

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099932.D
 Acq On : 11 Jun 2019 19:56
 Operator : JU/SJ
 Sample : K2241-09
 Misc : MDL-WATER-0.1PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 12 03:45:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	666	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2344	0.40	ng	0.00
13) Acenaphthene-d10	14.44	164	2083	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	7020	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	8134	0.40	ng	-0.04
34) Perylene-d12	23.87	264	9449	0.40	ng	-0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1566	0.87	ng	0.00
5) Phenol-d6	6.96	99	1987	0.86	ng	0.00
8) Nitrobenzene-d5	8.98	82	1352	0.61	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1638	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	863	0.56	ng	-0.03
15) 2-Fluorobiphenyl	13.09	172	5167	0.65	ng	-0.01
25) Fluoranthene-d10	19.22	212	35452	0.35	ng	-0.03
29) Terphenyl-d14	19.82	244	13388	0.91	ng	-0.03

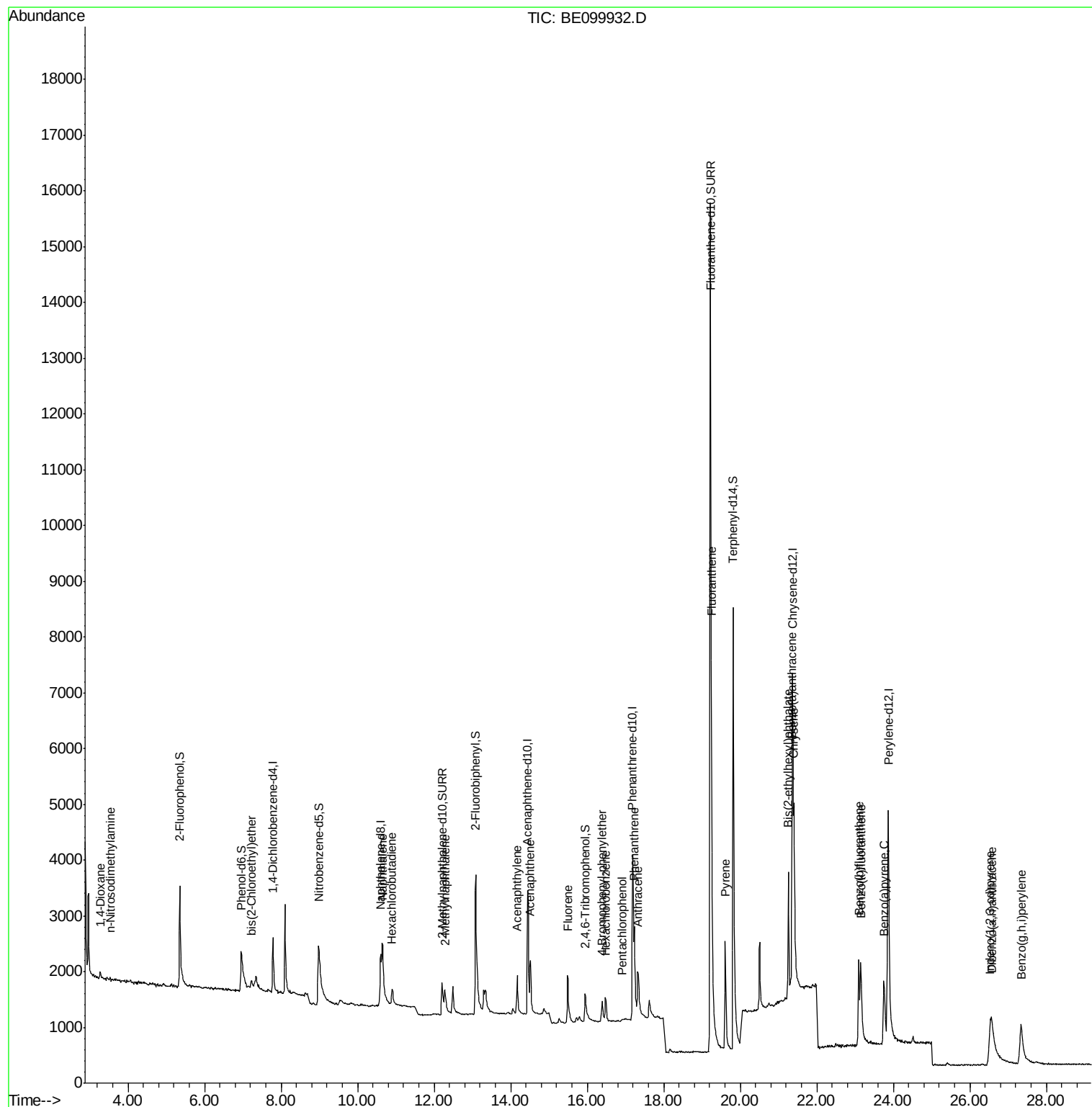
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	164	0.166	ng	# 71
3) n-Nitrosodimethylamine	3.53	42	17	0.030	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	169	0.089	ng	# 93
9) Naphthalene	10.65	128	3152	0.125	ng	# 90
10) Hexachlorobutadiene	10.90	225	249	0.129	ng	# 97
12) 2-Methylnaphthalene	12.28	142	493	0.120	ng	# 93
16) Acenaphthylene	14.17	152	1126	0.109	ng	# 98
17) Acenaphthene	14.51	154	606	0.107	ng	# 96
18) Fluorene	15.49	166	974	0.115	ng	# 97
20) 4-Bromophenyl-phenylether	16.38	248	443	0.111	ng	# 88
21) Hexachlorobenzene	16.49	284	495	0.122	ng	# 97
22) Pentachlorophenol	16.91	266	41	0.321	ng	# 91
23) Phenanthrene	17.23	178	1844	0.108	ng	# 99
24) Anthracene	17.32	178	1298	0.083	ng	# 98
26) Fluoranthene	19.25	202	3029	0.105	ng	# 99
28) Pyrene	19.61	202	3004	0.141	ng	# 98
30) Benzo(a)anthracene	21.35	228	2438	0.100	ng	# 95
31) Chrysene	21.40	228	3212	0.128	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.26	149	3288	0.094	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.54	276	2864	0.096	ng	# 69
35) Benzo(b)fluoranthene	23.10	252	2699	0.102	ng	# 87
36) Benzo(k)fluoranthene	23.15	252	3260	0.118	ng	# 85
37) Benzo(a)pyrene	23.76	252	3146	0.121	ng	# 75
38) Dibenzo(a,h)anthracene	26.58	278	2313	0.088	ng	# 68
39) Benzo(g,h,i)perylene	27.34	276	2888	0.106	ng	# 83

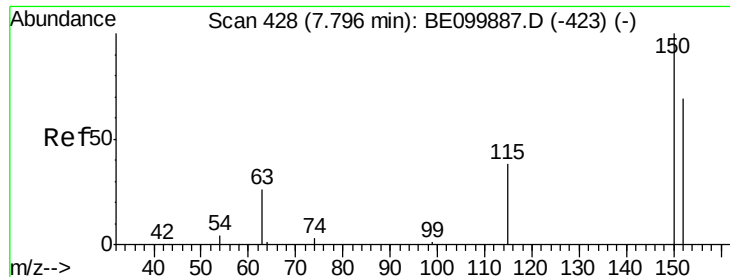
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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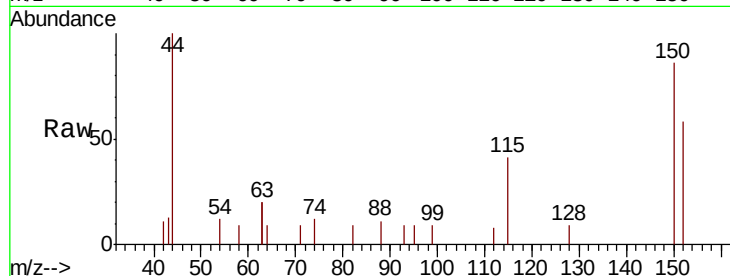


#1

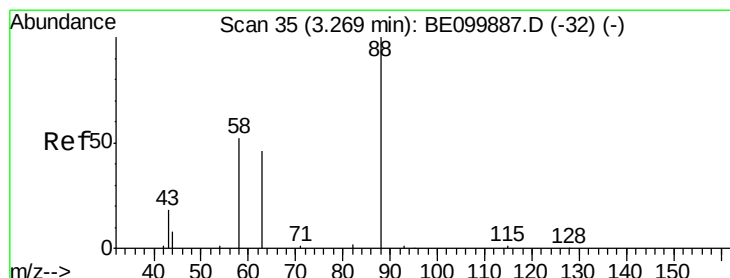
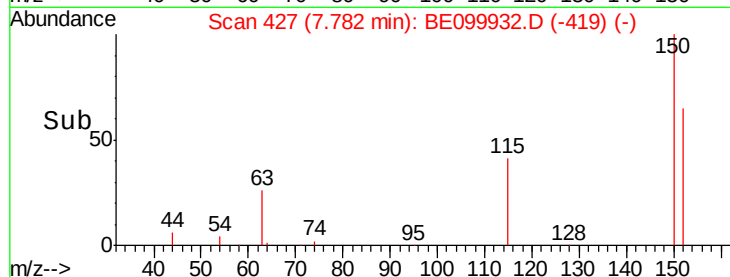
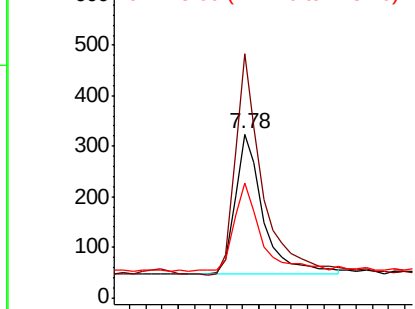
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.78 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BE099932.D
 Acq: 11 Jun 2019 19:56

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

Tgt Ion:152 Resp: 666
 Ion Ratio Lower Upper
 152 100
 150 149.1 111.0 166.6
 115 70.1 50.7 76.1



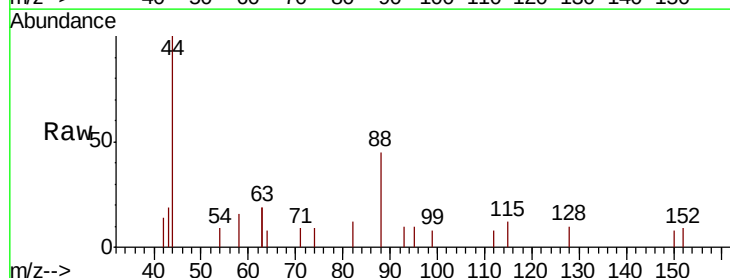
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



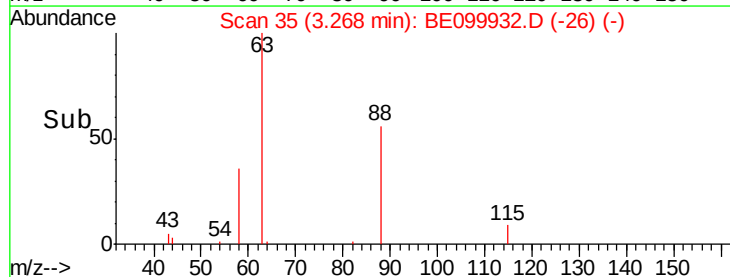
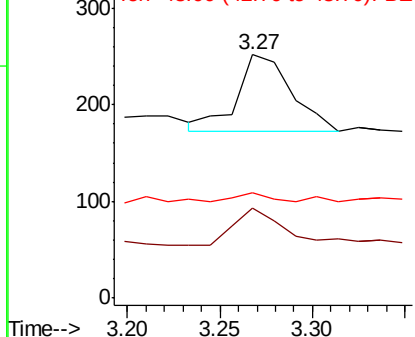
#2

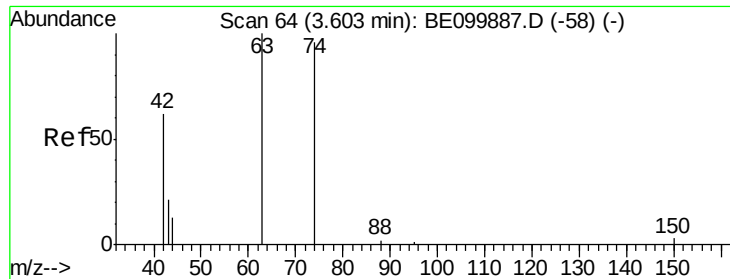
1,4-Dioxane
 Concen: 0.166 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE099932.D
 Acq: 11 Jun 2019 19:56

Tgt Ion: 88 Resp: 164
 Ion Ratio Lower Upper
 88 100
 58 40.2 48.8 73.2#
 43 7.9 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0



