

Data File : BE101031.D
Acq On : 10 Jan 2020 20:05
Operator : JU
Sample : K3591-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Quant Time: Jan 11 00:53:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3124	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	13796	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8833	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19093	0.40	ng	0.00
27) Chrysene-d12	21.28	240	14126	0.40	ng	0.00
34) Perylene-d12	23.70	264	18277	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2329	0.33	ng	0.00
5) Phenol-d6	6.92	99	2301	0.26	ng	0.00
8) Nitrobenzene-d5	8.90	82	2356	0.24	ng	0.03
11) 2-Methylnaphthalene-d10	12.12	152	8482	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.85	330	534	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	12597	0.38	ng	0.00
25) Fluoranthene-d10	19.13	212	76114	0.29	ng	0.00
29) Terphenyl-d14	19.74	244	14845	0.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1057	0.024	ng	# 78
3) n-Nitrosodimethylamine	3.62	42	196	0.045	ng	# 71
6) bis(2-Chloroethyl)ether	7.17	93	659	0.062	ng	# 88
9) Naphthalene	10.56	128	13523	0.088	ng	# 96
10) Hexachlorobutadiene	10.85	225	610	0.094	ng	96
12) 2-Methylnaphthalene	12.19	142	2035	0.088	ng	95
16) Acenaphthylene	14.08	152	2501	0.070	ng	99
17) Acenaphthene	14.43	154	1955	0.076	ng	97
18) Fluorene	15.41	166	2480	0.076	ng	98
20) 4-Bromophenyl-phenylether	16.31	248	647	0.069	ng	# 84
21) Hexachlorobenzene	16.41	284	869	0.085	ng	98
22) Pentachlorophenol	16.76	266	259	0.322	ng	93
23) Phenanthrene	17.15	178	4013	0.077	ng	99
24) Anthracene	17.24	178	4002	0.081	ng	96
26) Fluoranthene	19.16	202	4989	0.076	ng	98
28) Pyrene	19.52	202	4865	0.093	ng	98
30) Benzo(a)anthracene	21.26	228	2292	0.057	ng	93
31) Chrysene	21.32	228	6400	0.107	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	5138	0.076	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.24	276	2768	0.058	ng	# 83
35) Benzo(b)fluoranthene	22.96	252	3118	0.061	ng	# 89
36) Benzo(k)fluoranthene	23.01	252	5747	0.077	ng	# 79
37) Benzo(a)pyrene	23.59	252	3507	0.071	ng	# 77
39) Benzo(g,h,i)perylene	27.02	276	3996	0.071	ng	94

