

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100486.D
 Acq On : 22 Jul 2019 18:51
 Operator : HP/JU
 Sample : K2241-09
 Misc : MDL-W-0.PPM
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 23 08:07:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:01:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2134	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	8796	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5697	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	14905	0.40	ng	0.00
27) Chrysene-d12	21.38	240	17329	0.40	ng	0.00
34) Perylene-d12	23.86	264	18344	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	2500	0.48	ng	0.00
5) Phenol-d6	7.02	99	3394	0.46	ng	0.00
8) Nitrobenzene-d5	9.02	82	2596	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	5876	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1000	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	8591	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	83683	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	16384	0.38	ng	0.00

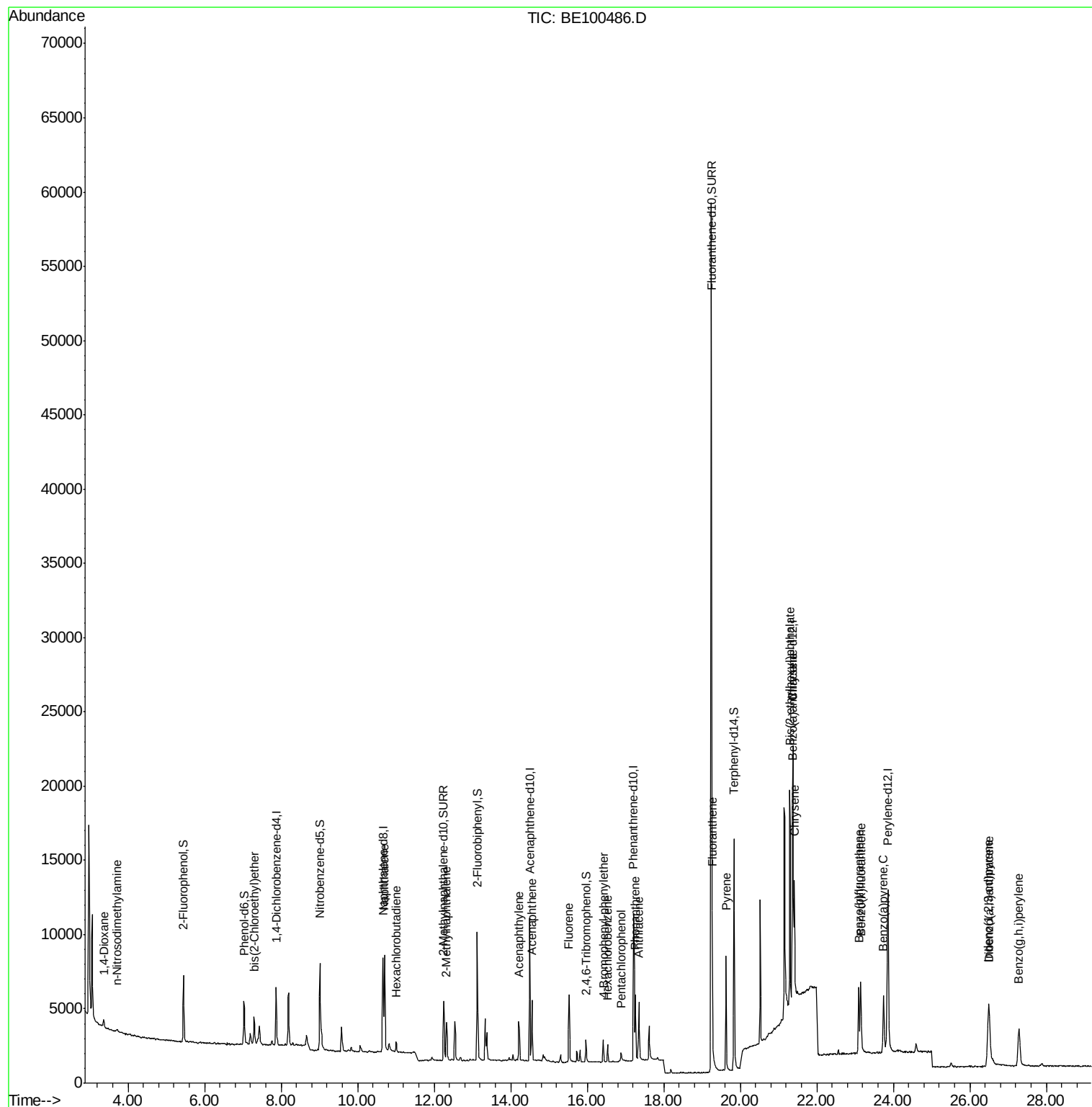
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	513	0.160	ng	# 91
3) n-Nitrosodimethylamine	3.71	42	169	0.087	ng	# 35
6) bis(2-Chloroethyl)ether	7.29	93	862	0.135	ng	94
9) Naphthalene	10.71	128	11636	0.138	ng	# 98
10) Hexachlorobutadiene	11.00	225	537	0.133	ng	93
12) 2-Methylnaphthalene	12.32	142	2075	0.137	ng	97
16) Acenaphthylene	14.21	152	3560	0.135	ng	99
17) Acenaphthene	14.56	154	2080	0.131	ng	99
18) Fluorene	15.53	166	2781	0.132	ng	98
20) 4-Bromophenyl-phenylether	16.43	248	917	0.129	ng	99
21) Hexachlorobenzene	16.53	284	976	0.134	ng	97
22) Pentachlorophenol	16.88	266	577	0.188	ng	96
23) Phenanthrene	17.26	178	4854	0.133	ng	98
24) Anthracene	17.35	178	4506	0.130	ng	100
26) Fluoranthene	19.27	202	7298	0.139	ng	99
28) Pyrene	19.63	202	7585	0.140	ng	99
30) Benzo(a)anthracene	21.37	228	7055	0.133	ng	95
31) Chrysene	21.41	228	7053	0.135	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	17090	0.141	ng	99
33) Indeno(1,2,3-cd)pyrene	26.48	276	7855	0.138	ng	# 76
35) Benzo(b)fluoranthene	23.10	252	6635	0.132	ng	# 86
36) Benzo(k)fluoranthene	23.15	252	7697	0.146	ng	# 84
37) Benzo(a)pyrene	23.74	252	7160	0.147	ng	# 84
38) Dibenzo(a,h)anthracene	26.51	278	6007	0.130	ng	# 86
39) Benzo(g,h,i)perylene	27.28	276	6733	0.143	ng	93

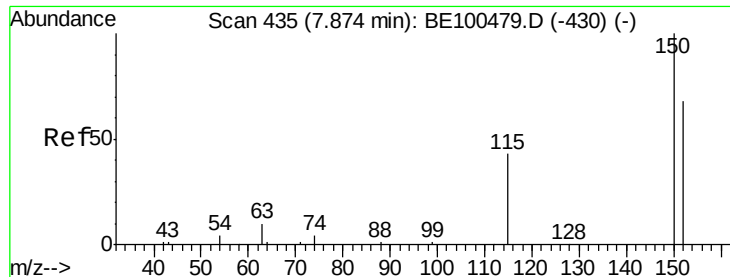
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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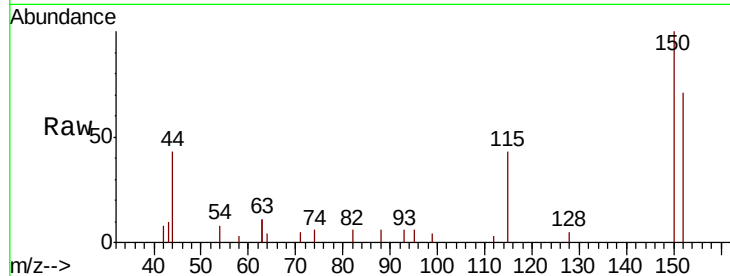


#1

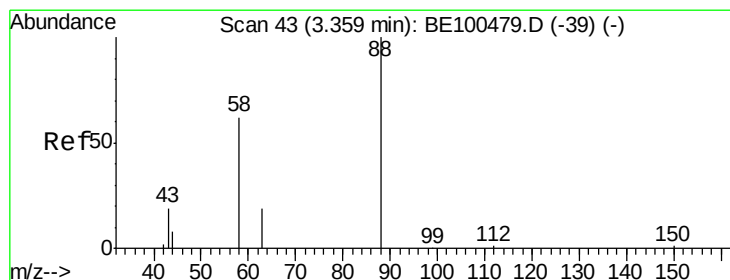
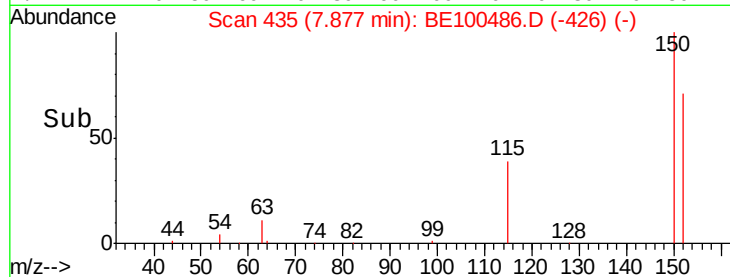
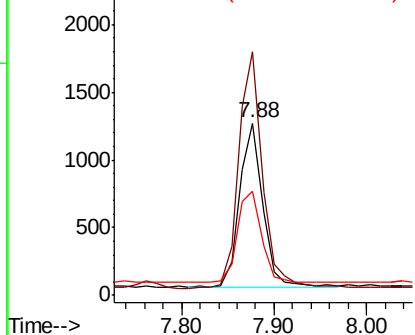
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

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

Tot Ion:152 Resp: 2134
Ion Ratio Lower Upper
152 100
150 141.1 115.0 172.6
115 60.2 52.9 79.3



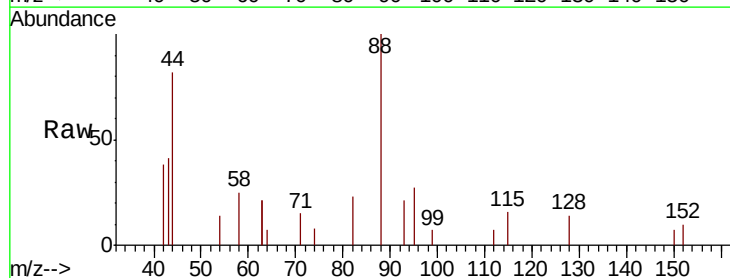
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



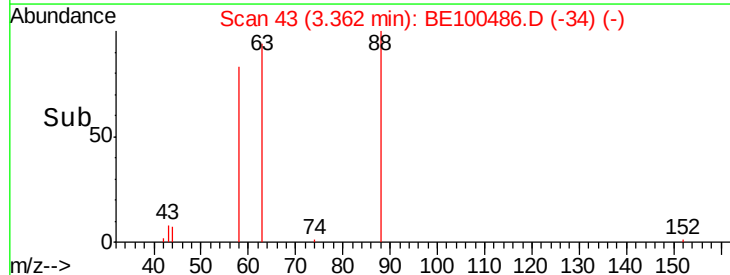
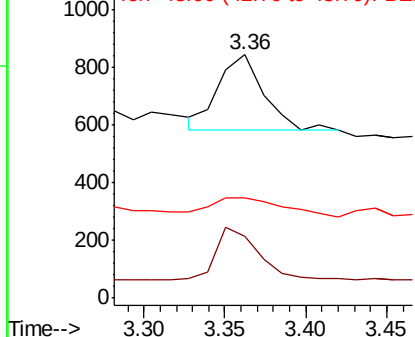
#2

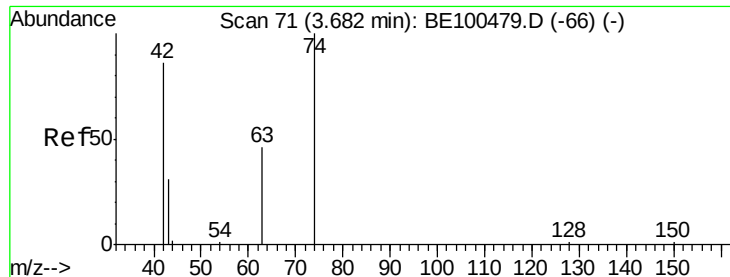
1,4-Dioxane
Concen: 0.160 ng
RT: 3.36 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

Tgt Ion: 88 Resp: 513
Ion Ratio Lower Upper
88 100
58 65.7 53.2 79.8
43 41.7 20.8 31.2#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.087 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.03 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