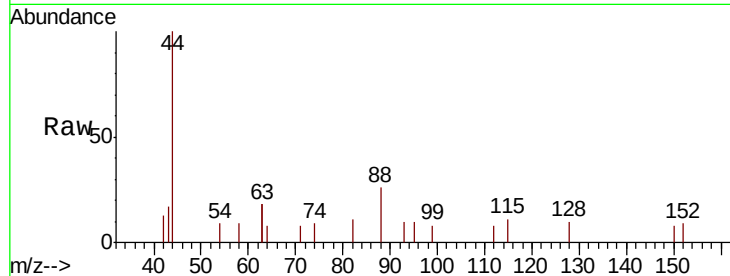


#3

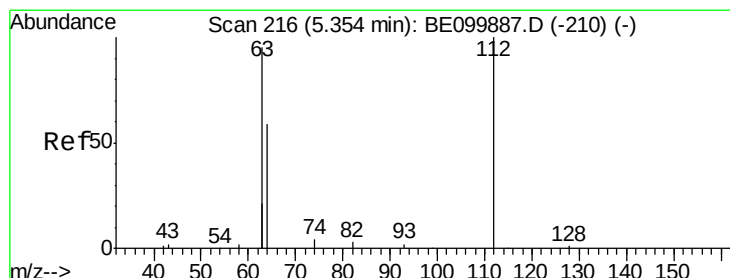
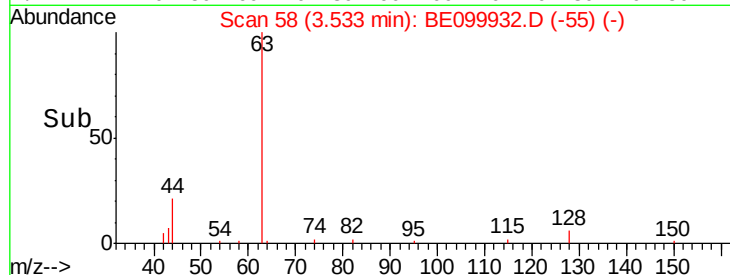
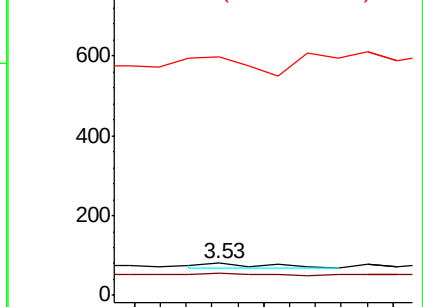
n-Nitrosodimethylamine
 Concen: 0.030 ng
 RT: 3.53 min Scan# 58
 Delta R.T. -0.07 min
 Lab File: BE099932.D
 Acq: 11 Jun 2019 19:56

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

Tgt Ion:	42	Resp:	17
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



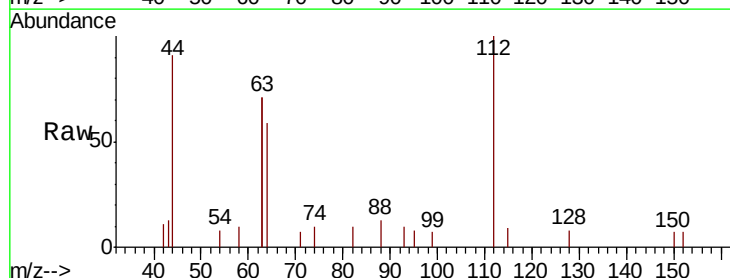
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



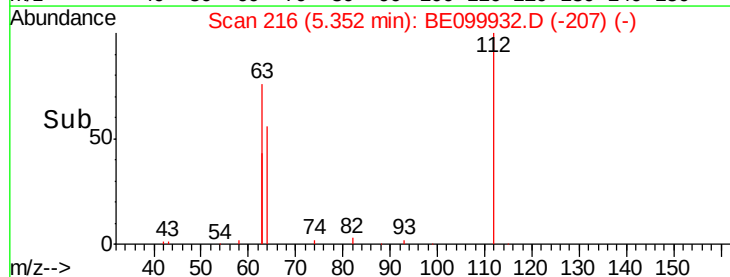
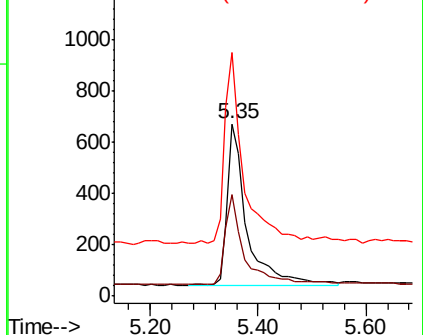
#4

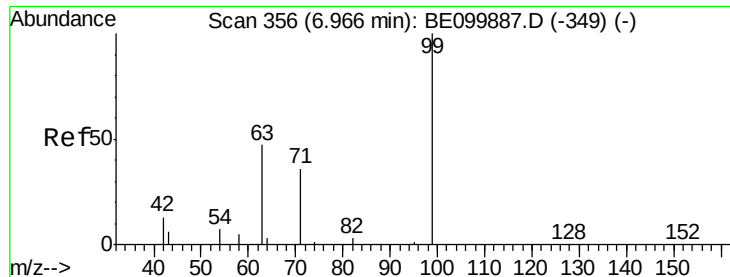
2-Fluorophenol
 Concen: 0.871 ng
 RT: 5.35 min Scan# 216
 Delta R.T. -0.00 min
 Lab File: BE099932.D
 Acq: 11 Jun 2019 19:56

Tgt Ion:	112	Resp:	1566
Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.1	66.1
63	117.6	87.8	131.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.858 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

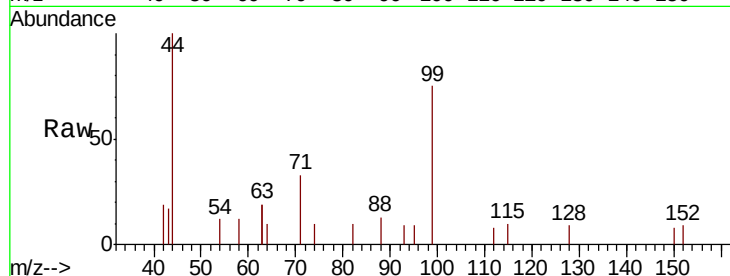
Tgt Ion: 99 Resp: 1987

Ion Ratio Lower Upper

99 100

42 13.0 15.9 23.9#

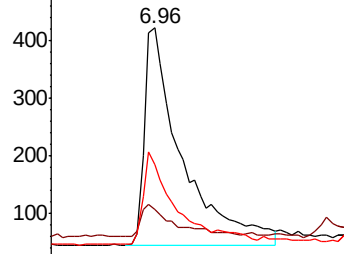
71 37.1 34.6 52.0



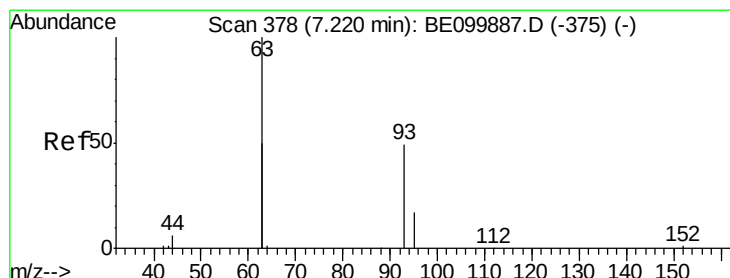
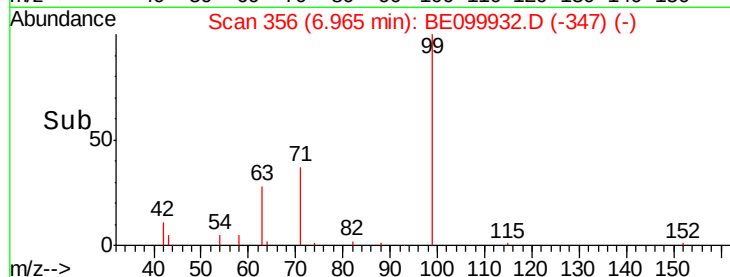
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.089 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

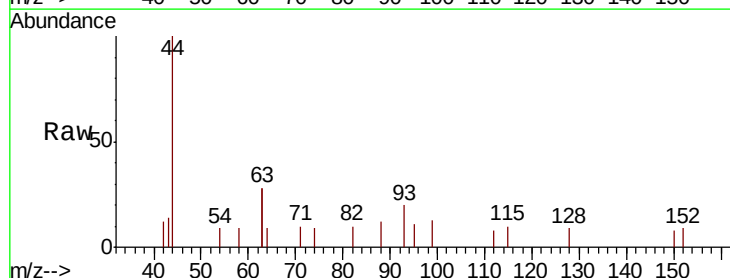
Tgt Ion: 93 Resp: 169

Ion Ratio Lower Upper

93 100

63 263.9 202.8 304.2

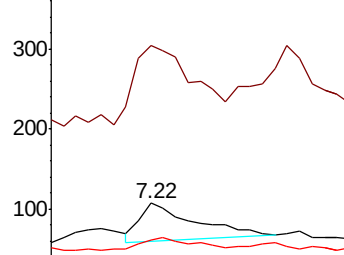
95 36.1 23.7 35.5#



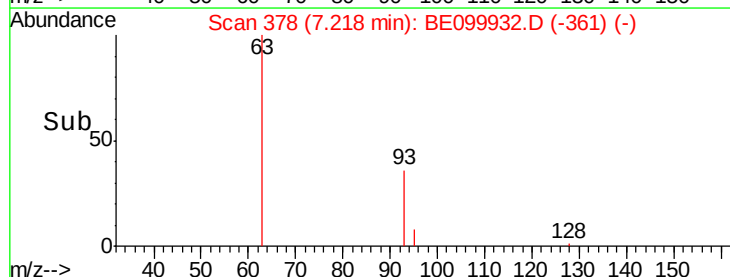
Abundance Ion 93.00 (92.70 to 93.70): BE0

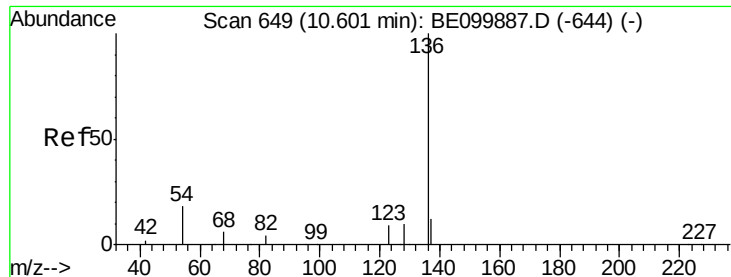
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tgt Ion: 136 Resp: 2344

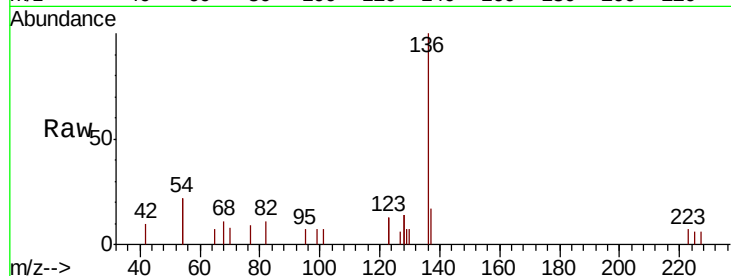
Ion Ratio Lower Upper

136 100

137 17.2 12.3 18.5

54 44.1 28.2 42.4#

68 11.1 7.8 11.8

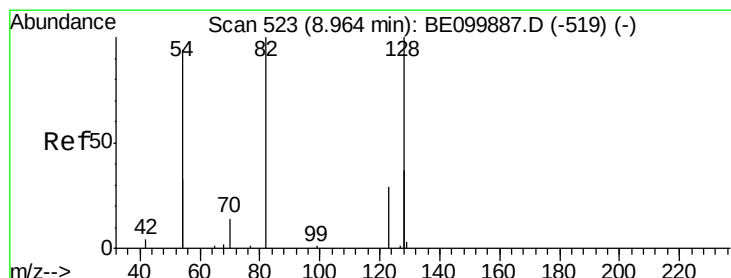
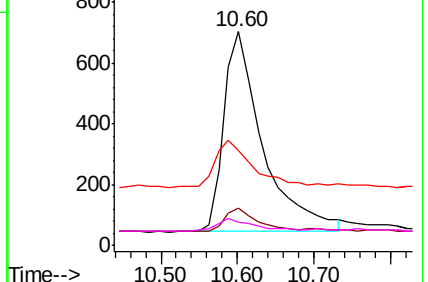
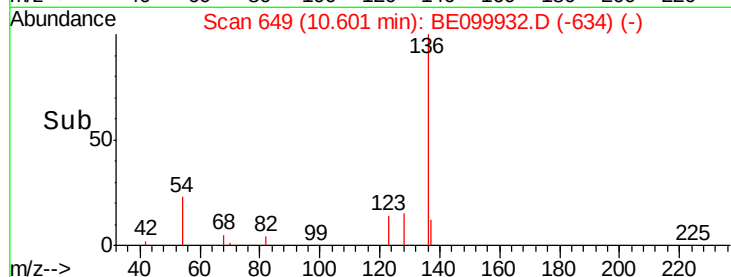


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.609 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

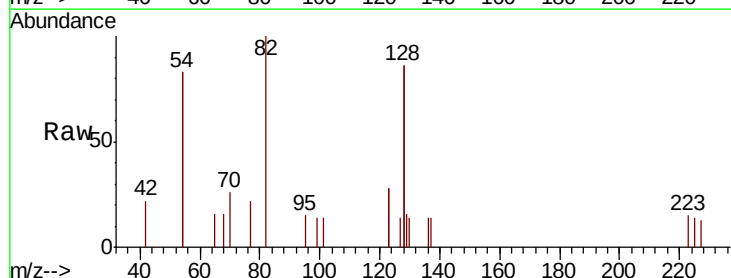
Tgt Ion: 82 Resp: 1352

Ion Ratio Lower Upper

82 100

128 171.3 137.3 205.9

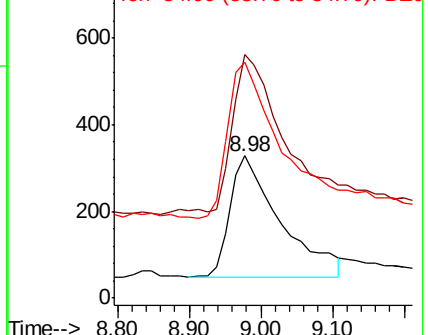
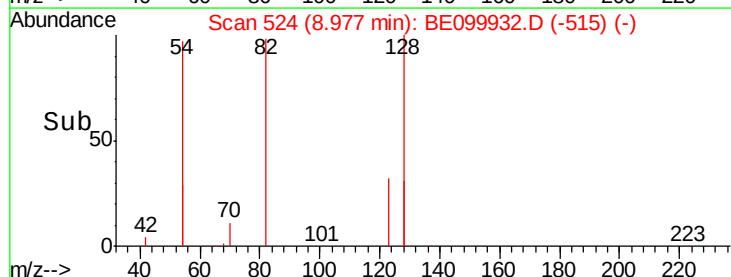
54 165.9 129.7 194.5

