

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011120\
 Data File : BE101032.D
 Acq On : 10 Jan 2020 20:41
 Operator : JU
 Sample : K3591-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Quant Time: Jan 11 01:48:04 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

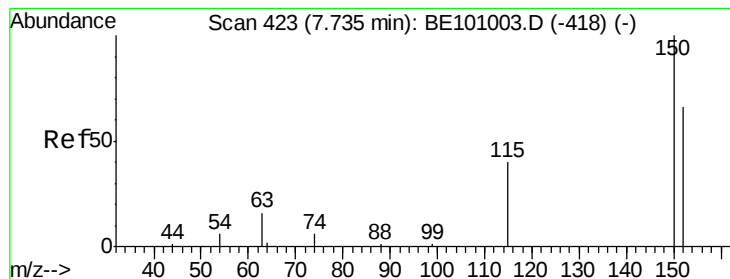
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3249	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	14282	0.40	ng	0.01
13) Acenaphthene-d10	14.35	164	9086	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19831	0.40	ng	0.00
27) Chrysene-d12	21.28	240	15682	0.40	ng	0.00
34) Perylene-d12	23.69	264	19559	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	2250	0.31	ng	0.00
5) Phenol-d6	6.92	99	2245	0.24	ng	0.00
8) Nitrobenzene-d5	8.90	82	2462	0.24	ng	0.02
11) 2-Methylnaphthalene-d10	12.12	152	8834	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.85	330	564	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	13358	0.39	ng	0.00
25) Fluoranthene-d10	19.13	212	80715	0.29	ng	0.00
29) Terphenyl-d14	19.74	244	15955	0.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	1688m	0.132	ng	
3) n-Nitrosodimethylamine	3.64	42	348m	0.077	ng	
6) bis(2-Chloroethyl)ether	7.19	93	640	0.058	ng	96
9) Naphthalene	10.56	128	14120	0.089	ng	# 96
10) Hexachlorobutadiene	10.85	225	648	0.096	ng	98
12) 2-Methylnaphthalene	12.19	142	2128	0.089	ng	# 89
16) Acenaphthylene	14.08	152	2637	0.071	ng	99
17) Acenaphthene	14.43	154	2124	0.080	ng	99
18) Fluorene	15.41	166	2502	0.075	ng	95
20) 4-Bromophenyl-phenylether	16.30	248	874	0.090	ng	93
21) Hexachlorobenzene	16.41	284	913	0.086	ng	98
22) Pentachlorophenol	16.76	266	315	0.335	ng	94
23) Phenanthrene	17.15	178	4147	0.077	ng	98
24) Anthracene	17.24	178	4212	0.082	ng	94
26) Fluoranthene	19.16	202	5387	0.079	ng	99
28) Pyrene	19.52	202	5164	0.088	ng	97
30) Benzo(a)anthracene	21.26	228	3034m	0.068	ng	
31) Chrysene	21.31	228	6718	0.101	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	8785	0.118	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.24	276	4247	0.081	ng	# 85
35) Benzo(b)fluoranthene	22.96	252	3414	0.062	ng	# 87
36) Benzo(k)fluoranthene	23.00	252	5756	0.072	ng	# 68
