

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070919\
 Data File : BN006770.D
 Acq On : 09 Jul 2019 17:06
 Operator : HP/JU
 Sample : K2241-09
 Misc : MDL-W-0.1PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Quant Time: Jul 10 04:18:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 13:11:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2327	0.40	ng	0.02
7) Naphthalene-d8	10.38	136	8446	0.40	ng	0.01
13) Acenaphthene-d10	14.24	164	5111	0.40	ng	0.00
19) Phenanthrene-d10	17.01	188	11419	0.40	ng	0.01
27) Chrysene-d12	21.24	240	11411	0.40	ng	0.00
34) Perylene-d12	23.46	264	13390	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1731	0.33	ng	0.02
5) Phenol-d6	6.86	99	2090	0.29	ng	0.05
8) Nitrobenzene-d5	8.84	82	1609	0.28	ng	0.06
11) 2-Methylnaphthalene-d10	11.99	152	4691	0.37	ng	0.02
14) 2,4,6-Tribromophenol	15.79	330	709	0.30	ng	0.02
15) 2-Fluorobiphenyl	12.87	172	6954	0.37	ng	0.01
25) Fluoranthene-d10	19.06	212	13317	0.39	ng	0.00
29) Terphenyl-d14	19.66	244	10416	0.41	ng	0.00

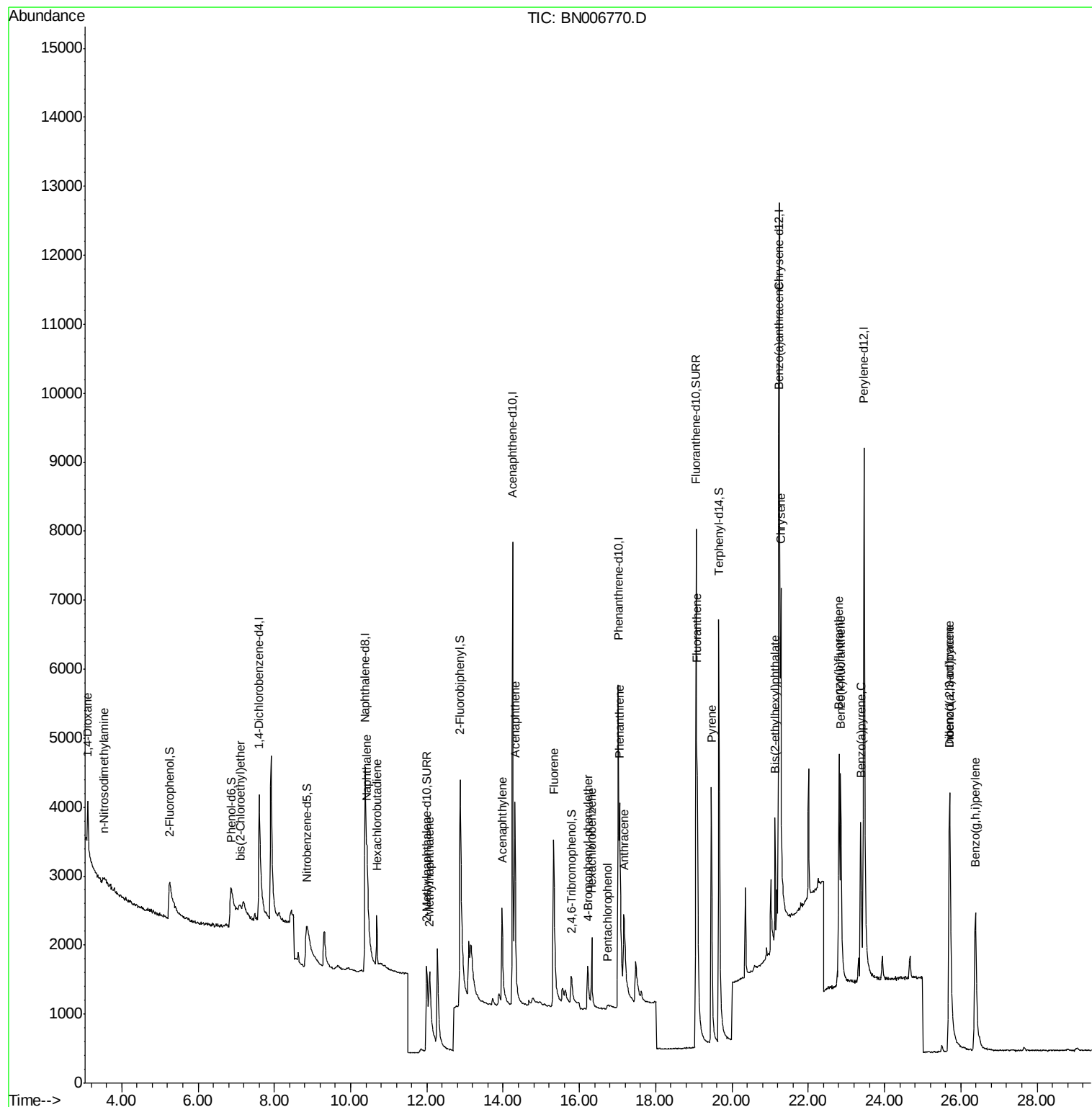
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	582	0.152	ng	93
3) n-Nitrosodimethylamine	3.53	42	67	0.228	ng	# 59
6) bis(2-Chloroethyl)ether	7.10	93	748	0.094	ng	# 37
9) Naphthalene	10.43	128	2862	0.127	ng	# 85
10) Hexachlorobutadiene	10.68	225	645	0.132	ng	# 100
12) 2-Methylnaphthalene	12.07	142	1745	0.121	ng	# 93
16) Acenaphthylene	13.98	152	2752	0.114	ng	99
17) Acenaphthene	14.31	154	1983	0.122	ng	99
18) Fluorene	15.32	166	2265	0.113	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	654	0.101	ng	93
21) Hexachlorobenzene	16.32	284	1075	0.128	ng	97
22) Pentachlorophenol	16.74	266	45	0.237	ng	# 79
23) Phenanthrene	17.06	178	3696	0.117	ng	99
24) Anthracene	17.16	178	2843	0.104	ng	99
26) Fluoranthene	19.09	202	5044	0.127	ng	99
28) Pyrene	19.46	202	5196	0.131	ng	99
30) Benzo(a)anthracene	21.23	228	3731	0.106	ng	97
31) Chrysene	21.28	228	5151	0.131	ng	97
32) Bis(2-ethylhexyl)phthalate	21.13	149	1632	0.100	ng	98
33) Indeno(1,2,3-cd)pyrene	25.71	276	6165	0.128	ng	99
35) Benzo(b)fluoranthene	22.80	252	4625	0.110	ng	# 86
36) Benzo(k)fluoranthene	22.85	252	5655	0.120	ng	# 84
37) Benzo(a)pyrene	23.37	252	5114	0.125	ng	# 79
38) Dibenzo(a,h)anthracene	25.71	278	4884	0.119	ng	# 87
39) Benzo(g,h,i)perylene	26.38	276	5668	0.132	ng	# 93

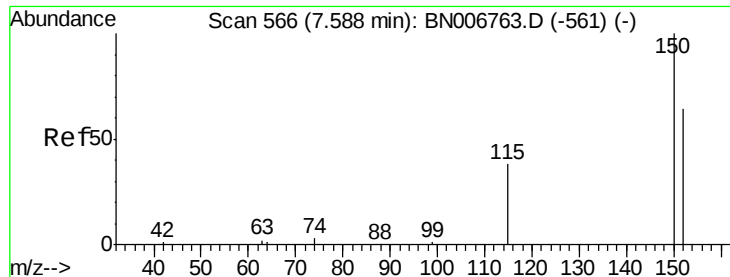
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 568

Delta R.T. 0.02 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

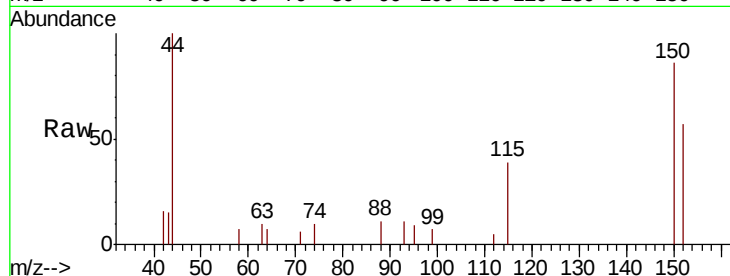
Tgt Ion: 152 Resp: 2327

Ion Ratio Lower Upper

152 100

150 149.6 123.6 185.4

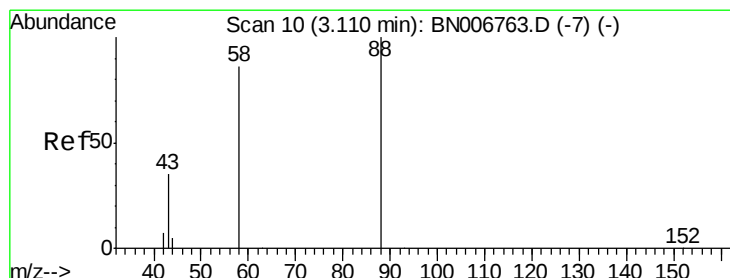
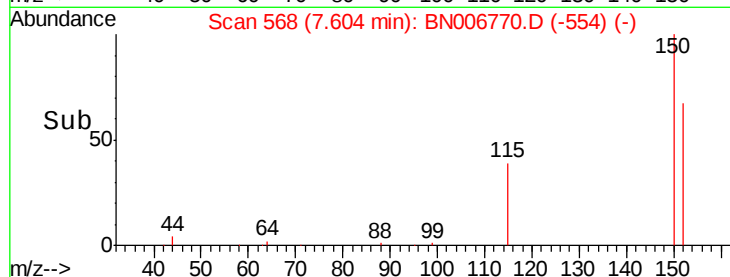
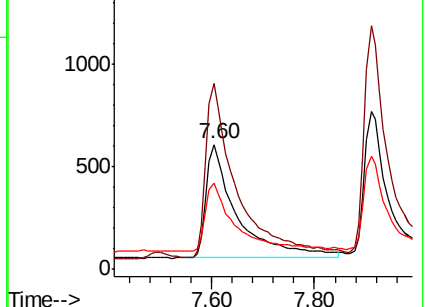
115 68.5 52.5 78.7



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: 0.152 ng

RT: 3.12 min Scan# 11

Delta R.T. 0.01 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

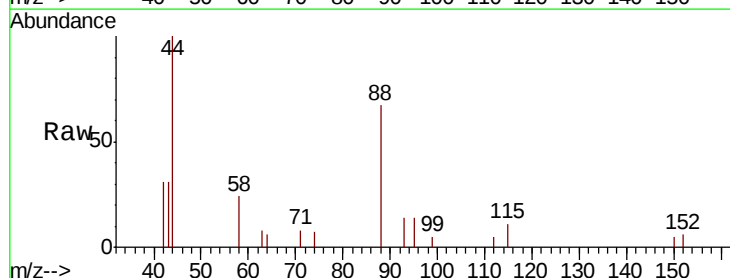
Tgt Ion: 88 Resp: 582

Ion Ratio Lower Upper

88 100

58 72.5 61.8 92.6

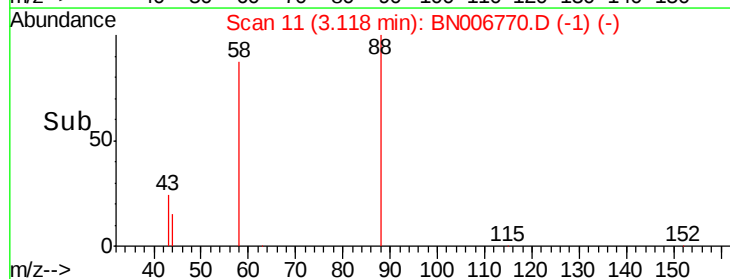
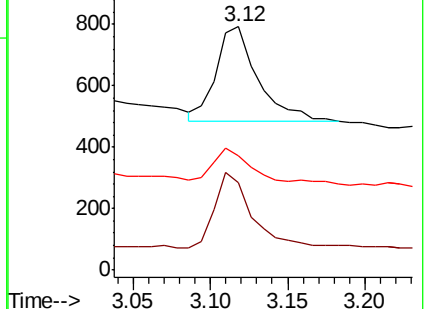
43 28.5 27.9 41.9

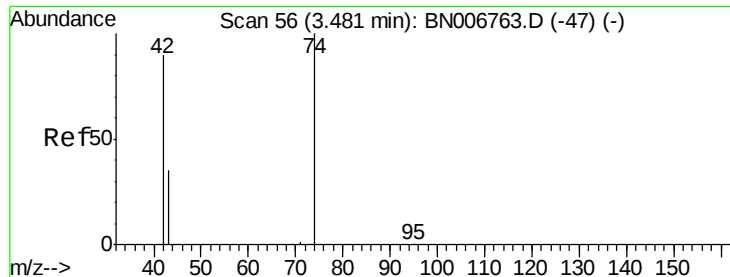


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.228 ng

RT: 3.53 min Scan# 62

Delta R.T. 0.05 min

Lab File: BN006770.D

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Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