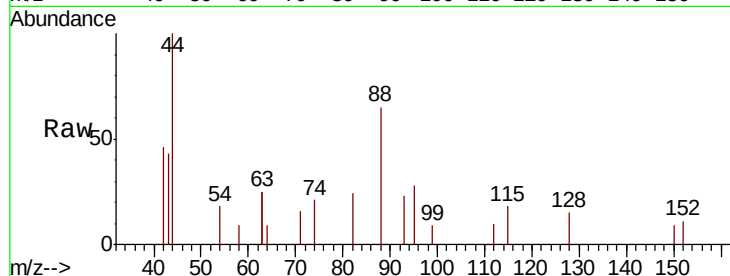
Tot Ion: 42 Resp: 169

Ion Ratio Lower Upper

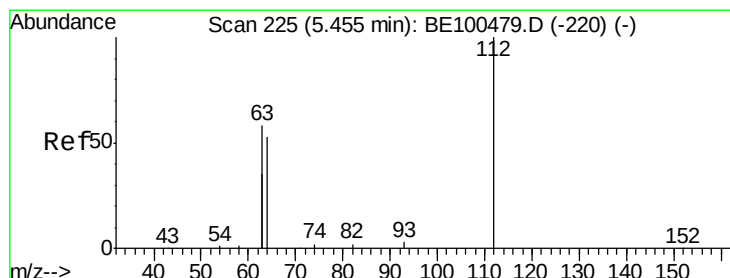
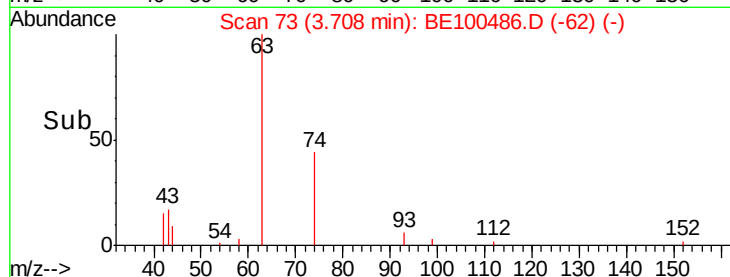
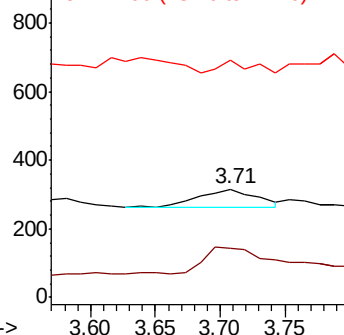
42 100

74 147.3 0.0 0.0#

44 37.3 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.480 ng

RT: 5.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

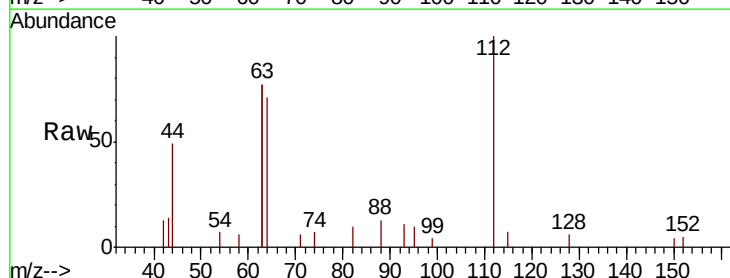
Tgt Ion: 112 Resp: 2500

Ion Ratio Lower Upper

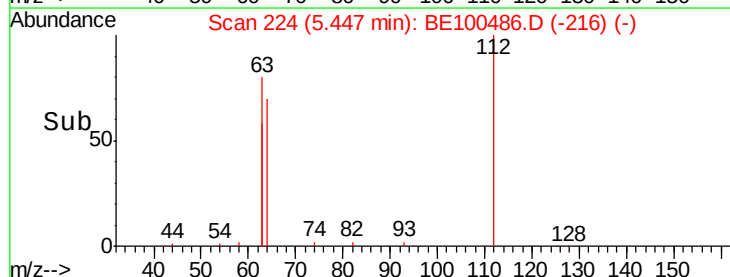
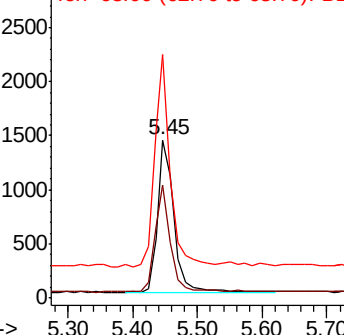
112 100

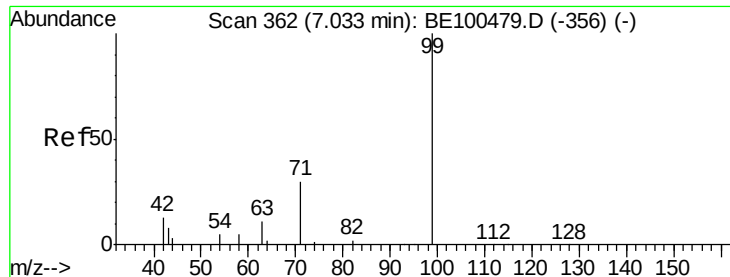
64 65.4 54.1 81.1

63 132.0 104.6 157.0



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.456 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.01 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

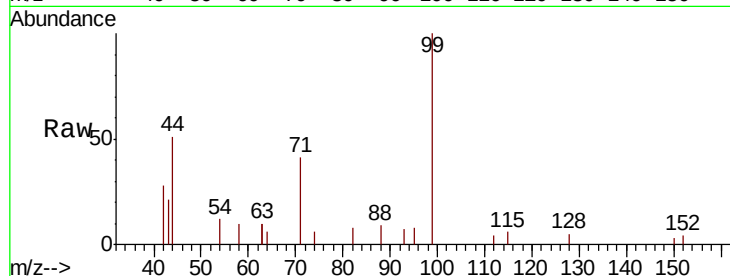
Tot Ion: 99 Resp: 3394

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

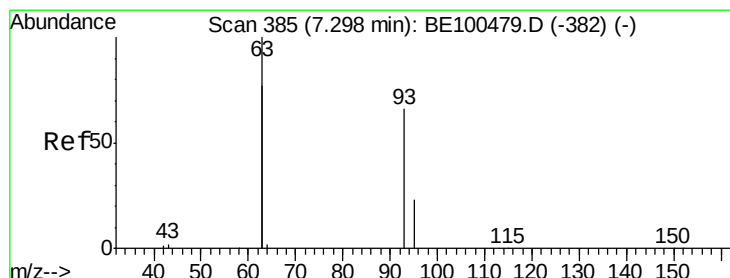
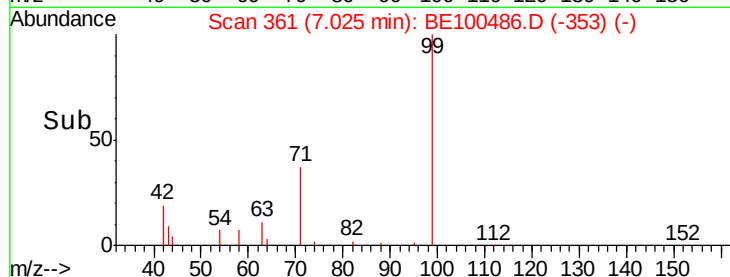
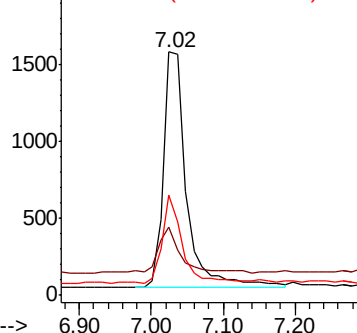
71 31.1 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.135 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

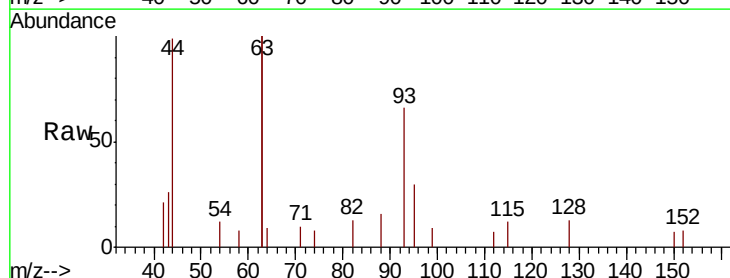
Tgt Ion: 93 Resp: 862

Ion Ratio Lower Upper

93 100

63 298.7 248.3 372.5

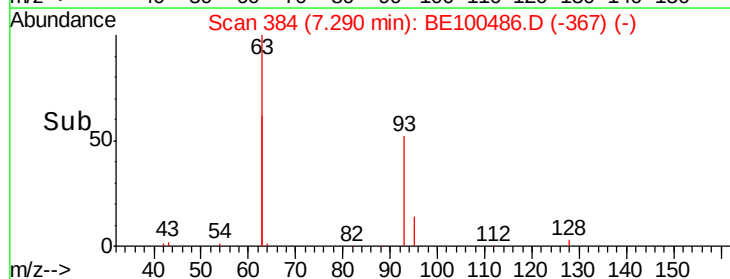
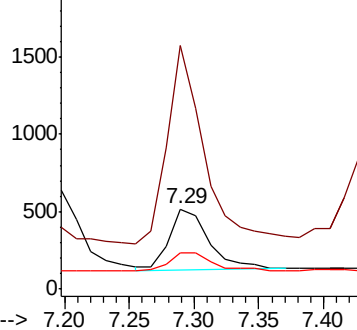
95 33.8 25.4 38.0

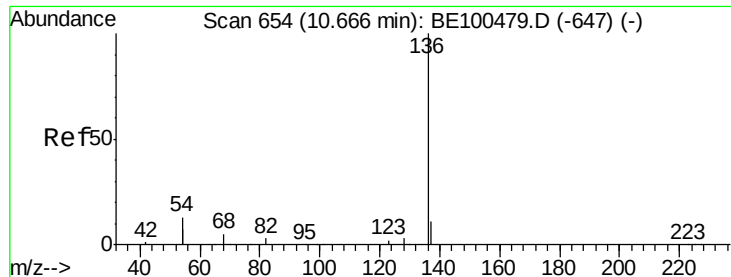


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:136 Resp: 8796

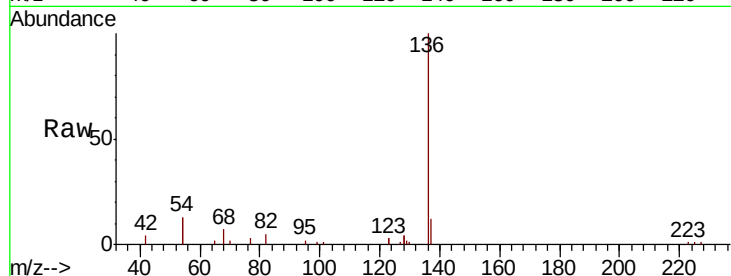
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.6

54 26.4 20.6 31.0

68 6.9 5.3 7.9

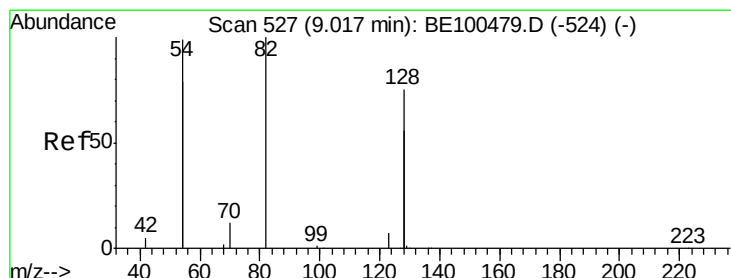
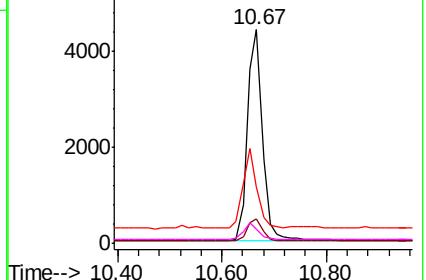
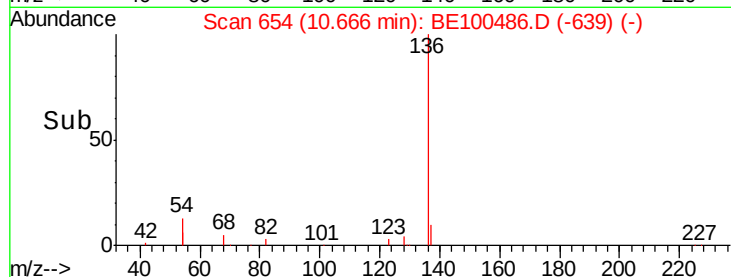


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.355 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

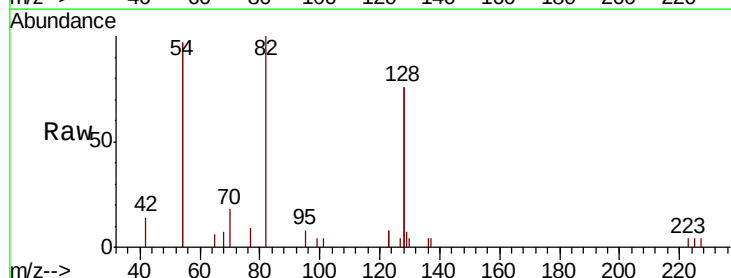
Tgt Ion: 82 Resp: 2596

Ion Ratio Lower Upper

82 100

128 151.5 113.6 170.4

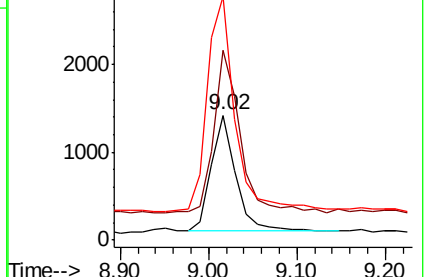
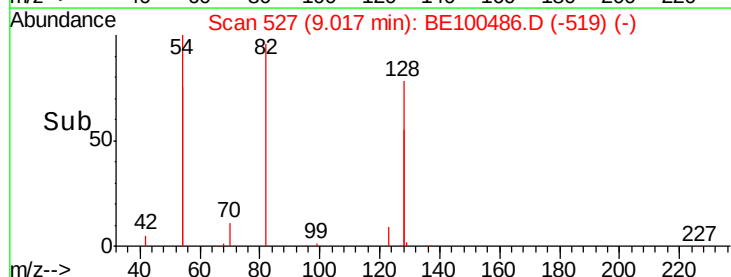
54 194.7 150.6 226.0

