

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070516\
 Data File : BE091977.D
 Acq On : 6 Jul 2016 00:55
 Operator : UM/SJ
 Sample : H3606-05
 Misc : LOD0.5
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jul 06 05:54:52 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 16:14:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	24038	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	108633	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	79111	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	173041	5.00	ng	0.00
31) Chrysene-d12	21.76	240	317607	5.00	ng	0.00
40) Perylene-d12	24.17	264	242054	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.72	112	36869	6.41	ng	0.00
5) Phenol-d6	7.35	99	48875	6.12	ng	-0.02
9) Nitrobenzene-d5	9.37	82	27340	3.70	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	13992	4.99	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	71170	3.69	ng	0.00
34) Terphenyl-d14	20.22	244	120220	3.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	312	0.10	ng	# 84
3) n-Nitrosodimethylamine	3.85	42	194	0.08	ng	# 84
6) bis(2-Chloroethyl)ether	7.63	93	417	0.06	ng	91
7) n-Nitroso-di-n-propylamine	9.02	70	400	0.06	ng	# 96
10) Nitrobenzene	9.40	77	659	0.08	ng	# 86
11) bis(2-Chloroethoxy)methane	10.50	93	584	0.06	ng	# 15
12) Naphthalene	11.04	128	1948	0.08	ng	# 91
13) Hexachlorobutadiene	11.34	225	287	0.07	ng	95
14) 2-Methylnaphthalene	12.69	142	1194	0.07	ng	96
18) Acenaphthylene	14.56	152	6234	0.06	ng	# 61
19) 2,6-Dinitrotoluene	14.46	165	677	0.16	ng	# 10
20) Acenaphthene	14.92	154	1829	0.08	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	4032	0.37	ng	# 85
22) Fluorene	15.91	166	1649	0.07	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	831	0.07	ng	98
25) 4-Bromophenyl-phenylether	16.80	248	520	0.07	ng	99
26) Hexachlorobenzene	16.90	284	554	0.07	ng	97
28) Phenanthrene	17.64	178	3607	0.08	ng	97
29) Anthracene	17.73	178	2870	0.07	ng	99
30) Fluoranthene	19.65	202	14269	0.07	ng	# 87
32) Benzidine	19.86	184	568	0.24	ng	# 43
33) Pyrene	20.02	202	14765	0.06	ng	# 80
35) Benzo(a)anthracene	21.79	228	10825	0.20	ng	# 90
36) 3,3'-Dichlorobenzidine	21.70	252	708	Below Cal		# 91
37) Chrysene	21.79	228	10980	0.15	ng	99
38) Bis(2-ethylhexyl)phthalate	21.64	149	3306	0.05	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.70	276	18474	0.06	ng	98
41) Benzo(b)fluoranthene	23.48	252	4354	0.07	ng	93
42) Benzo(k)fluoranthene	23.48	252	4456	0.07	ng	# 95
43) Benzo(a)pyrene	24.06	252	4273	0.07	ng	# 94
44) Dibenzo(a,h)anthracene	26.74	278	3715	0.06	ng	# 89
45) Benzo(g,h,i)perylene	27.48	276	16592	0.07	ng	94

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QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

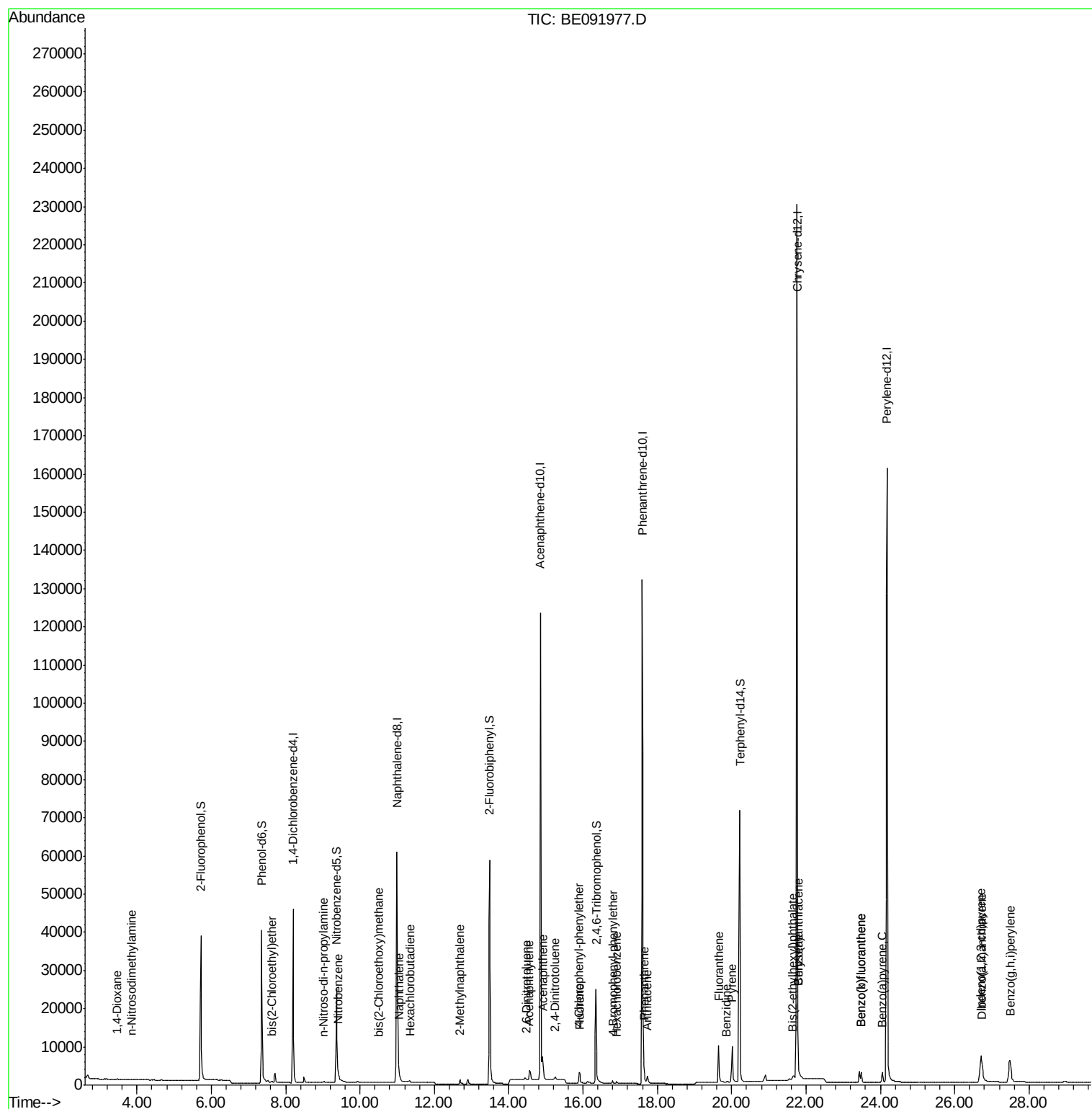
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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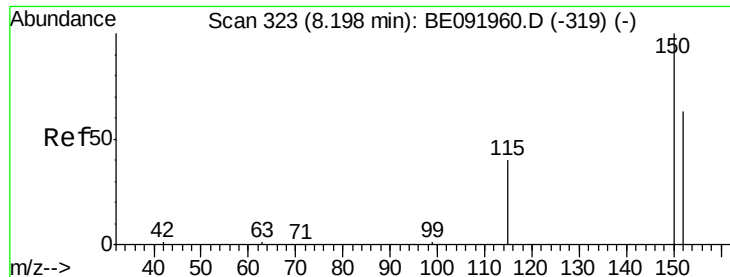
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. 0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

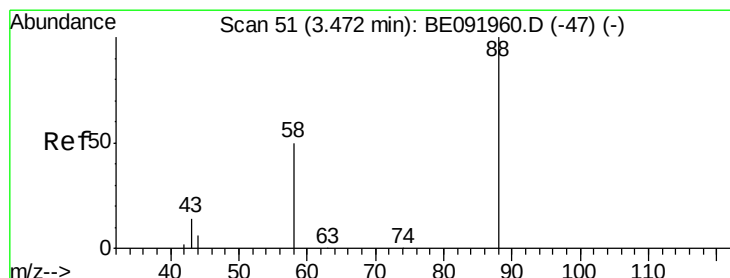
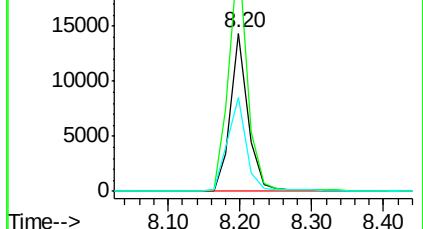
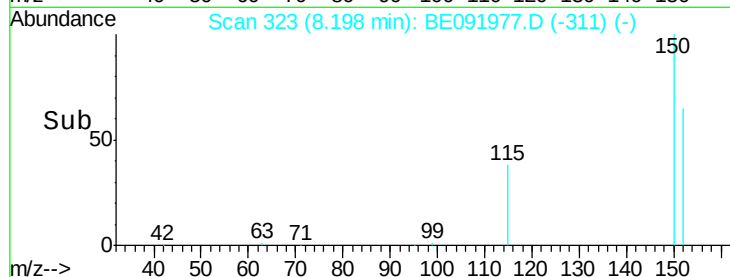
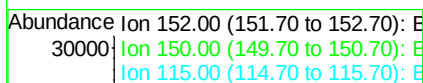
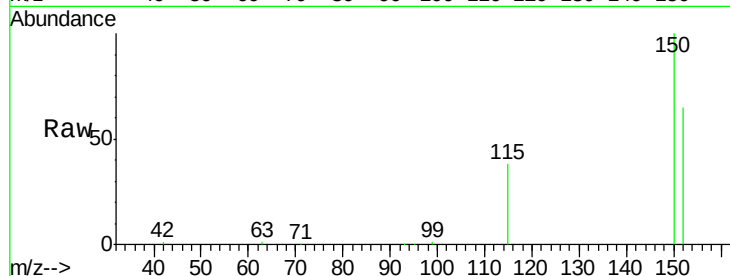
Tgt Ion: 152 Resp: 24038

Ion Ratio Lower Upper

152 100

150 154.2 123.9 185.9

115 59.3 48.3 72.5



#2

1,4-Dioxane

Concen: 0.10 ng

RT: 3.47 min Scan# 51

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

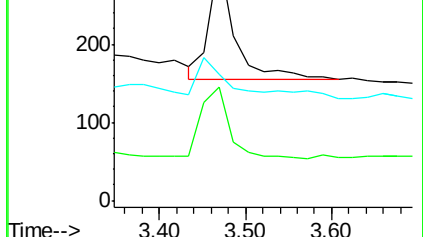
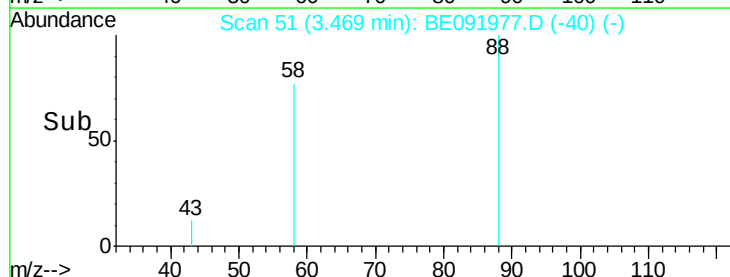
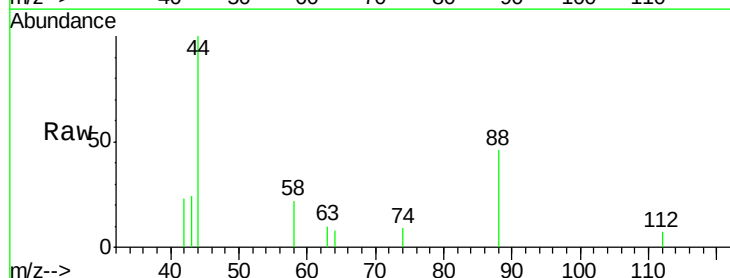
Tgt Ion: 88 Resp: 312

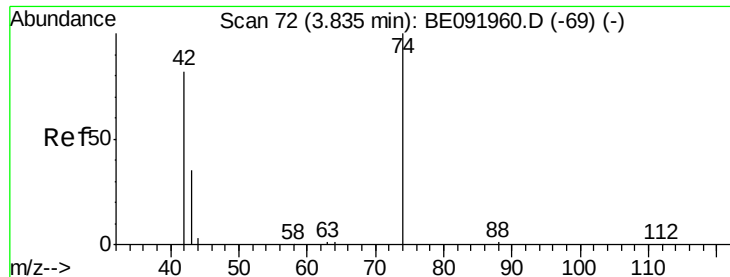
Ion Ratio Lower Upper

88 100

58 66.0 63.0 94.4

43 24.7 29.1 43.7#





#3

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.85 min Scan# 73

Delta R.T. 0.02 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

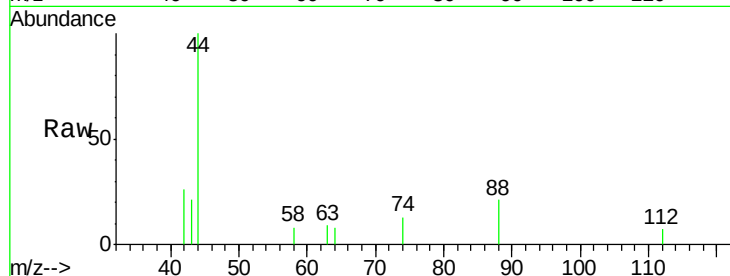
Tgt Ion: 42 Resp: 194

Ion Ratio Lower Upper

42 100

74 102.1 93.4 140.0

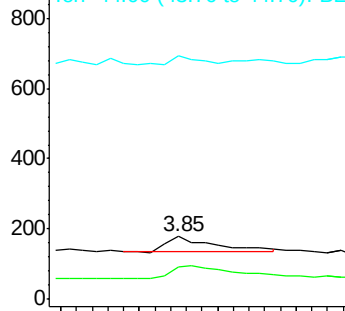
44 28.9 5.0 7.6#



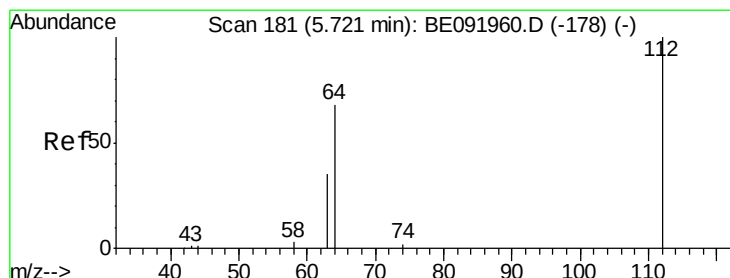
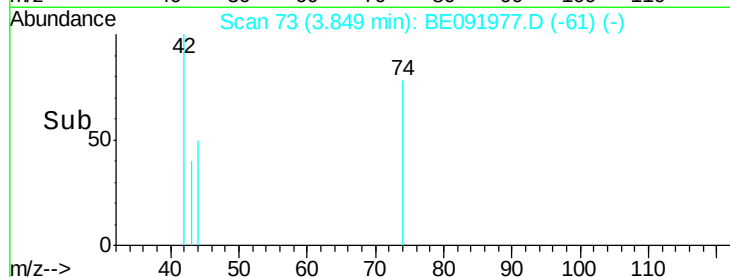
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time--> 3.70 3.80 3.90 4.00