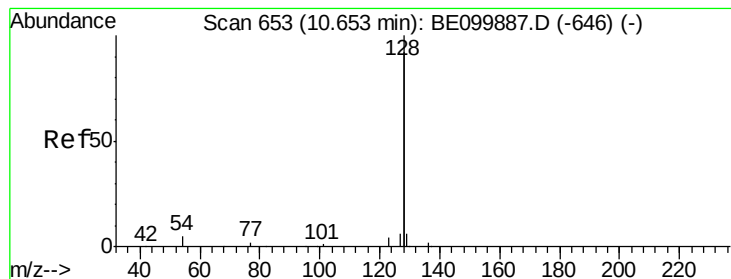


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.125 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

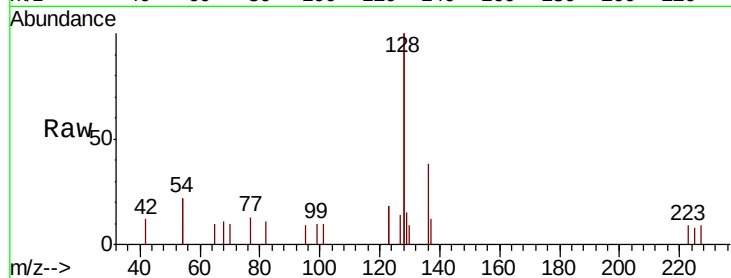
Tgt Ion:128 Resp: 3152

Ion Ratio Lower Upper

128 100

129 7.4 3.0 4.6#

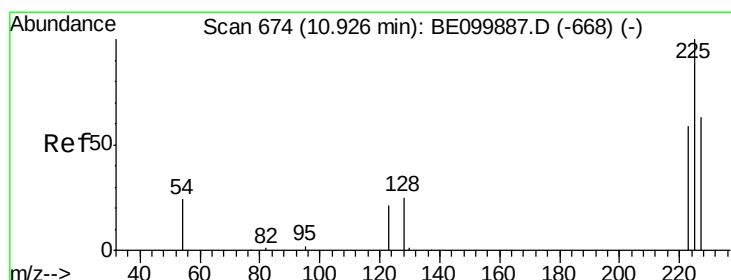
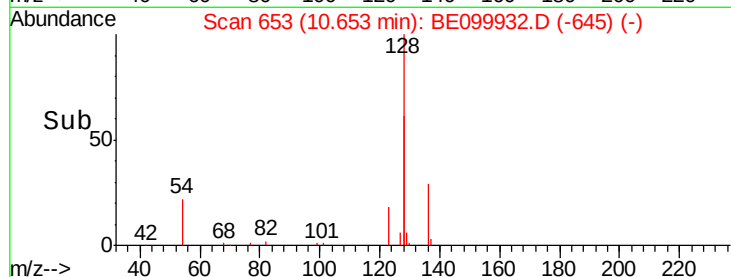
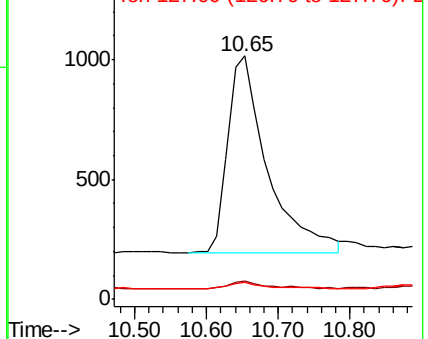
127 7.2 3.4 5.0#



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: 0.129 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.03 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

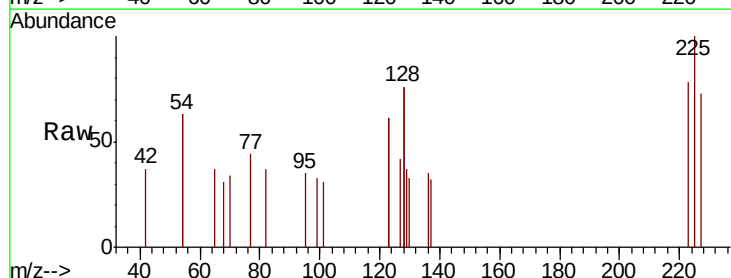
Tgt Ion:225 Resp: 249

Ion Ratio Lower Upper

225 100

223 65.5 51.6 77.4

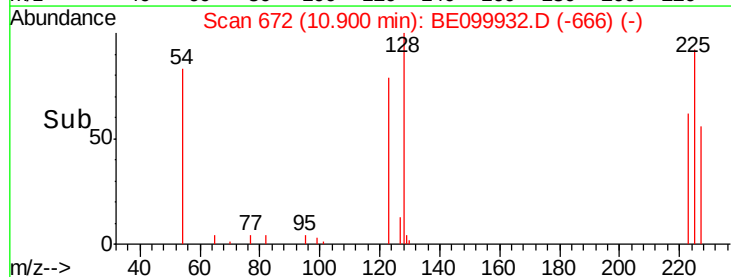
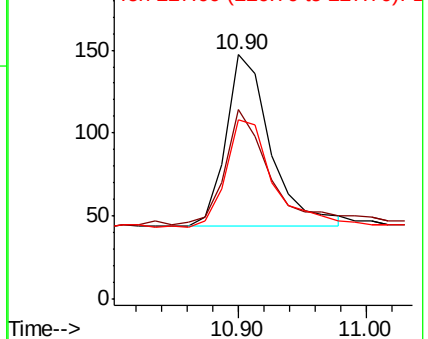
227 67.5 50.6 76.0

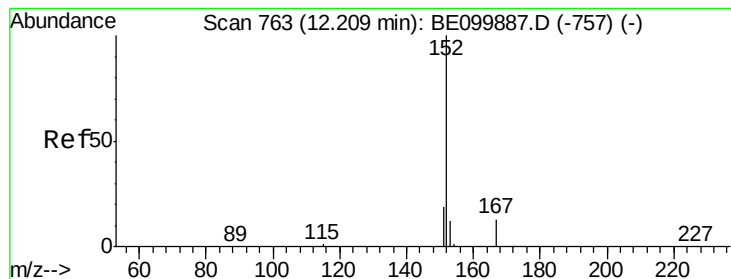


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

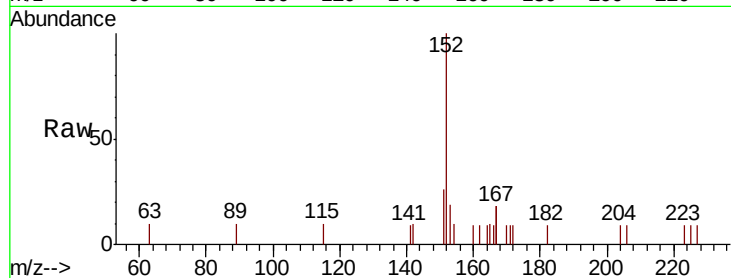
MDL-MDL-WATER-03-QT2-2019

Tgt Ion:152 Resp: 1638

Ion Ratio Lower Upper

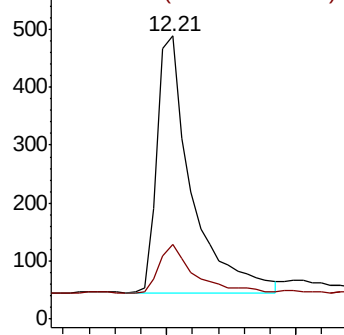
152 100

151 20.0 15.2 22.8

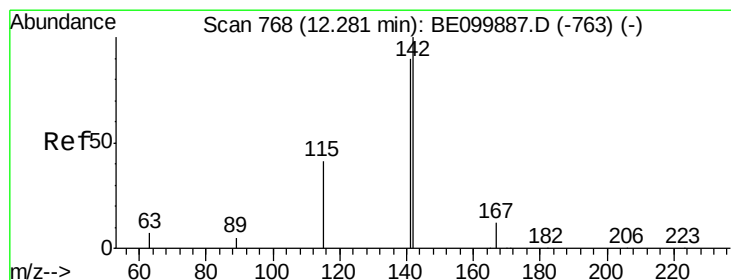
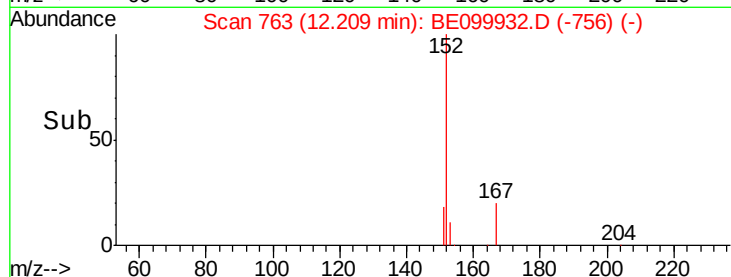


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.120 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

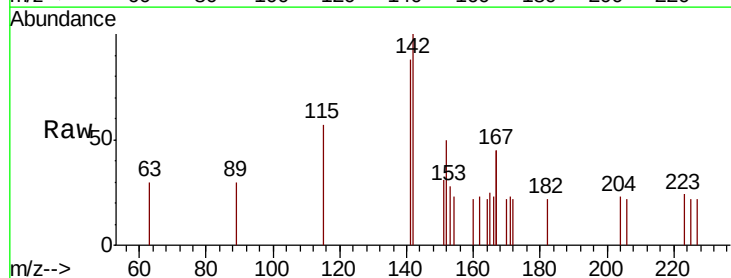
Tgt Ion:142 Resp: 493

Ion Ratio Lower Upper

142 100

141 88.4 72.3 108.5

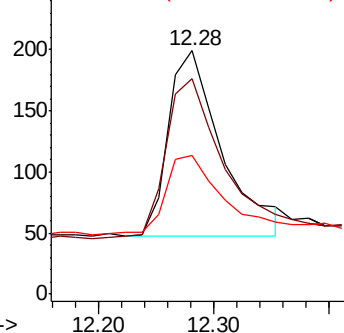
115 57.3 36.4 54.6#



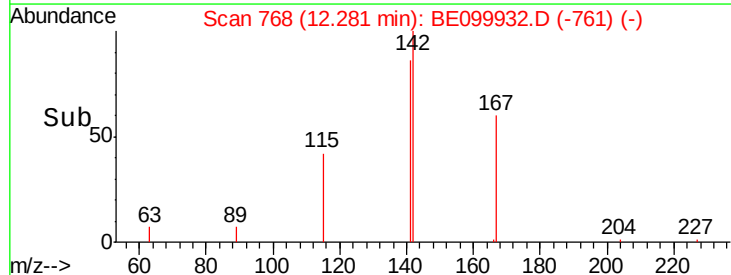
Abundance Ion 142.00 (141.70 to 142.70): E

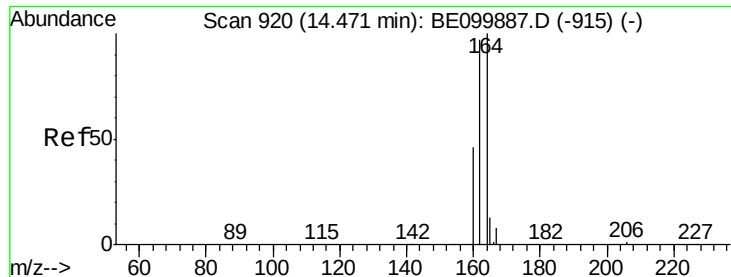
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->

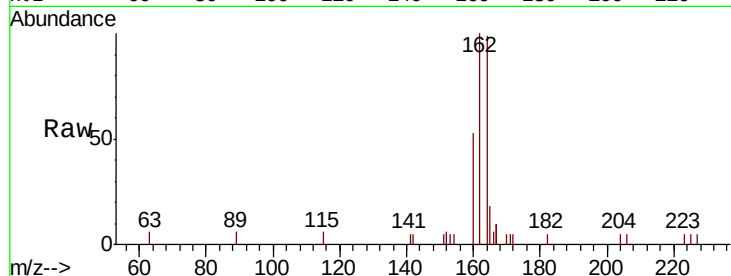




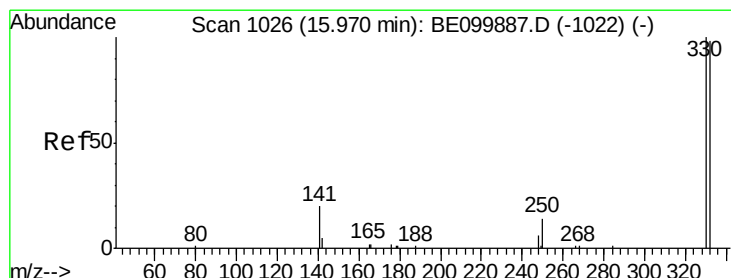
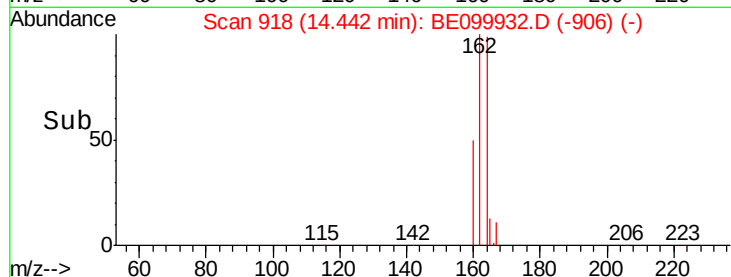
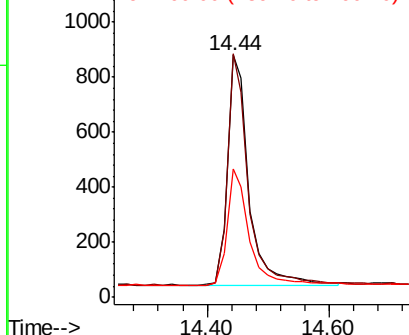
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099932.D
Acq: 11 Jun 2019 19:56