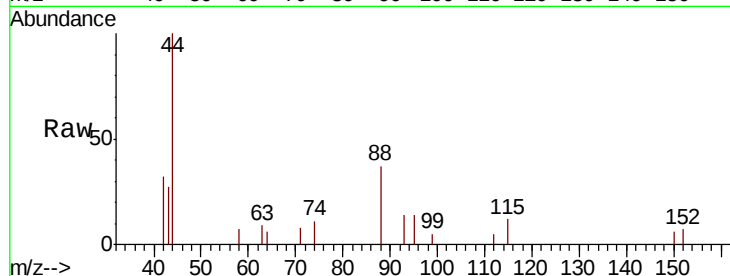
Tgt Ion: 42 Resp: 67

Ion Ratio Lower Upper

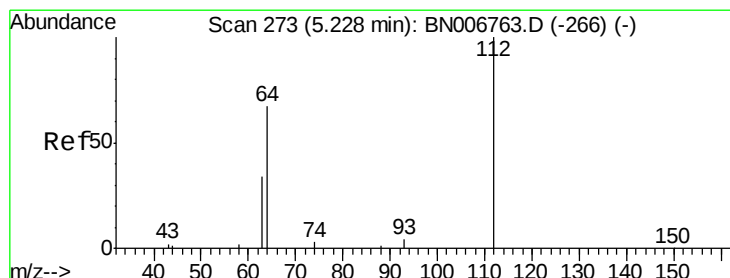
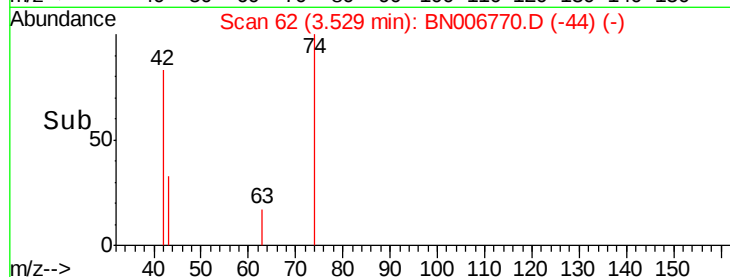
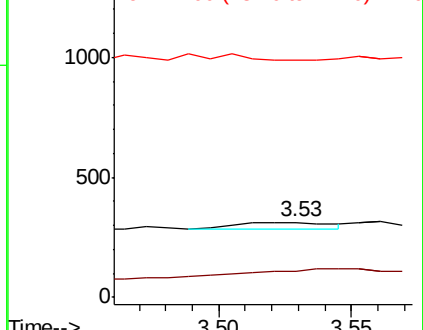
42 100

74 152.2 86.2 129.4#

44 0.0 7.0 10.6#



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: 0.335 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.02 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

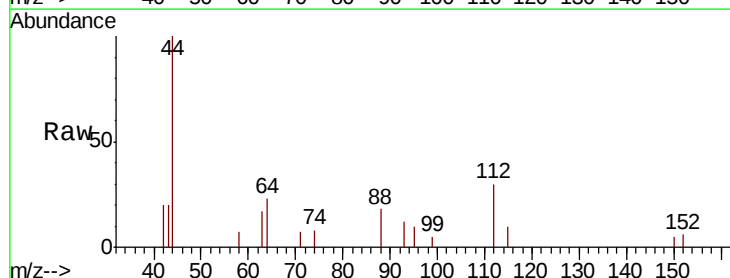
Tgt Ion: 112 Resp: 1731

Ion Ratio Lower Upper

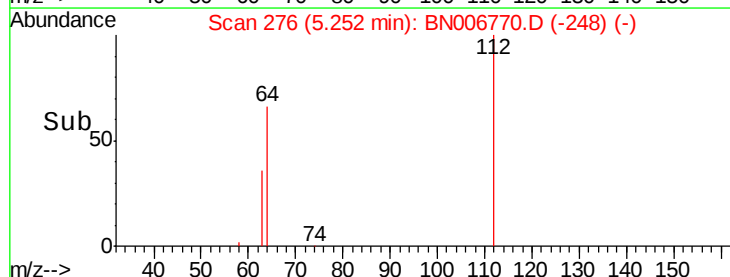
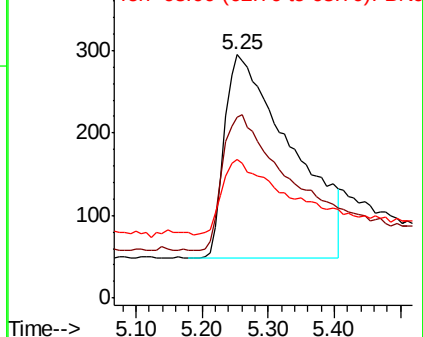
112 100

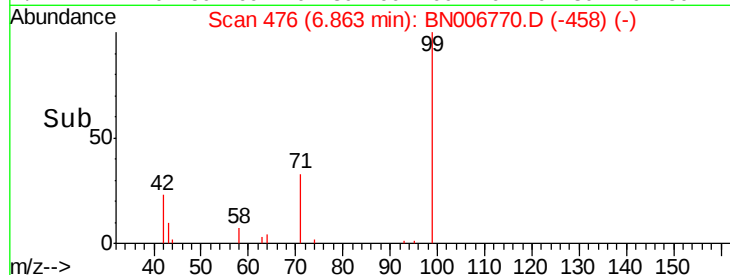
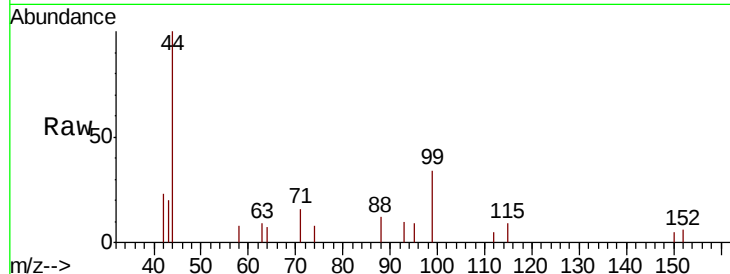
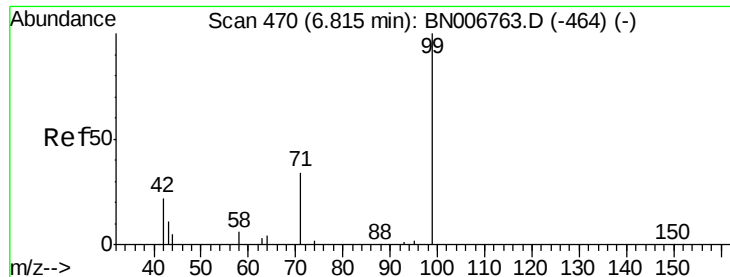
64 66.3 52.7 79.1

63 36.3 27.7 41.5



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: 0.294 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.05 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

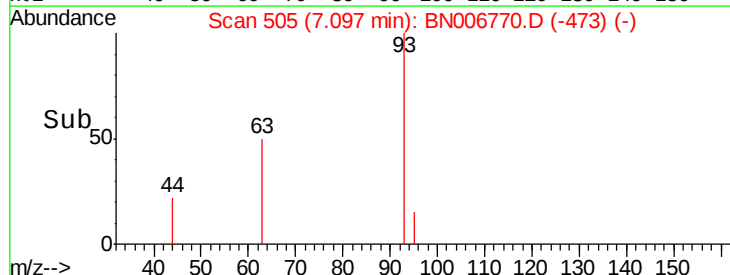
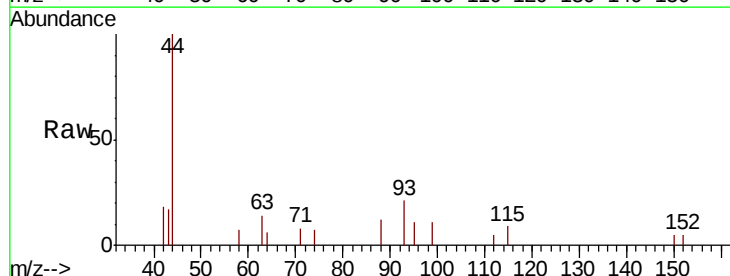
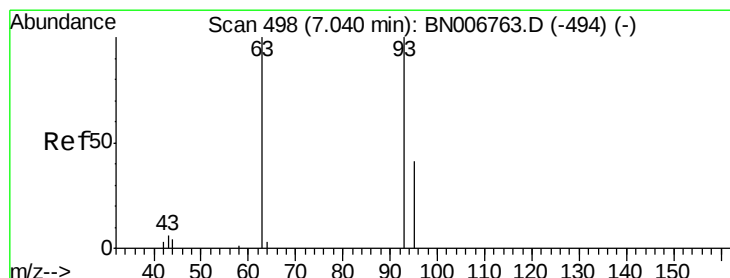
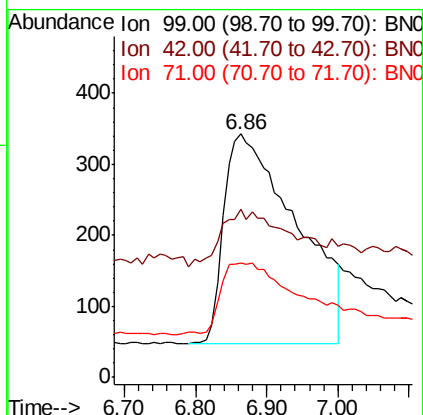
Tgt Ion: 99 Resp: 2090

Ion Ratio Lower Upper

99 100

42 25.9 17.0 25.6#

71 35.9 29.1 43.7



#6

bis(2-Chloroethyl)ether

Concen: 0.094 ng

RT: 7.10 min Scan# 505

Delta R.T. 0.06 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

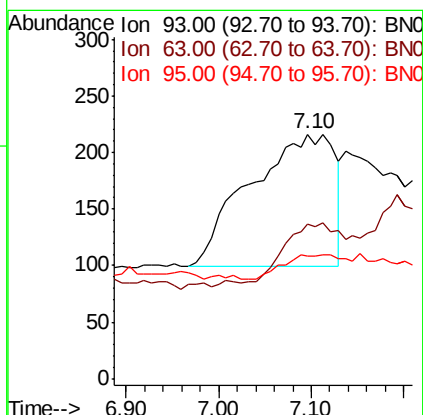
Tgt Ion: 93 Resp: 748

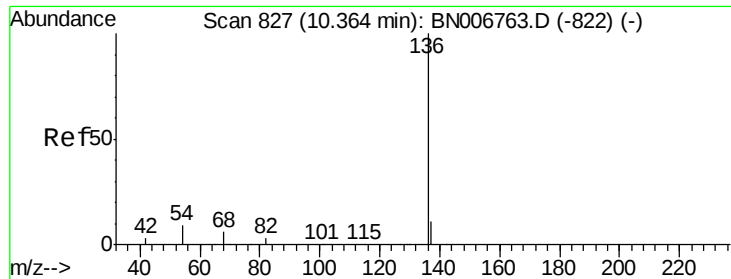
Ion Ratio Lower Upper

93 100

63 0.0 48.6 73.0#

95 13.6 22.9 34.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. 0.01 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tgt Ion:136 Resp: 8446

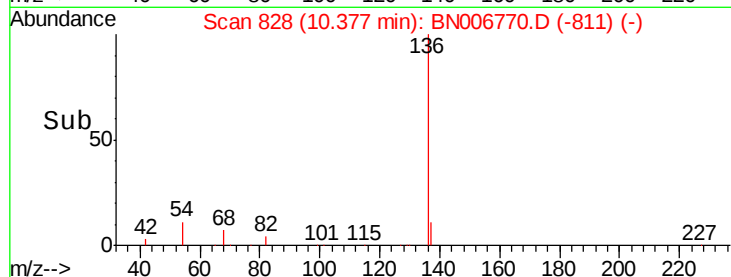
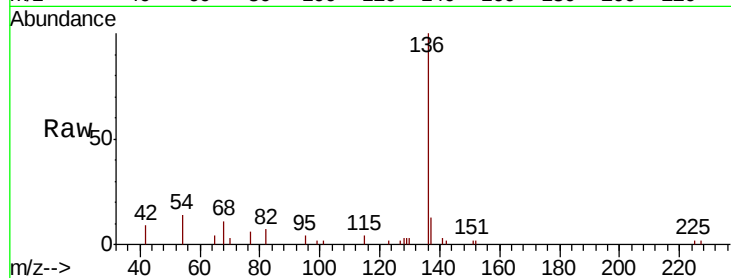
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 13.8 8.4 12.6#

68 10.7 6.4 9.6#

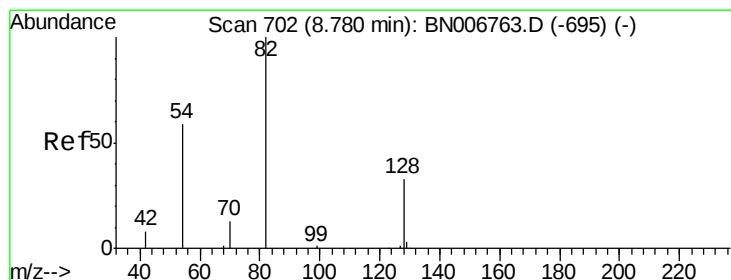
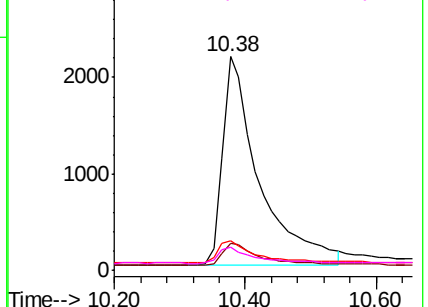


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.279 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.06 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

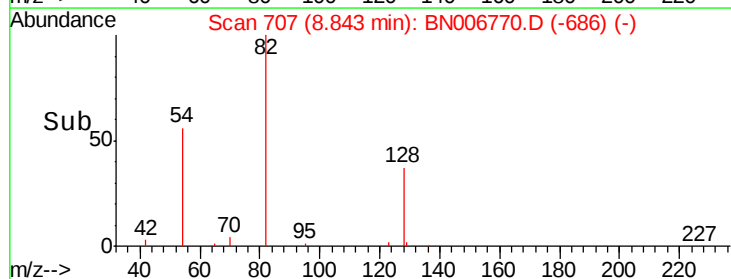
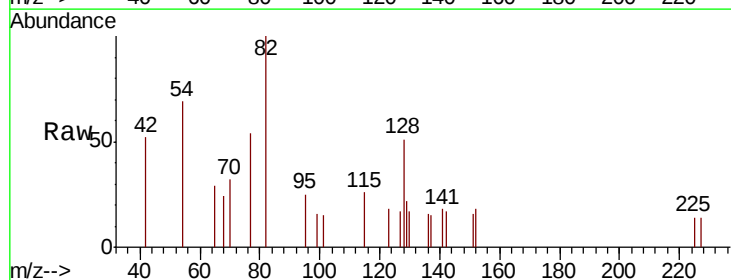
Tgt Ion: 82 Resp: 1609