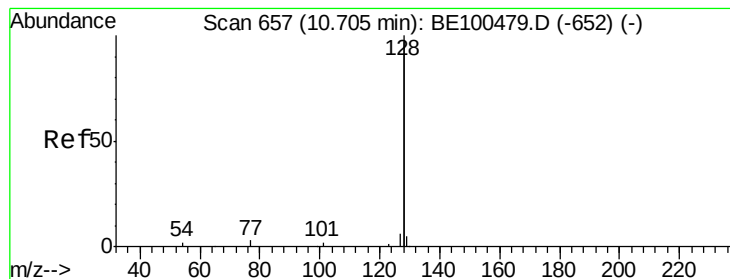


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.138 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100486.D

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ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

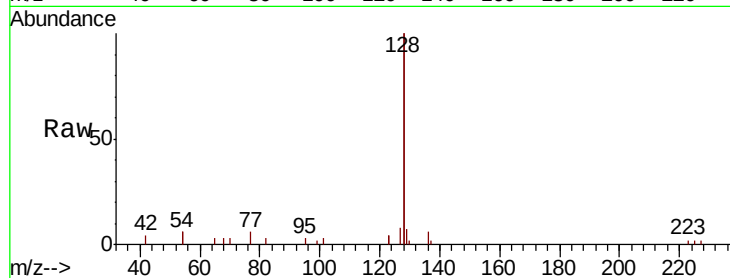
Tot Ion:128 Resp: 11636

Ion Ratio Lower Upper

128 100

129 3.7 2.3 3.5#

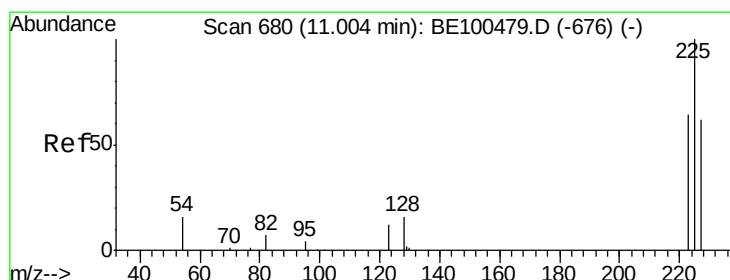
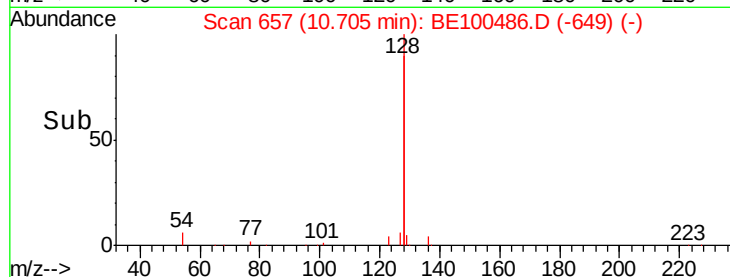
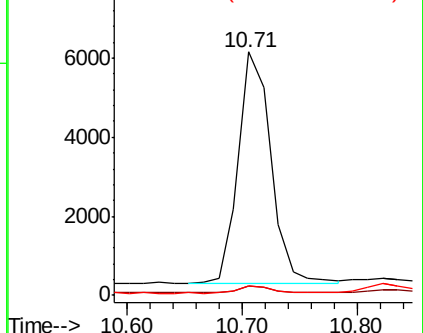
127 4.1 2.7 4.1#



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: 0.133 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

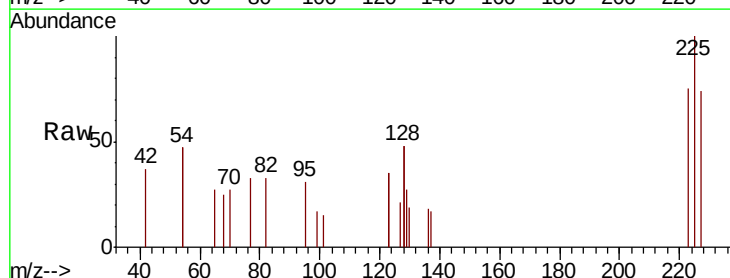
Tgt Ion:225 Resp: 537

Ion Ratio Lower Upper

225 100

223 68.0 49.4 74.0

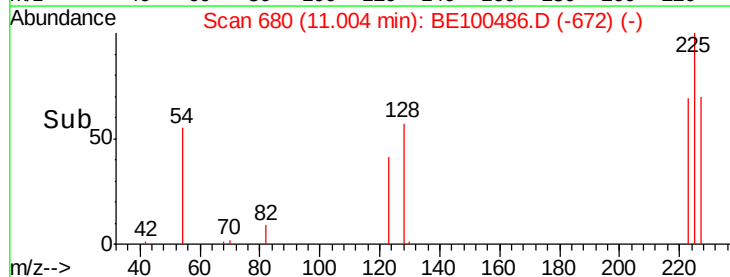
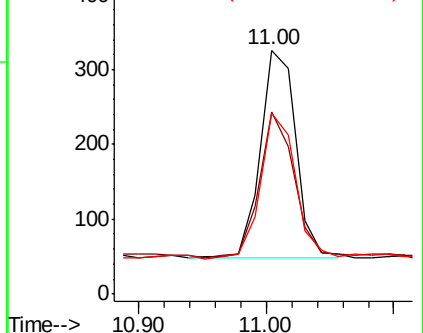
227 69.5 51.4 77.2

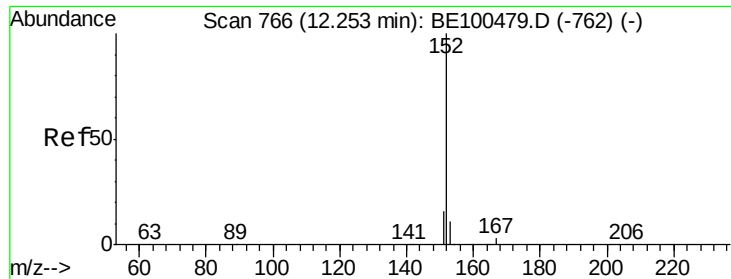


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

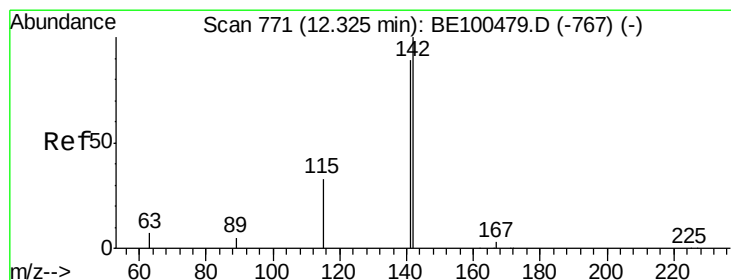
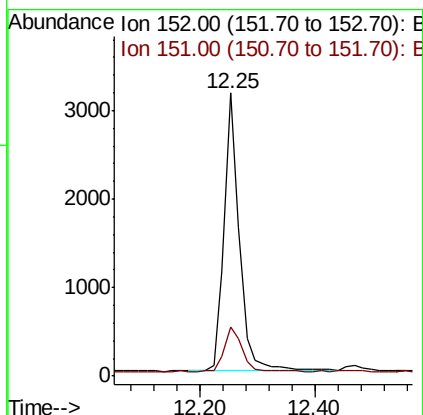
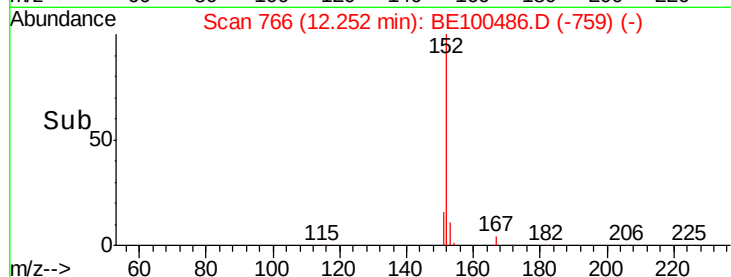
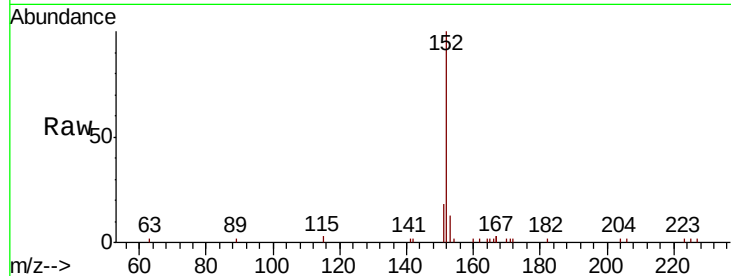




#11
 2-Methylnaphthalene-d10
 Concen: 0.403 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BE100486.D
 Acq: 22 Jul 2019 18:51

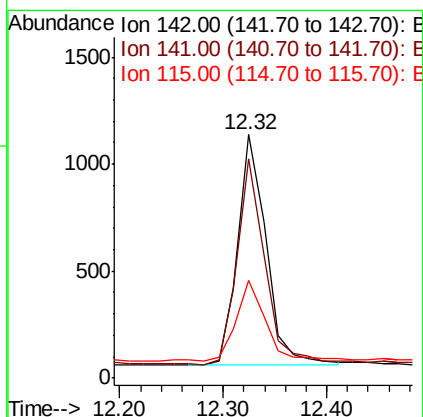
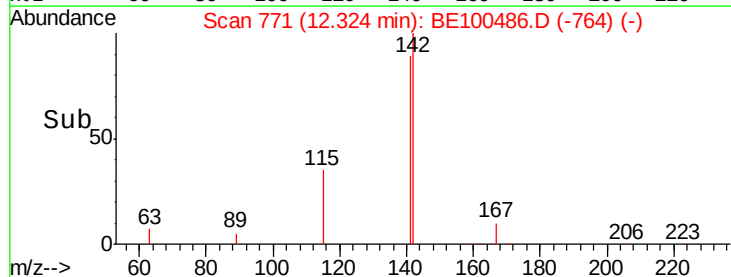
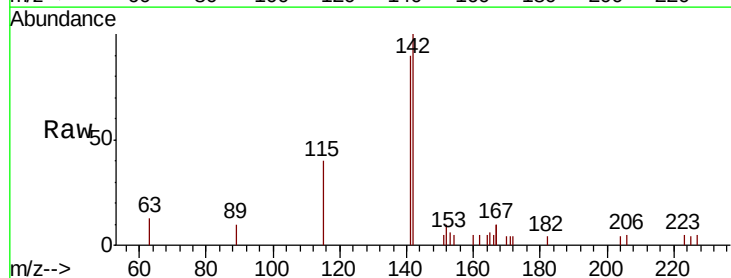
Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

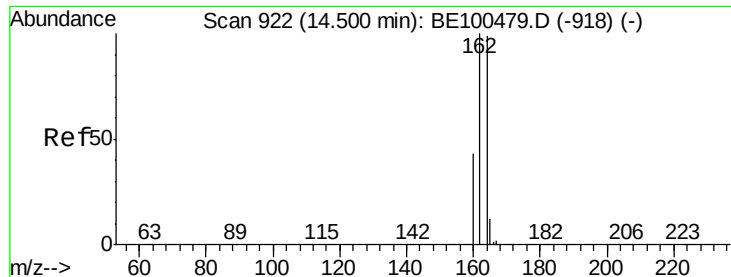
Tot Ion:152 Resp: 5876
 Ion Ratio Lower Upper
 152 100
 151 18.4 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.137 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BE100486.D
 Acq: 22 Jul 2019 18:51

Tgt Ion:142 Resp: 2075
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.7 107.5
 115 40.0 27.8 41.6

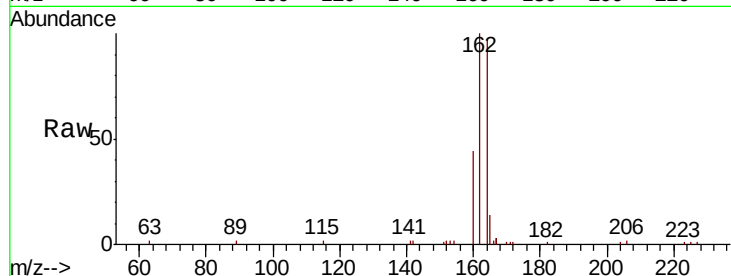




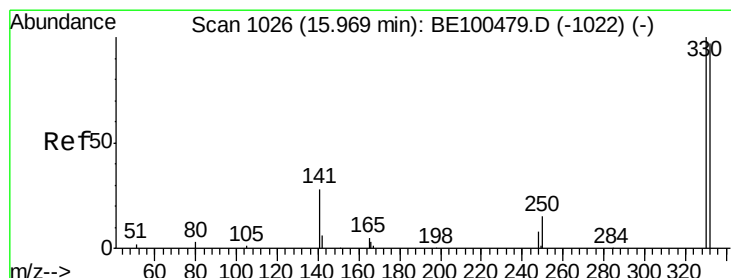
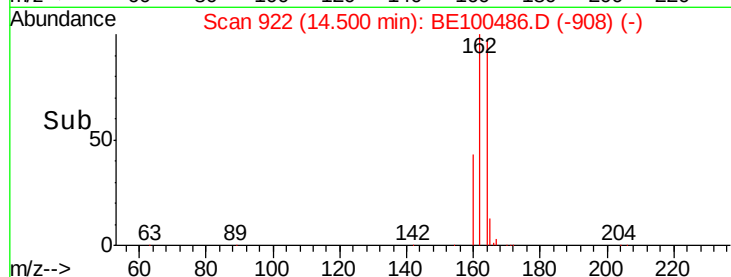
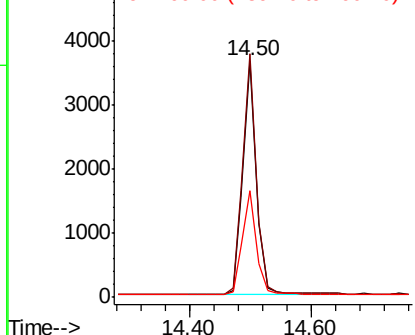
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