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

Tgt Ion:164 Resp: 2083
Ion Ratio Lower Upper
164 100
162 100.6 77.8 116.8
160 53.1 38.2 57.4

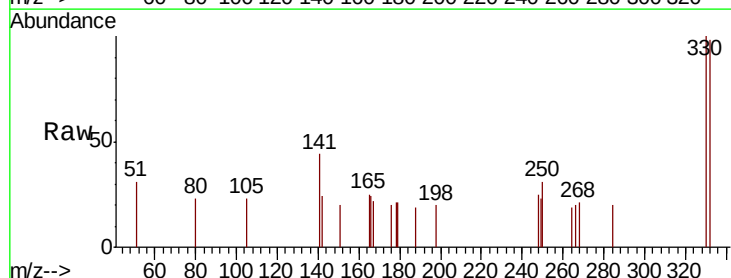


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

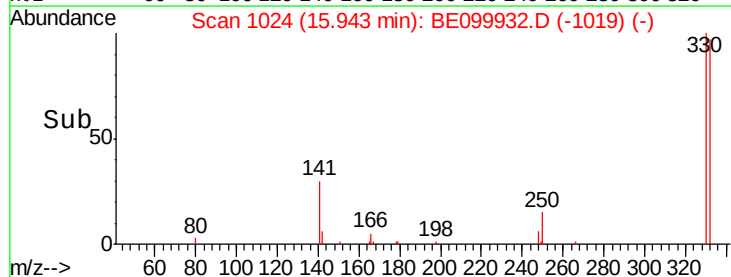
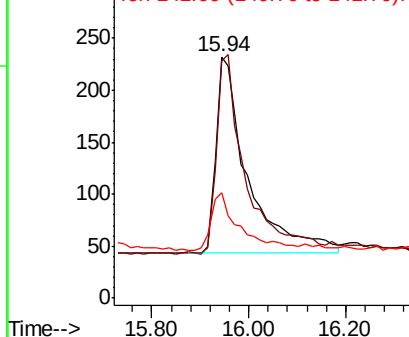


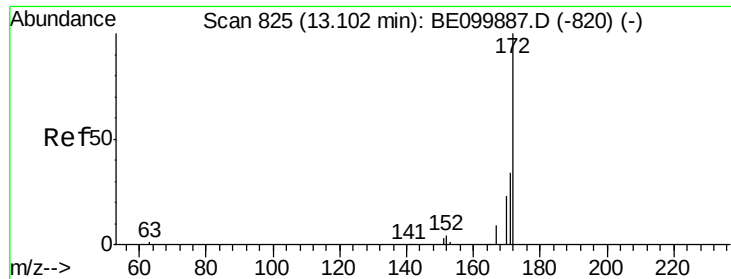
#14
2,4,6-Tribromophenol
Concen: 0.561 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099932.D
Acq: 11 Jun 2019 19:56

Tgt Ion:330 Resp: 863
Ion Ratio Lower Upper
330 100
332 93.5 76.7 115.1
141 26.0 21.0 31.6



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

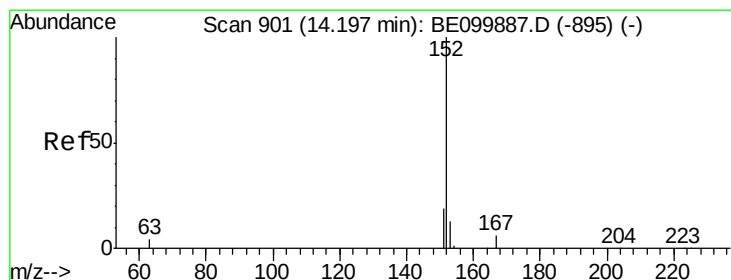
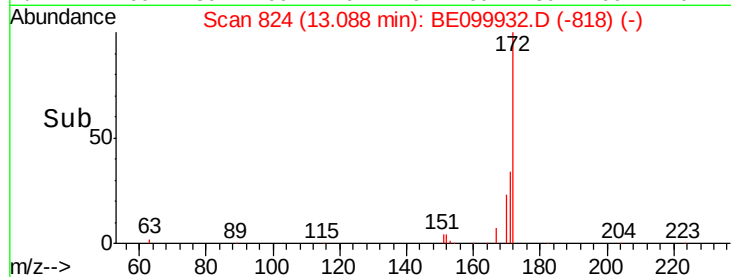
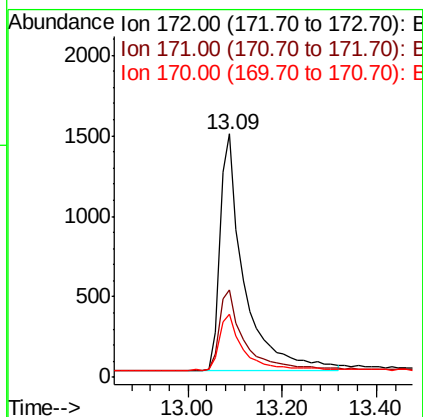
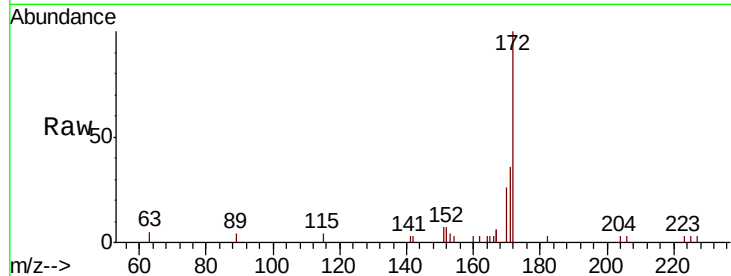




#15
2-Fluorobiphenyl
Concen: 0.654 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099932.D
Acq: 11 Jun 2019 19:56

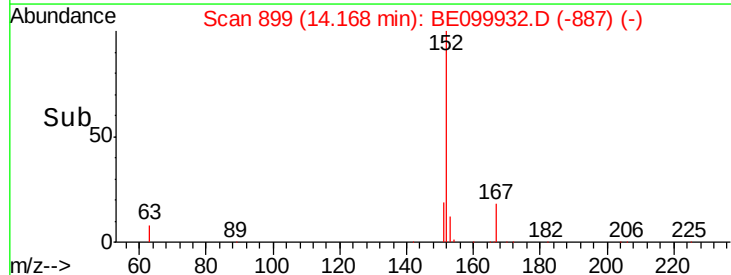
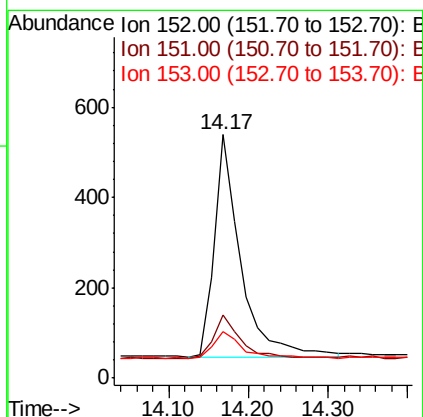
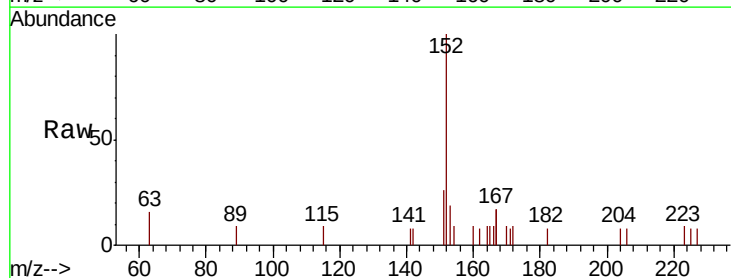
Instrument :
BNA_E
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

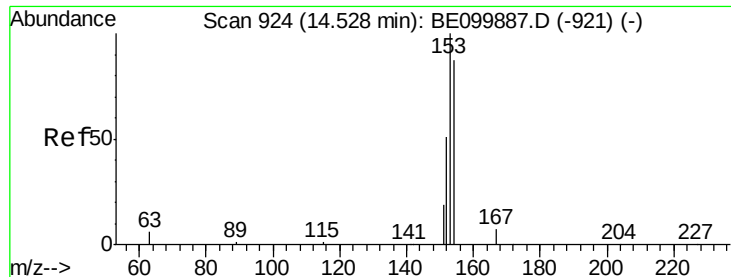
Tgt Ion:172 Resp: 5167
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 25.8 21.2 31.8



#16
Acenaphthylene
Concen: 0.109 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099932.D
Acq: 11 Jun 2019 19:56

Tgt Ion:152 Resp: 1126
Ion Ratio Lower Upper
152 100
151 19.0 15.5 23.3
153 13.9 10.2 15.2

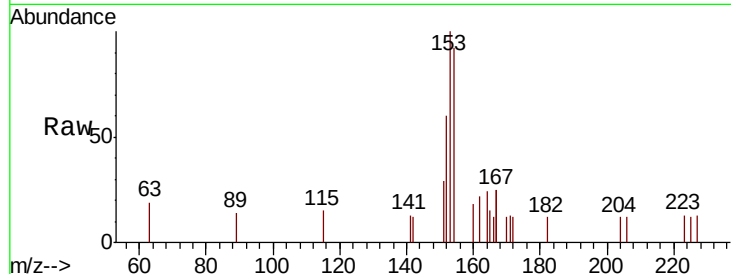




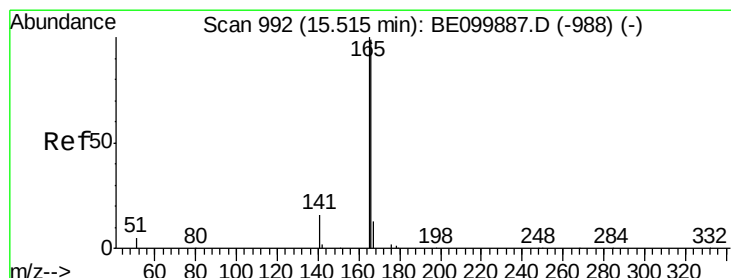
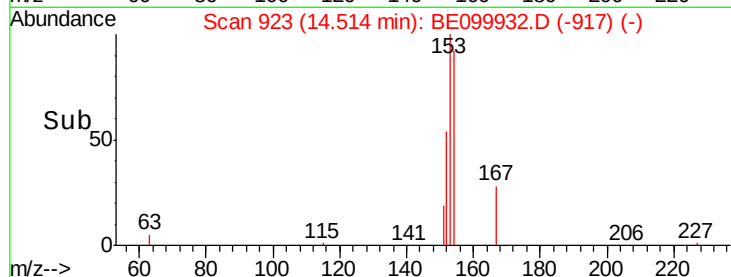
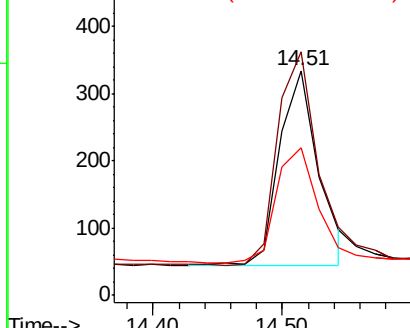
#17
Acenaphthene
Concen: 0.107 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099932.D
Acq: 11 Jun 2019 19:56

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

Tgt Ion:154 Resp: 606
Ion Ratio Lower Upper
154 100
153 112.5 93.1 139.7
152 62.7 47.0 70.4

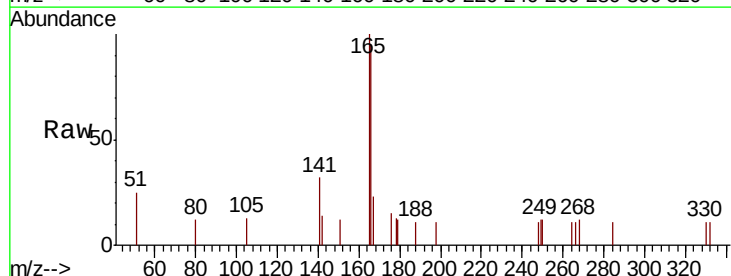


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

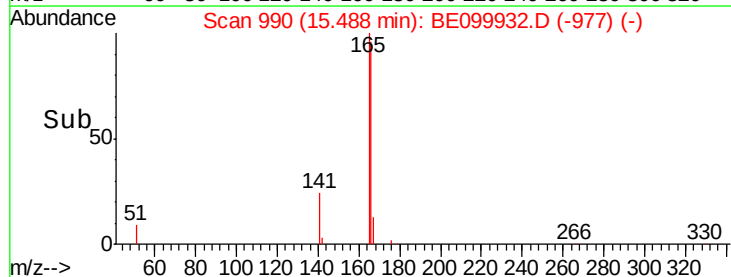
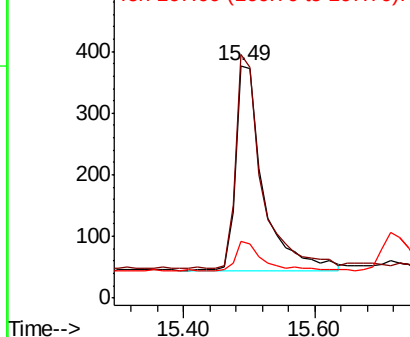