#4

2-Fluorophenol

Concen: 6.41 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

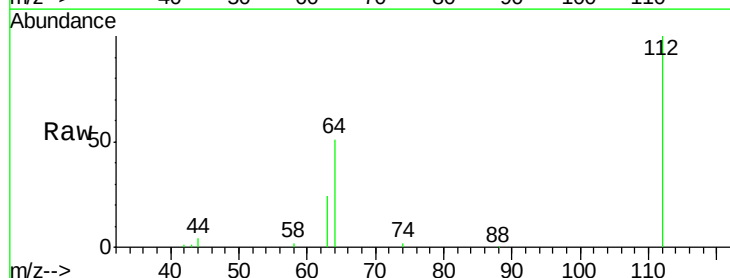
Tgt Ion: 112 Resp: 36869

Ion Ratio Lower Upper

112 100

64 66.9 53.7 80.5

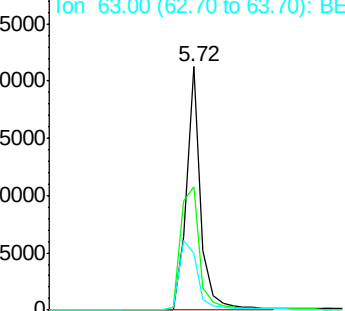
63 36.0 29.5 44.3



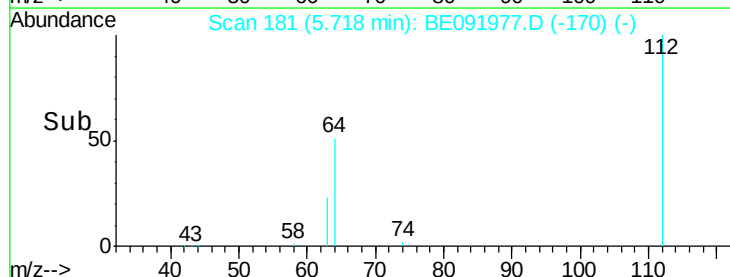
Abundance Ion 112.00 (111.70 to 112.70): BE0

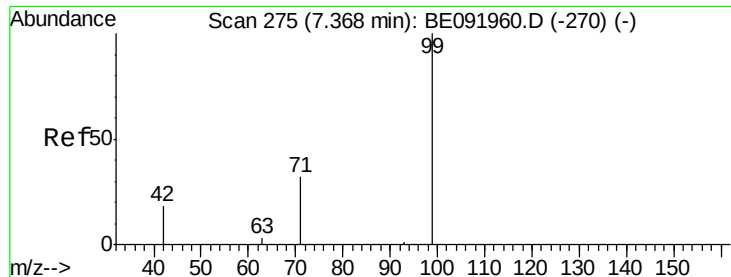
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.50 5.60 5.70 5.80 5.90





#5

Phenol-d6

Concen: 6.12 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

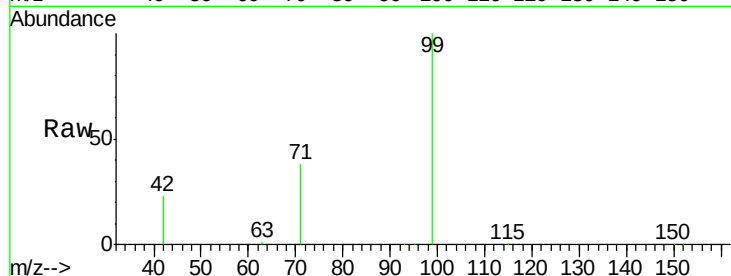
Tgt Ion: 99 Resp: 48875

Ion Ratio Lower Upper

99 100

42 24.5 19.6 29.4

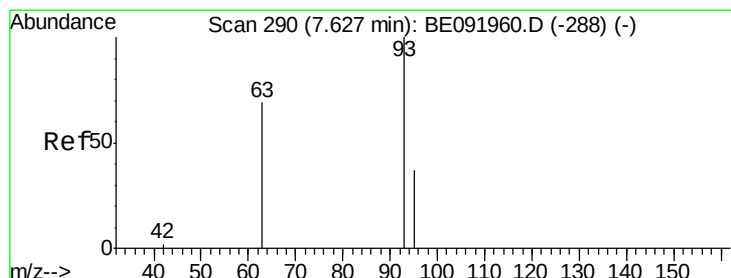
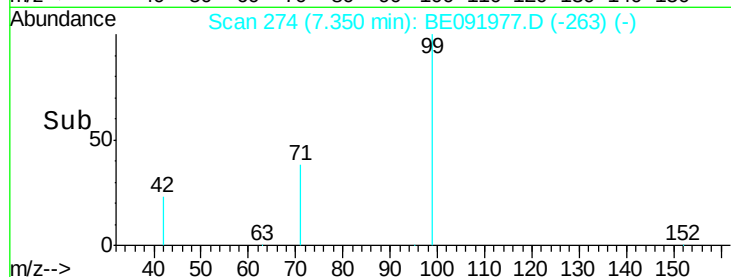
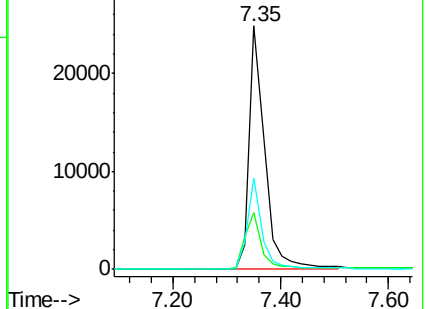
71 35.5 28.1 42.1



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: 0.06 ng

RT: 7.63 min Scan# 290

Delta R.T. 0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

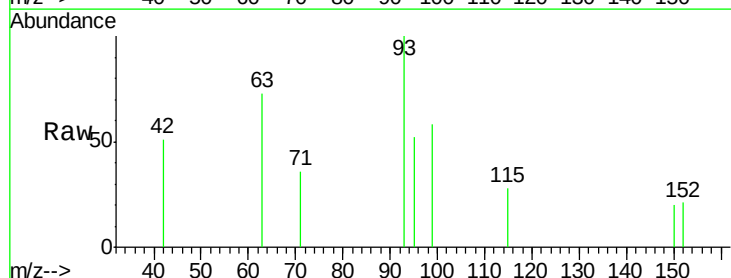
Tgt Ion: 93 Resp: 417

Ion Ratio Lower Upper

93 100

63 92.3 66.2 99.4

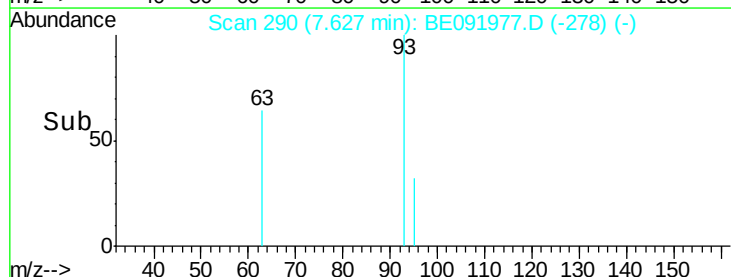
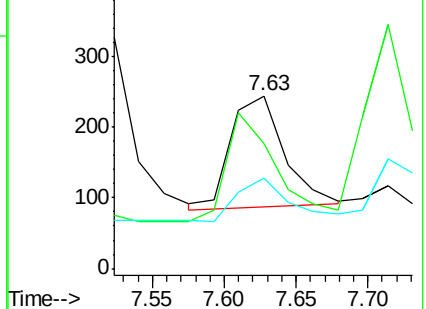
95 35.0 25.5 38.3

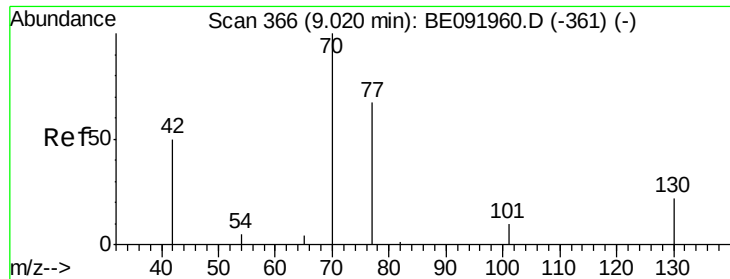


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.06 ng

RT: 9.02 min Scan# 366

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

Tgt Ion: 70 Resp: 400

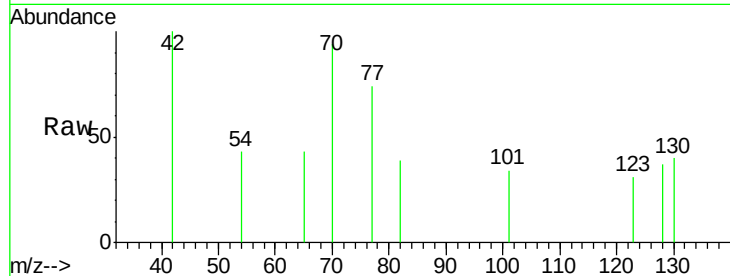
Ion Ratio Lower Upper

70 100

42 77.0 58.4 87.6

101 8.3 6.4 9.6

130 15.5 0.0 0.0#

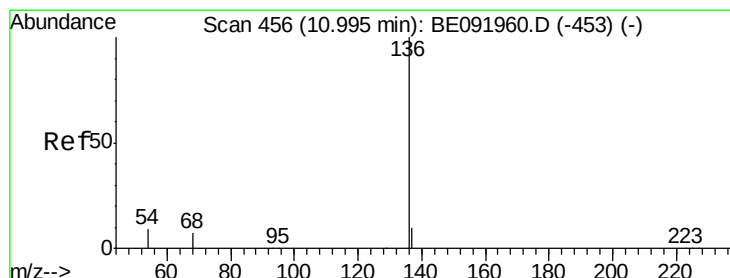
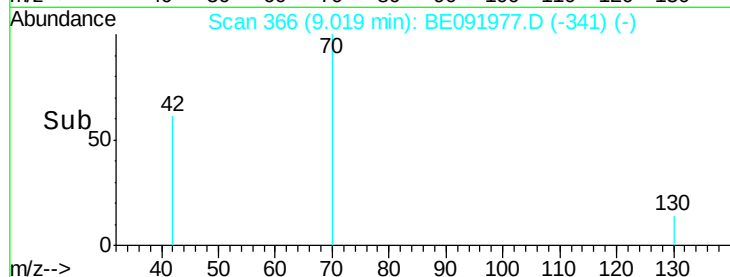
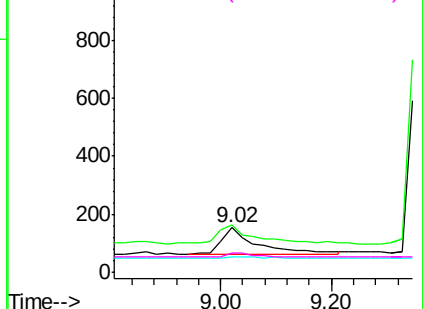


Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Tgt Ion: 136 Resp: 108633

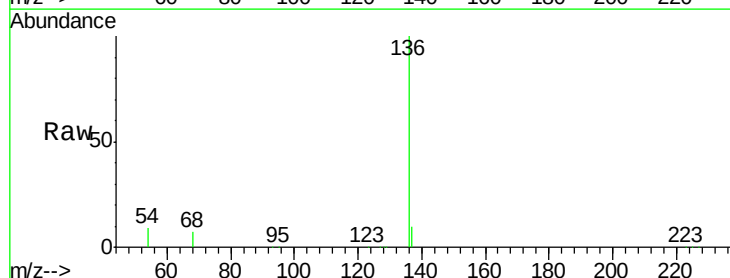
Ion Ratio Lower Upper

136 100

137 10.3 8.3 12.5

54 8.7 8.2 12.4

68 6.5 5.9 8.9

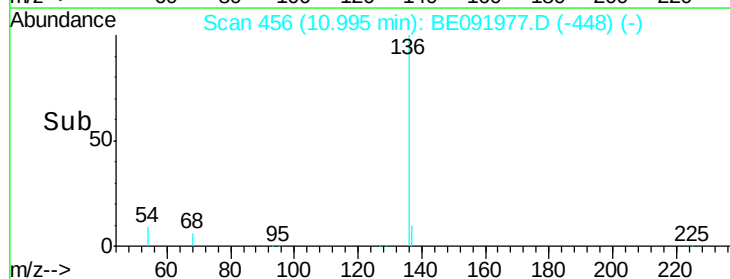
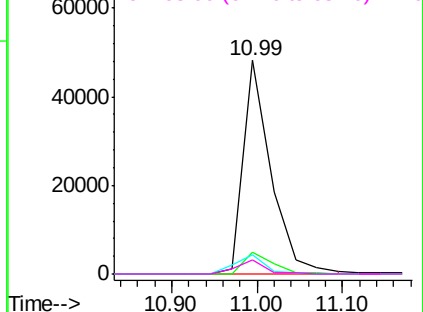


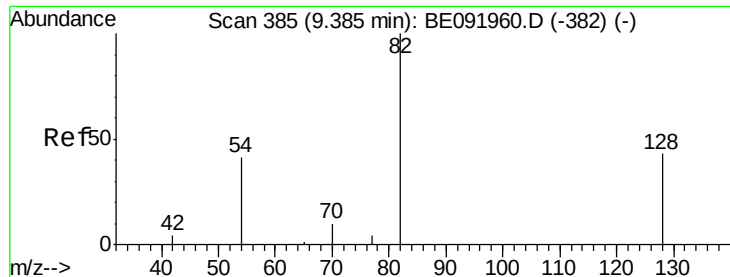
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#9

Nitrobenzene-d5

Concen: 3.70 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

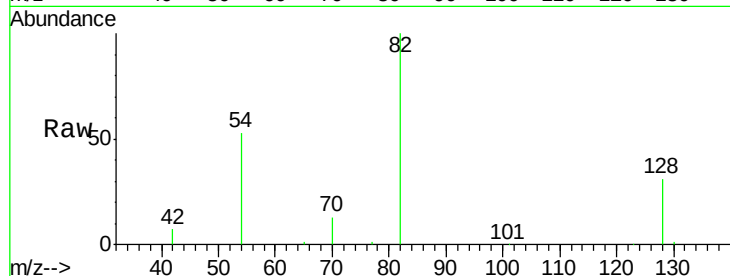
Tgt Ion: 82 Resp: 27340

Ion Ratio Lower Upper

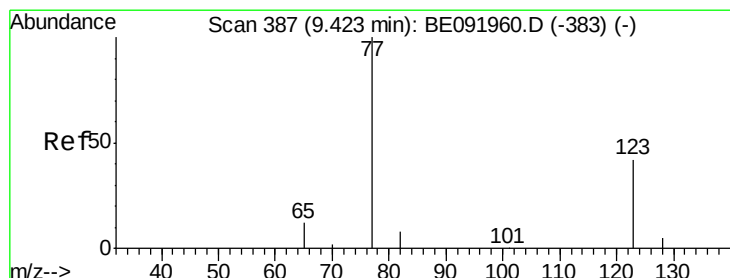
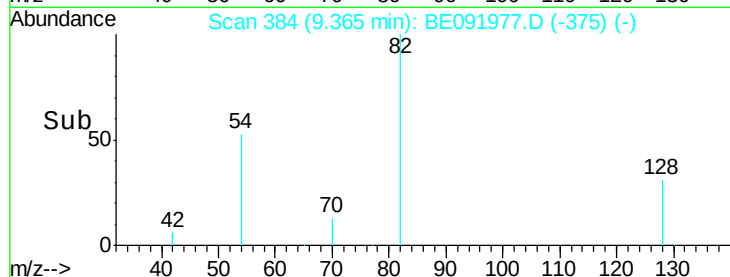
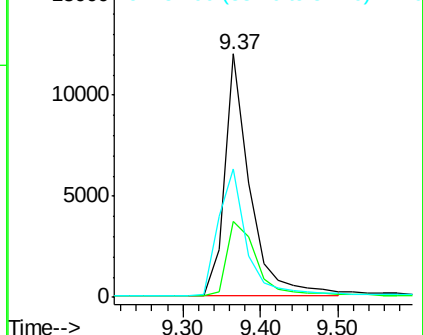
82 100