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

Tot Ion:164 Resp: 5697
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.2 34.9 52.3

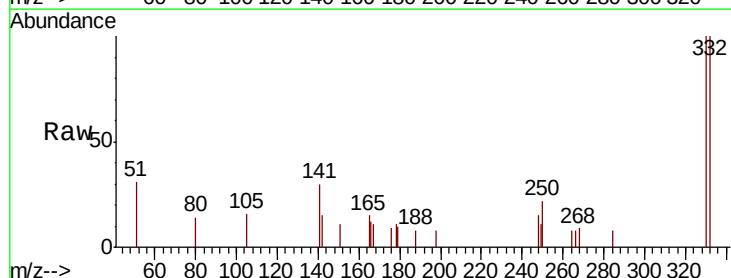


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

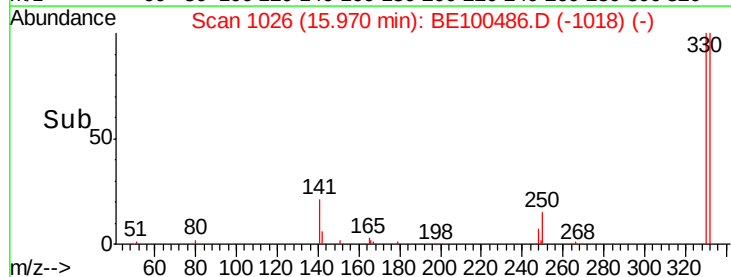
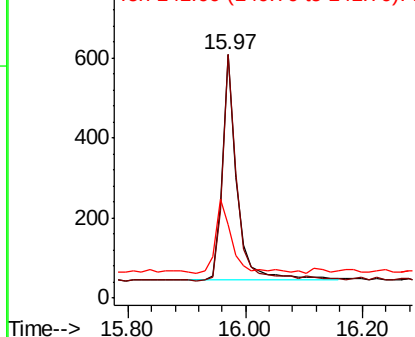


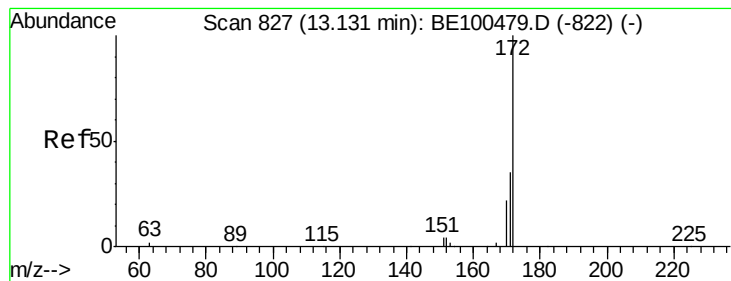
#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

Tgt Ion:330 Resp: 1000
Ion Ratio Lower Upper
330 100
332 99.4 80.5 120.7
141 35.4 29.9 44.9



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

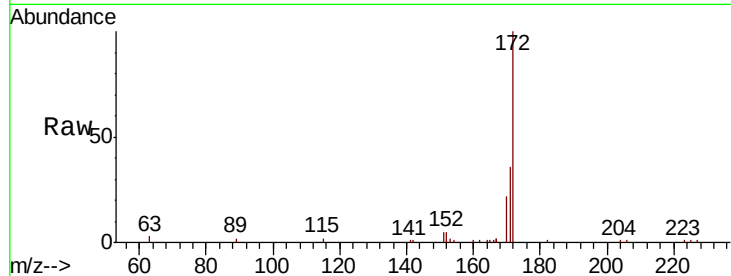




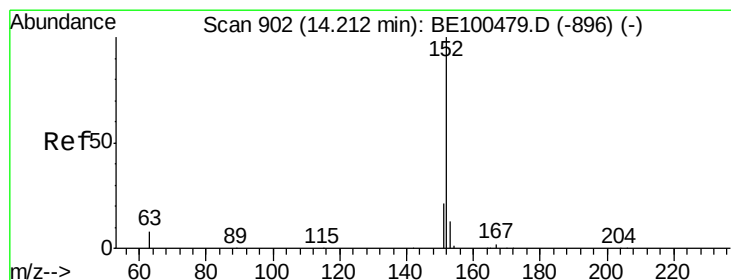
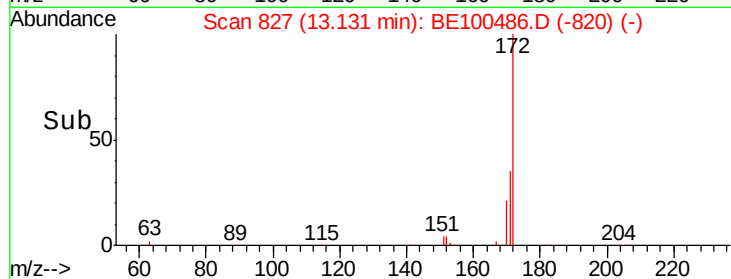
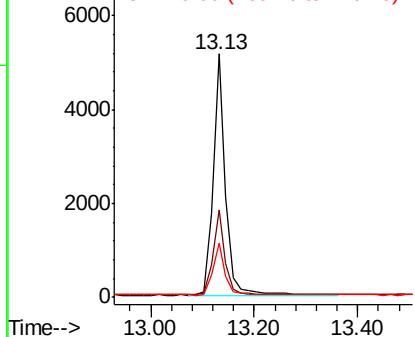
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

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

Tot Ion:172 Resp: 8591
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 22.3 17.8 26.8

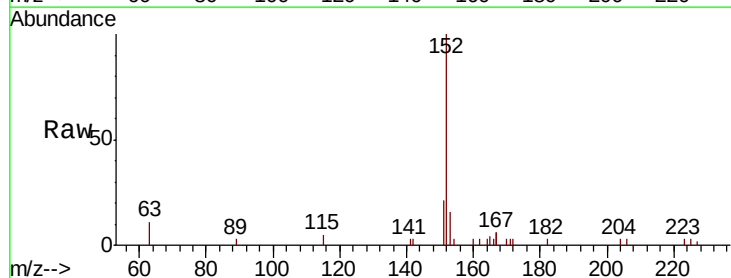


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

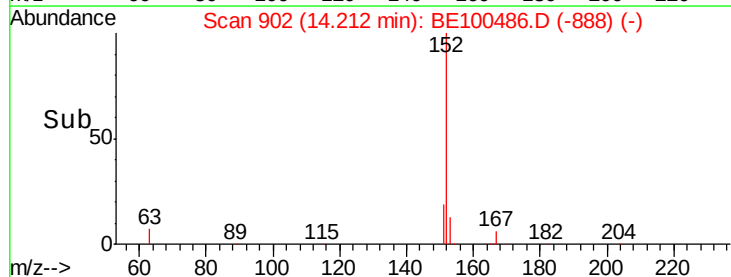
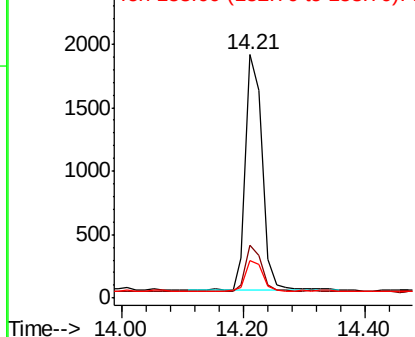


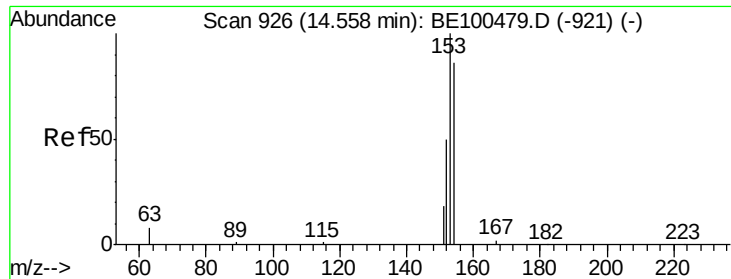
#16
Acenaphthylene
Concen: 0.135 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

Tgt Ion:152 Resp: 3560
Ion Ratio Lower Upper
152 100
151 19.2 16.1 24.1
153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

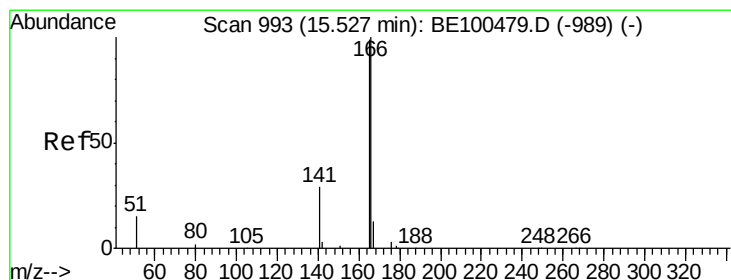
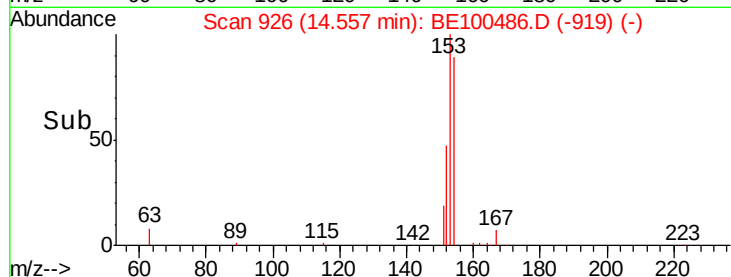
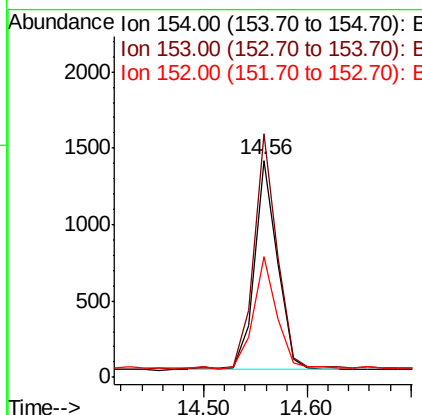
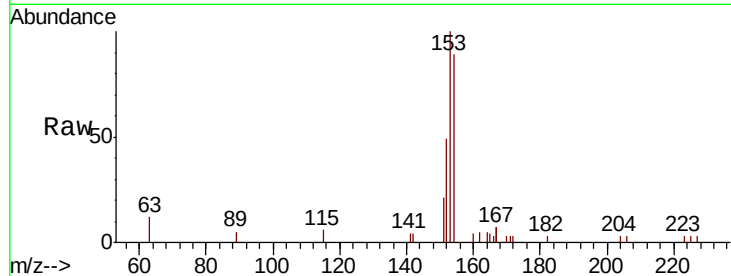




#17
Acenaphthene
Concen: 0.131 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

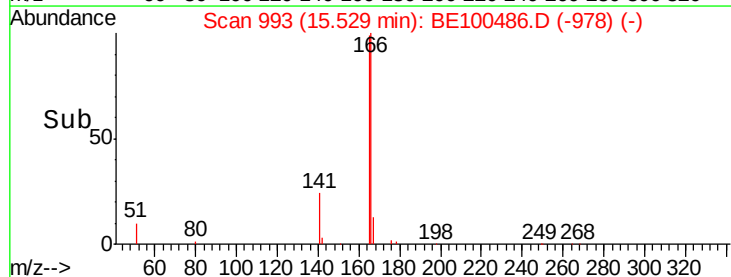
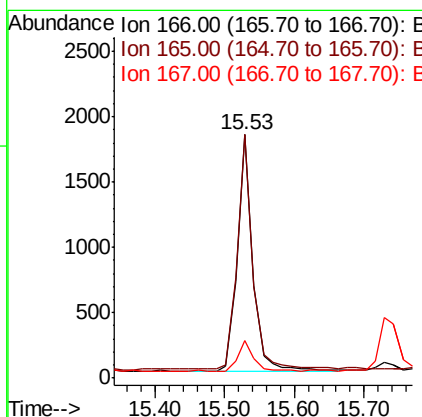
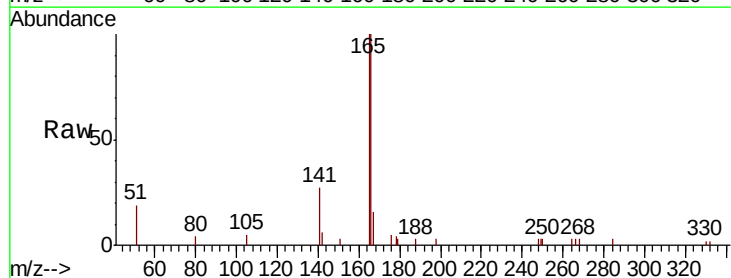
Instrument :
BNA_E
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

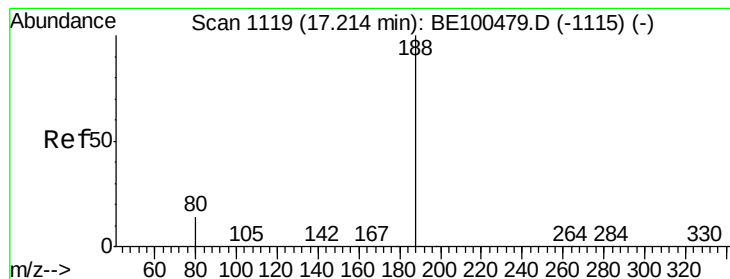
Tot Ion:154 Resp: 2080
Ion Ratio Lower Upper
154 100
153 114.6 90.8 136.2
152 55.9 45.1 67.7



