

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050316\
 Data File : BE091742.D
 Acq On : 3 May 2016 14:16
 Operator : UM/SJ
 Sample : H1824-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: May 04 01:03:40 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	41259	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	183650	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	103083	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	268664	5.00	ng	0.00
26) Chrysene-d12	21.31	240	287430	5.00	ng	0.00
35) Perylene-d12	23.75	264	304660	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	71759	7.08	ng	0.00
5) Phenol-d6	6.96	99	97632	7.26	ng	0.00
8) Nitrobenzene-d5	8.95	82	40180	3.39	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	22924	6.01	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	119584	4.10	ng	0.00
29) Terphenyl-d14	19.76	244	195767	4.37	ng	0.00

Target Compounds

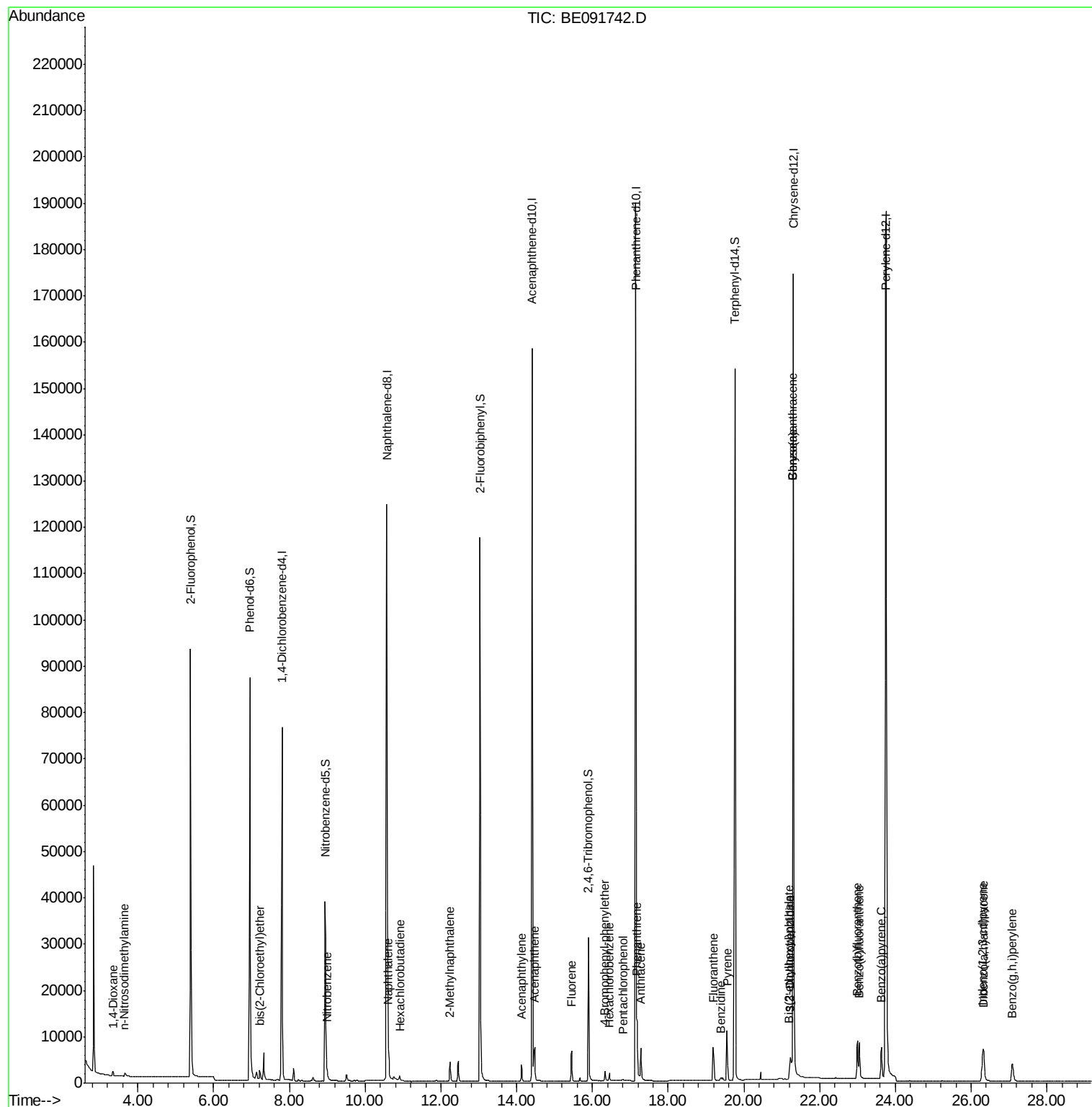
						Qvalue
2) 1,4-Dioxane	3.35	88	965	0.10	ng	90
3) n-Nitrosodimethylamine	3.64	42	922	0.12	ng	# 90
6) bis(2-Chloroethyl)ether	7.21	93	1734	0.15	ng	# 75
9) Nitrobenzene	8.99	77	1867	0.15	ng	# 94
10) Naphthalene	10.61	128	6231	0.17	ng	97
11) Hexachlorobutadiene	10.92	225	1361	0.25	ng	# 83
12) 2-Methylnaphthalene	12.24	142	3834	0.16	ng	99
16) Acenaphthylene	14.12	152	6325	0.16	ng	# 87
17) Acenaphthene	14.47	154	4056	0.16	ng	84
18) Fluorene	15.46	166	5035	0.16	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	1515	0.16	ng	95
21) Hexachlorobenzene	16.45	284	1631	0.17	ng	99
22) Pentachlorophenol	16.81	266	468	0.19	ng	95
23) Phenanthrene	17.18	178	10839	0.18	ng	98
24) Anthracene	17.28	178	8481	0.15	ng	99
25) Fluoranthene	19.19	202	10187	0.16	ng	97
27) Benzidine	19.40	184	1933	0.25	ng	92
28) Pyrene	19.55	202	11726	0.18	ng	100
30) Benzo(a)anthracene	21.29	228	12832	0.18	ng	92
31) 3,3'-Dichlorobenzidine	21.22	252	7465	0.21	ng	# 82
32) Chrysene	21.29	228	12832	0.18	ng	# 89
33) Bis(2-ethylhexyl)phthalate	21.20	149	3189	0.15	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.31	276	12333	0.19	ng	95
36) Benzo(b)fluoranthene	23.00	252	12582	0.18	ng	95
37) Benzo(k)fluoranthene	23.04	252	11175	0.15	ng	96
38) Benzo(a)pyrene	23.63	252	10835	0.16	ng	# 90
39) Dibenzo(a,h)anthracene	26.33	278	9907	0.16	ng	96
40) Benzo(g,h,i)perylene	27.09	276	10289	0.16	ng	95

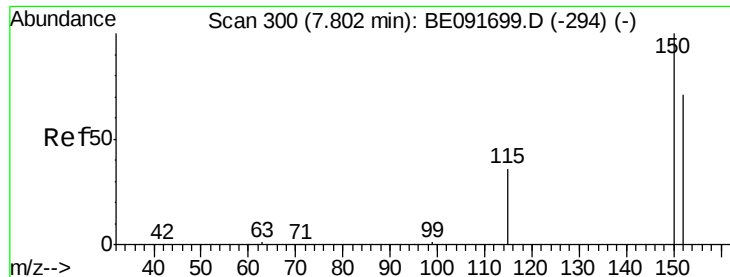
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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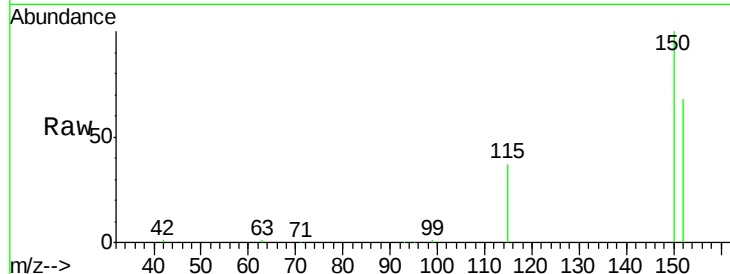




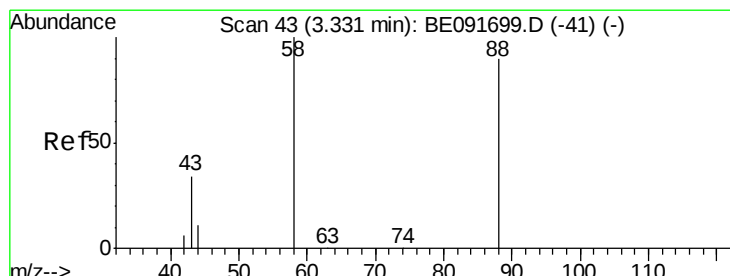
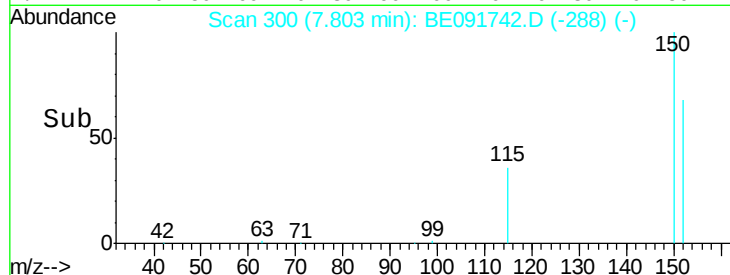
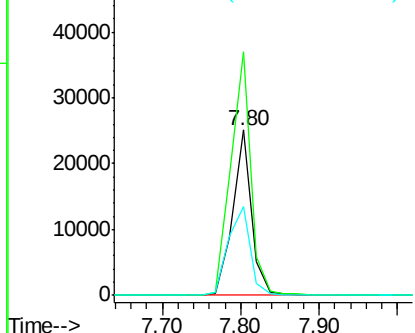
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.80 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: BE091742.D
 Acq: 3 May 2016 14:16

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:152 Resp: 41259
 Ion Ratio Lower Upper
 152 100
 150 147.4 122.6 183.8
 115 53.8 52.8 79.2

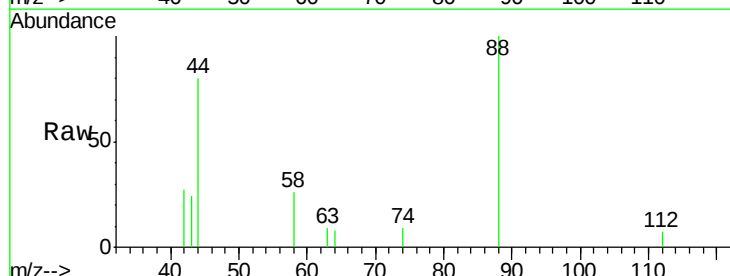


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

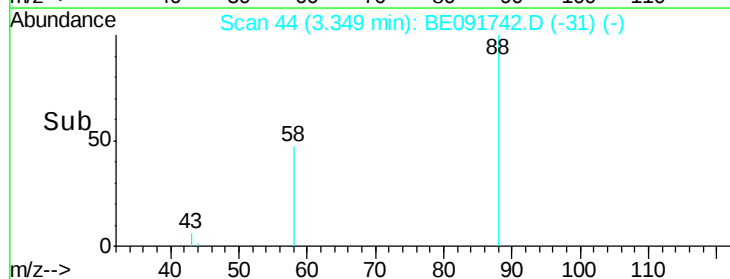
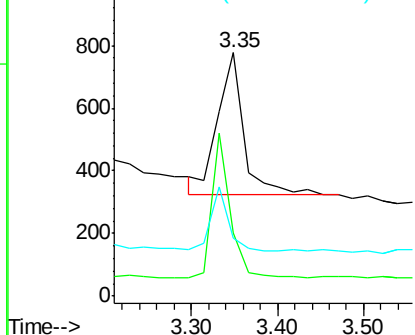


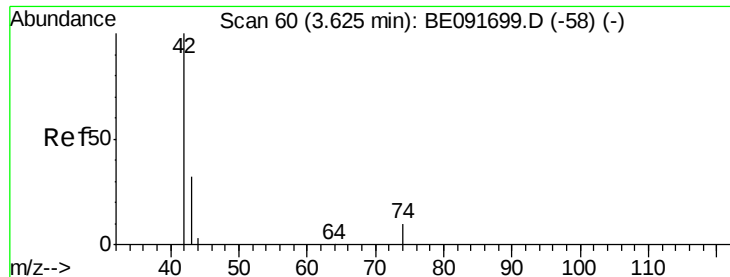
#2
 1,4-Dioxane
 Concen: 0.10 ng
 RT: 3.35 min Scan# 44
 Delta R.T. 0.02 min
 Lab File: BE091742.D
 Acq: 3 May 2016 14:16

Tgt Ion: 88 Resp: 965
 Ion Ratio Lower Upper
 88 100
 58 70.5 65.8 98.6
 43 30.1 25.3 37.9



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





#3

n-Nitrosodimethylamine

Concen: 0.12 ng

RT: 3.64 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

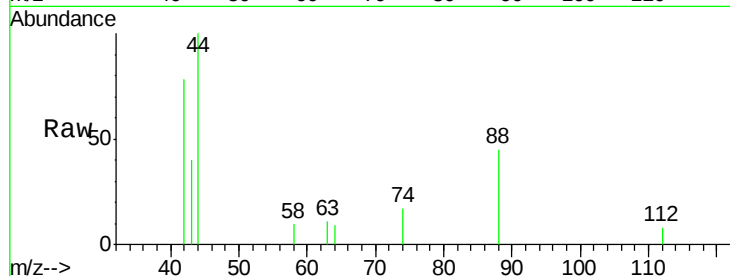
Tgt Ion: 42 Resp: 922

Ion Ratio Lower Upper

42 100

74 99.0 87.9 131.9

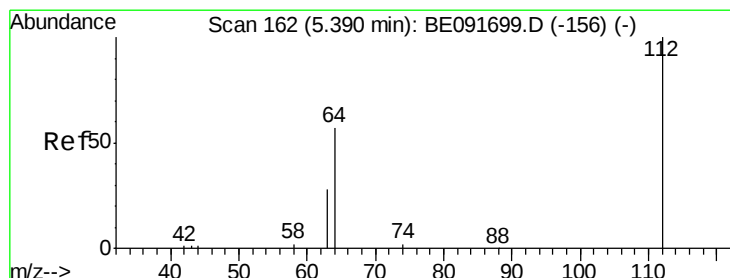
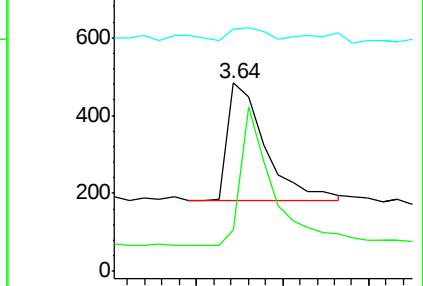
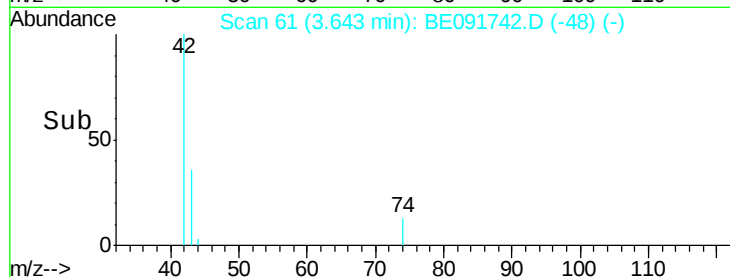
44 11.4 6.6 9.8#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 7.08 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