37) Benzo(a)pyrene	23.59	252	3626m	0.068	ng	
38) Dibenzo(a,h)anthracene	26.28	278	2629	0.054	ng	# 66
39) Benzo(g,h,i)perylene	27.01	276	4999	0.083	ng	94

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

```
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Data File : BE101032.D  
Acq On    : 10 Jan 2020   20:41  
Operator  : JU  
Sample    : K3591-08  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
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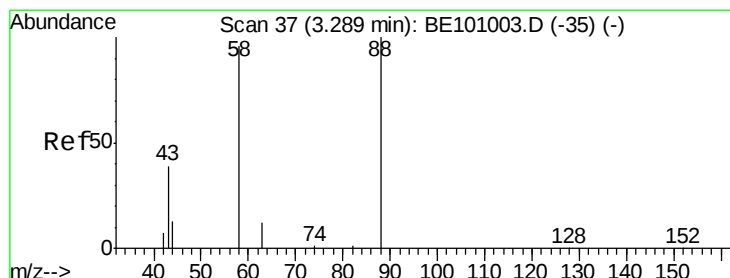
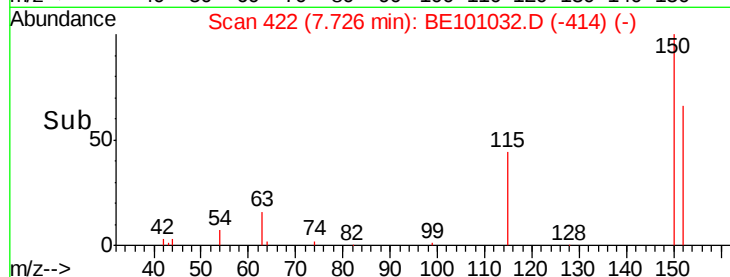
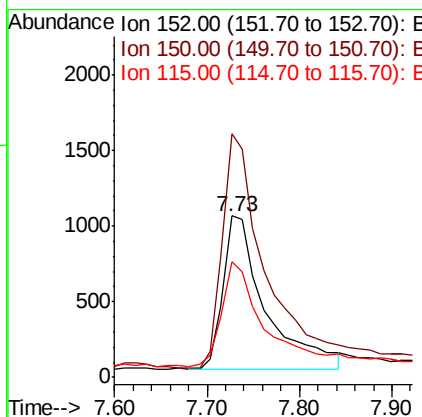
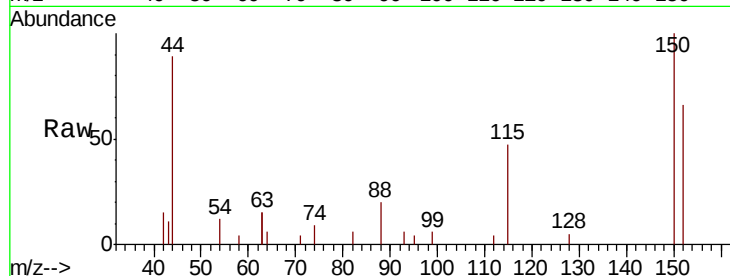


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101032.D
Acq: 10 Jan 2020 20:41

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT3-2019

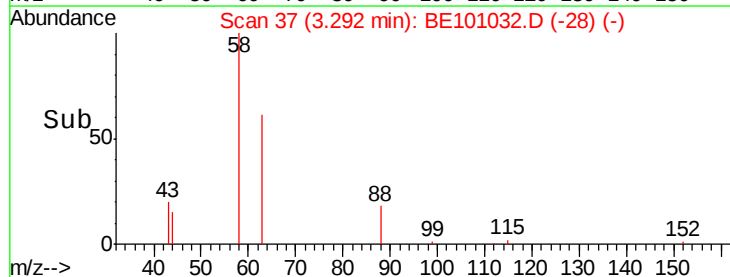
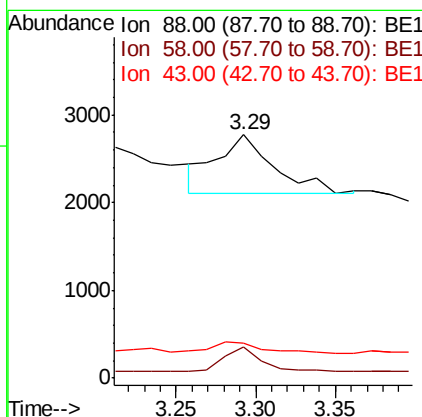
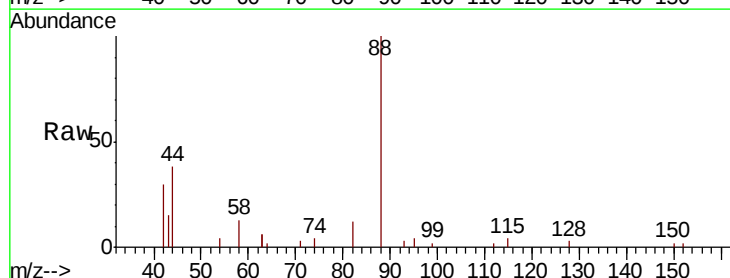
Tot Ion:152 Resp: 3249
Ion Ratio Lower Upper
152 100
150 150.7 120.3 180.5
115 71.3 51.7 77.5



#2

1,4-Dioxane
Concen: 0.132 ng m
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101032.D
Acq: 10 Jan 2020 20:41

Tgt Ion: 88 Resp: 1688
Ion Ratio Lower Upper
88 100
58 25.5 53.0 79.4#
43 14.1 23.4 35.2#





#3

n-Nitrosodimethylamine

Concen: 0.077 ng/mL

RT: 3.64 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

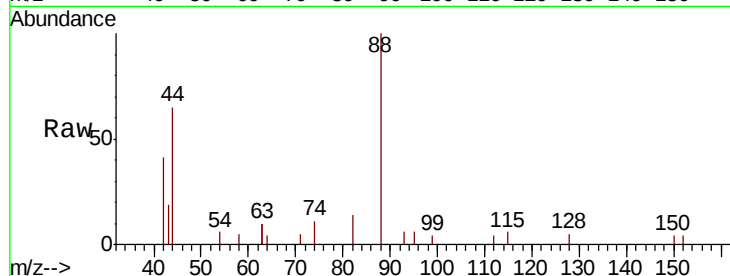
Tot Ion: 42 Resp: 348

Ion Ratio Lower Upper

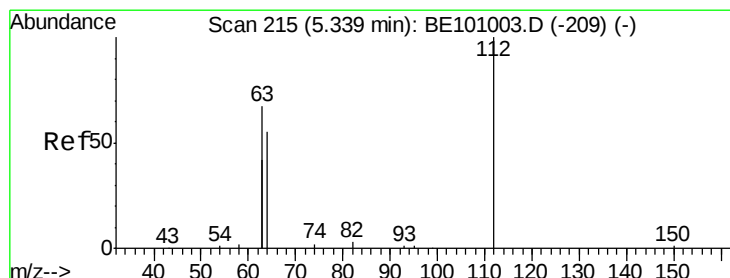
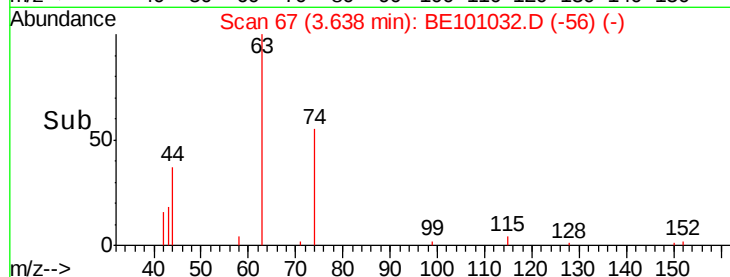
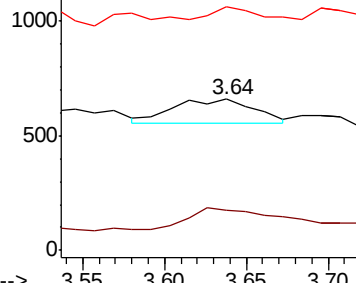
42 100

74 81.9 105.7 158.5#

44 26.4 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: 0.308 ng/mL

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

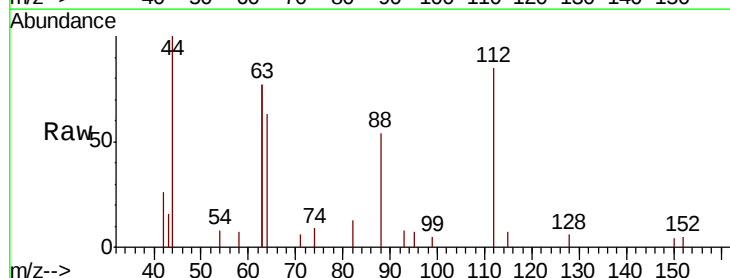
Tgt Ion: 112 Resp: 2250

Ion Ratio Lower Upper

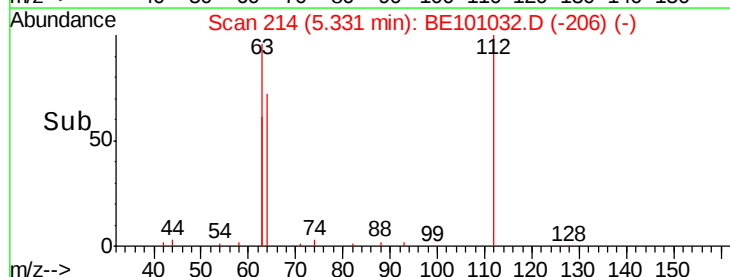
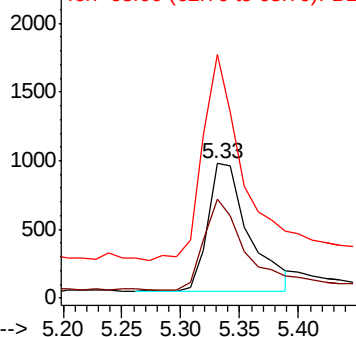
112 100

64 71.5 53.6 80.4

63 156.2 114.6 172.0



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: 0.243 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

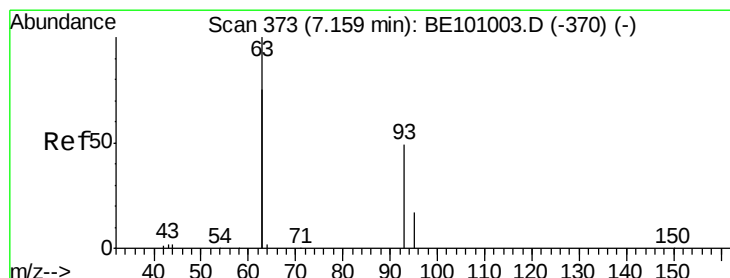
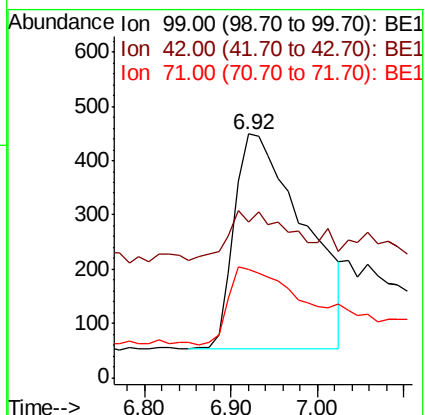