128 31.4 39.5 59.3#

54 53.0 30.3 45.5#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 0.08 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

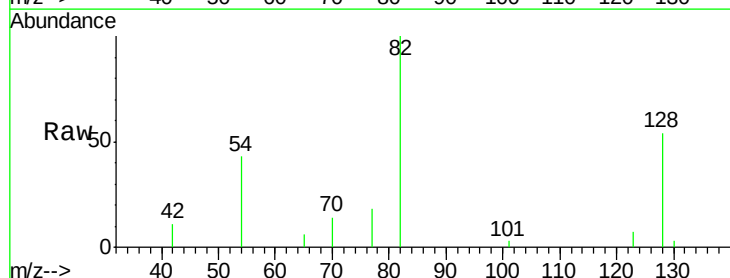
Tgt Ion: 77 Resp: 659

Ion Ratio Lower Upper

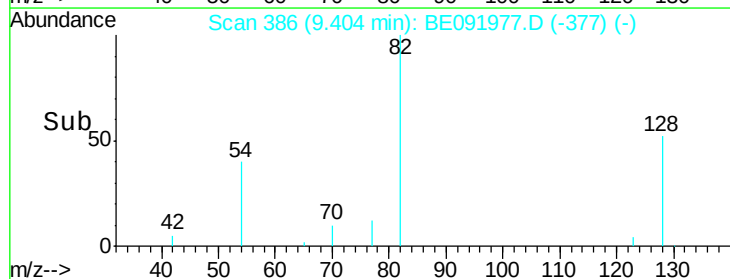
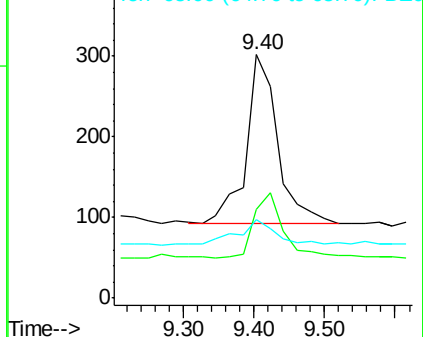
77 100

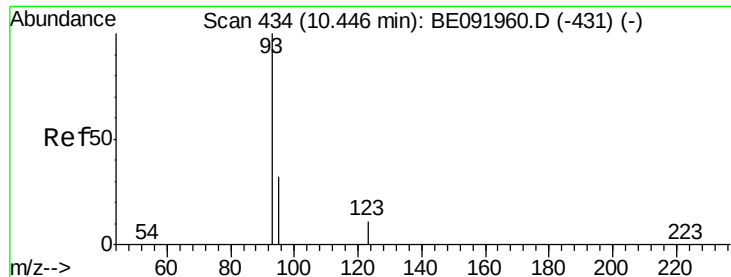
123 35.5 0.0 0.0#

65 19.4 11.1 16.7#



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0

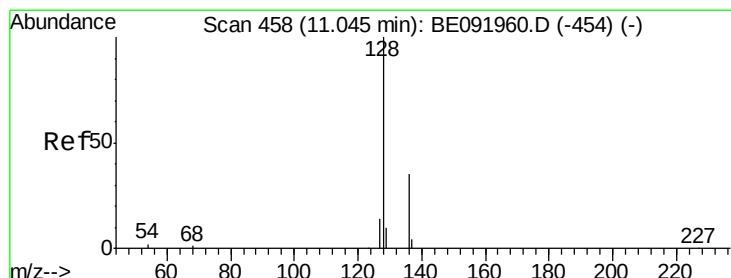
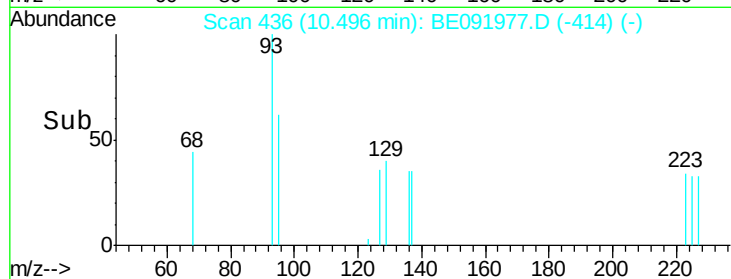
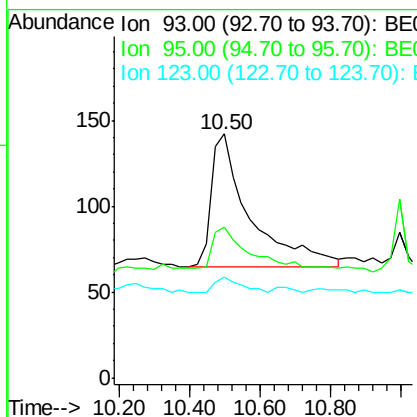
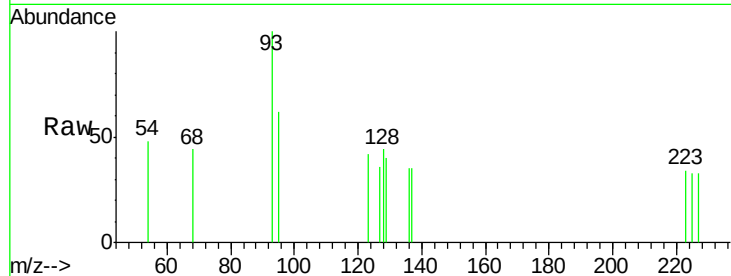




#11
bis(2-Chloroethoxy)methane
Concen: 0.06 ng
RT: 10.50 min Scan# 436
Delta R.T. 0.05 min
Lab File: BE091977.D
Acq: 6 Jul 2016 00:55

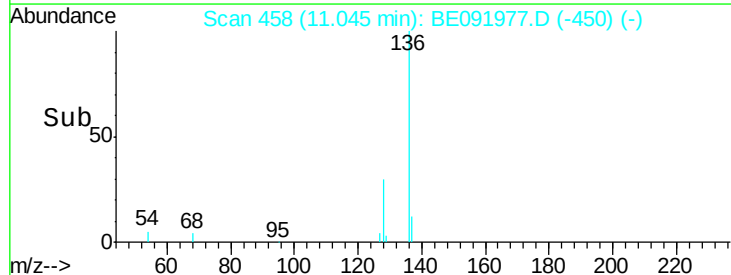
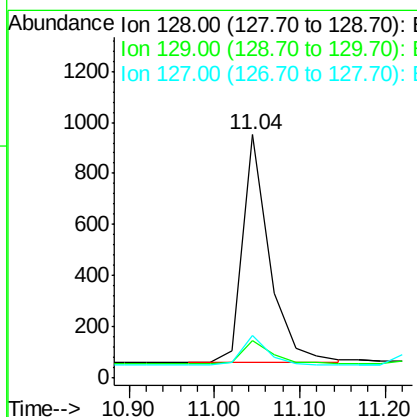
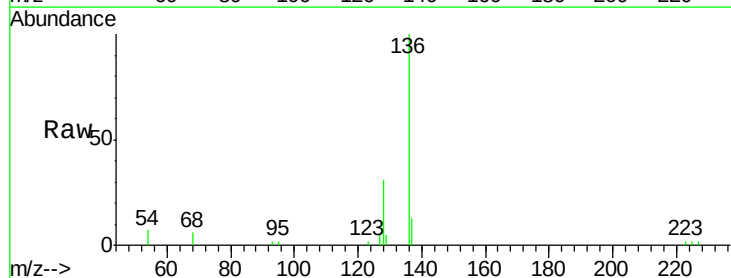
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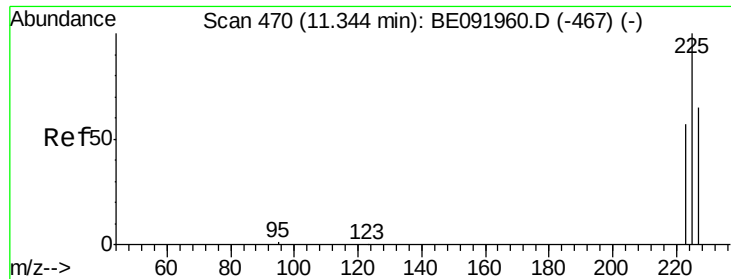
Tgt Ion: 93 Resp: 584
Ion Ratio Lower Upper
93 100
95 28.3 57.6 86.4#
123 7.4 100.2 150.4#



#12
Naphthalene
Concen: 0.08 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091977.D
Acq: 6 Jul 2016 00:55

Tgt Ion: 128 Resp: 1948
Ion Ratio Lower Upper
128 100
129 15.4 10.4 15.6
127 17.5 10.2 15.2#

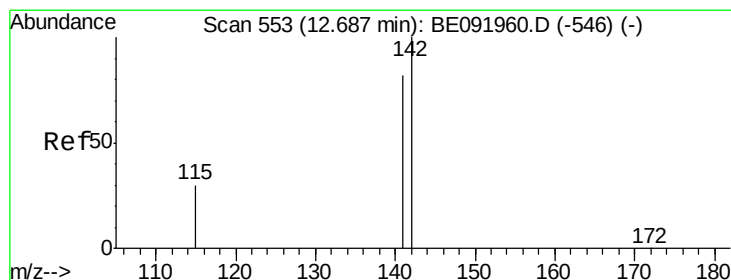
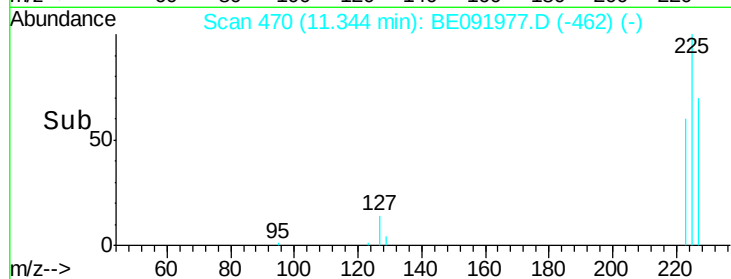
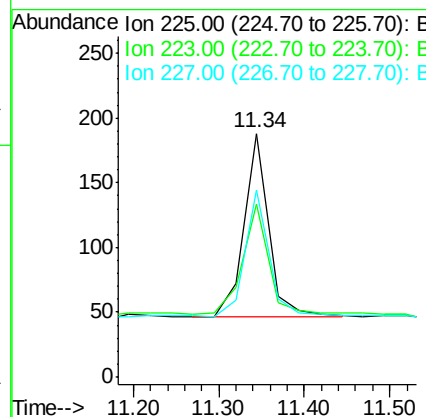
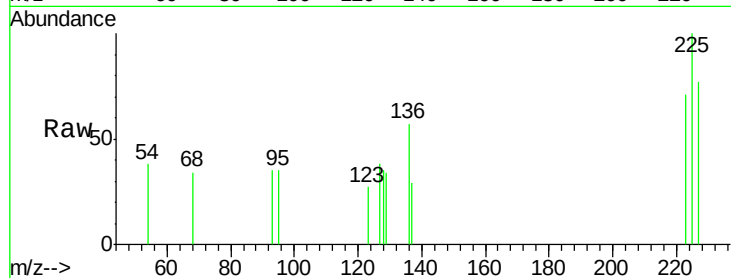




#13
Hexachlorobutadiene
Concen: 0.07 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091977.D
Acq: 6 Jul 2016 00:55

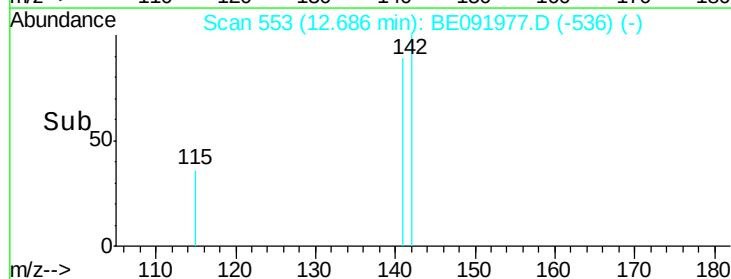
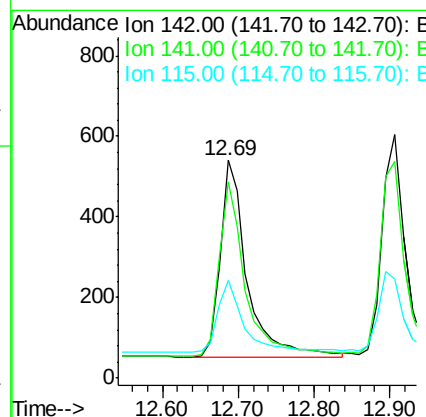
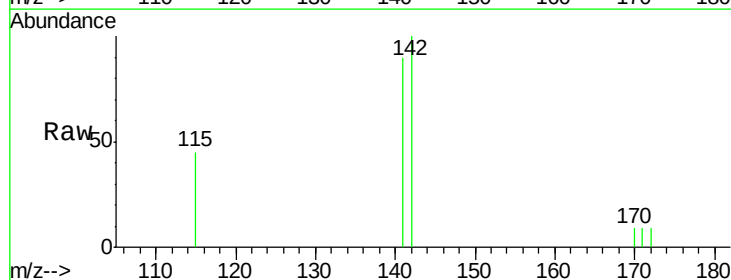
Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-01

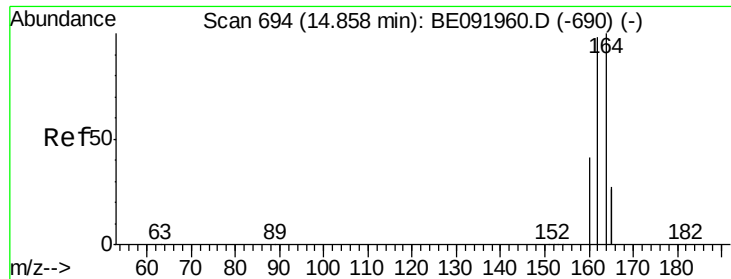
Tgt Ion: 225 Resp: 287
Ion Ratio Lower Upper
225 100
223 62.7 49.8 74.8
227 70.0 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.69 min Scan# 553
Delta R.T. -0.00 min
Lab File: BE091977.D
Acq: 6 Jul 2016 00:55

Tgt Ion: 142 Resp: 1194
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9
115 44.5 29.9 44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

