

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040319\
 Data File : BE099290.D
 Acq On : 3 Apr 2019 14:20
 Operator : JU/SJ
 Sample : K1560-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Quant Time: Apr 04 03:42:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3414	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	12465	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	8039	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	24194	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	32970	0.40	ng	-0.03
34) Perylene-d12	23.87	264	34500	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3304	0.36	ng	-0.02
5) Phenol-d6	6.98	99	4610	0.37	ng	-0.01
8) Nitrobenzene-d5	8.98	82	3231	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	7686	0.35	ng	-0.02
14) 2,4,6-Tribromophenol	15.94	330	1183	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	12698	0.40	ng	-0.02
25) Fluoranthene-d10	19.22	212	109632	0.34	ng	-0.02
29) Terphenyl-d14	19.82	244	26590	0.44	ng	-0.02

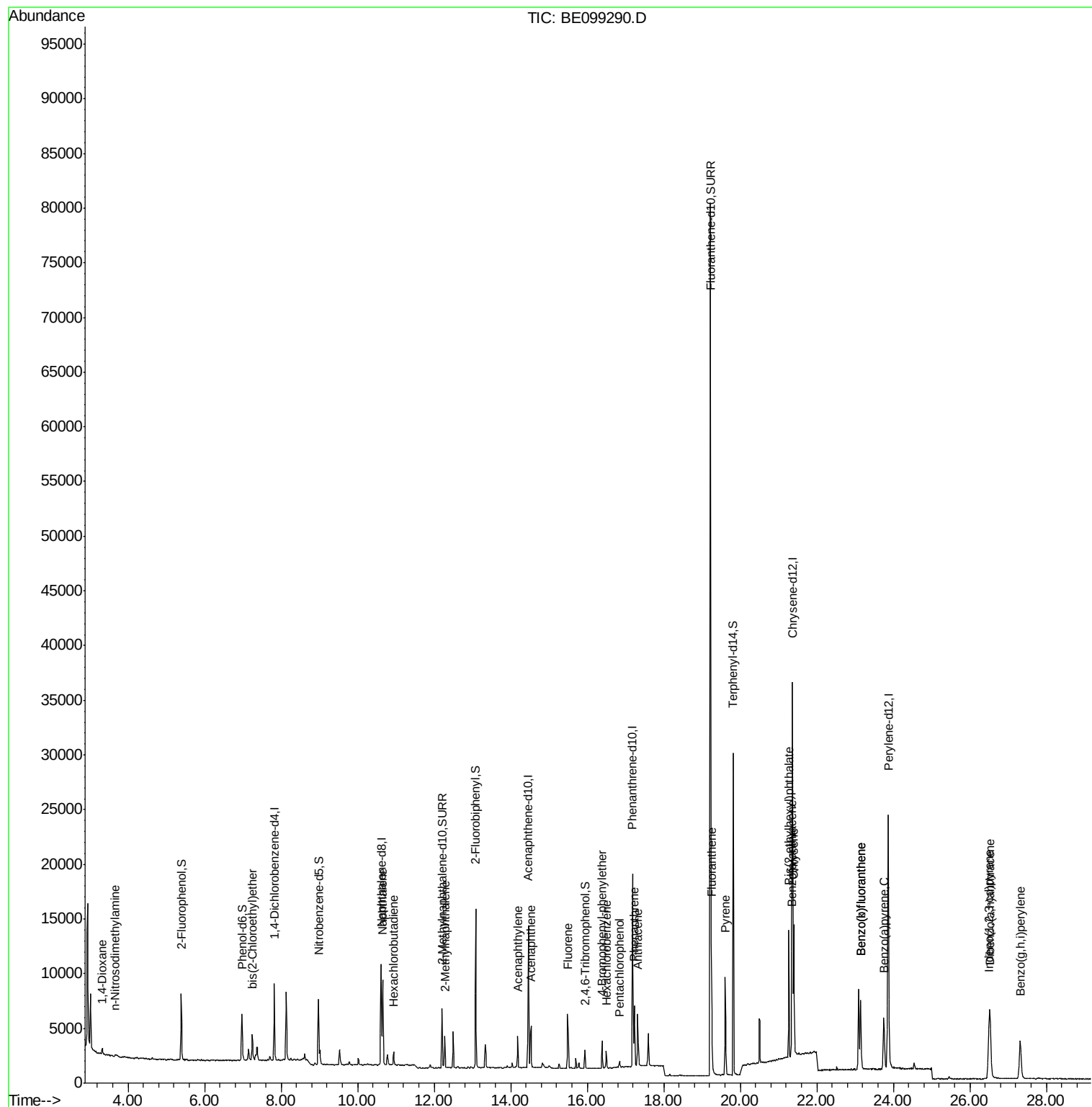
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	531	0.114	ng	# 90
3) n-Nitrosodimethylamine	3.66	42	166	0.060	ng	# 89
6) bis(2-Chloroethyl)ether	7.24	93	1031	0.092	ng	98
9) Naphthalene	10.65	128	12973	0.096	ng	98
10) Hexachlorobutadiene	10.94	225	896	0.102	ng	97
12) 2-Methylnaphthalene	12.28	142	2151	0.093	ng	97
16) Acenaphthylene	14.18	152	3205	0.084	ng	98
17) Acenaphthene	14.53	154	2160	0.096	ng	99
18) Fluorene	15.49	166	3007	0.093	ng	96
20) 4-Bromophenyl-phenylether	16.39	248	1235	0.090	ng	# 82
21) Hexachlorobenzene	16.49	284	1310	0.100	ng	97
22) Pentachlorophenol	16.84	266	343	0.063	ng	93
23) Phenanthrene	17.23	178	6023	0.096	ng	97
24) Anthracene	17.32	178	5071	0.086	ng	99
26) Fluoranthene	19.25	202	8444	0.091	ng	99
28) Pyrene	19.61	202	8456	0.097	ng	99
30) Benzo(a)anthracene	21.34	228	9393	0.090	ng	98
31) Chrysene	21.40	228	10099	0.099	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	11869	0.090	ng	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	10752	0.092	ng	98
35) Benzo(b)fluoranthene	23.15	252	9444	0.092	ng	94
36) Benzo(k)fluoranthene	23.15	252	9444	0.094	ng	94
37) Benzo(a)pyrene	23.75	252	8671	0.090	ng	# 91
38) Dibenzo(a,h)anthracene	26.53	278	8699	0.090	ng	96
39) Benzo(g,h,i)perylene	27.32	276	8903	0.093	ng	99

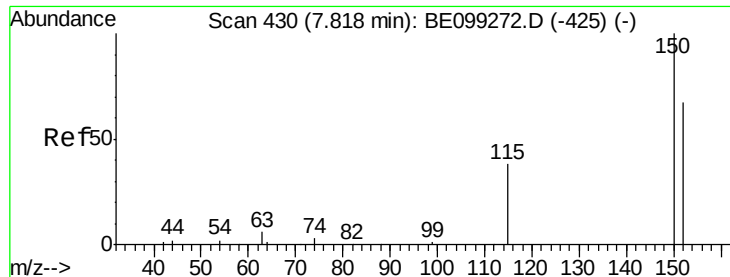
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

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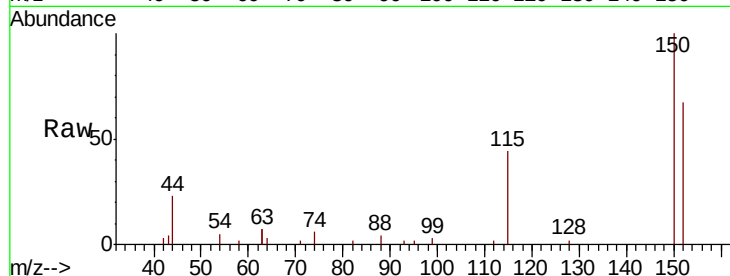
Tgt Ion:152 Resp: 3414

Ion Ratio Lower Upper

152 100

150 149.1 112.8 169.2

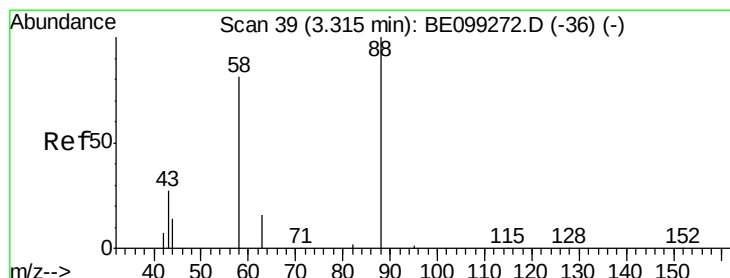
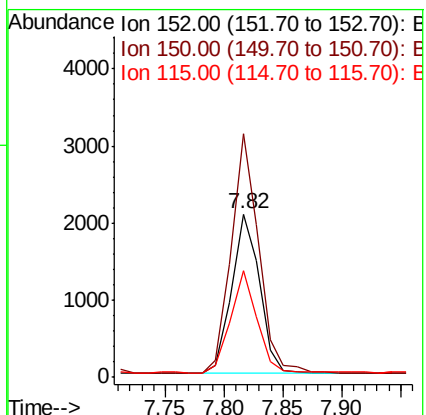
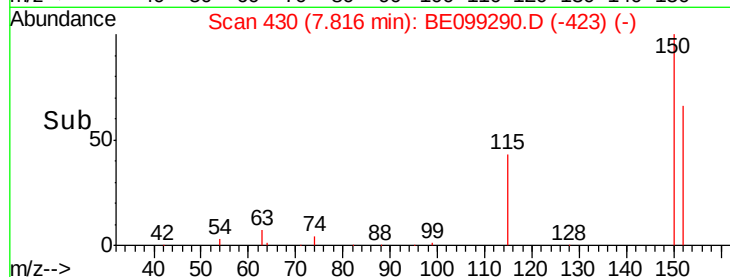
115 65.3 45.1 67.7



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: 0.114 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.01 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

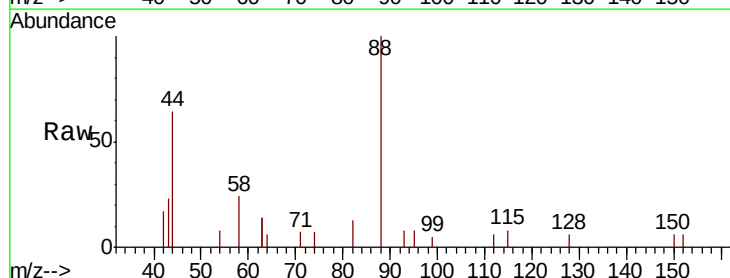
Tgt Ion: 88 Resp: 531

Ion Ratio Lower Upper

88 100

58 54.0 47.4 71.0

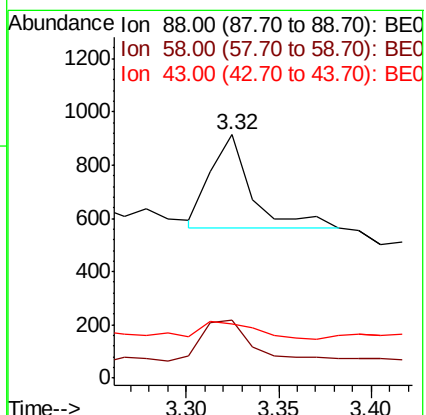
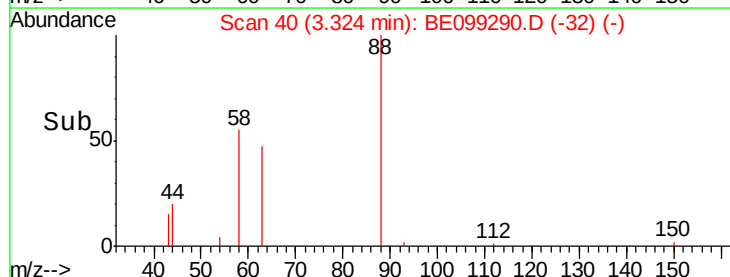
43 27.5 15.6 23.4#

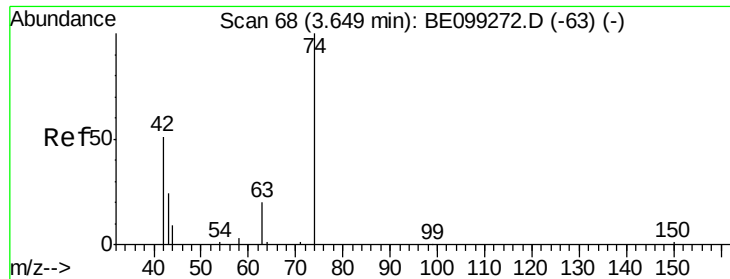


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.060 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

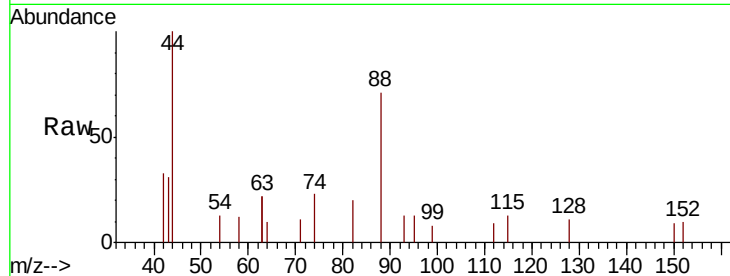
Instrument :