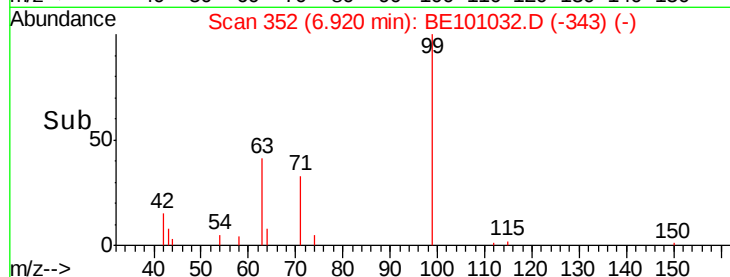
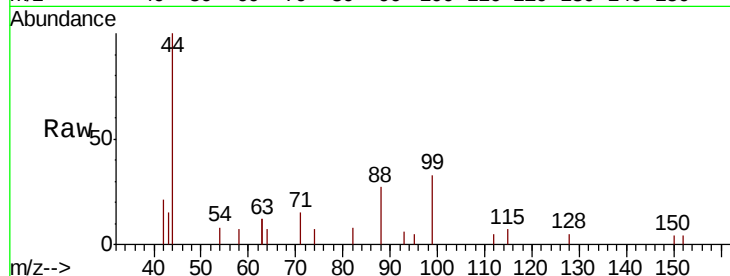
Tot Ion: 99 Resp: 2245

Ion Ratio Lower Upper

99 100

42 19.8 18.3 27.5

71 40.0 28.0 42.0



#6

bis(2-Chloroethyl)ether

Concen: 0.058 ng

RT: 7.19 min Scan# 375

Delta R.T. 0.03 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

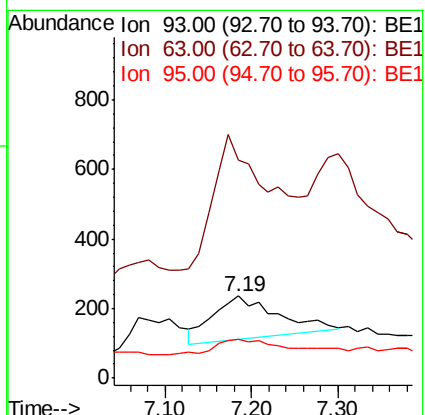
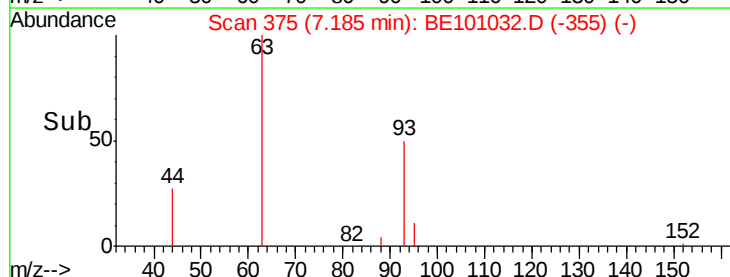
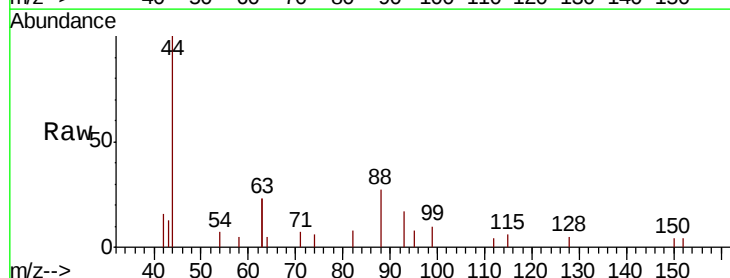
Tgt Ion: 93 Resp: 640

Ion Ratio Lower Upper

93 100

63 286.1 233.9 350.9

95 33.1 23.5 35.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:136 Resp: 14282

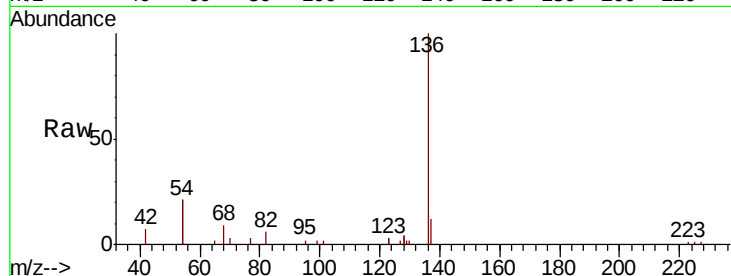
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 41.4 36.8 55.2

68 8.5 8.4 12.6

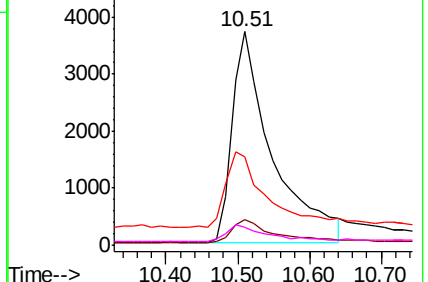
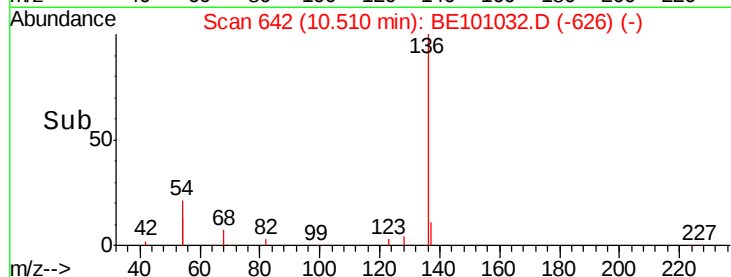


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.241 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.02 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

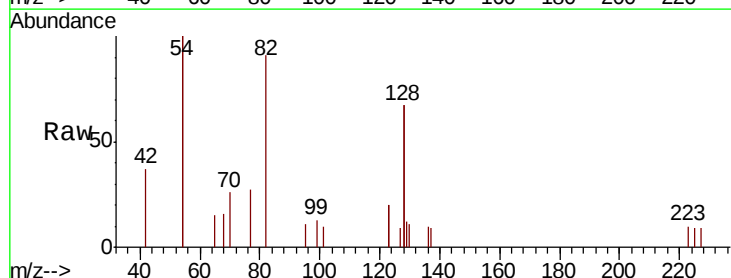
Tgt Ion: 82 Resp: 2462

Ion Ratio Lower Upper

82 100

128 147.1 109.8 164.6

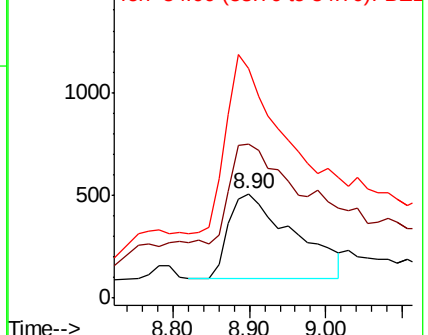
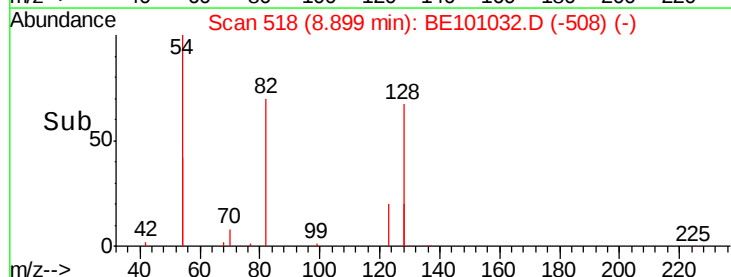
54 220.1 174.5 261.7



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: 0.089 ng

RT: 10.56 min Scan# 646

Delta R.T. 0.01 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

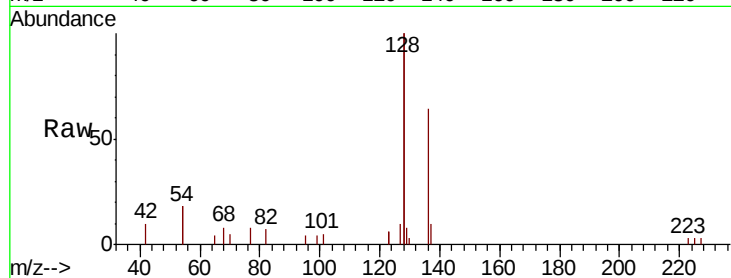
Tot Ion:128 Resp: 14120

Ion Ratio Lower Upper

128 100

129 4.2 2.3 3.5#

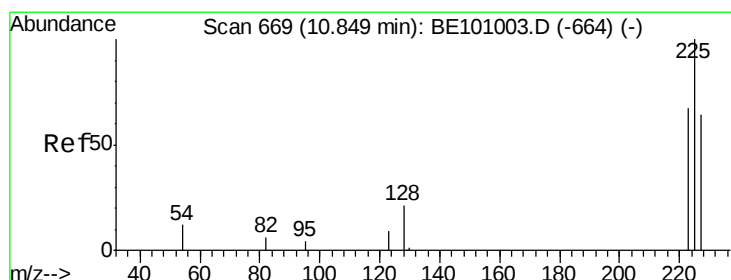
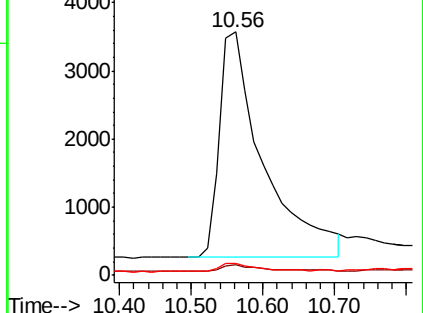
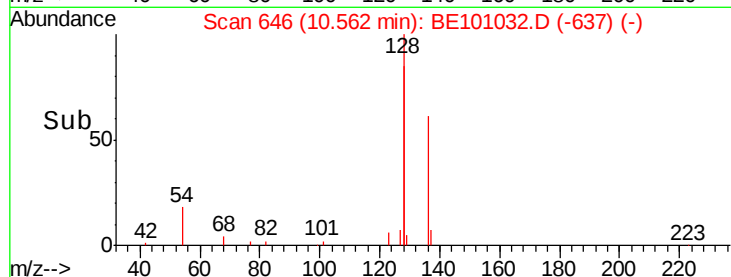
127 4.8 2.7 4.1#



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: 0.096 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

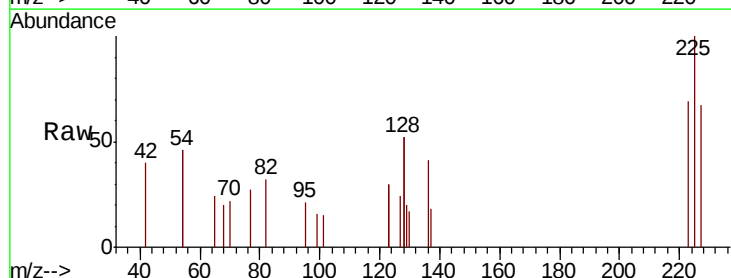
Tgt Ion:225 Resp: 648

Ion Ratio Lower Upper

225 100

223 64.7 52.2 78.4

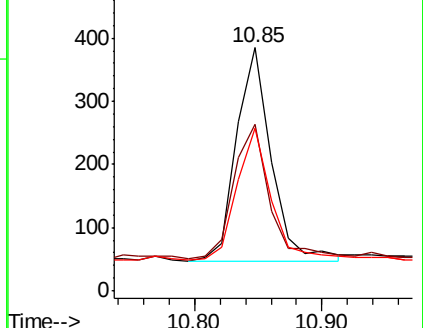
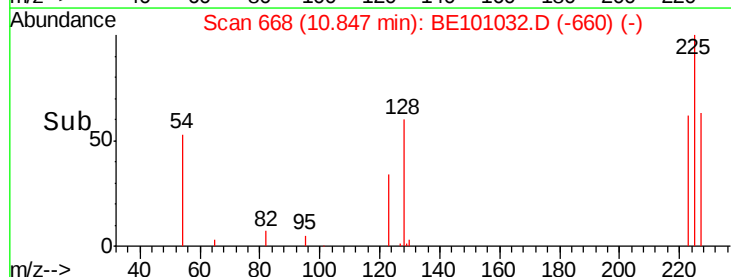
227 59.7 49.9 74.9



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

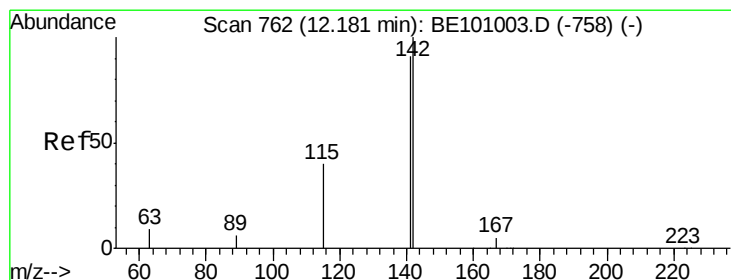
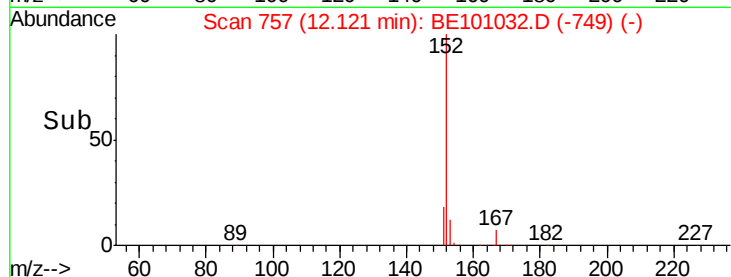
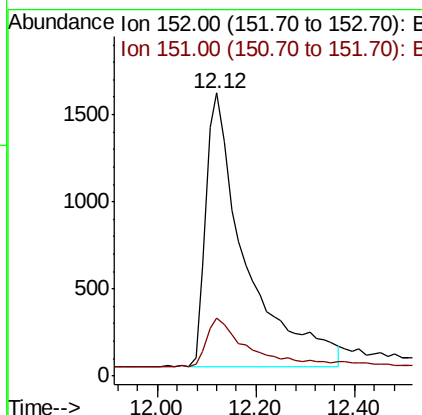