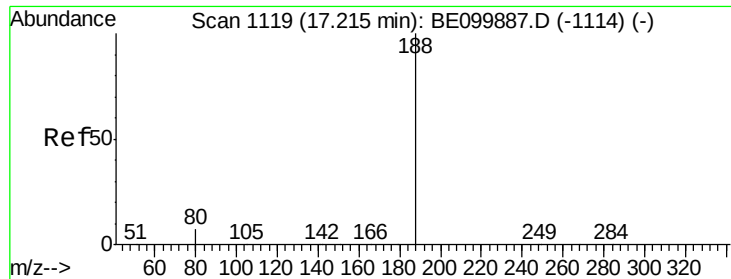
#18
Fluorene
Concen: 0.115 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099932.D
Acq: 11 Jun 2019 19:56

Tgt Ion:166 Resp: 974
Ion Ratio Lower Upper
166 100
165 99.3 81.8 122.8
167 14.5 11.2 16.8



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

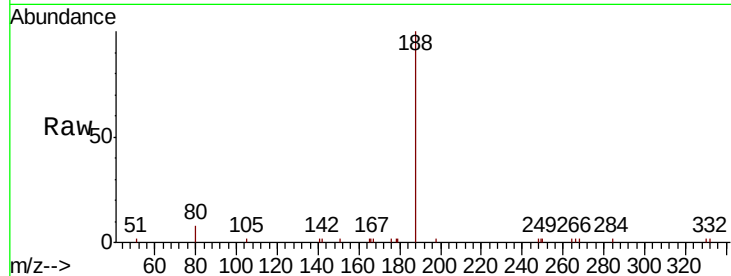




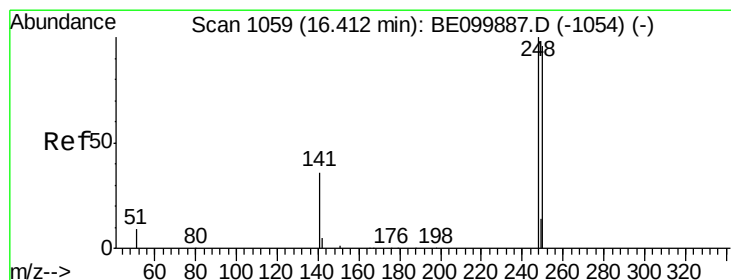
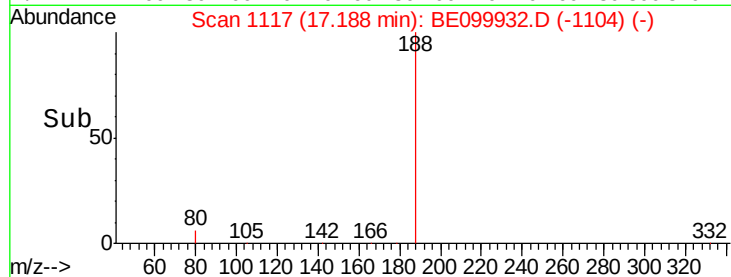
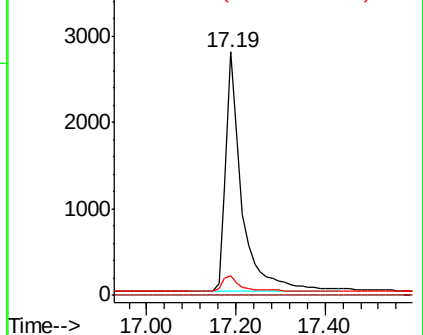
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099932.D
Acq: 11 Jun 2019 19:56

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

Tgt Ion:188 Resp: 7020
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.4 9.6

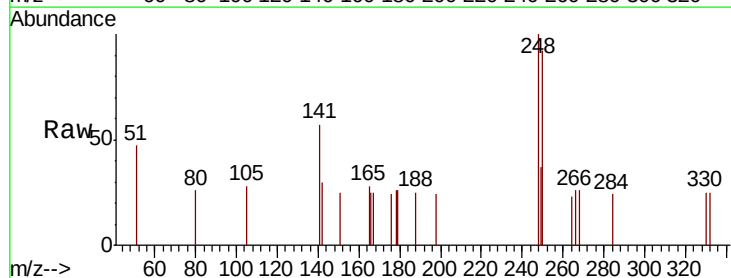


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

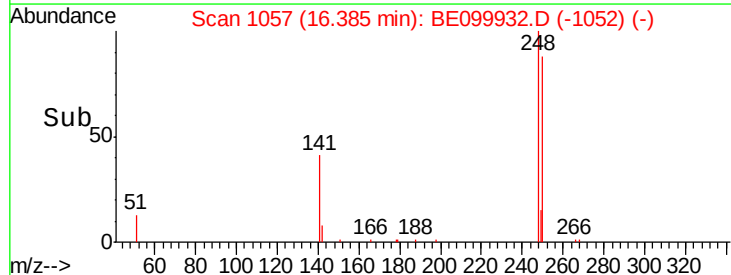
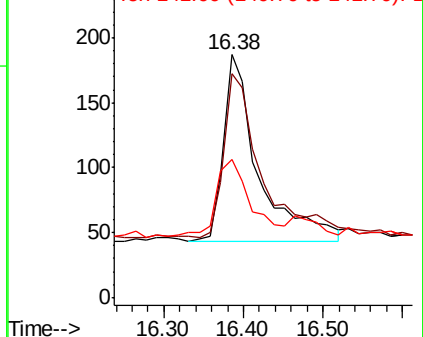


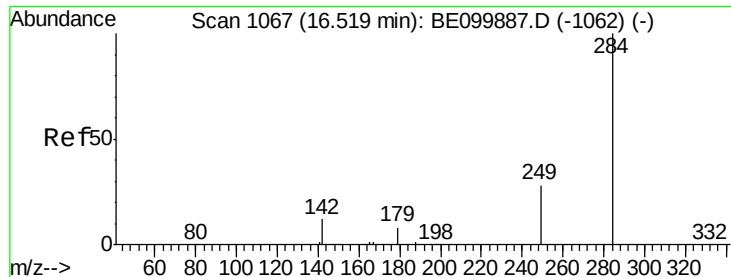
#20
4-Bromophenyl-phenylether
Concen: 0.111 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099932.D
Acq: 11 Jun 2019 19:56

Tgt Ion:248 Resp: 443
Ion Ratio Lower Upper
248 100
250 92.0 77.5 116.3
141 56.7 31.8 47.8#



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: 0.122 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

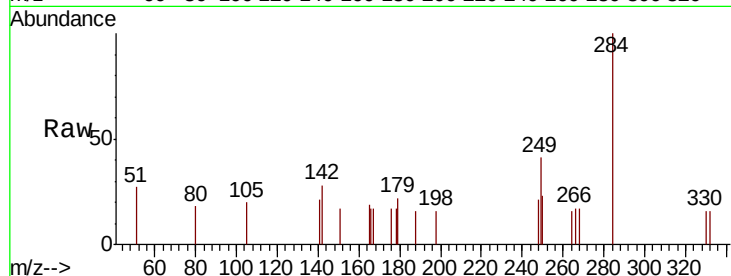
Tgt Ion:284 Resp: 495

Ion Ratio Lower Upper

284 100

142 25.1 18.2 27.4

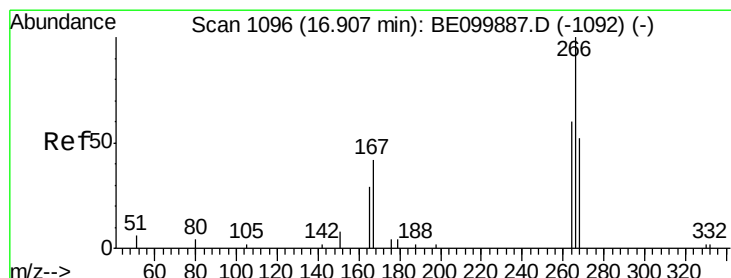
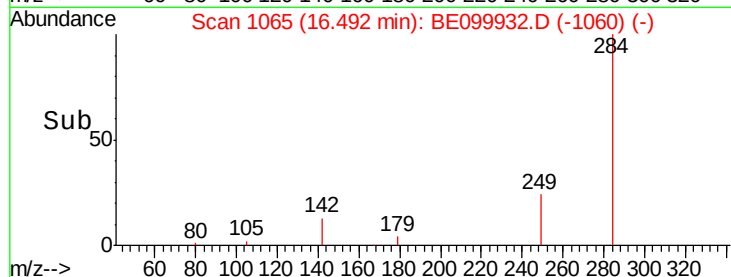
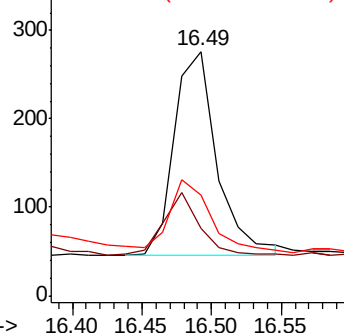
249 30.1 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.321 ng

RT: 16.91 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

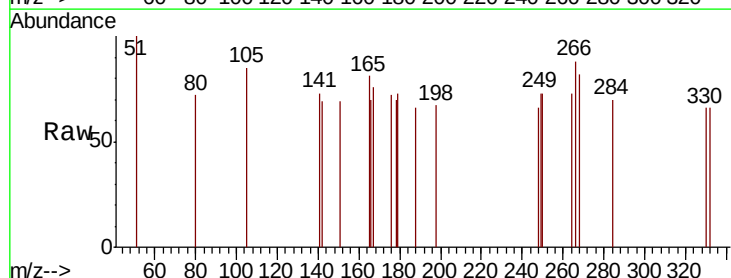
Tgt Ion:266 Resp: 41

Ion Ratio Lower Upper

266 100

264 83.1 62.2 93.2

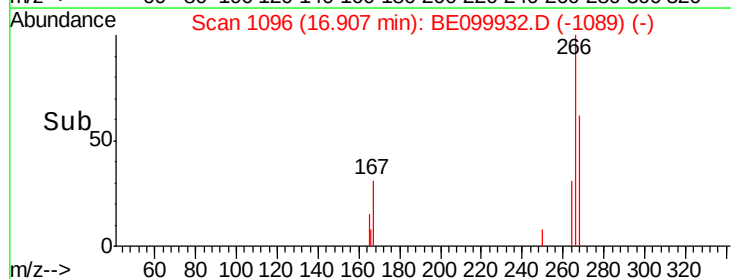
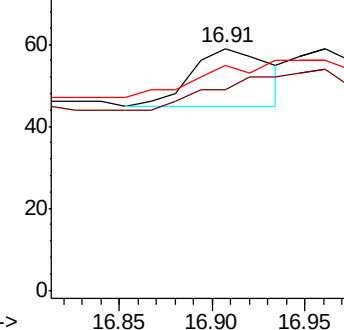
268 93.2 65.5 98.3

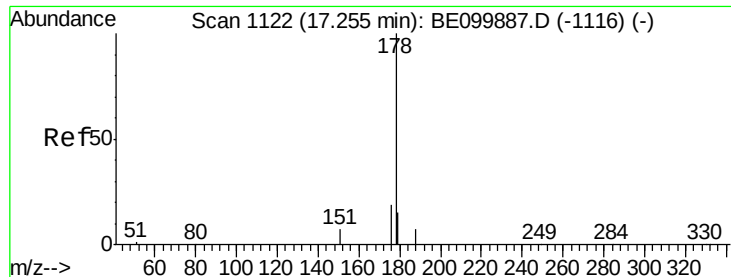


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.108 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

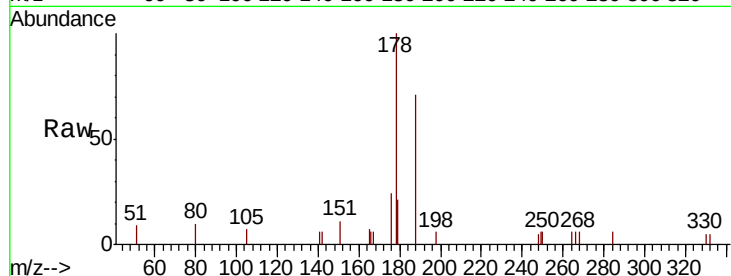
Tgt Ion:178 Resp: 1844

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

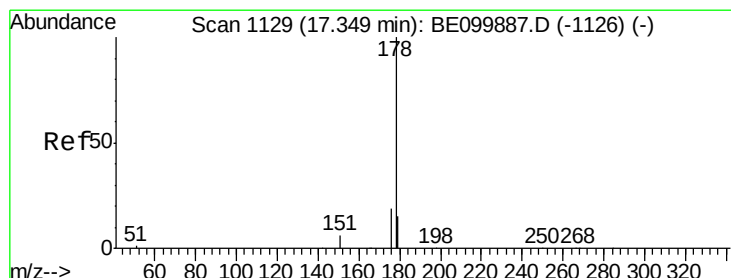
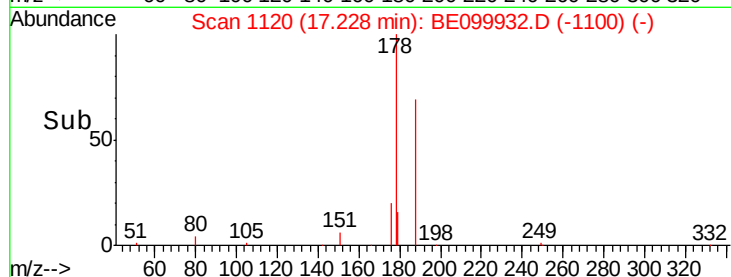
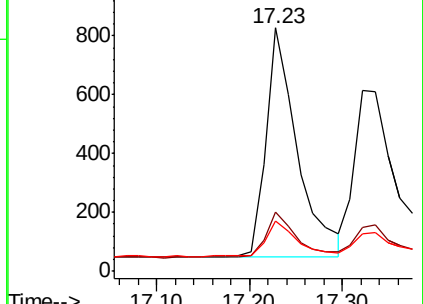
179 15.4 12.4 18.6