#18
Fluorene
Concen: 0.132 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

Tgt Ion:166 Resp: 2781
Ion Ratio Lower Upper
166 100
165 100.0 78.3 117.5
167 13.7 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

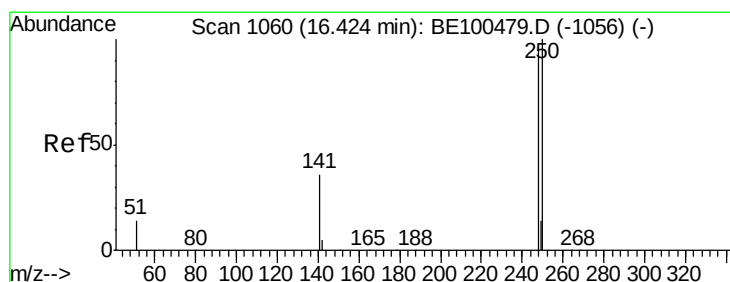
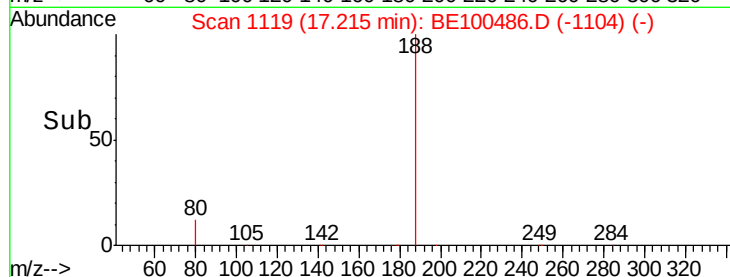
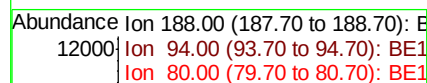
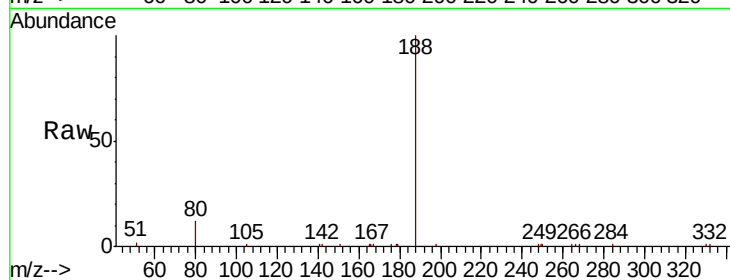
Tot Ion:188 Resp: 14905

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 11.9 17.9



#20

4-Bromophenyl-phenylether

Concen: 0.129 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

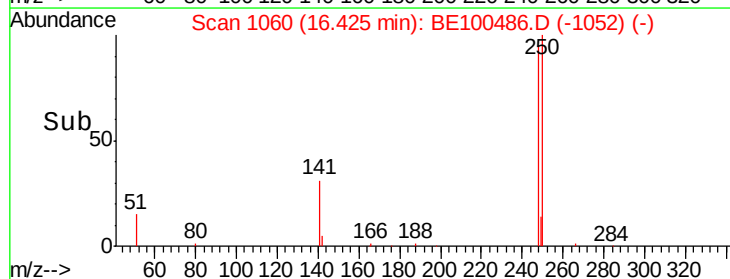
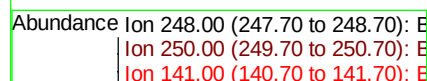
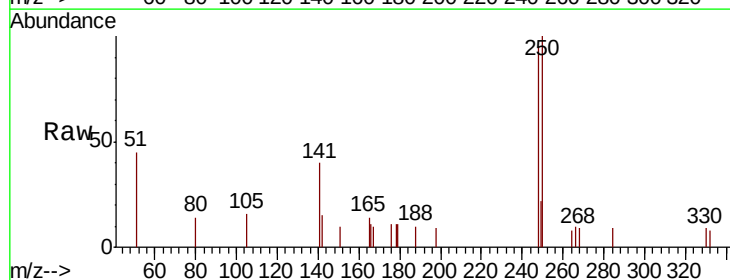
Tgt Ion:248 Resp: 917

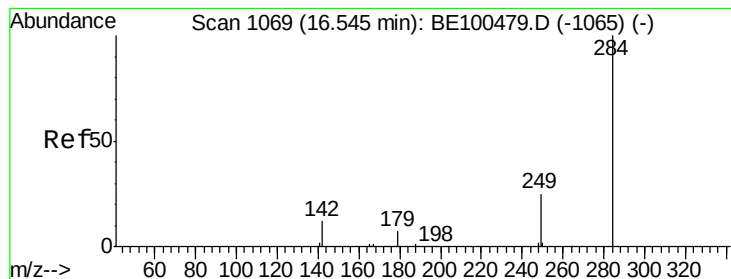
Ion Ratio Lower Upper

248 100

250 105.3 84.4 126.6

141 42.4 32.2 48.2





#21

Hexachlorobenzene

Concen: 0.134 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

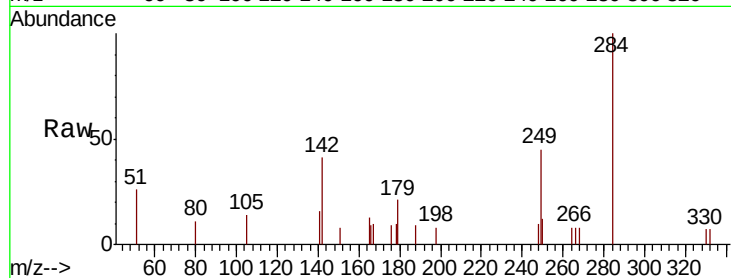
Tot Ion:284 Resp: 976

Ion Ratio Lower Upper

284 100

142 33.2 26.7 40.1

249 34.4 25.0 37.4



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

16.53

600

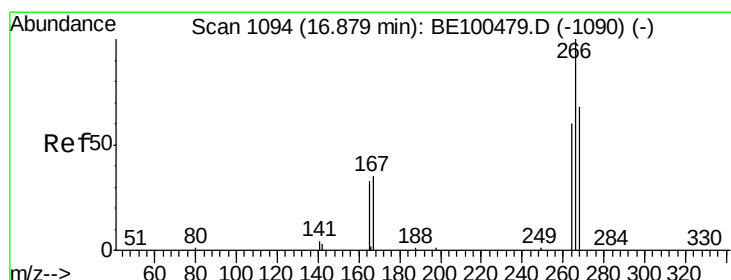
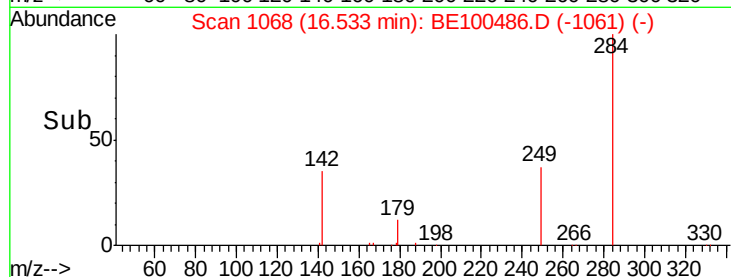
400

200

0

16.50 16.55

Time-->



#22

Pentachlorophenol

Concen: 0.188 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

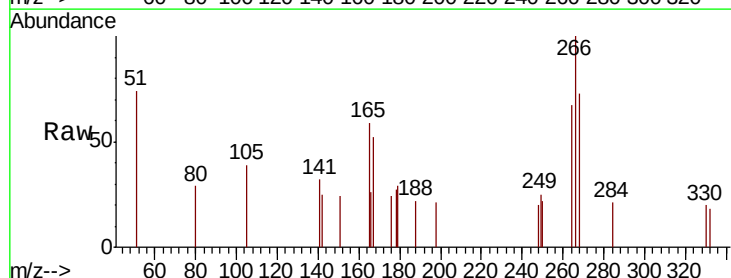
Tgt Ion:266 Resp: 577

Ion Ratio Lower Upper

266 100

264 67.1 50.4 75.6

268 72.9 56.6 85.0



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

16.88

300

250

200

150

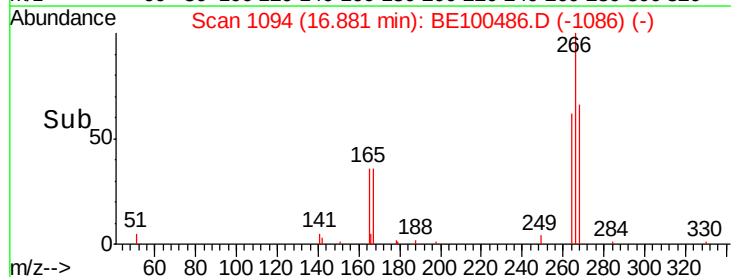
100

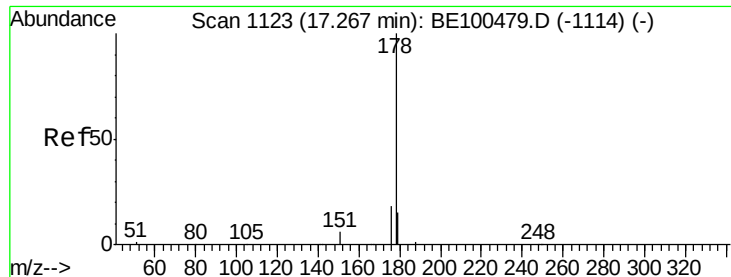
50

0

16.80 16.90 17.00

Time-->

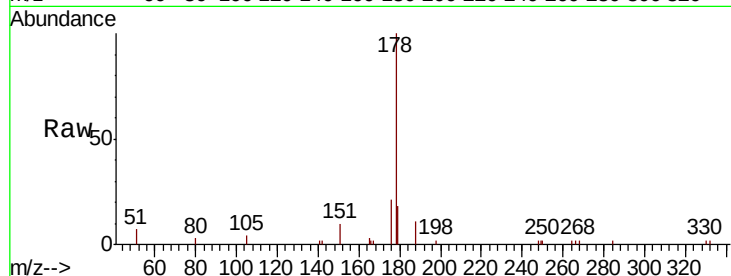




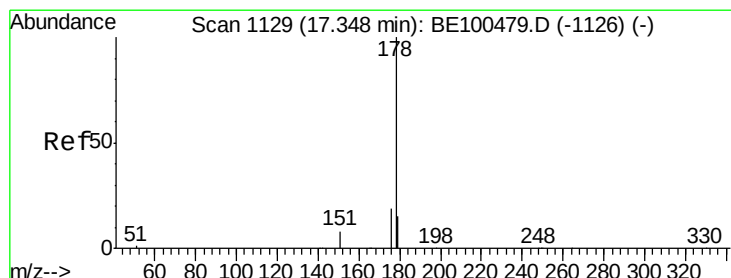
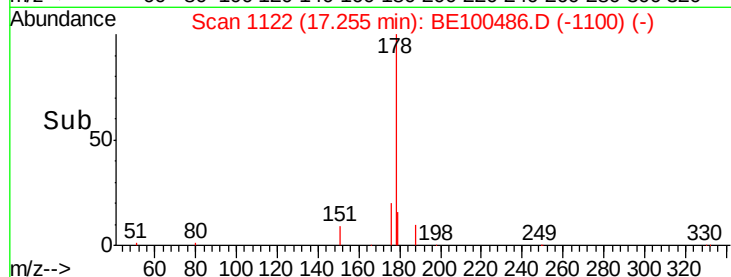
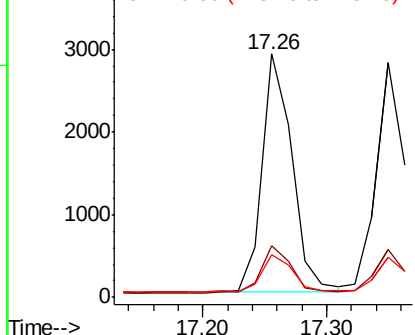
#23
Phenanthrene
Concen: 0.133 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

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

Tot Ion:178 Resp: 4854
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 17.2 12.6 18.8

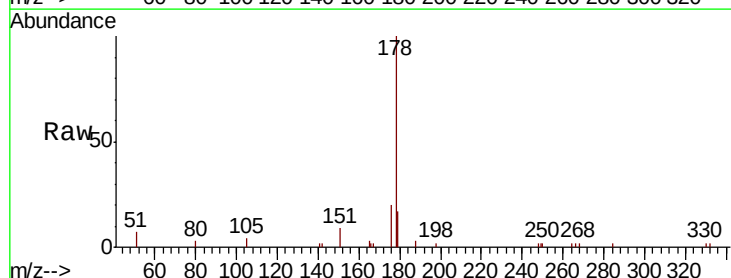


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

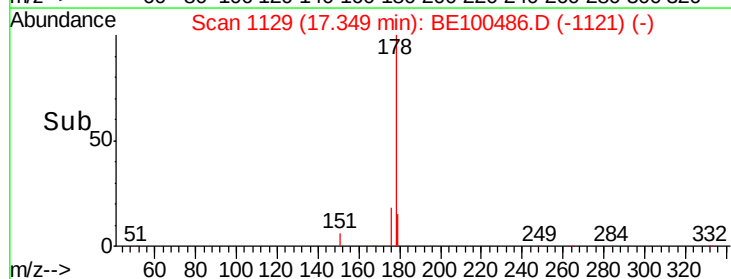
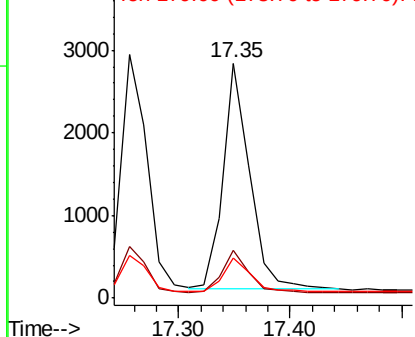