Ion Ratio Lower Upper

82 100

128 51.4 33.0 49.6#

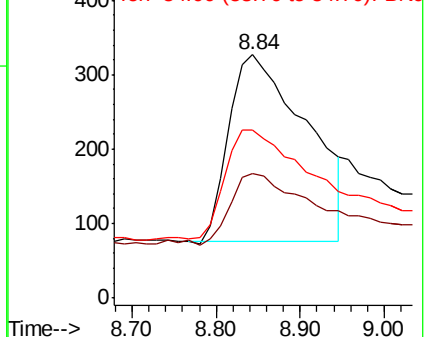
54 69.1 52.2 78.2

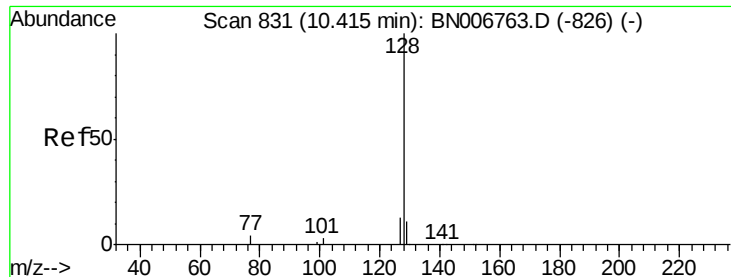


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

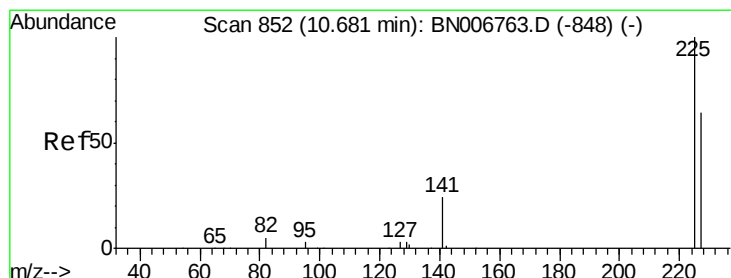
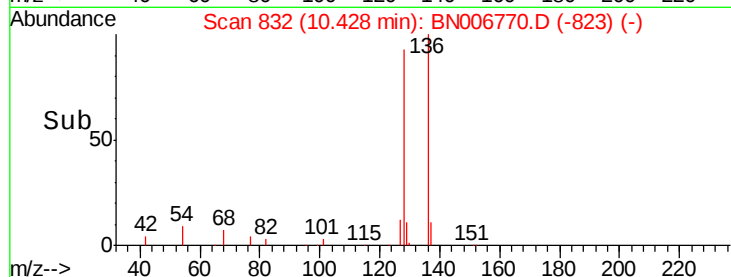
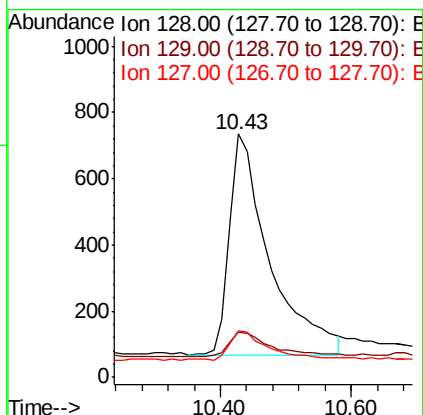
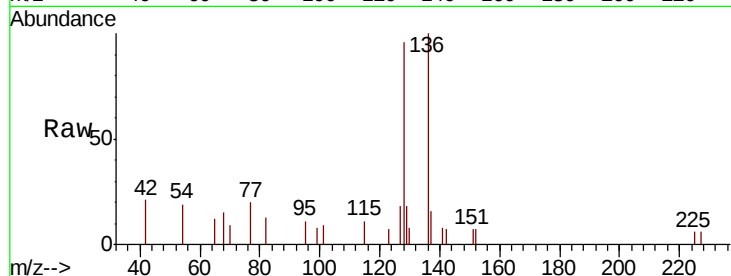




#9
Naphthalene
Concen: 0.127 ng
RT: 10.43 min Scan# 832
Delta R.T. 0.01 min
Lab File: BN006770.D
Acq: 09 Jul 2019 17:06

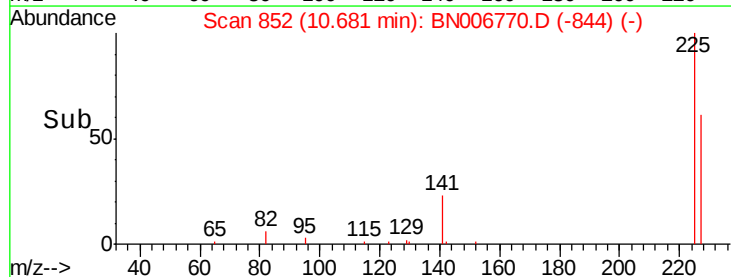
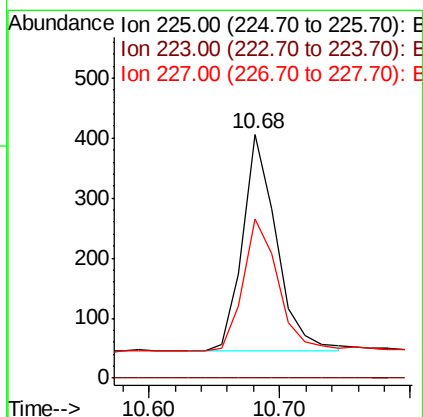
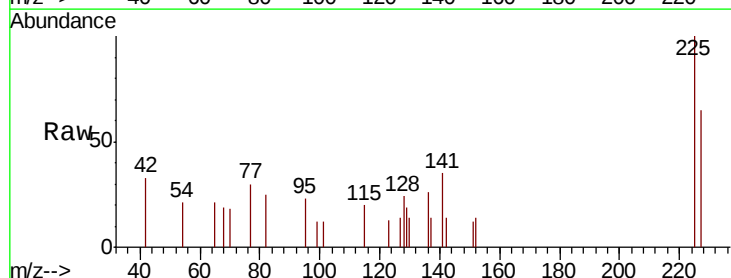
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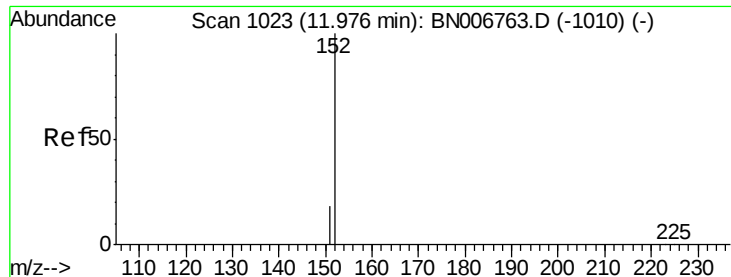
Tgt Ion:128 Resp: 2862
Ion Ratio Lower Upper
128 100
129 18.8 9.6 14.4#
127 18.9 11.0 16.4#



#10
Hexachlorobutadiene
Concen: 0.132 ng
RT: 10.68 min Scan# 852
Delta R.T. -0.00 min
Lab File: BN006770.D
Acq: 09 Jul 2019 17:06

Tgt Ion:225 Resp: 645
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.7 50.8 76.2

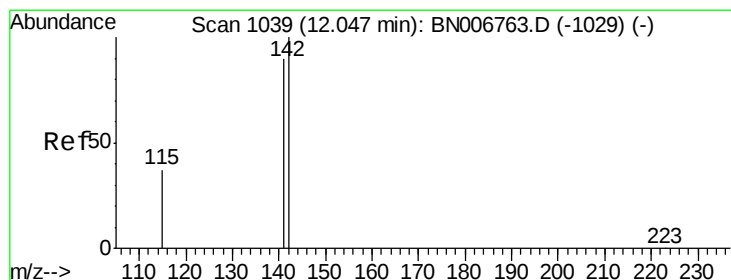
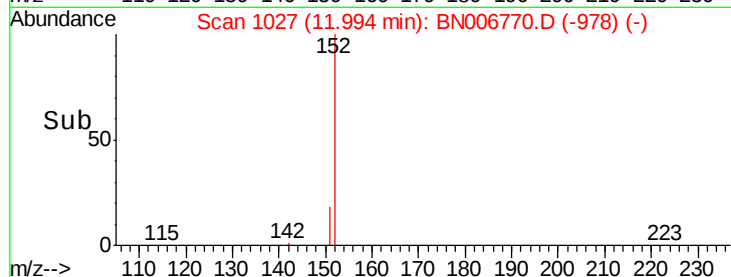
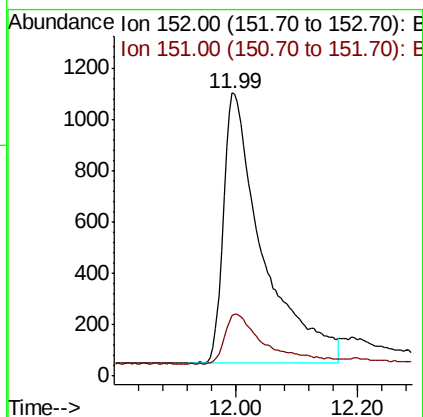
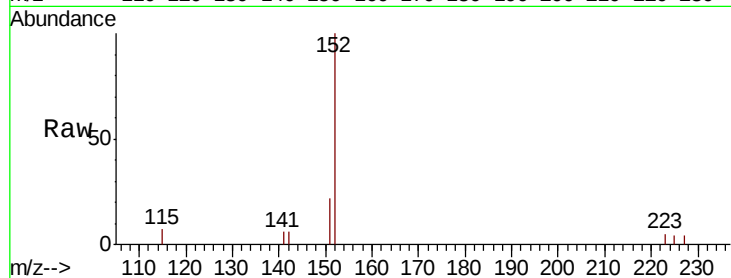




#11
 2-Methylnaphthalene-d10
 Concen: 0.372 ng
 RT: 11.99 min Scan# 1027
 Delta R.T. 0.02 min
 Lab File: BN006770.D
 Acq: 09 Jul 2019 17:06

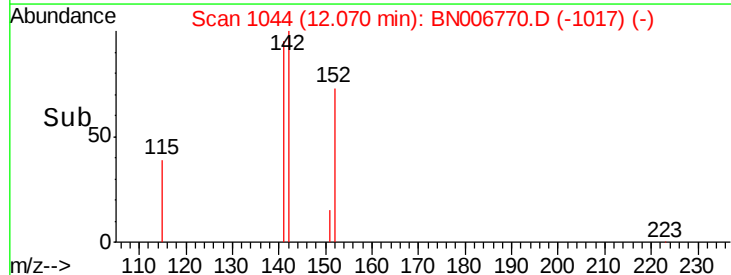
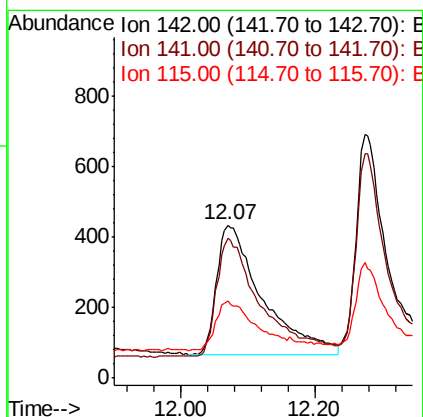
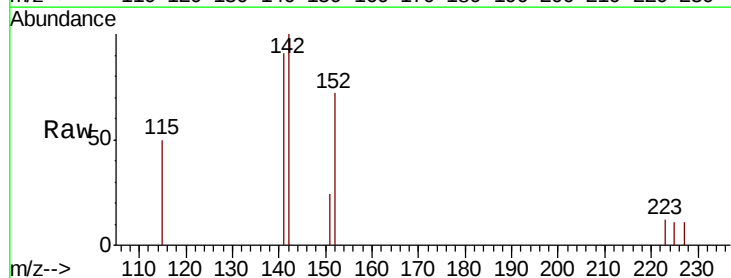
Instrument :
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 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

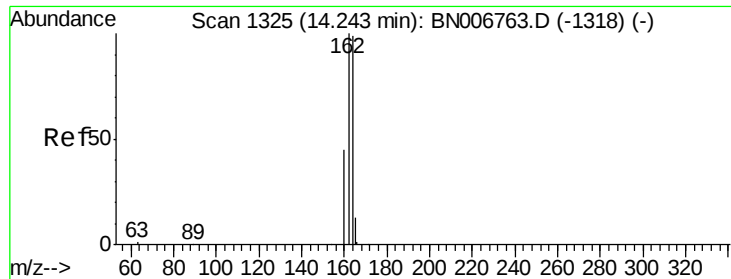
Tgt Ion:152 Resp: 4691
 Ion Ratio Lower Upper
 152 100
 151 18.4 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.121 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. 0.02 min
 Lab File: BN006770.D
 Acq: 09 Jul 2019 17:06

Tgt Ion:142 Resp: 1745
 Ion Ratio Lower Upper
 142 100
 141 91.5 71.7 107.5
 115 50.2 31.2 46.8#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