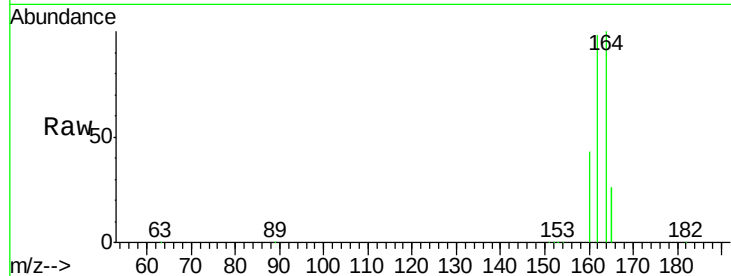
Tgt Ion:164 Resp: 79111

Ion Ratio Lower Upper

164 100

162 98.0 71.8 107.8

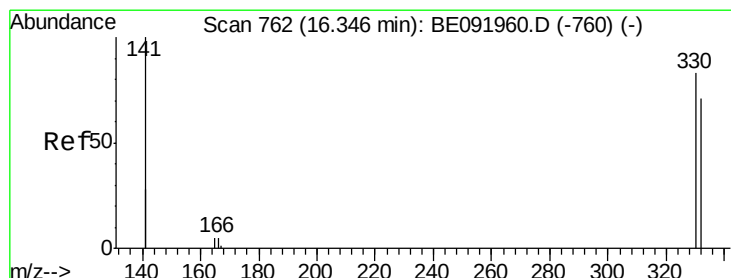
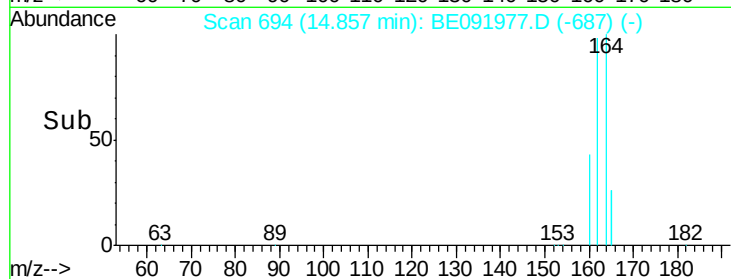
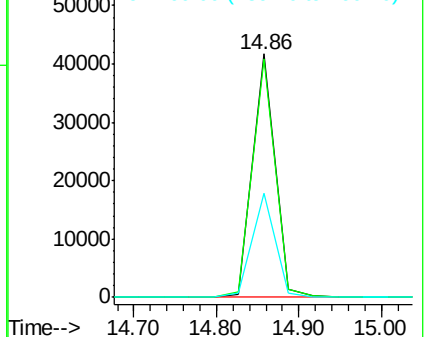
160 42.6 28.0 42.0#



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



#16

2,4,6-Tribromophenol

Concen: 4.99 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

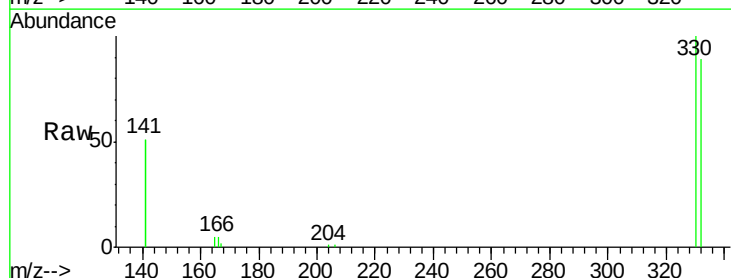
Tgt Ion:330 Resp: 13992

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

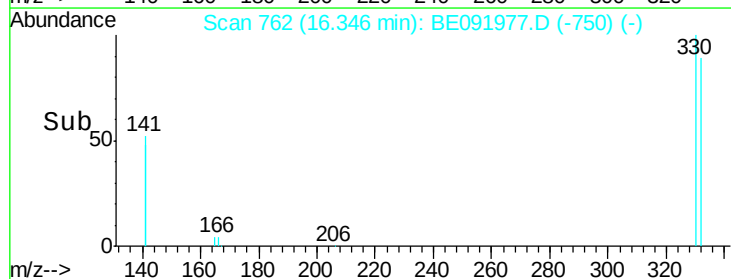
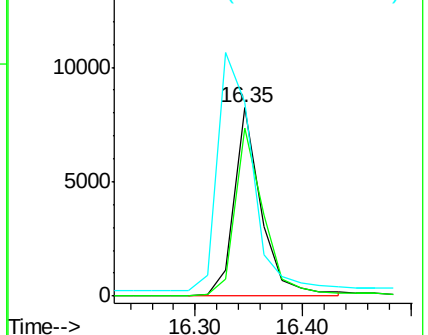
141 164.1 138.4 207.6

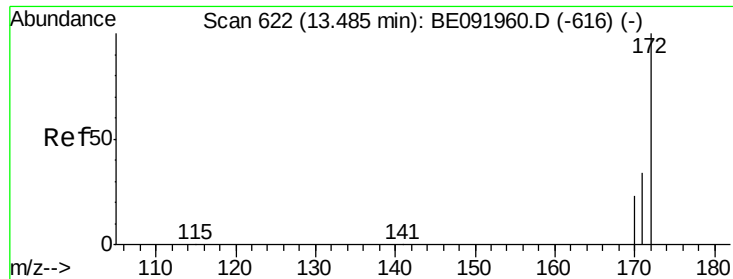


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

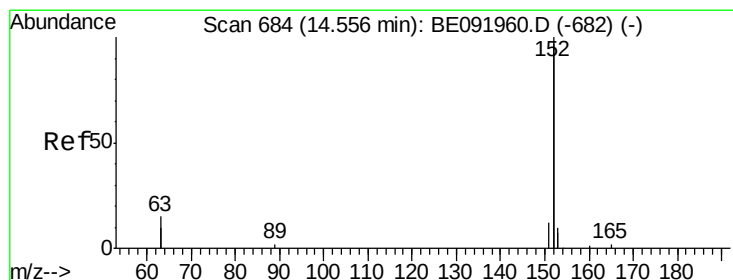
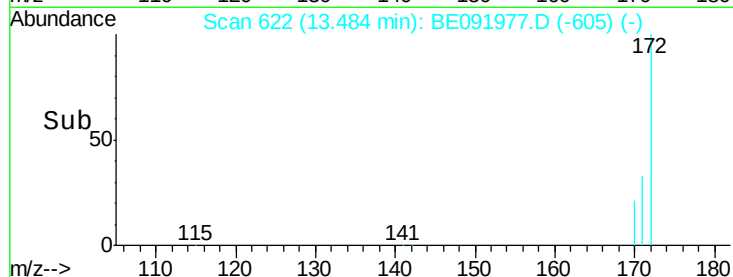
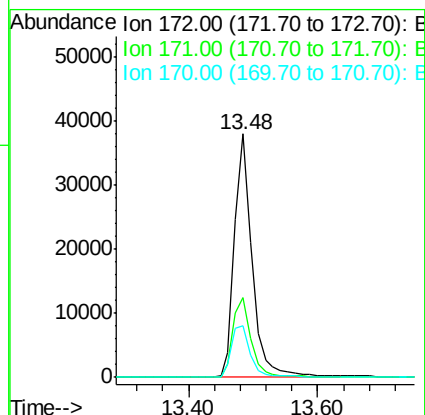
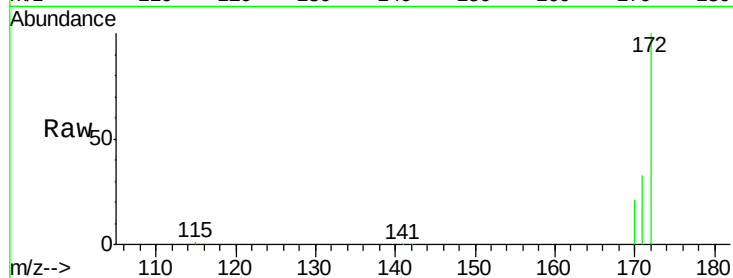




#17
2-Fluorobiphenyl
Concen: 3.69 ng
RT: 13.48 min Scan# 622
Delta R.T. -0.00 min
Lab File: BE091977.D
Acq: 6 Jul 2016 00:55

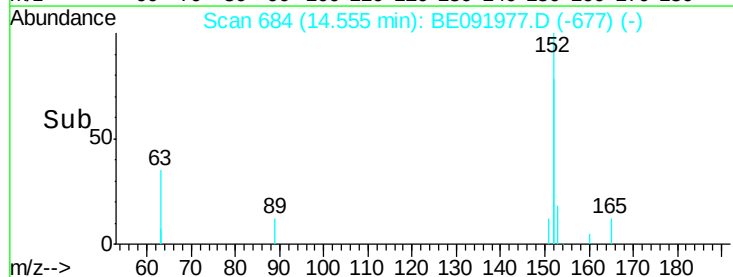
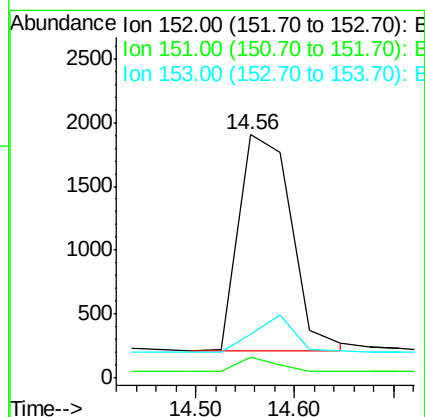
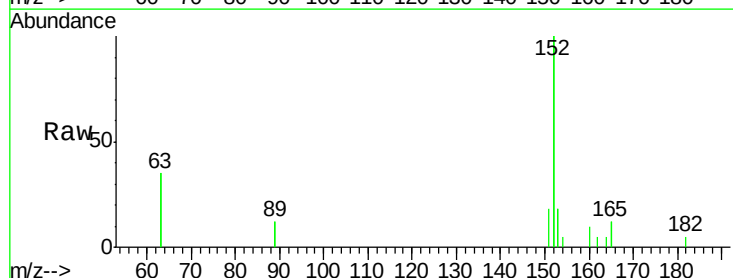
Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-01

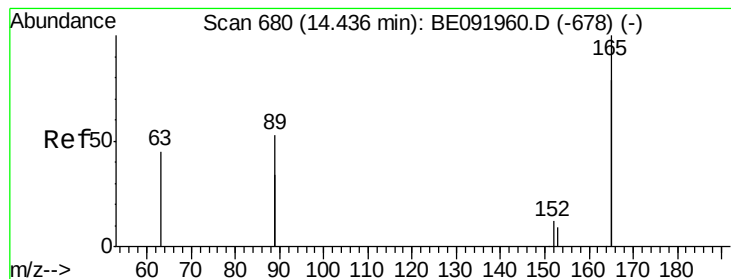
Tgt Ion:172 Resp: 71170
Ion Ratio Lower Upper
172 100
171 32.9 24.3 36.5
170 21.4 14.9 22.3



#18
Acenaphthylene
Concen: 0.06 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091977.D
Acq: 6 Jul 2016 00:55

Tgt Ion:152 Resp: 6234
Ion Ratio Lower Upper
152 100
151 5.6 19.4 29.2#
153 0.0 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 0.16 ng

RT: 14.46 min Scan# 681

Delta R.T. 0.03 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

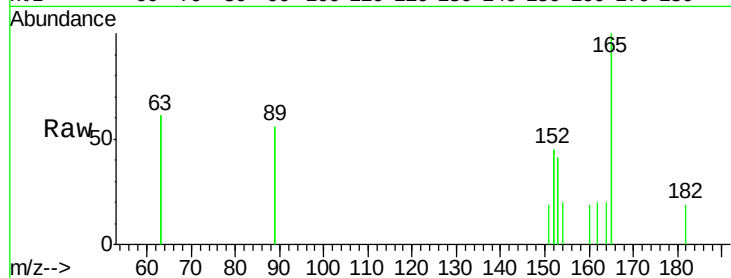
Tgt Ion:165 Resp: 677

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

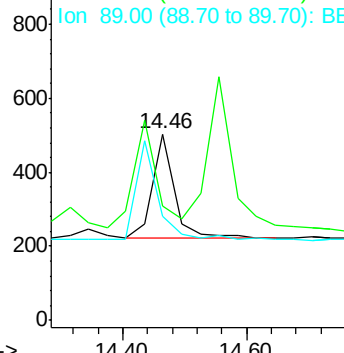
89 0.0 59.1 88.7#



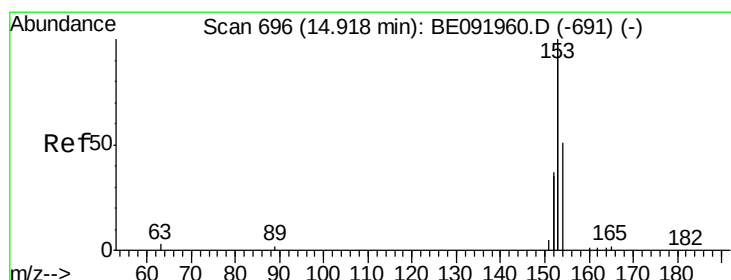
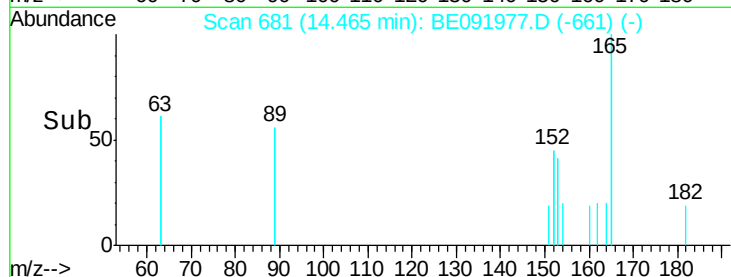
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



Time-->



#20

Acenaphthene

Concen: 0.08 ng

RT: 14.92 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

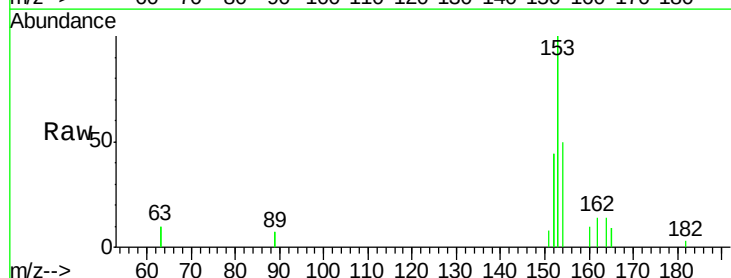
Tgt Ion:154 Resp: 1829

Ion Ratio Lower Upper

154 100

153 355.1 88.1 132.1#

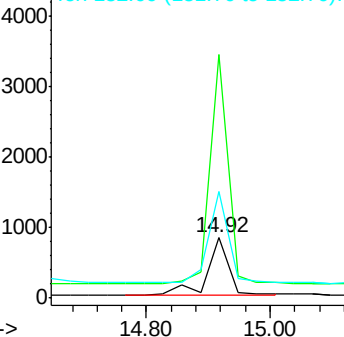
152 157.3 44.2 66.2#



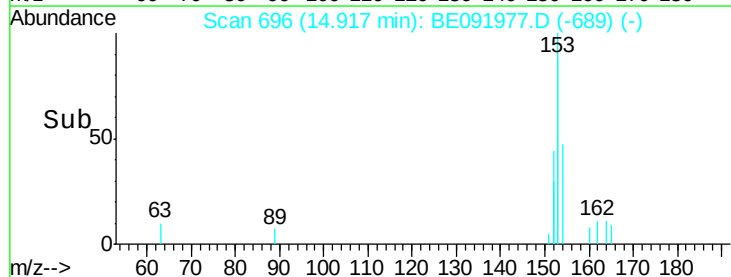
Abundance Ion 154.00 (153.70 to 154.70): E