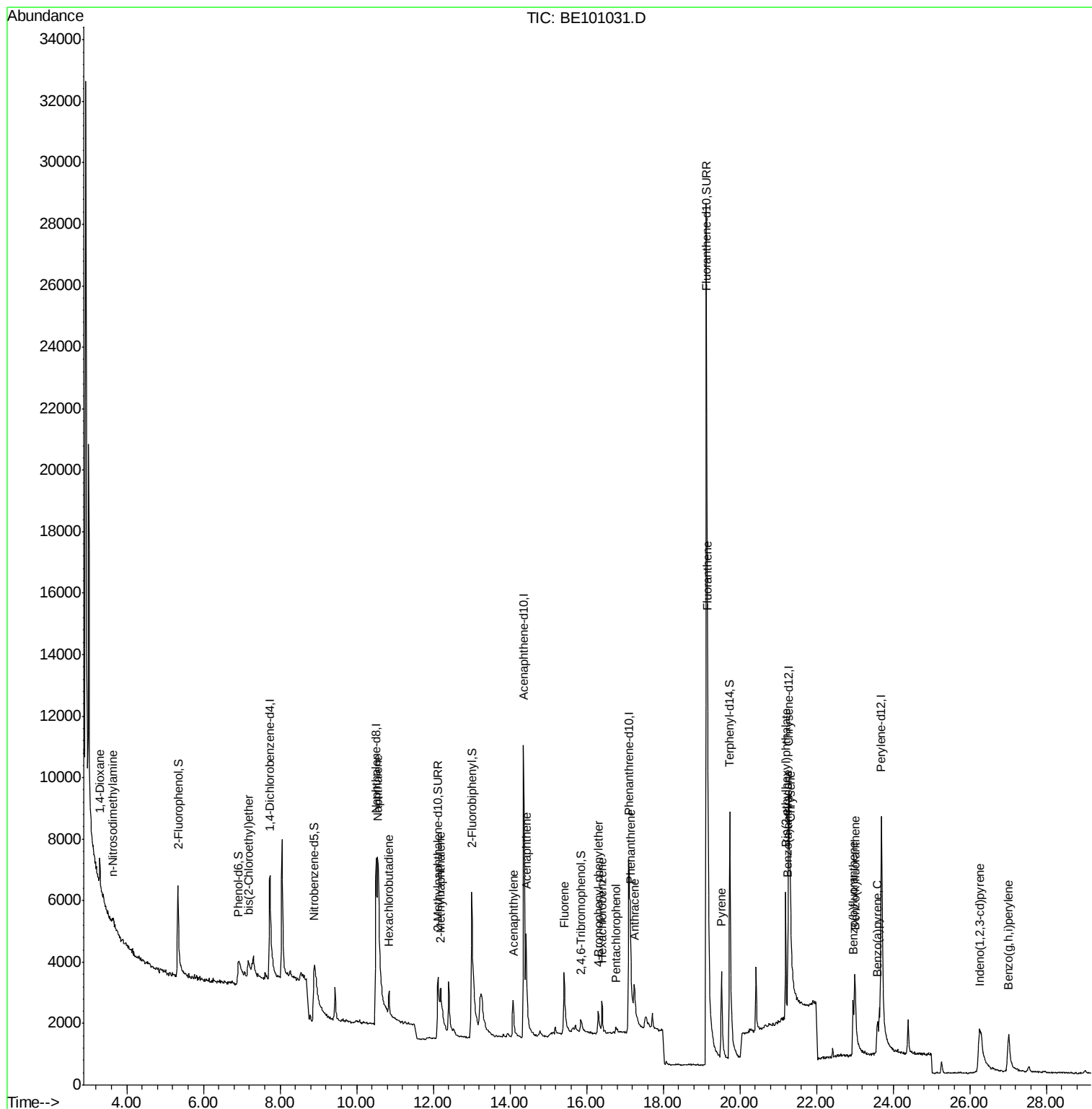
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BE101031.D

```
Acq On       : 10 Jan 2020   20:05
Operator    : JU
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ALS Vial    : 7      Sample Multipl
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Instrument :
BNA_E
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.74 min Scan# 423

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

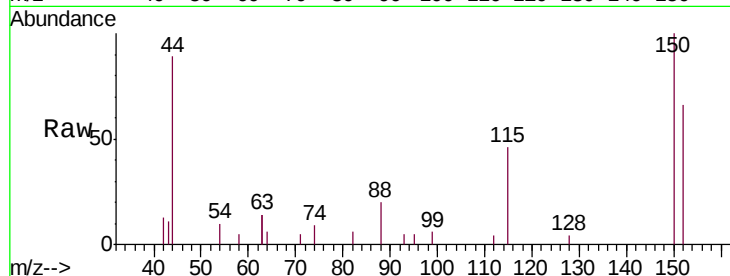
Tgt Ion:152 Resp: 3124

Ion Ratio Lower Upper

152 100

150 151.8 120.3 180.5

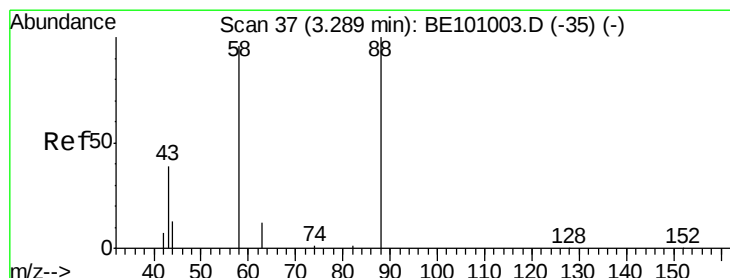
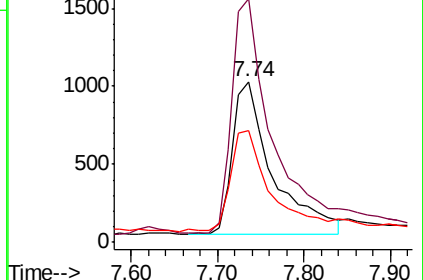
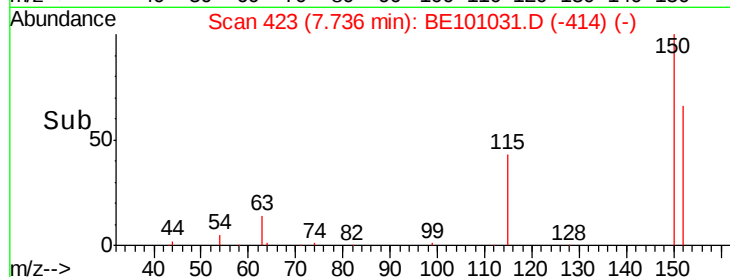
115 69.6 51.7 77.5



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: 0.024 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

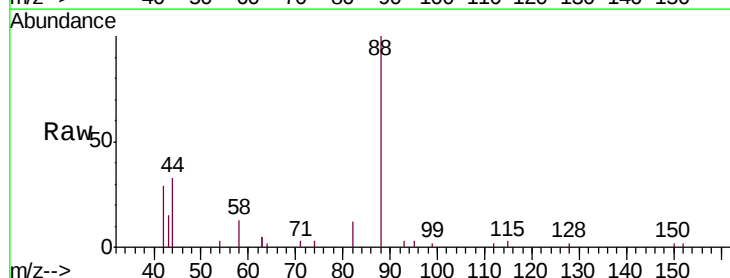
Tgt Ion: 88 Resp: 1057

Ion Ratio Lower Upper

88 100

58 42.2 53.0 79.4#

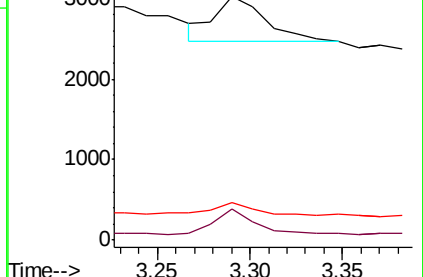
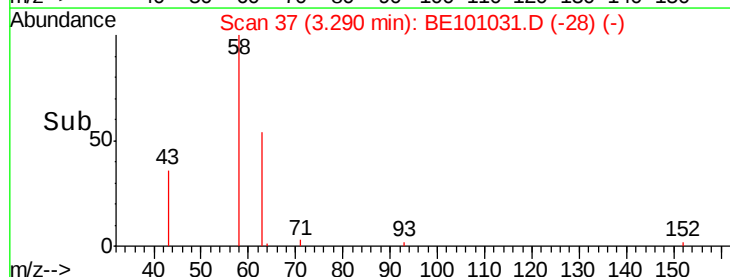
43 27.1 23.4 35.2



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: 0.045 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.01 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

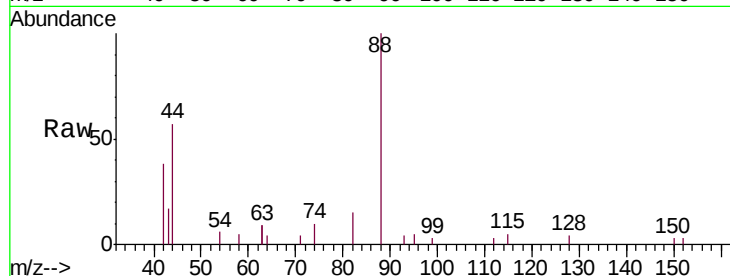
Tgt Ion: 42 Resp: 196

Ion Ratio Lower Upper

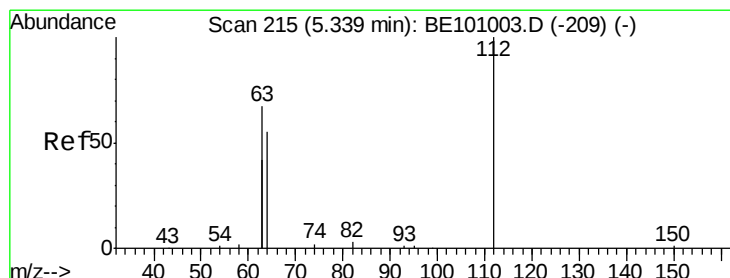
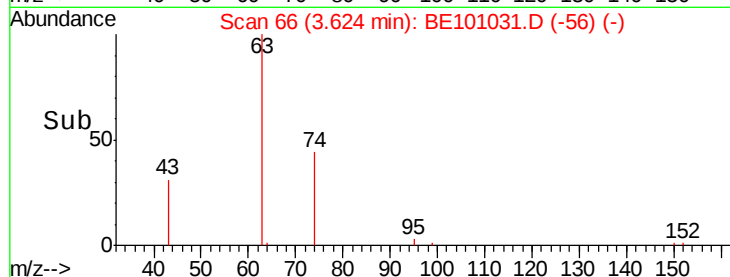
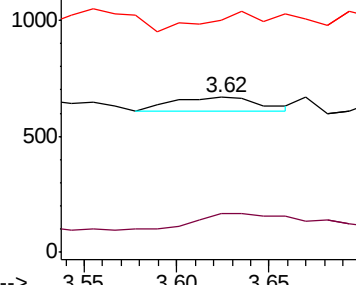
42 100

74 129.6 105.7 158.5

44 136.2 10.0 15.0#



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: 0.331 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

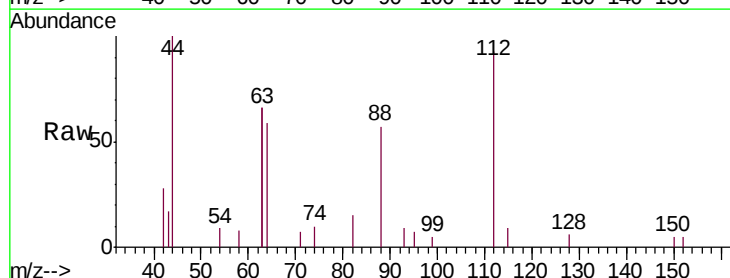
Tgt Ion: 112 Resp: 2329

Ion Ratio Lower Upper

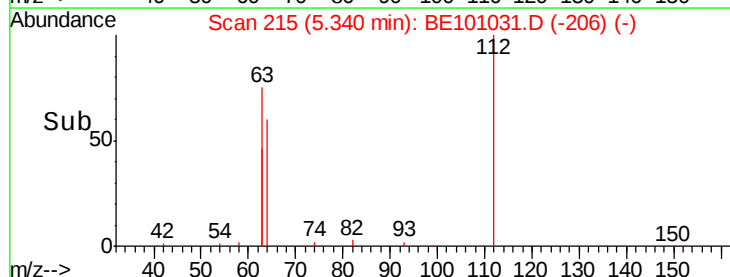
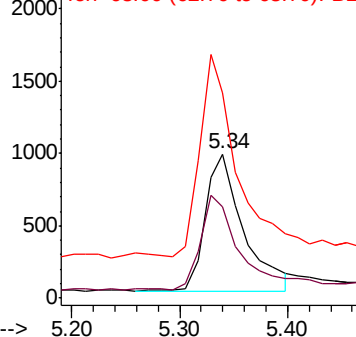
112 100

64 67.7 53.6 80.4

63 143.9 114.6 172.0



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: 0.259 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

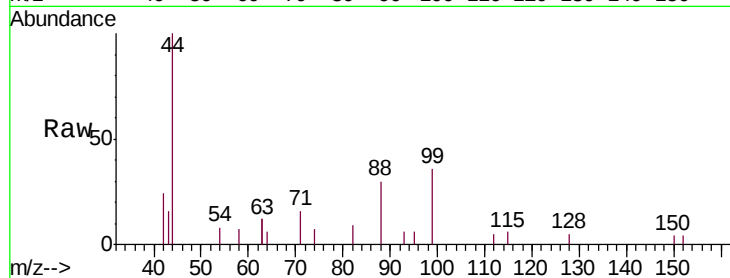
Tgt Ion: 99 Resp: 2301

Ion Ratio Lower Upper

99 100

42 31.2 18.3 27.5#

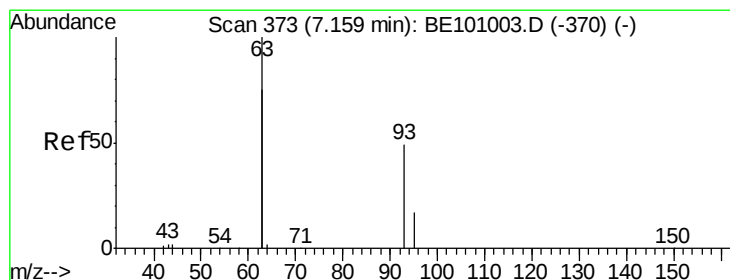
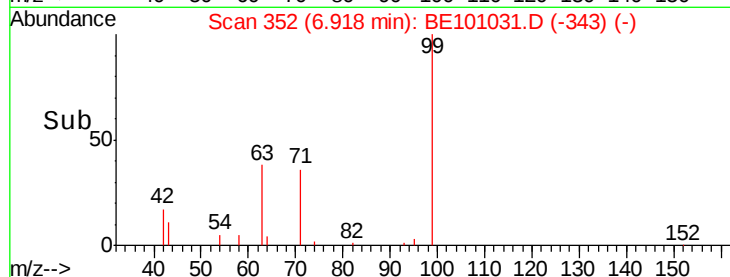