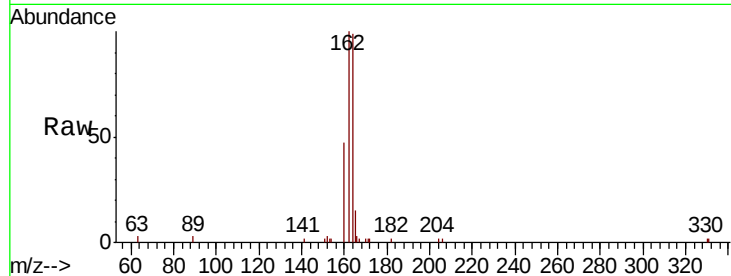
Tgt Ion:164 Resp: 5111

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

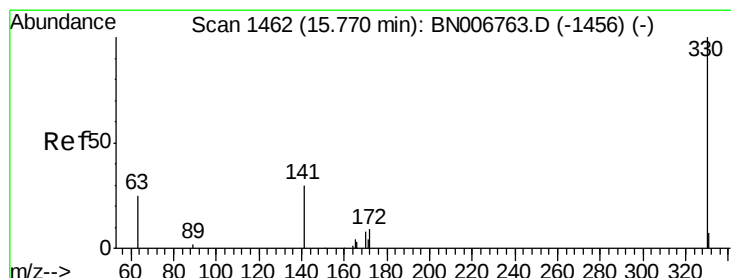
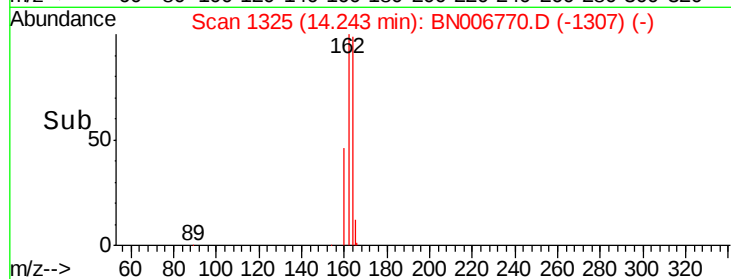
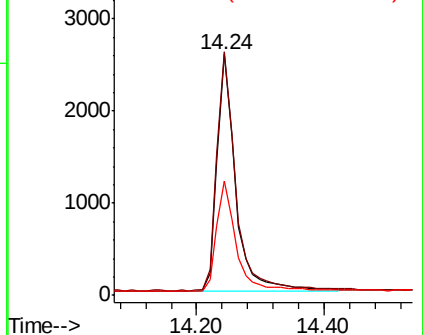
160 47.7 37.4 56.0



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: 0.297 ng

RT: 15.79 min Scan# 1464

Delta R.T. 0.02 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

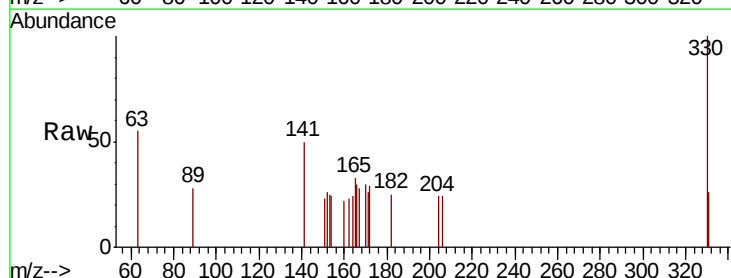
Tgt Ion:330 Resp: 709

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

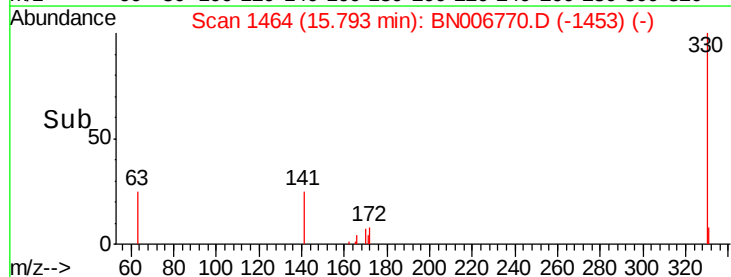
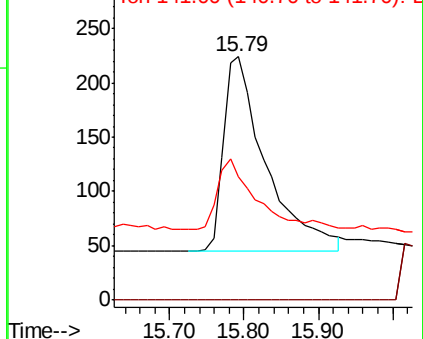
141 33.0 26.6 39.8

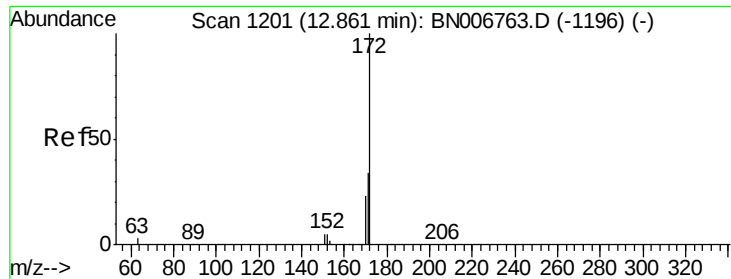


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

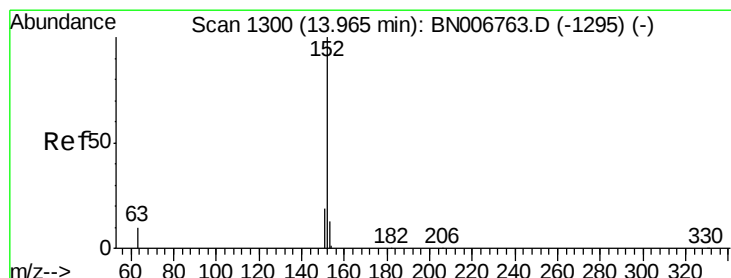
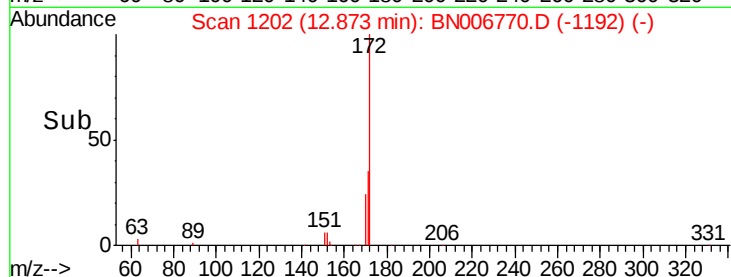
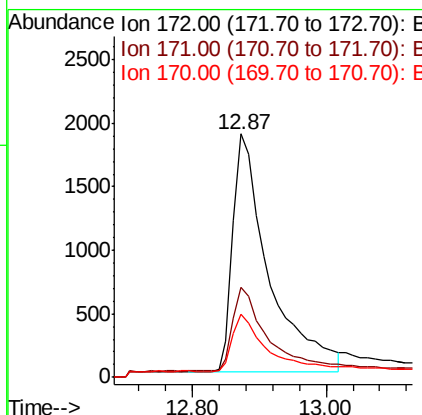
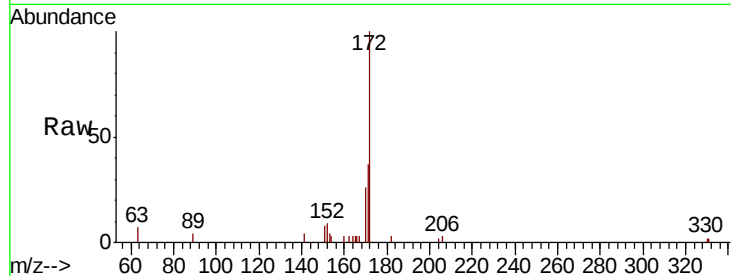




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.87 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BN006770.D
Acq: 09 Jul 2019 17:06

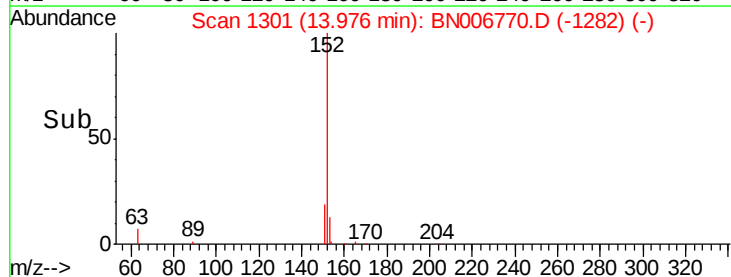
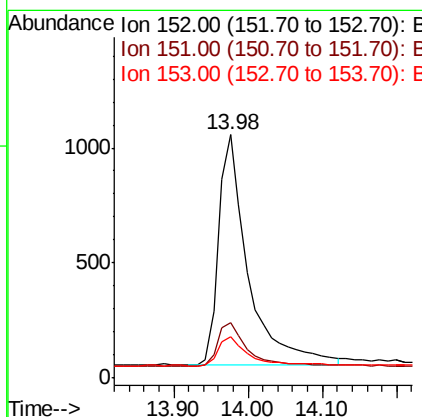
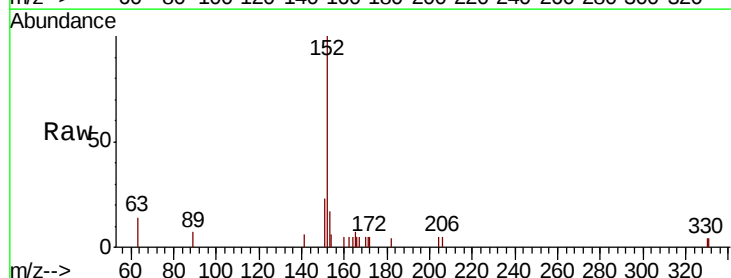
Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

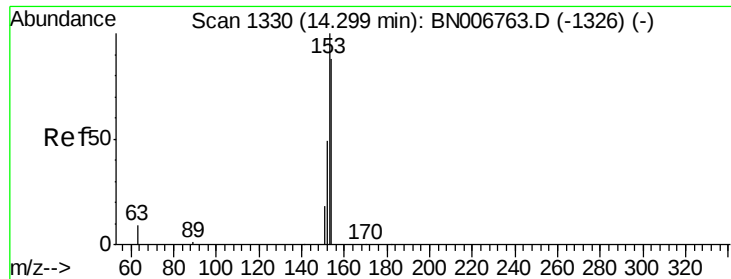
Tgt Ion:172 Resp: 6954
Ion Ratio Lower Upper
172 100
171 37.1 27.8 41.6
170 25.8 19.0 28.6



#16
Acenaphthylene
Concen: 0.114 ng
RT: 13.98 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BN006770.D
Acq: 09 Jul 2019 17:06

Tgt Ion:152 Resp: 2752
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.122 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

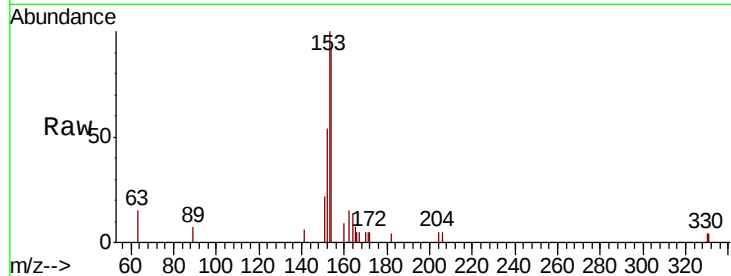
Tgt Ion:154 Resp: 1983

Ion Ratio Lower Upper

154 100

153 113.4 90.8 136.2

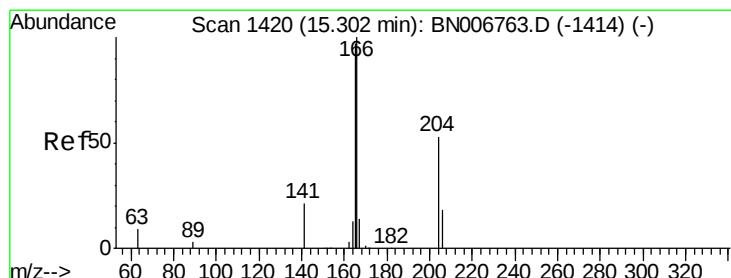
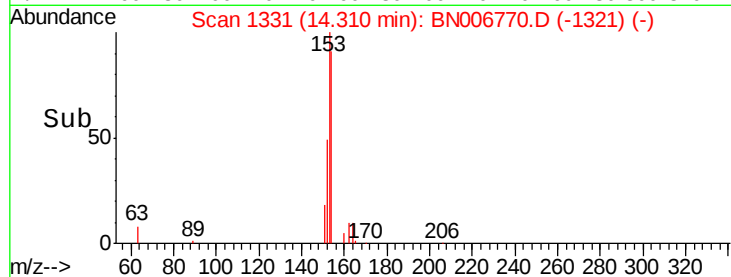
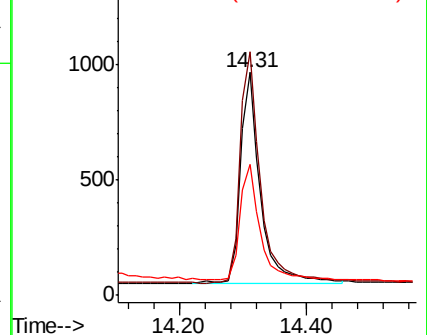
152 54.2 44.9 67.3



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: 0.113 ng

RT: 15.32 min Scan# 1422

Delta R.T. 0.02 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

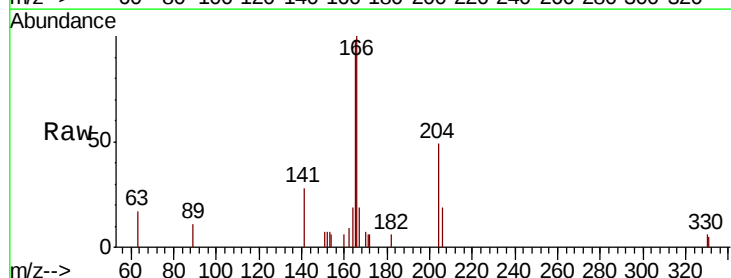
Tgt Ion:166 Resp: 2265

Ion Ratio Lower Upper

166 100

165 98.6 78.2 117.4

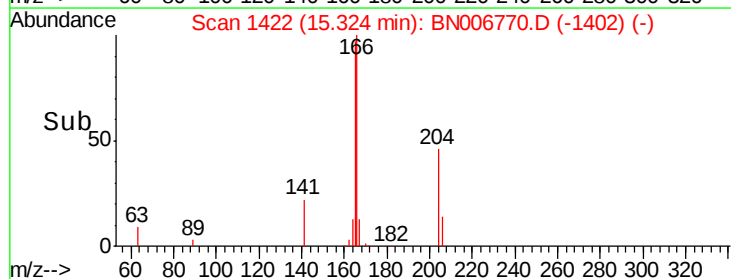
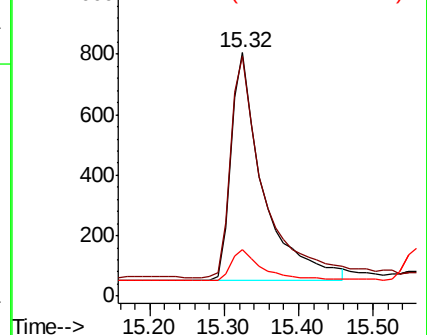
167 13.8 10.9 16.3