BNA_E

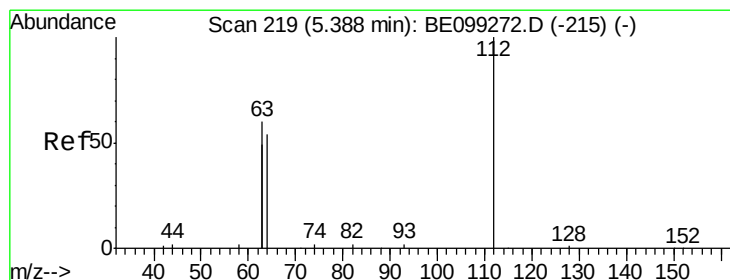
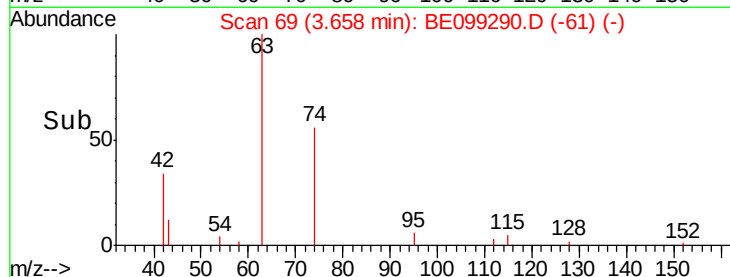
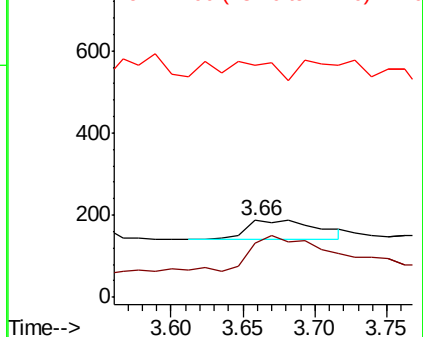
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:	42	Resp:	166
Ion	Ratio	Lower	Upper
42	100		
74	183.7	138.6	207.8
44	0.0	15.0	22.6#



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: 0.364 ng

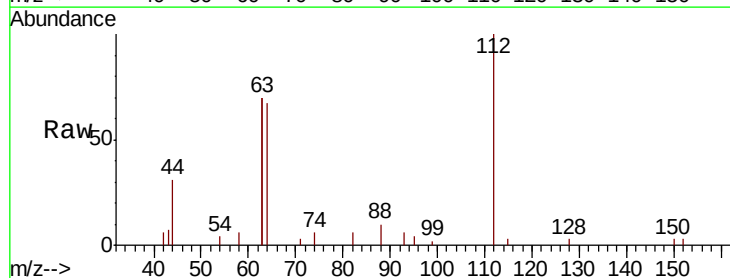
RT: 5.39 min Scan# 219

Delta R.T. -0.02 min

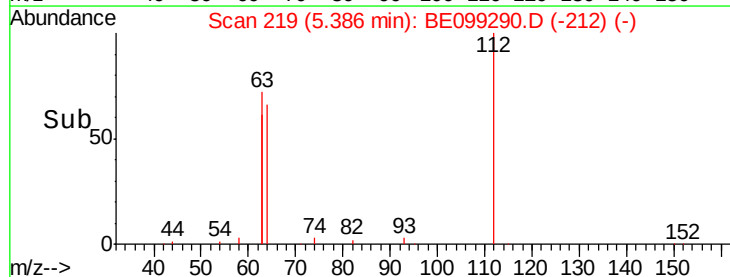
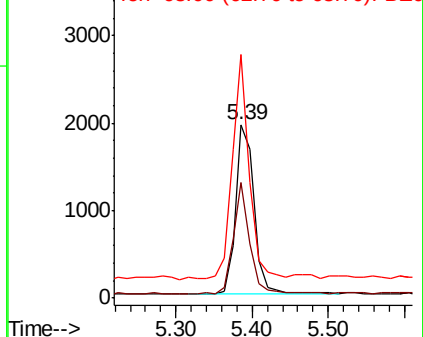
Lab File: BE099290.D

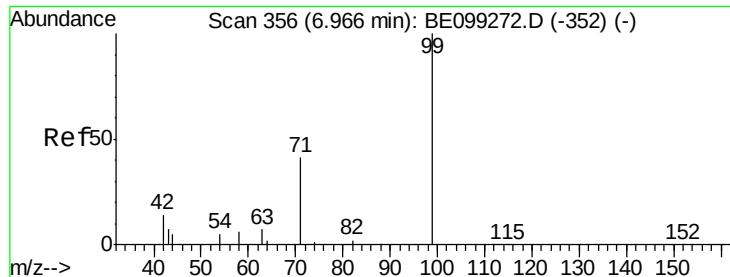
Acq: 3 Apr 2019 14:20

Tgt Ion:	112	Resp:	3304
Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.2	69.2
63	119.2	89.9	134.9



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: 0.370 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

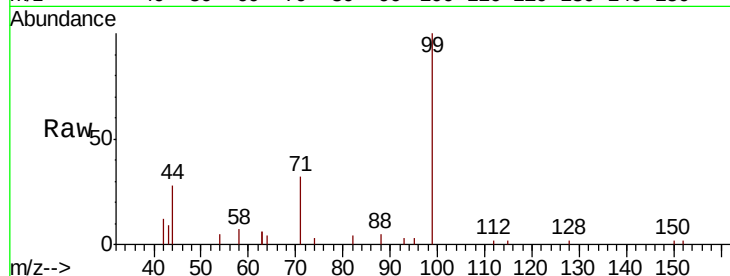
Tgt Ion: 99 Resp: 4610

Ion Ratio Lower Upper

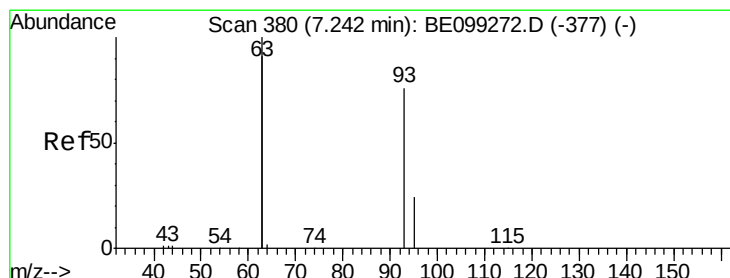
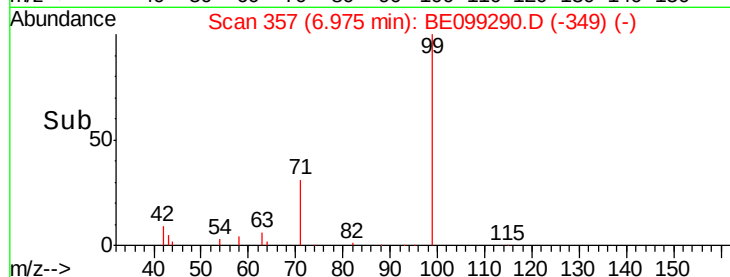
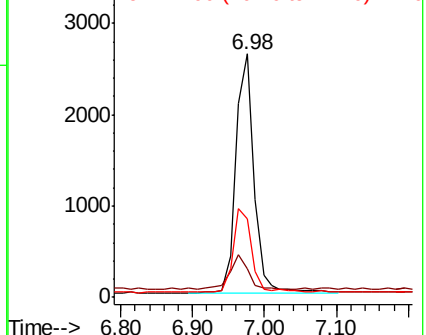
99 100

42 15.5 12.4 18.6

71 35.5 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.092 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

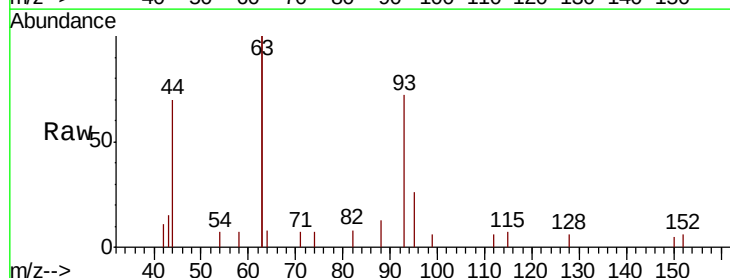
Tgt Ion: 93 Resp: 1031

Ion Ratio Lower Upper

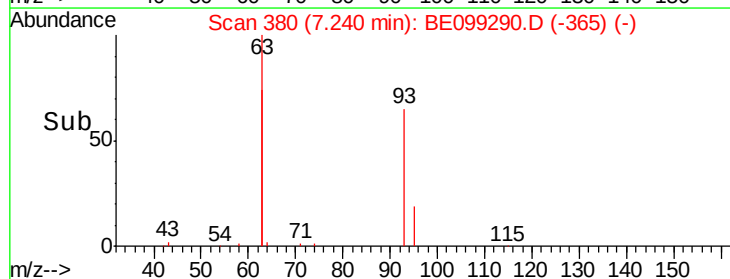
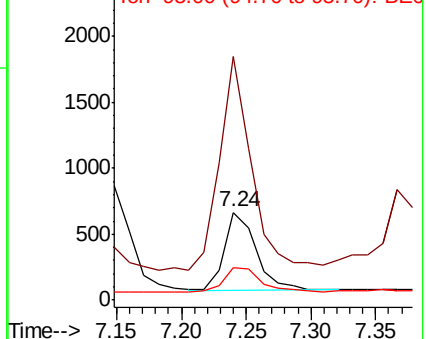
93 100

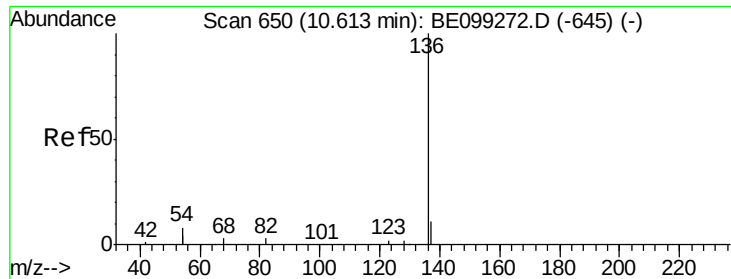
63 275.2 221.4 332.0

95 37.8 25.8 38.8



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:136 Resp: 12465

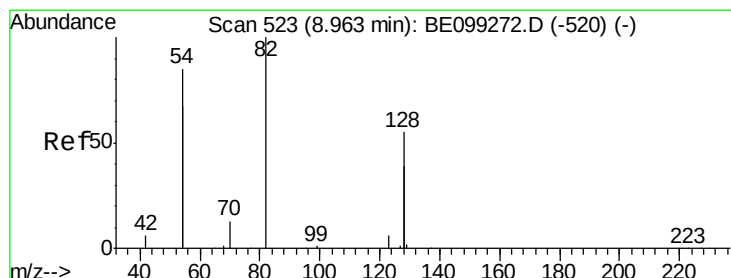
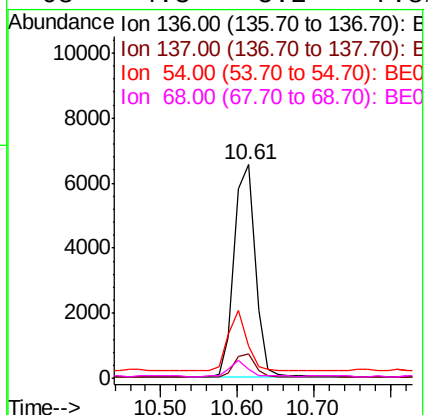
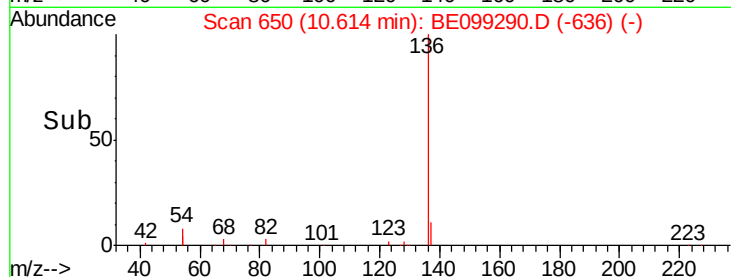
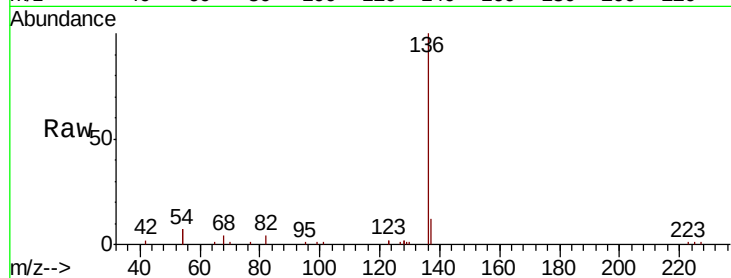
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 15.0 18.7 28.1#

68 4.3 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.378 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

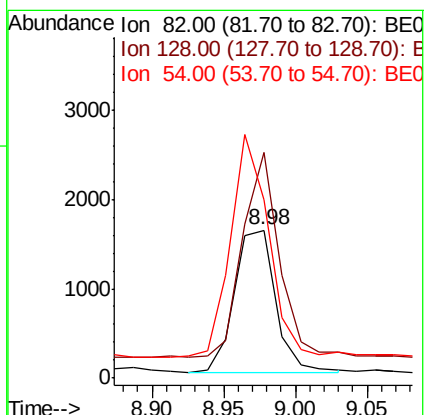
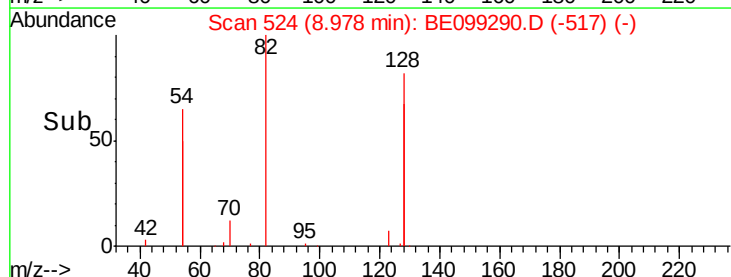
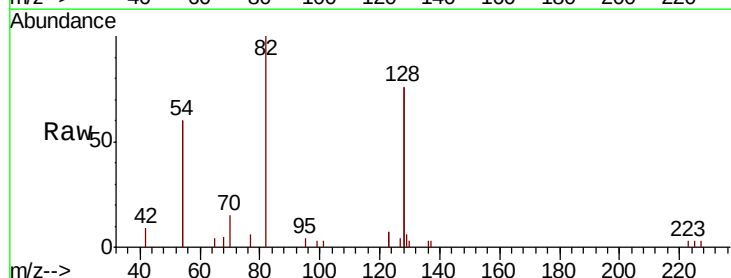
Tgt Ion: 82 Resp: 3231