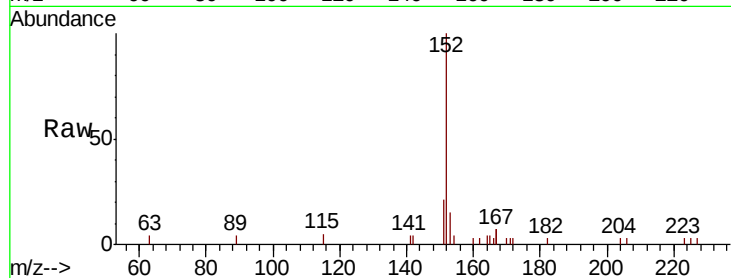




#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.01 min
Lab File: BE101032.D
Acq: 10 Jan 2020 20:41

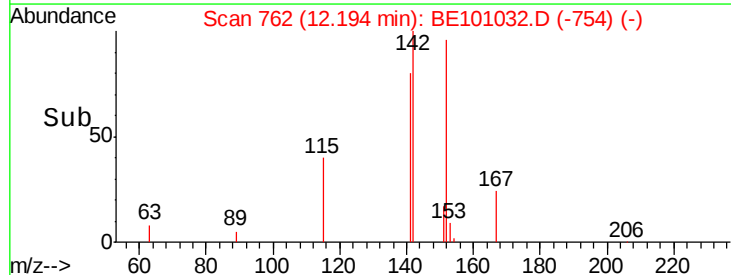
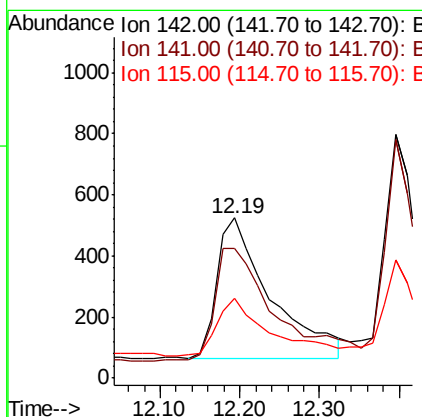
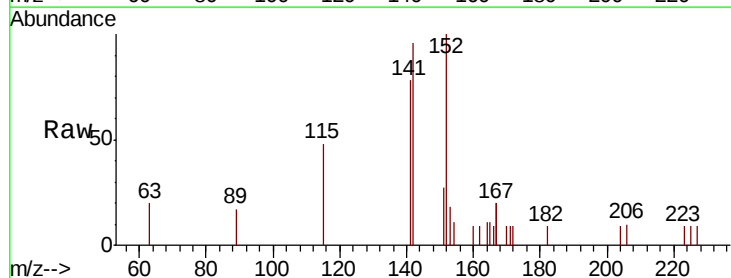
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:152 Resp: 8834
Ion Ratio Lower Upper
152 100
151 17.9 15.0 22.6



#12
2-Methylnaphthalene
Concen: 0.089 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.01 min
Lab File: BE101032.D
Acq: 10 Jan 2020 20:41

Tgt Ion:142 Resp: 2128
Ion Ratio Lower Upper
142 100
141 81.3 72.5 108.7
115 50.2 33.0 49.6#

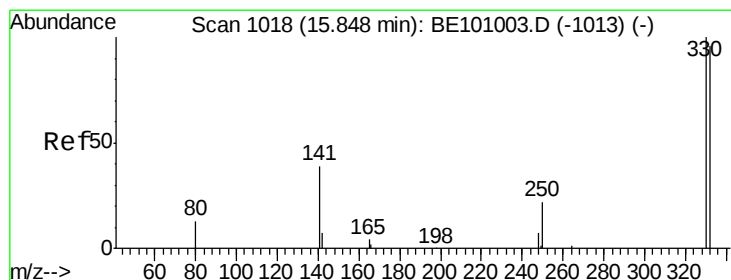
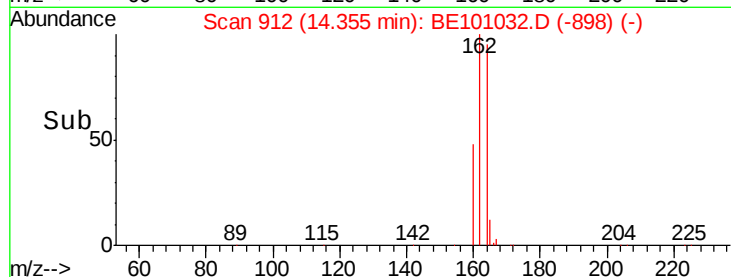
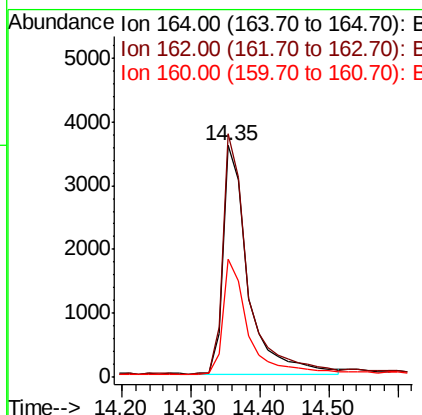
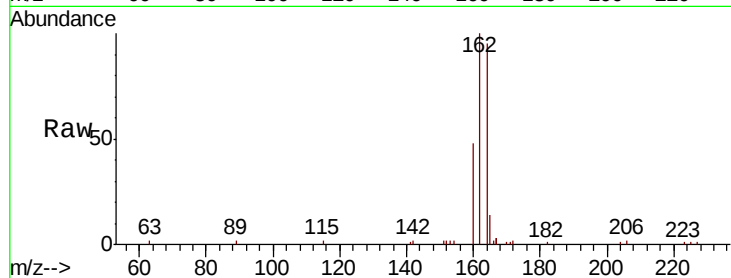




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101032.D
Acq: 10 Jan 2020 20:41

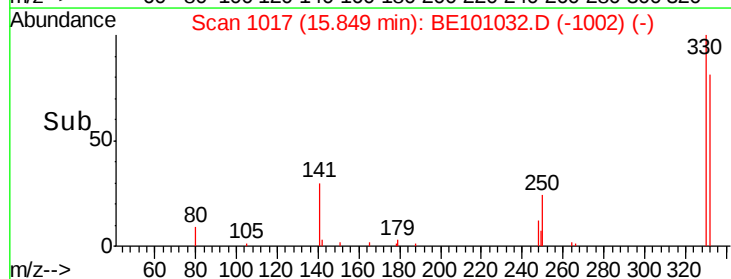
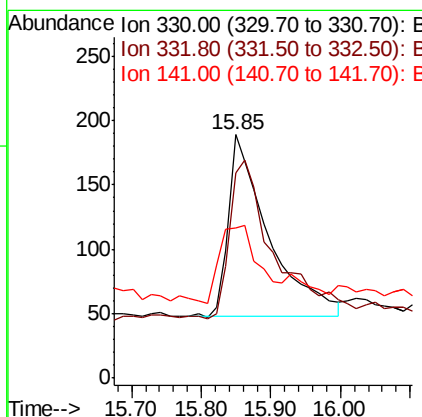
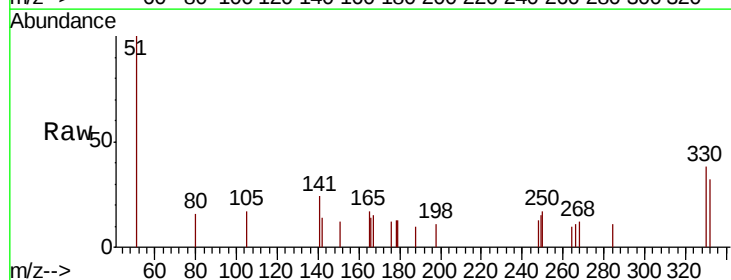
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:164 Resp: 9086
Ion Ratio Lower Upper
164 100
162 104.9 84.1 126.1
160 50.8 40.4 60.6



#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101032.D
Acq: 10 Jan 2020 20:41

Tgt Ion:330 Resp: 564
Ion Ratio Lower Upper
330 100
332 96.6 78.4 117.6
141 40.2 37.0 55.4

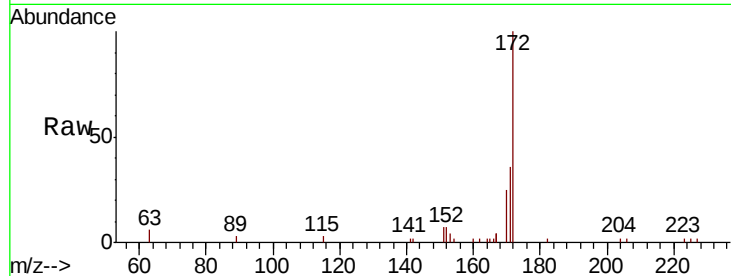




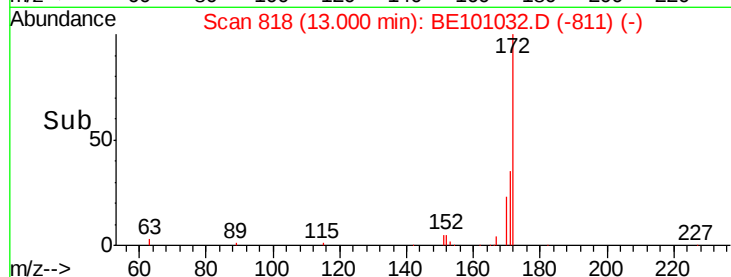
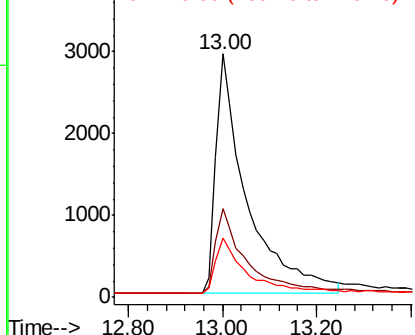
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101032.D
Acq: 10 Jan 2020 20:41

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:172 Resp: 13358
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.2
170 24.5 18.9 28.3

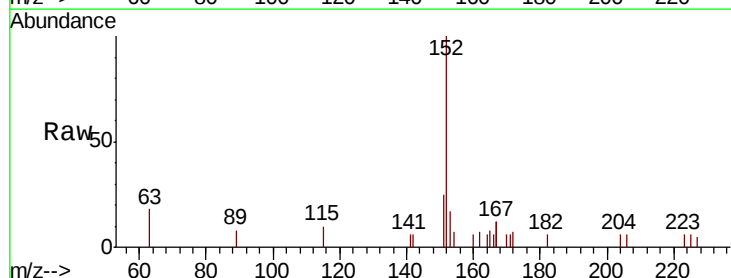


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

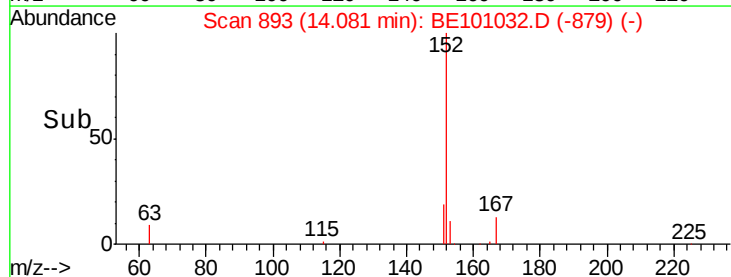
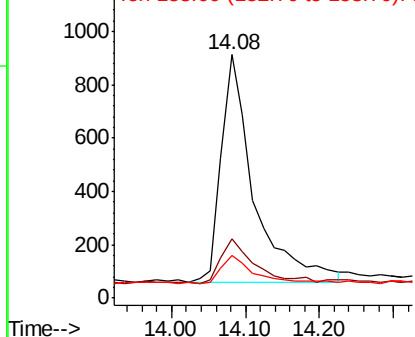


#16
Acenaphthylene
Concen: 0.071 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101032.D
Acq: 10 Jan 2020 20:41

Tgt Ion:152 Resp: 2637
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 12.1 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