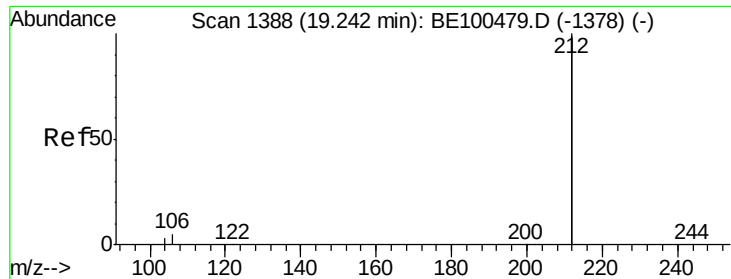
#24
Anthracene
Concen: 0.130 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

Tgt Ion:178 Resp: 4506
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.1 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





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

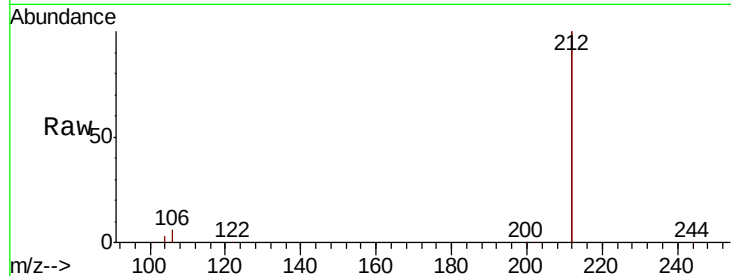
Tot Ion:212 Resp: 83683

Ion Ratio Lower Upper

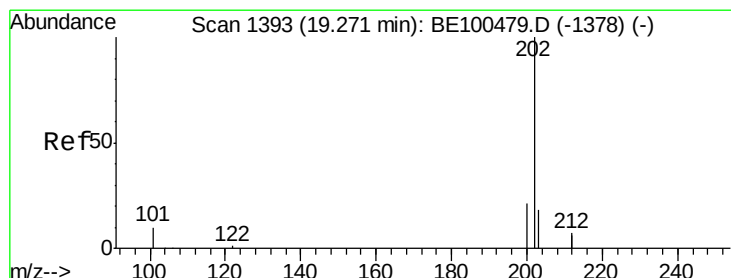
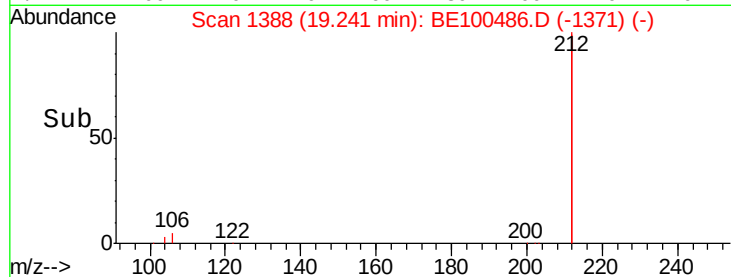
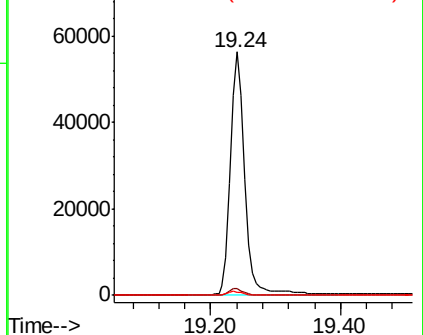
212 100

106 2.8 2.2 3.4

104 1.5 1.2 1.8



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: 0.139 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

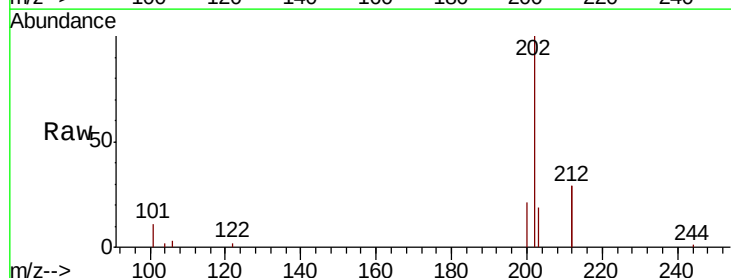
Tgt Ion:202 Resp: 7298

Ion Ratio Lower Upper

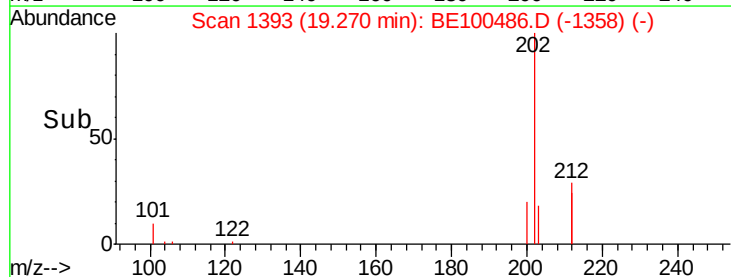
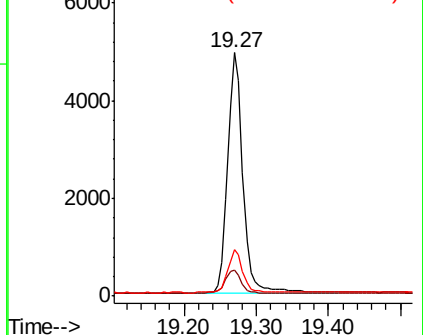
202 100

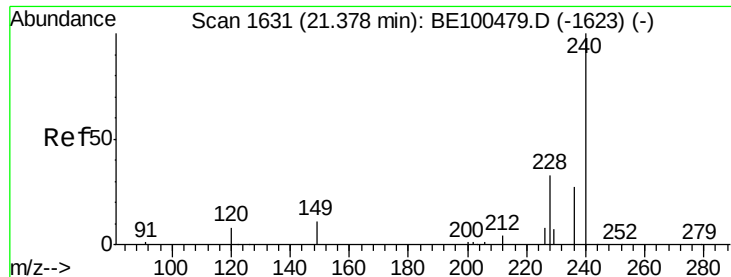
101 10.5 8.0 12.0

203 17.1 13.5 20.3



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

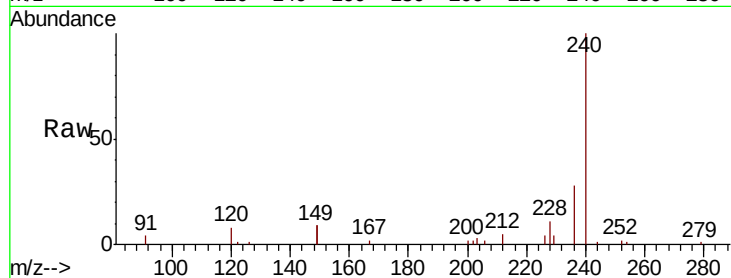




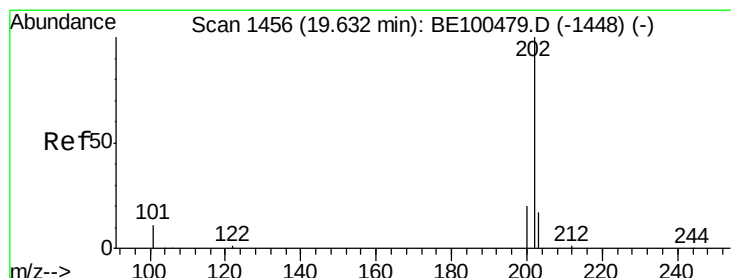
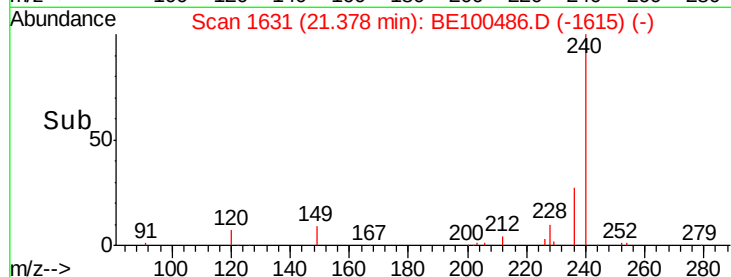
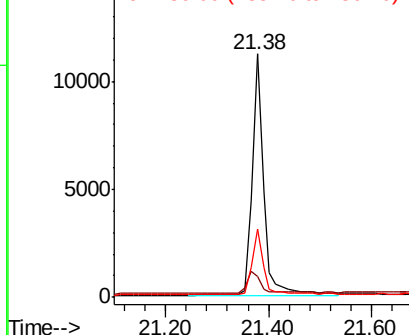
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

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

Tot Ion:240 Resp: 17329
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.2
236 28.0 22.6 34.0

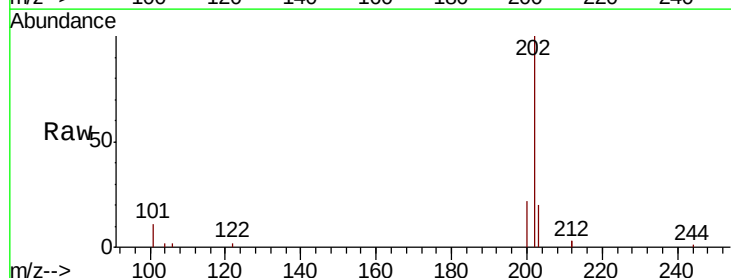


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

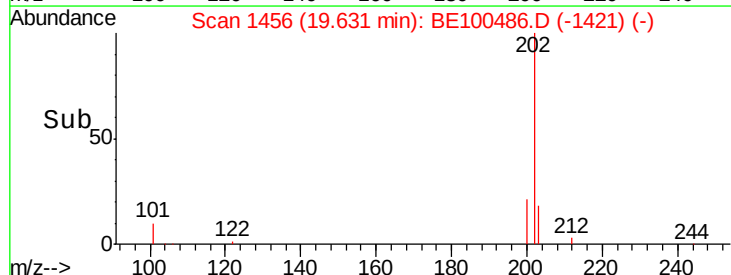
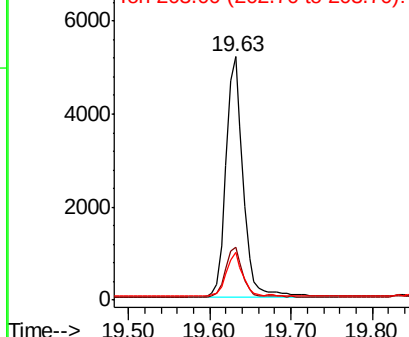


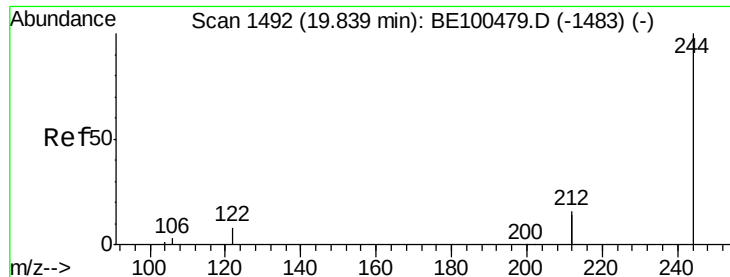
#28
Pyrene
Concen: 0.140 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

Tgt Ion:202 Resp: 7585
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 18.4 14.1 21.1



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: 0.383 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

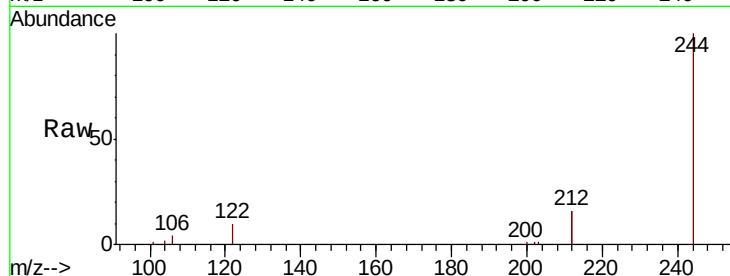
Tot Ion:244 Resp: 16384

Ion Ratio Lower Upper

244 100

212 31.9 25.6 38.4

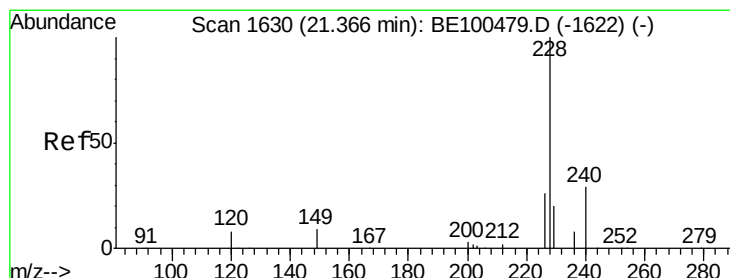
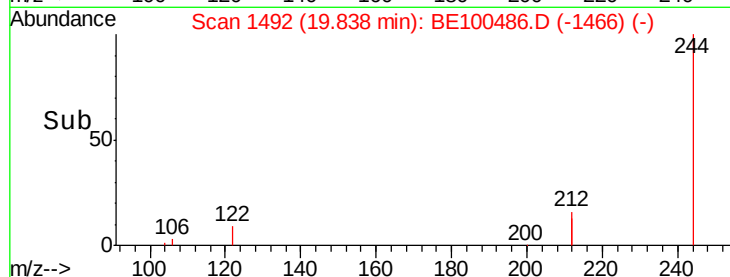
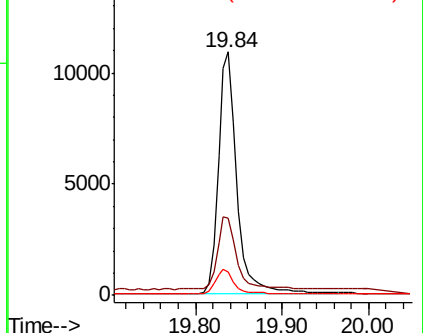
122 9.7 7.2 10.8