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: 0.083 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

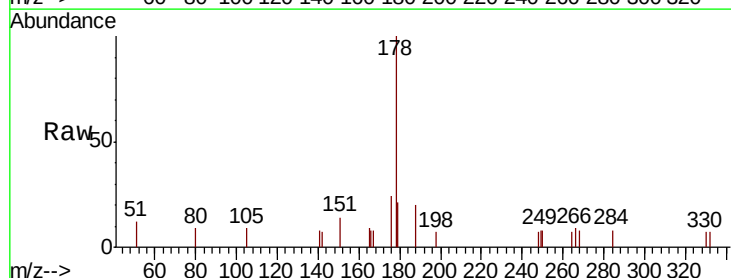
Tgt Ion:178 Resp: 1298

Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

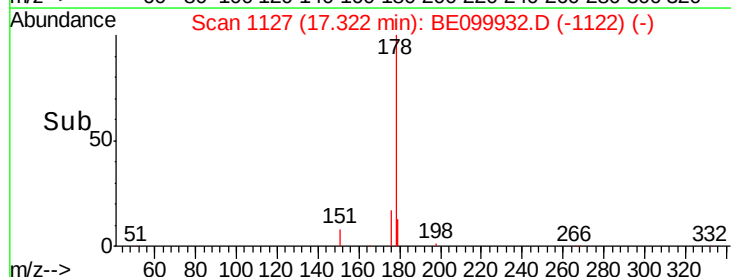
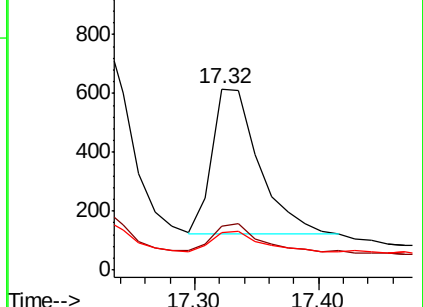
179 14.5 12.3 18.5

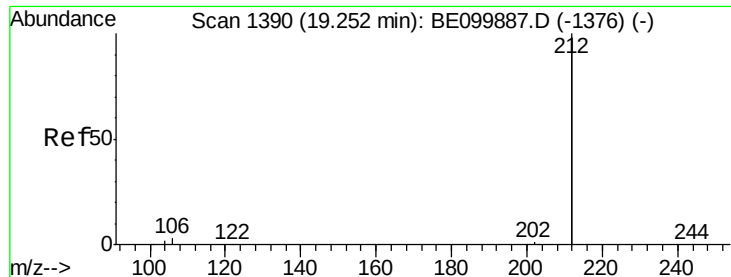


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.03 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

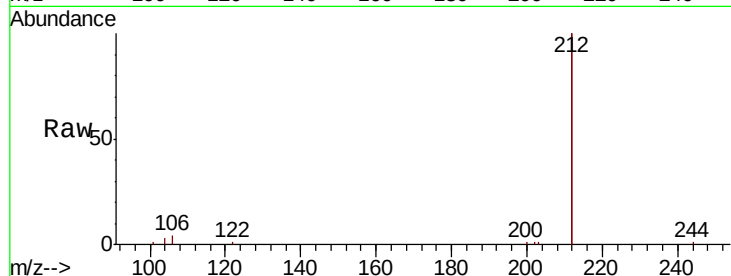
Tgt Ion:212 Resp: 35452

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

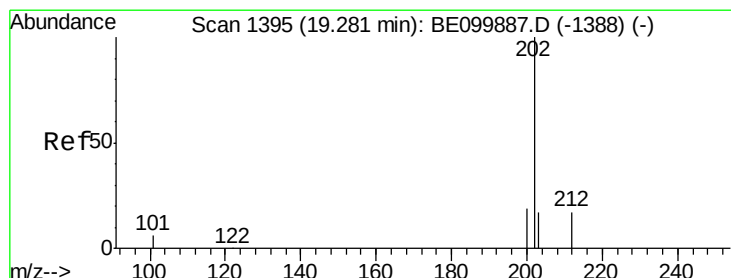
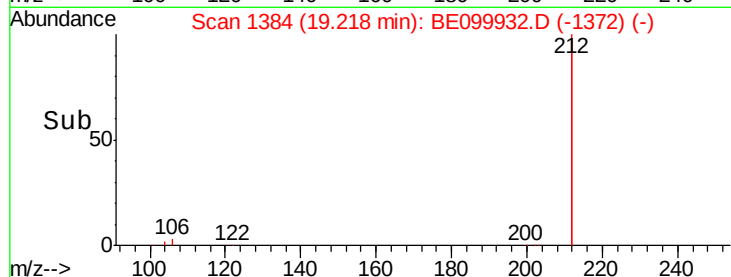
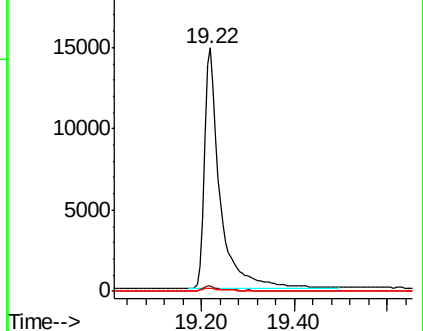
104 1.1 0.9 1.3



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: 0.105 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

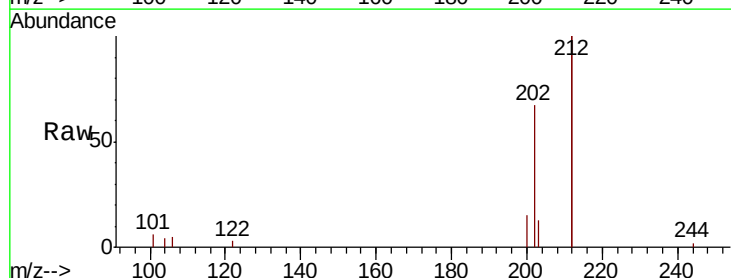
Tgt Ion:202 Resp: 3029

Ion Ratio Lower Upper

202 100

101 5.8 5.4 8.0

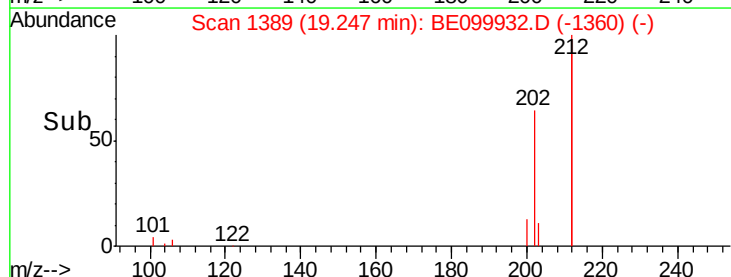
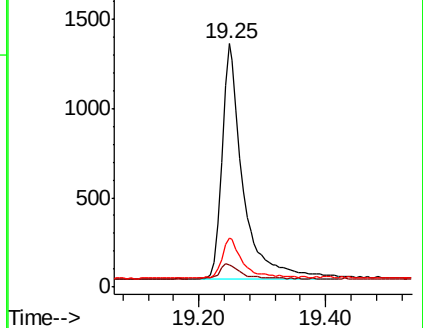
203 16.9 13.2 19.8

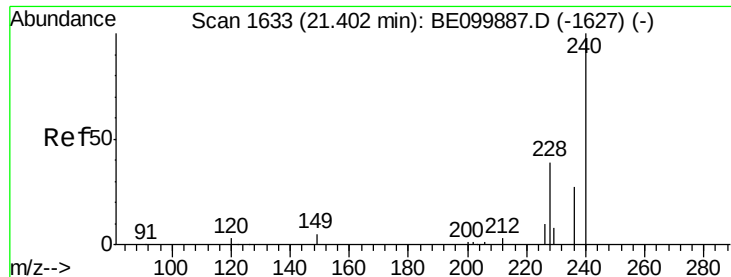


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.04 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

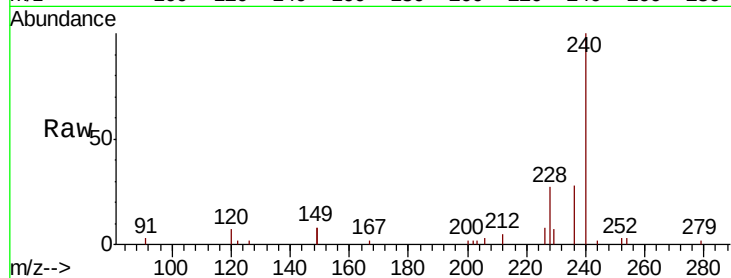
Tgt Ion:240 Resp: 8134

Ion Ratio Lower Upper

240 100

120 7.5 3.8 5.6#

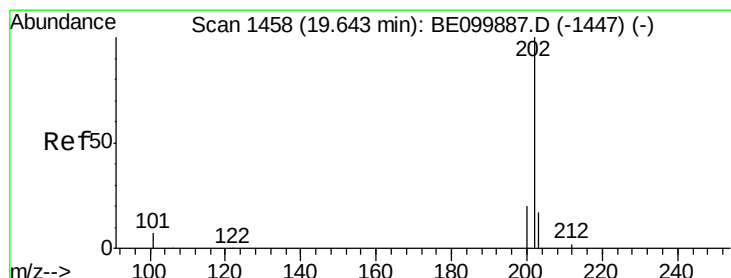
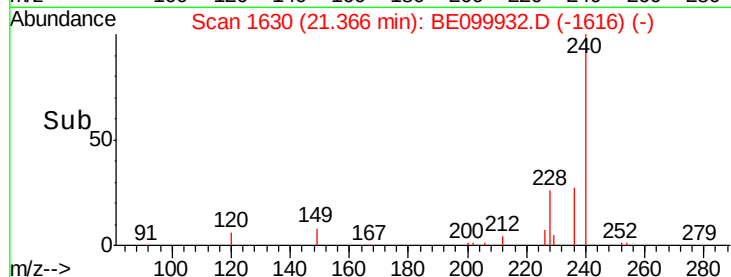
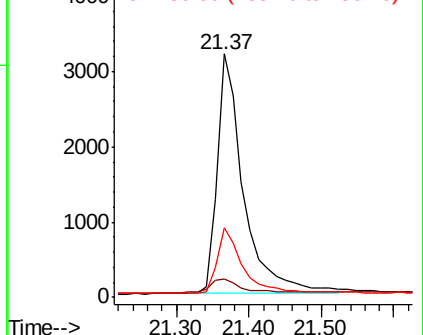
236 28.5 22.0 33.0



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: 0.141 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.03 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

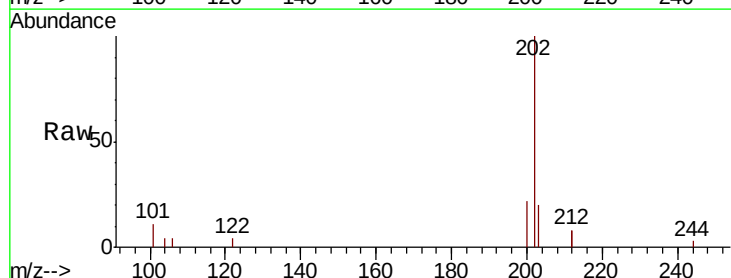
Tgt Ion:202 Resp: 3004

Ion Ratio Lower Upper

202 100

200 19.4 15.5 23.3

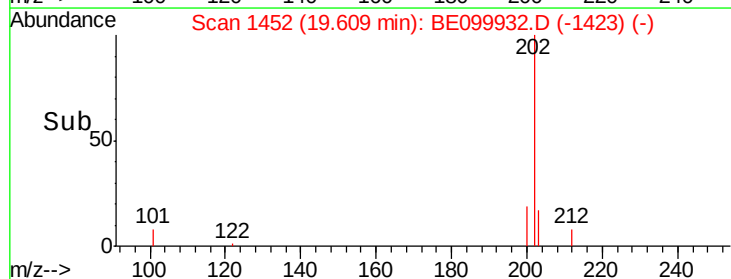
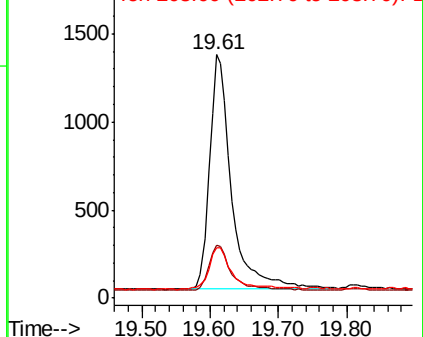
203 19.2 14.0 21.0

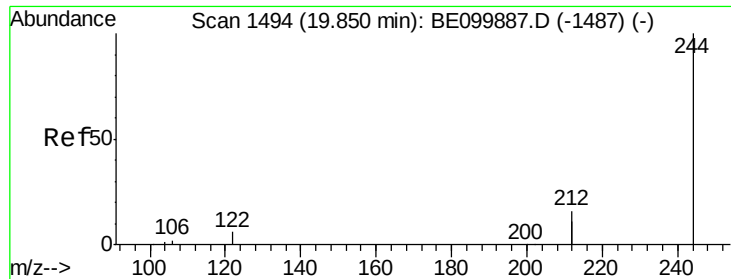


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.914 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

