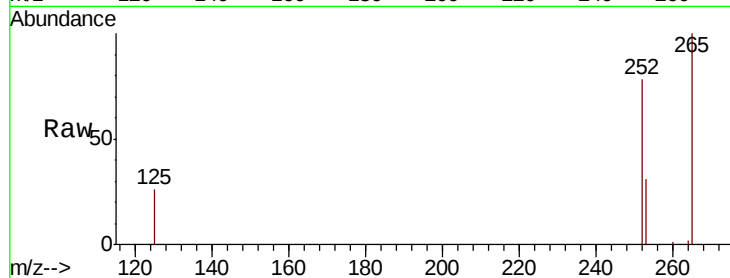
Tot Ion:252 Resp: 4750

Ion Ratio Lower Upper

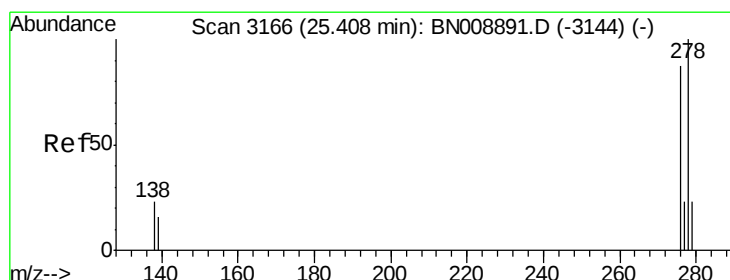
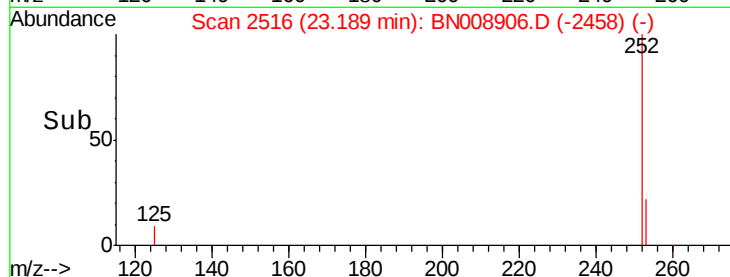
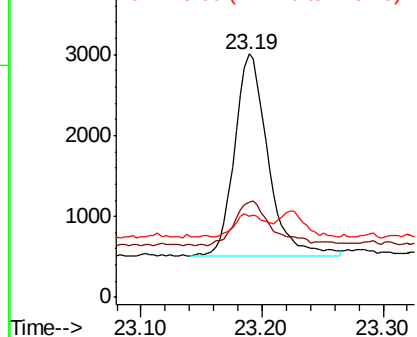
252 100

253 39.3 19.9 29.9#

125 33.6 12.3 18.5#



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: 0.086 ng

RT: 25.41 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

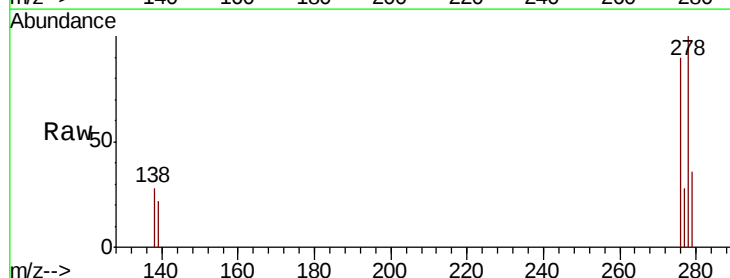
Tgt Ion:278 Resp: 4622

Ion Ratio Lower Upper

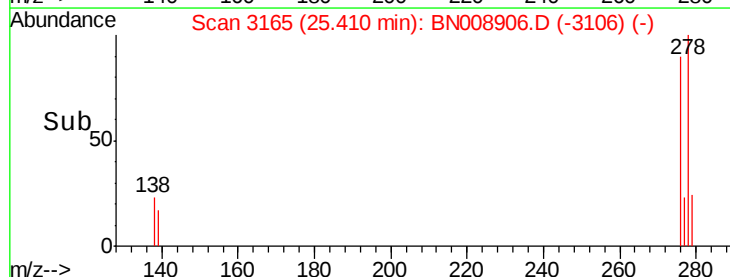
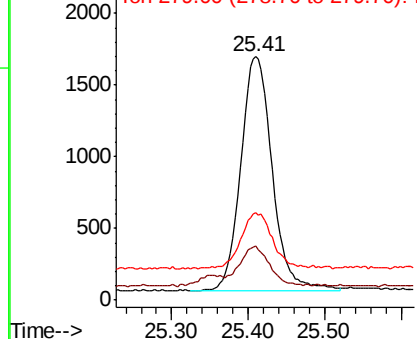
278 100

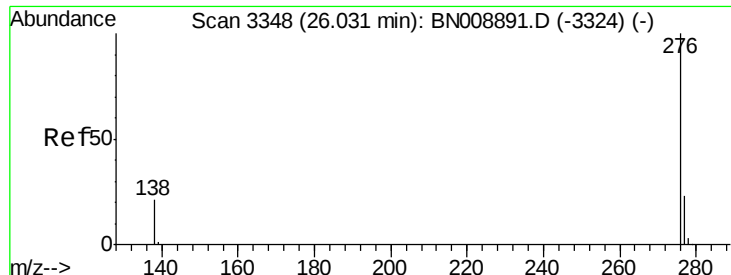
139 22.2 13.9 20.9#

279 35.8 20.2 30.4#



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: 0.092 ng

RT: 26.04 min Scan# 3348

Delta R.T. 0.01 min

Lab File: BN008906.D

Acq: 10 Dec 2019 15:02

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2019

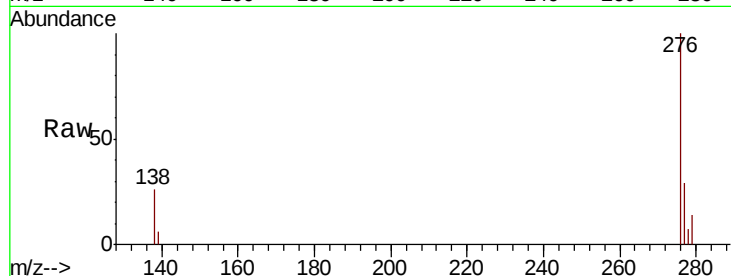
Tot Ion: 276 Resp: 4894

Ion Ratio Lower Upper

276 100

277 28.8 19.4 29.2

138 26.4 17.8 26.6



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