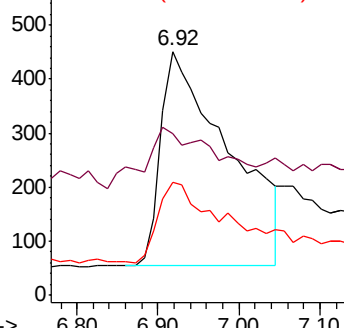
71 36.5 28.0 42.0



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: 0.062 ng

RT: 7.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

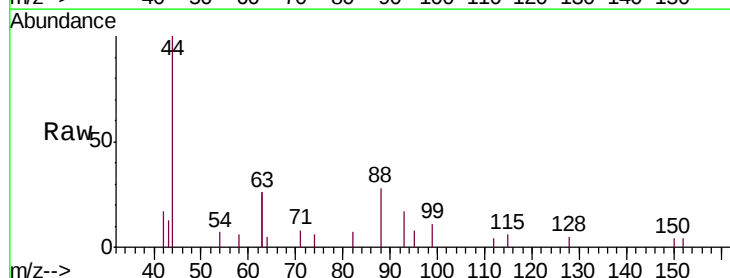
Tgt Ion: 93 Resp: 659

Ion Ratio Lower Upper

93 100

63 269.7 233.9 350.9

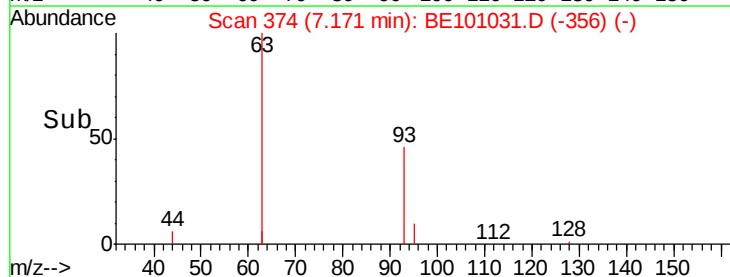
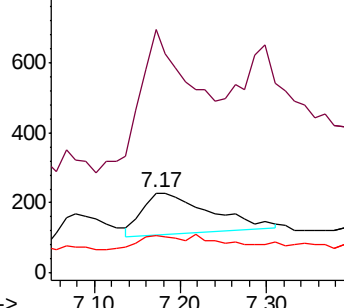
95 22.3 23.5 35.3#



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: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tgt Ion:136 Resp: 13796

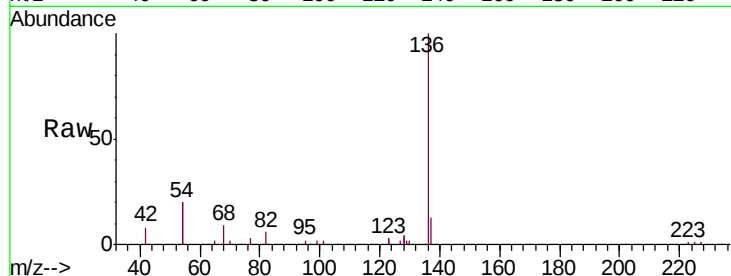
Ion Ratio Lower Upper

136 100

137 13.1 9.3 13.9

54 39.6 36.8 55.2

68 8.9 8.4 12.6

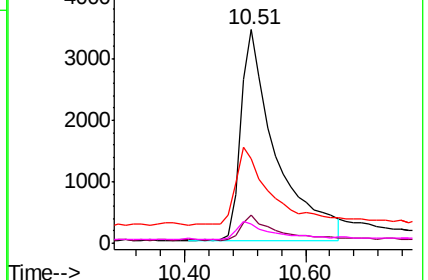
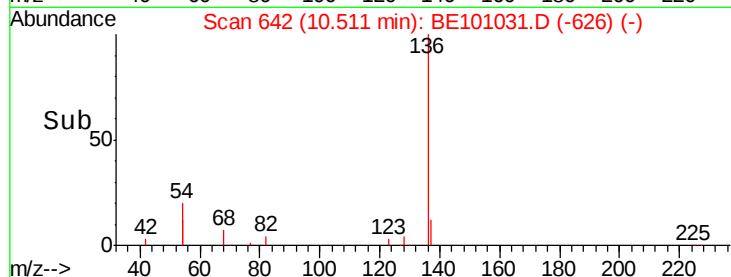


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.239 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.03 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

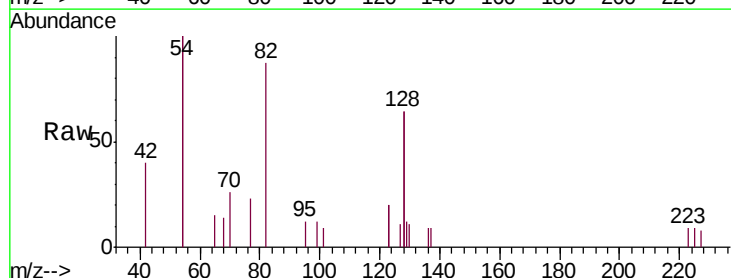
Tgt Ion: 82 Resp: 2356

Ion Ratio Lower Upper

82 100

128 147.4 109.8 164.6

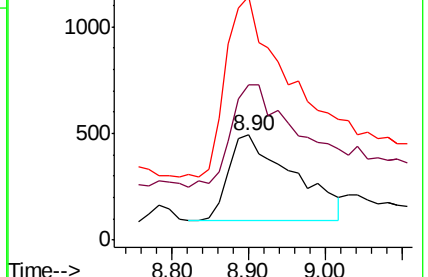
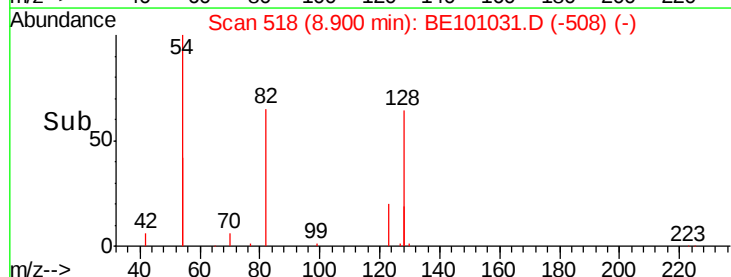
54 231.2 174.5 261.7



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: 0.088 ng

RT: 10.56 min Scan# 646

Delta R.T. 0.01 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

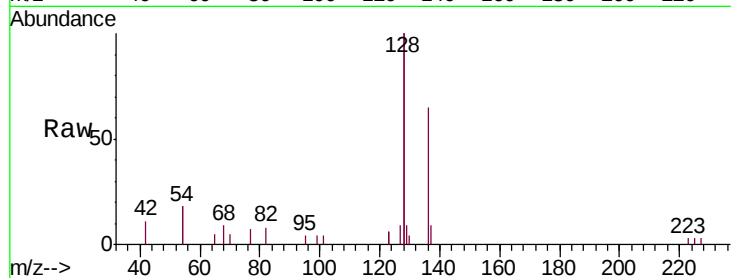
Tgt Ion:128 Resp: 13523

Ion Ratio Lower Upper

128 100

129 4.4 2.3 3.5#

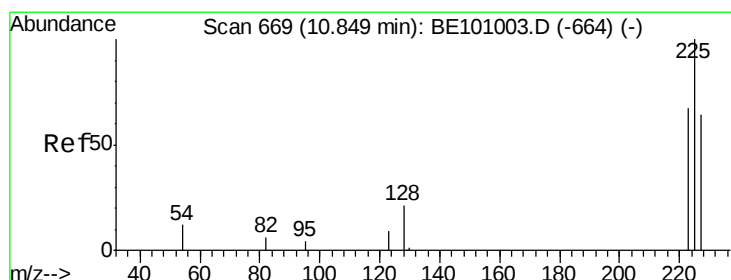
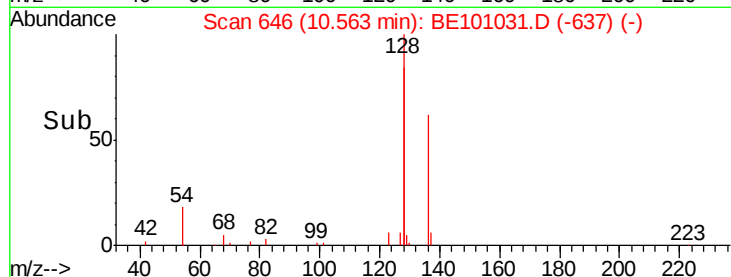
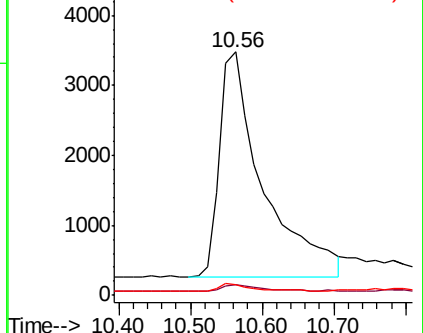
127 4.6 2.7 4.1#



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: 0.094 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

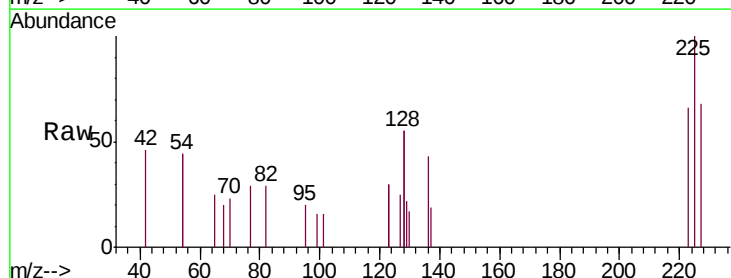
Tgt Ion:225 Resp: 610

Ion Ratio Lower Upper

225 100

223 60.3 52.2 78.4

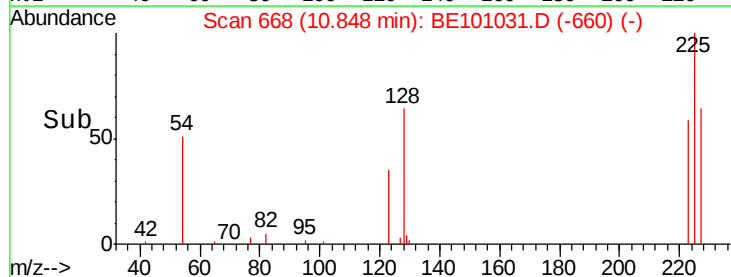
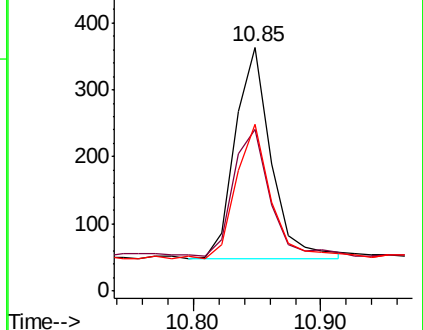
227 61.6 49.9 74.9

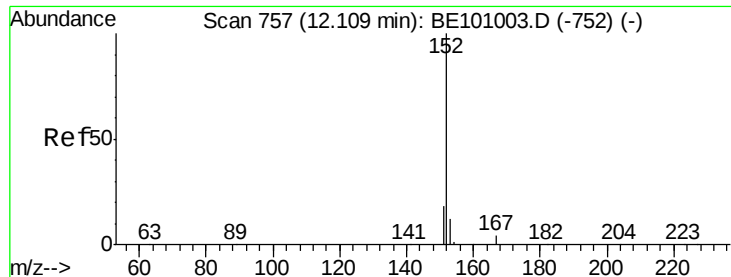


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

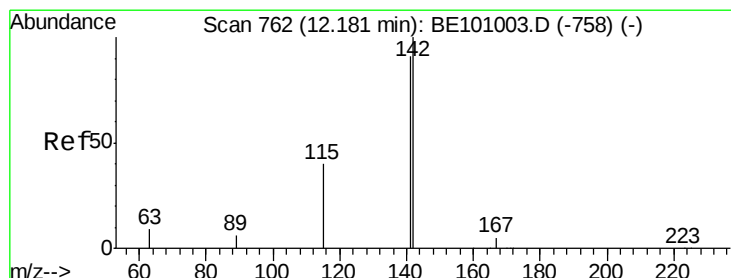
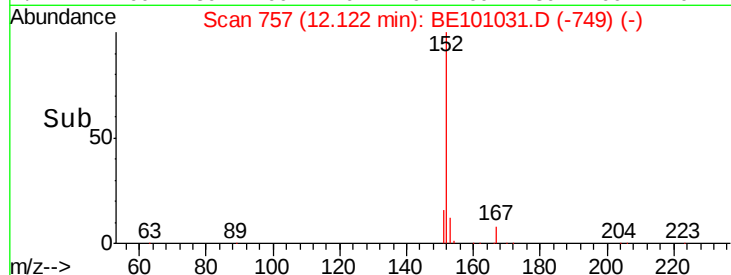
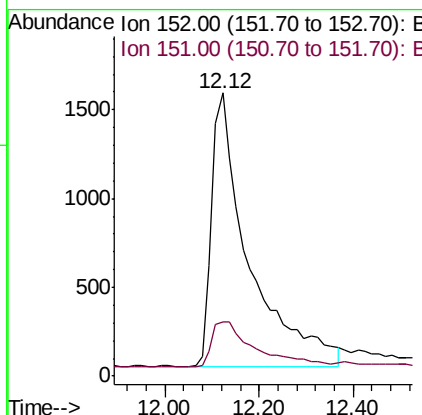
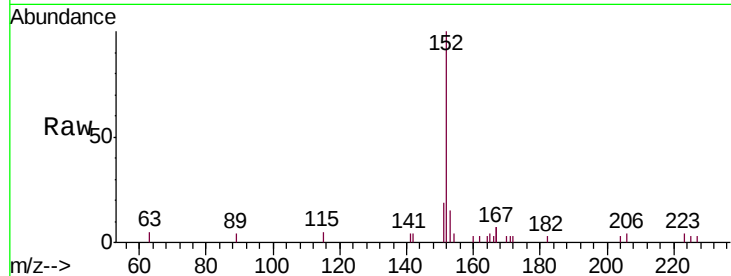