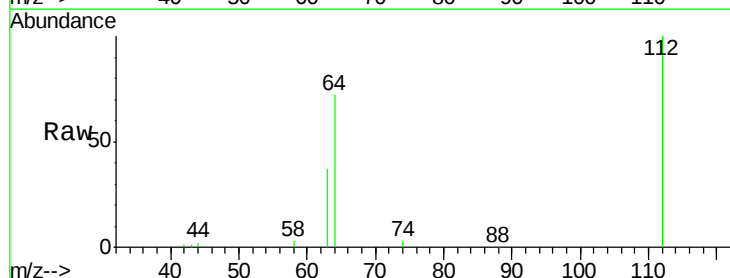
Tgt Ion: 112 Resp: 71759

Ion Ratio Lower Upper

112 100

64 67.3 30.9 46.3#

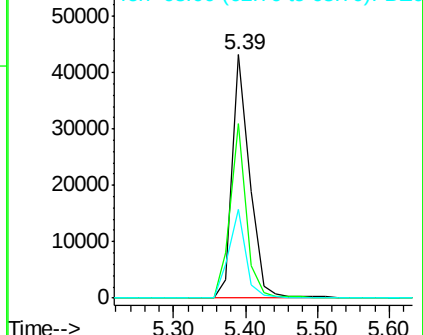
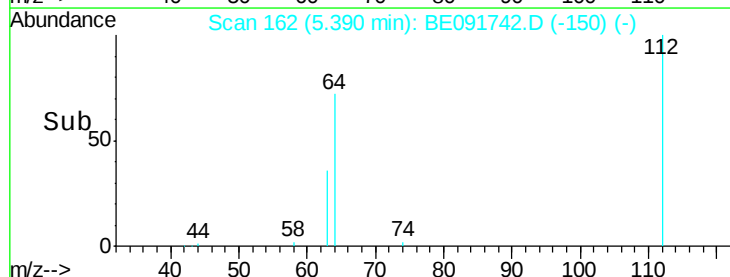
63 36.3 16.7 25.1#

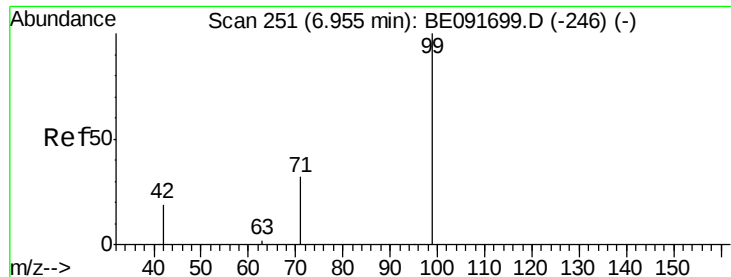


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.26 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

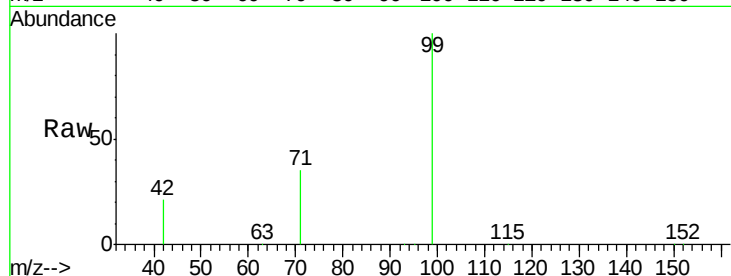
Tgt Ion: 99 Resp: 97632

Ion Ratio Lower Upper

99 100

42 24.8 16.2 24.2#

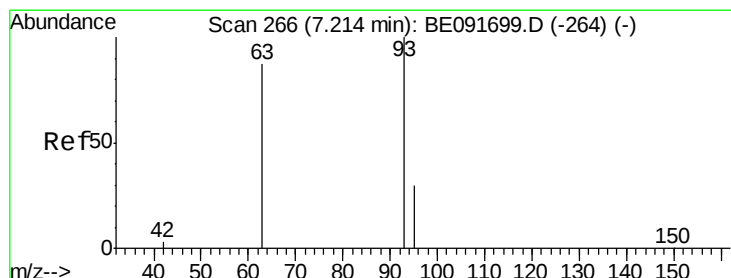
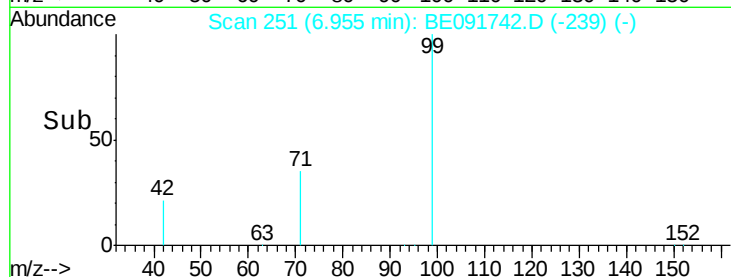
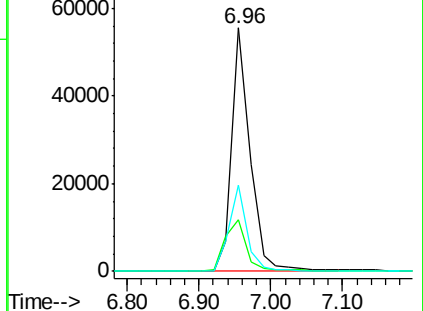
71 35.1 29.0 43.4



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: 0.15 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

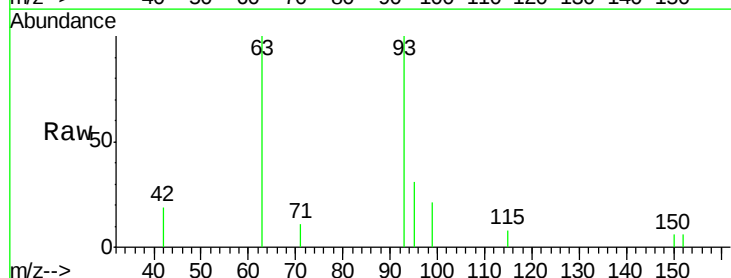
Tgt Ion: 93 Resp: 1734

Ion Ratio Lower Upper

93 100

63 86.2 49.5 74.3#

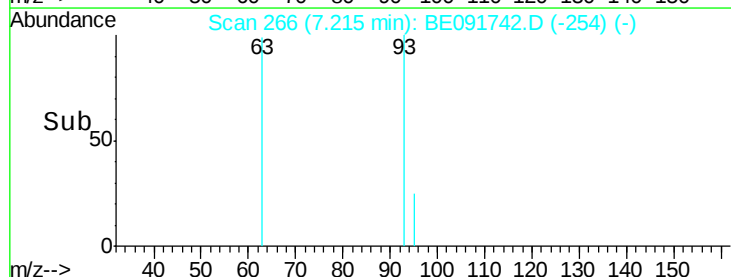
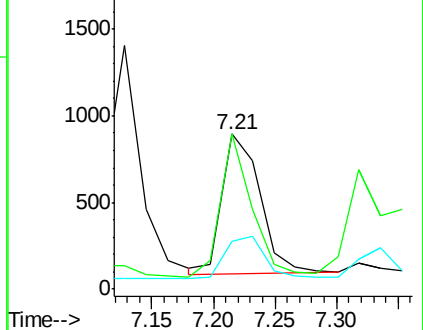
95 32.9 22.2 33.4

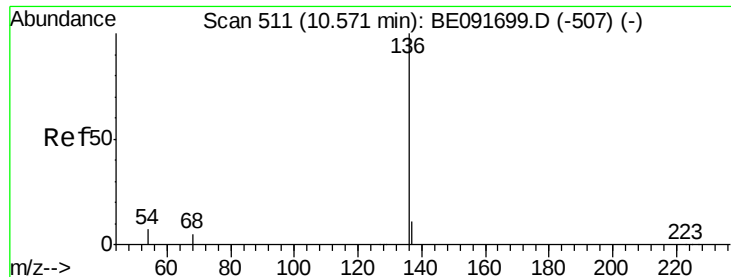


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion: 136 Resp: 183650

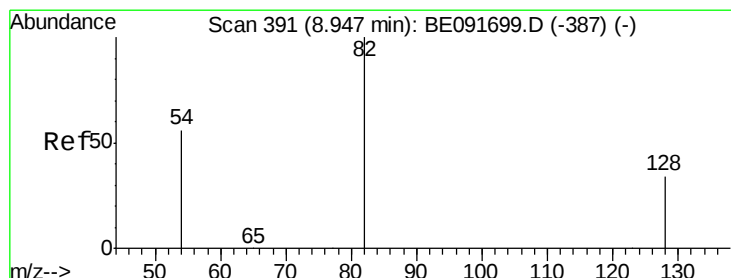
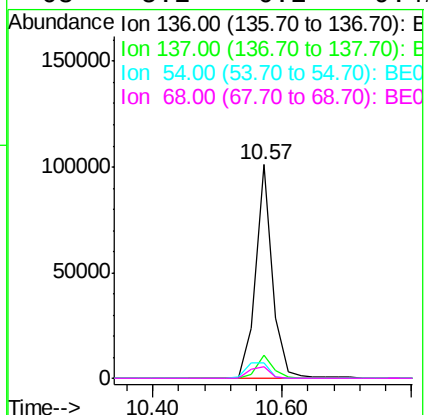
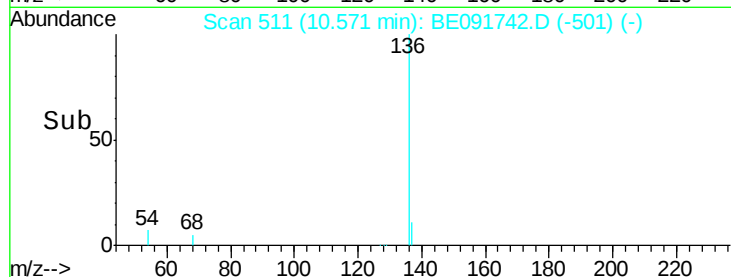
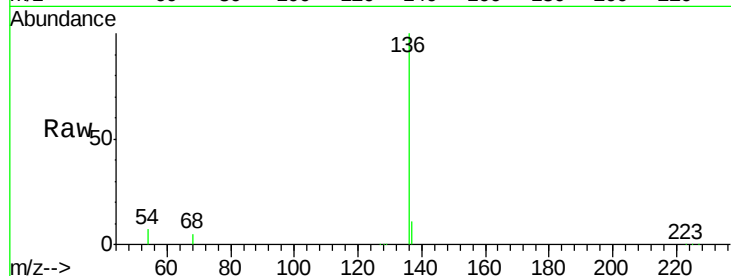
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 8.2 12.4#

68 5.2 6.2 9.4#



#8

Nitrobenzene-d5

Concen: 3.39 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

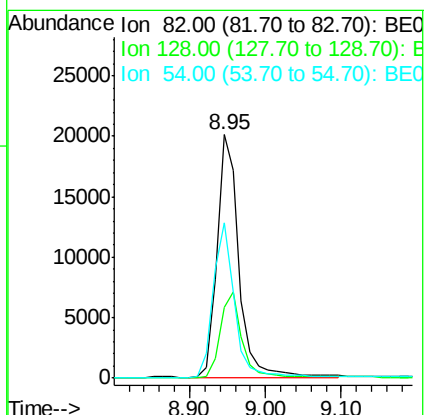
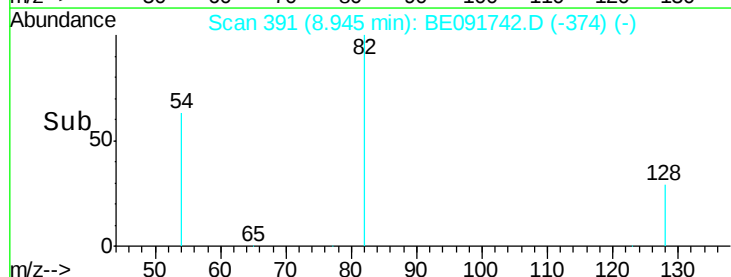
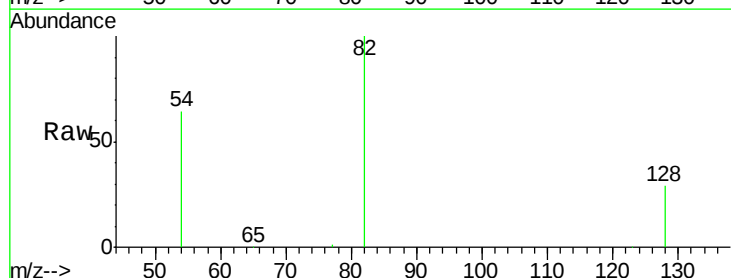
Tgt Ion: 82 Resp: 40180