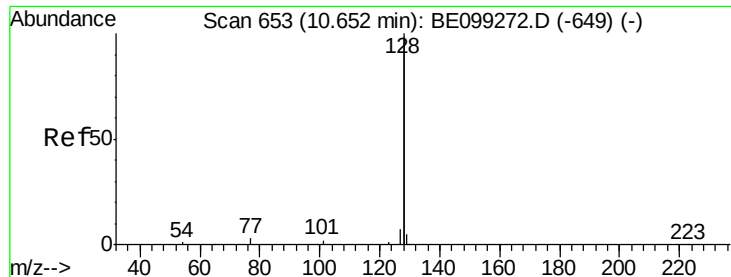
Ion Ratio Lower Upper

82 100

128 152.6 107.5 161.3

54 121.0 106.3 159.5





#9

Naphthalene

Concen: 0.096 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099290.D

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MDL-MDL-WATER-03-QT1-2019

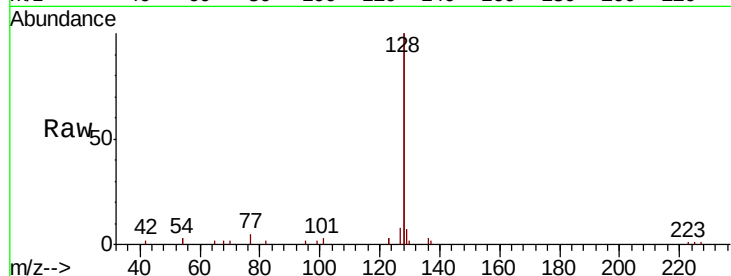
Tgt Ion:128 Resp: 12973

Ion Ratio Lower Upper

128 100

129 3.3 2.3 3.5

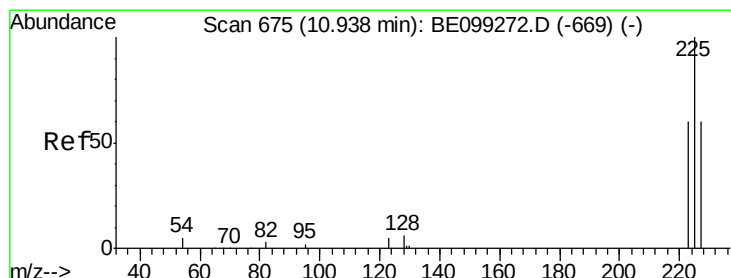
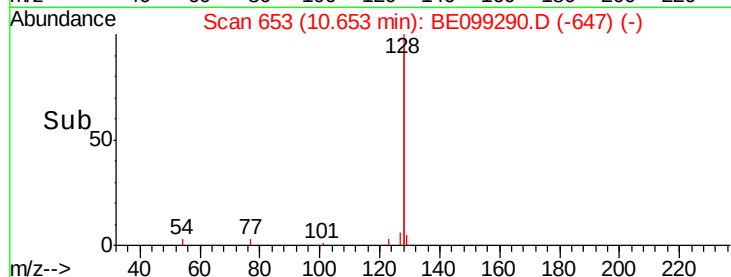
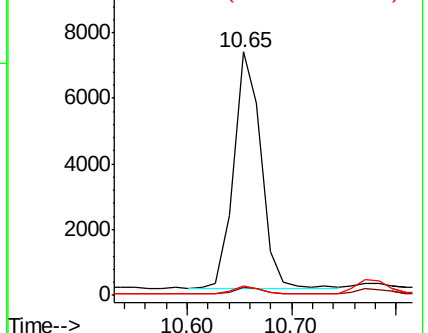
127 3.8 2.6 3.8



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: 0.102 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

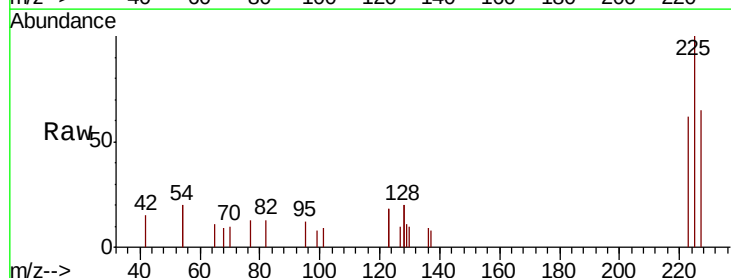
Tgt Ion:225 Resp: 896

Ion Ratio Lower Upper

225 100

223 61.4 51.3 76.9

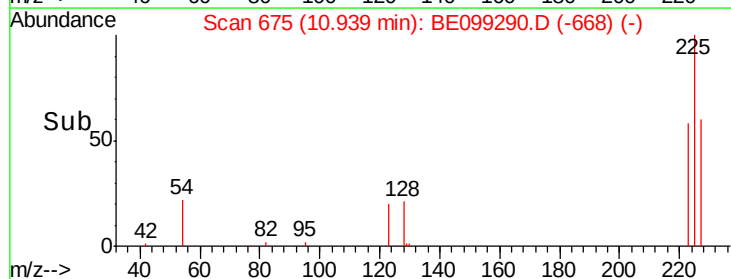
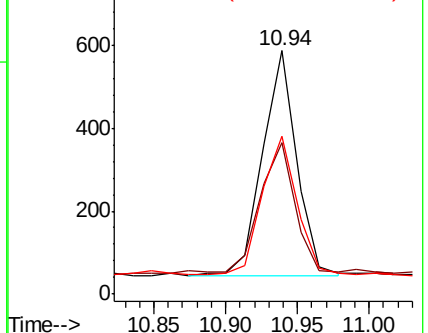
227 62.8 48.6 73.0

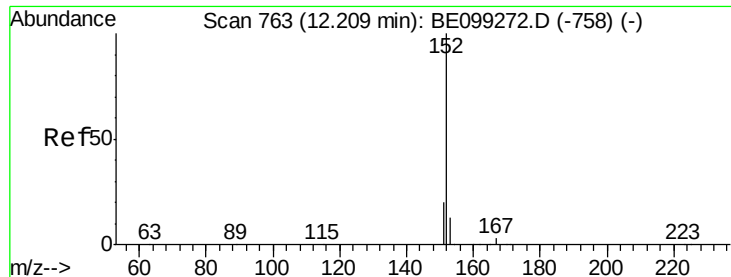


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

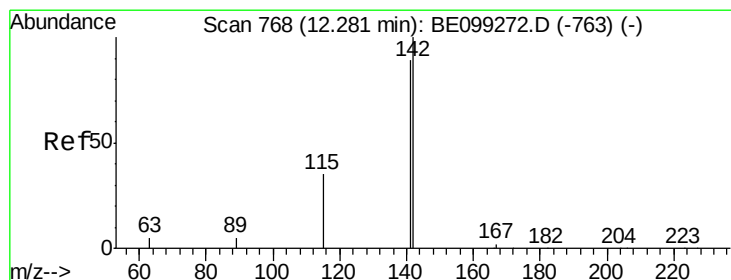
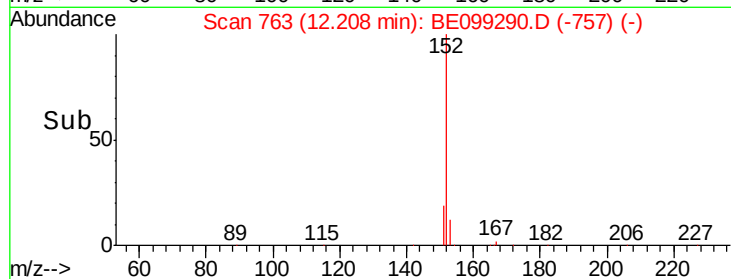
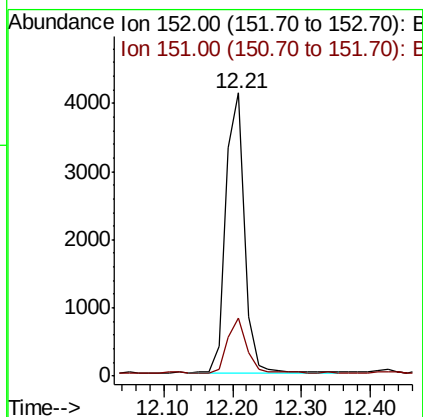
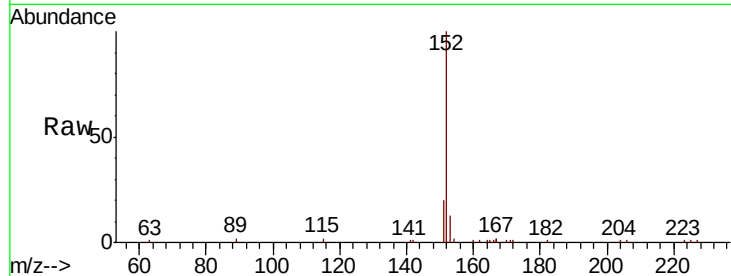




#11
 2-Methylnaphthalene-d10
 Concen: 0.353 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099290.D
 Acq: 3 Apr 2019 14:20

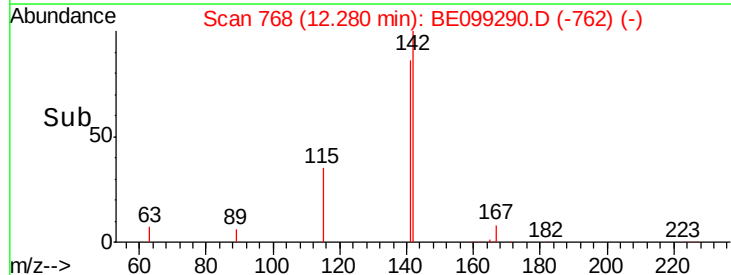
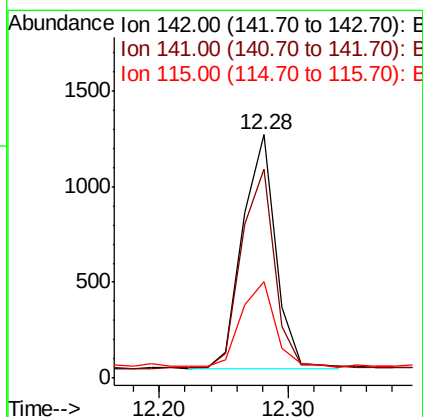
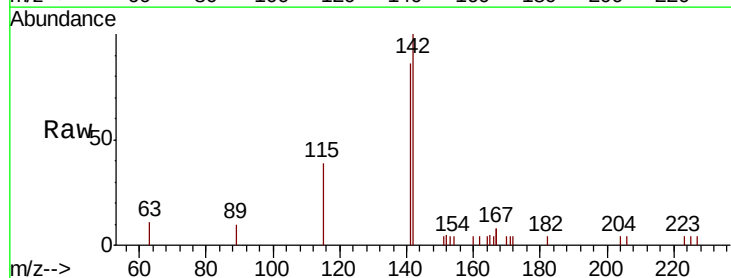
Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

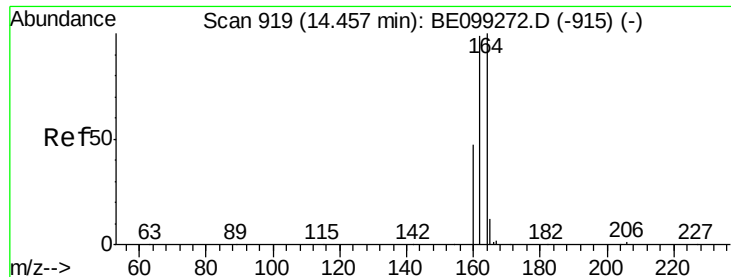
Tgt Ion:152 Resp: 7686
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.093 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE099290.D
 Acq: 3 Apr 2019 14:20

Tgt Ion:142 Resp: 2151
 Ion Ratio Lower Upper
 142 100
 141 85.9 71.3 106.9
 115 39.4 30.4 45.6

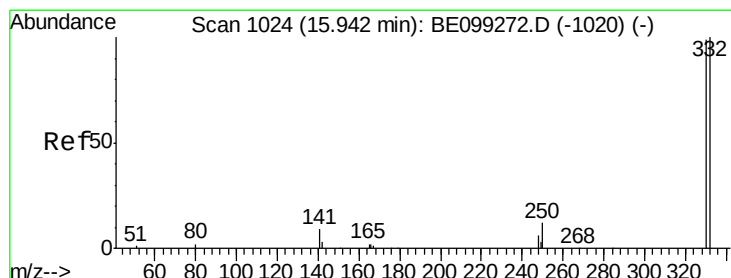
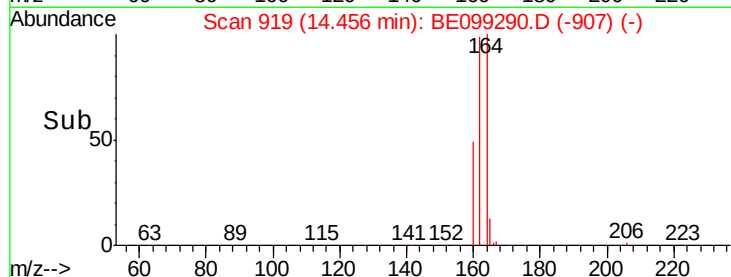
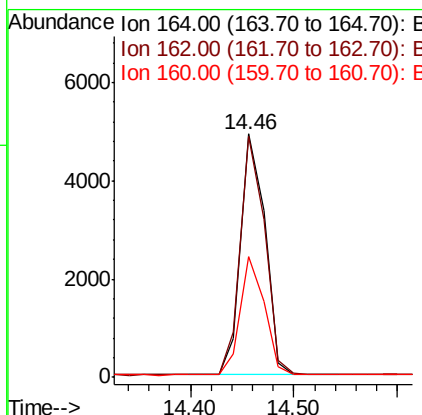
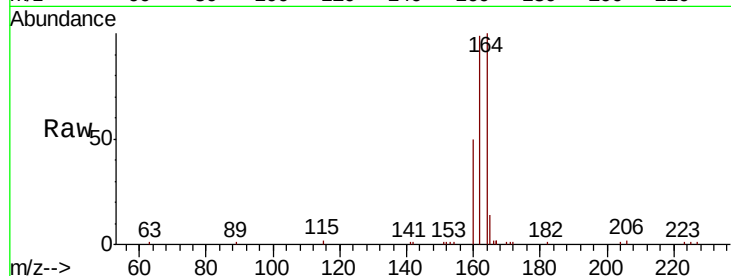