#11
 2-Methylnaphthalene-d10
 Concen: 0.322 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BE101031.D
 Acq: 10 Jan 2020 20:05

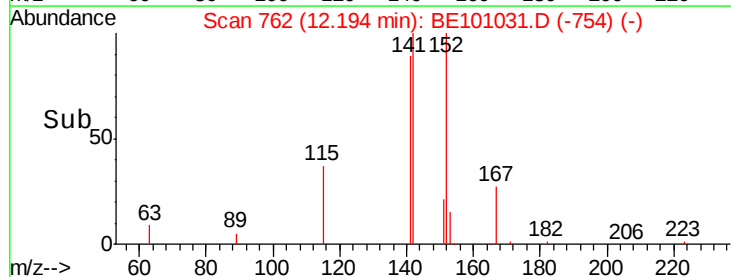
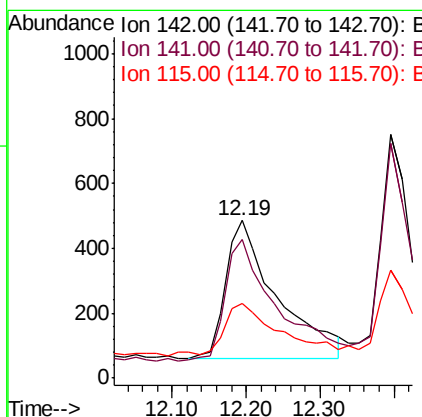
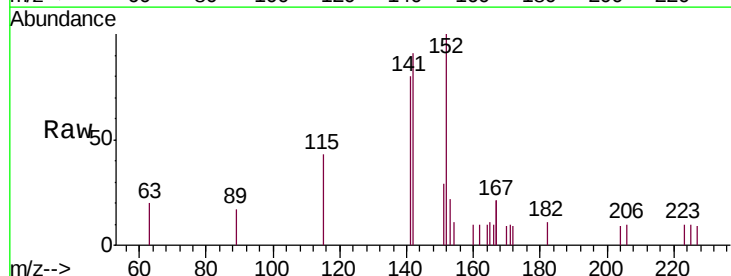
Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tgt Ion:152 Resp: 8482
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.088 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BE101031.D
 Acq: 10 Jan 2020 20:05

Tgt Ion:142 Resp: 2035
 Ion Ratio Lower Upper
 142 100
 141 88.0 72.5 108.7
 115 47.6 33.0 49.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

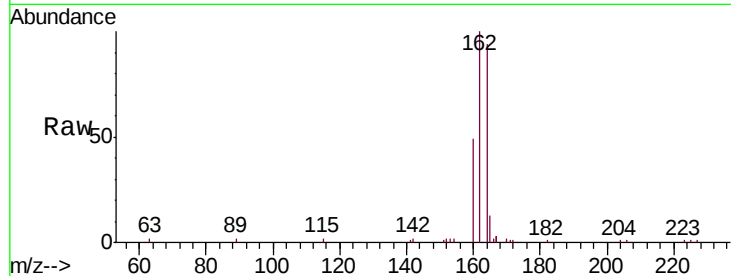
Tgt Ion:164 Resp: 8833

Ion Ratio Lower Upper

164 100

162 105.9 84.1 126.1

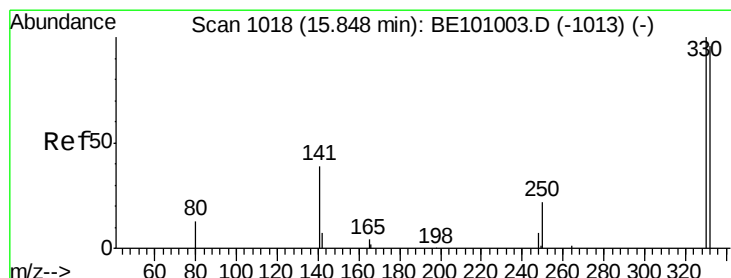
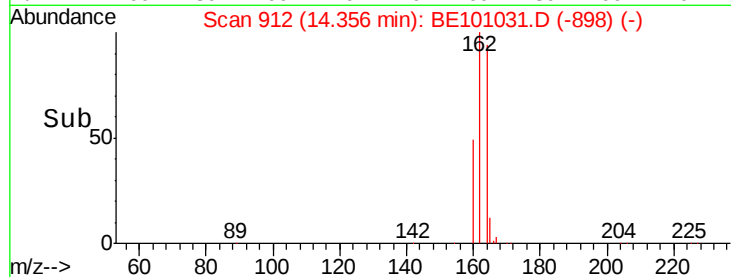
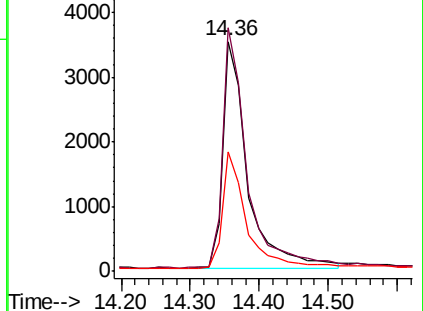
160 52.1 40.4 60.6



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: 0.214 ng

RT: 15.85 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

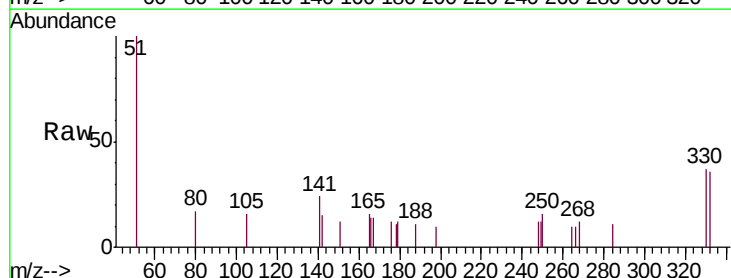
Tgt Ion:330 Resp: 534

Ion Ratio Lower Upper

330 100

332 99.8 78.4 117.6

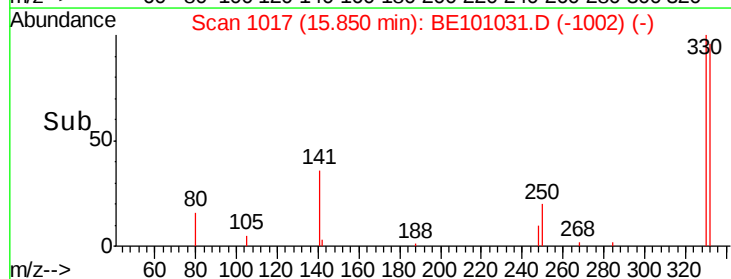
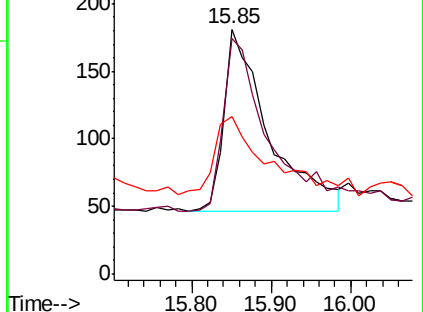
141 48.5 37.0 55.4



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

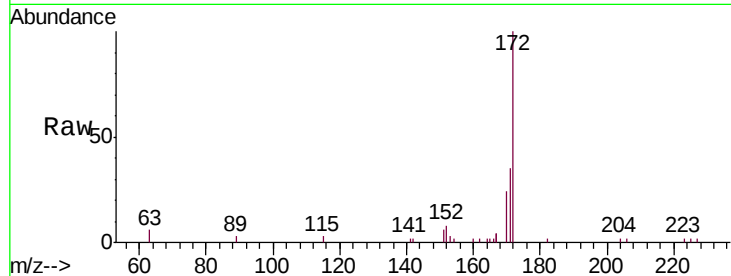




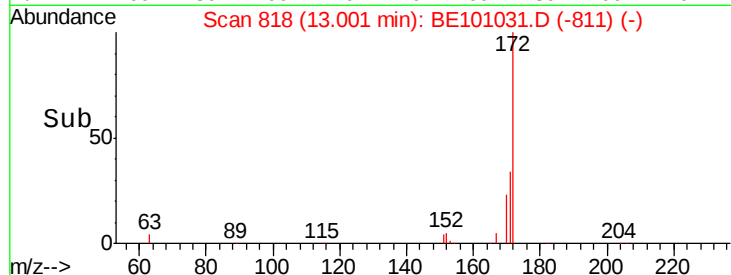
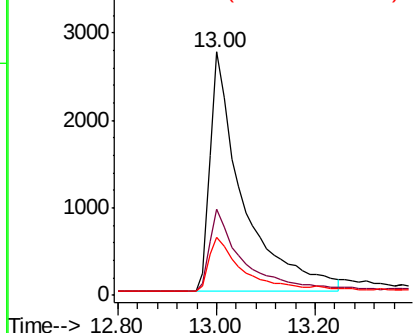
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101031.D
Acq: 10 Jan 2020 20:05

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion:172 Resp: 12597
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.1 18.9 28.3

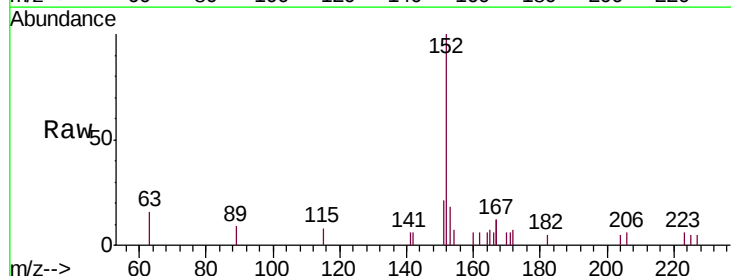


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

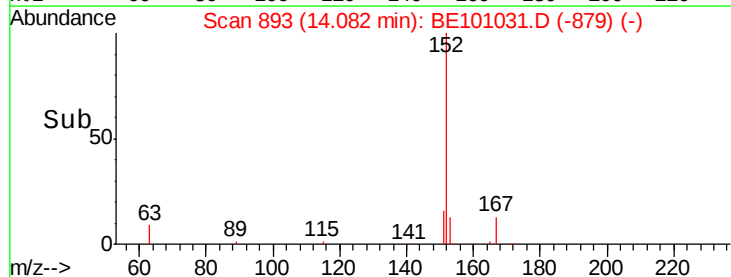
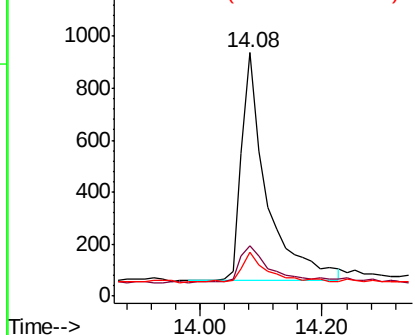


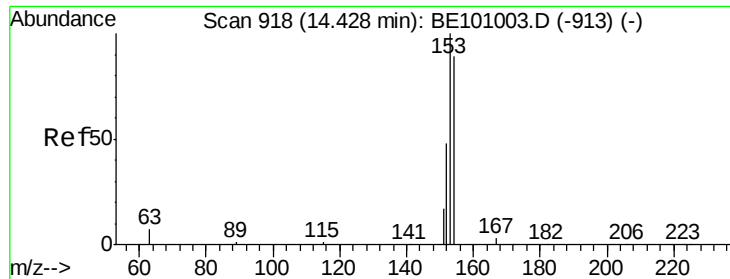
#16
Acenaphthylene
Concen: 0.070 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101031.D
Acq: 10 Jan 2020 20:05

Tgt Ion:152 Resp: 2501
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 13.6 10.4 15.6



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