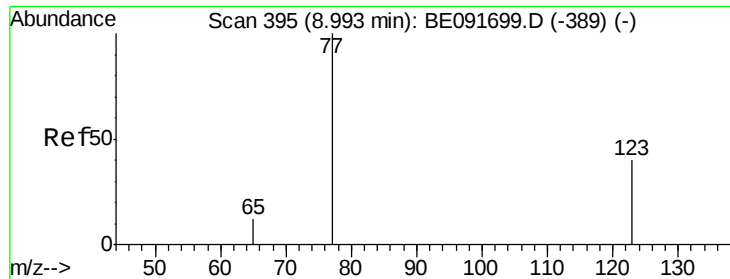
Ion Ratio Lower Upper

82 100

128 29.3 25.4 38.0

54 63.6 48.4 72.6





#9

Nitrobenzene

Concen: 0.15 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

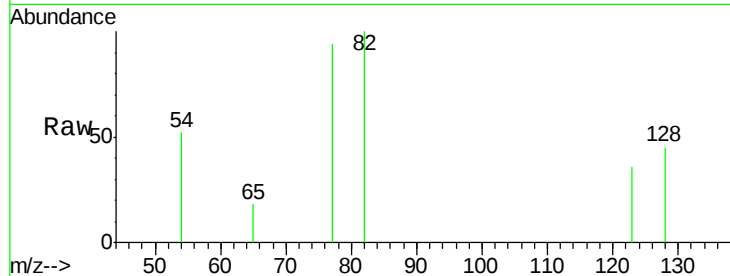
Tgt Ion: 77 Resp: 1867

Ion Ratio Lower Upper

77 100

123 35.6 26.9 40.3

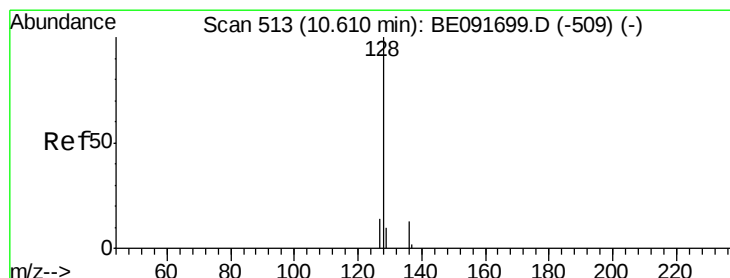
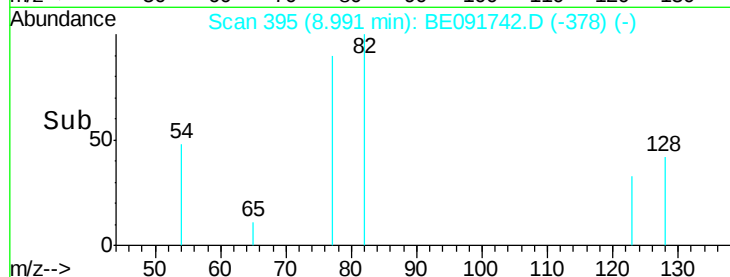
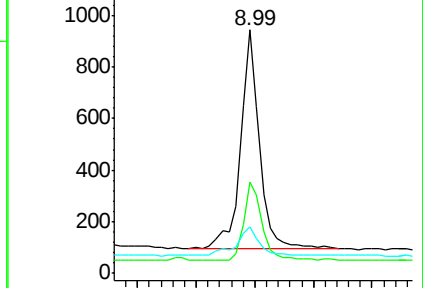
65 16.2 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

Ion 123.00 (122.70 to 123.70): BE091699.D (-389) (-)

Ion 65.00 (64.70 to 65.70): BE091699.D (-389) (-)



#10

Naphthalene

Concen: 0.17 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

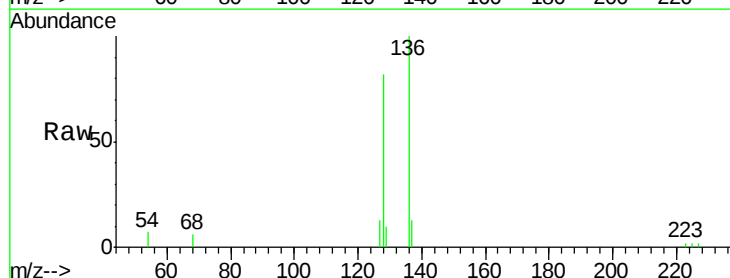
Tgt Ion: 128 Resp: 6231

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

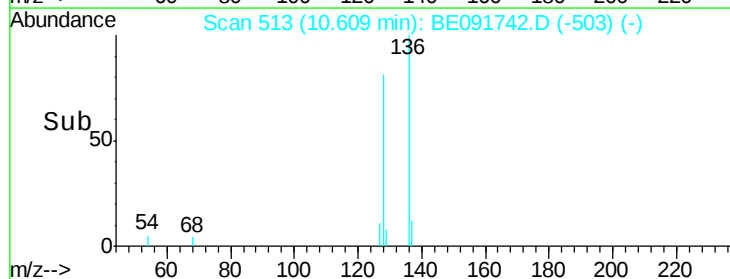
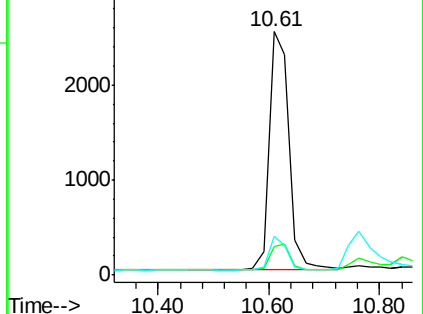
127 15.8 10.7 16.1

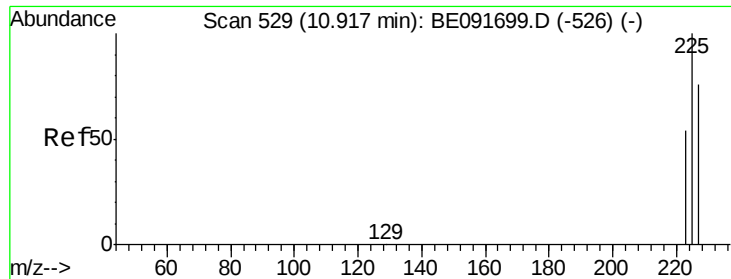


Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BE091699.D (-509) (-)

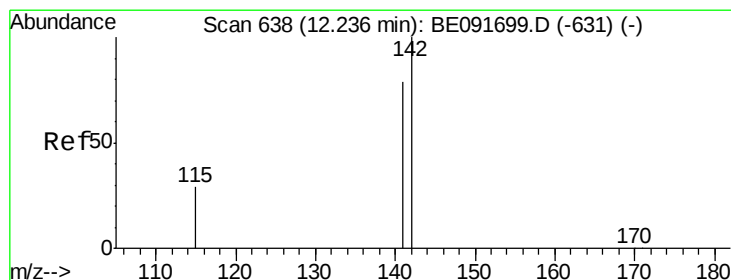
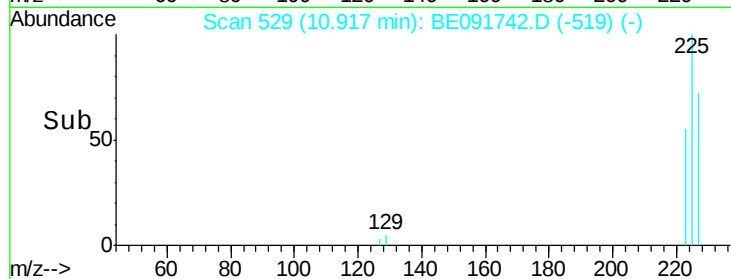
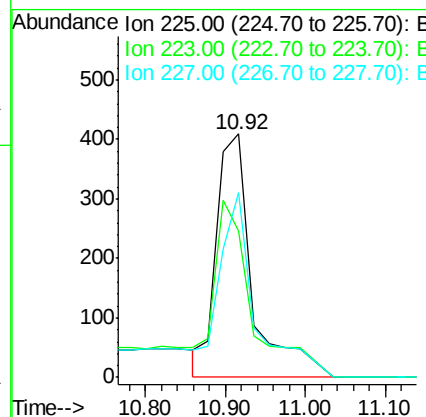
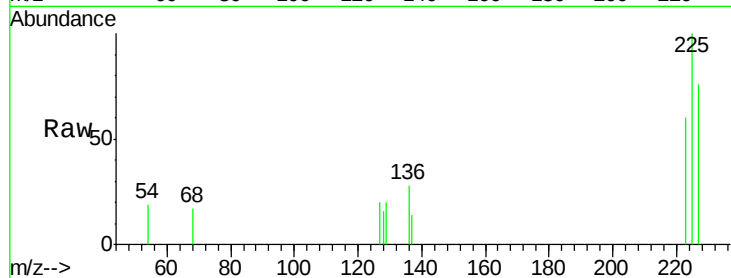




#11
Hexachlorobutadiene
Concen: 0.25 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091742.D
Acq: 3 May 2016 14:16

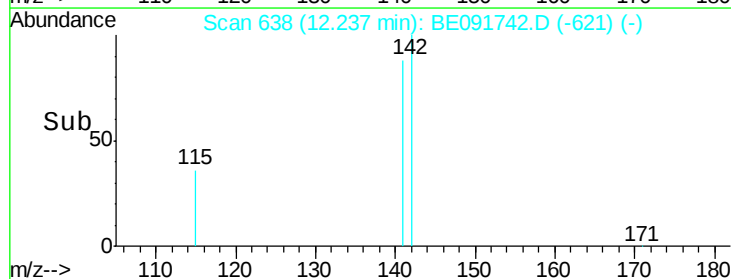
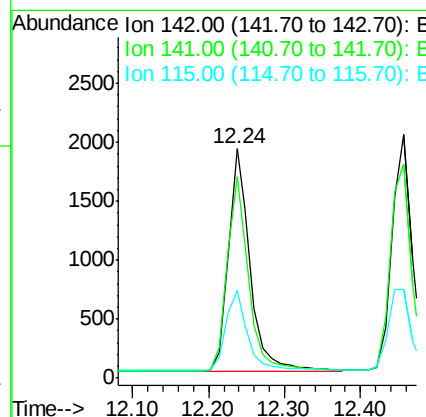
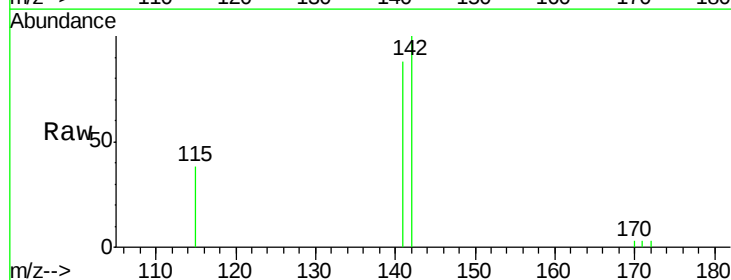
Instrument :
BNA_E
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LOQ-WATER2016-02

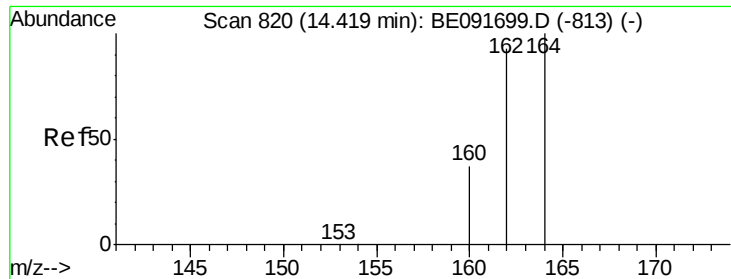
Tgt Ion: 225 Resp: 1361
Ion Ratio Lower Upper
225 100
223 76.2 49.0 73.6#
227 74.3 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.16 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091742.D
Acq: 3 May 2016 14:16

Tgt Ion: 142 Resp: 3834
Ion Ratio Lower Upper
142 100
141 87.6 71.4 107.0
115 37.9 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

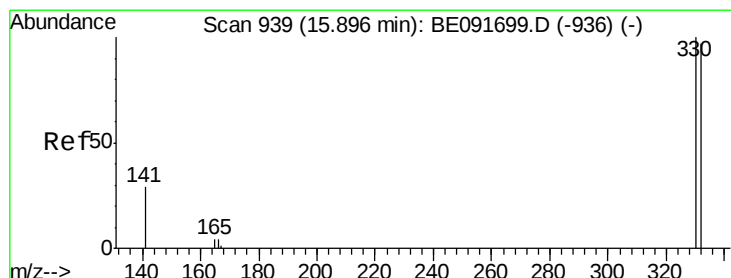
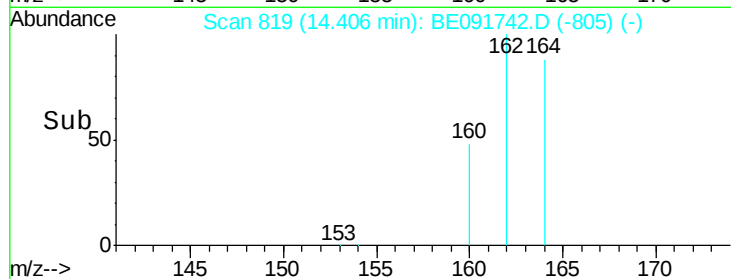
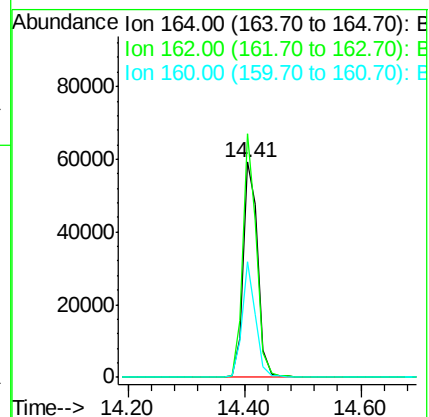
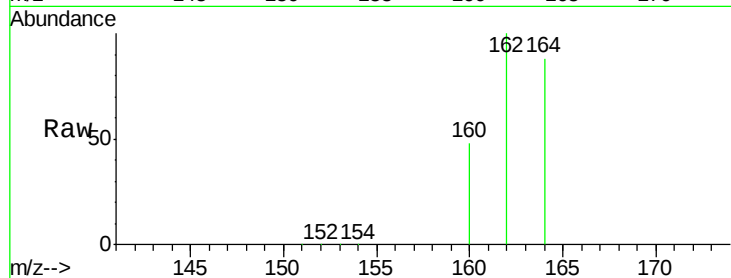
Tgt Ion:164 Resp: 103083

Ion Ratio Lower Upper

164 100

162 113.1 85.3 127.9

160 53.8 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 6.01 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