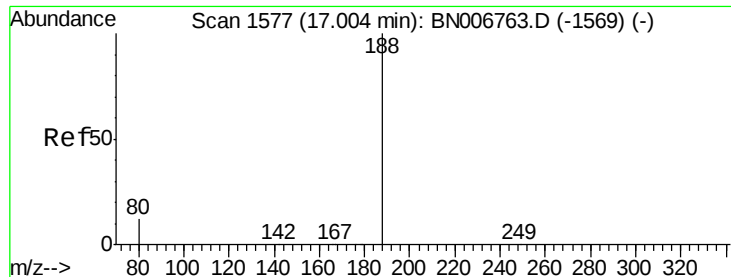


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.01 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

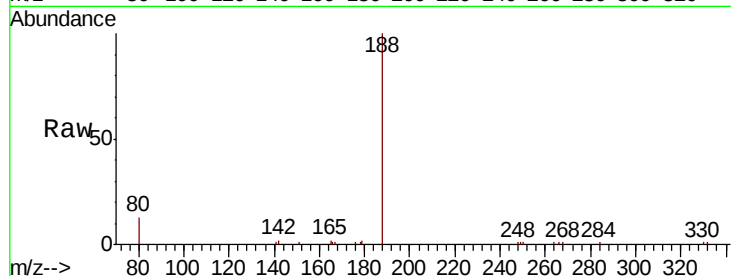
Tgt Ion:188 Resp: 11419

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

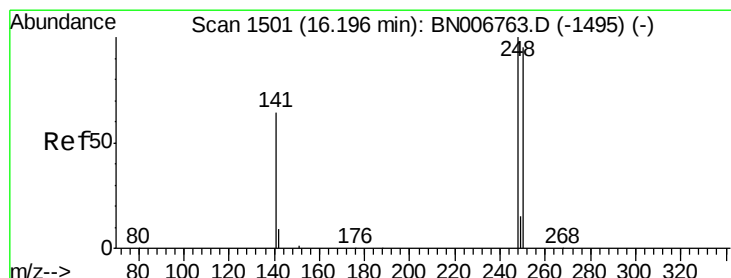
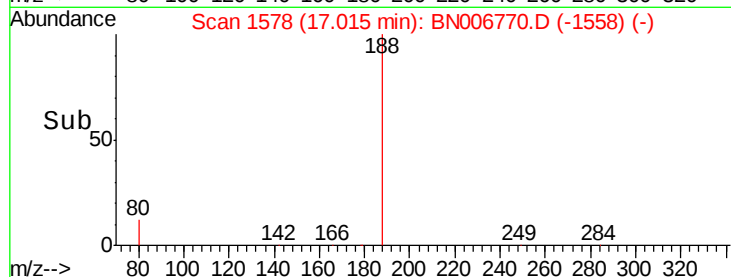
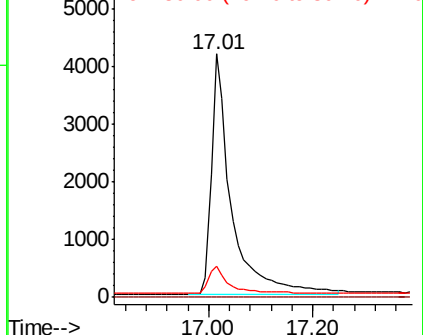
80 13.0 10.1 15.1



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: 0.101 ng

RT: 16.22 min Scan# 1503

Delta R.T. 0.02 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

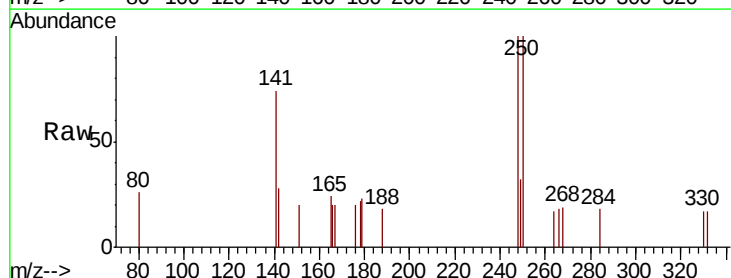
Tgt Ion:248 Resp: 654

Ion Ratio Lower Upper

248 100

250 100.4 76.5 114.7

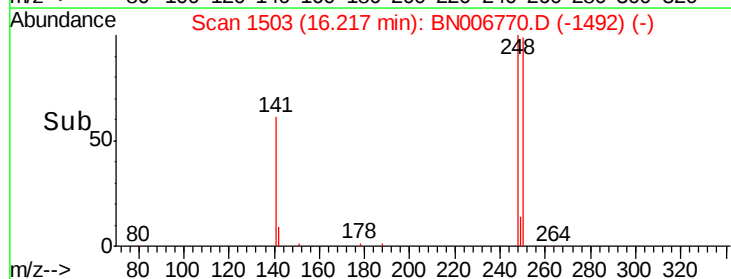
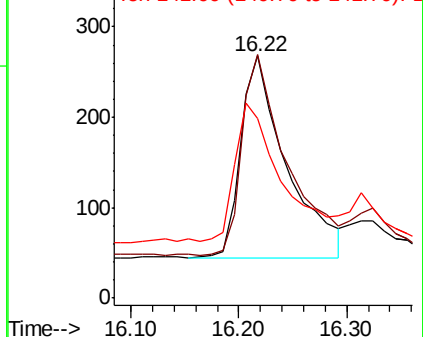
141 73.9 53.2 79.8

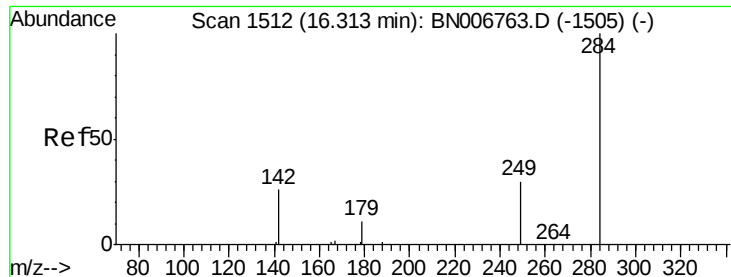


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.128 ng

RT: 16.32 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

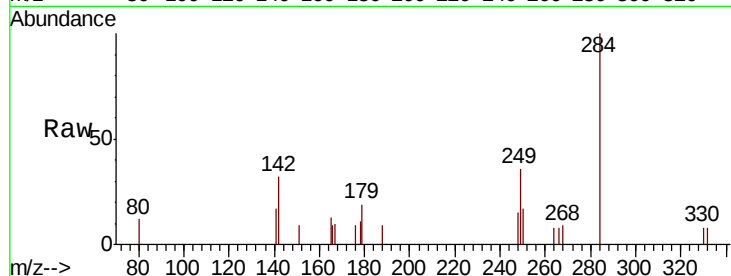
Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

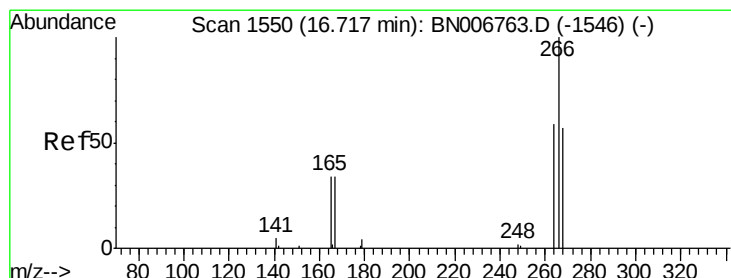
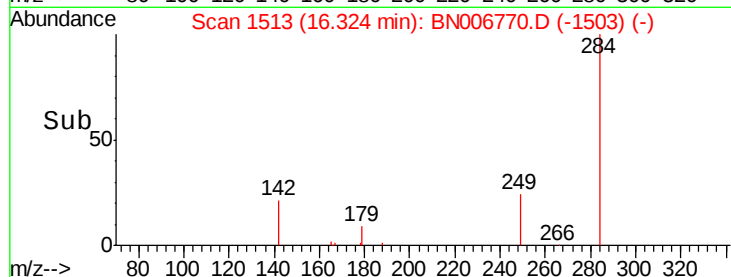
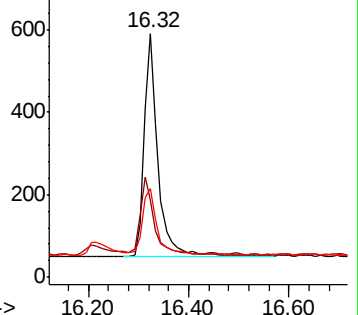
Tgt Ion:	284	Resp:	1075
Ion	Ratio	Lower	Upper
284	100		
142	32.0	27.0	40.4
249	29.1	24.3	36.5



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: 0.237 ng

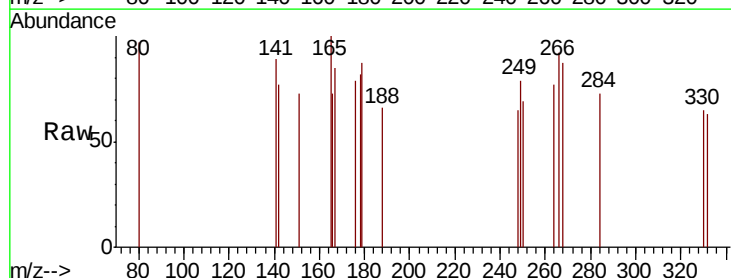
RT: 16.74 min Scan# 1552

Delta R.T. 0.02 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

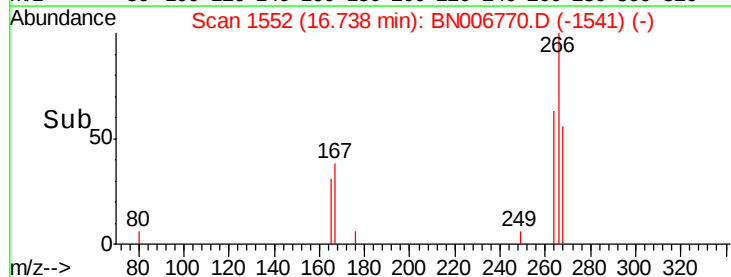
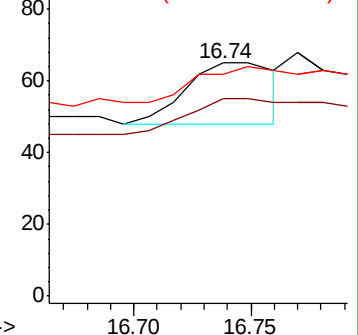
Tgt Ion:	266	Resp:	45
Ion	Ratio	Lower	Upper
266	100		
264	84.6	56.2	84.4#
268	95.4	60.2	90.2#

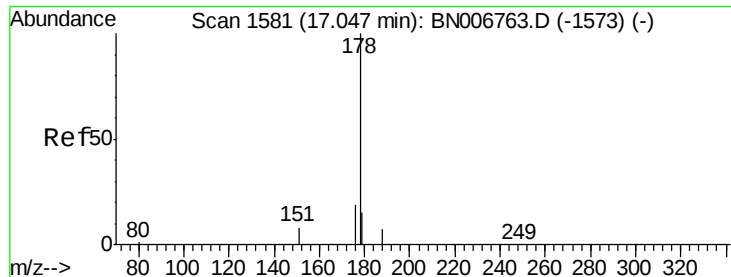


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.117 ng

RT: 17.06 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

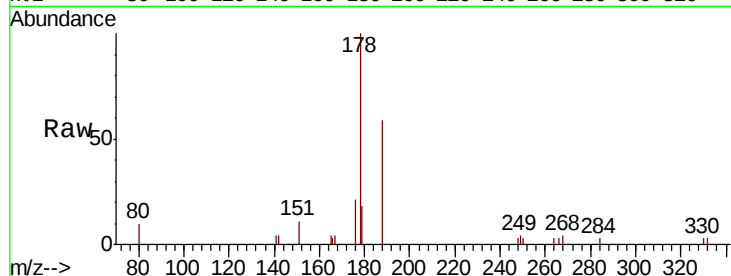
Tgt Ion:178 Resp: 3696

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

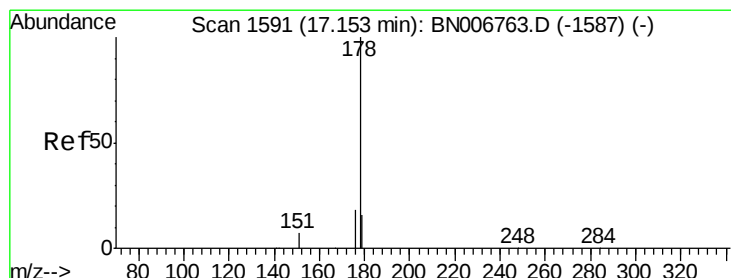
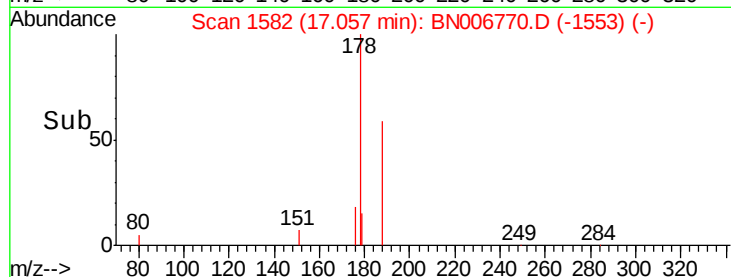
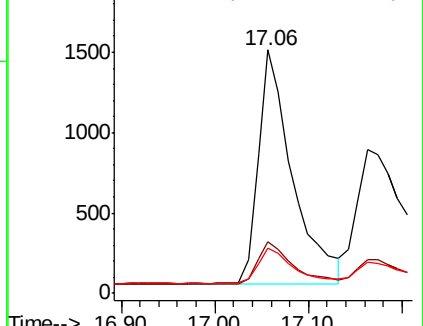
179 16.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.104 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