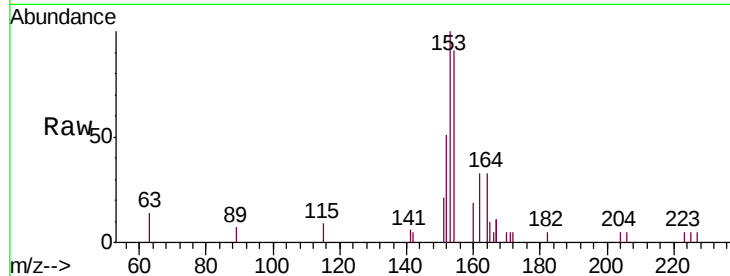




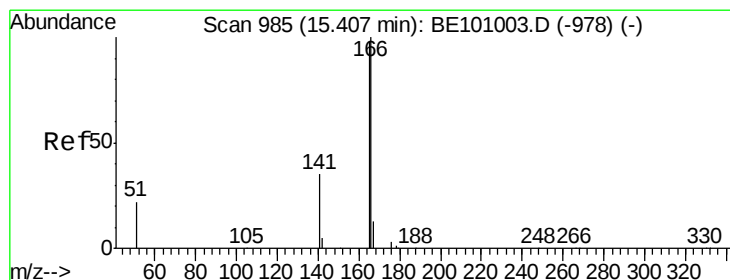
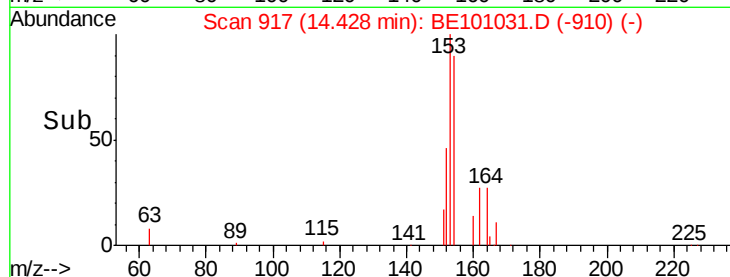
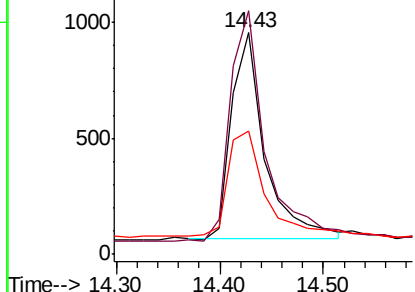
#17
Acenaphthene
Concen: 0.076 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101031.D
Acq: 10 Jan 2020 20:05

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion:154 Resp: 1955
Ion Ratio Lower Upper
154 100
153 121.1 93.6 140.4
152 59.1 46.3 69.5

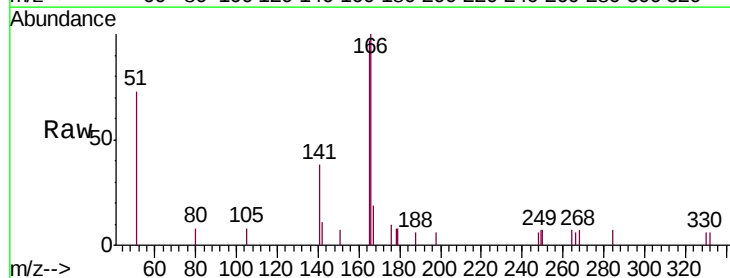


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

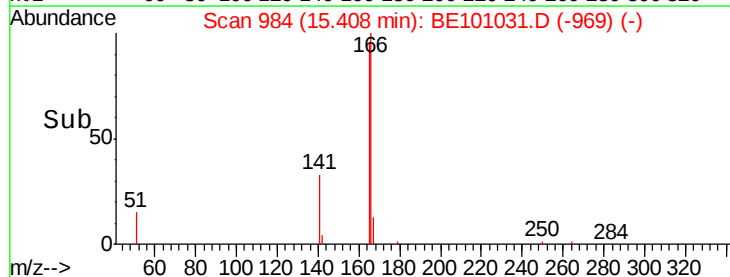
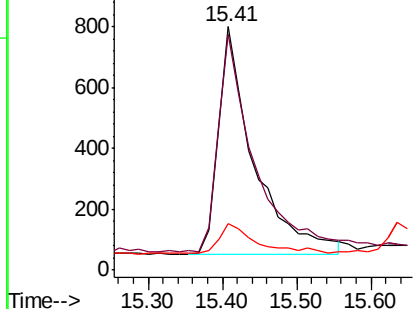


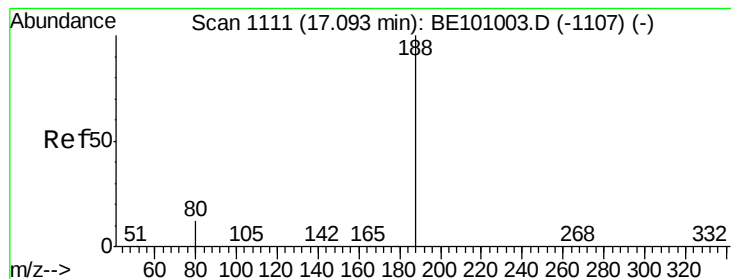
#18
Fluorene
Concen: 0.076 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101031.D
Acq: 10 Jan 2020 20:05

Tgt Ion:166 Resp: 2480
Ion Ratio Lower Upper
166 100
165 97.6 79.8 119.8
167 13.6 11.0 16.6



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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

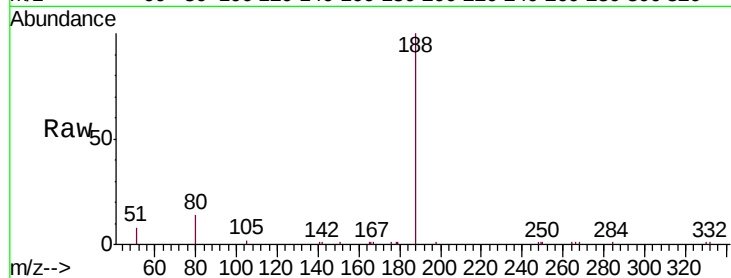
Tgt Ion:188 Resp: 19093

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

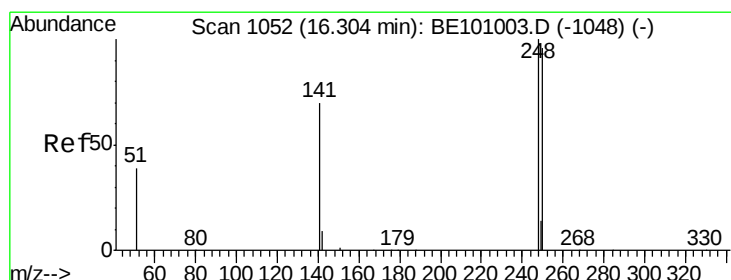
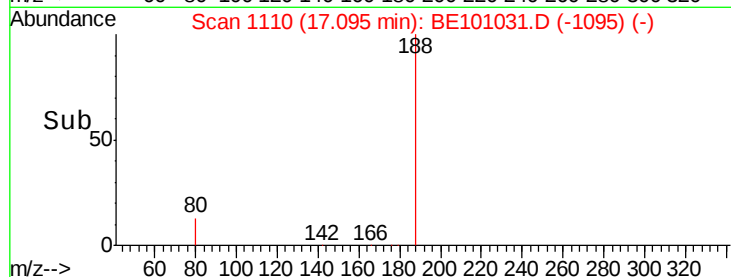
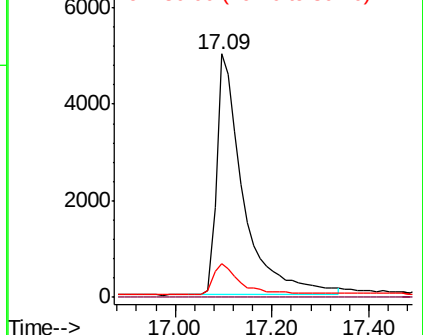
80 13.9 10.8 16.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.069 ng

RT: 16.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

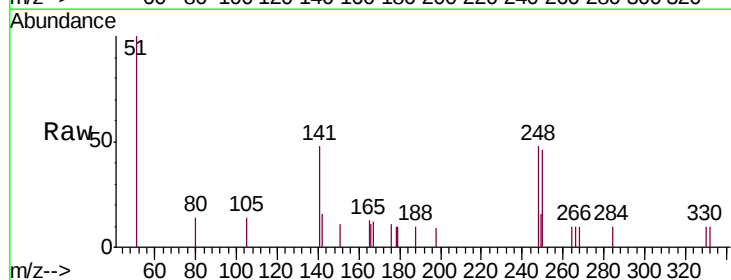
Tgt Ion:248 Resp: 647

Ion Ratio Lower Upper

248 100

250 97.2 76.6 115.0

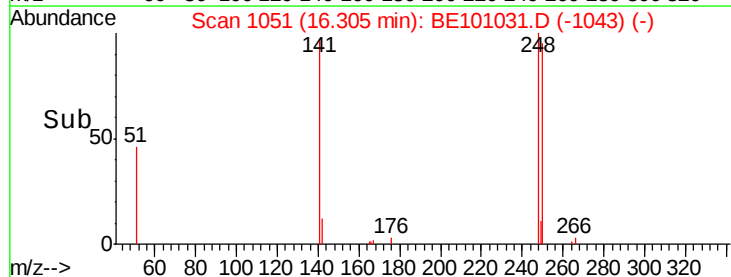
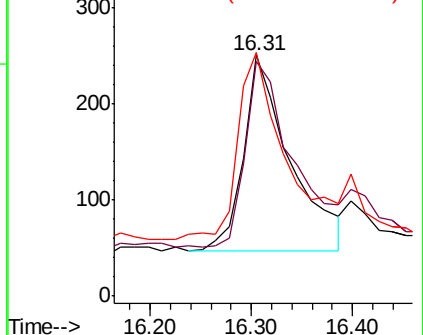
141 101.2 57.7 86.5#

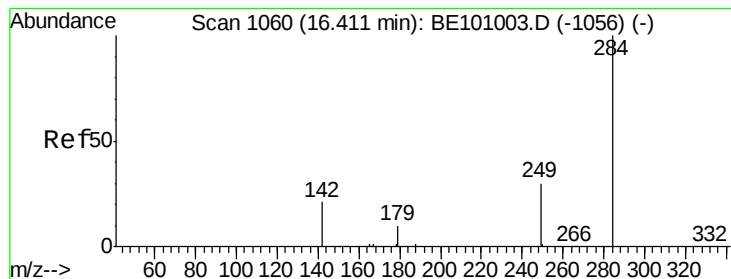


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.085 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

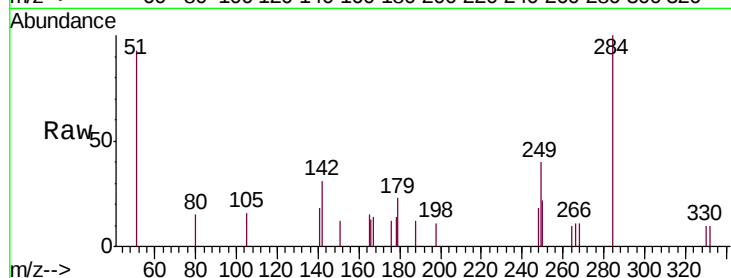
Tgt Ion:284 Resp: 869

Ion Ratio Lower Upper

284 100

142 44.3 34.0 51.0

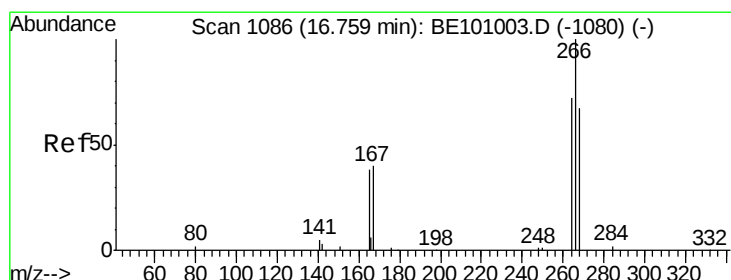
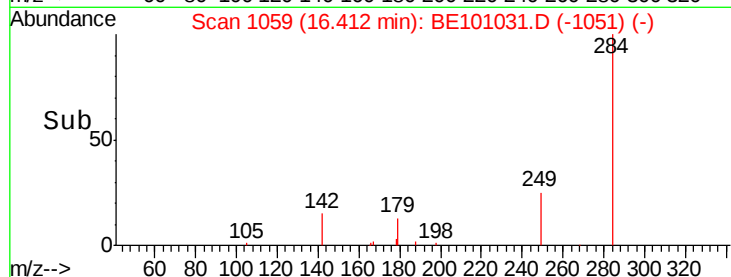
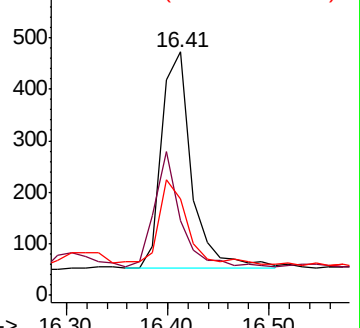
249 35.9 28.2 42.4



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



#22

Pentachlorophenol

Concen: 0.322 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