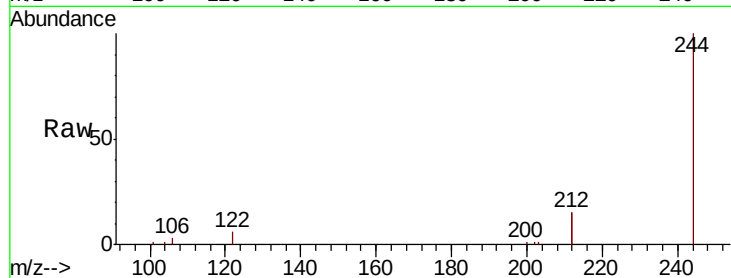
Tgt Ion:244 Resp: 13388

Ion Ratio Lower Upper

244 100

212 30.9 25.7 38.5

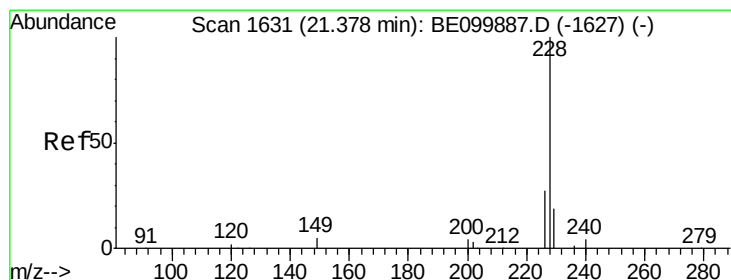
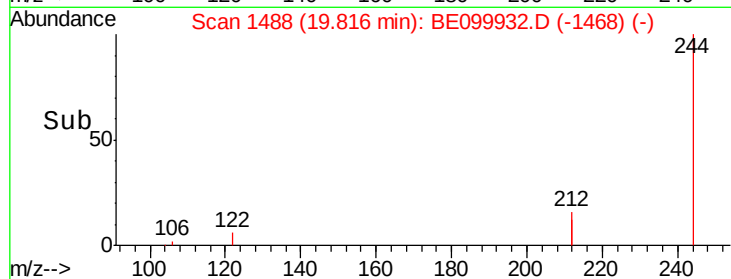
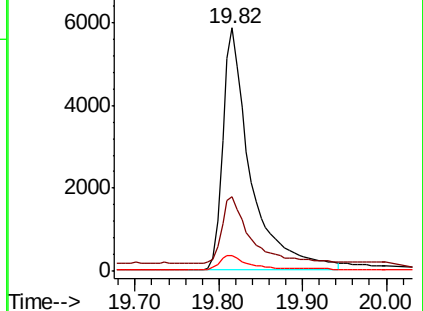
122 6.4 5.5 8.3



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: 0.100 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

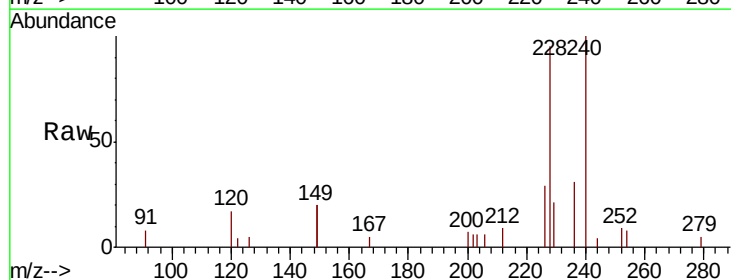
Tgt Ion:228 Resp: 2438

Ion Ratio Lower Upper

228 100

226 30.6 22.5 33.7

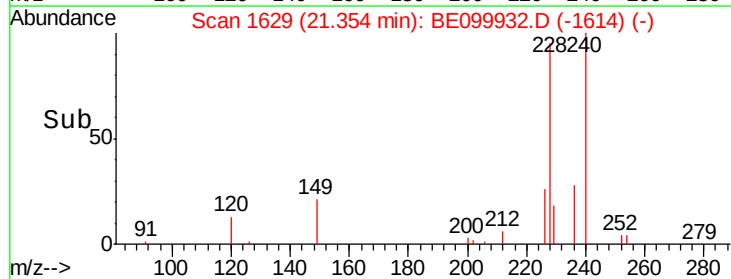
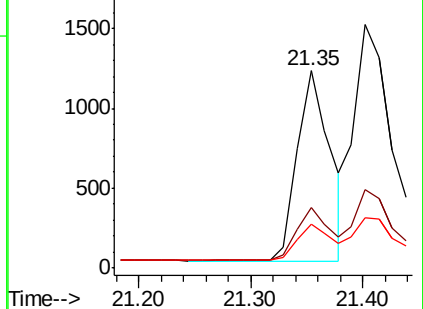
229 22.2 15.9 23.9

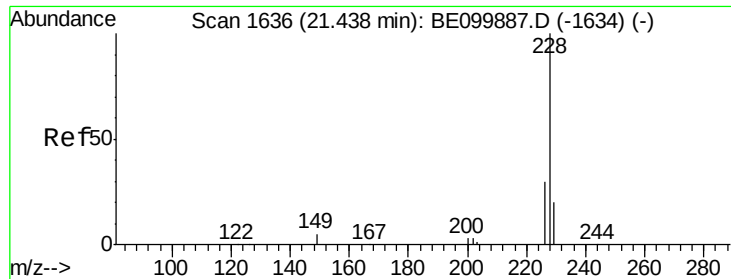


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.128 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

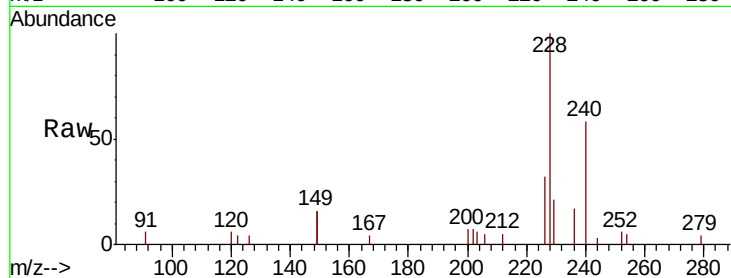
Tgt Ion:228 Resp: 3212

Ion Ratio Lower Upper

228 100

226 32.0 24.1 36.1

229 20.5 16.1 24.1

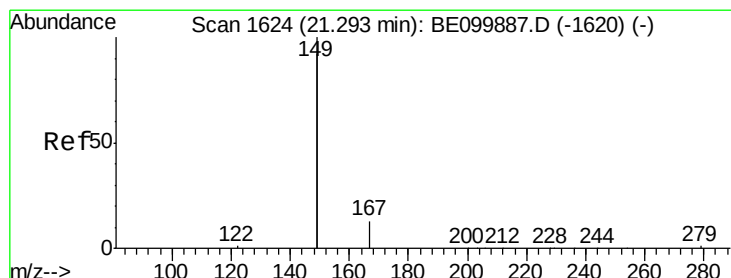
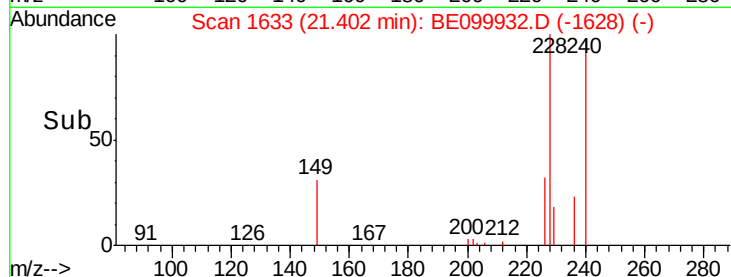
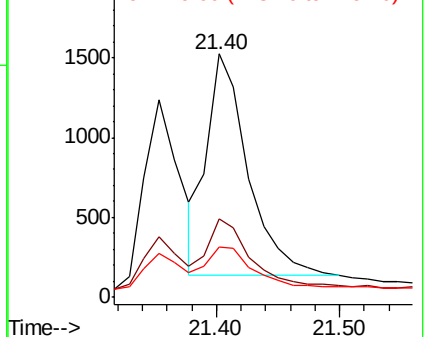


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

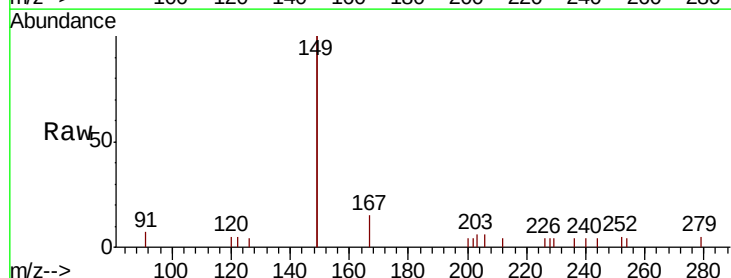
Tgt Ion:149 Resp: 3288

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

279 1.8 1.2 1.8#

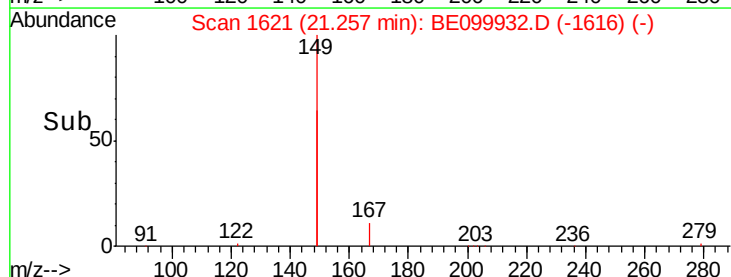
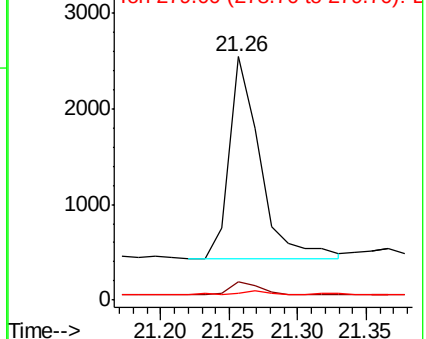


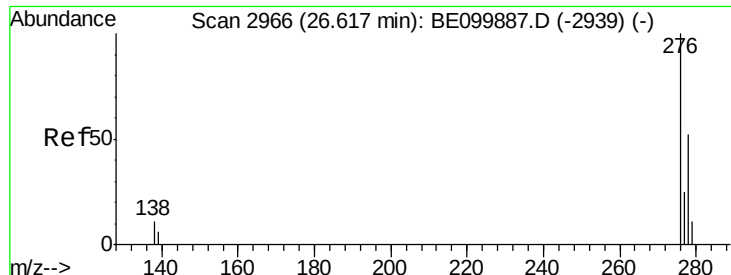
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.096 ng

RT: 26.54 min Scan# 2944

Delta R.T. -0.08 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

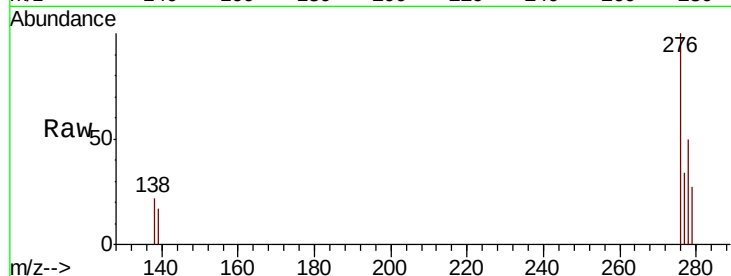
Tgt Ion:276 Resp: 2864

Ion Ratio Lower Upper

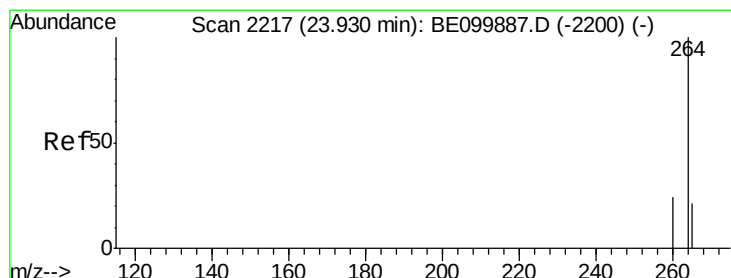
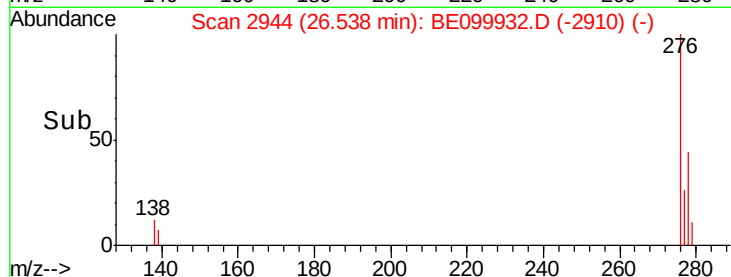
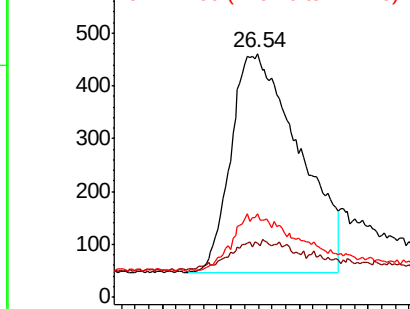
276 100

138 3.1 10.1 15.1#

277 7.0 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: 23.87 min Scan# 2199

Delta R.T. -0.06 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

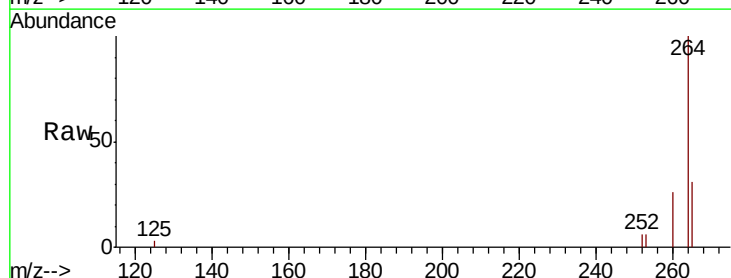
Tgt Ion:264 Resp: 9449

Ion Ratio Lower Upper

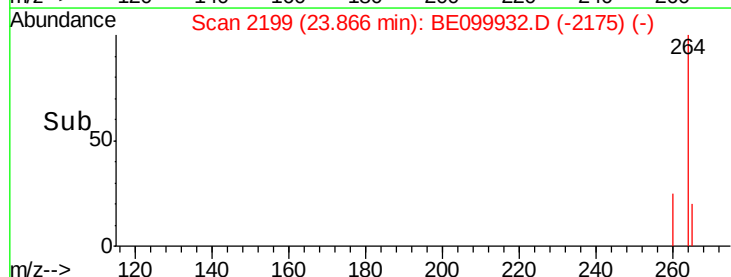
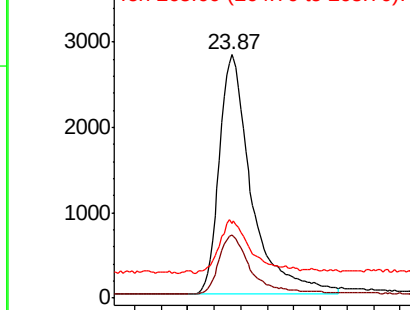
264 100