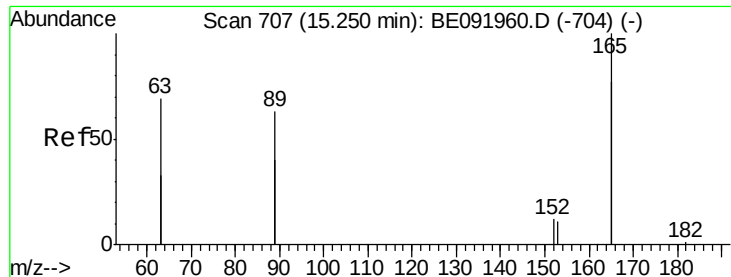
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





#21

2,4-Dinitrotoluene

Concen: 0.37 ng

RT: 15.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:165 Resp: 4032

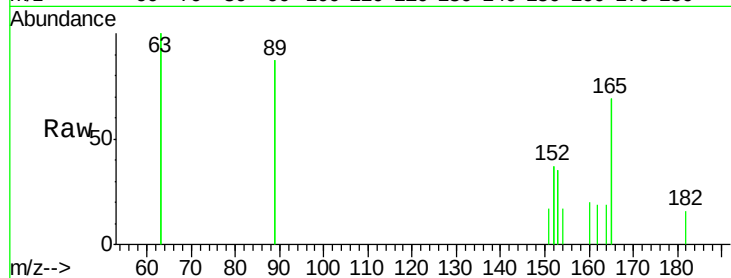
Ion Ratio Lower Upper

165 100

63 142.7 0.0 0.0#

89 141.9 99.8 149.8

182 0.0 0.0 0.0

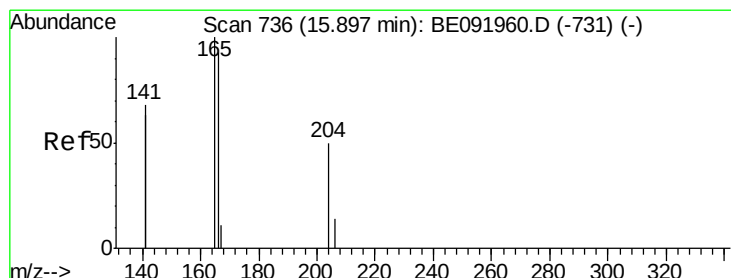
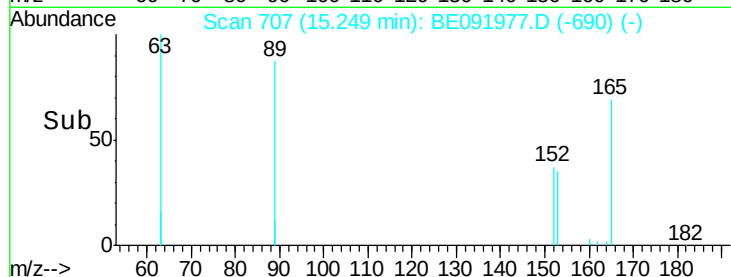
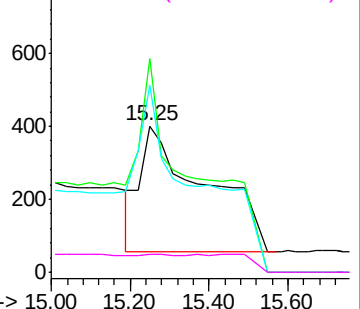


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E



#22

Fluorene

Concen: 0.07 ng

RT: 15.91 min Scan# 737

Delta R.T. 0.02 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

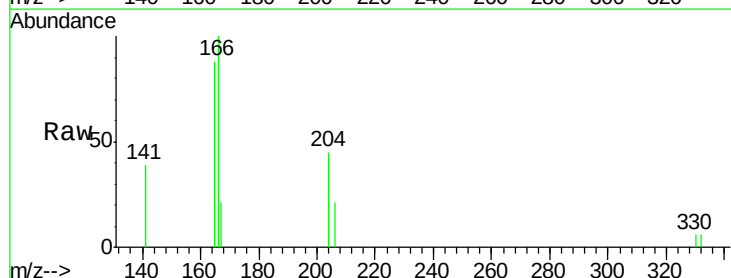
Tgt Ion:166 Resp: 1649

Ion Ratio Lower Upper

166 100

165 97.5 78.6 117.8

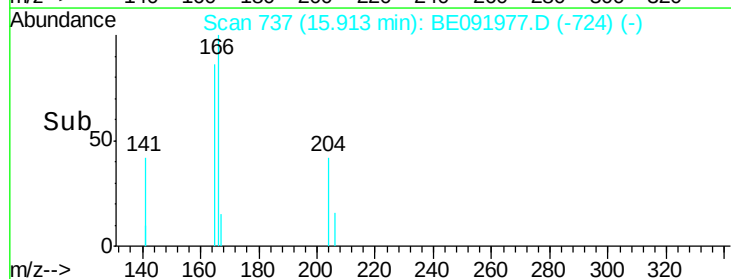
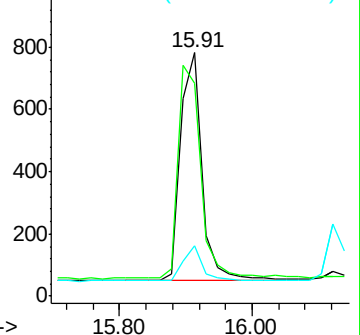
167 14.0 10.8 16.2

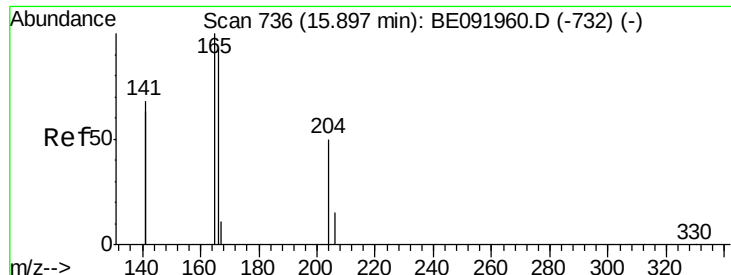


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

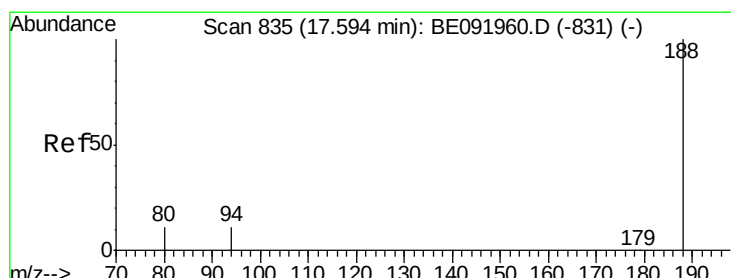
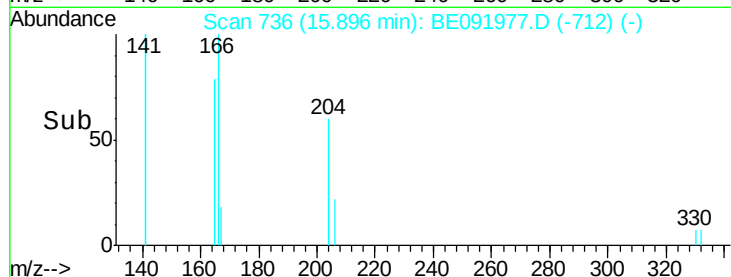
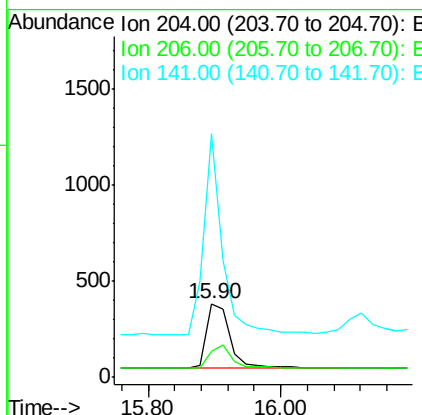
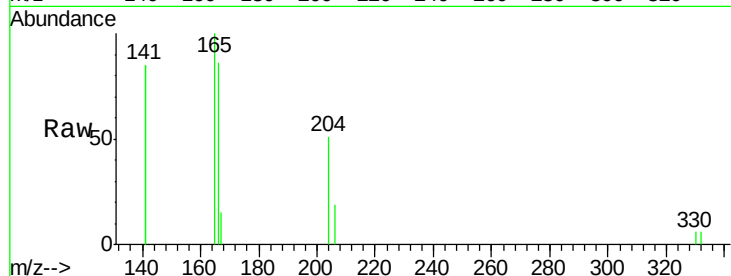




#23
 4-Chlorophenyl-phenylether
 Concen: 0.07 ng
 RT: 15.90 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BE091977.D
 Acq: 6 Jul 2016 00:55

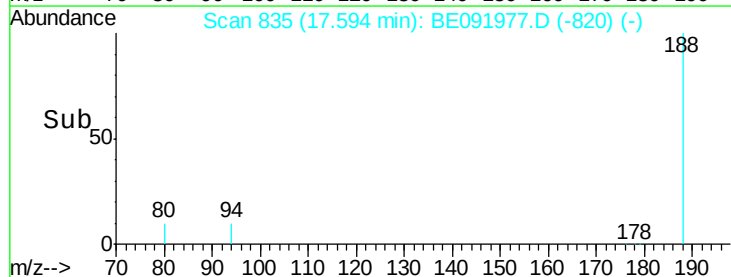
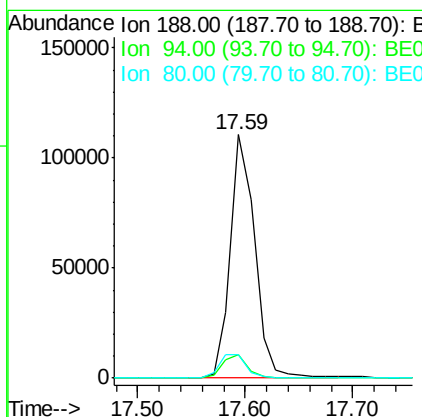
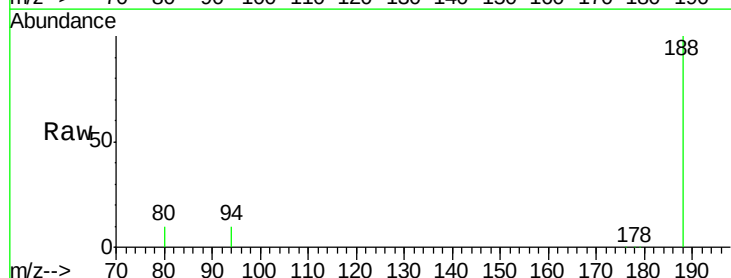
Instrument :
 BNA_E
 ClientSampleId :
 LOD-WATER2016-01

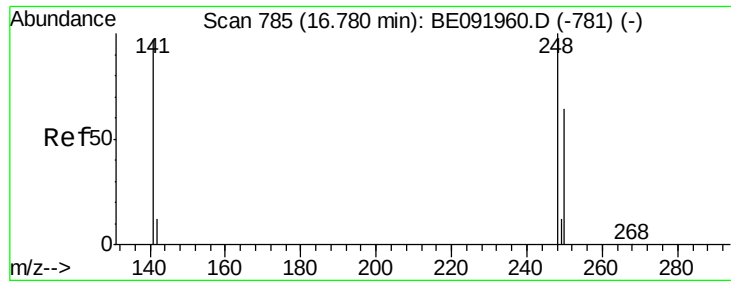
Tgt Ion: 204 Resp: 831
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.8 41.6
 141 243.2 197.6 296.4



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BE091977.D
 Acq: 6 Jul 2016 00:55

Tgt Ion: 188 Resp: 173041
 Ion Ratio Lower Upper
 188 100
 94 9.8 4.1 6.1#
 80 9.5 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 0.07 ng

RT: 16.80 min Scan# 786

Delta R.T. 0.02 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

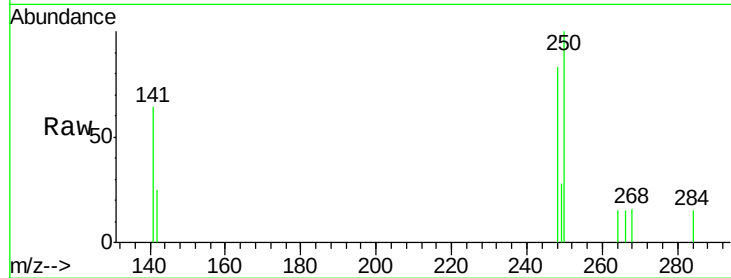
Tgt Ion:248 Resp: 520

Ion Ratio Lower Upper

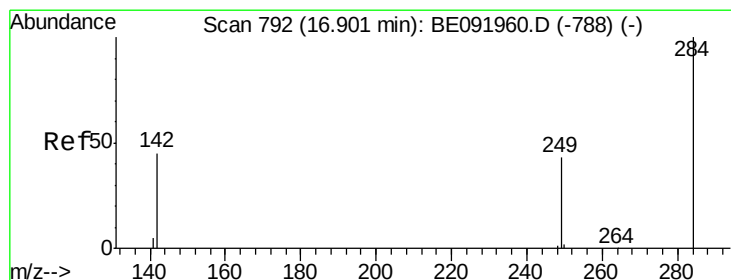
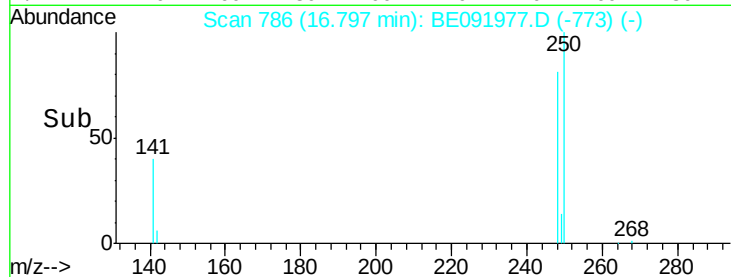
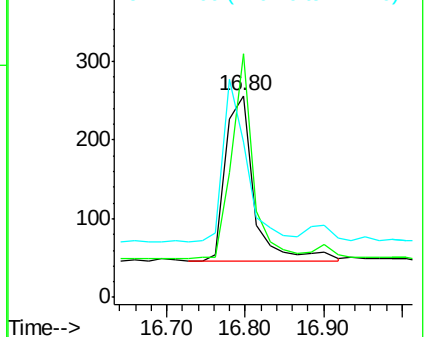
248 100

250 95.2 75.7 113.5

141 81.3 64.6 97.0



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



#26

Hexachlorobenzene

Concen: 0.07 ng

RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

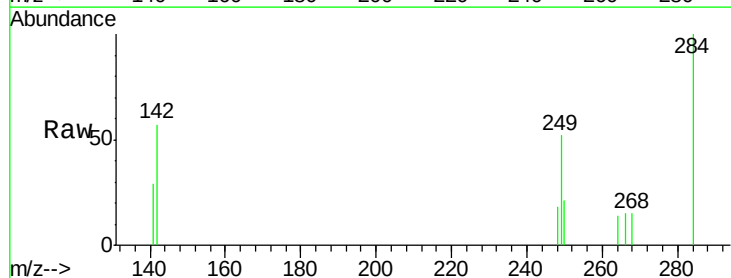
Tgt Ion:284 Resp: 554

Ion Ratio Lower Upper

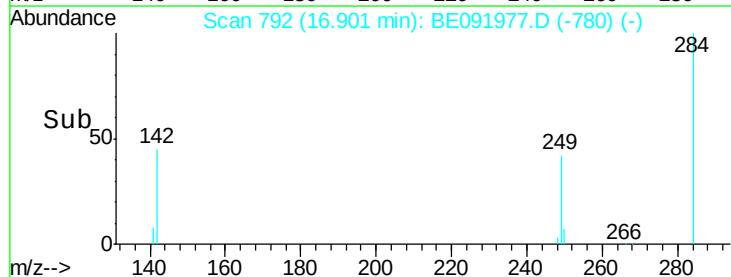
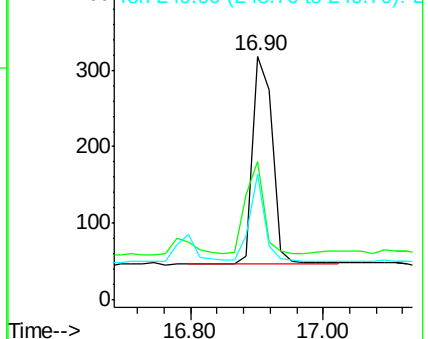
284 100