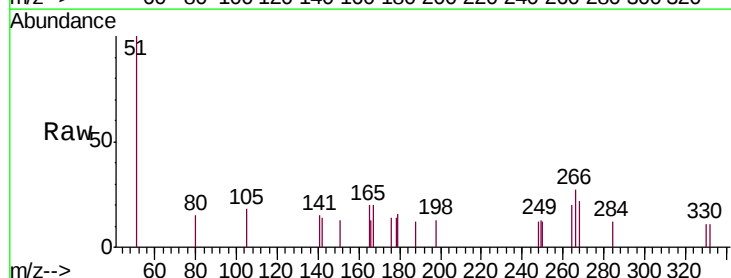
Tgt Ion:266 Resp: 259

Ion Ratio Lower Upper

266 100

264 74.1 61.0 91.4

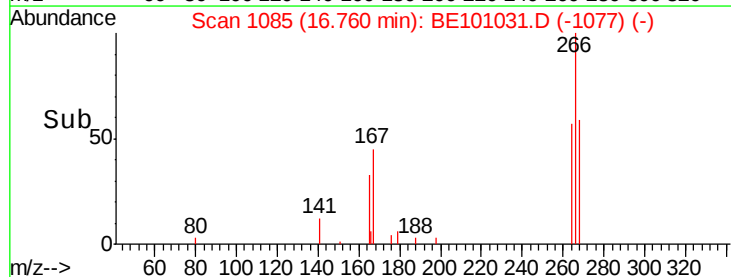
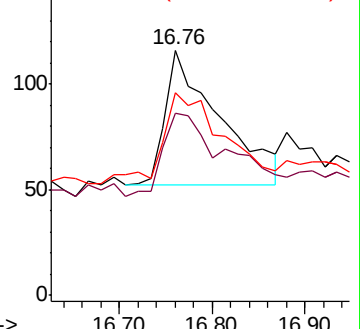
268 82.8 58.5 87.7



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.077 ng

RT: 17.15 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

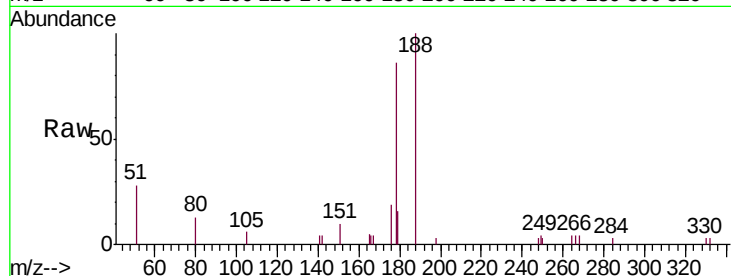
Tgt Ion:178 Resp: 4013

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

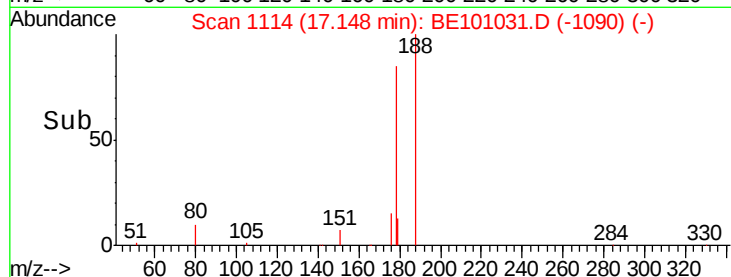
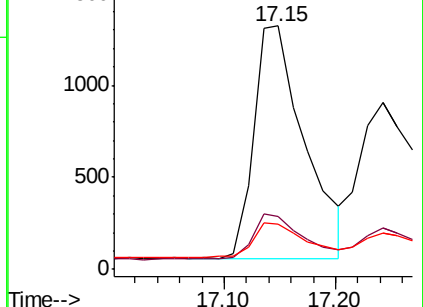
179 15.9 12.0 18.0



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: 0.081 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

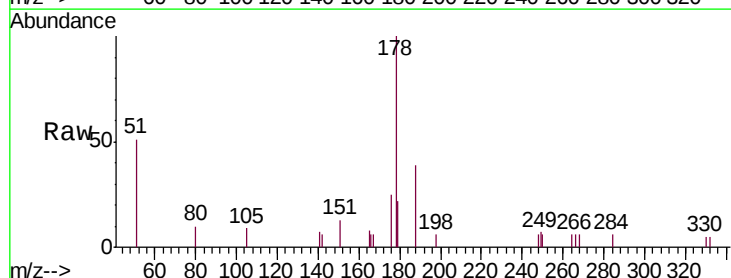
Tgt Ion:178 Resp: 4002

Ion Ratio Lower Upper

178 100

176 15.8 14.8 22.2

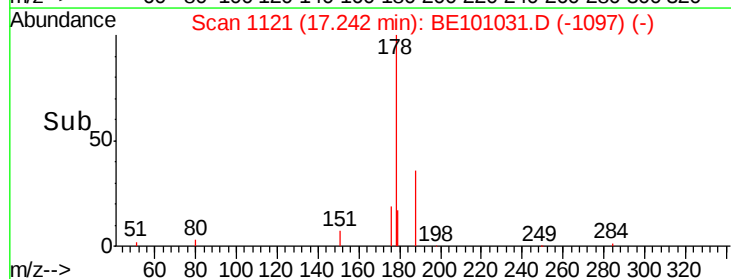
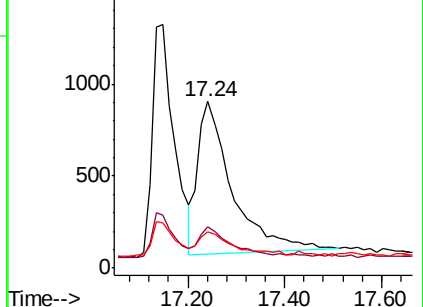
179 16.3 12.4 18.6

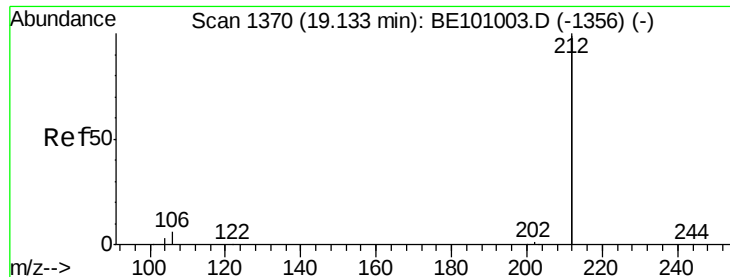


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.287 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

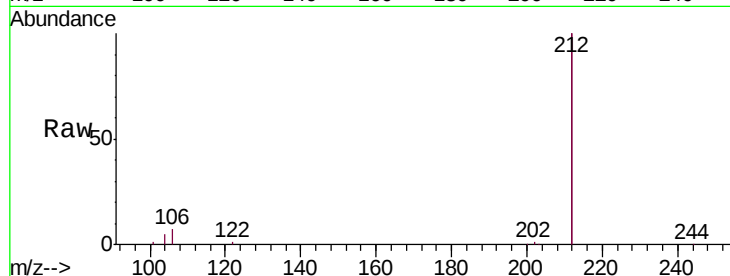
Tgt Ion:212 Resp: 76114

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

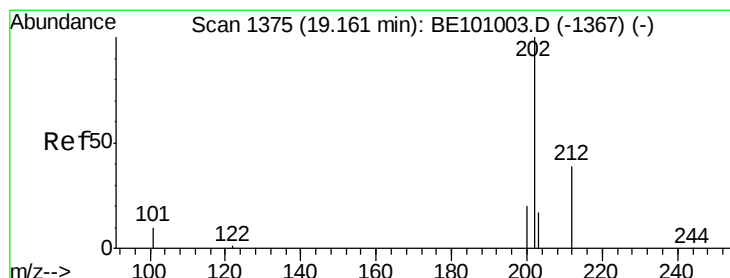
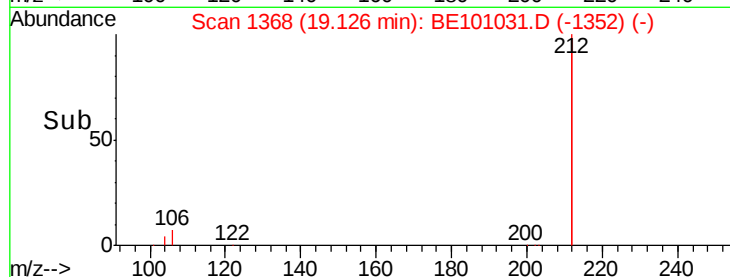
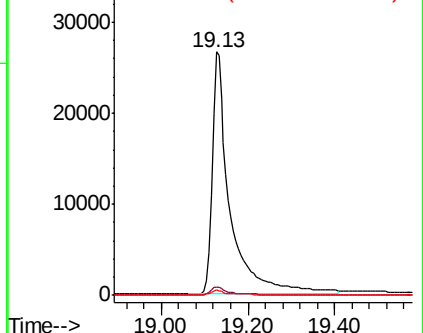
104 1.8 1.4 2.0



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: 0.076 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

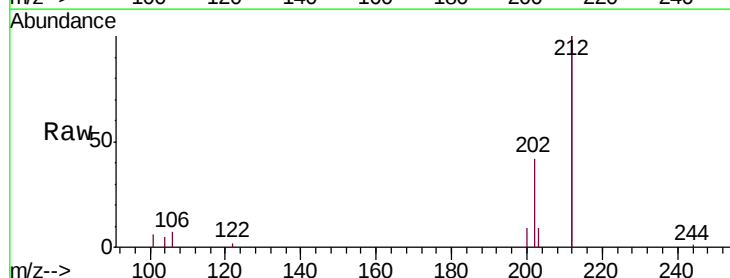
Tgt Ion:202 Resp: 4989

Ion Ratio Lower Upper

202 100

101 11.2 9.6 14.4

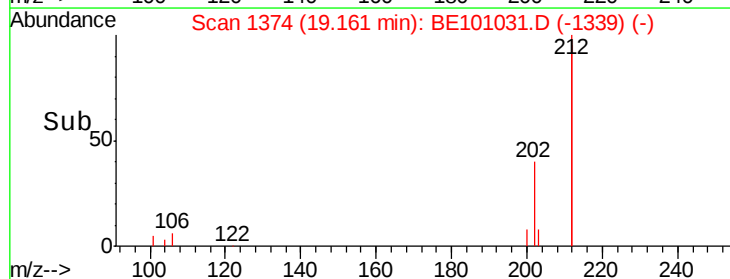
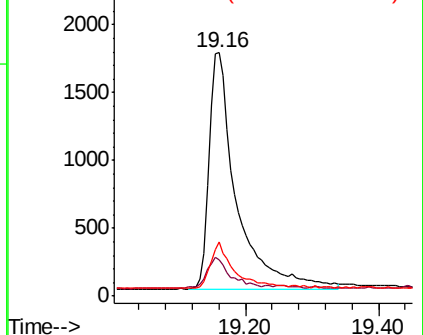
203 16.7 13.8 20.6



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: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

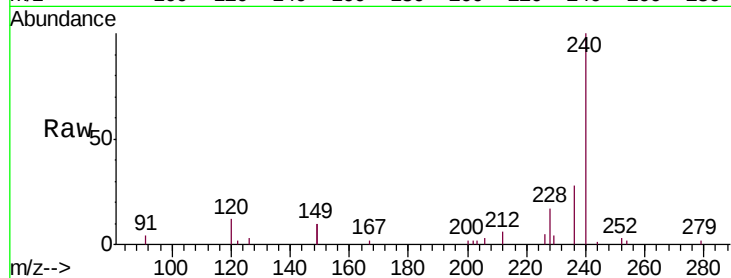
Tgt Ion:240 Resp: 14126

Ion Ratio Lower Upper

240 100

120 11.8 8.6 13.0

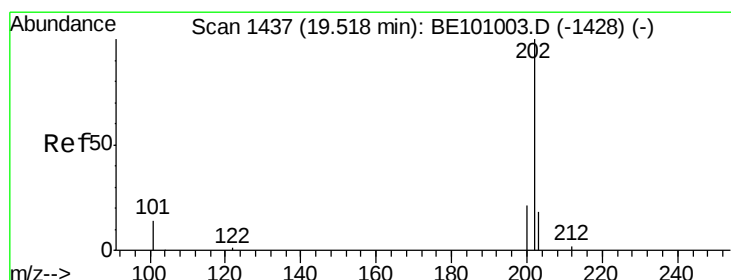
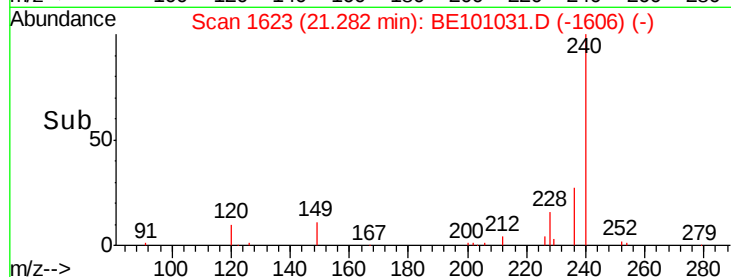
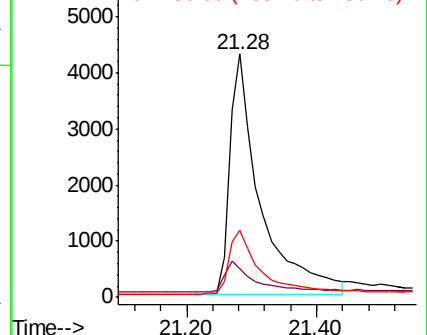
236 27.7 22.2 33.4



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: 0.093 ng