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099290.D
Acq: 3 Apr 2019 14:20

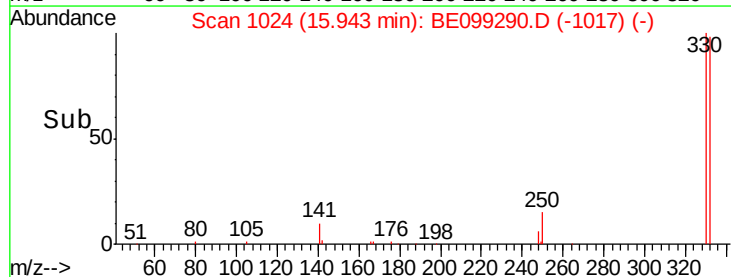
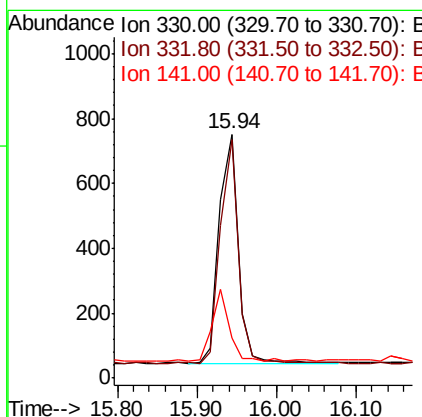
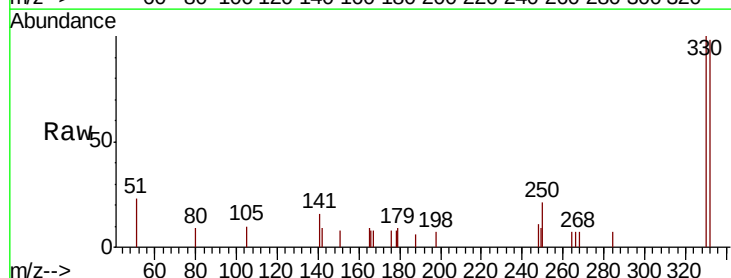
Instrument :
BNA_E
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

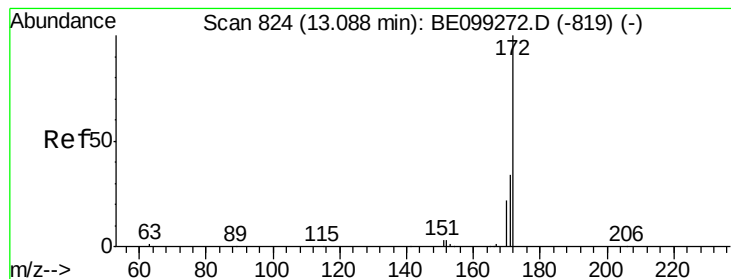
Tgt Ion:164 Resp: 8039
Ion Ratio Lower Upper
164 100
162 99.0 79.2 118.8
160 49.8 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099290.D
Acq: 3 Apr 2019 14:20

Tgt Ion:330 Resp: 1183
Ion Ratio Lower Upper
330 100
332 91.4 71.3 106.9
141 28.2 21.7 32.5





#15

2-Fluorobiphenyl

Concen: 0.402 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.02 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

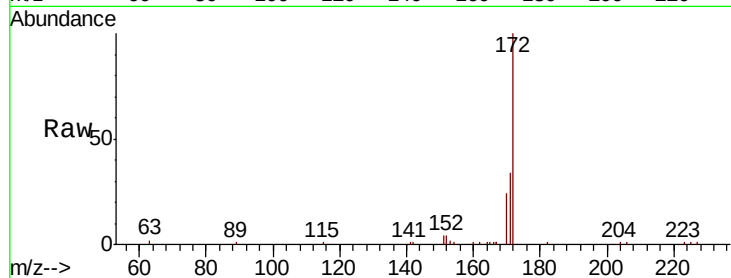
Tgt Ion:172 Resp: 12698

Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.0

170 23.7 19.1 28.7

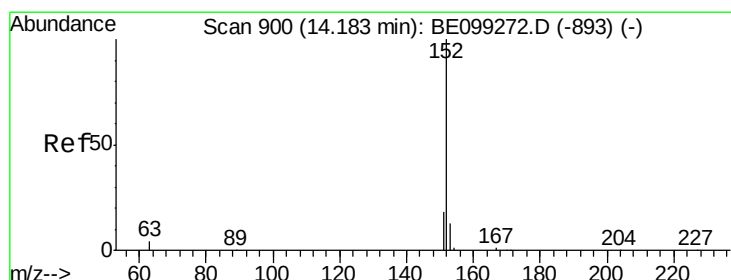
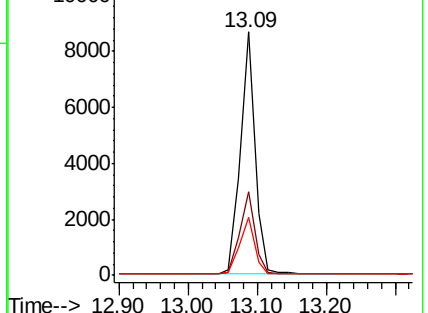
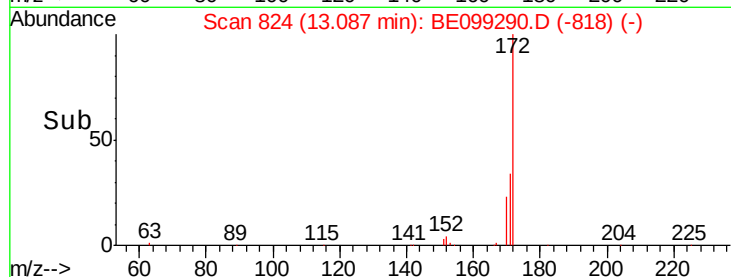


Abundance

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: 0.084 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.02 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

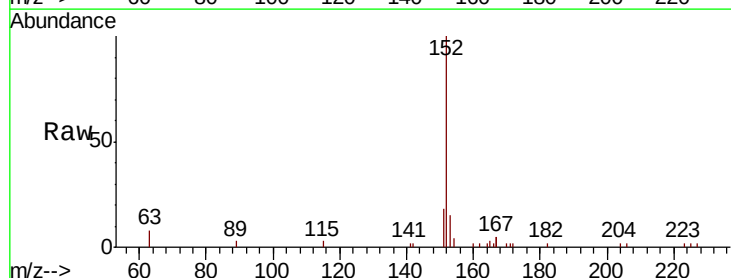
Tgt Ion:152 Resp: 3205

Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

153 14.0 10.6 15.8

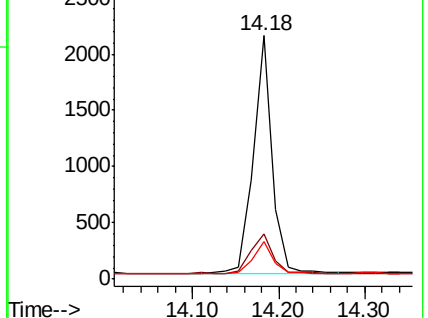
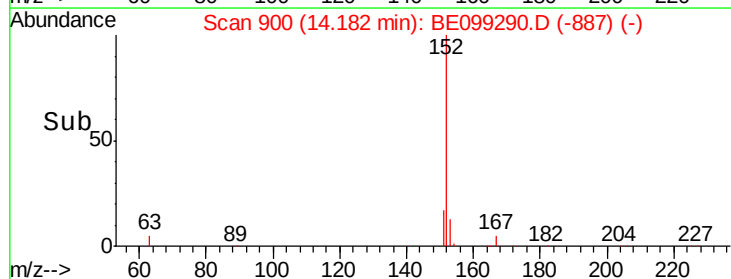


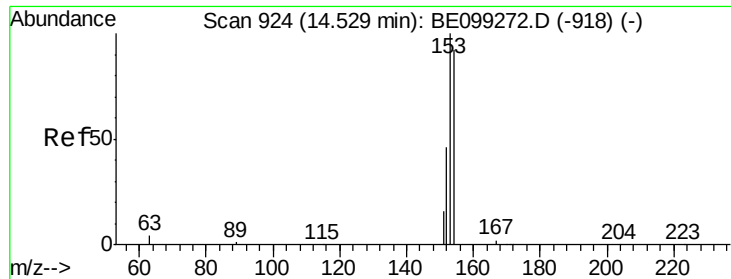
Abundance

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: 0.096 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.02 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

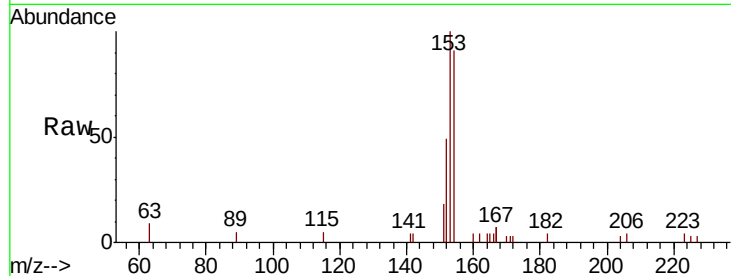
Tgt Ion:154 Resp: 2160

Ion Ratio Lower Upper

154 100

153 116.2 93.4 140.0

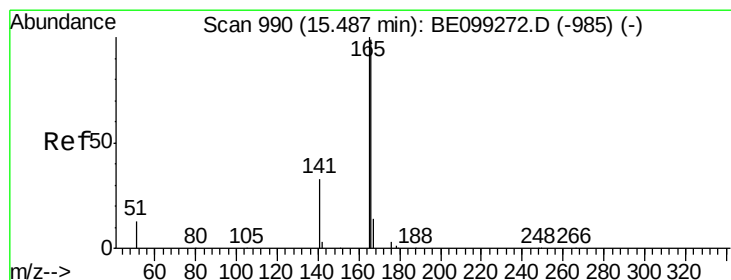
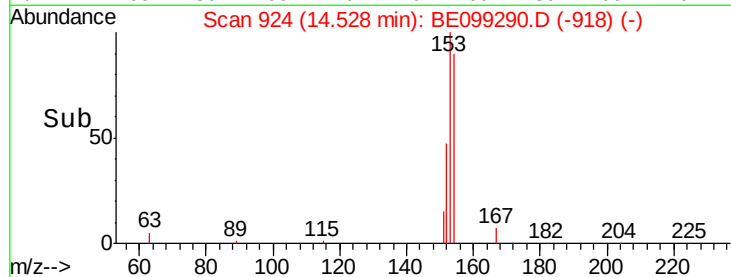
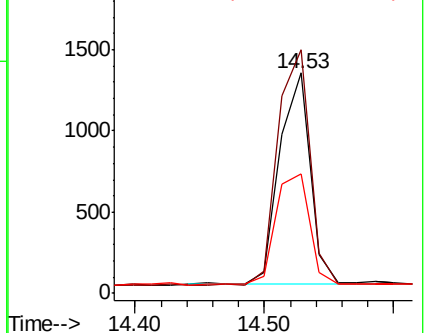
152 58.9 46.6 69.8



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: 0.093 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

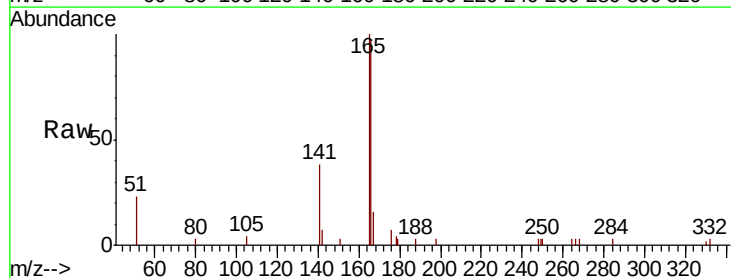
Tgt Ion:166 Resp: 3007

Ion Ratio Lower Upper

166 100

165 102.6 78.9 118.3

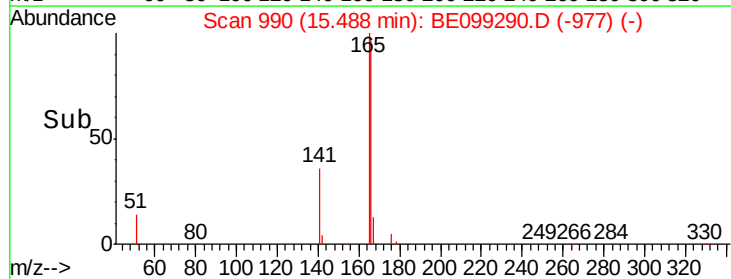
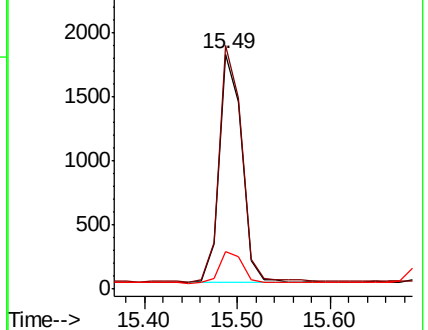
167 14.1 10.9 16.3