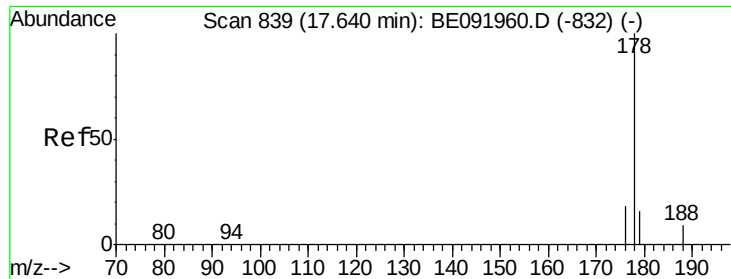
142 41.2 31.4 47.2

249 33.0 25.3 37.9



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

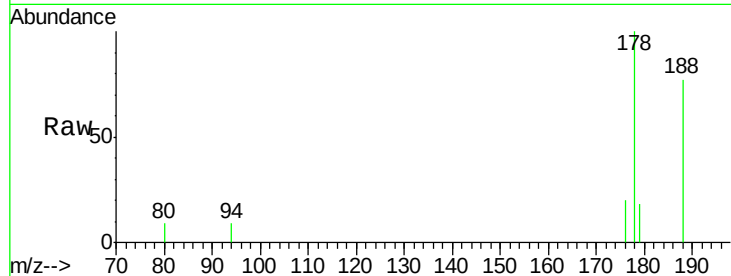




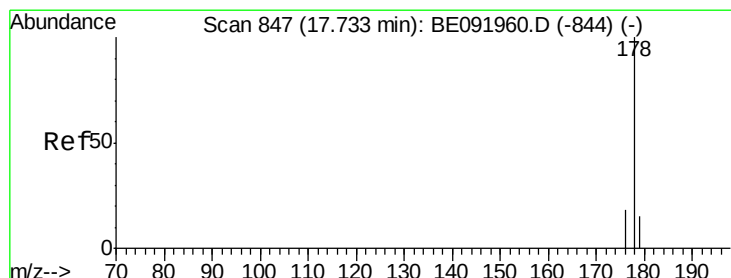
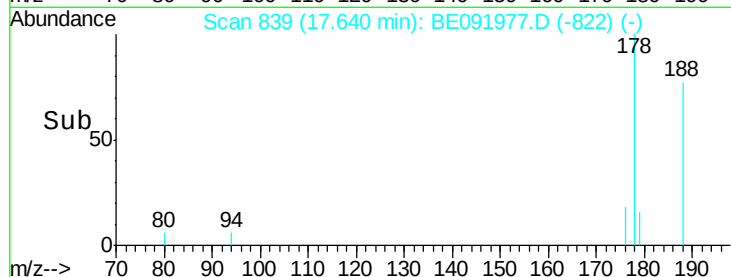
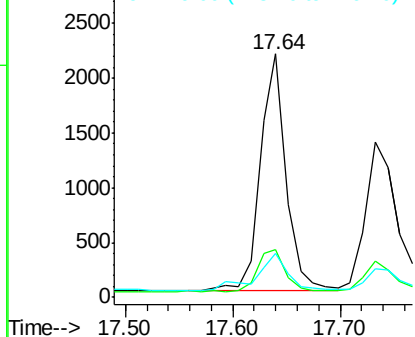
#28
Phenanthrene
Concen: 0.08 ng
RT: 17.64 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE091977.D
Acq: 6 Jul 2016 00:55

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:178 Resp: 3607
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 18.7 12.9 19.3

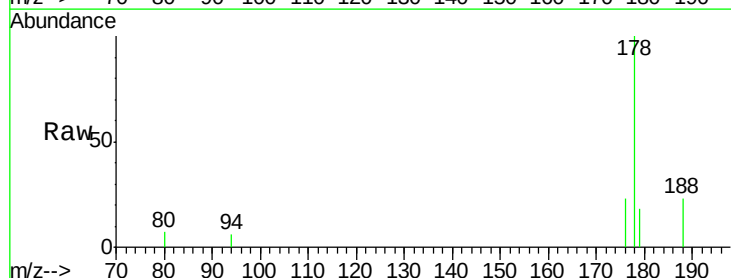


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

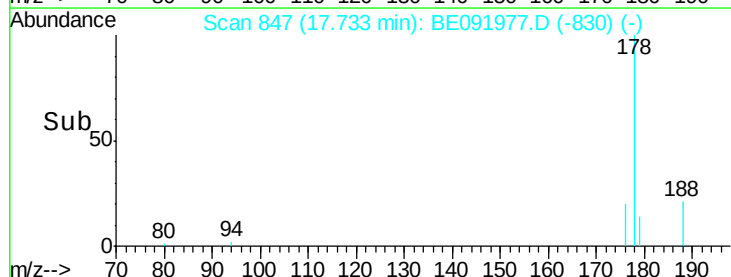
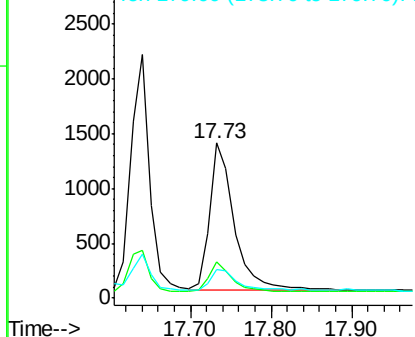


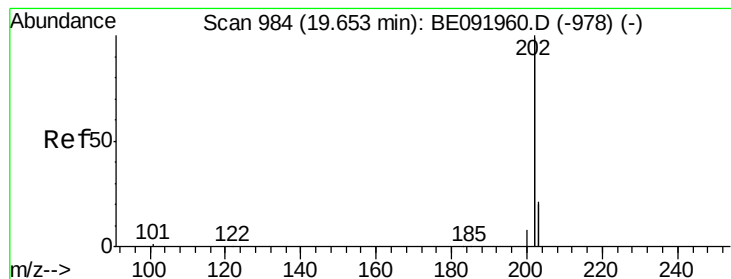
#29
Anthracene
Concen: 0.07 ng
RT: 17.73 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE091977.D
Acq: 6 Jul 2016 00:55

Tgt Ion:178 Resp: 2870
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 14.7 12.1 18.1



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





#30

Fluoranthene

Concen: 0.07 ng

RT: 19.65 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

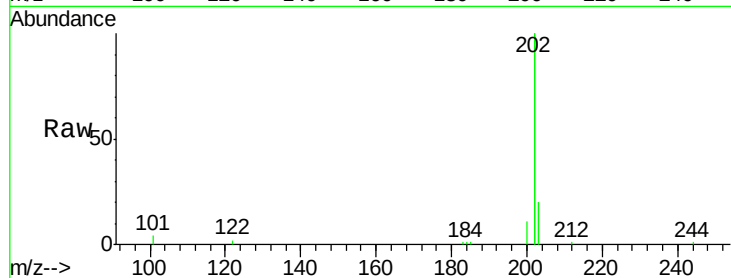
Tgt Ion:202 Resp: 14269

Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

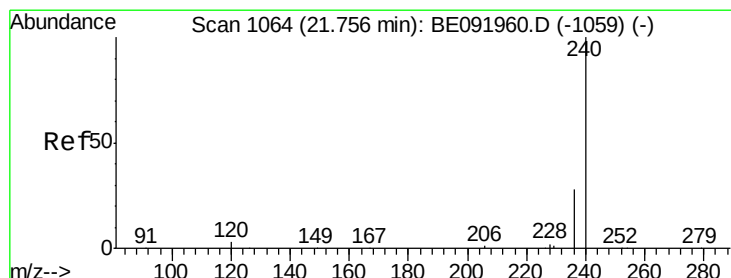
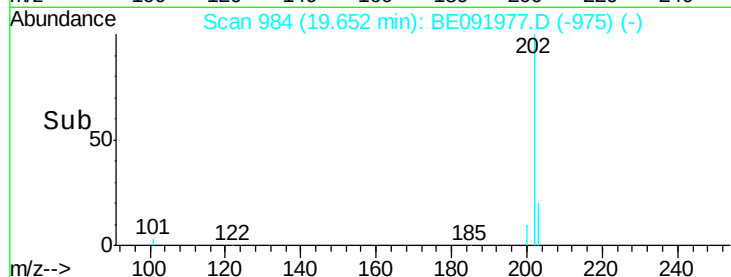
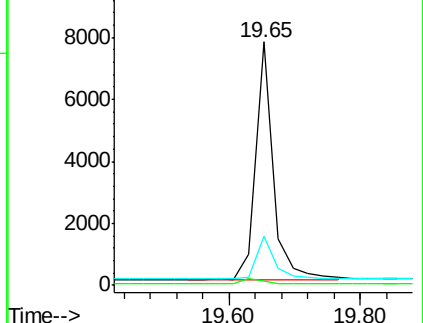
203 18.4 14.3 21.5



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



#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

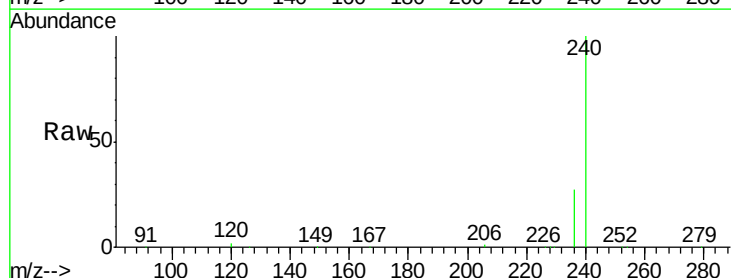
Tgt Ion:240 Resp: 317607

Ion Ratio Lower Upper

240 100

120 1.7 1.2 1.8

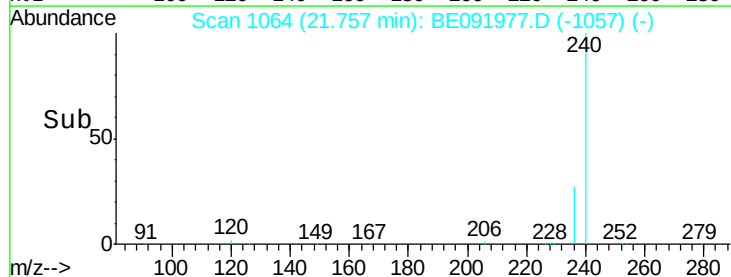
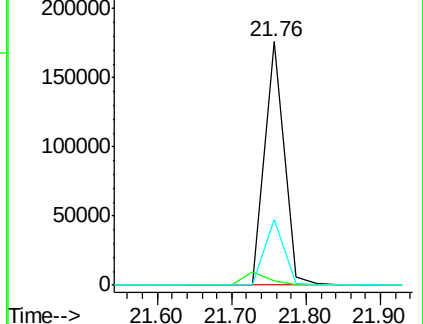
236 27.1 19.8 29.8

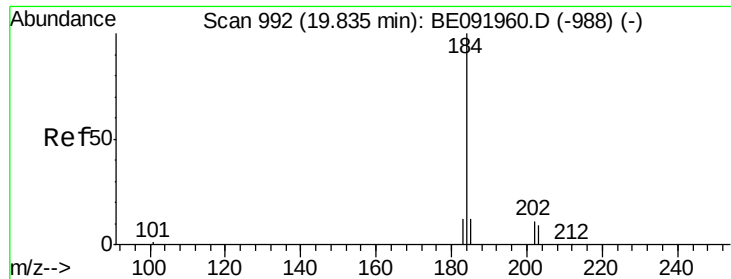


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

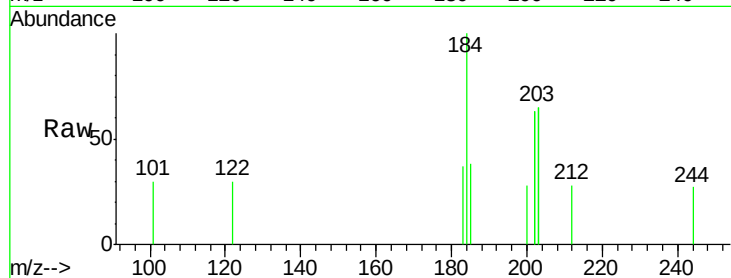




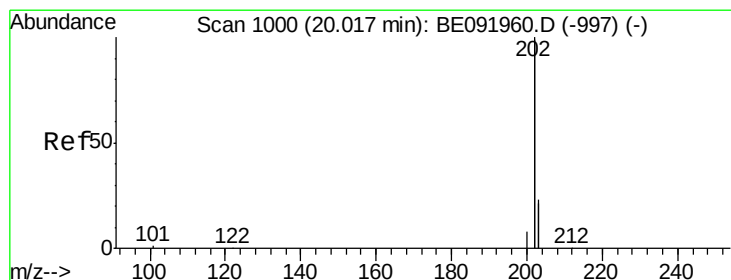
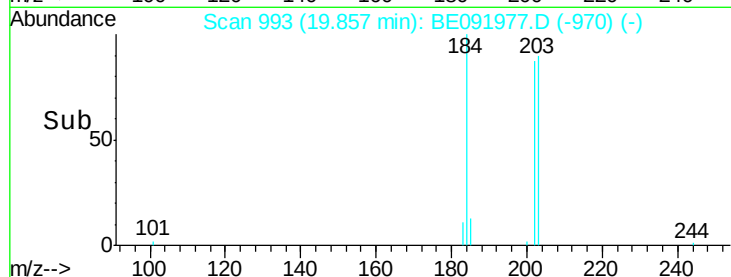
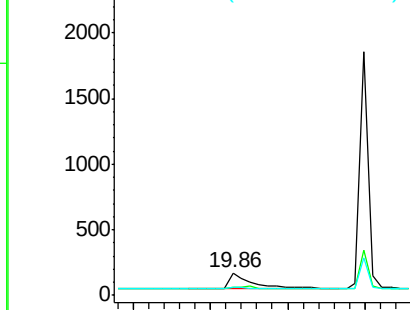
#32
Benzidine
Concen: 0.24 ng
RT: 19.86 min Scan# 993
Delta R.T. 0.02 min
Lab File: BE091977.D
Acq: 6 Jul 2016 00:55

Instrument :
BNA_E
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:184 Resp: 568
Ion Ratio Lower Upper
184 100
185 38.4 11.4 17.2#
183 37.2 11.8 17.6#