RT: 19.52 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

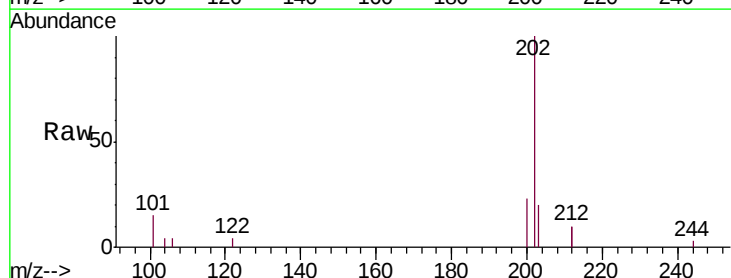
Tgt Ion:202 Resp: 4865

Ion Ratio Lower Upper

202 100

200 22.1 17.0 25.4

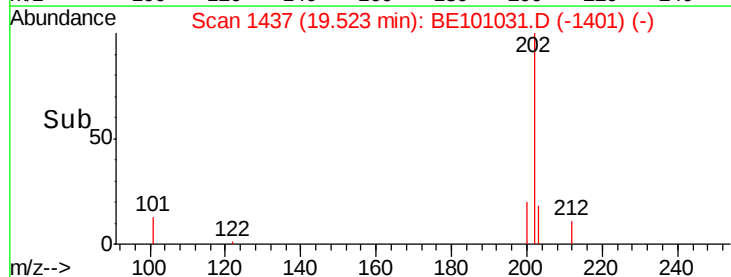
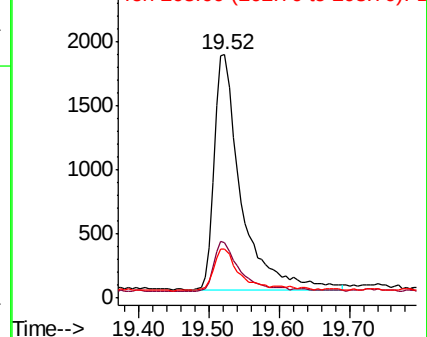
203 16.7 13.8 20.6

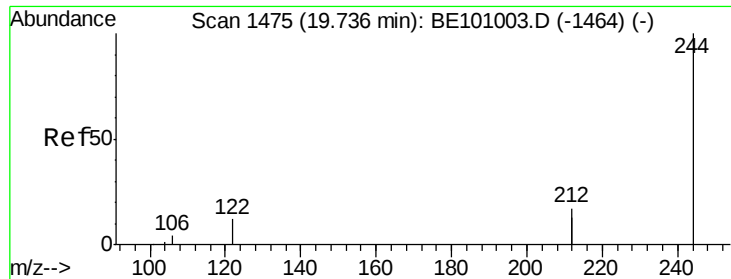


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

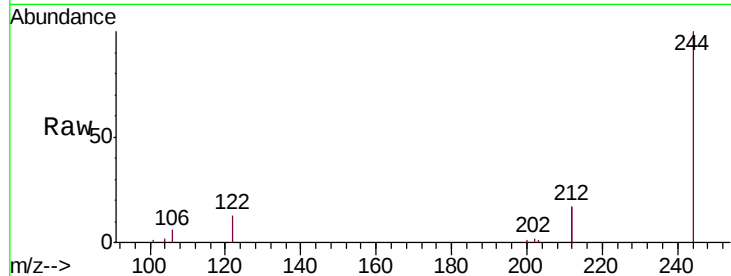




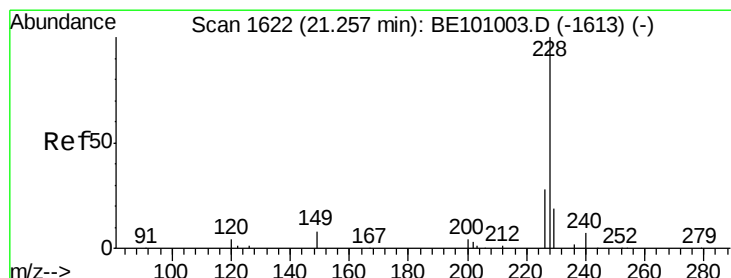
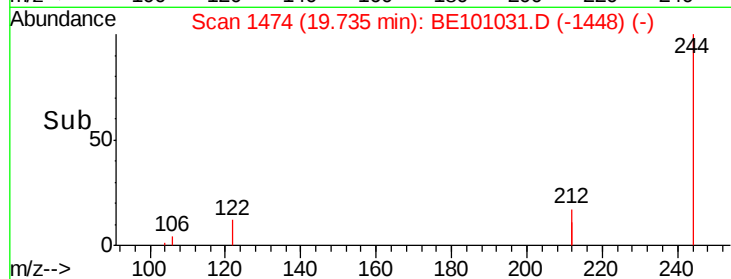
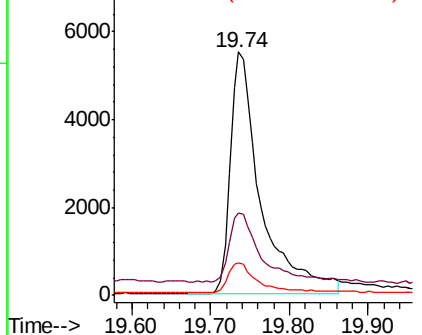
#29
 Terphenyl-d14
 Concen: 0.428 ng
 RT: 19.74 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BE101031.D
 Acq: 10 Jan 2020 20:05

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tgt Ion:244 Resp: 14845
 Ion Ratio Lower Upper
 244 100
 212 33.8 27.2 40.8
 122 13.2 9.8 14.8

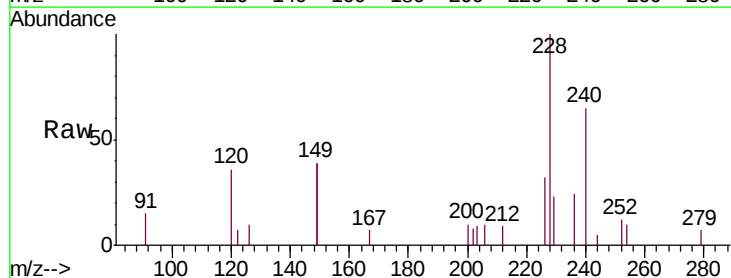


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

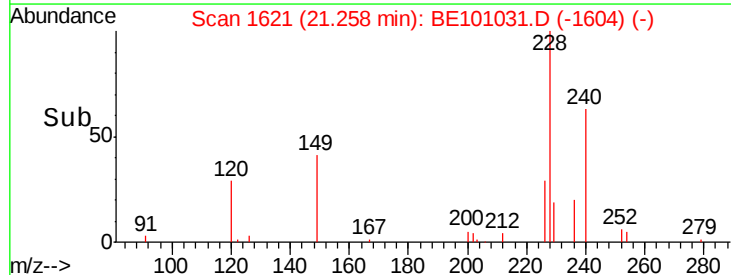
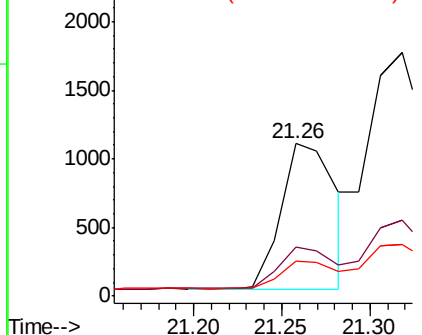


#30
 Benzo(a)anthracene
 Concen: 0.057 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BE101031.D
 Acq: 10 Jan 2020 20:05

Tgt Ion:228 Resp: 2292
 Ion Ratio Lower Upper
 228 100
 226 32.3 22.7 34.1
 229 22.6 15.5 23.3



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: 0.107 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

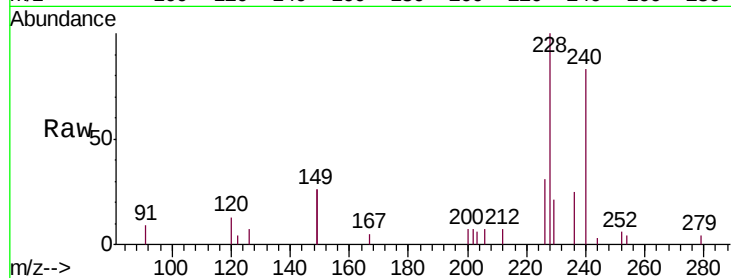
Tgt Ion:228 Resp: 6400

Ion Ratio Lower Upper

228 100

226 31.4 23.5 35.3

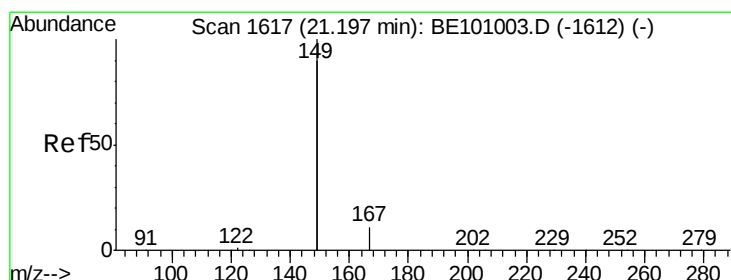
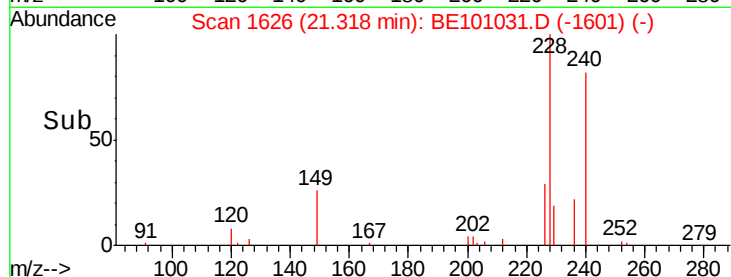
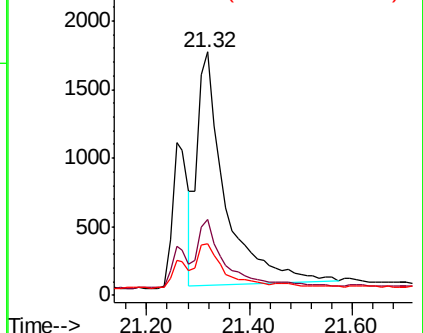
229 21.4 16.7 25.1



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: 0.076 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

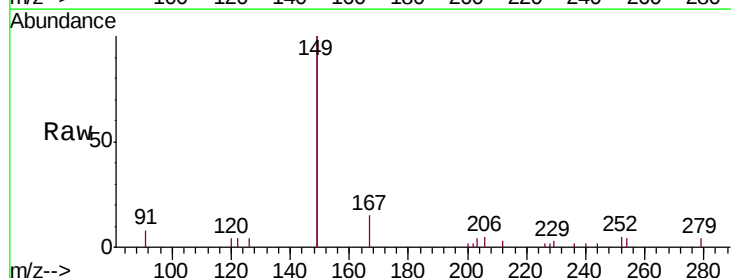
Tgt Ion:149 Resp: 5138

Ion Ratio Lower Upper

149 100

167 6.8 5.2 7.8

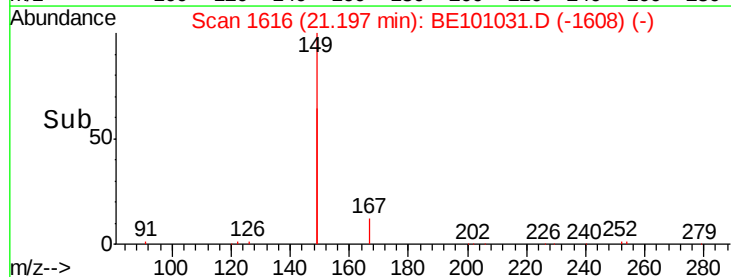
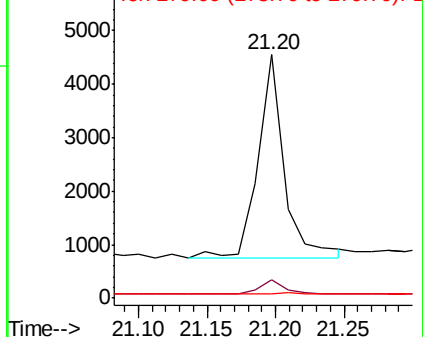
279 1.4 0.8 1.2#



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: 0.058 ng

RT: 26.24 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE101031.D

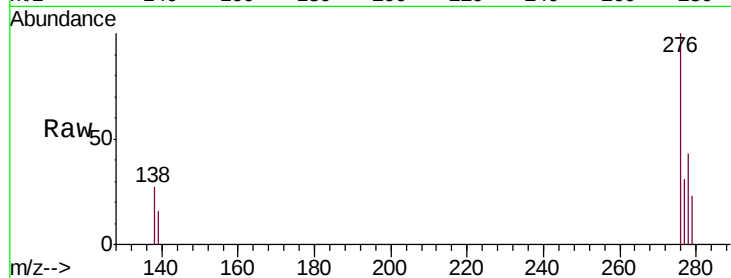
Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019



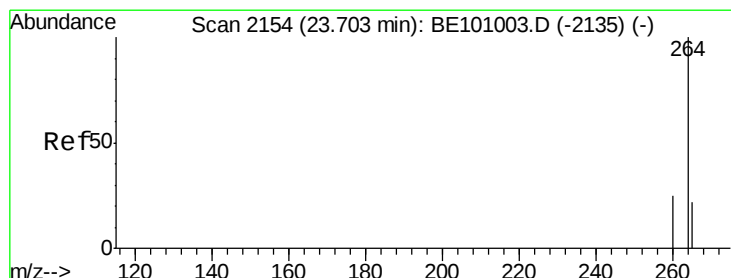
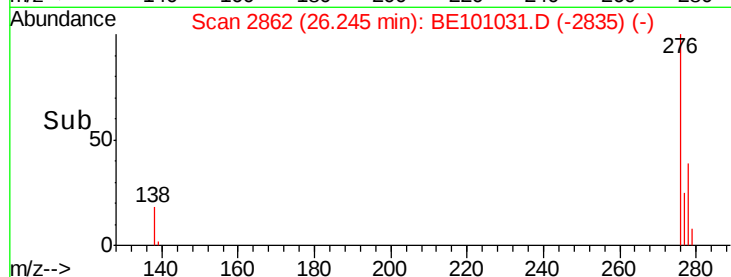
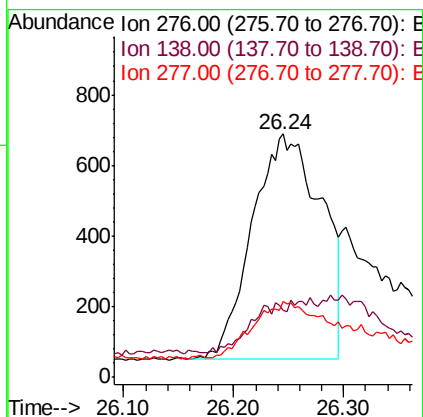
Tgt Ion: 276 Resp: 2768

Ion Ratio Lower Upper

276 100

138 7.3 16.1 24.1#

277 26.6 18.1 27.1



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.70 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

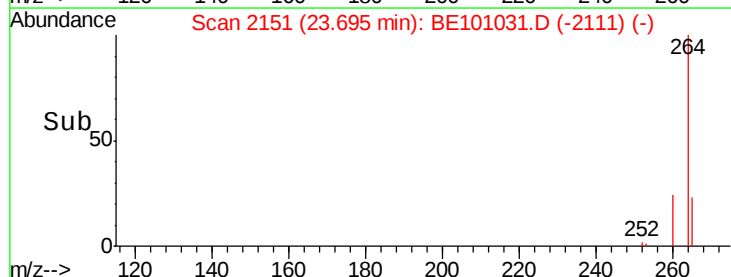
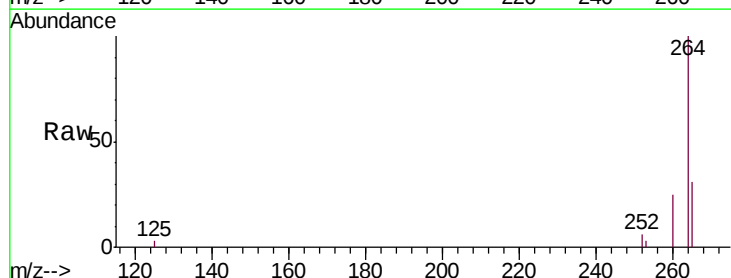
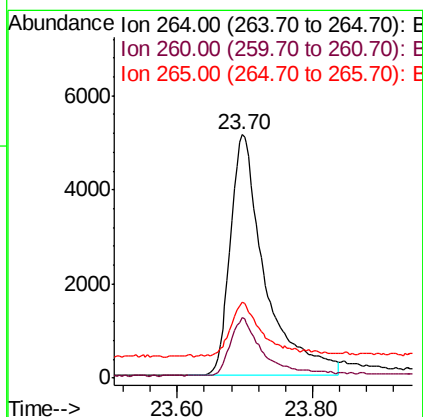
Tgt Ion: 264 Resp: 18277

Ion Ratio Lower Upper

264 100

260 24.9 20.3 30.5

265 31.3 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 0.061 ng

RT: 22.96 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

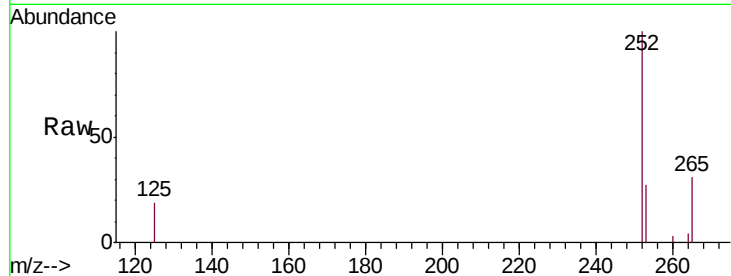
Tgt Ion:252 Resp: 3118

Ion Ratio Lower Upper

252 100

253 27.0 18.5 27.7

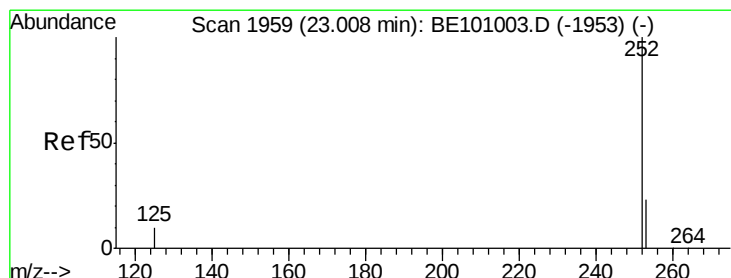
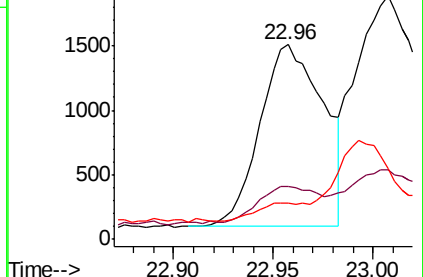
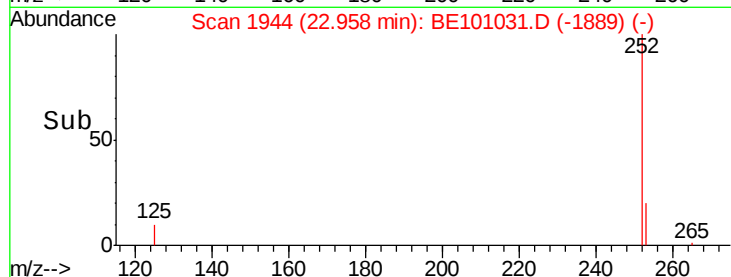
125 18.6 9.5 14.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.077 ng

RT: 23.01 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

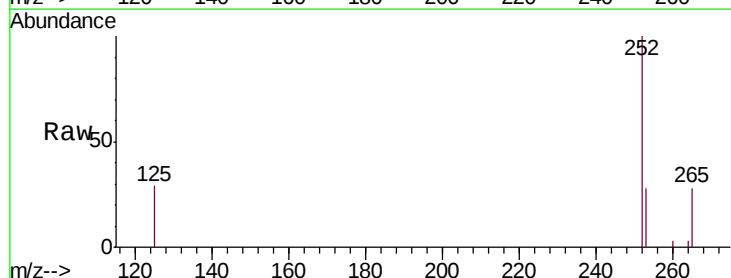
Tgt Ion:252 Resp: 5747

Ion Ratio Lower Upper

252 100

253 28.4 18.9 28.3#

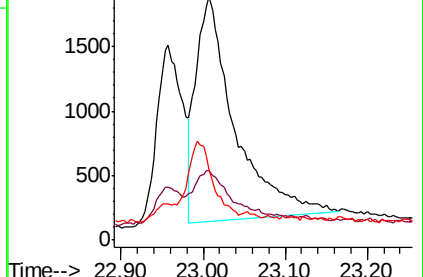
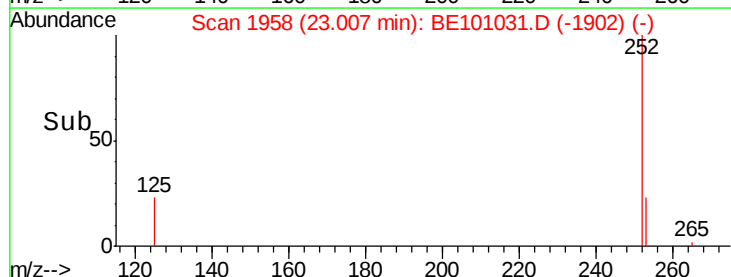
125 28.8 10.1 15.1#

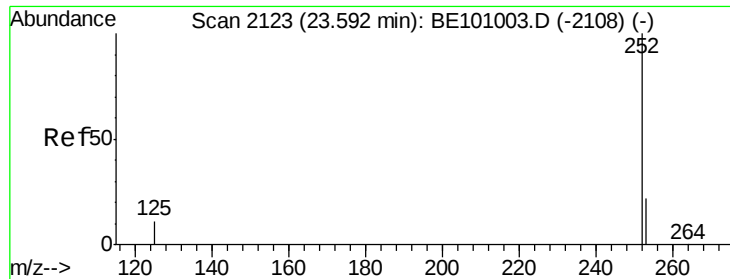


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.071 ng

RT: 23.59 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

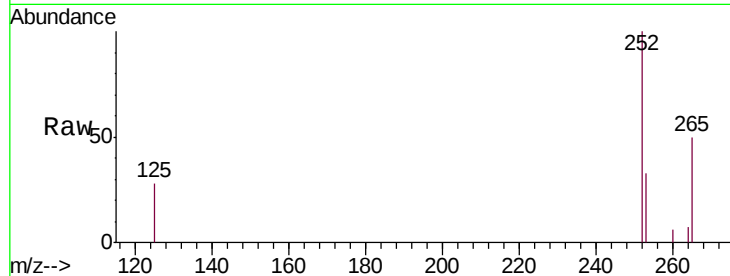
Tgt Ion:252 Resp: 3507

Ion Ratio Lower Upper

252 100

253 33.0 19.4 29.2#

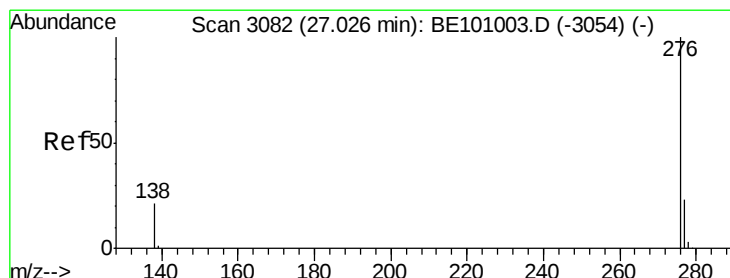
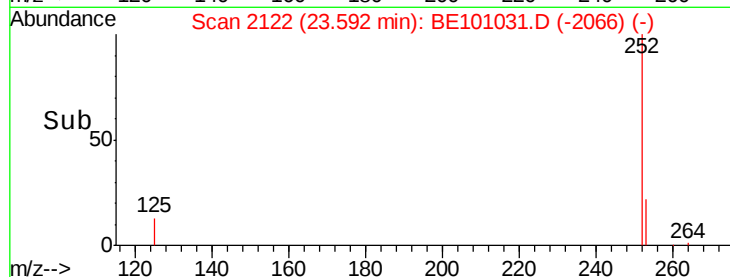
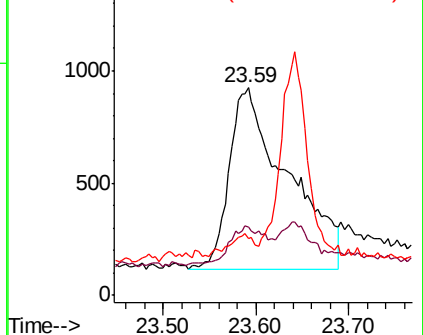
125 27.5 11.8 17.6#



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



#39

Benzo(g,h,i)perylene

Concen: 0.071 ng

RT: 27.02 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BE101031.D

Acq: 10 Jan 2020 20:05

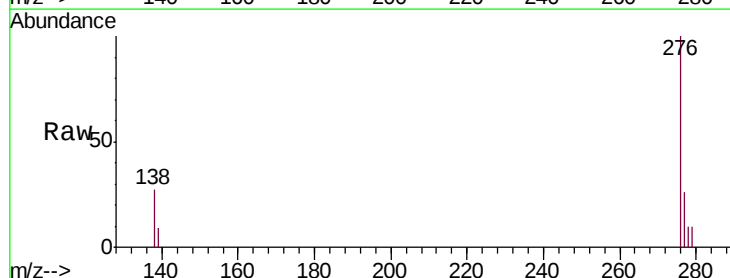
Tgt Ion:276 Resp: 3996

Ion Ratio Lower Upper

276 100

277 25.9 19.4 29.2

138 26.6 17.9 26.9



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