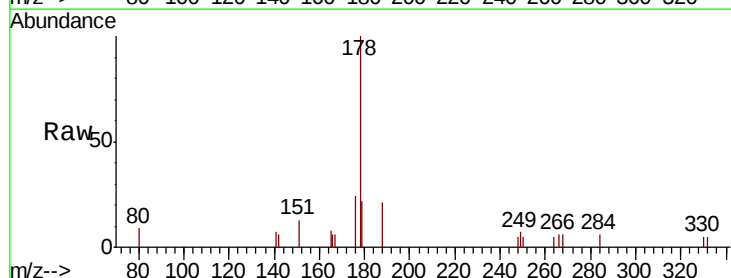
Tgt Ion:178 Resp: 2843

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

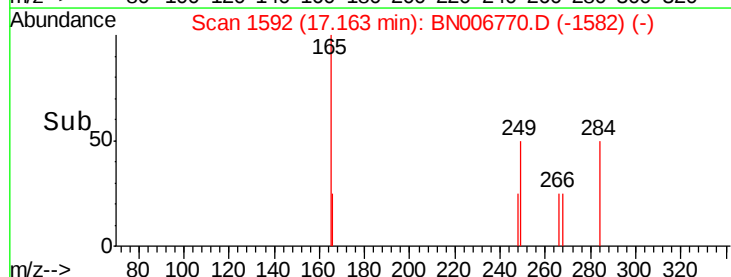
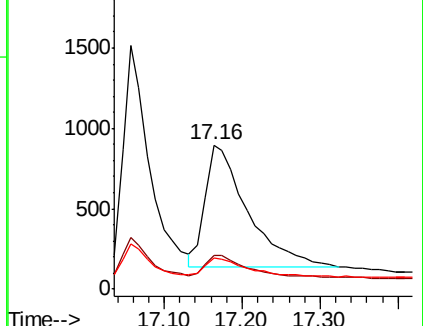
179 14.1 12.1 18.1

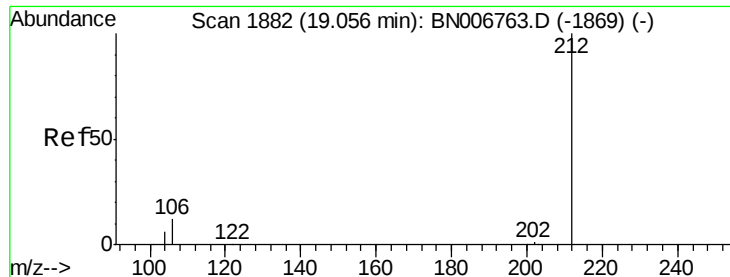


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.06 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

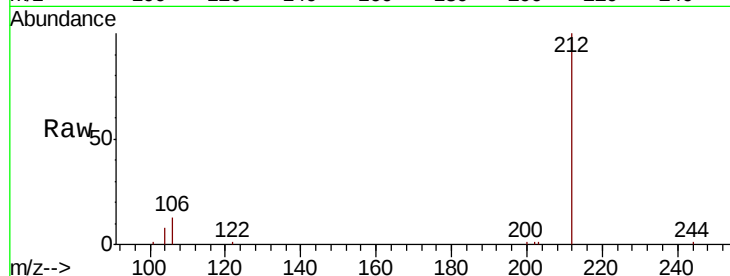
Tgt Ion:212 Resp: 13317

Ion Ratio Lower Upper

212 100

106 12.9 10.5 15.7

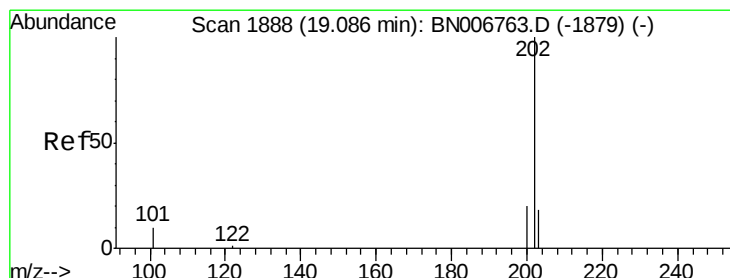
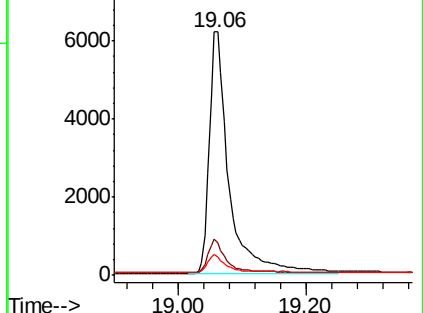
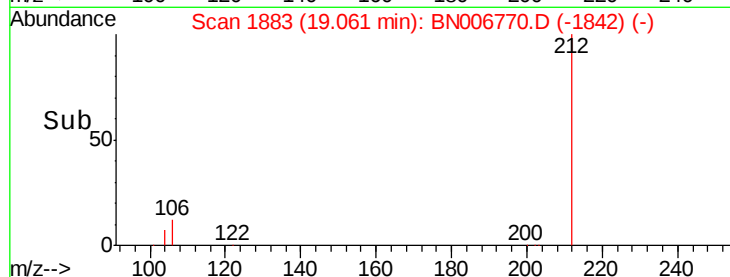
104 7.5 5.9 8.9



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: 0.127 ng

RT: 19.09 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

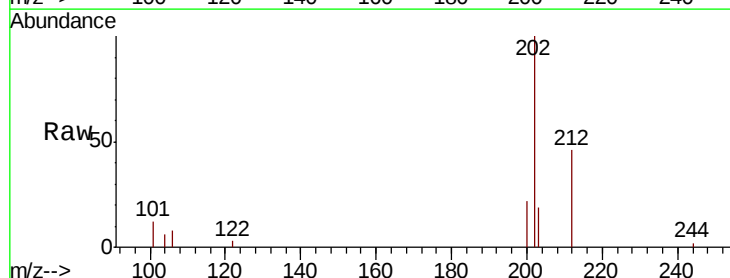
Tgt Ion:202 Resp: 5044

Ion Ratio Lower Upper

202 100

101 10.7 8.8 13.2

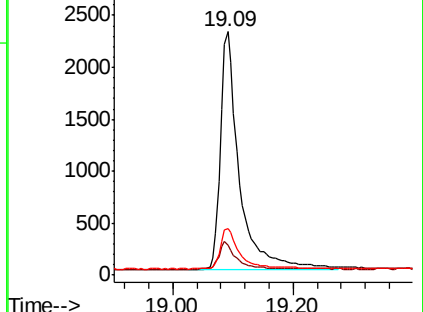
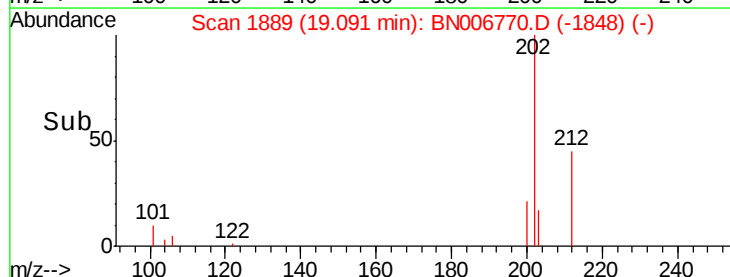
203 17.3 13.6 20.4

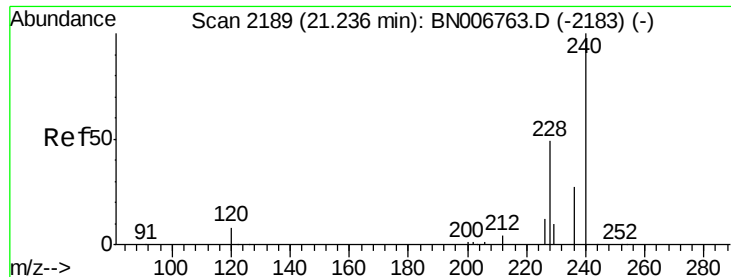


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

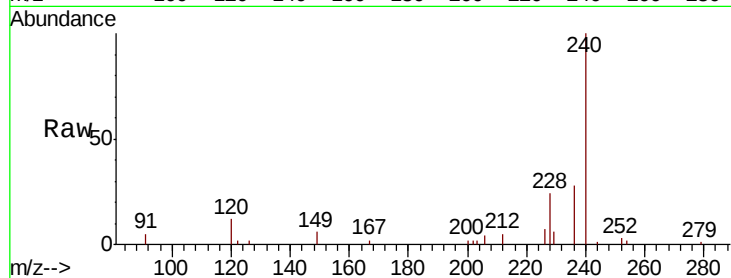
Tgt Ion:240 Resp: 11411

Ion Ratio Lower Upper

240 100

120 12.4 8.1 12.1#

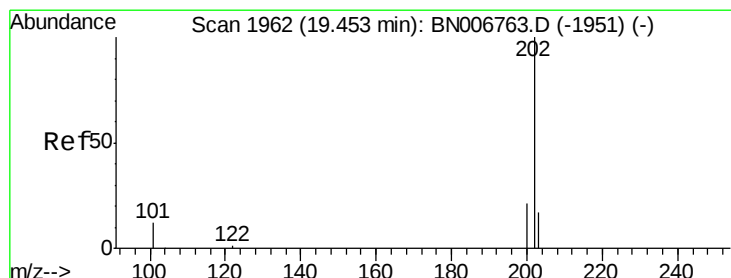
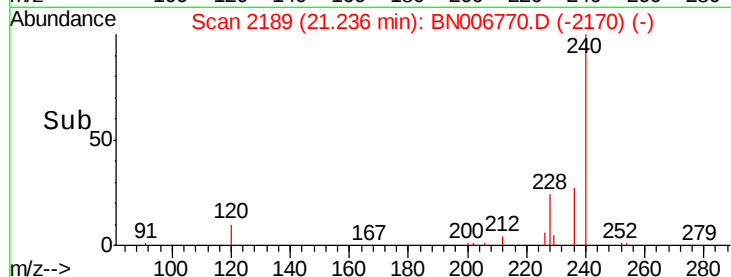
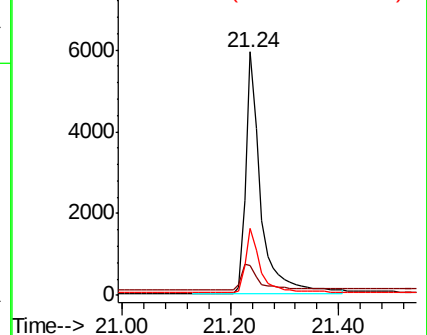
236 27.8 21.8 32.6



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: 0.131 ng

RT: 19.46 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

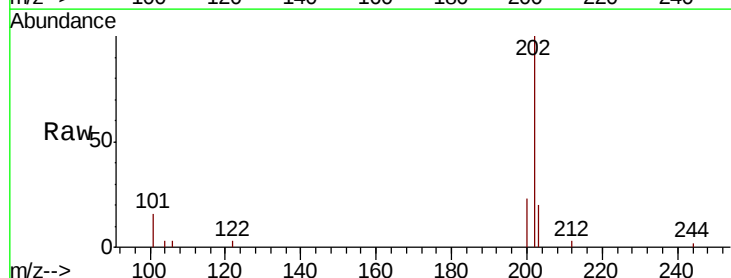
Tgt Ion:202 Resp: 5196

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

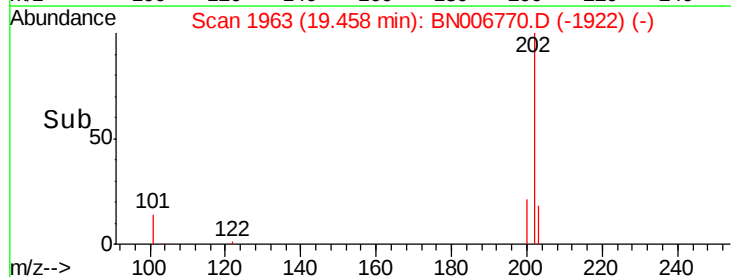
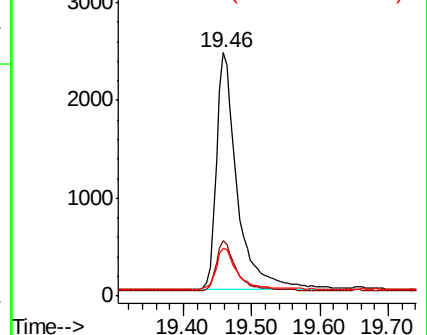
203 18.6 14.0 21.0

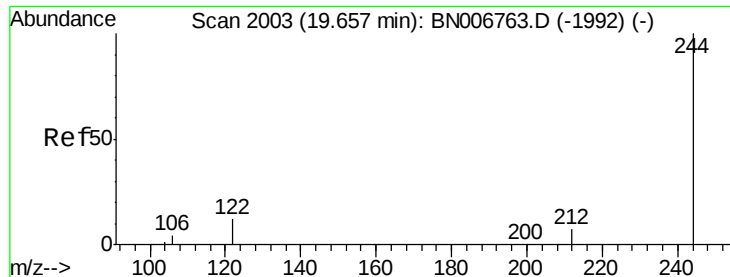


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.66 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