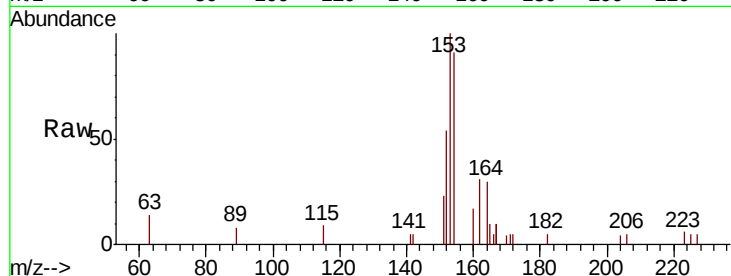




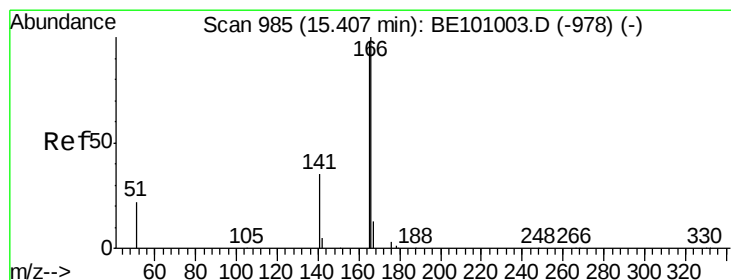
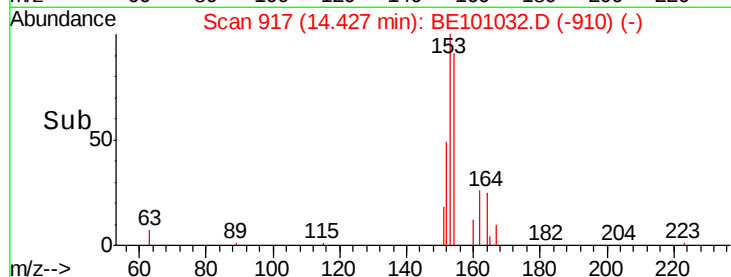
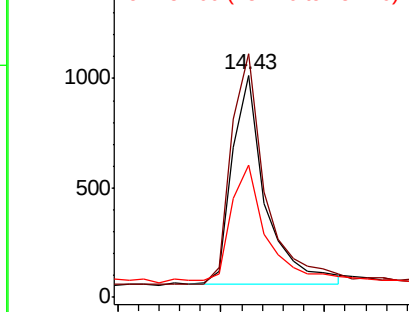
#17
Acenaphthene
Concen: 0.080 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101032.D
Acq: 10 Jan 2020 20:41

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:154 Resp: 2124
Ion Ratio Lower Upper
154 100
153 115.7 93.6 140.4
152 57.9 46.3 69.5

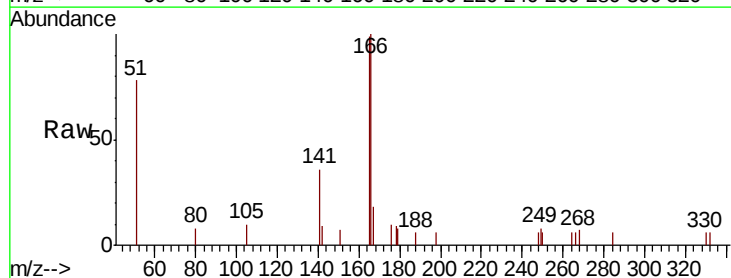


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

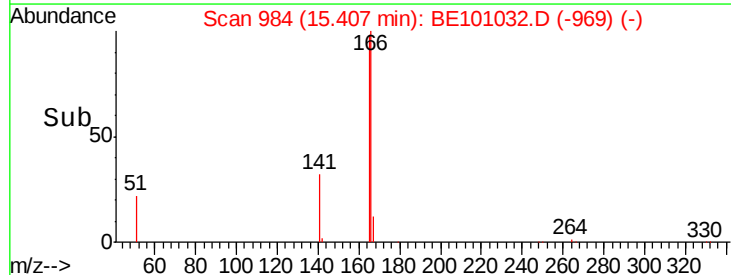
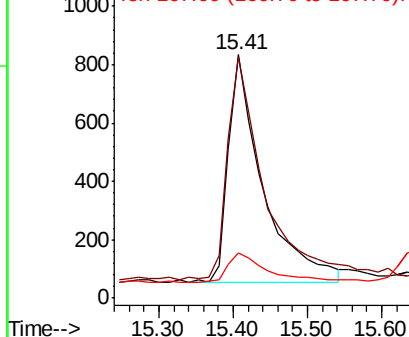


#18
Fluorene
Concen: 0.075 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101032.D
Acq: 10 Jan 2020 20:41

Tgt Ion:166 Resp: 2502
Ion Ratio Lower Upper
166 100
165 104.6 79.8 119.8
167 14.9 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: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

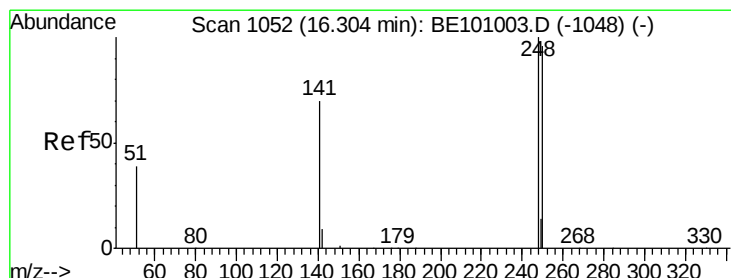
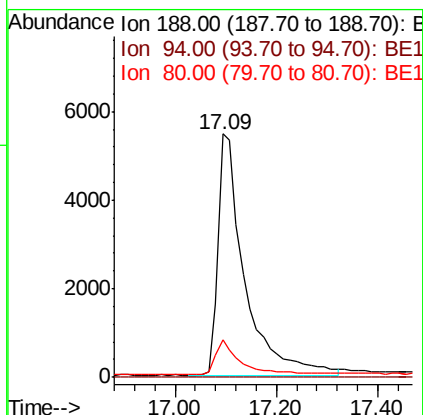
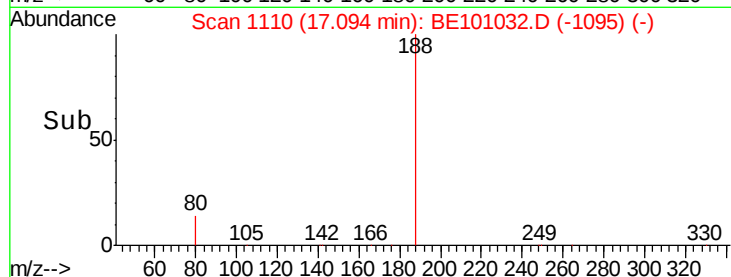
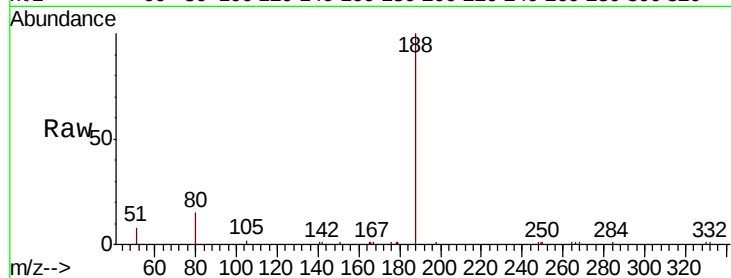
Tot Ion:188 Resp: 19831

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.2 10.8 16.2



#20

4-Bromophenyl-phenylether

Concen: 0.090 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

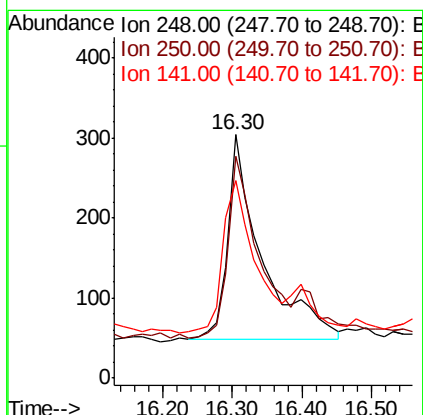
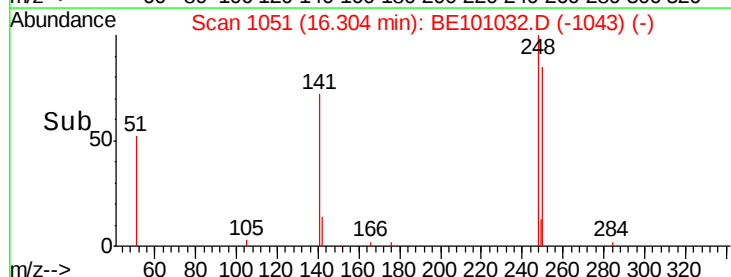
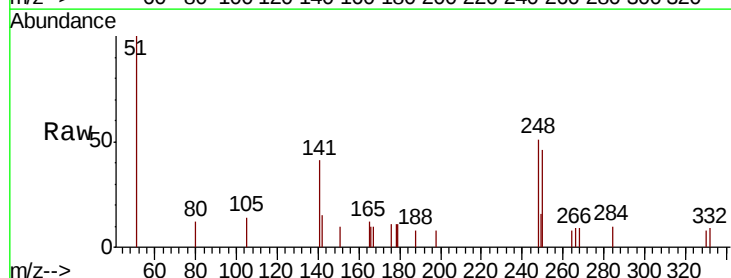
Tgt Ion:248 Resp: 874

Ion Ratio Lower Upper

248 100

250 91.1 76.6 115.0

141 81.3 57.7 86.5





#21

Hexachlorobenzene

Concen: 0.086 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

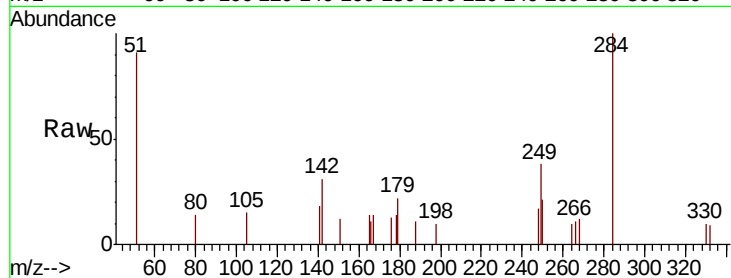
Tot Ion:284 Resp: 913

Ion Ratio Lower Upper

284 100

142 43.2 34.0 51.0

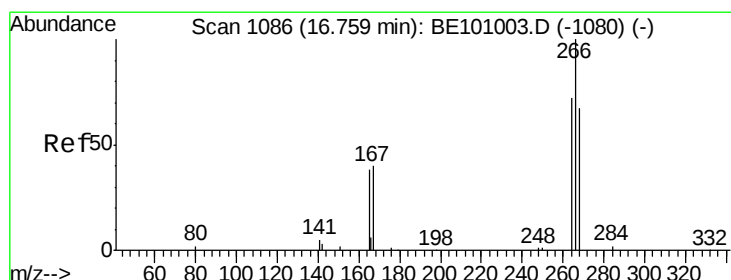
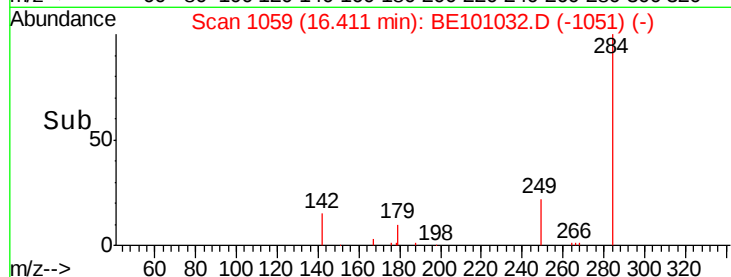
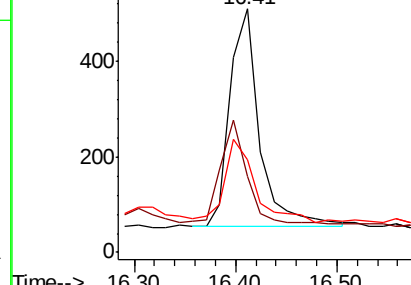
249 37.1 28.2 42.4



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: 0.335 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

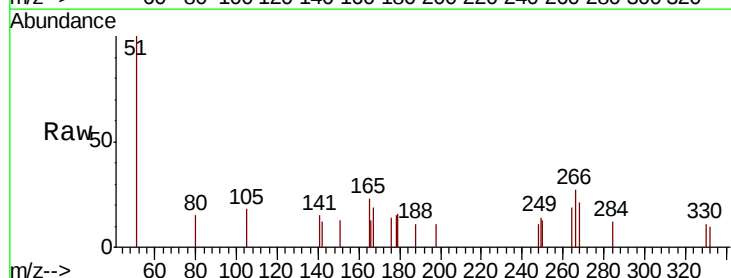
Tgt Ion:266 Resp: 315

Ion Ratio Lower Upper

266 100

264 71.4 61.0 91.4

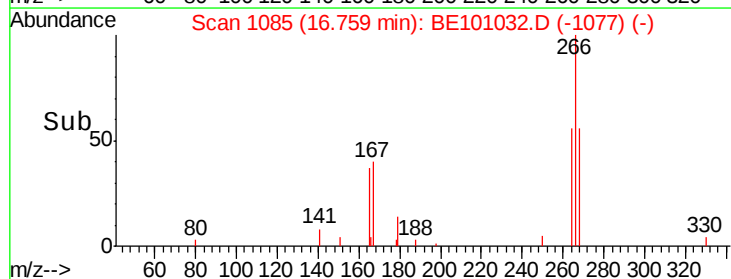
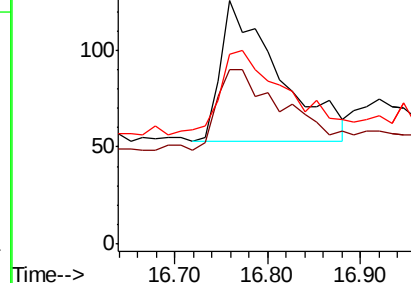