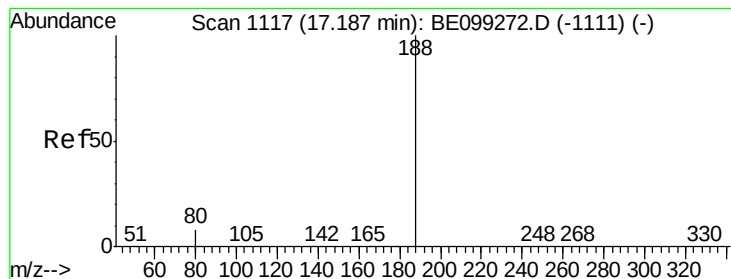


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

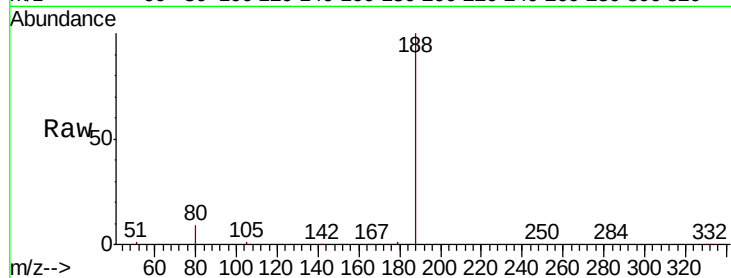
Tgt Ion:188 Resp: 24194

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

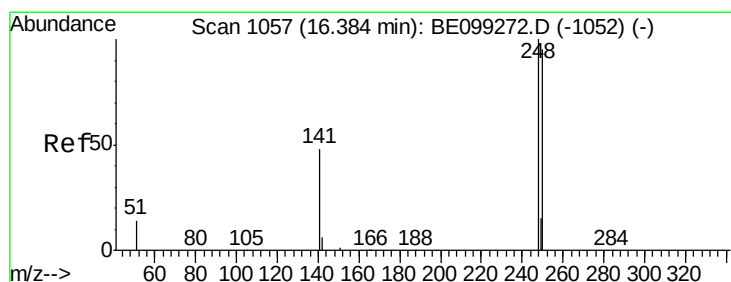
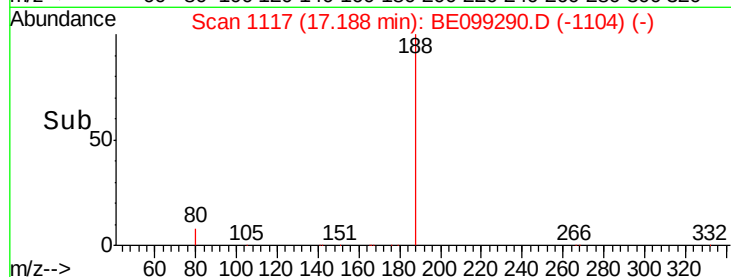
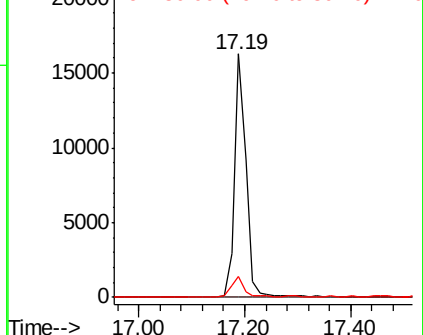
80 8.6 4.5 6.7#



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: 0.090 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

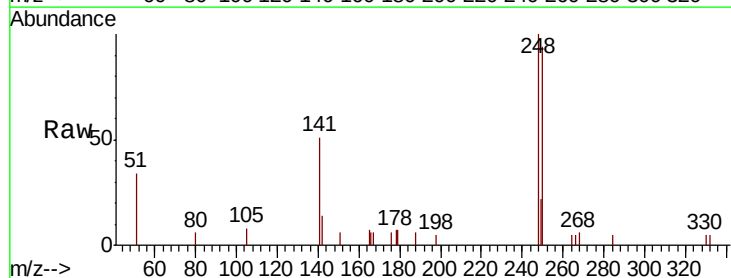
Tgt Ion:248 Resp: 1235

Ion Ratio Lower Upper

248 100

250 93.7 84.2 126.2

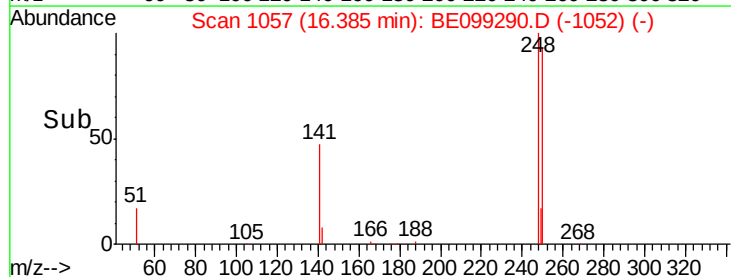
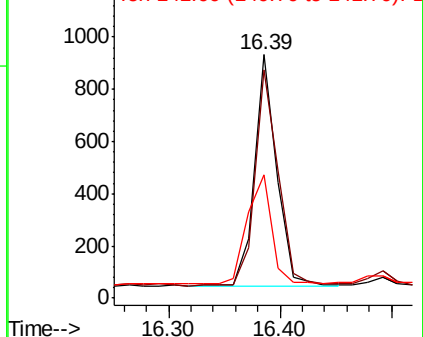
141 50.8 21.8 32.6#

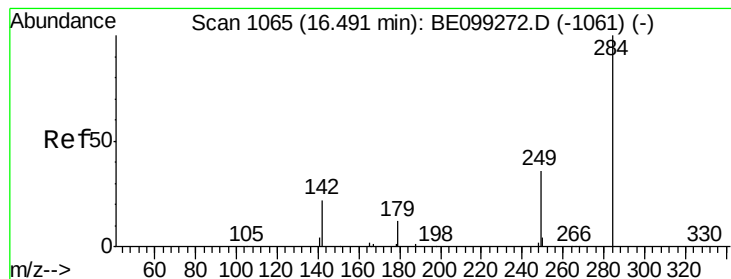


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.100 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

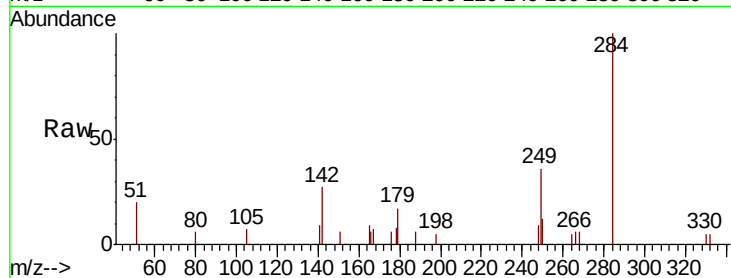
Tgt Ion:284 Resp: 1310

Ion Ratio Lower Upper

284 100

142 27.1 22.7 34.1

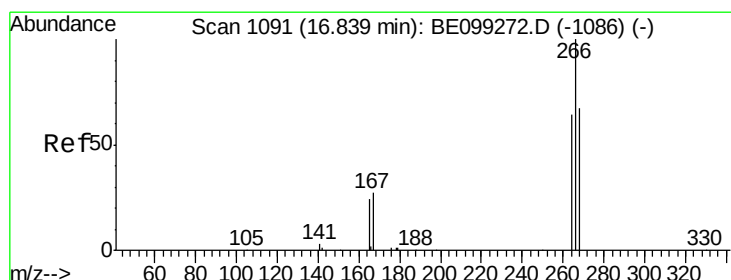
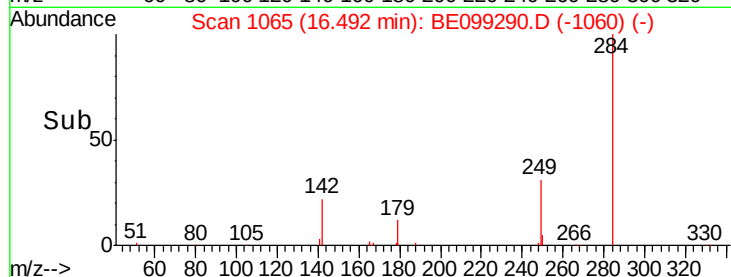
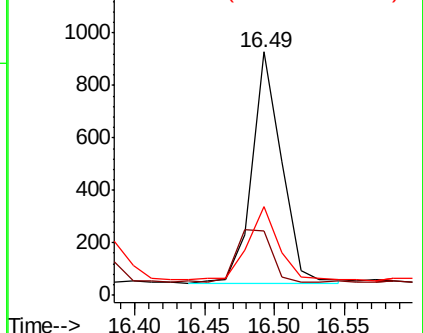
249 32.0 26.9 40.3



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: 0.063 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

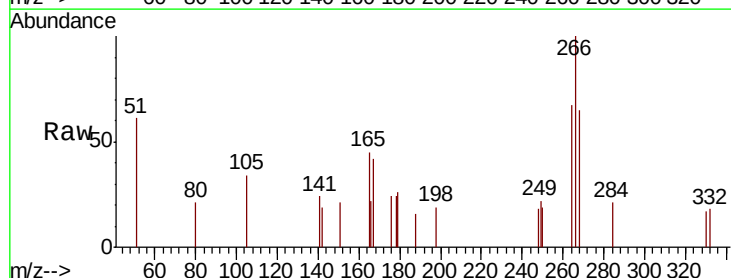
Tgt Ion:266 Resp: 343

Ion Ratio Lower Upper

266 100

264 66.9 54.4 81.6

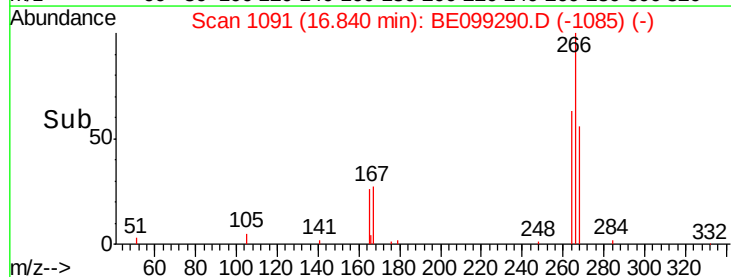
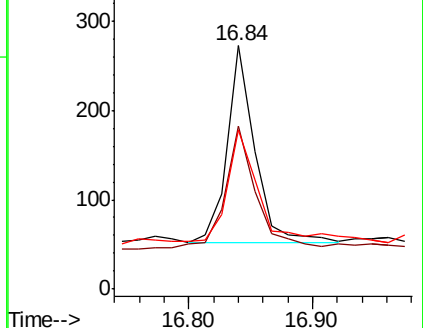
268 65.4 61.3 91.9

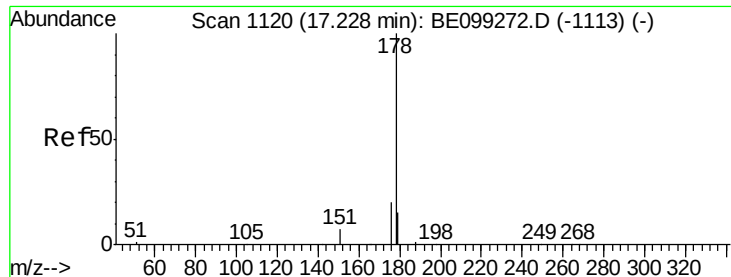


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.096 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

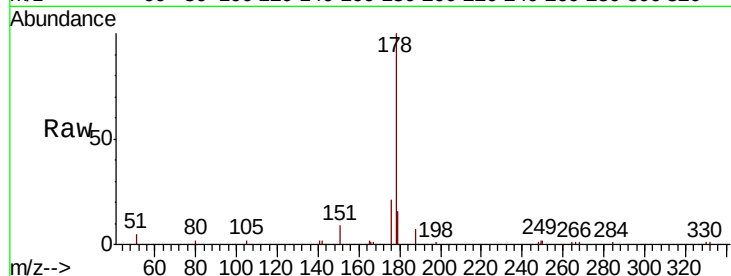
Tgt Ion:178 Resp: 6023

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.2

179 16.8 12.3 18.5

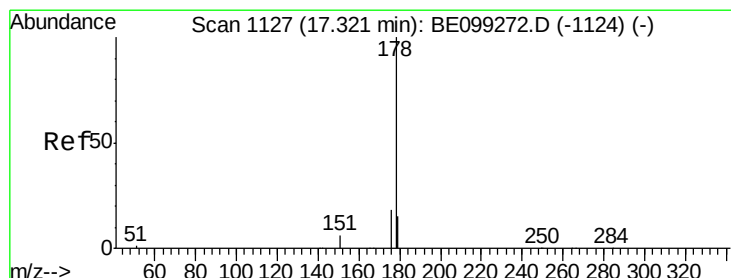
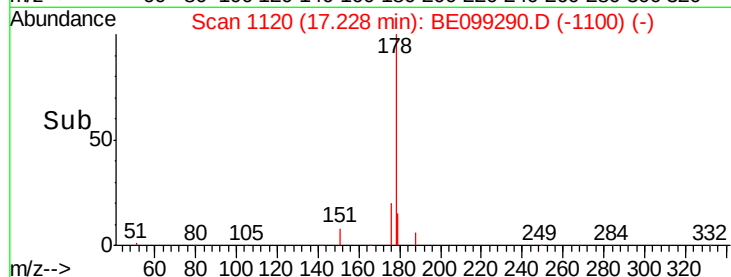
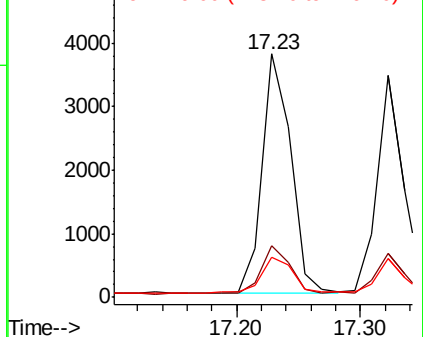