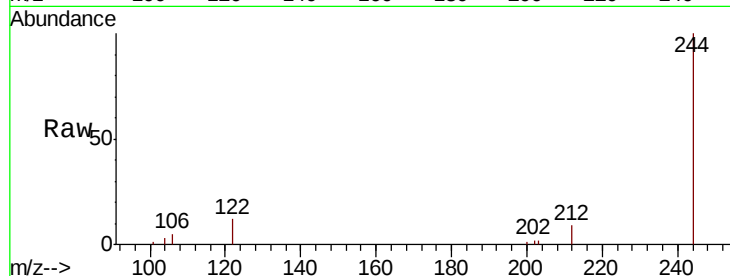
Tgt Ion:244 Resp: 10416

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

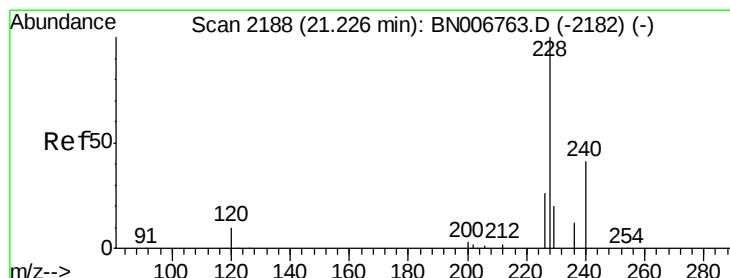
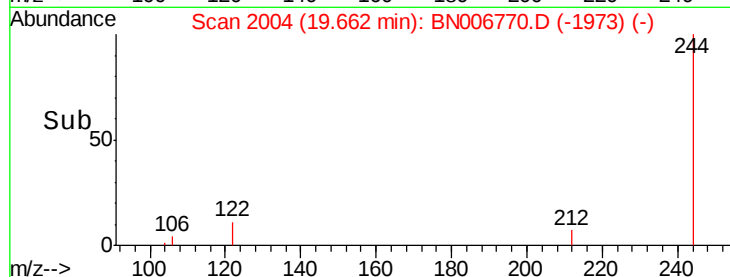
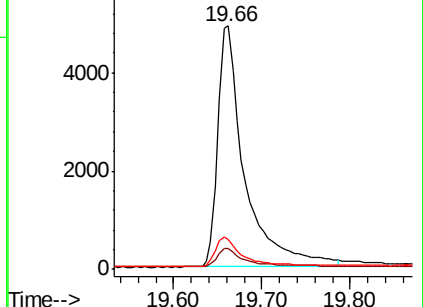
122 12.3 10.3 15.5



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: 0.106 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

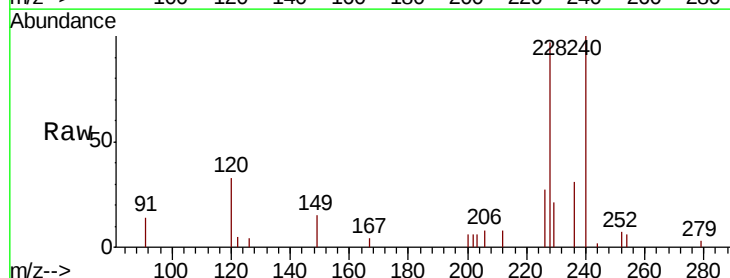
Tgt Ion:228 Resp: 3731

Ion Ratio Lower Upper

228 100

226 28.3 21.2 31.8

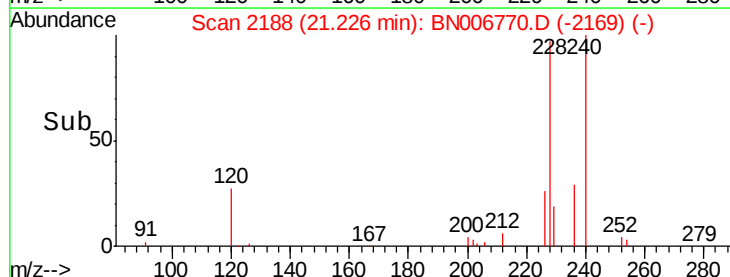
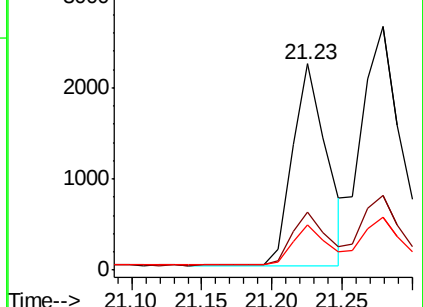
229 21.8 16.4 24.6

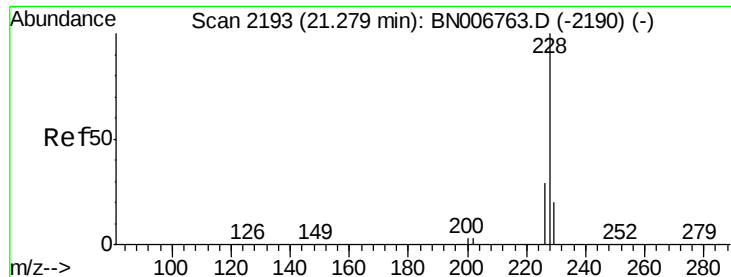


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.131 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

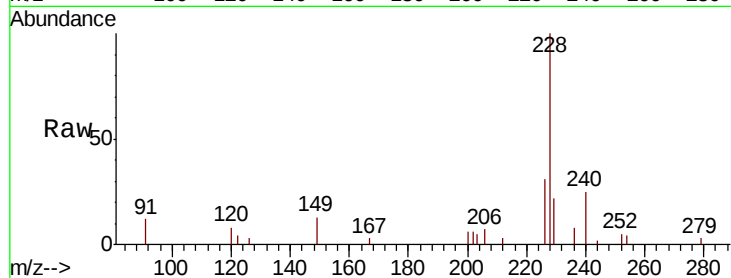
Tgt Ion:228 Resp: 5151

Ion Ratio Lower Upper

228 100

226 30.8 23.5 35.3

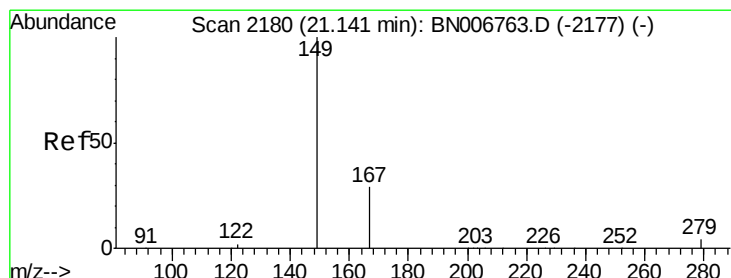
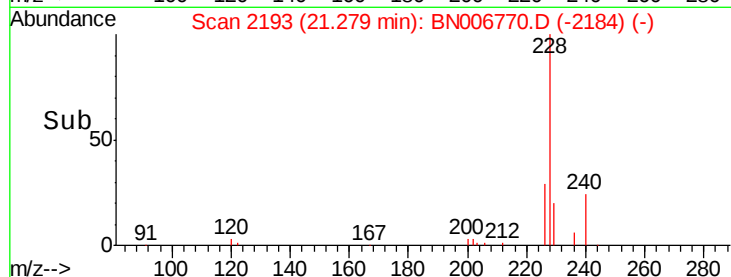
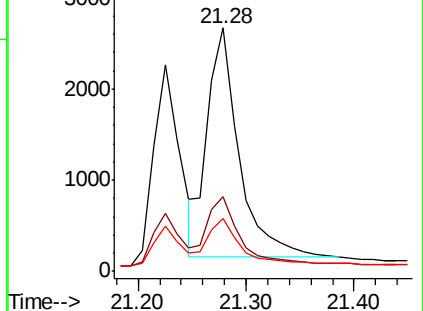
229 21.6 16.0 24.0



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: 0.100 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

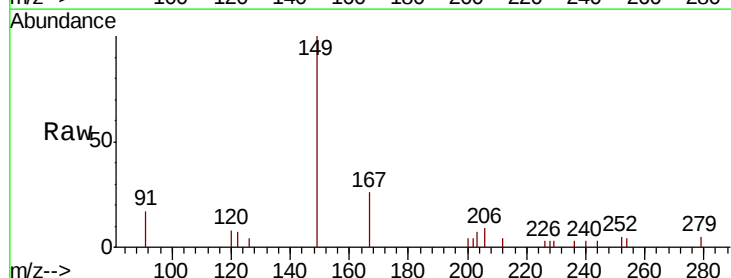
Tgt Ion:149 Resp: 1632

Ion Ratio Lower Upper

149 100

167 27.2 22.9 34.3

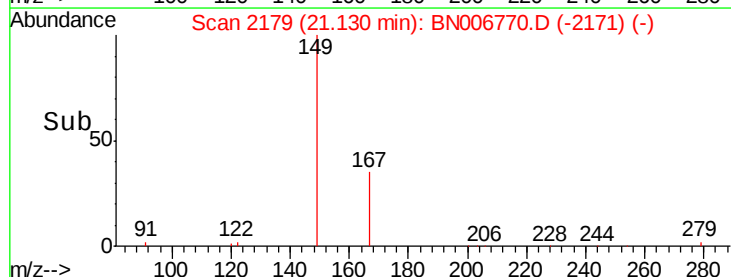
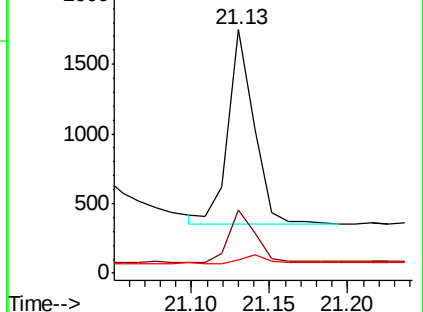
279 4.7 3.7 5.5

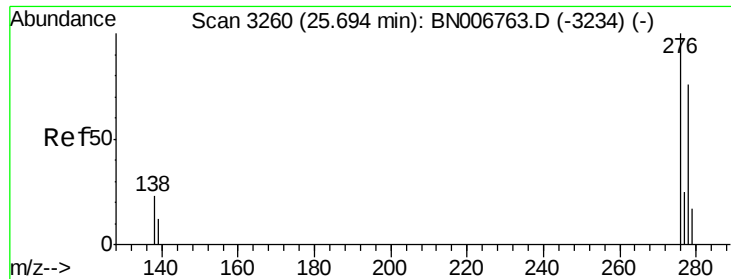


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.128 ng

RT: 25.71 min Scan# 3264

Delta R.T. 0.01 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

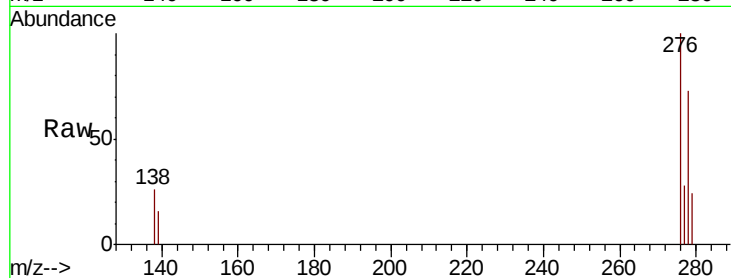
Tgt Ion:276 Resp: 6165

Ion Ratio Lower Upper

276 100

138 22.3 17.9 26.9

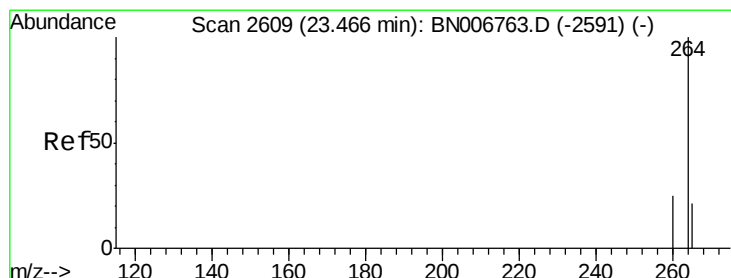
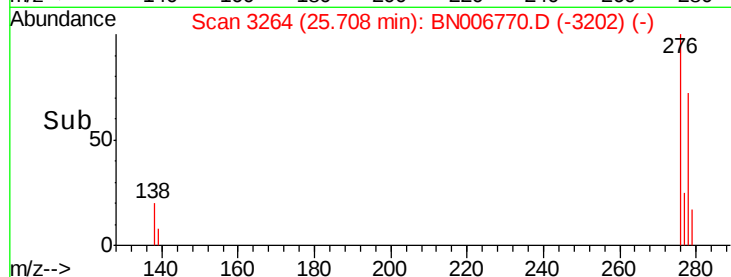
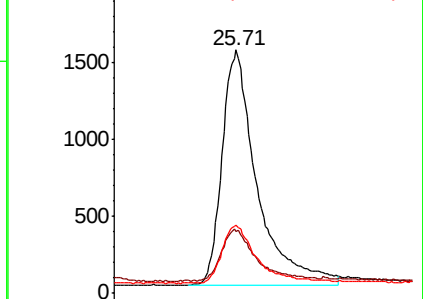
277 24.0 19.8 29.8



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: 23.46 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

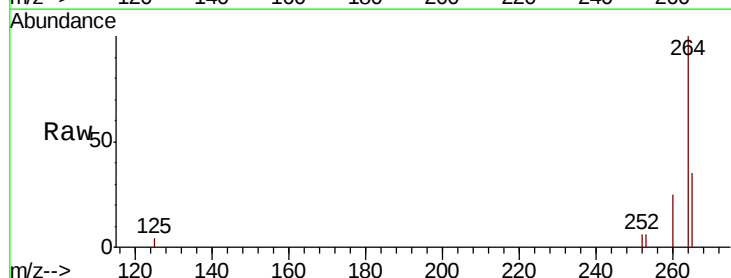
Tgt Ion:264 Resp: 13390

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.4

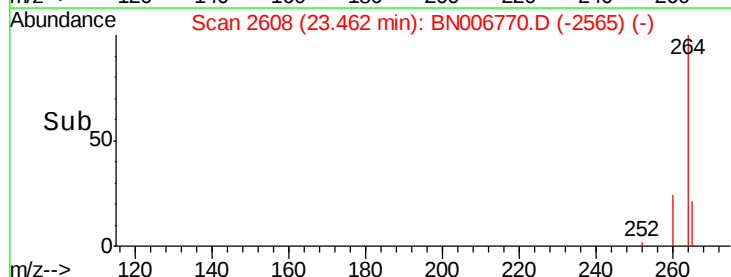
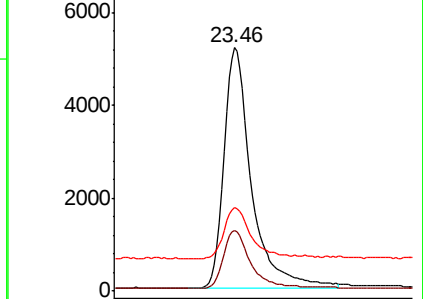
265 34.6 24.6 37.0