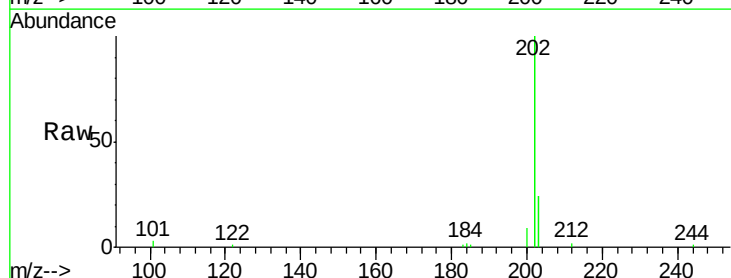


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

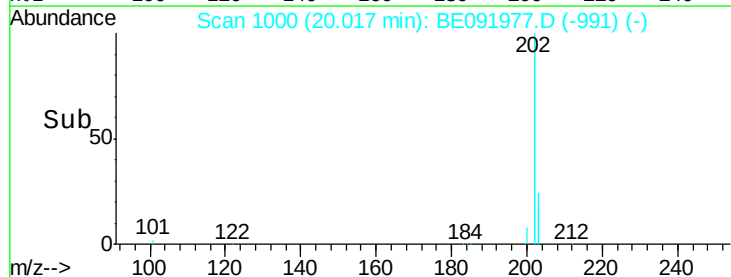
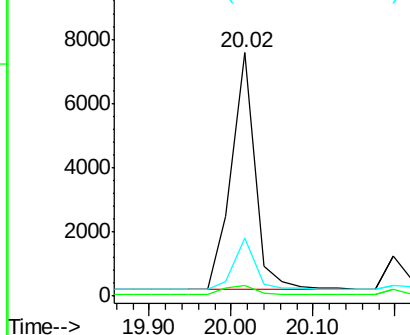


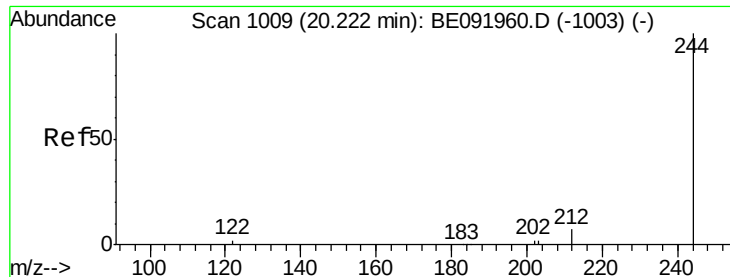
#33
Pyrene
Concen: 0.06 ng
RT: 20.02 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE091977.D
Acq: 6 Jul 2016 00:55

Tgt Ion:202 Resp: 14765
Ion Ratio Lower Upper
202 100
200 5.1 16.9 25.3#
203 19.2 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





#34

Terphenyl-d14

Concen: 3.21 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

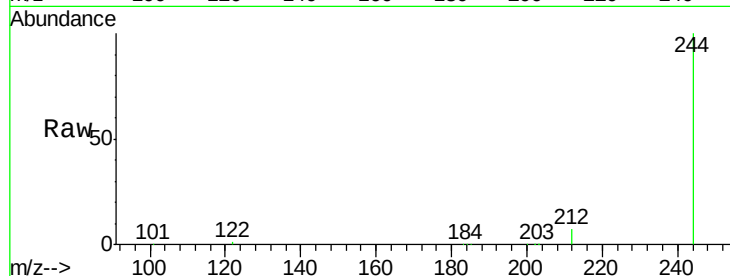
Tgt Ion:244 Resp: 120220

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

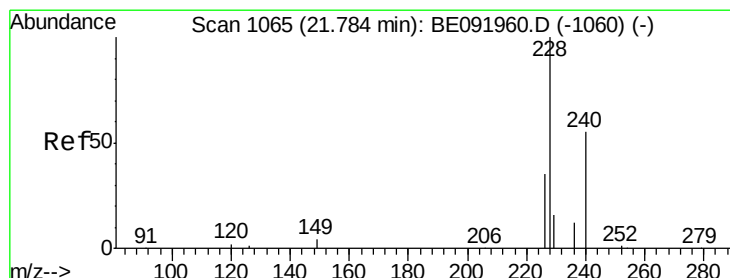
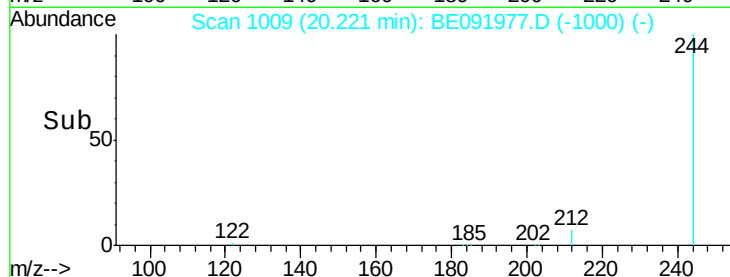
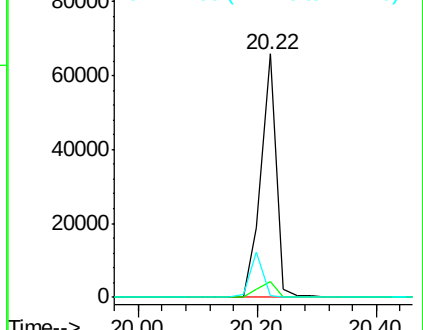
122 0.7 2.9 4.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#35

Benzo(a)anthracene

Concen: 0.20 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

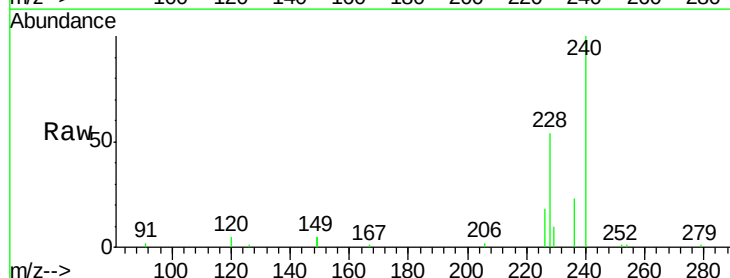
Tgt Ion:228 Resp: 10825

Ion Ratio Lower Upper

228 100

226 34.0 21.0 31.4#

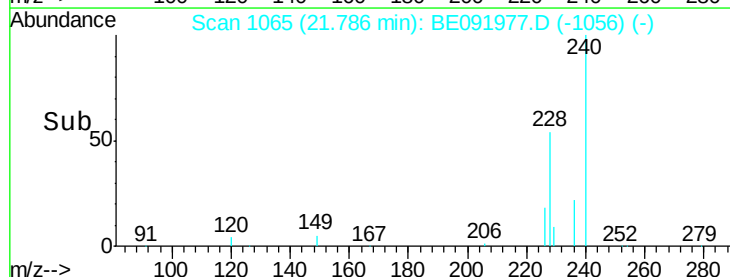
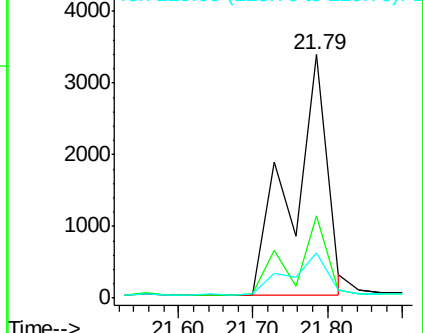
229 18.8 15.8 23.8

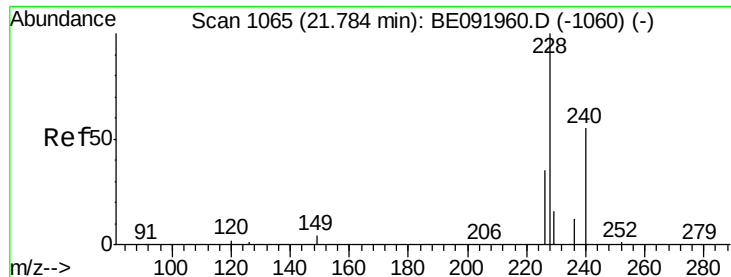


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#37

Chrysene

Concen: 0.15 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

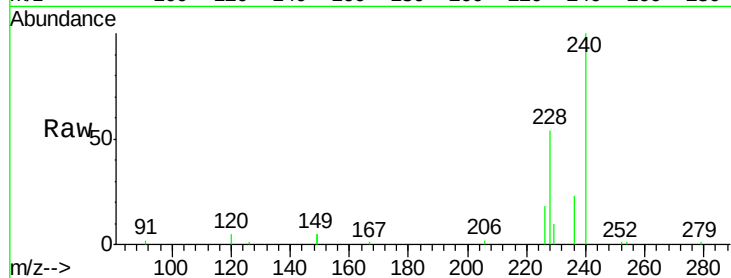
Tgt Ion:228 Resp: 10980

Ion Ratio Lower Upper

228 100

226 34.0 27.0 40.6

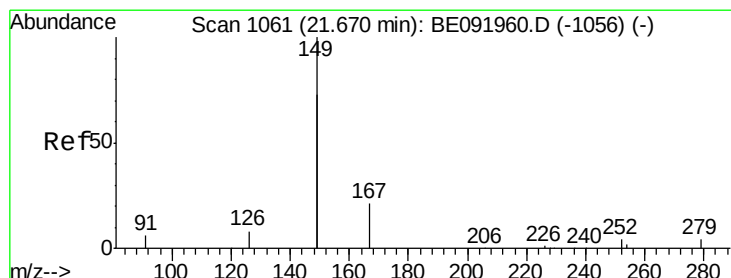
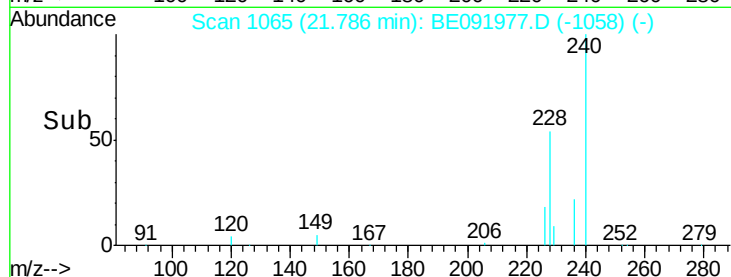
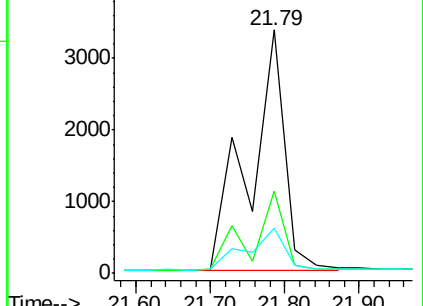
229 18.8 13.8 20.8



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 0.05 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

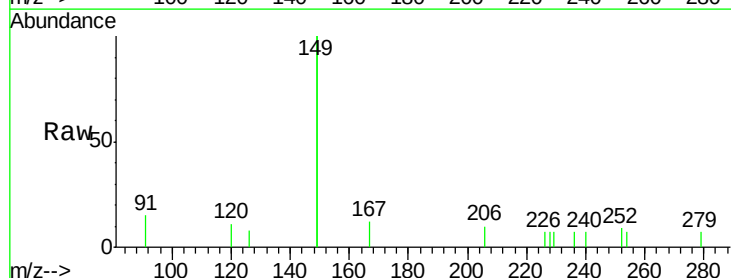
Tgt Ion:149 Resp: 3306

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

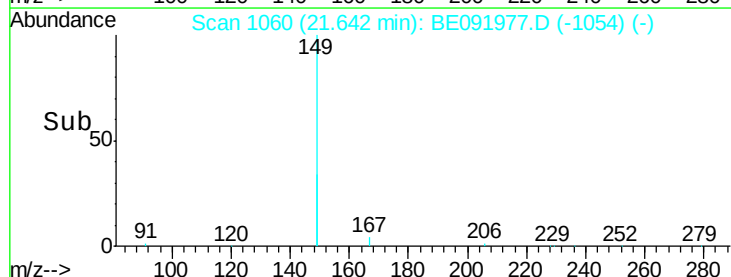
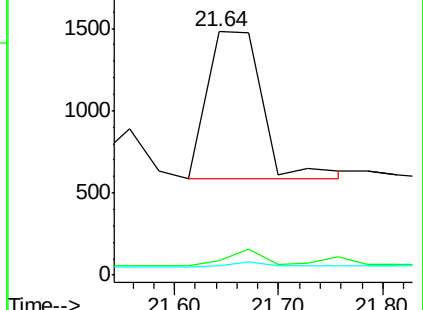
279 0.0 0.0 0.0

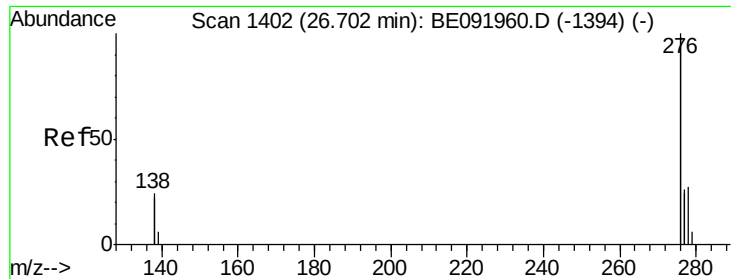


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.06 ng

RT: 26.70 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

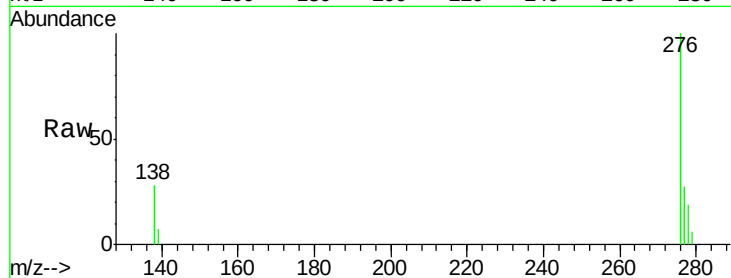
Tgt Ion:276 Resp: 18474

Ion Ratio Lower Upper

276 100

138 26.0 19.7 29.5

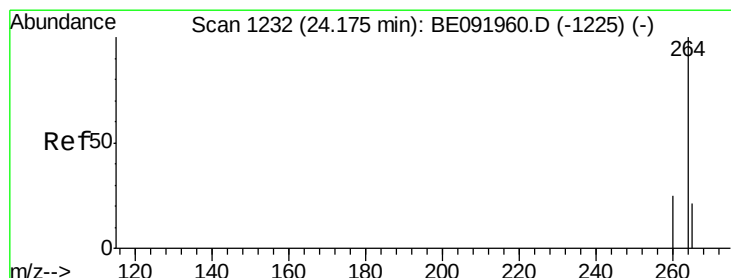
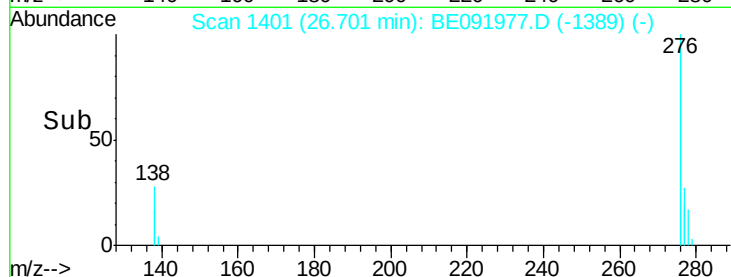
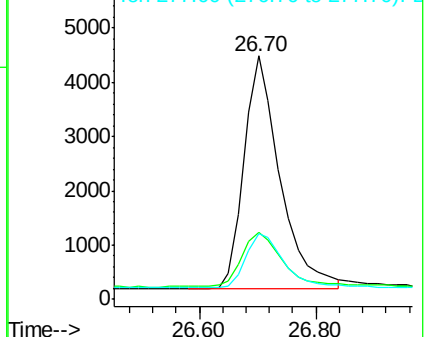
277 24.9 20.1 30.1