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: 0.133 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

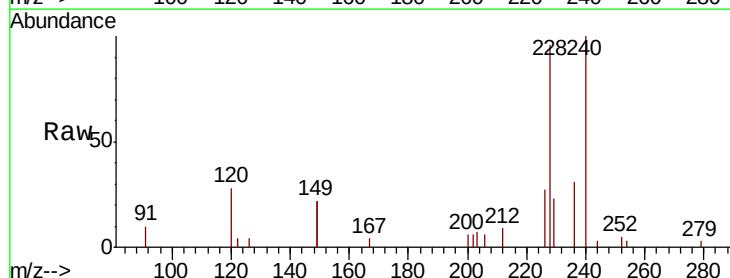
Tgt Ion:228 Resp: 7055

Ion Ratio Lower Upper

228 100

226 28.7 21.4 32.2

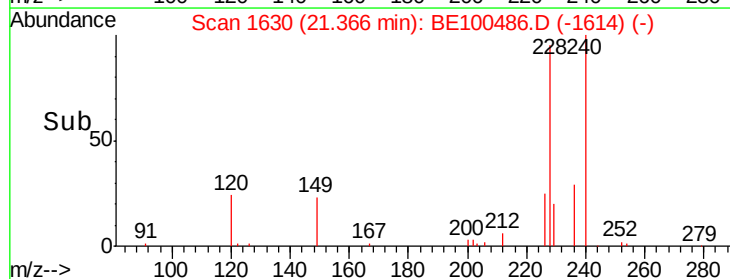
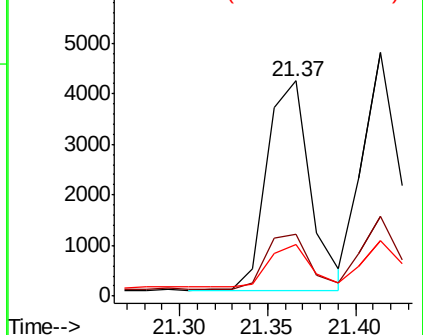
229 24.2 17.3 25.9

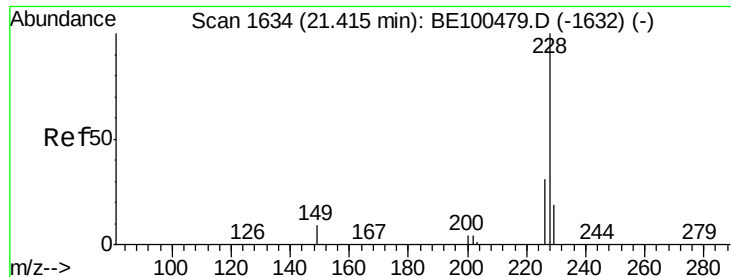


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.135 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

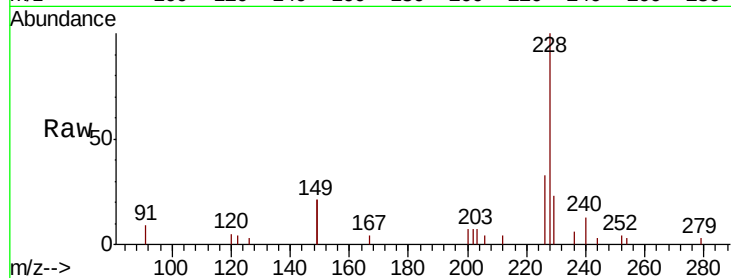
Tot Ion:228 Resp: 7053

Ion Ratio Lower Upper

228 100

226 33.0 25.0 37.6

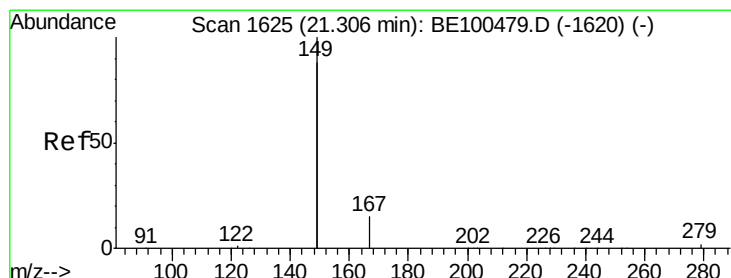
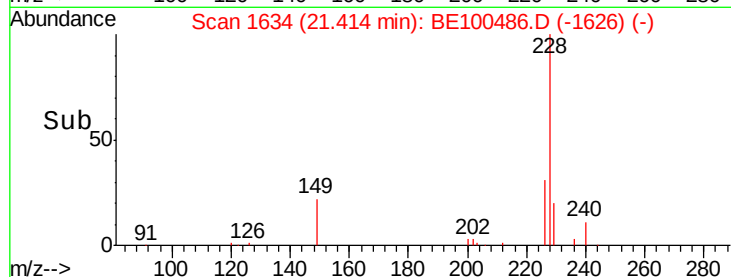
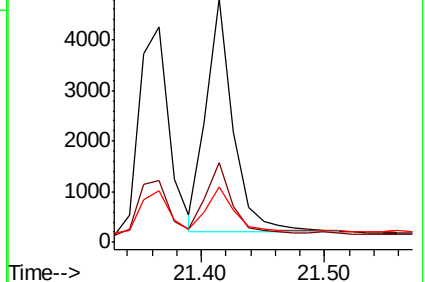
229 23.0 16.7 25.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.141 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

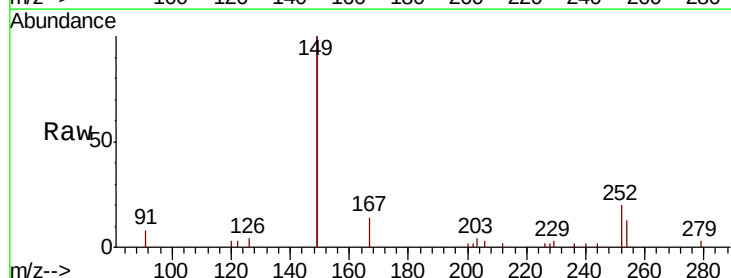
Tgt Ion:149 Resp: 17090

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

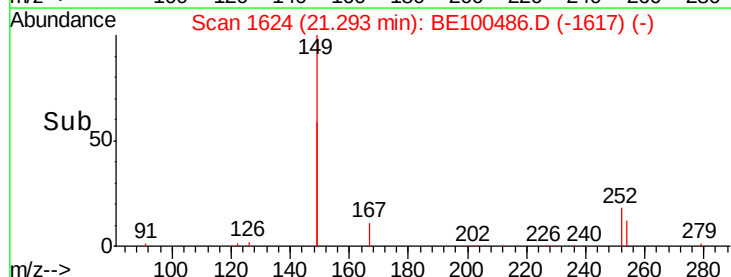
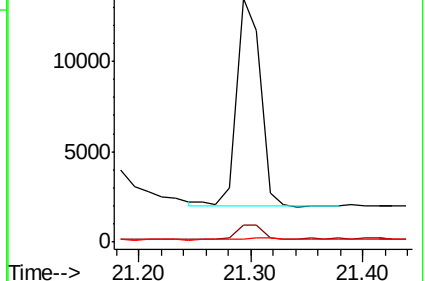
279 1.4 1.0 1.6

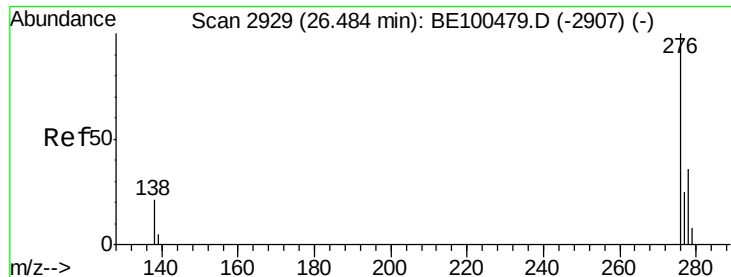


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

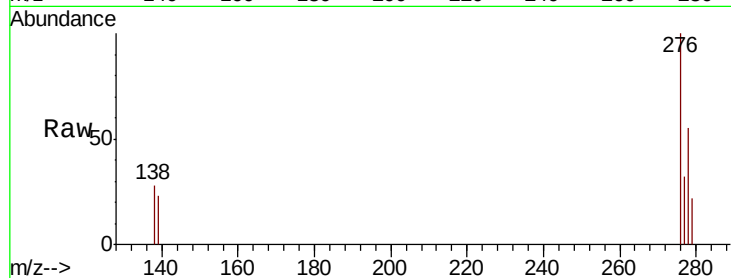




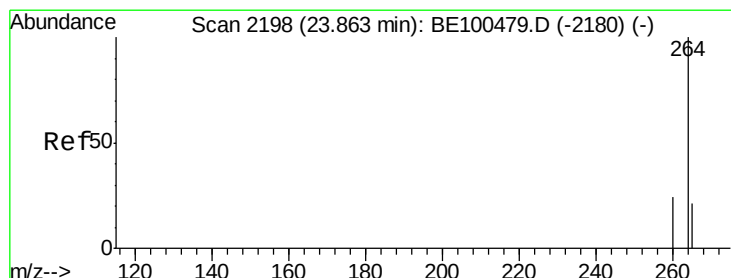
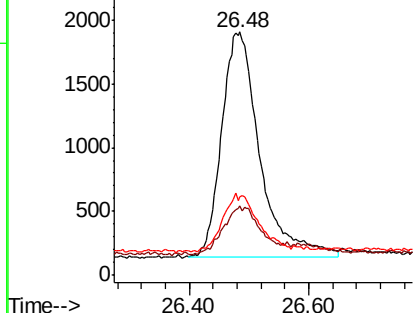
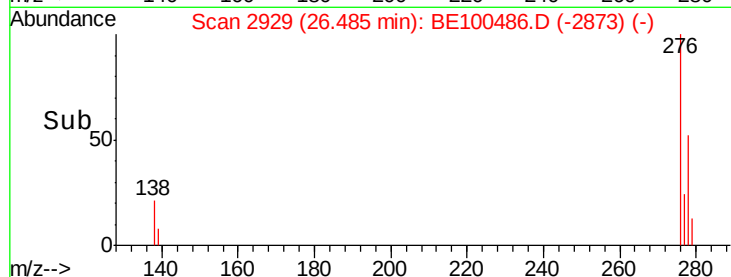
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.138 ng
RT: 26.48 min Scan# 2929
Delta R.T. 0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

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

Tot Ion:276 Resp: 7855
Ion Ratio Lower Upper
276 100
138 10.8 16.6 25.0#
277 10.6 19.1 28.7#

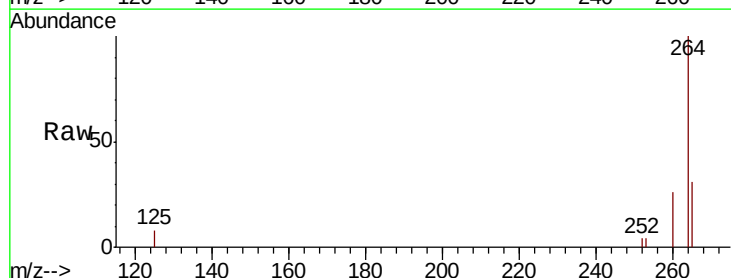


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

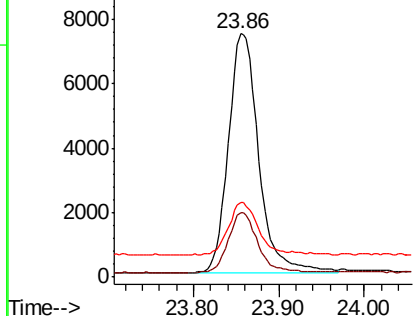
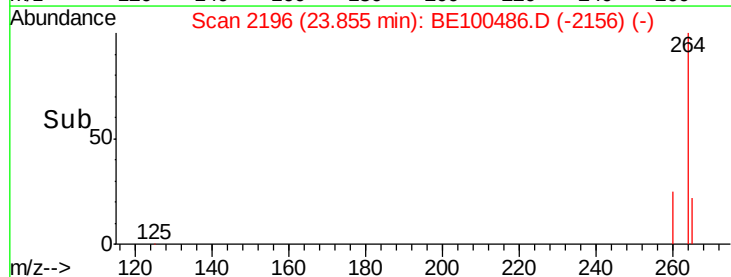