Abundance

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



#24

Anthracene

Concen: 0.086 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

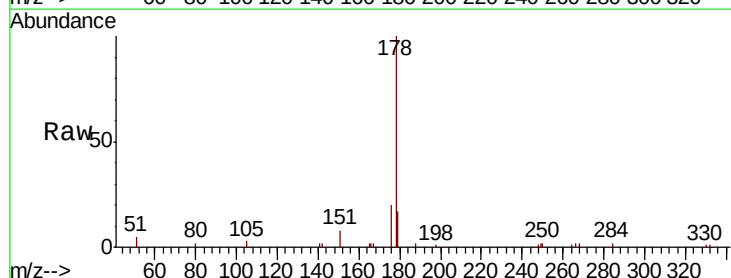
Tgt Ion:178 Resp: 5071

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 14.8 12.4 18.6

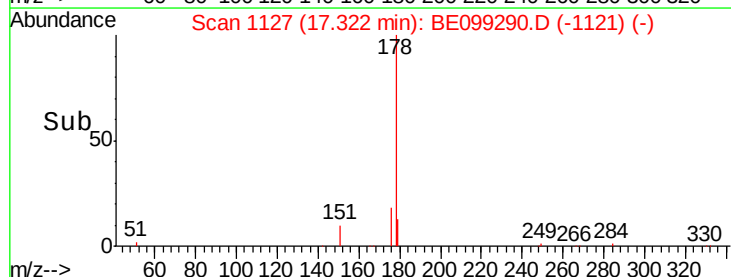
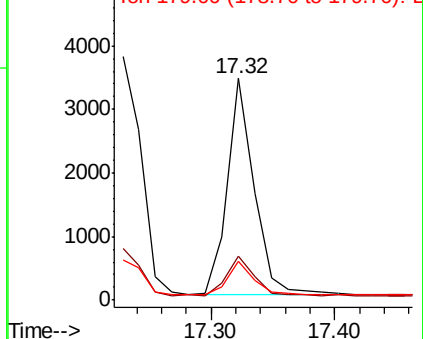


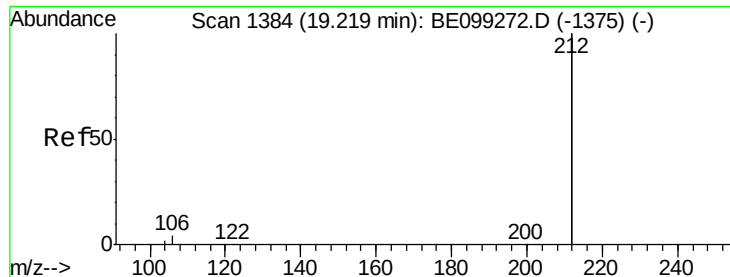
Abundance

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





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

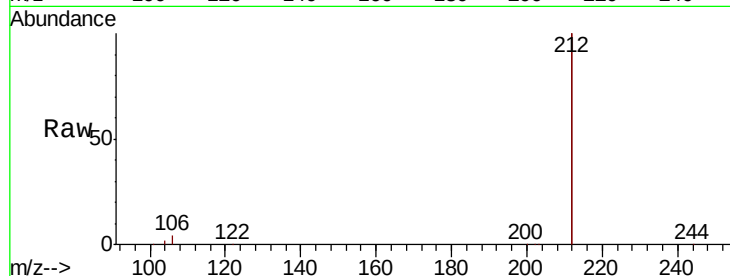
Tgt Ion:212 Resp: 109632

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

104 1.2 1.1 1.7

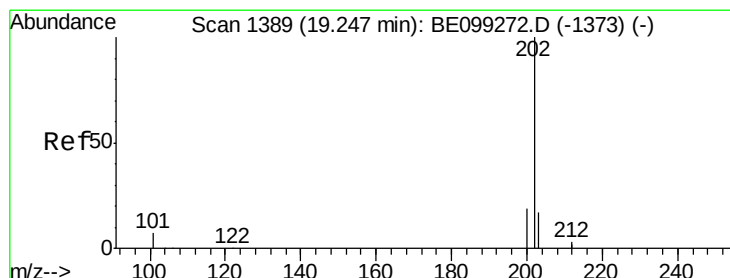
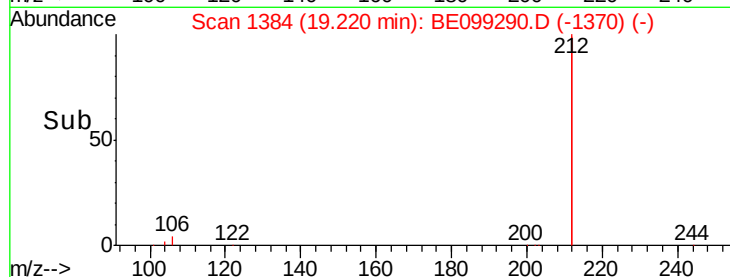
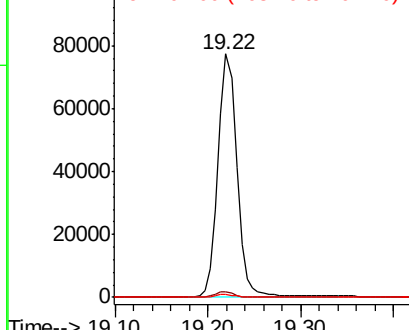


Abundance

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: 0.091 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

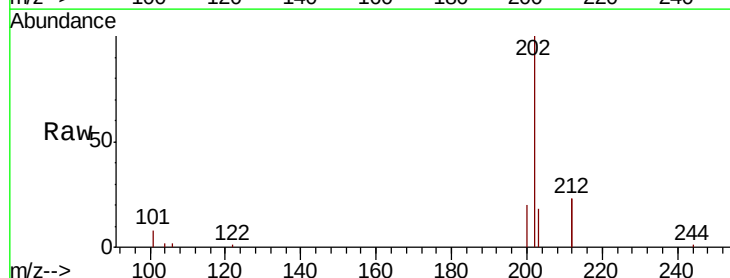
Tgt Ion:202 Resp: 8444

Ion Ratio Lower Upper

202 100

101 8.3 7.0 10.4

203 17.3 13.8 20.6

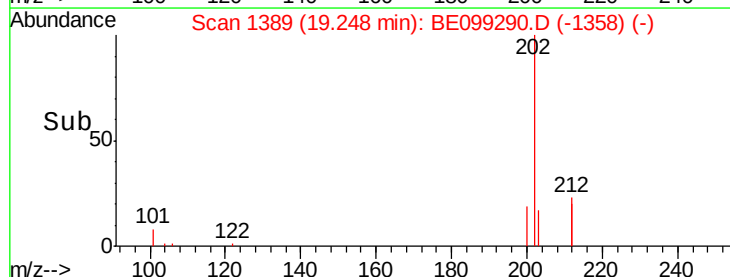
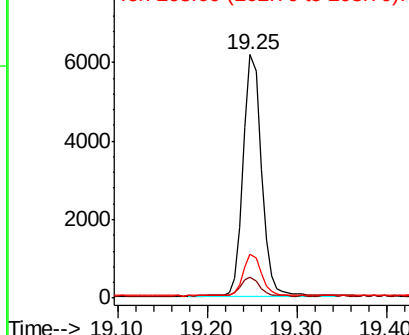


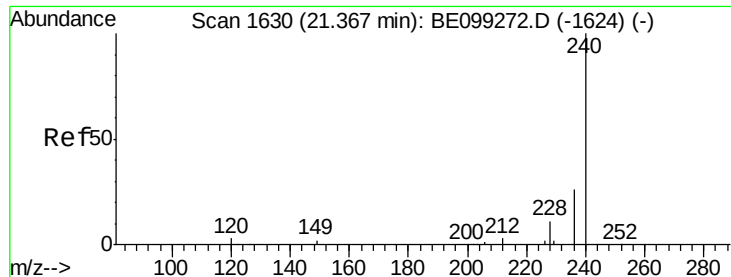
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1629

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

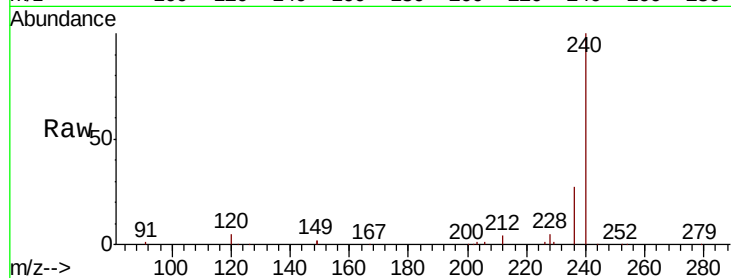
Tgt Ion:240 Resp: 32970

Ion Ratio Lower Upper

240 100

120 4.5 2.6 3.8#

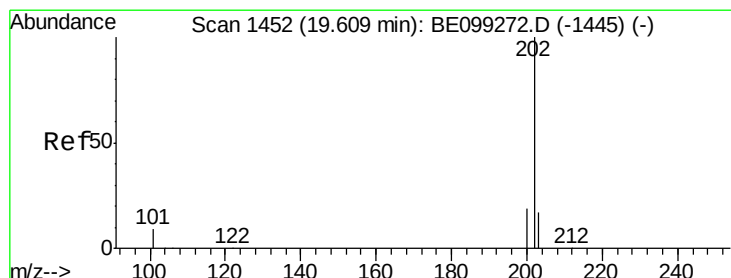
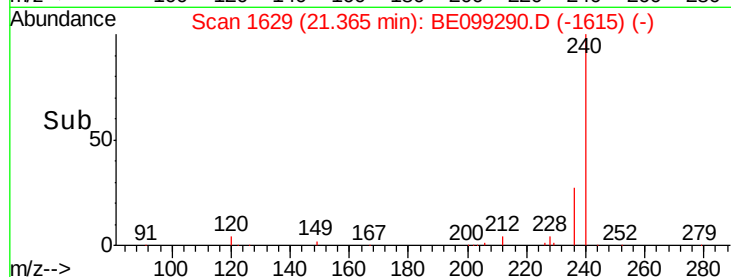
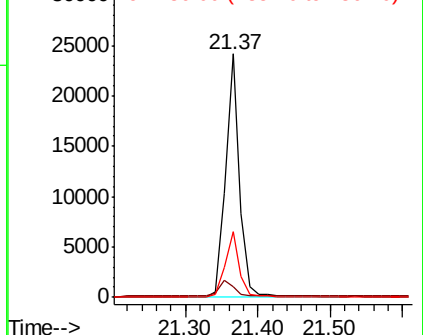
236 26.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.097 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

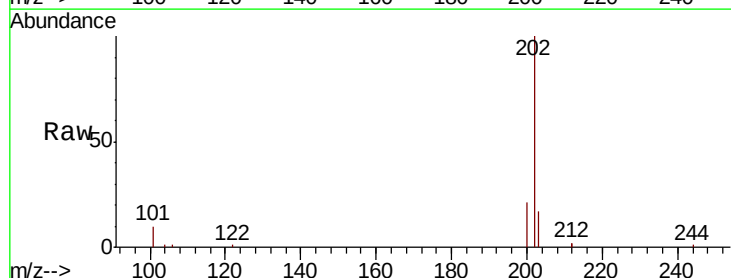
Tgt Ion:202 Resp: 8456

Ion Ratio Lower Upper

202 100

200 19.4 15.8 23.8

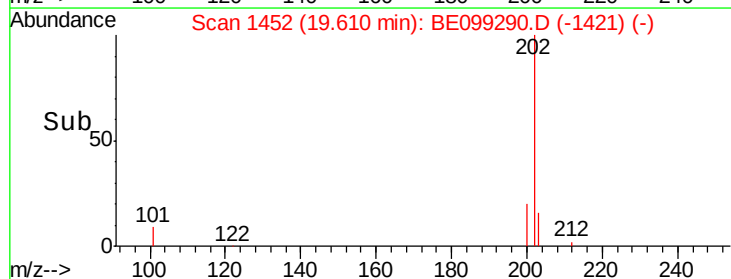
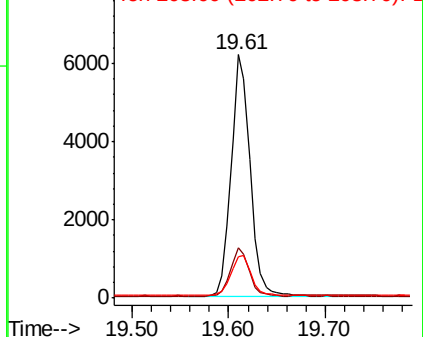
203 18.1 14.1 21.1