268 77.8 58.5 87.7



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: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

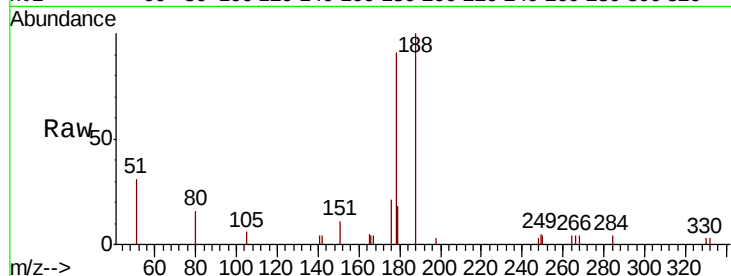
Tot Ion:178 Resp: 4147

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

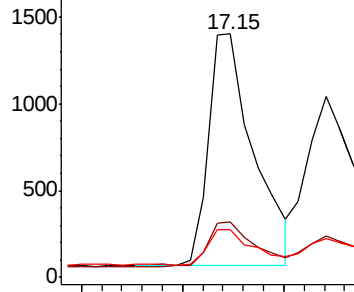
179 15.9 12.0 18.0



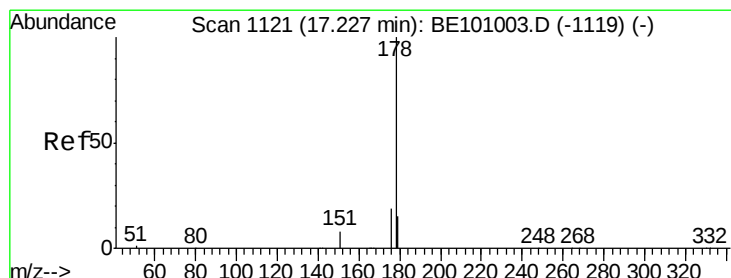
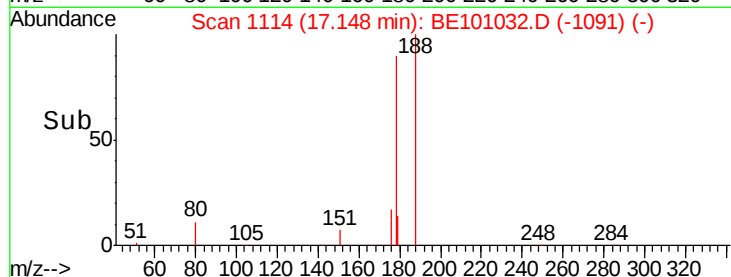
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.082 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

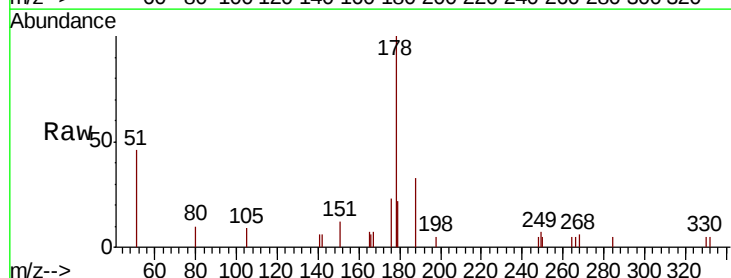
Tgt Ion:178 Resp: 4212

Ion Ratio Lower Upper

178 100

176 14.8 14.8 22.2

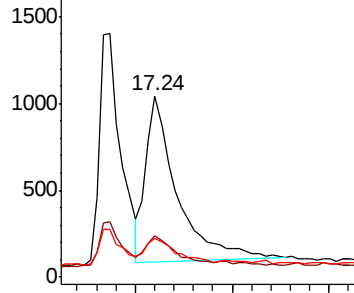
179 14.2 12.4 18.6



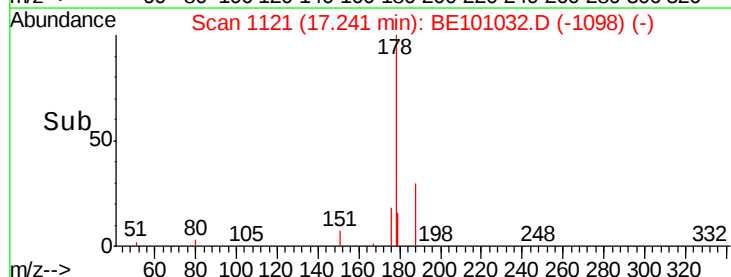
Abundance Ion 178.00 (177.70 to 178.70): E

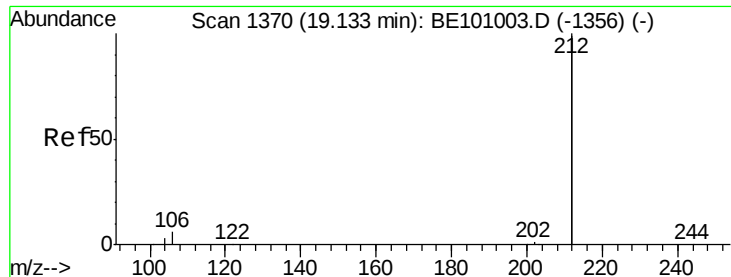
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.293 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

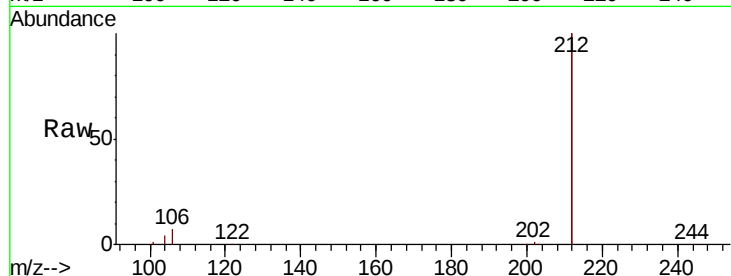
Tot Ion:212 Resp: 80715

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

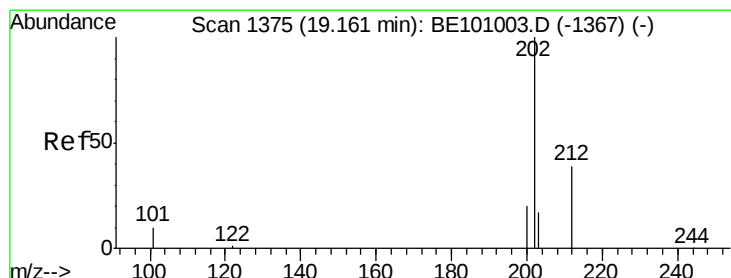
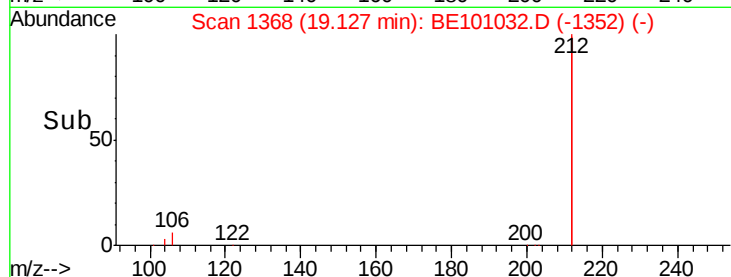
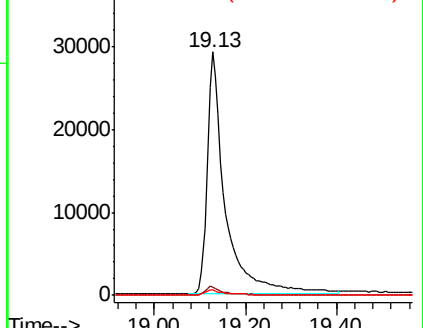
104 1.8 1.4 2.0



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: 0.079 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

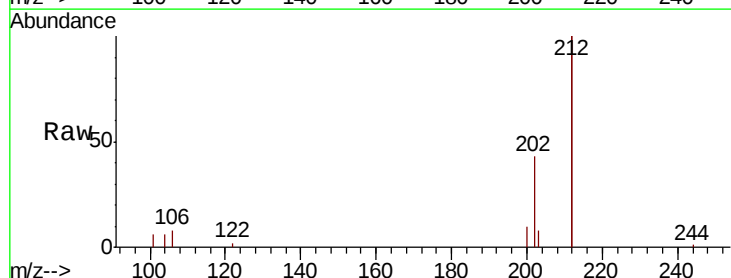
Tgt Ion:202 Resp: 5387

Ion Ratio Lower Upper

202 100

101 12.4 9.6 14.4

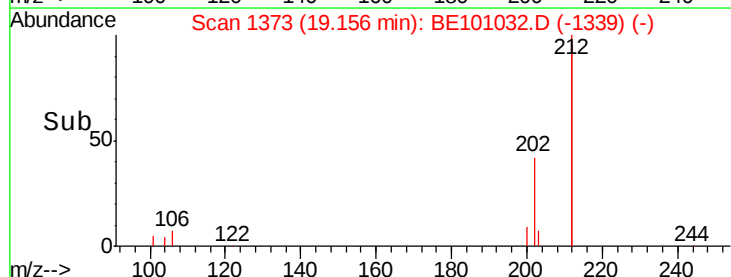
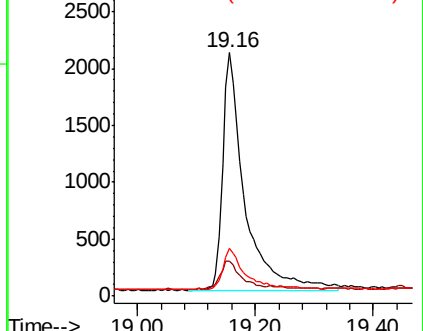
203 17.2 13.8 20.6



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: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

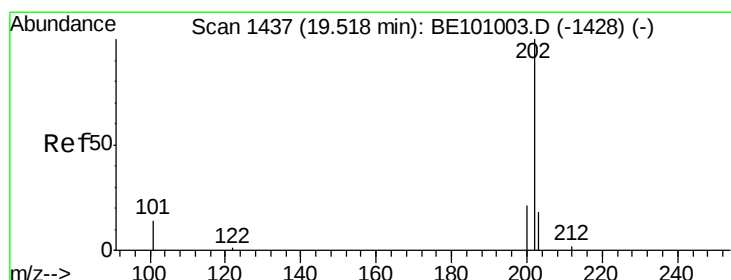
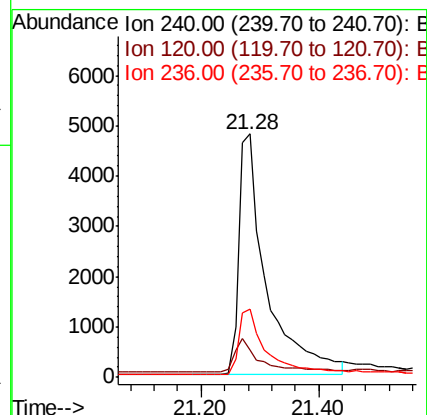
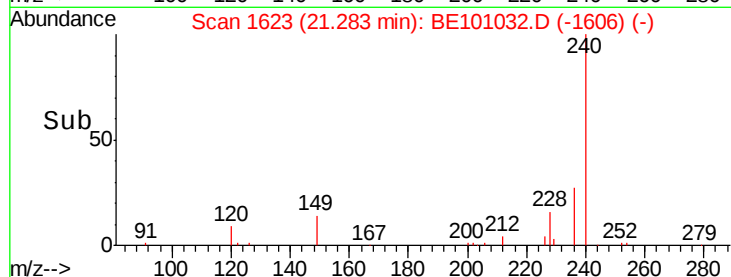
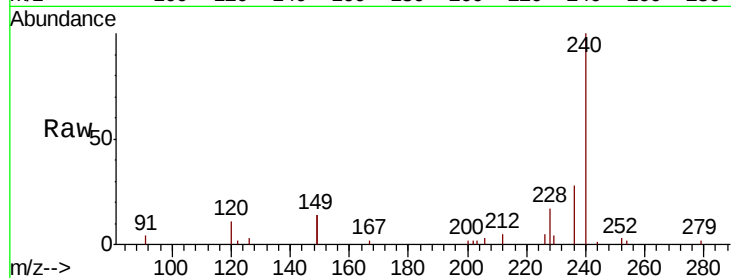
Tot Ion:240 Resp: 15682

Ion Ratio Lower Upper

240 100

120 11.0 8.6 13.0

236 27.9 22.2 33.4



#28

Pyrene

Concen: 0.088 ng

RT: 19.52 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

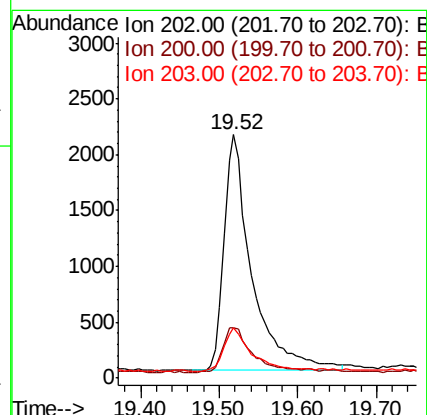
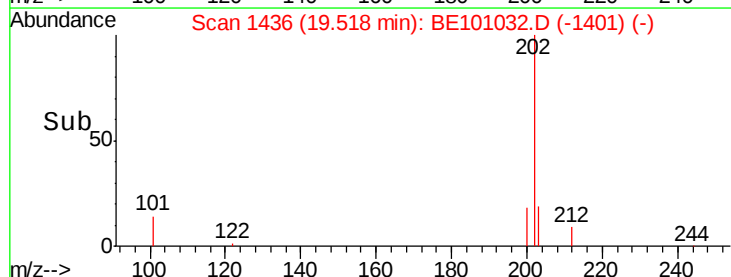
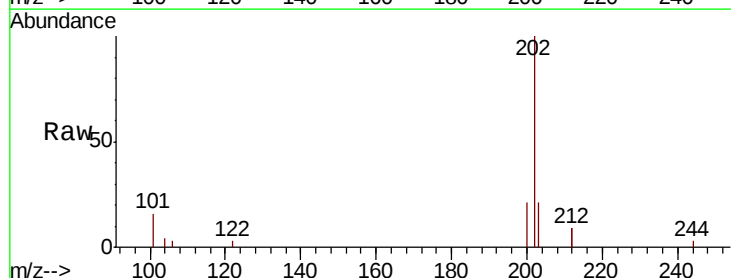
Tgt Ion:202 Resp: 5164

Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.4

203 18.4 13.8 20.6





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

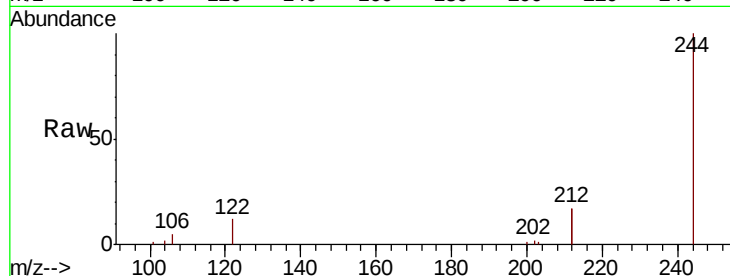
Tot Ion:244 Resp: 15955

Ion Ratio Lower Upper

244 100

212 33.7 27.2 40.8

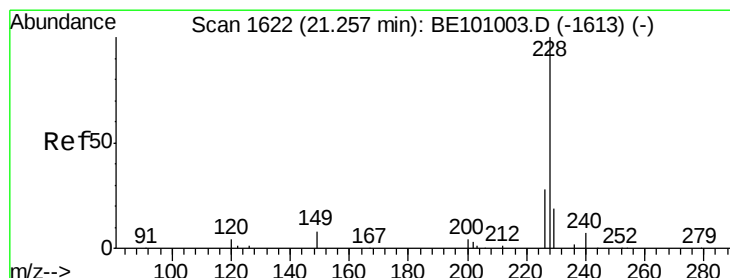
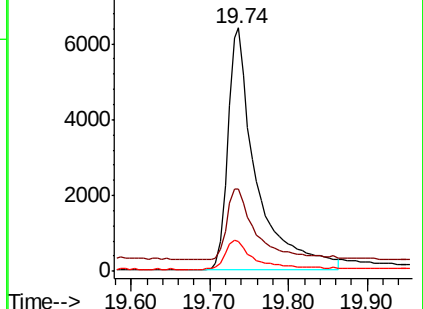
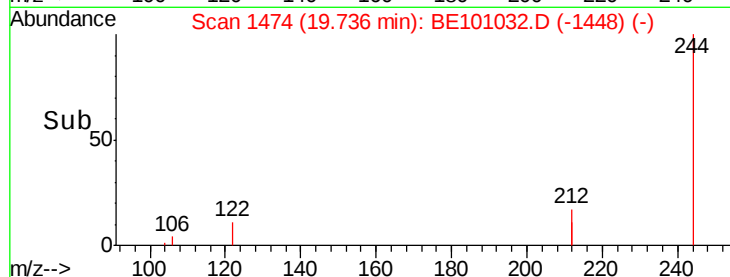
122 12.1 9.8 14.8



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: 0.068 ng m

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

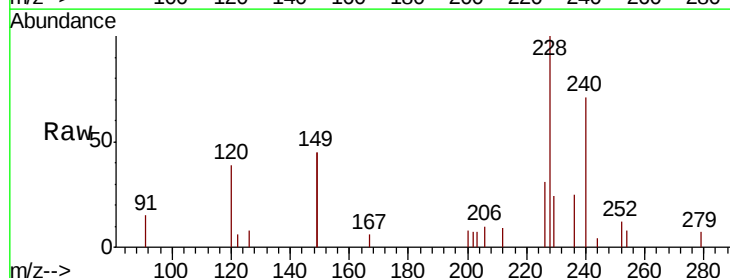
Tgt Ion:228 Resp: 3034

Ion Ratio Lower Upper

228 100

226 30.9 22.7 34.1

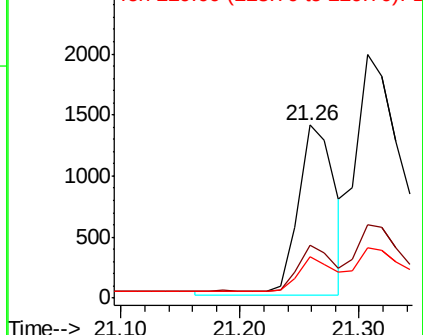
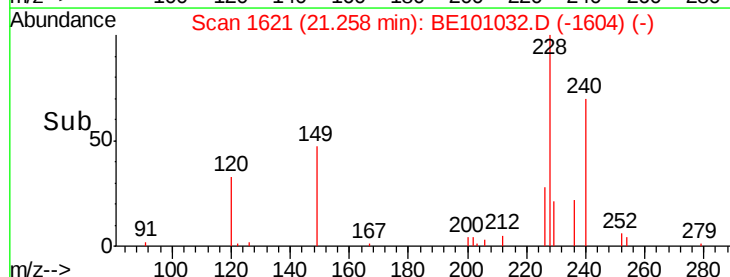
229 23.7 15.5 23.3#



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: 0.101 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

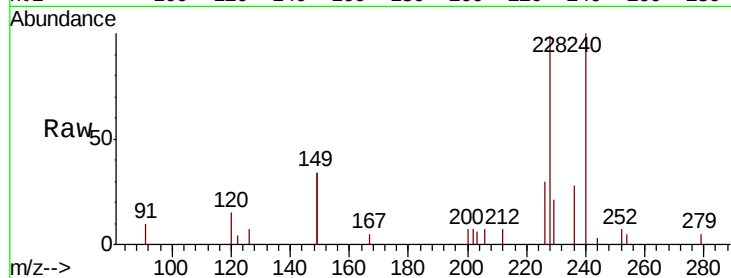
Tot Ion:228 Resp: 6718

Ion Ratio Lower Upper

228 100

226 30.3 23.5 35.3

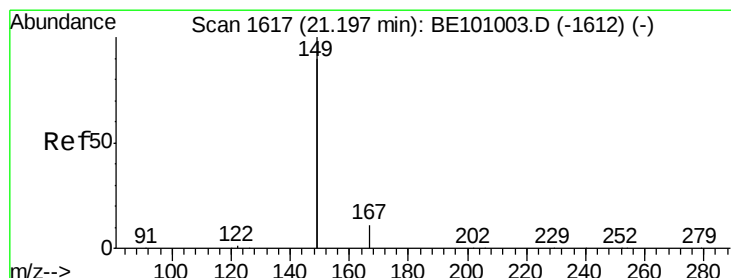
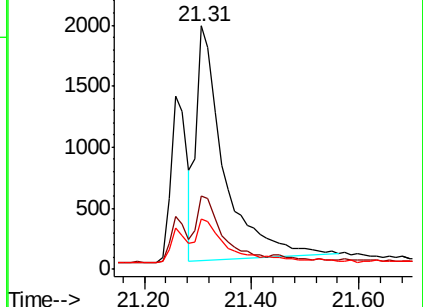
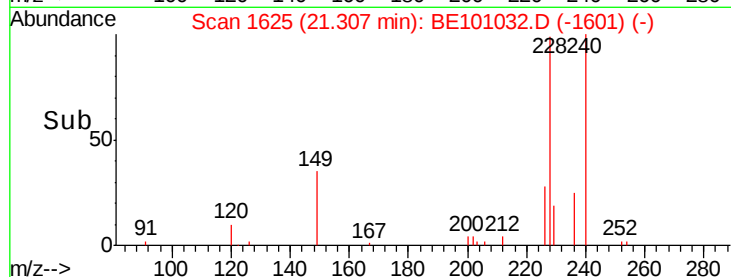
229 20.9 16.7 25.1



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: 0.118 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

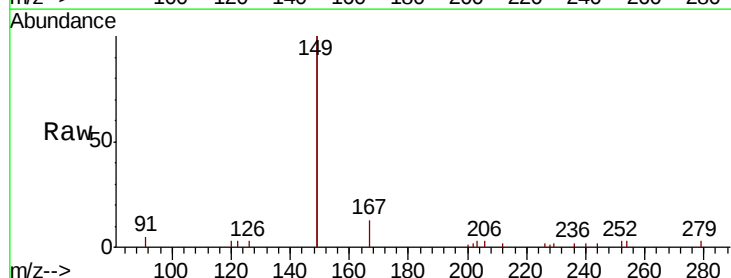
Tgt Ion:149 Resp: 8785

Ion Ratio Lower Upper

149 100

167 6.4 5.2 7.8

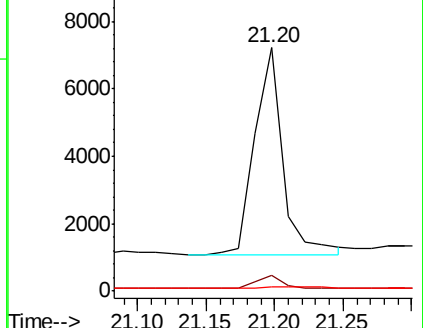
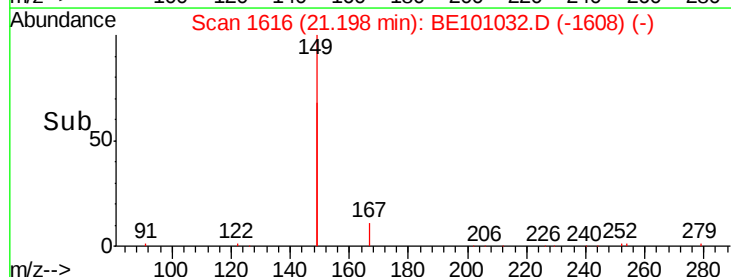
279 1.2 0.8 1.2#



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

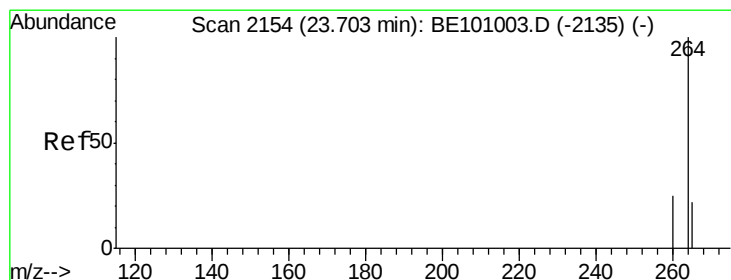
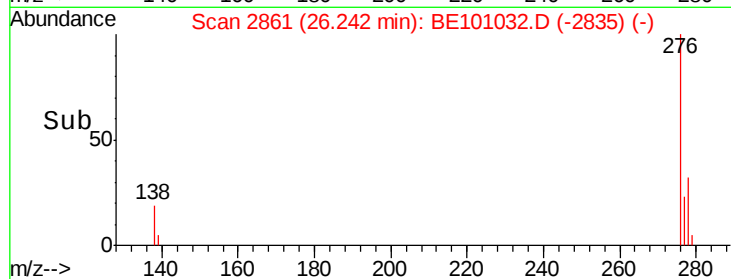
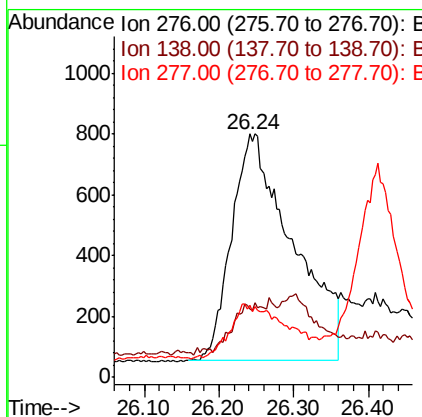
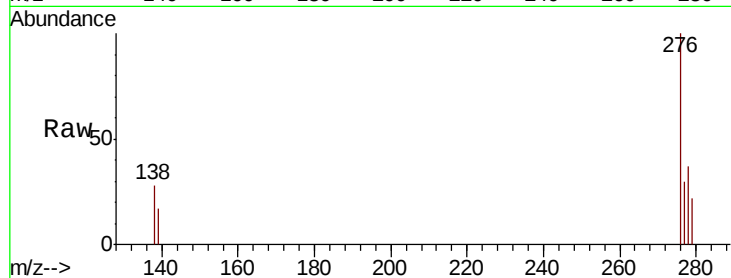




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.081 ng
 RT: 26.24 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BE101032.D
 Acq: 10 Jan 2020 20:41

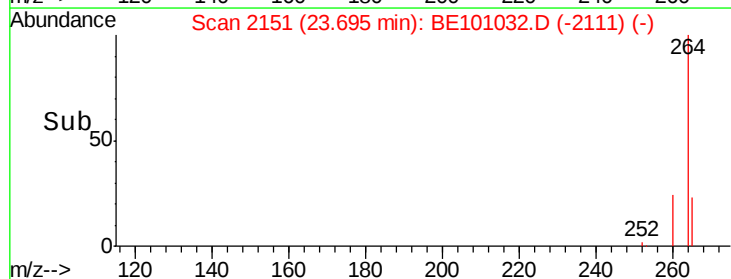
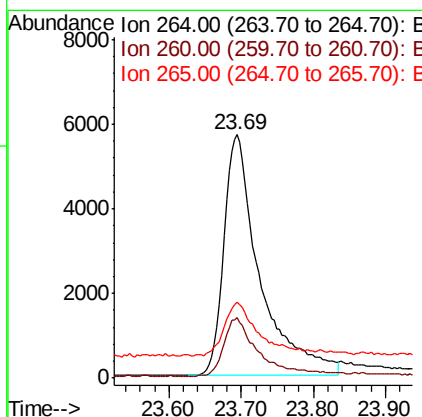
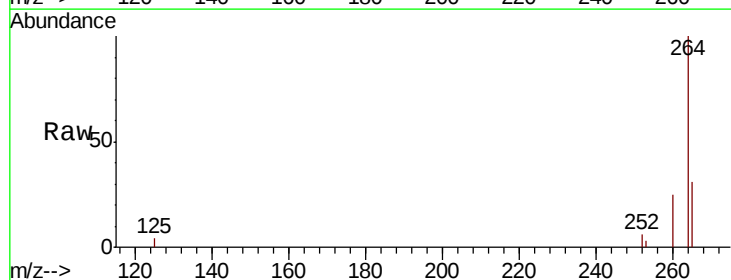
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

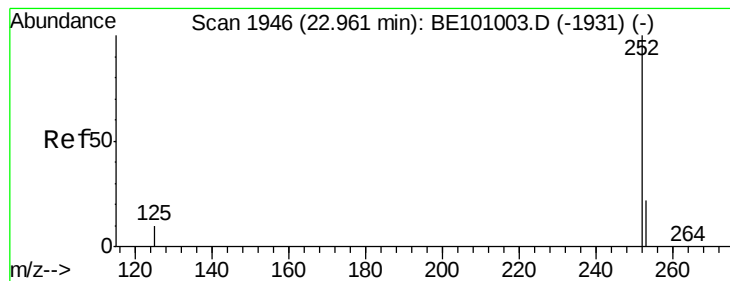
Tot Ion:276 Resp: 4247
 Ion Ratio Lower Upper
 276 100
 138 6.9 16.1 24.1#