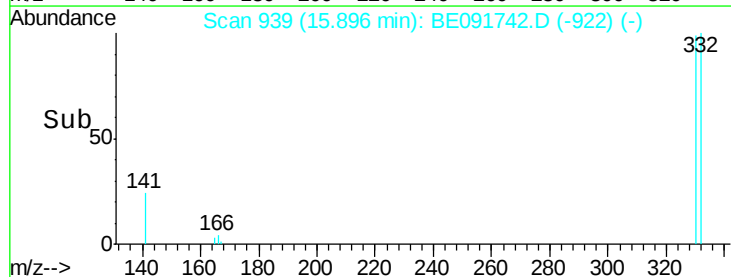
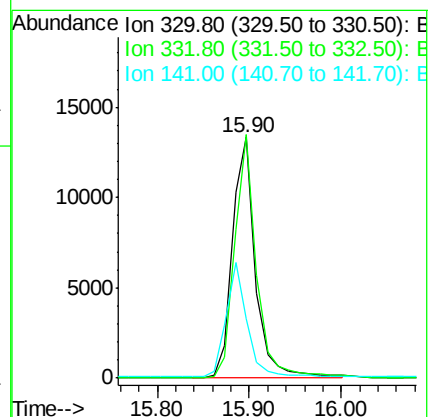
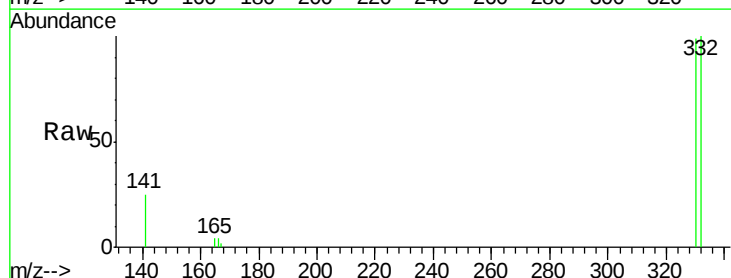
Tgt Ion:330 Resp: 22924

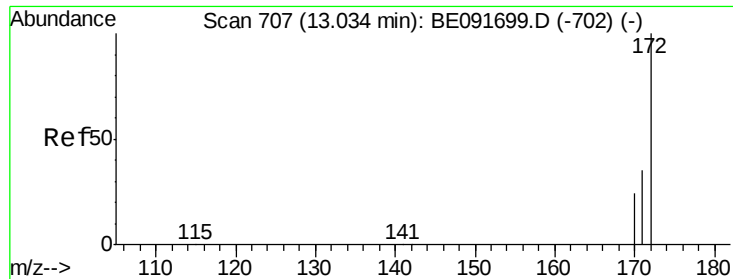
Ion Ratio Lower Upper

330 100

332 95.9 79.1 118.7

141 44.0 125.4 188.0#

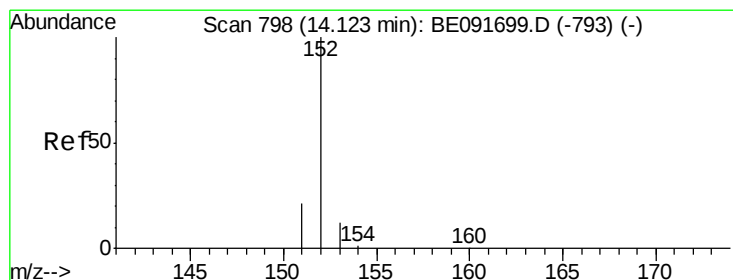
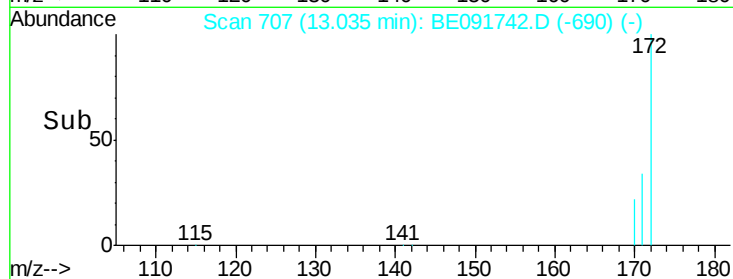
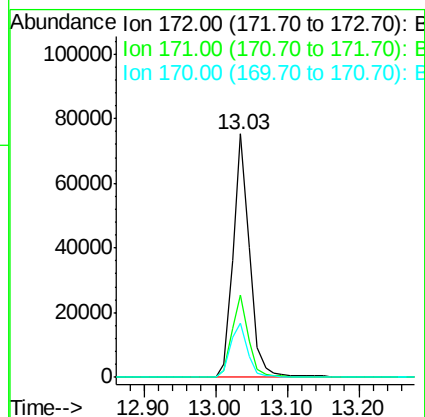
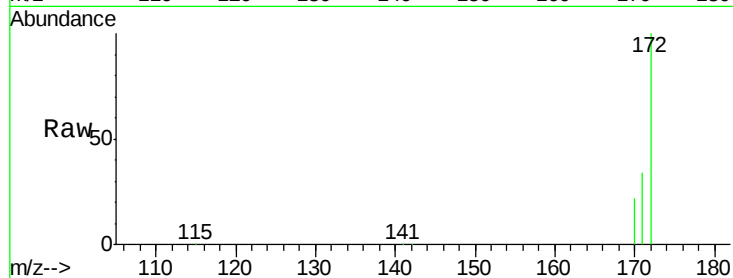




#15
2-Fluorobiphenyl
Concen: 4.10 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091742.D
Acq: 3 May 2016 14:16

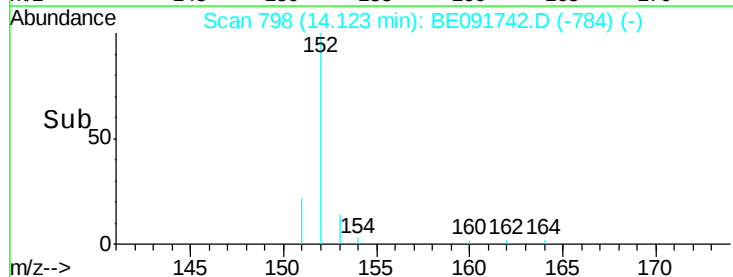
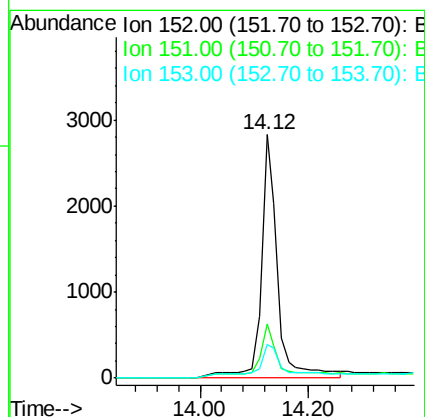
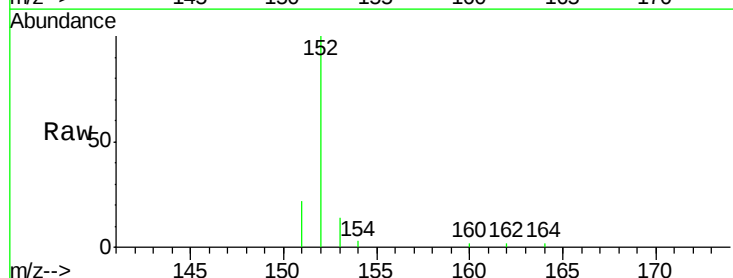
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

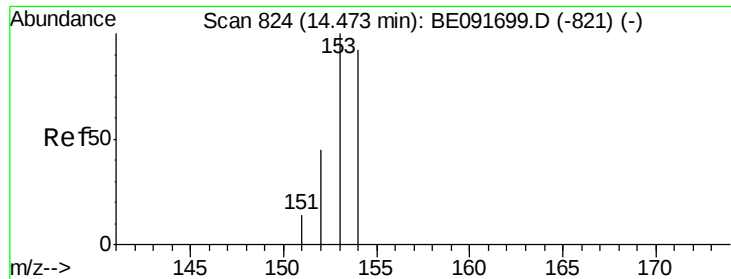
Tgt Ion:172 Resp: 119584
Ion Ratio Lower Upper
172 100
171 33.9 28.8 43.2
170 22.1 19.3 28.9



#16
Acenaphthylene
Concen: 0.16 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091742.D
Acq: 3 May 2016 14:16

Tgt Ion:152 Resp: 6325
Ion Ratio Lower Upper
152 100
151 18.0 3.9 5.9#
153 13.8 10.3 15.5





#17

Acenaphthene

Concen: 0.16 ng

RT: 14.47 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

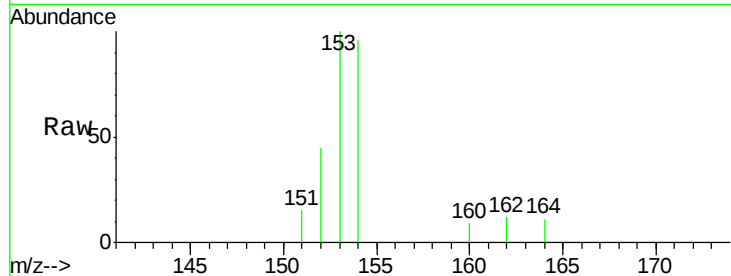
Tgt Ion:154 Resp: 4056

Ion Ratio Lower Upper

154 100

153 118.2 80.0 120.0

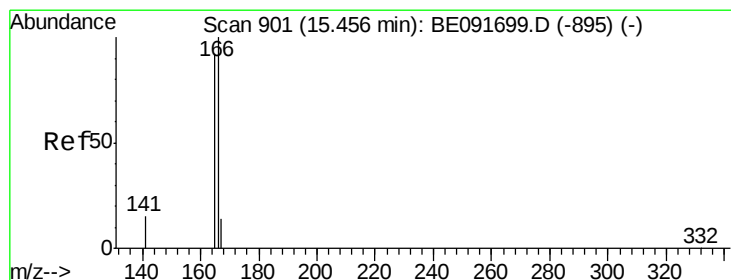
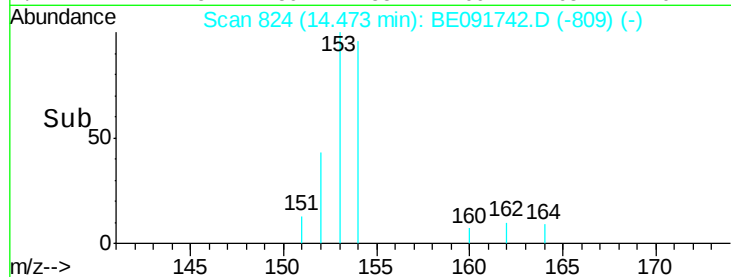
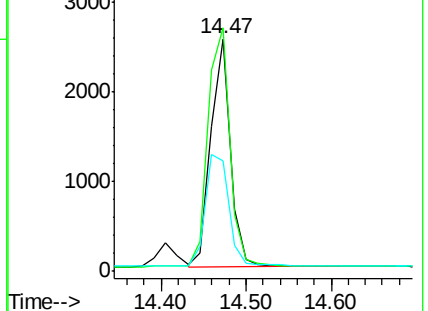
152 57.9 40.0 60.0



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: 0.16 ng

RT: 15.46 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

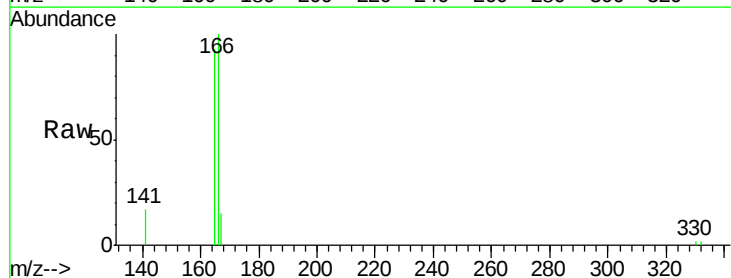
Tgt Ion:166 Resp: 5035

Ion Ratio Lower Upper

166 100

165 99.7 80.8 121.2

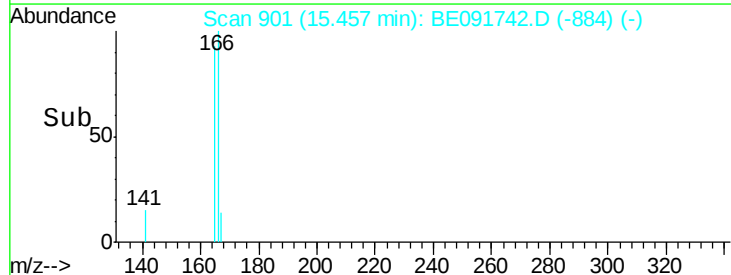
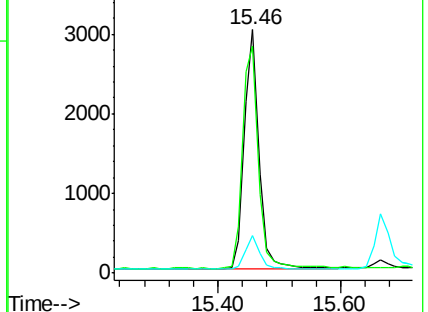
167 13.5 10.9 16.3