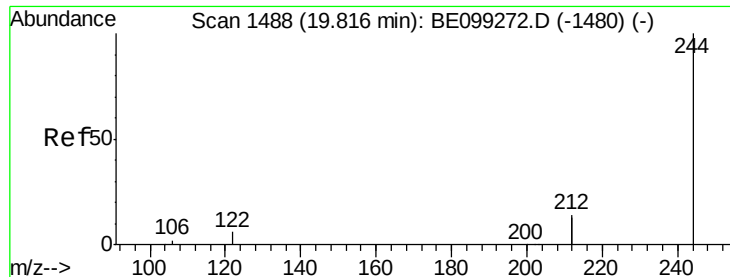


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

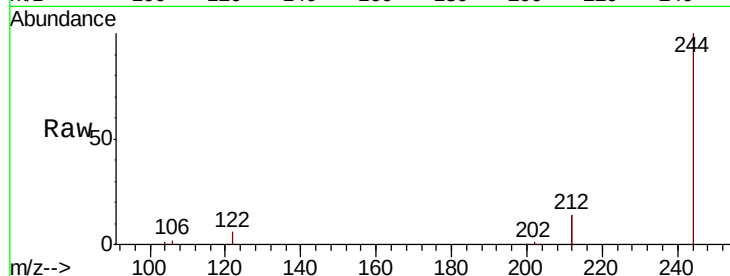
Tgt Ion:244 Resp: 26590

Ion Ratio Lower Upper

244 100

212 29.0 22.7 34.1

122 6.1 5.8 8.6

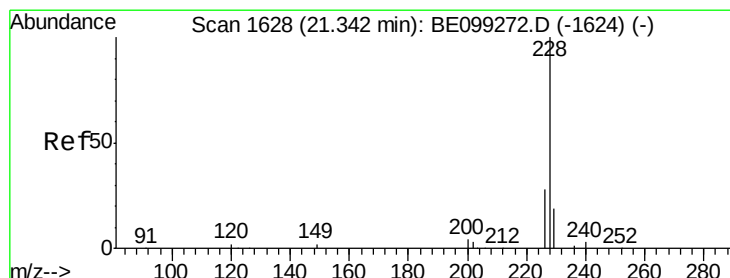
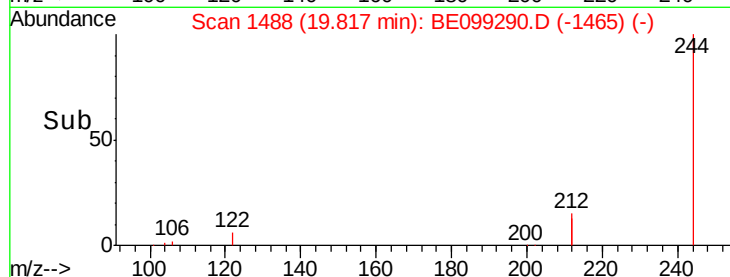
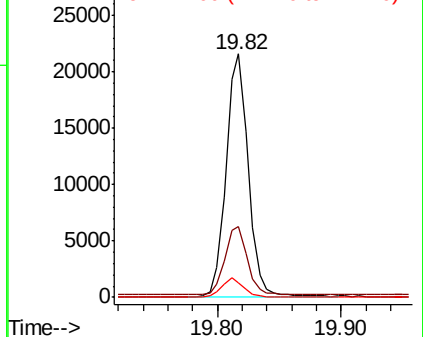


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.090 ng

RT: 21.34 min Scan# 1627

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

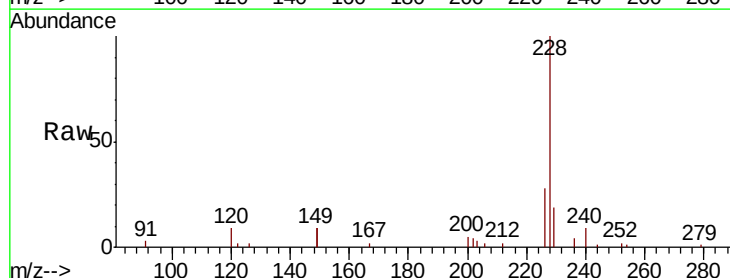
Tgt Ion:228 Resp: 9393

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

229 19.3 15.9 23.9

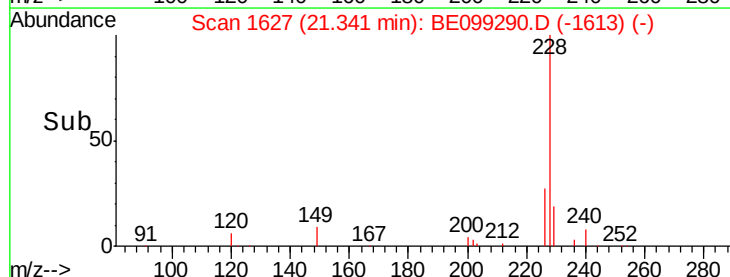
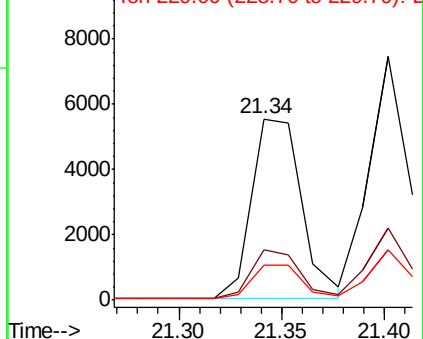


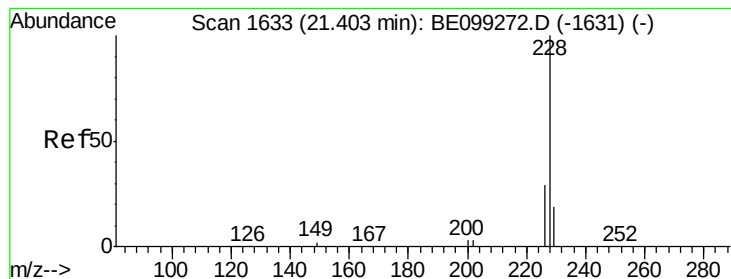
Abundance

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: 0.099 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

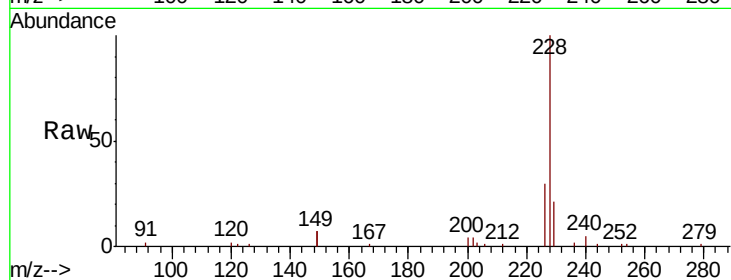
Tgt Ion:228 Resp: 10099

Ion Ratio Lower Upper

228 100

226 29.8 24.8 37.2

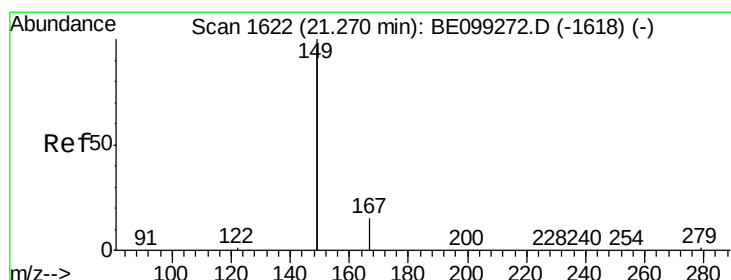
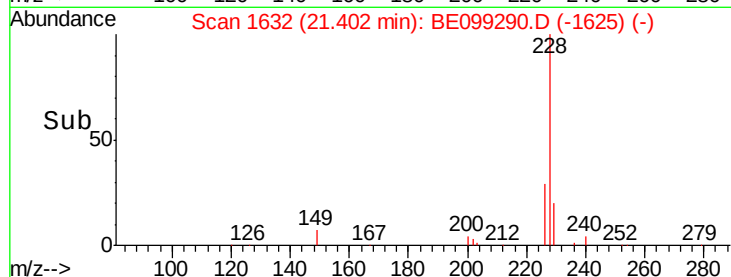
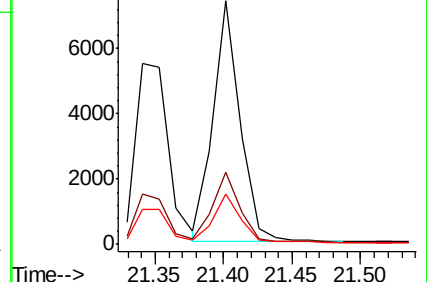
229 20.5 15.4 23.0



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: 0.090 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

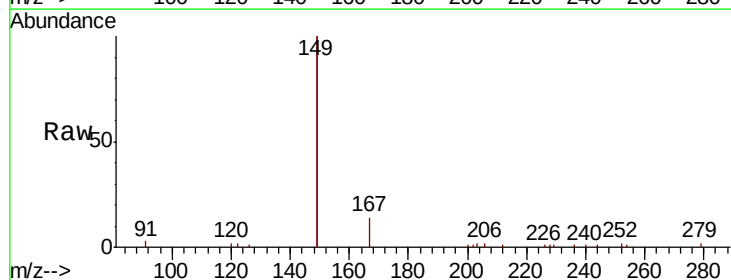
Tgt Ion:149 Resp: 11869

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

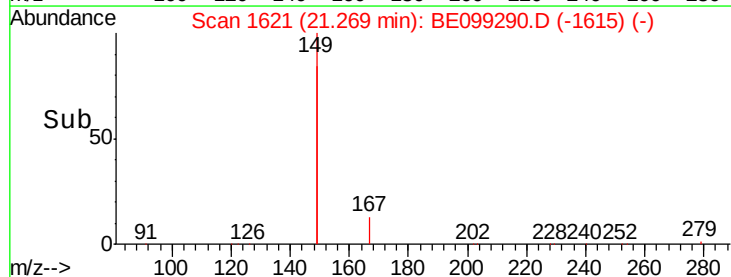
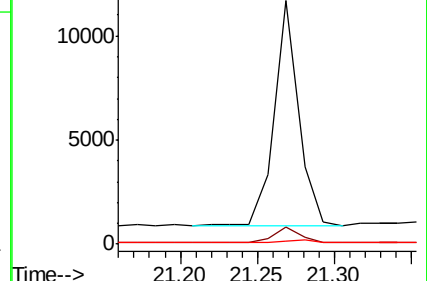
279 1.5 1.0 1.6

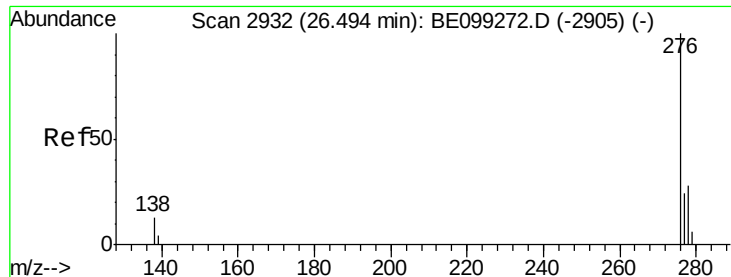


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.092 ng

RT: 26.50 min Scan# 2933

Delta R.T. -0.05 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

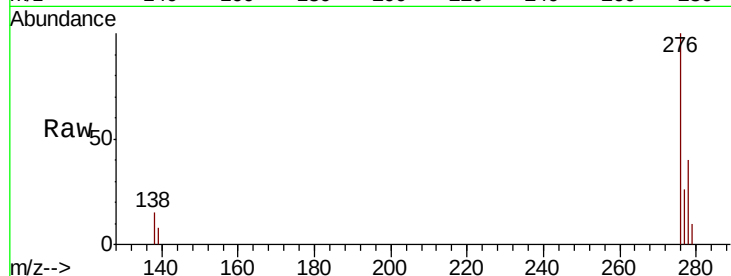
Tgt Ion:276 Resp: 10752

Ion Ratio Lower Upper

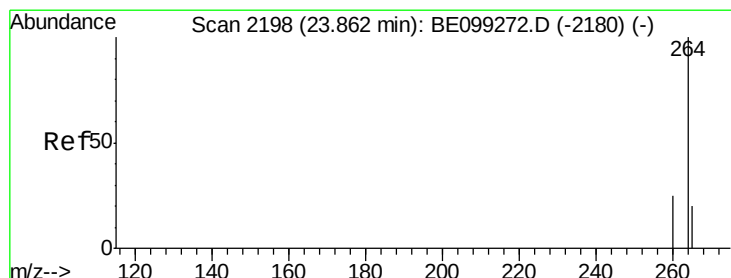
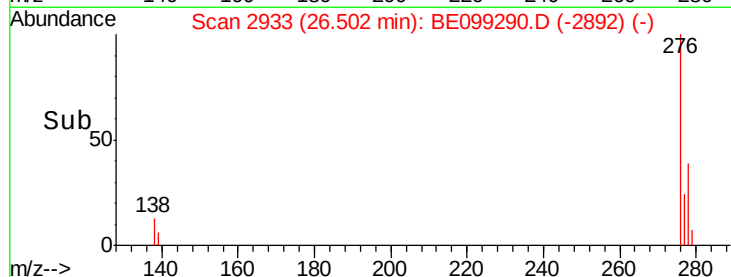
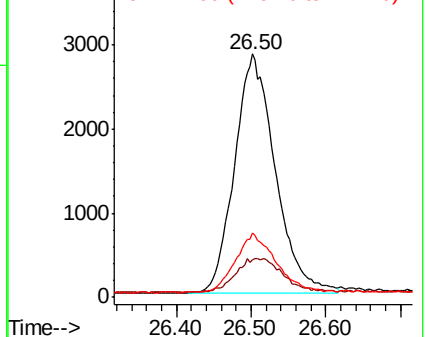
276 100

138 16.1 12.9 19.3

277 24.3 18.3 27.5



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# 2198

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

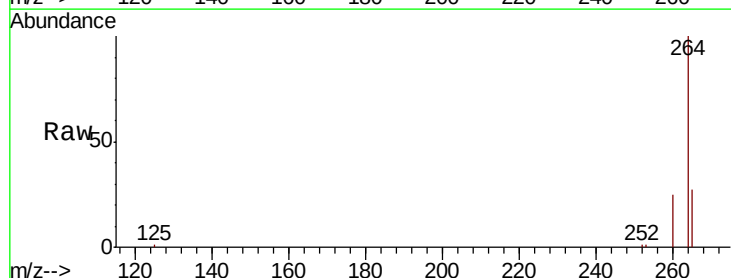
Tgt Ion:264 Resp: 34500

Ion Ratio Lower Upper

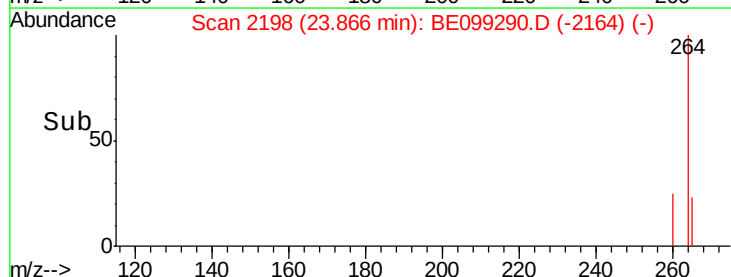
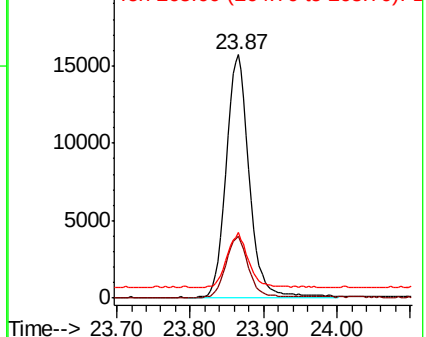
264 100