 277 20.9 18.1 27.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.69 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BE101032.D
 Acq: 10 Jan 2020 20:41

Tgt Ion:264 Resp: 19559
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.3 30.5
 265 31.2 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 0.062 ng

RT: 22.96 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

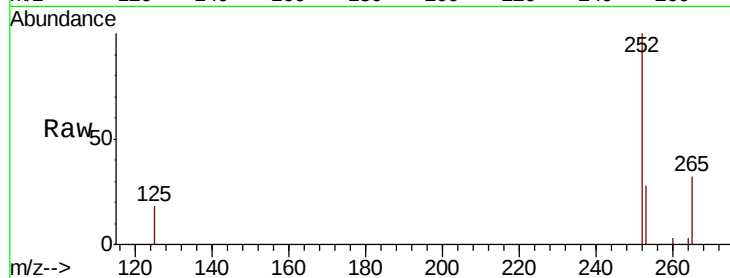
Tot Ion:252 Resp: 3414

Ion Ratio Lower Upper

252 100

253 28.1 18.5 27.7#

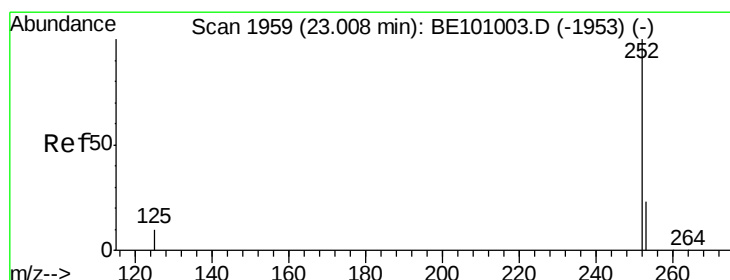
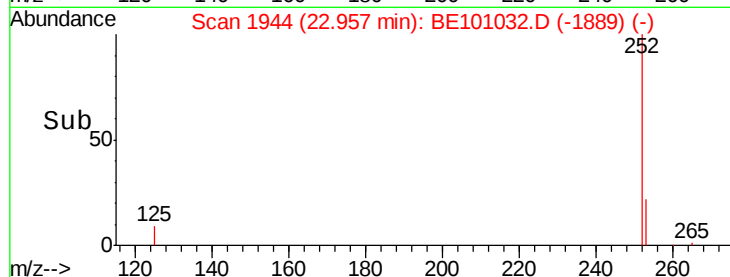
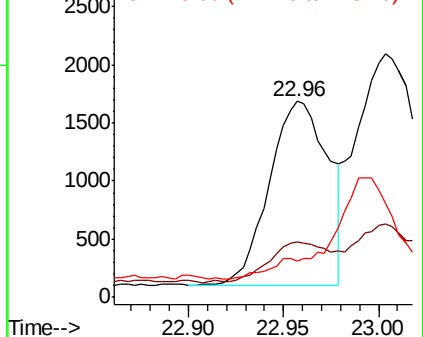
125 18.5 9.5 14.3#



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: 0.072 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

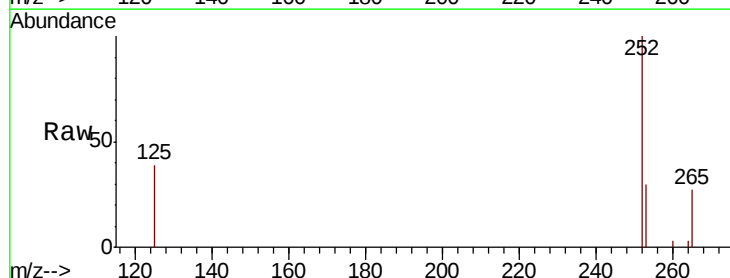
Tgt Ion:252 Resp: 5756

Ion Ratio Lower Upper

252 100

253 30.3 18.9 28.3#

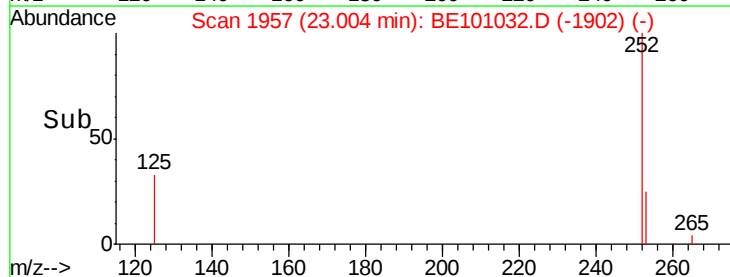
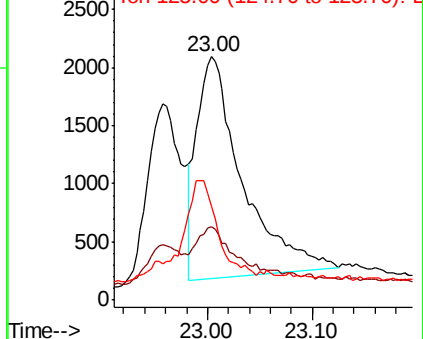
125 38.7 10.1 15.1#



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: 0.068 ng/mL

RT: 23.59 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019

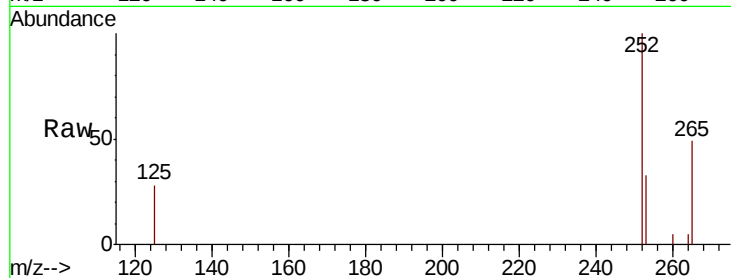
Tot Ion: 252 Resp: 3626

Ion Ratio Lower Upper

252 100

253 33.4 19.4 29.2#

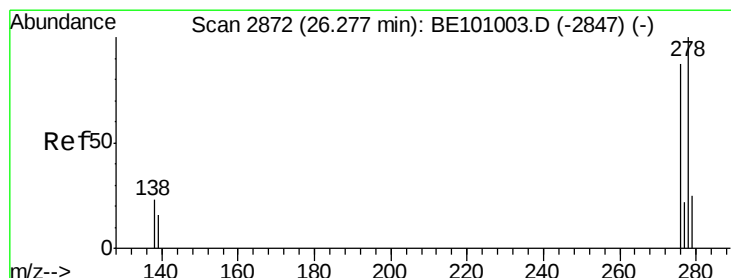
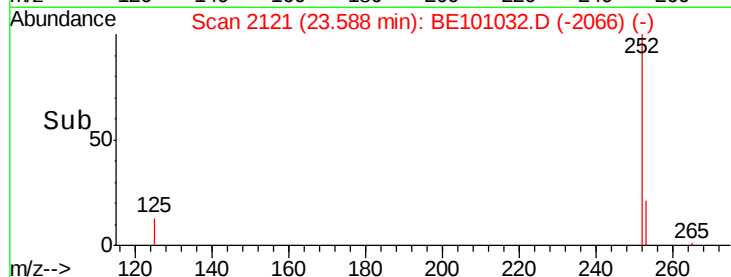
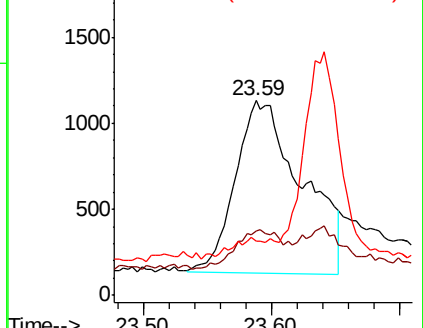
125 28.0 11.8 17.6#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.054 ng/mL

RT: 26.28 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BE101032.D

Acq: 10 Jan 2020 20:41

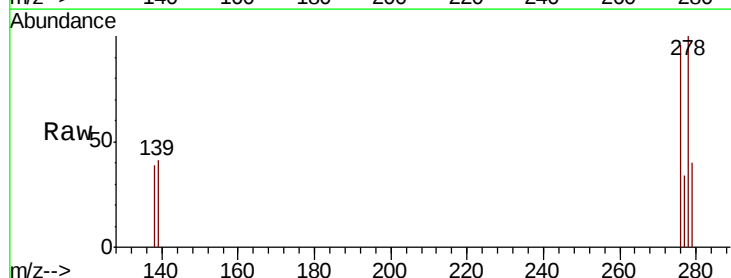
Tgt Ion: 278 Resp: 2629

Ion Ratio Lower Upper

278 100

139 41.2 15.0 22.4#

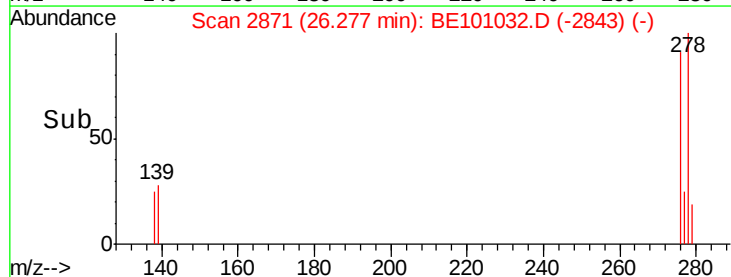
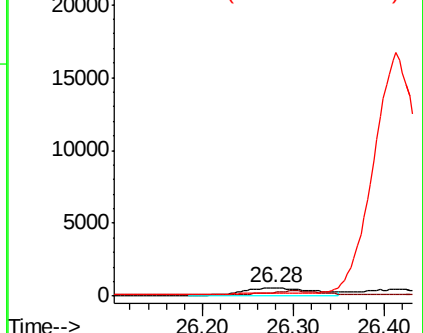
279 40.1 22.6 33.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.083 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BE101032.D

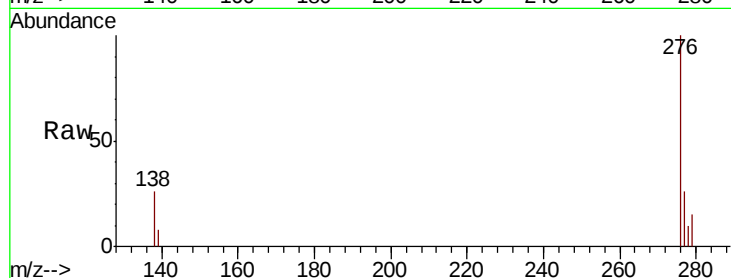
Acq: 10 Jan 2020 20:41

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT3-2019



Tot Ion: 276 Resp: 4999

Ion Ratio Lower Upper

276 100

277 26.3 19.4 29.2

138 26.4 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