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



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.17 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

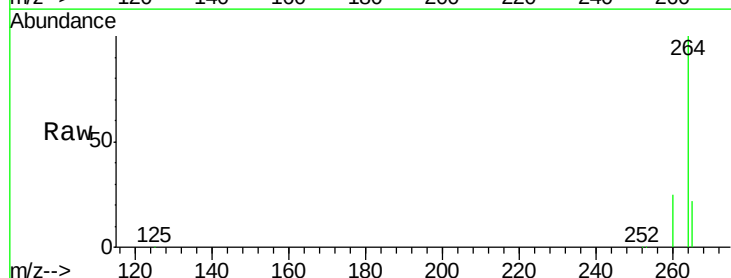
Tgt Ion:264 Resp: 242054

Ion Ratio Lower Upper

264 100

260 24.5 20.3 30.5

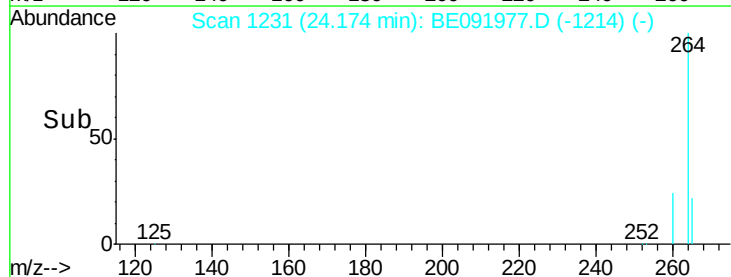
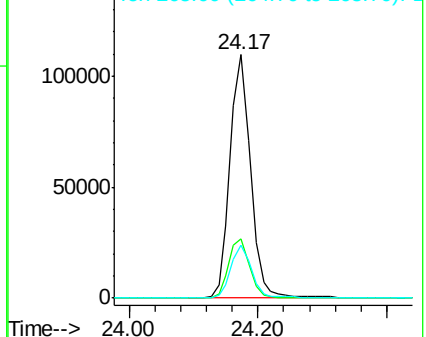
265 22.0 17.6 26.4

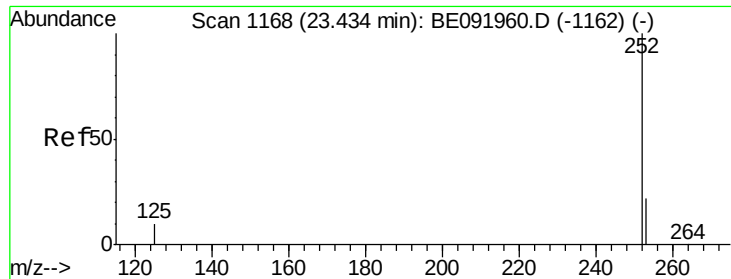


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.07 ng

RT: 23.48 min Scan# 1171

Delta R.T. 0.05 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

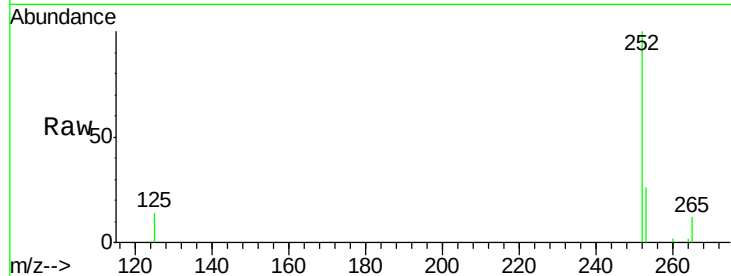
Tgt Ion:252 Resp: 4354

Ion Ratio Lower Upper

252 100

253 25.9 17.8 26.6

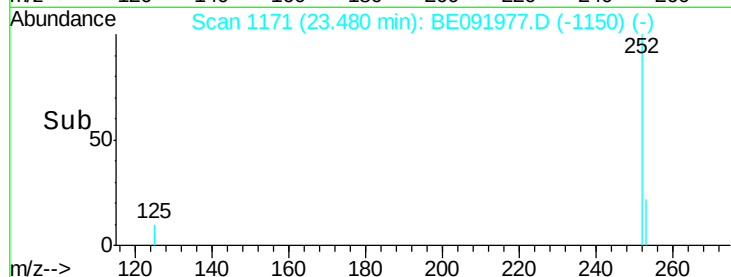
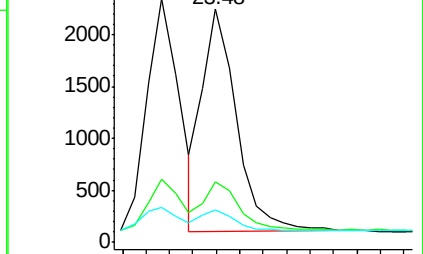
125 14.0 9.4 14.2



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



#42

Benzo(k)fluoranthene

Concen: 0.07 ng

RT: 23.48 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

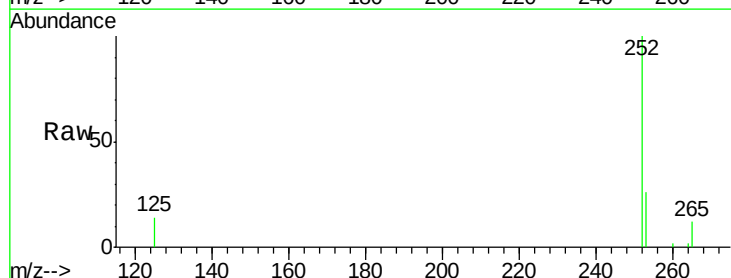
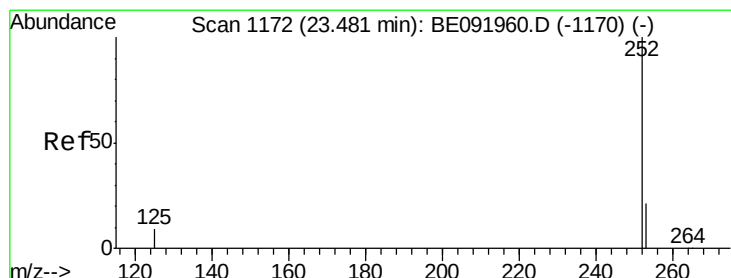
Tgt Ion:252 Resp: 4456

Ion Ratio Lower Upper

252 100

253 25.9 19.4 29.2

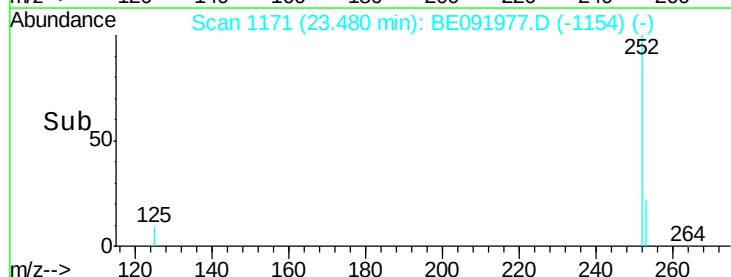
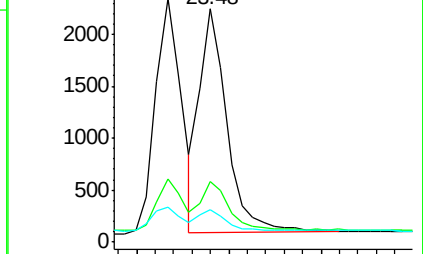
125 14.0 8.3 12.5#

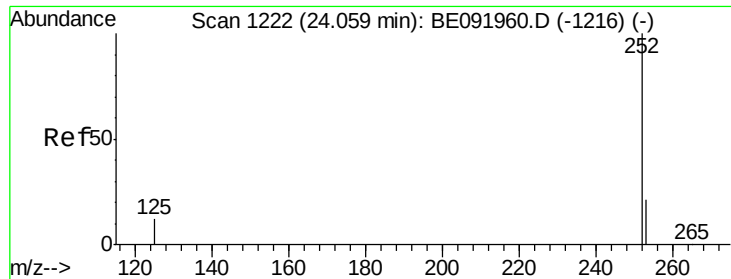


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.07 ng

RT: 24.06 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01

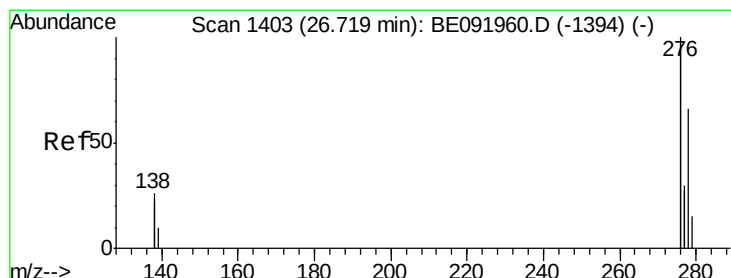
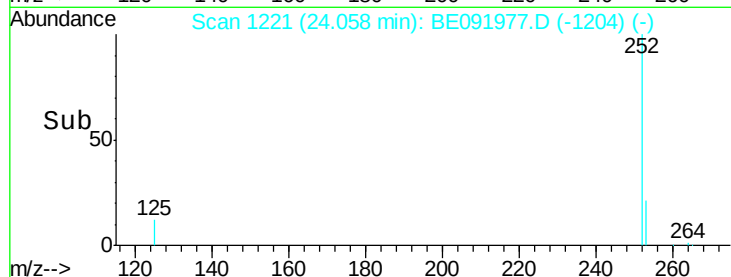
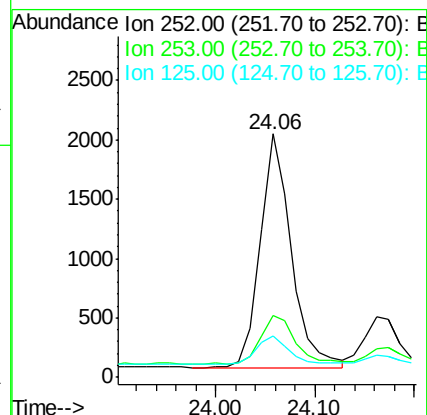
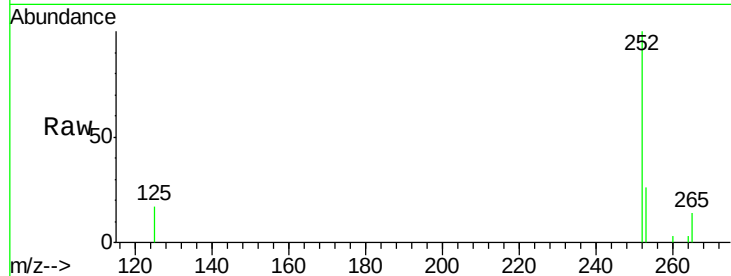
Tgt Ion:252 Resp: 4273

Ion Ratio Lower Upper

252 100

253 25.6 18.9 28.3

125 17.0 10.5 15.7#



#44

Dibenzo(a,h)anthracene

Concen: 0.06 ng

RT: 26.74 min Scan# 1403

Delta R.T. 0.02 min

Lab File: BE091977.D

Acq: 6 Jul 2016 00:55

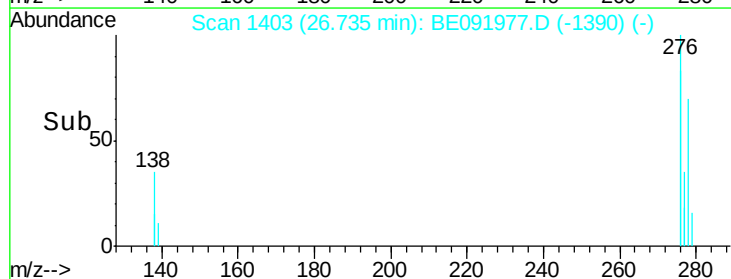
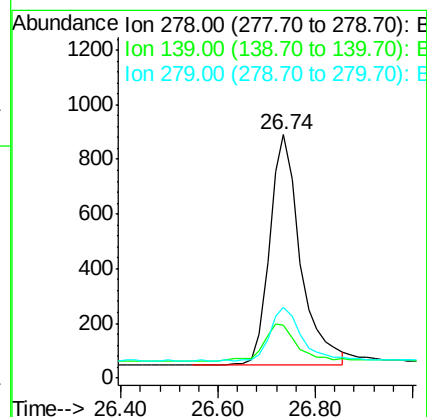
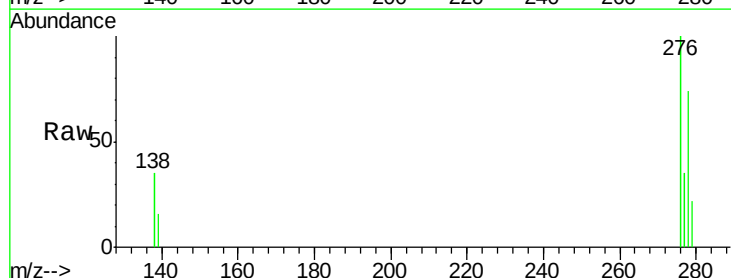
Tgt Ion:278 Resp: 3715

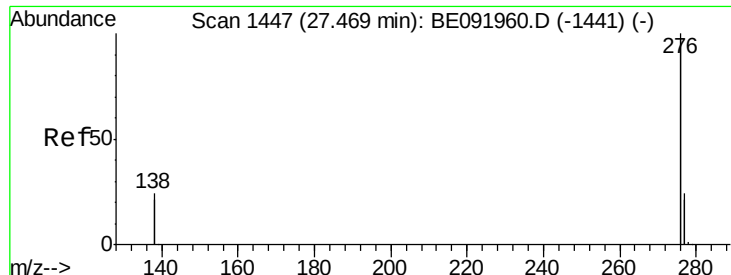
Ion Ratio Lower Upper

278 100

139 21.8 12.6 18.8#

279 29.2 20.0 30.0





#45

Benzo(g,h,i)perylene

Concen: 0.07 ng

RT: 27.48 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BE091977.D

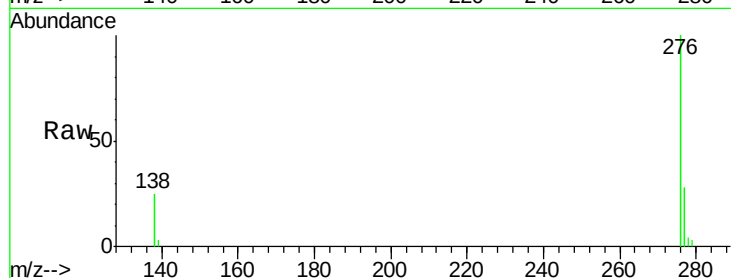
Acq: 6 Jul 2016 00:55

Instrument :

BNA_E

ClientSampleId :

LOD-WATER2016-01



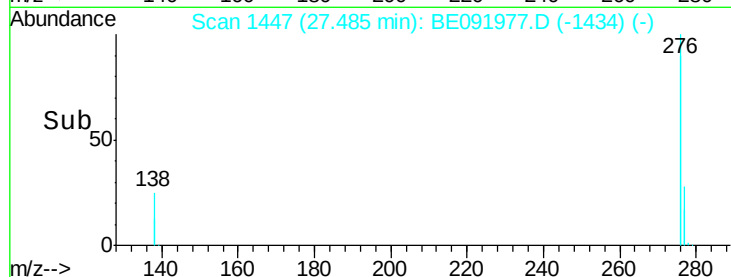
Tgt Ion: 276 Resp: 16592

Ion Ratio Lower Upper

276 100

277 27.5 19.5 29.3

138 24.8 17.7 26.5



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