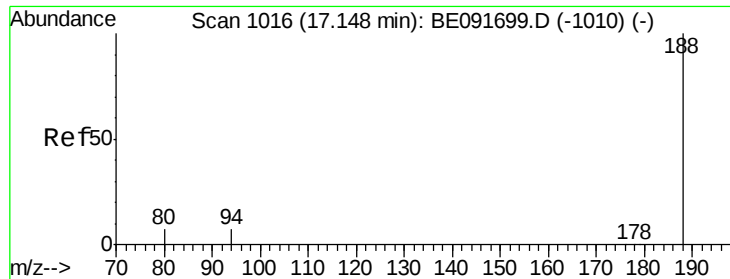


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

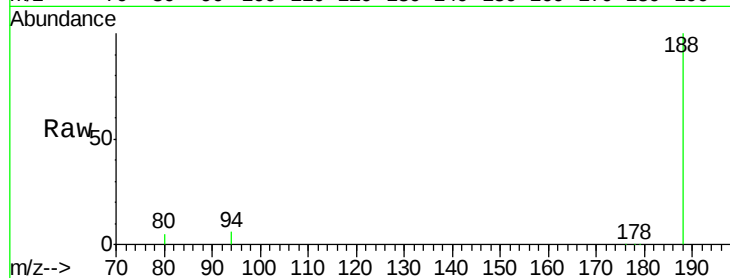
Tgt Ion:188 Resp: 268664

Ion Ratio Lower Upper

188 100

94 5.6 8.7 13.1#

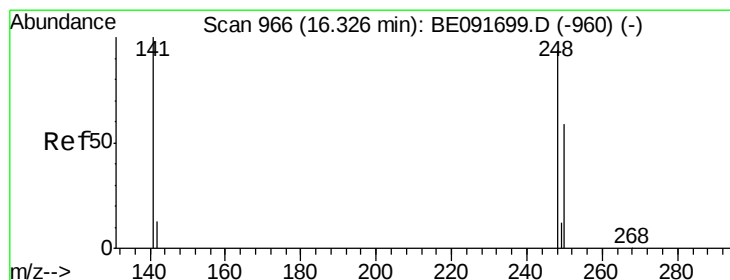
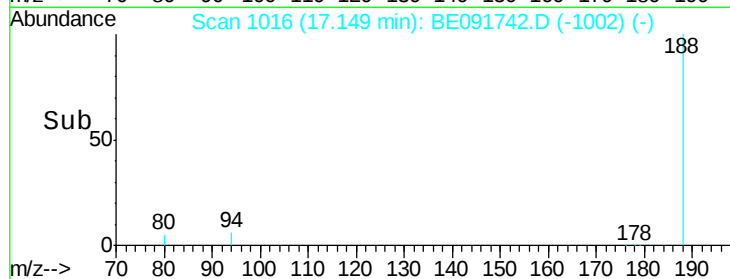
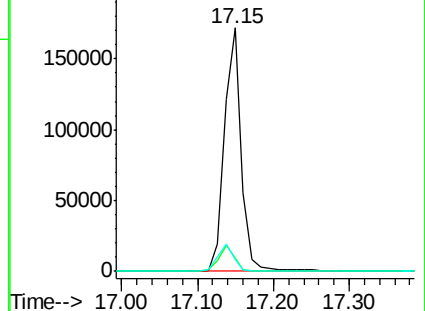
80 4.8 9.4 14.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.16 ng

RT: 16.33 min Scan# 966

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

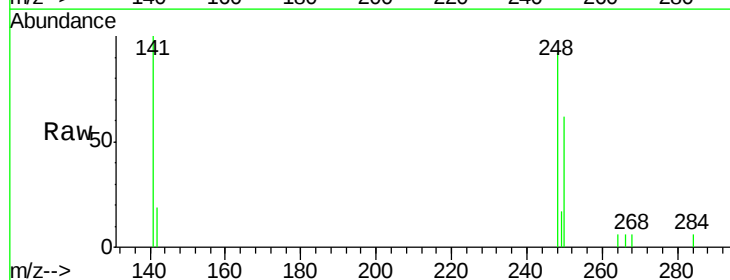
Tgt Ion:248 Resp: 1515

Ion Ratio Lower Upper

248 100

250 96.7 80.5 120.7

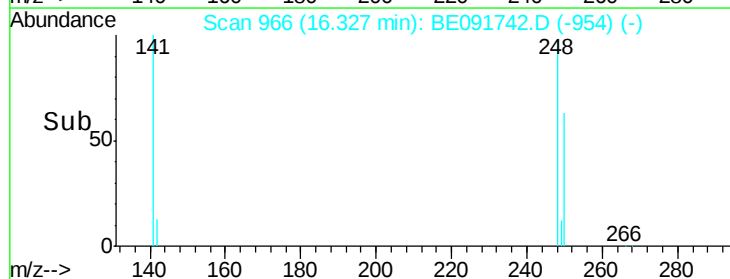
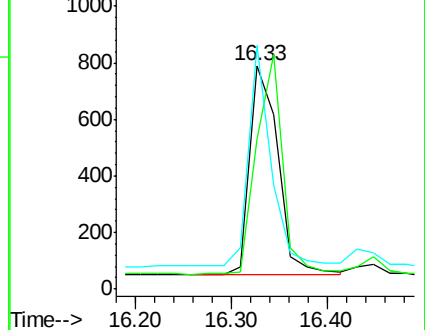
141 83.9 72.0 108.0

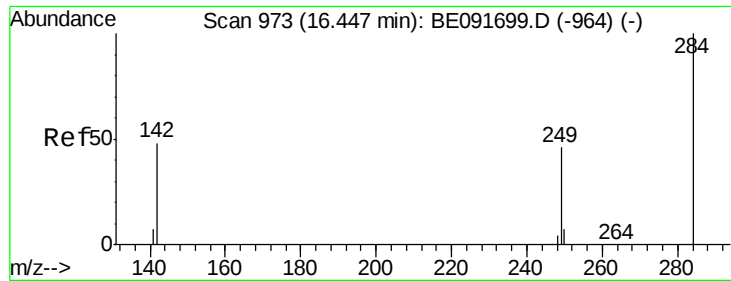


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

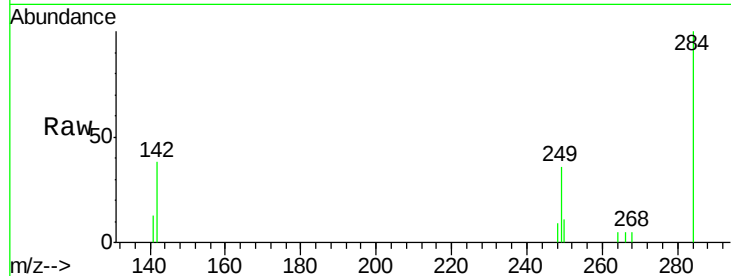




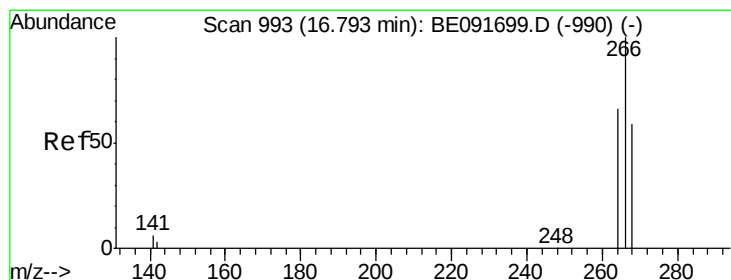
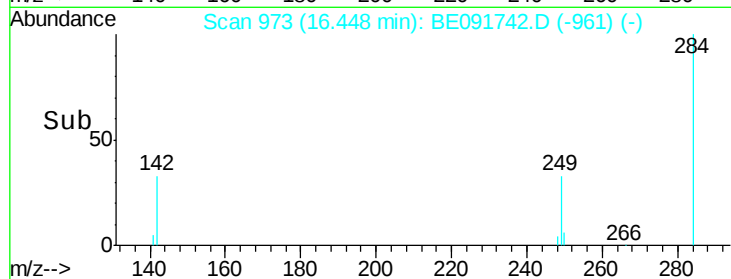
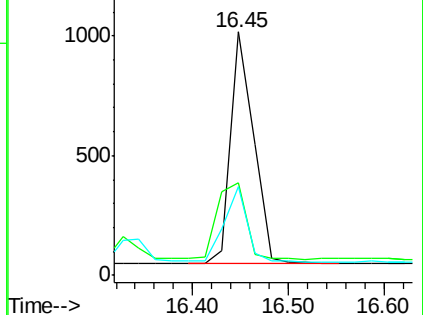
#21
Hexachlorobenzene
Concen: 0.17 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091742.D
Acq: 3 May 2016 14:16

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion: 284 Resp: 1631
Ion Ratio Lower Upper
284 100
142 41.4 32.2 48.2
249 32.3 25.4 38.2

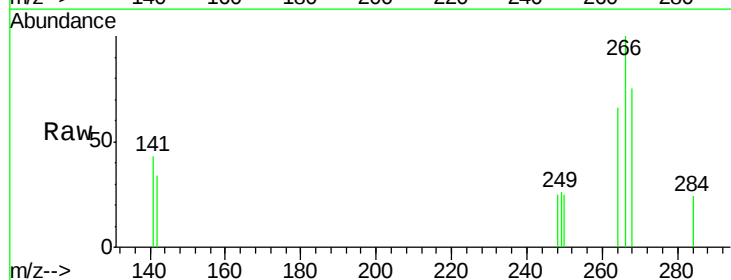


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

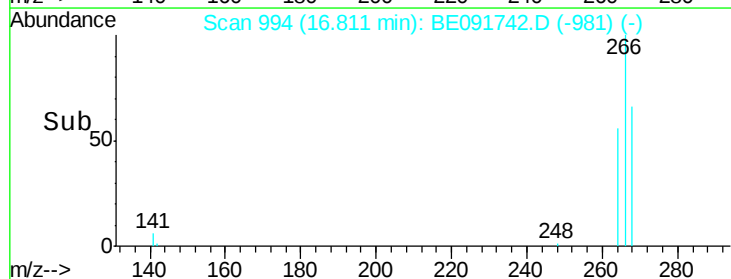
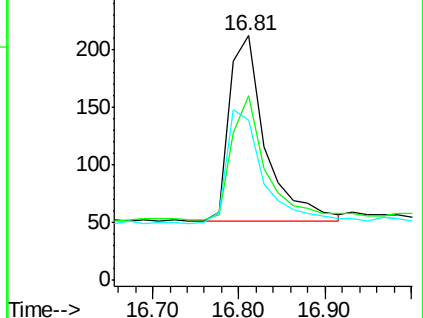


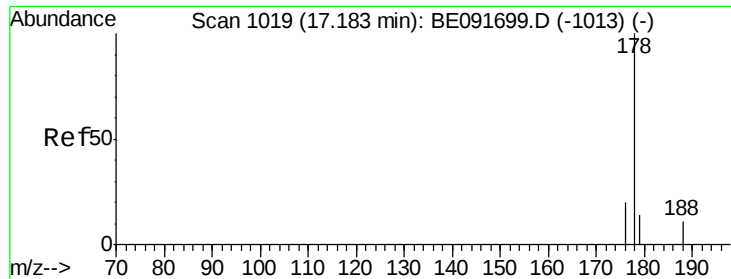
#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.02 min
Lab File: BE091742.D
Acq: 3 May 2016 14:16

Tgt Ion: 266 Resp: 468
Ion Ratio Lower Upper
266 100
268 75.5 58.2 87.2
264 65.6 56.2 84.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.18 ng

RT: 17.18 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

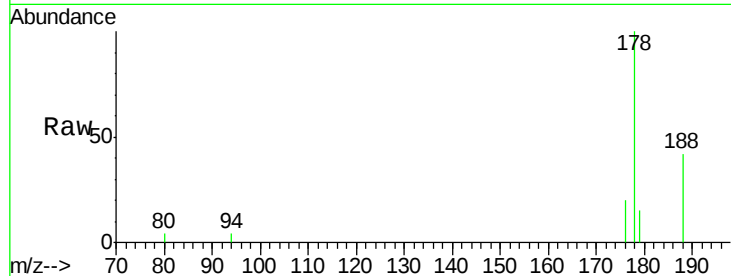
Tgt Ion:178 Resp: 10839

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

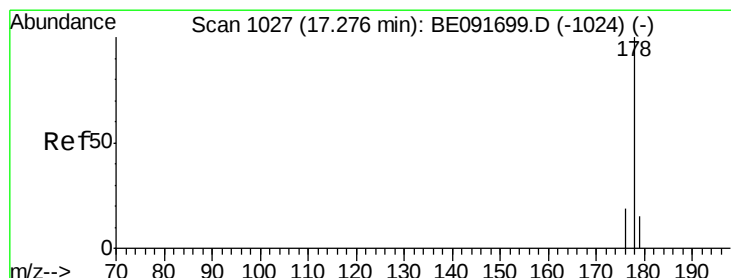
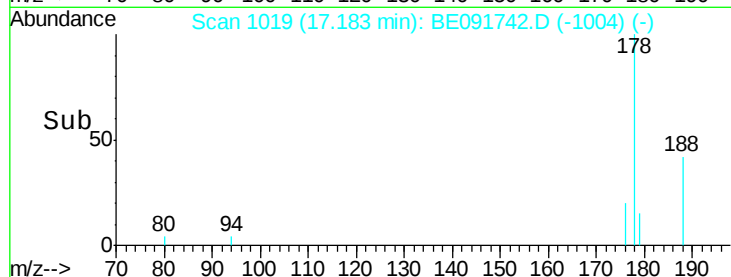
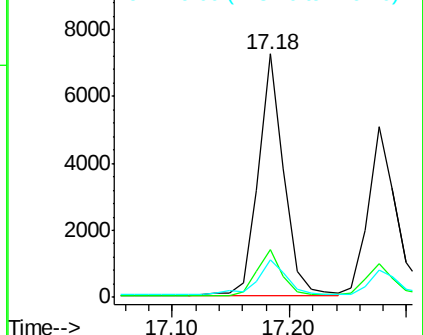
179 16.8 12.6 18.8



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: 0.15 ng

RT: 17.28 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

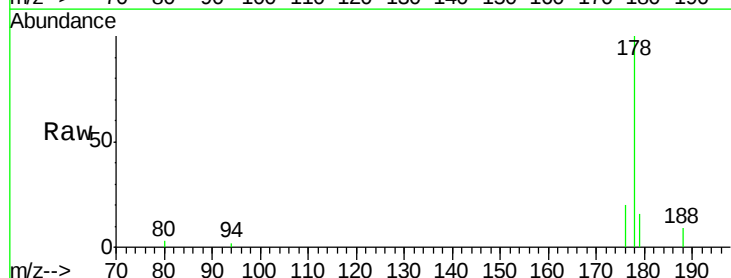
Tgt Ion:178 Resp: 8481

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

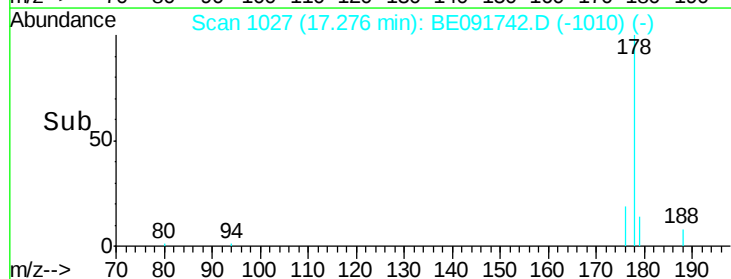
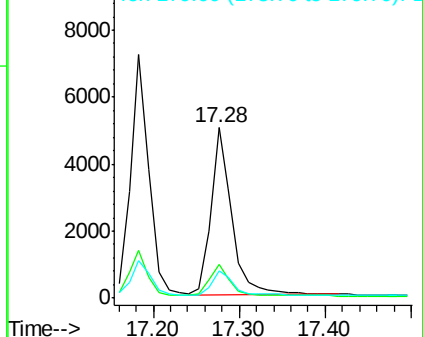
179 15.3 11.8 17.6