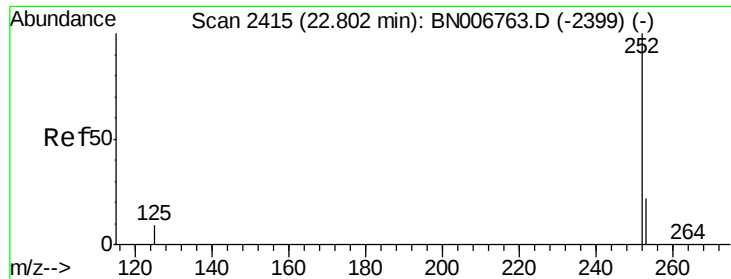


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

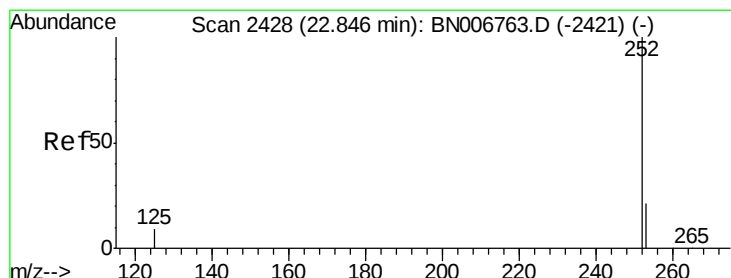
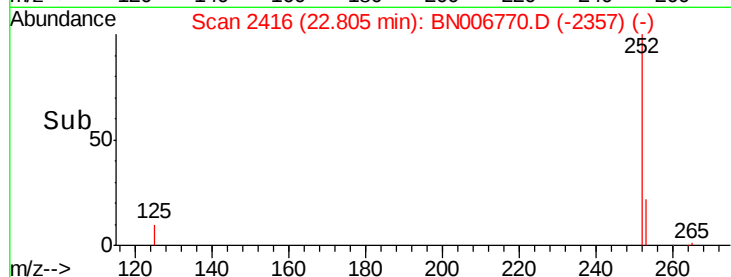
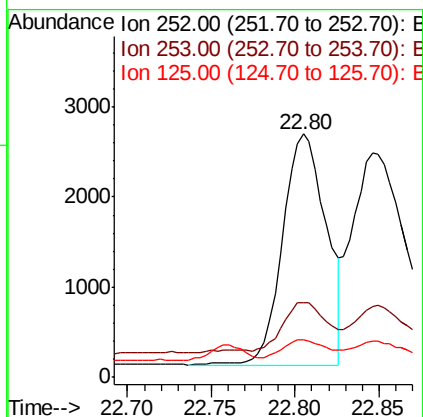
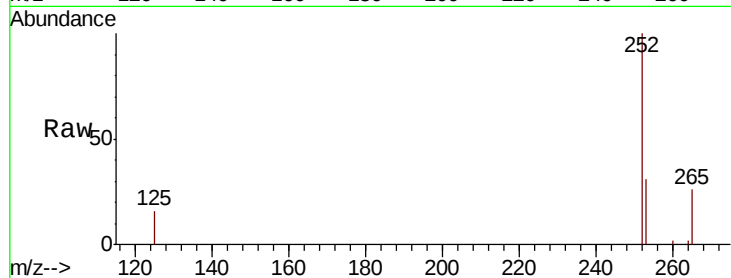




#35
Benzo(b)fluoranthene
Concen: 0.110 ng
RT: 22.80 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BN006770.D
Acq: 09 Jul 2019 17:06

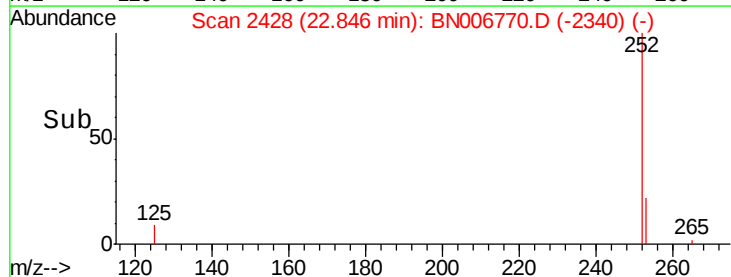
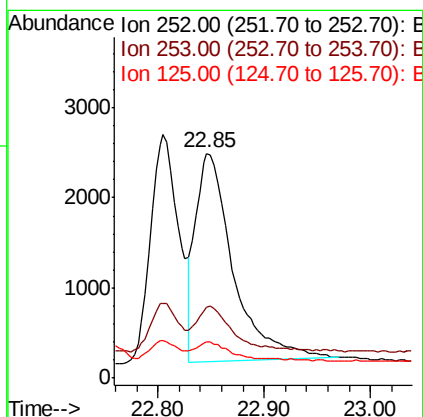
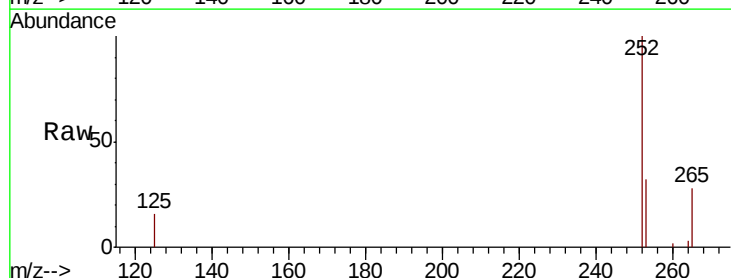
Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

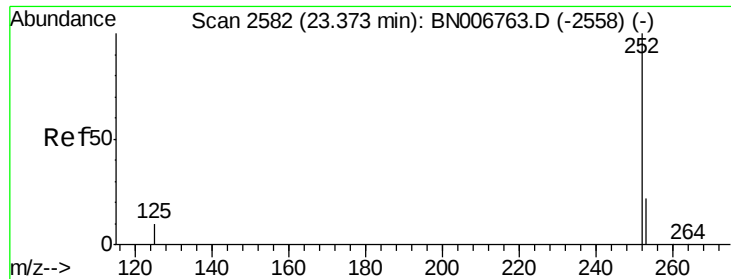
Tgt Ion:252 Resp: 4625
Ion Ratio Lower Upper
252 100
253 30.9 18.9 28.3#
125 15.7 8.5 12.7#



#36
Benzo(k)fluoranthene
Concen: 0.120 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BN006770.D
Acq: 09 Jul 2019 17:06

Tgt Ion:252 Resp: 5655
Ion Ratio Lower Upper
252 100
253 31.6 18.9 28.3#
125 16.1 8.4 12.6#





#37

Benzo(a)pyrene

Concen: 0.125 ng

RT: 23.37 min Scan# 2582

Delta R.T. -0.00 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

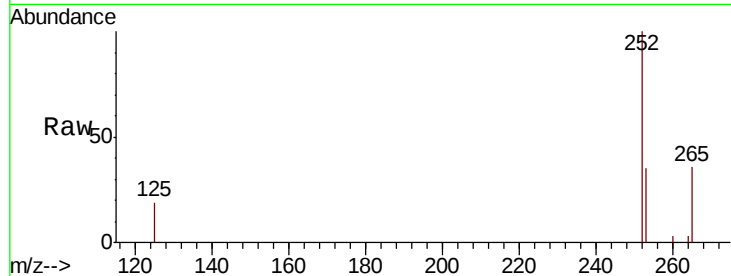
Tgt Ion:252 Resp: 5114

Ion Ratio Lower Upper

252 100

253 35.2 19.5 29.3#

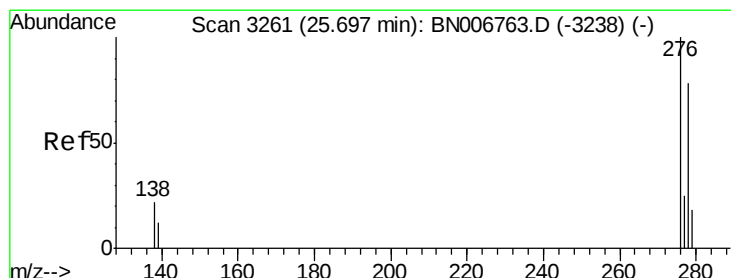
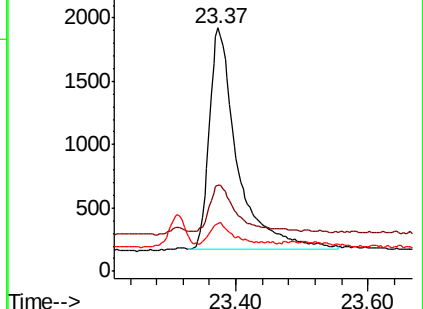
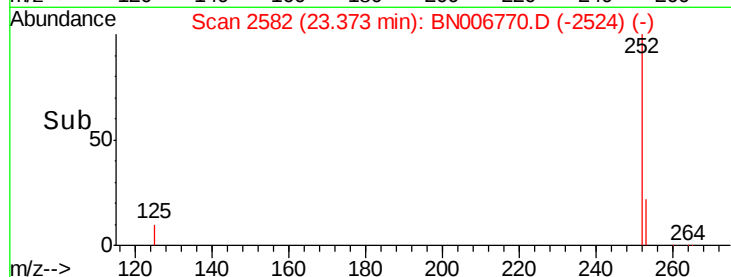
125 19.4 9.5 14.3#



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: 0.119 ng

RT: 25.71 min Scan# 3265

Delta R.T. 0.01 min

Lab File: BN006770.D

Acq: 09 Jul 2019 17:06

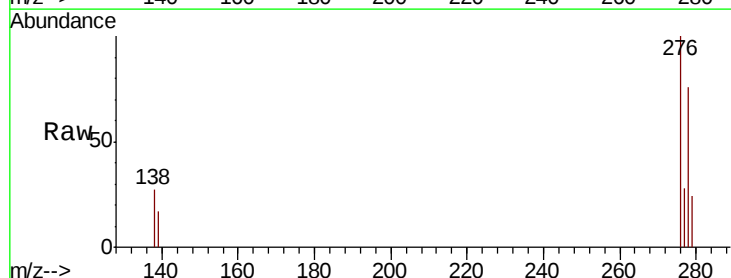
Tgt Ion:278 Resp: 4884

Ion Ratio Lower Upper

278 100

139 21.7 13.1 19.7#

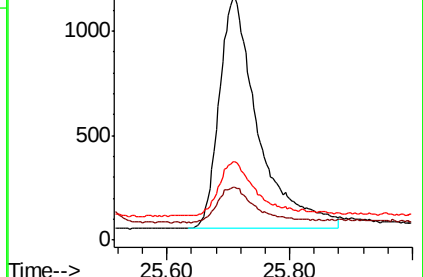
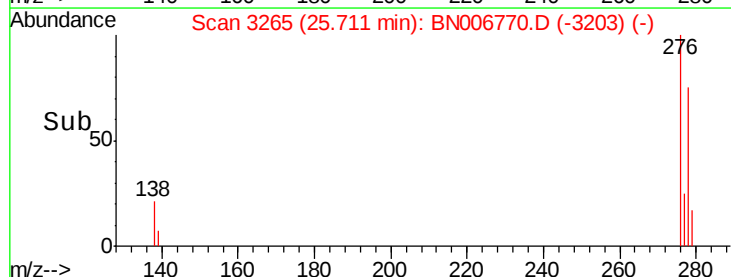
279 32.0 20.2 30.4#

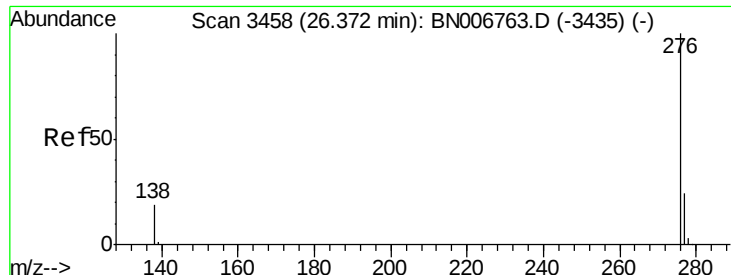


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.132 ng

RT: 26.38 min Scan# 3461

Delta R.T. 0.01 min

Lab File: BN006770.D

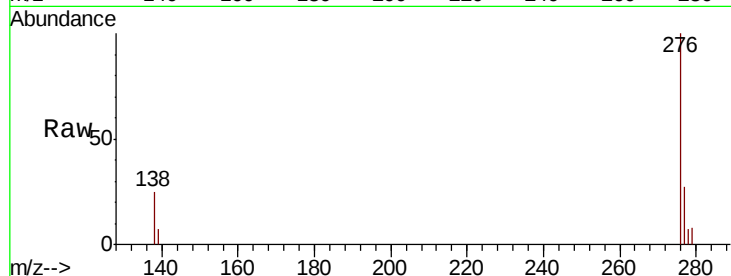
Acq: 09 Jul 2019 17:06

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019



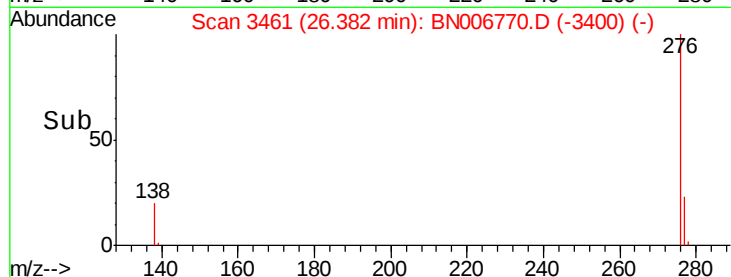
Tgt Ion: 276 Resp: 5668

Ion Ratio Lower Upper

276 100

277 26.9 19.4 29.2

138 24.8 16.2 24.4#



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