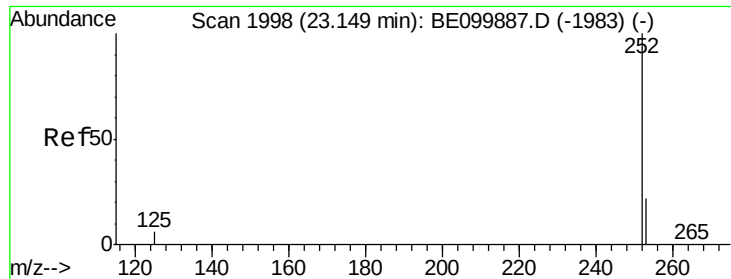
260 26.0 20.2 30.2

265 30.8 22.0 33.0



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: 0.102 ng

RT: 23.10 min Scan# 1983

Delta R.T. -0.05 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

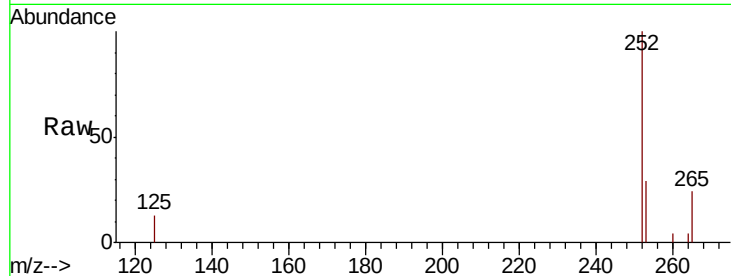
Tgt Ion:252 Resp: 2699

Ion Ratio Lower Upper

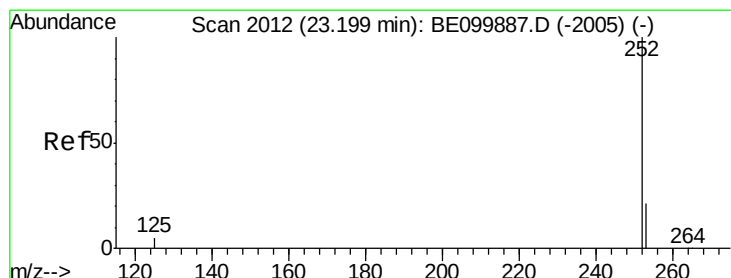
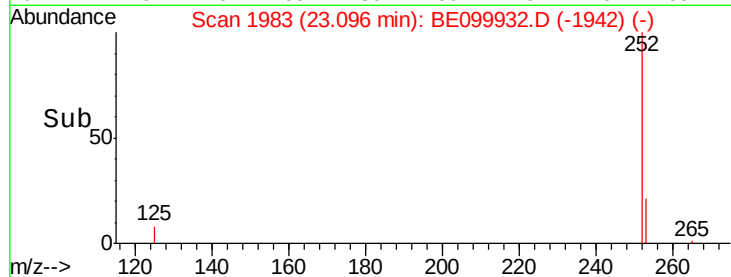
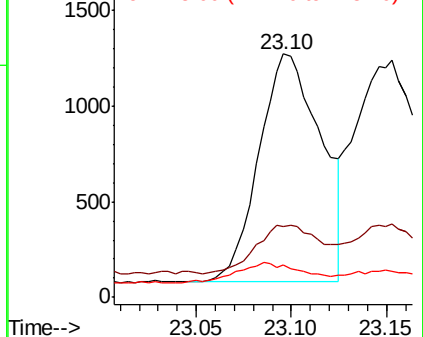
252 100

253 29.3 18.7 28.1#

125 13.2 5.7 8.5#



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



#36

Benzo(k)fluoranthene

Concen: 0.118 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.05 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

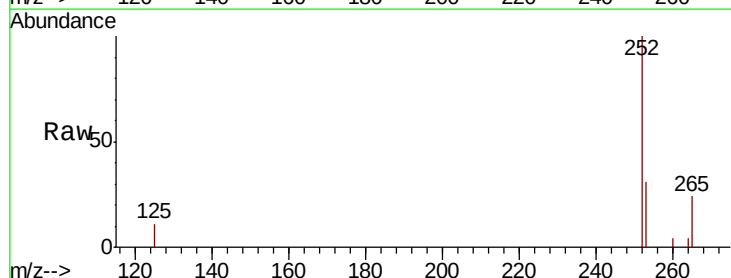
Tgt Ion:252 Resp: 3260

Ion Ratio Lower Upper

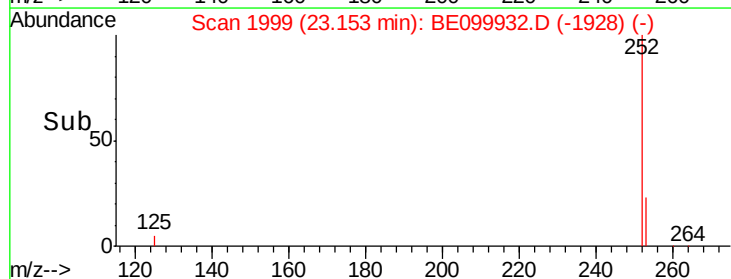
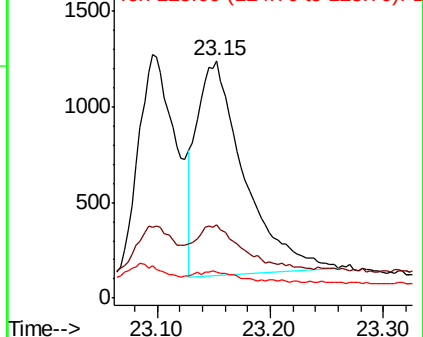
252 100

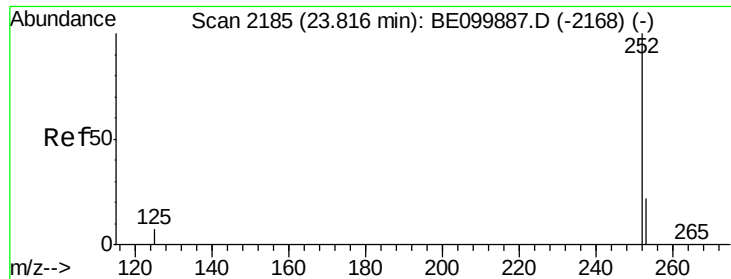
253 31.1 18.6 28.0#

125 10.9 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.121 ng

RT: 23.76 min Scan# 2168

Delta R.T. -0.06 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

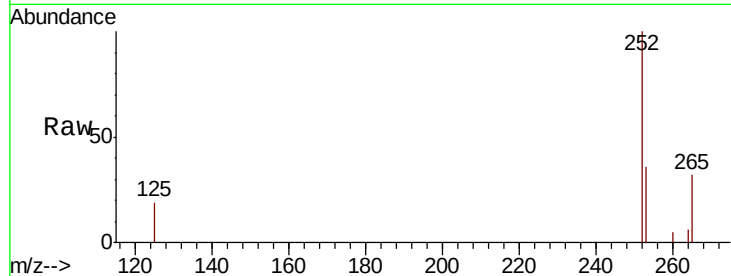
Tgt Ion:252 Resp: 3146

Ion Ratio Lower Upper

252 100

253 36.4 19.6 29.4#

125 18.7 6.6 10.0#

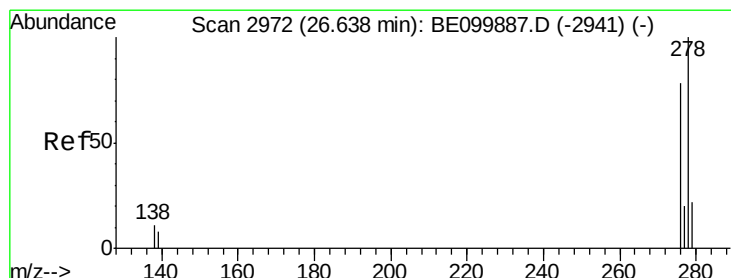
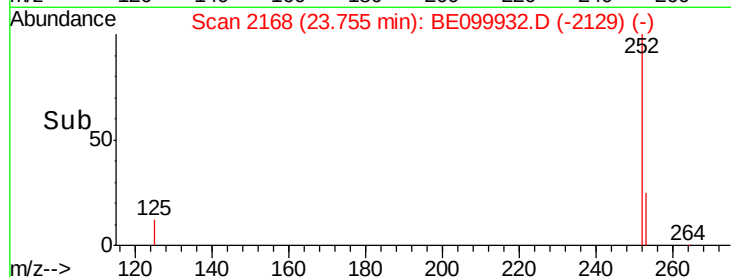
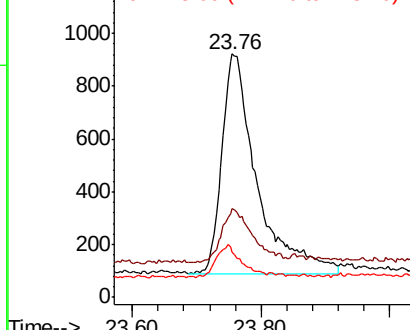


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.088 ng

RT: 26.58 min Scan# 2955

Delta R.T. -0.06 min

Lab File: BE099932.D

Acq: 11 Jun 2019 19:56

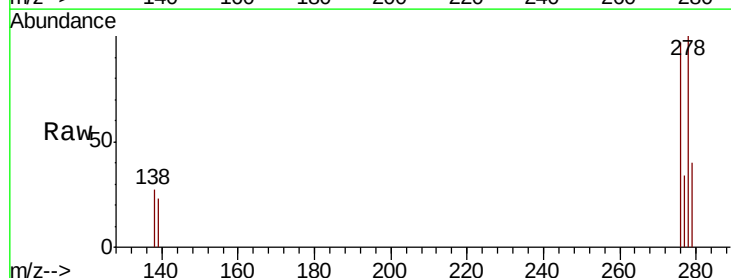
Tgt Ion:278 Resp: 2313

Ion Ratio Lower Upper

278 100

139 23.1 7.8 11.8#

279 40.0 20.0 30.0#

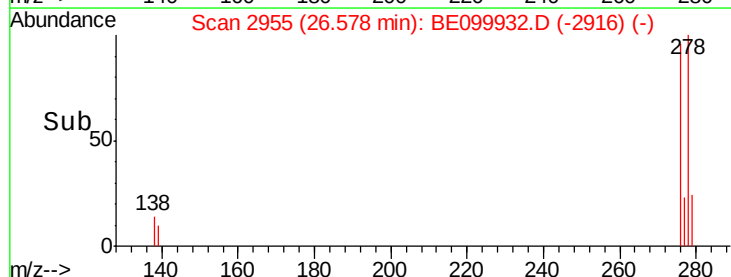
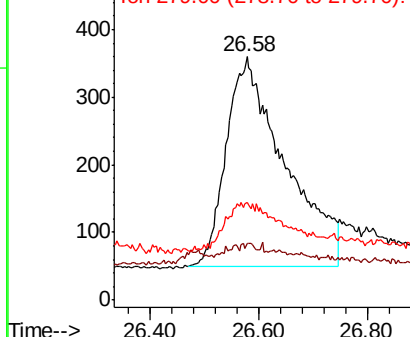


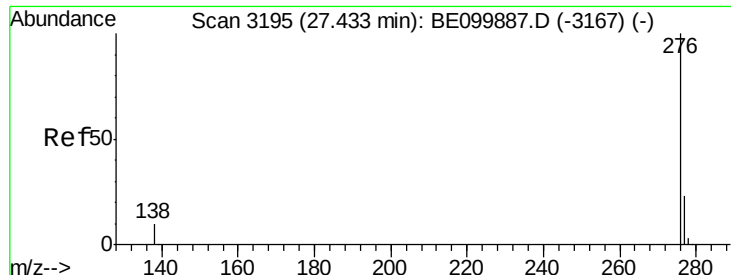
Abundance

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: 0.106 ng

RT: 27.34 min Scan# 3169

Delta R.T. -0.09 min

Lab File: BE099932.D

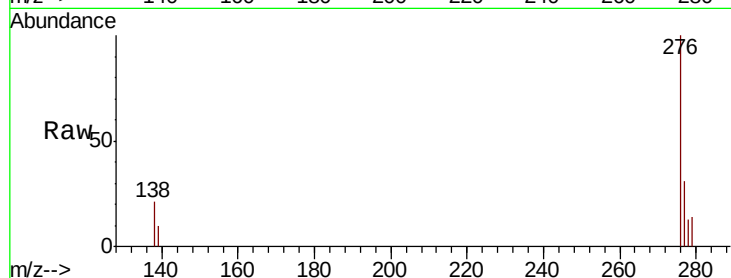
Acq: 11 Jun 2019 19:56

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019



Tgt Ion: 276 Resp: 2888

Ion Ratio Lower Upper

276 100

277 31.4 19.5 29.3#

138 20.7 9.5 14.3#