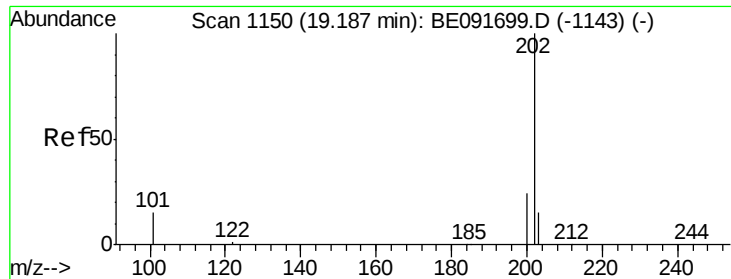


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.16 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

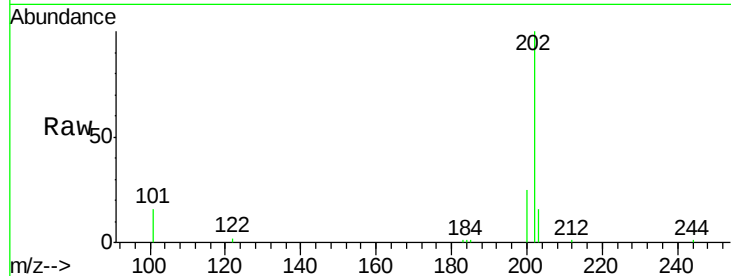
Tgt Ion:202 Resp: 10187

Ion Ratio Lower Upper

202 100

101 11.2 11.0 16.6

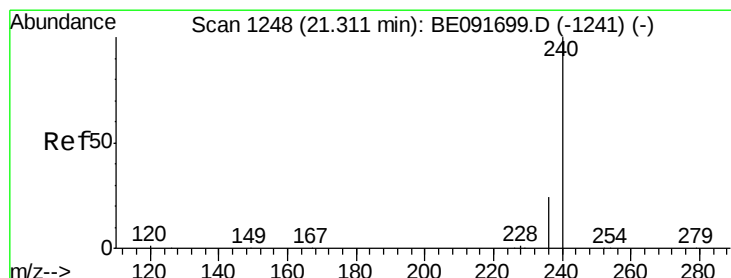
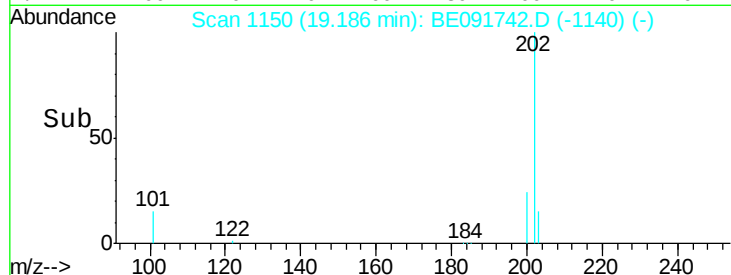
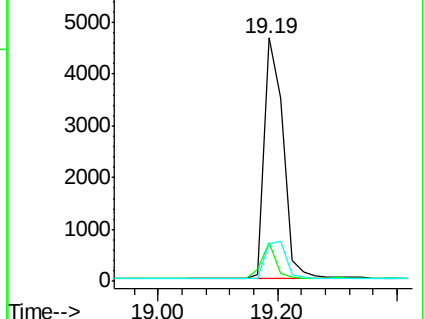
203 17.7 13.9 20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

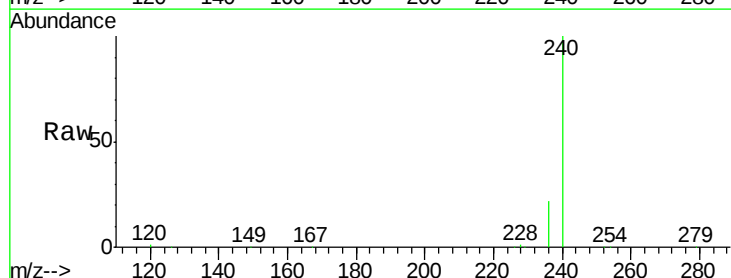
Tgt Ion:240 Resp: 287430

Ion Ratio Lower Upper

240 100

120 0.9 11.0 16.4#

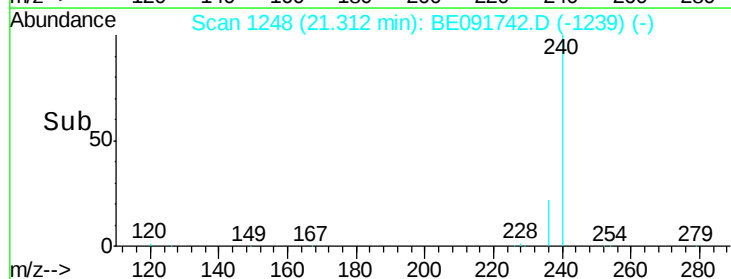
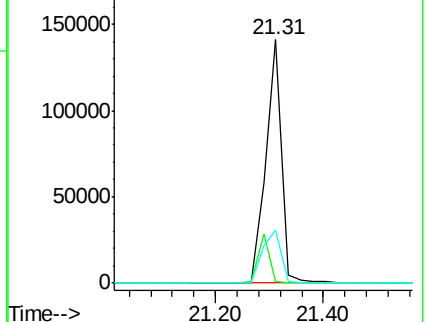
236 21.5 21.7 32.5#

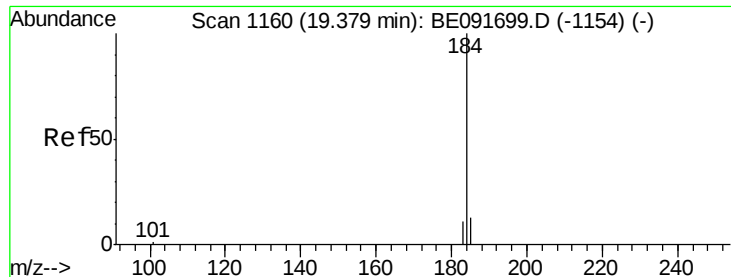


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.25 ng

RT: 19.40 min Scan# 1161

Delta R.T. 0.02 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

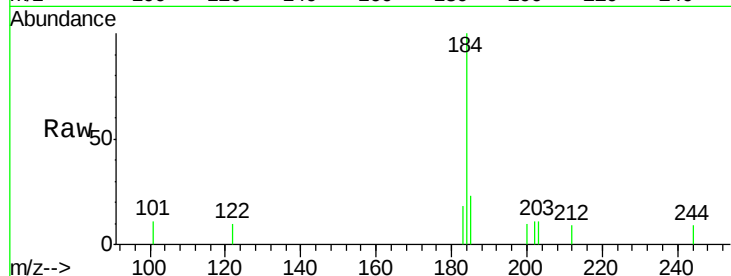
Tgt Ion:184 Resp: 1933

Ion Ratio Lower Upper

184 100

185 23.3 22.3 33.5

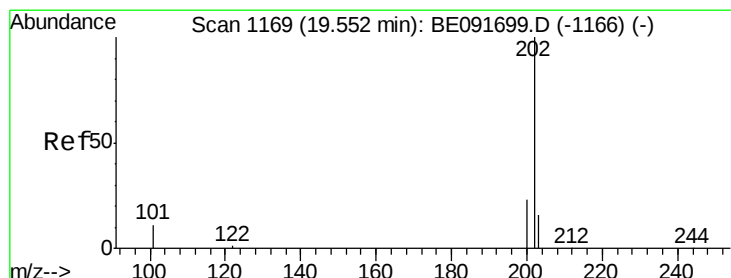
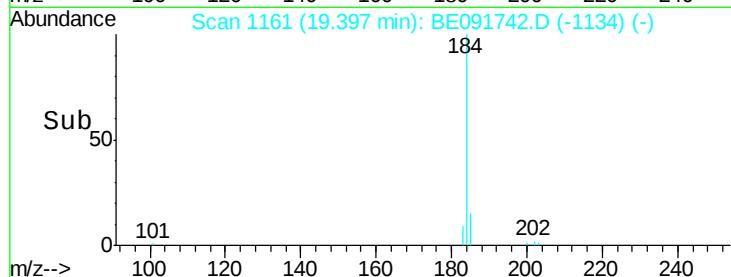
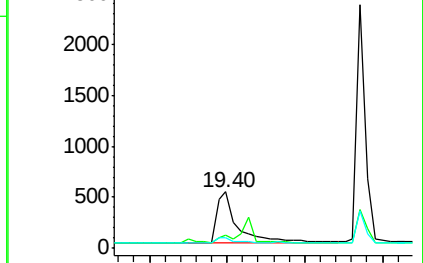
183 17.7 16.4 24.6



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



#28

Pyrene

Concen: 0.18 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

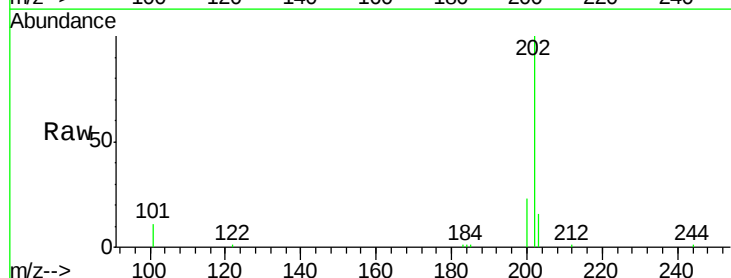
Tgt Ion:202 Resp: 11726

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

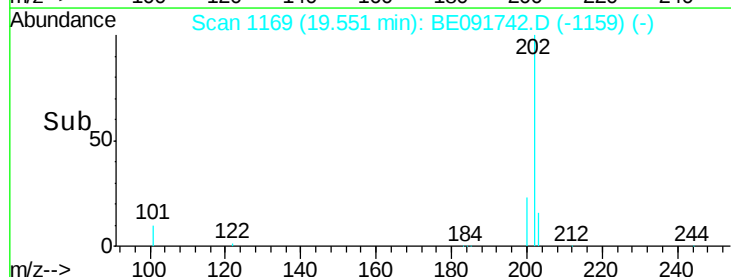
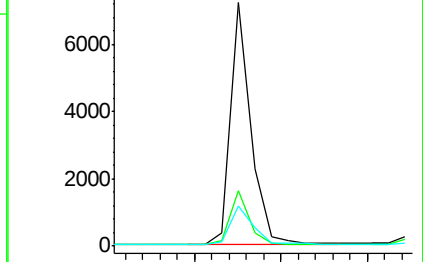
203 17.9 14.0 21.0

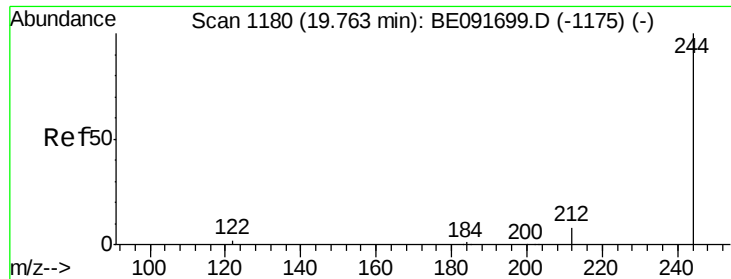


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.37 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

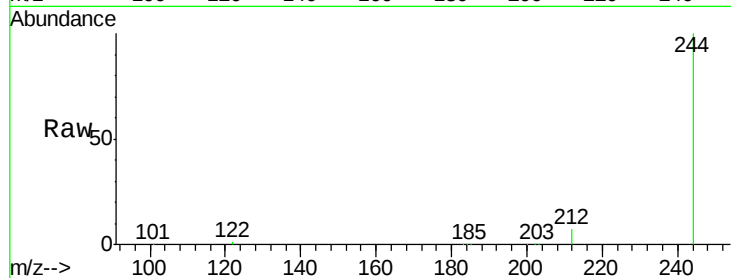
Tgt Ion:244 Resp: 195767

Ion Ratio Lower Upper

244 100

212 7.4 6.9 10.3

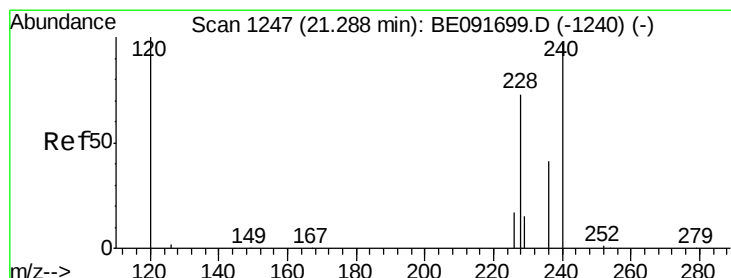
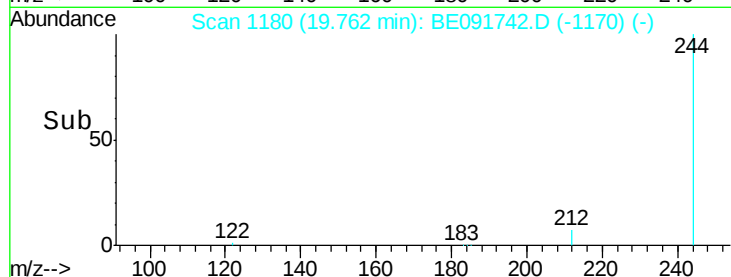
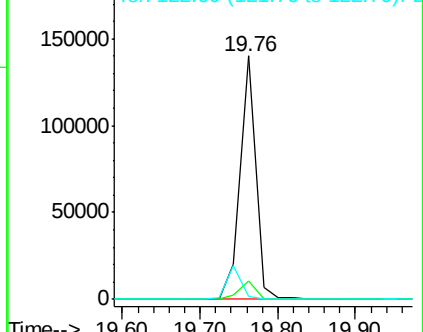
122 1.4 11.0 16.4#