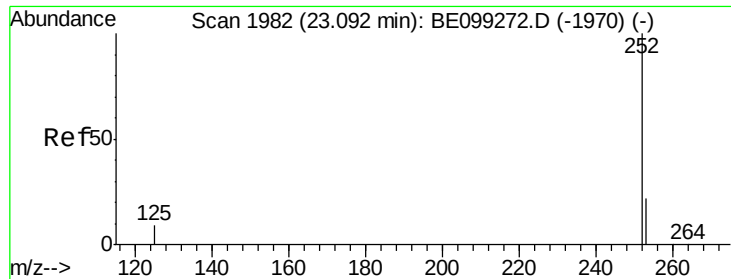
260 25.2 18.2 27.2

265 26.9 21.8 32.8



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

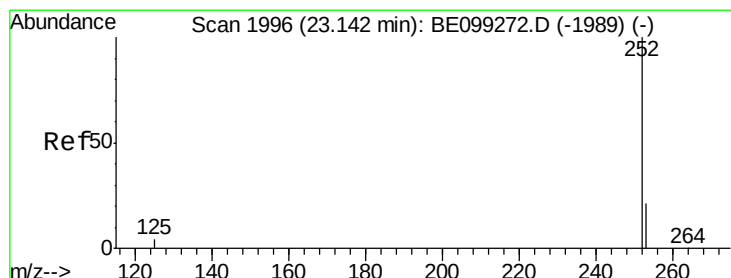
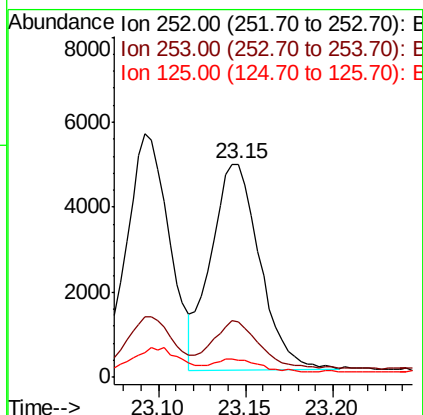
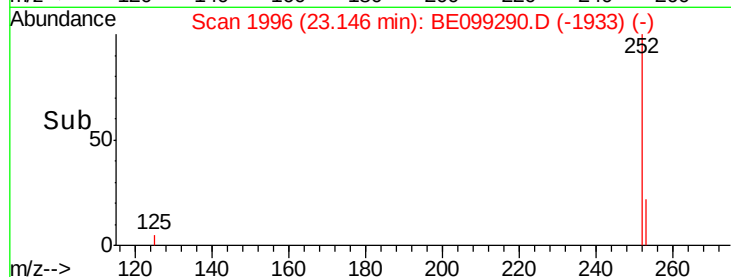
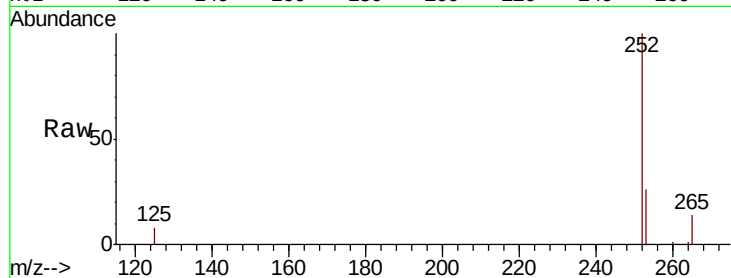




#35
Benzo(b)fluoranthene
Concen: 0.092 ng
RT: 23.15 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BE099290.D
Acq: 3 Apr 2019 14:20

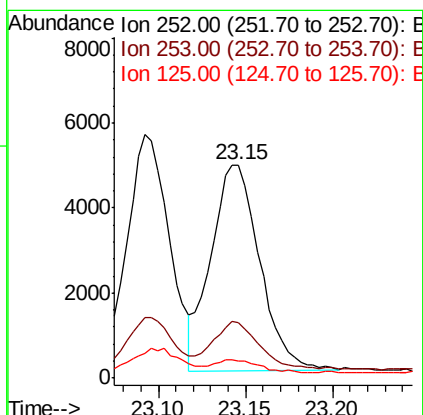
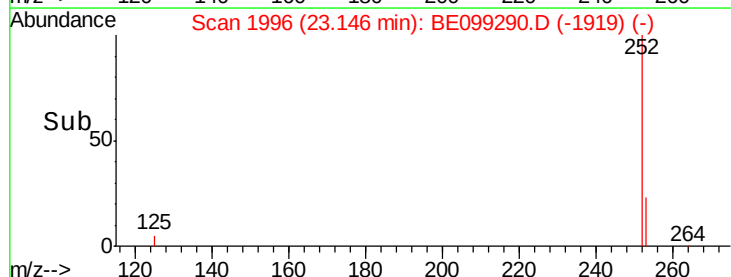
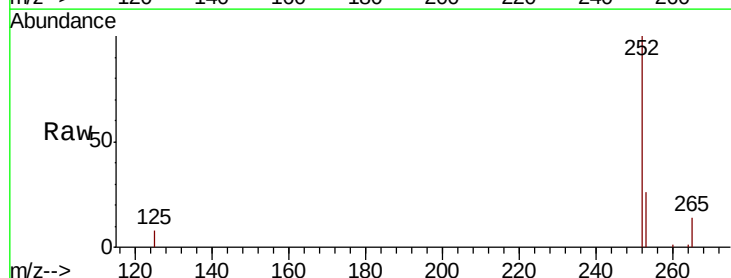
Instrument :
BNA_E
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

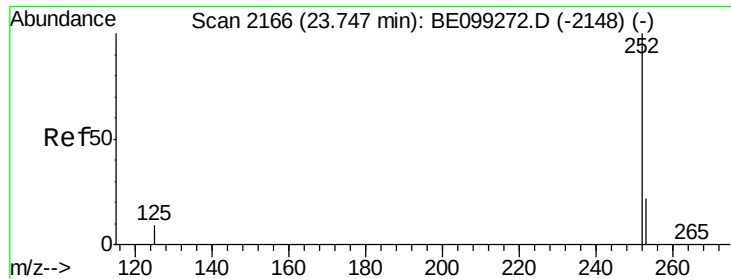
Tgt Ion:252 Resp: 9444
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.8
125 7.8 6.1 9.1



#36
Benzo(k)fluoranthene
Concen: 0.094 ng
RT: 23.15 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BE099290.D
Acq: 3 Apr 2019 14:20

Tgt Ion:252 Resp: 9444
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.6
125 7.8 5.9 8.9





#37

Benzo(a)pyrene

Concen: 0.090 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.03 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

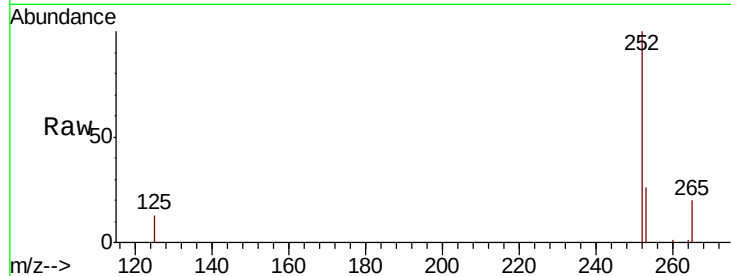
Tgt Ion:252 Resp: 8671

Ion Ratio Lower Upper

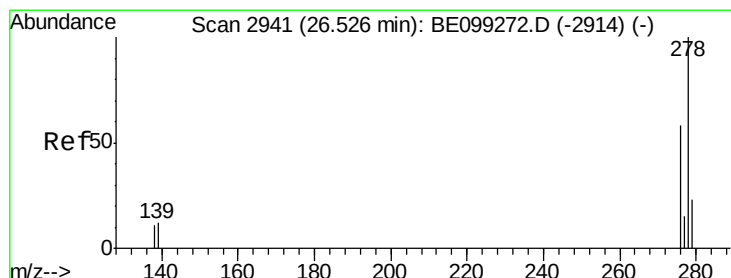
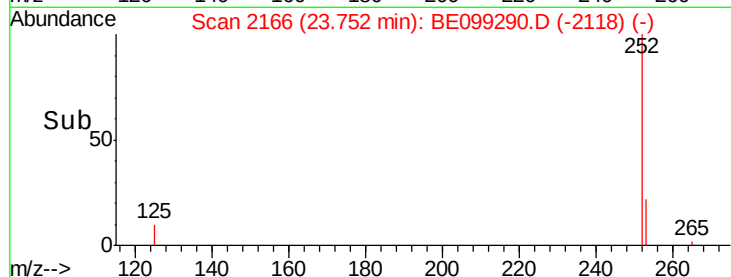
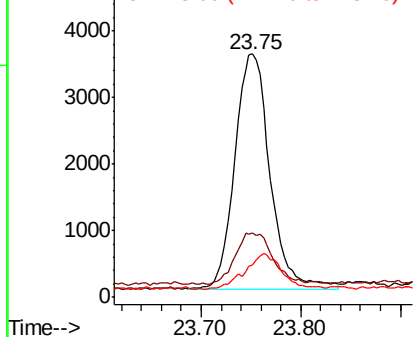
252 100

253 26.3 18.1 27.1

125 13.4 6.8 10.2#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.090 ng

RT: 26.53 min Scan# 2940

Delta R.T. -0.06 min

Lab File: BE099290.D

Acq: 3 Apr 2019 14:20

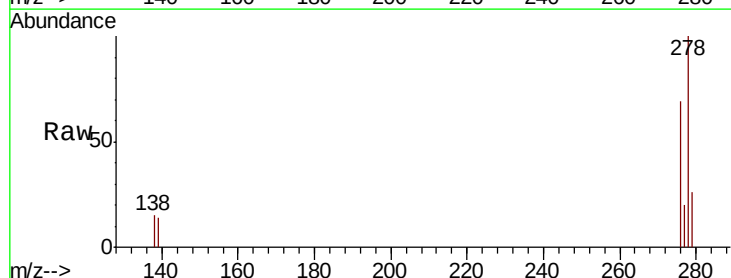
Tgt Ion:278 Resp: 8699

Ion Ratio Lower Upper

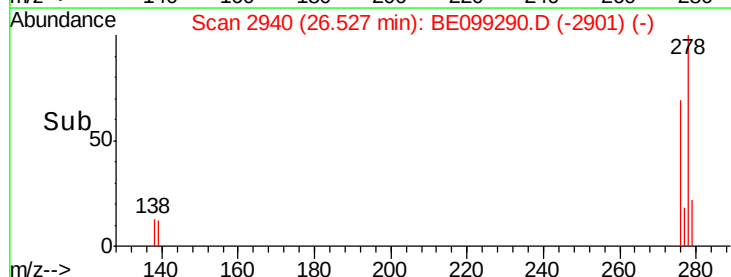
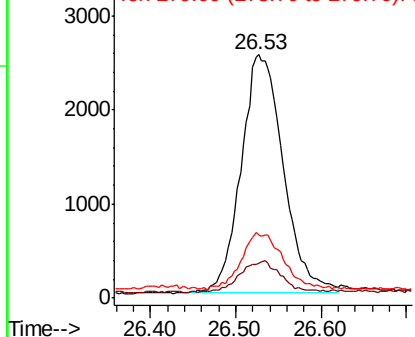
278 100

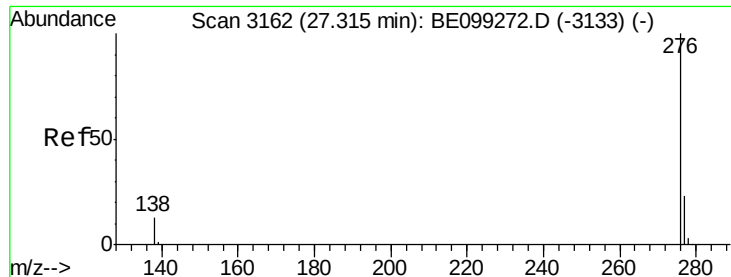
139 14.1 9.5 14.3

279 25.7 19.1 28.7



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: 0.093 ng

RT: 27.32 min Scan# 3161

Delta R.T. -0.06 min

Lab File: BE099290.D

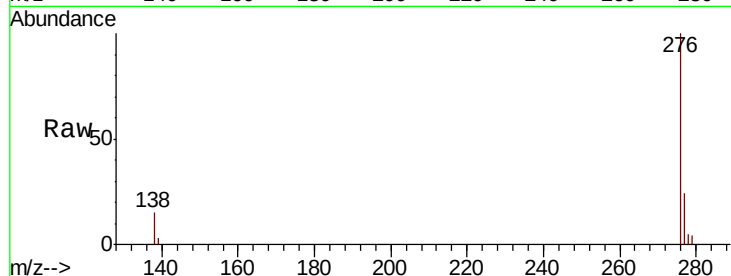
Acq: 3 Apr 2019 14:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019



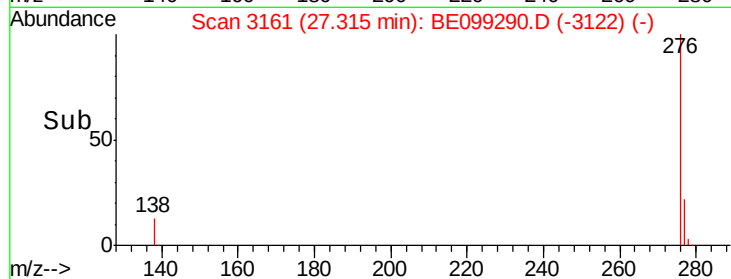
Tgt Ion: 276 Resp: 8903

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 15.3 11.1 16.7



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