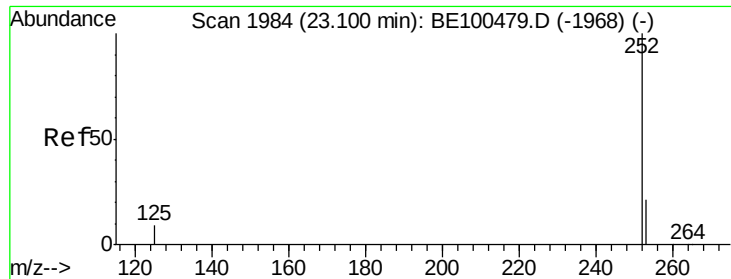
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

Tgt Ion:264 Resp: 18344
Ion Ratio Lower Upper
264 100
260 26.3 20.7 31.1
265 30.7 23.4 35.2



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

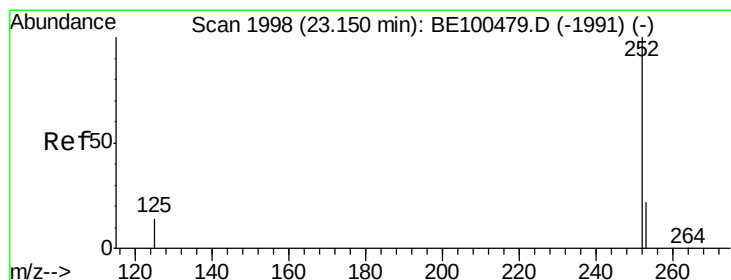
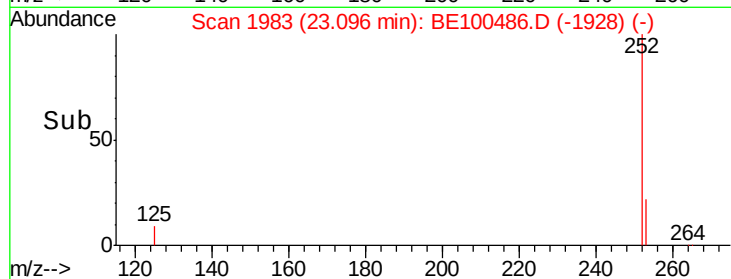
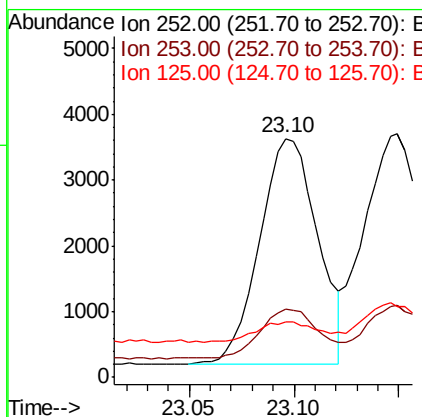
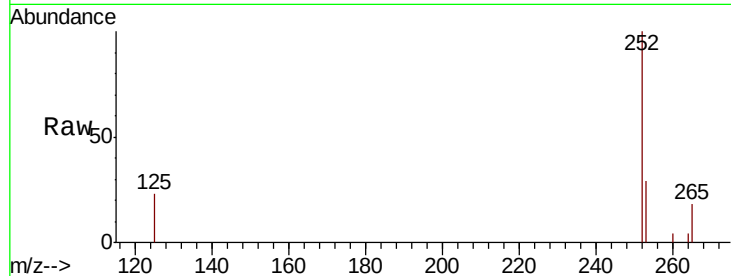




#35
Benzo(b)fluoranthene
Concen: 0.132 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

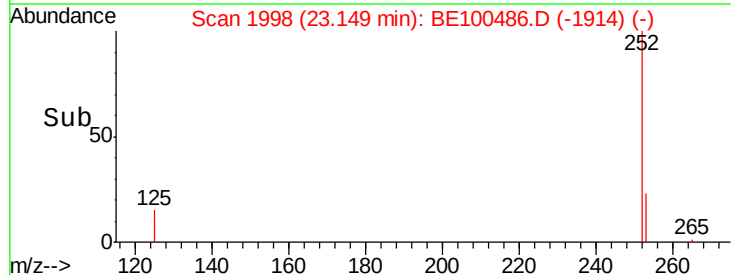
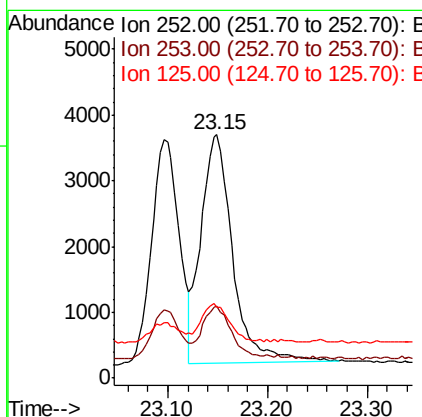
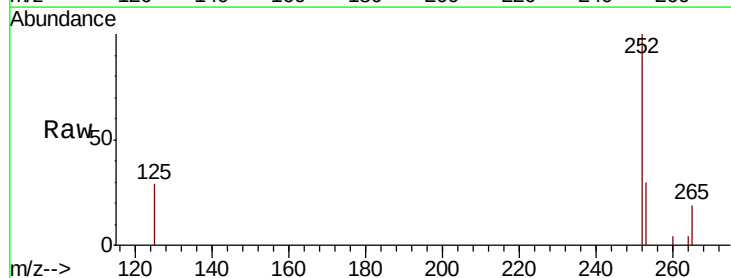
Instrument :
BNA_E
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

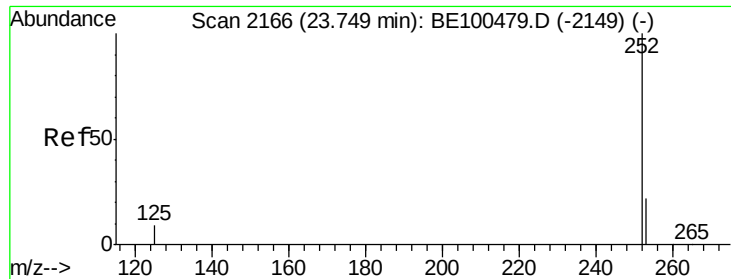
Tot Ion:252 Resp: 6635
Ion Ratio Lower Upper
252 100
253 28.6 19.2 28.8
125 23.4 11.9 17.9#



#36
Benzo(k)fluoranthene
Concen: 0.146 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE100486.D
Acq: 22 Jul 2019 18:51

Tgt Ion:252 Resp: 7697
Ion Ratio Lower Upper
252 100
253 29.7 19.7 29.5#
125 29.3 15.2 22.8#





#37

Benzo(a)pyrene

Concen: 0.147 ng

RT: 23.74 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

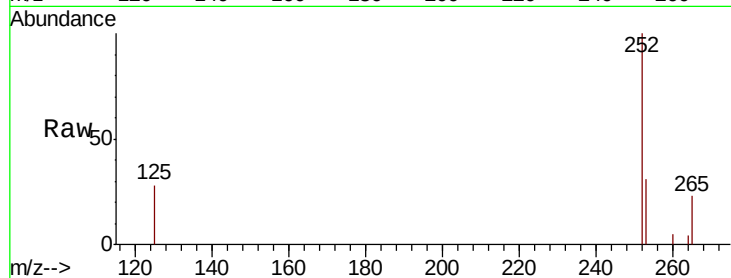
Tot Ion:252 Resp: 7160

Ion Ratio Lower Upper

252 100

253 30.7 20.0 30.0#

125 27.6 14.1 21.1#

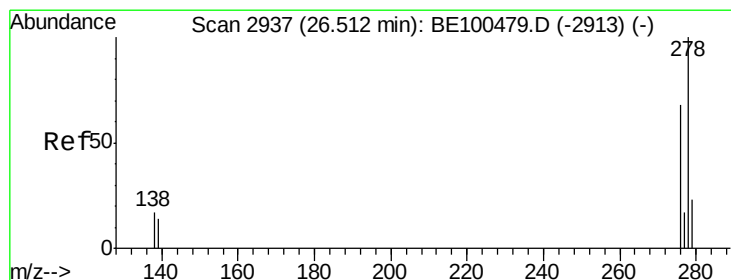
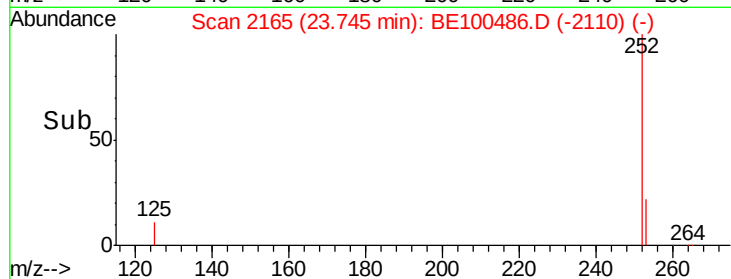
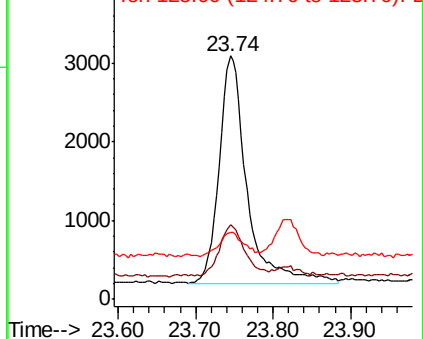


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.130 ng

RT: 26.51 min Scan# 2936

Delta R.T. -0.00 min

Lab File: BE100486.D

Acq: 22 Jul 2019 18:51

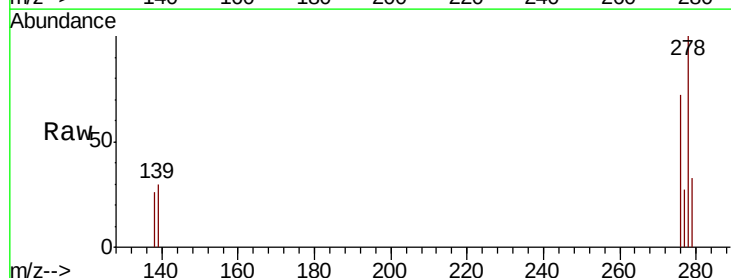
Tgt Ion:278 Resp: 6007

Ion Ratio Lower Upper

278 100

139 29.8 16.8 25.2#

279 32.6 21.8 32.8

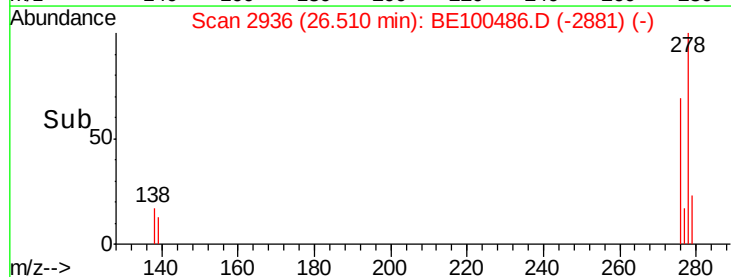
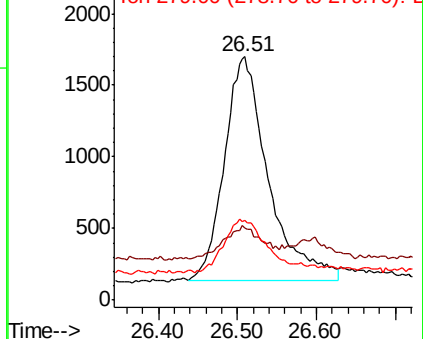


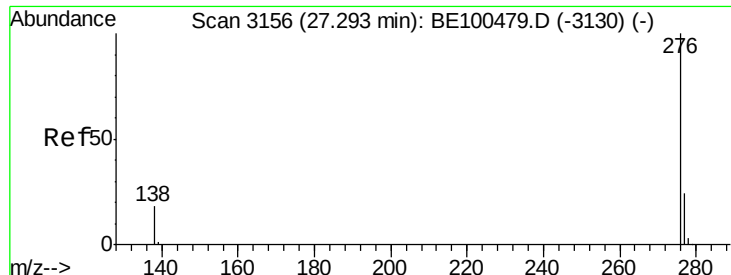
Abundance

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: 0.143 ng

RT: 27.28 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE100486.D

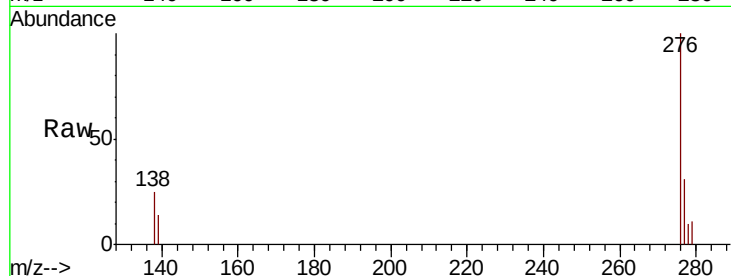
Acq: 22 Jul 2019 18:51

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019



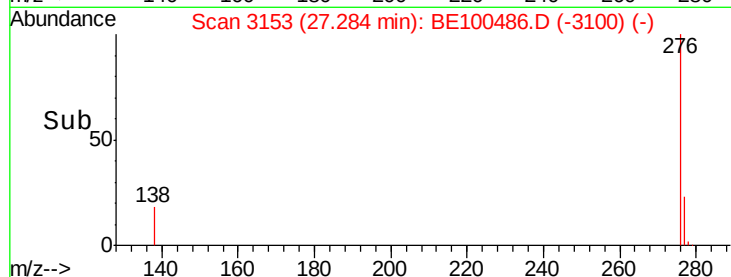
Tot Ion: 276 Resp: 6733

Ion Ratio Lower Upper

276 100

277 30.9 22.0 33.0

138 24.9 17.3 25.9



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