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: 0.18 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

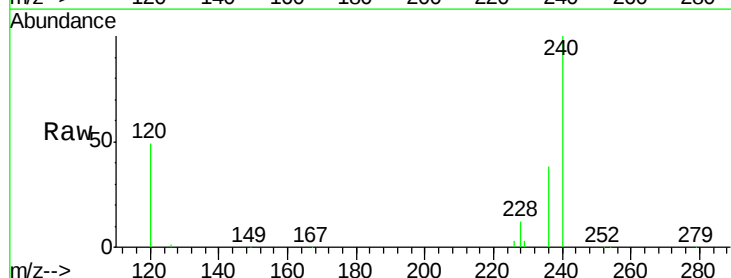
Tgt Ion:228 Resp: 12832

Ion Ratio Lower Upper

228 100

226 22.0 21.0 31.4

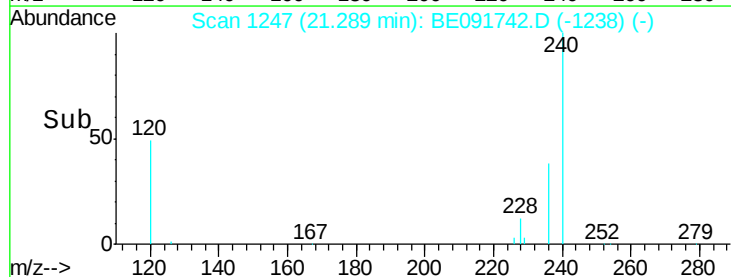
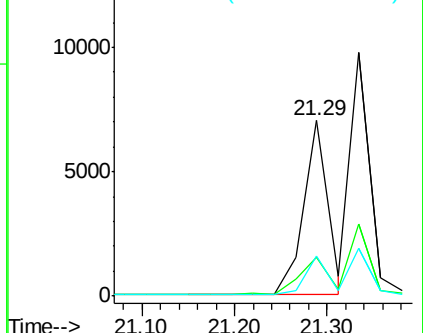
229 22.9 15.7 23.5

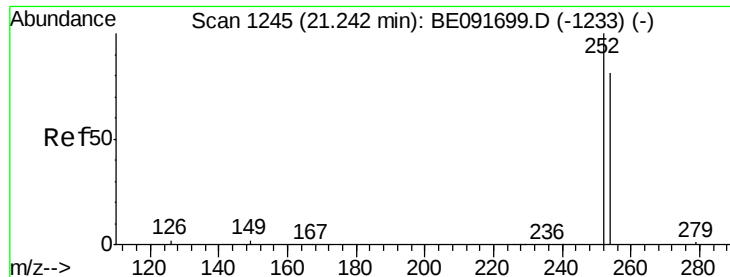


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

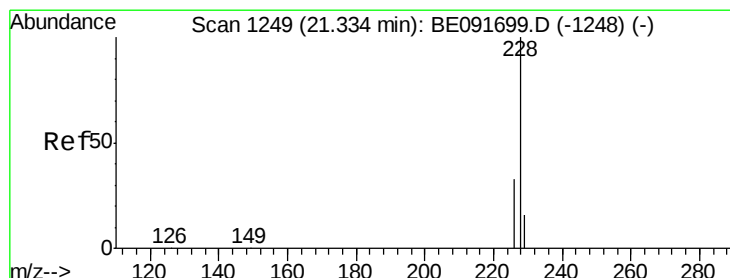
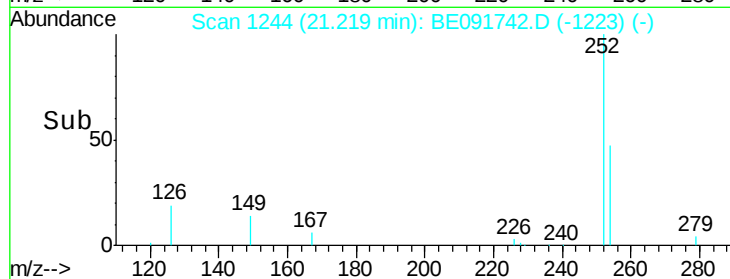
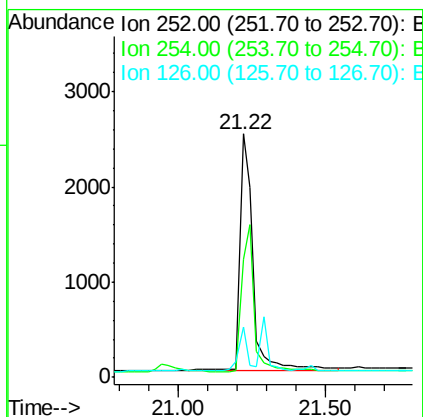
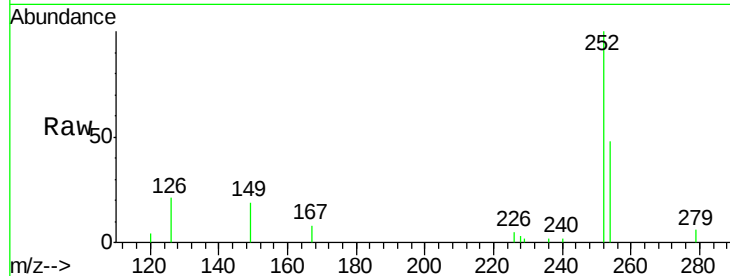




#31
 3,3'-Dichlorobenzidine
 Concen: 0.21 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091742.D
 Acq: 3 May 2016 14:16

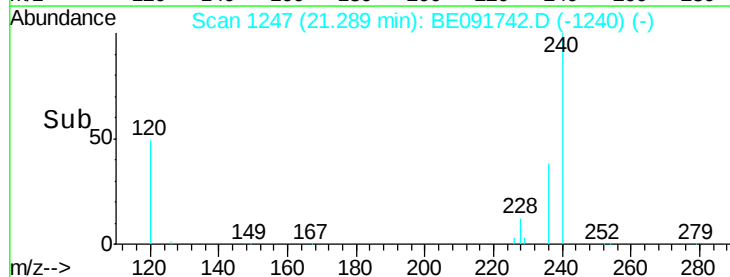
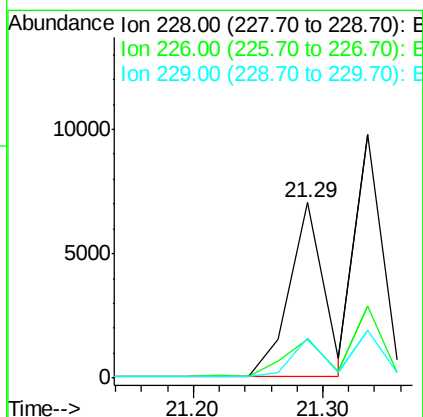
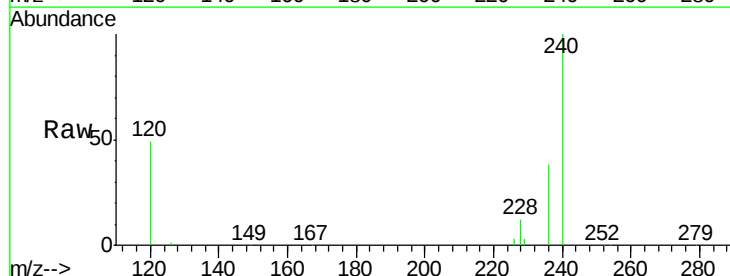
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

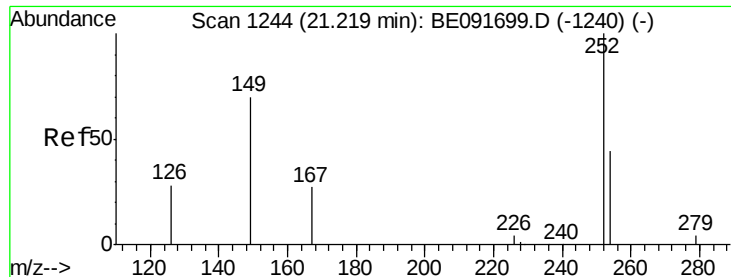
Tgt Ion: 252 Resp: 7465
 Ion Ratio Lower Upper
 252 100
 254 48.3 51.1 76.7#
 126 20.6 12.6 18.8#



#32
 Chrysene
 Concen: 0.18 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091742.D
 Acq: 3 May 2016 14:16

Tgt Ion: 228 Resp: 12832
 Ion Ratio Lower Upper
 228 100
 226 22.0 24.0 36.0#
 229 22.9 15.9 23.9

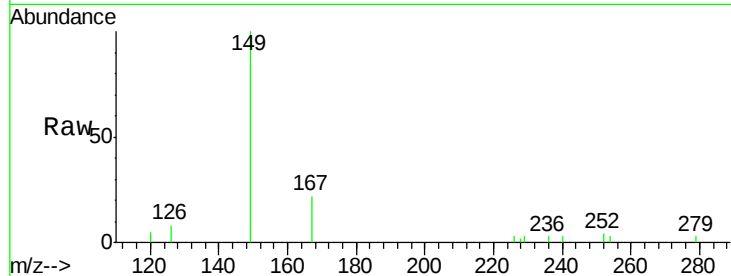




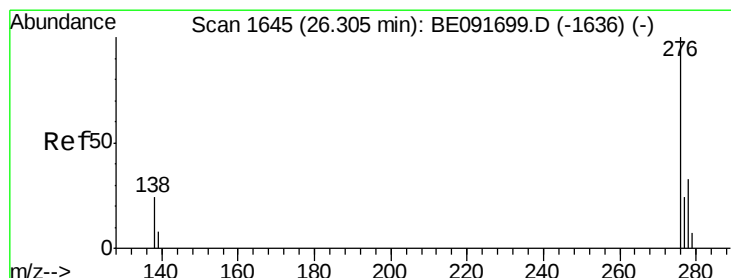
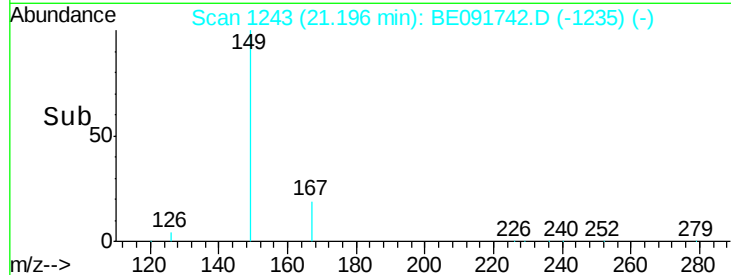
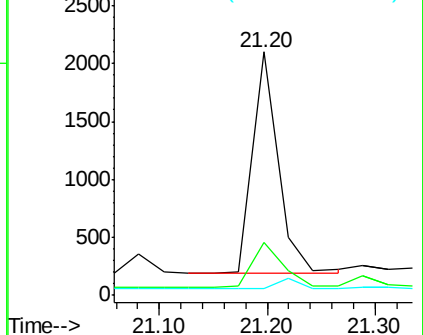
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091742.D
 Acq: 3 May 2016 14:16

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:149 Resp: 3189
 Ion Ratio Lower Upper
 149 100
 167 23.5 19.5 29.3
 279 0.0 10.0 15.0#

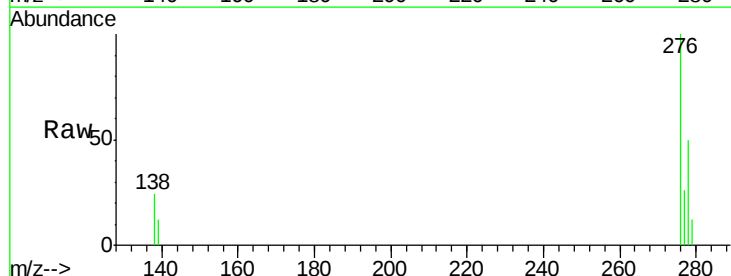


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

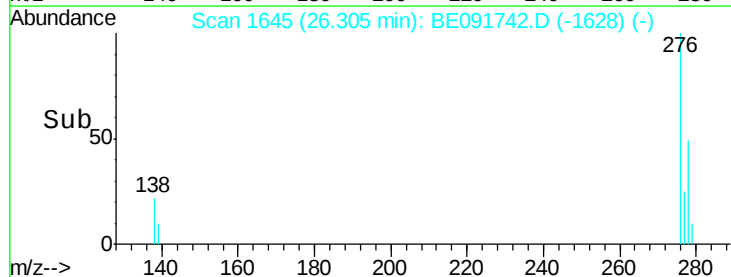
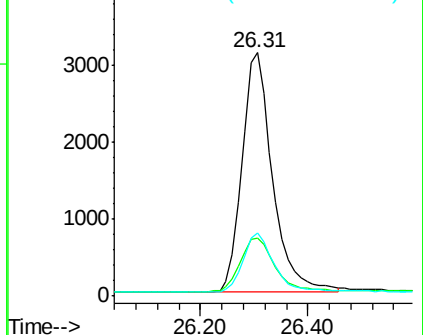


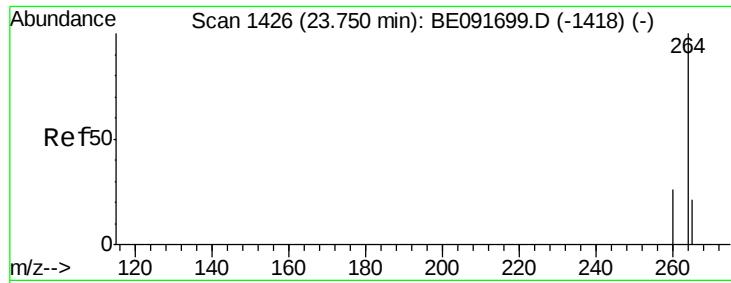
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.19 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE091742.D
 Acq: 3 May 2016 14:16

Tgt Ion:276 Resp: 12333
 Ion Ratio Lower Upper
 276 100
 138 25.0 23.4 35.2
 277 24.6 19.8 29.8



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

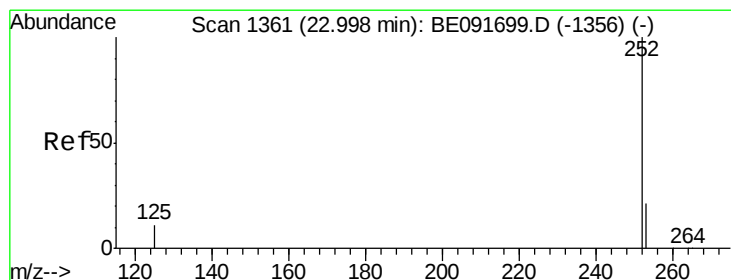
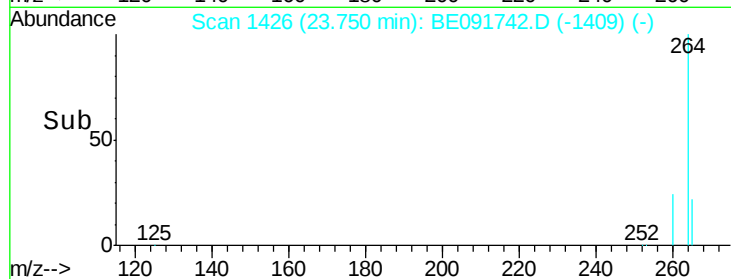
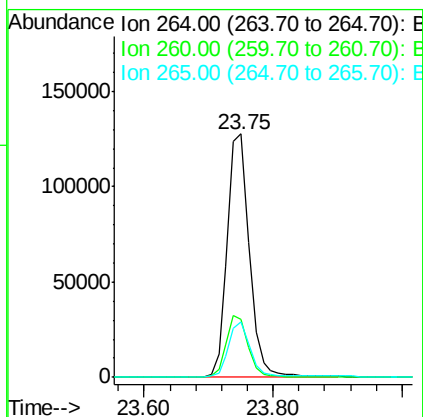
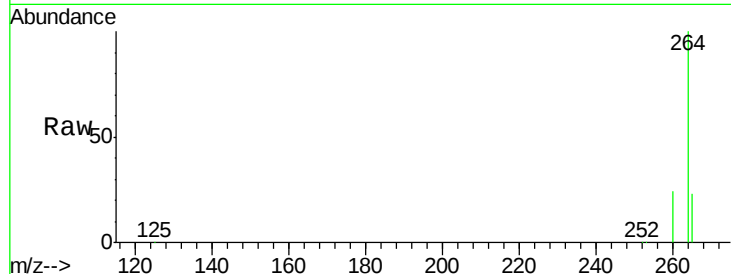




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BE091742.D
 Acq: 3 May 2016 14:16

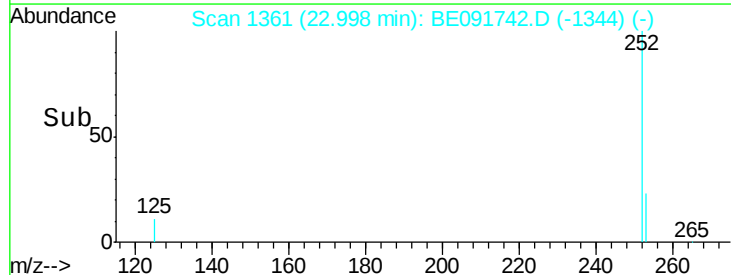
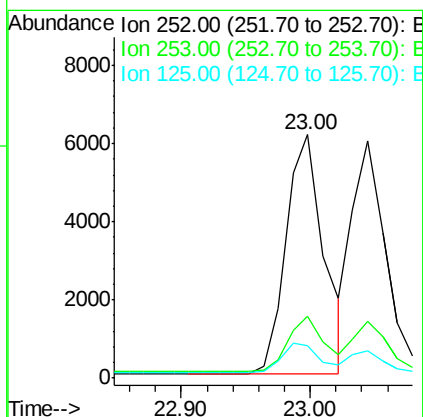
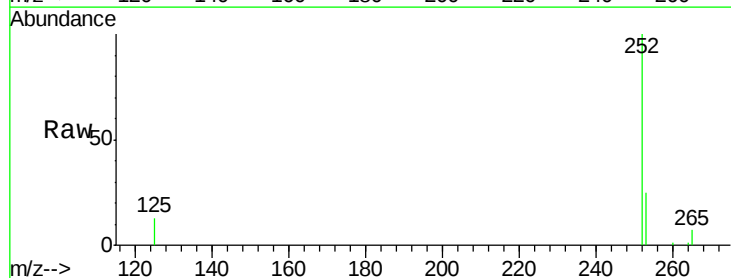
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

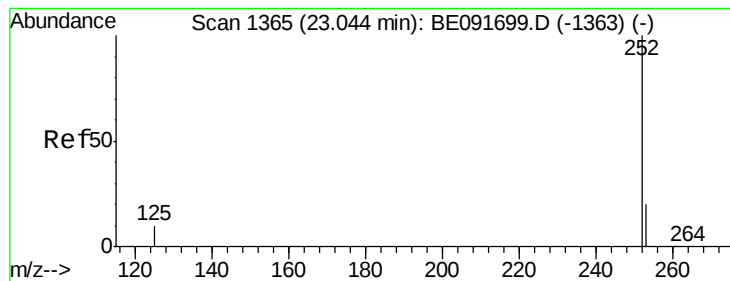
Tgt Ion:264 Resp: 304660
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.0 30.0
 265 22.7 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.18 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BE091742.D
 Acq: 3 May 2016 14:16

Tgt Ion:252 Resp: 12582
 Ion Ratio Lower Upper
 252 100
 253 25.5 17.4 26.0
 125 13.1 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.15 ng

RT: 23.04 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

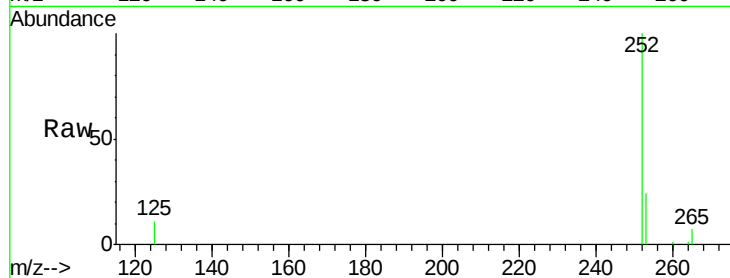
Tgt Ion:252 Resp: 11175

Ion Ratio Lower Upper

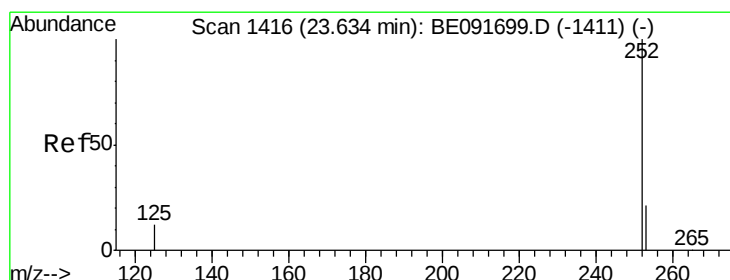
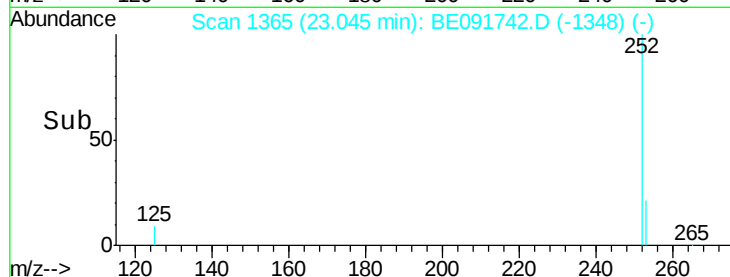
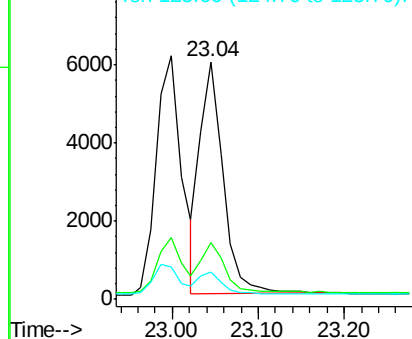
252 100

253 23.9 17.6 26.4

125 11.3 9.9 14.9



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

Benzo(a)pyrene

Concen: 0.16 ng

RT: 23.63 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

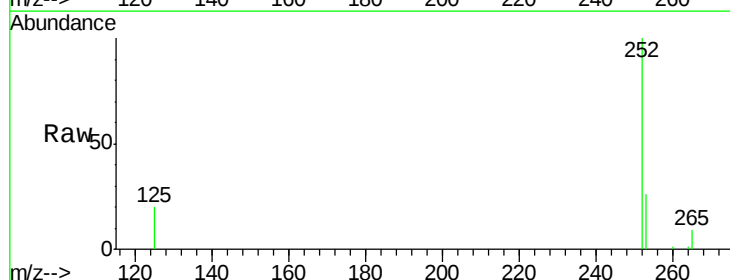
Tgt Ion:252 Resp: 10835

Ion Ratio Lower Upper

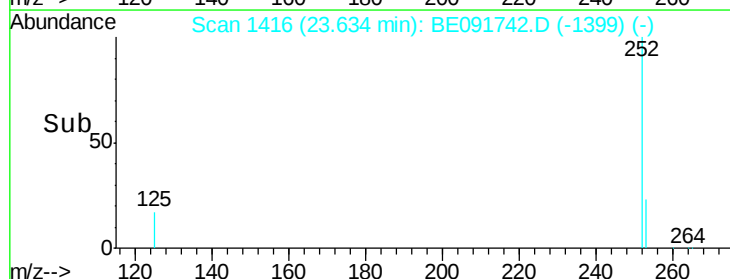
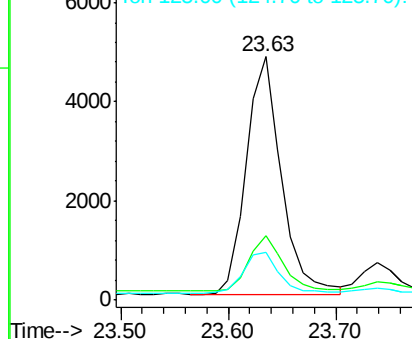
252 100

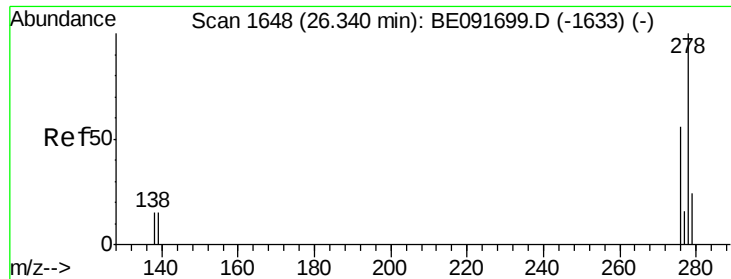
253 26.3 18.1 27.1

125 19.8 11.0 16.4#



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

Dibenzo(a,h)anthracene

Concen: 0.16 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

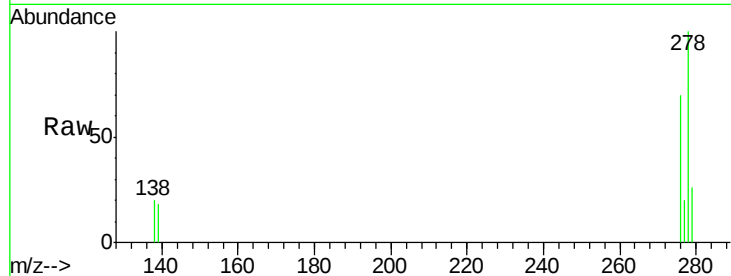
Tgt Ion: 278 Resp: 9907

Ion Ratio Lower Upper

278 100

139 17.6 16.0 24.0

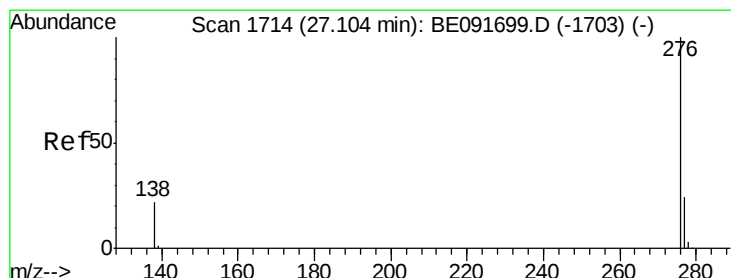
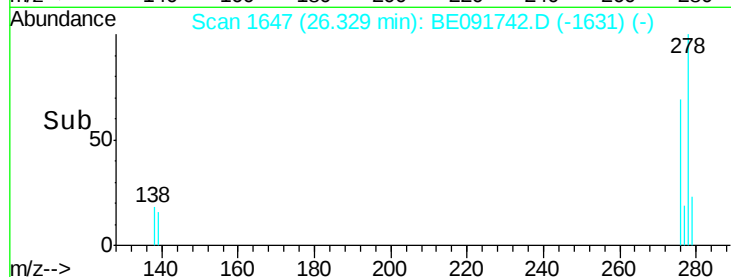
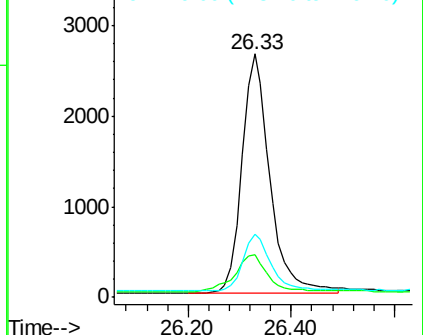
279 25.8 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 0.16 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091742.D

Acq: 3 May 2016 14:16

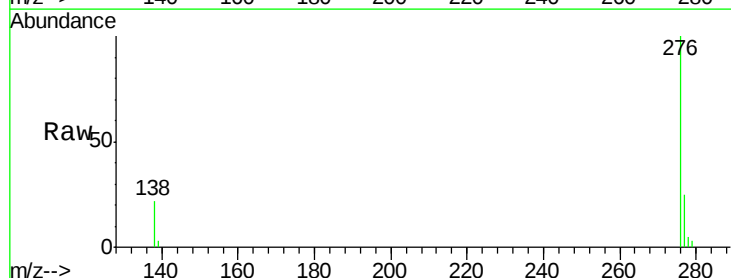
Tgt Ion: 276 Resp: 10289

Ion Ratio Lower Upper

276 100

277 25.0 18.6 28.0

138 22.4 20.4 30.6



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

