

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
 Data File : BE091729.D
 Acq On : 27 Apr 2016 16:54
 Operator : UM/SJ
 Sample : H1824-06
 Misc : L00 2 PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Apr 28 03:13:23 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	36333	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	159347	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	90381	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	239843	5.00	ng	0.00
26) Chrysene-d12	21.31	240	281881	5.00	ng	0.00
35) Perylene-d12	23.75	264	276769	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	66357	7.43	ng	0.00
5) Phenol-d6	6.95	99	88811	7.50	ng	0.00
8) Nitrobenzene-d5	8.95	82	37714	3.67	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	26149	7.78	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	104646	4.09	ng	0.00
29) Terphenyl-d14	19.76	244	177368	4.04	ng	0.00

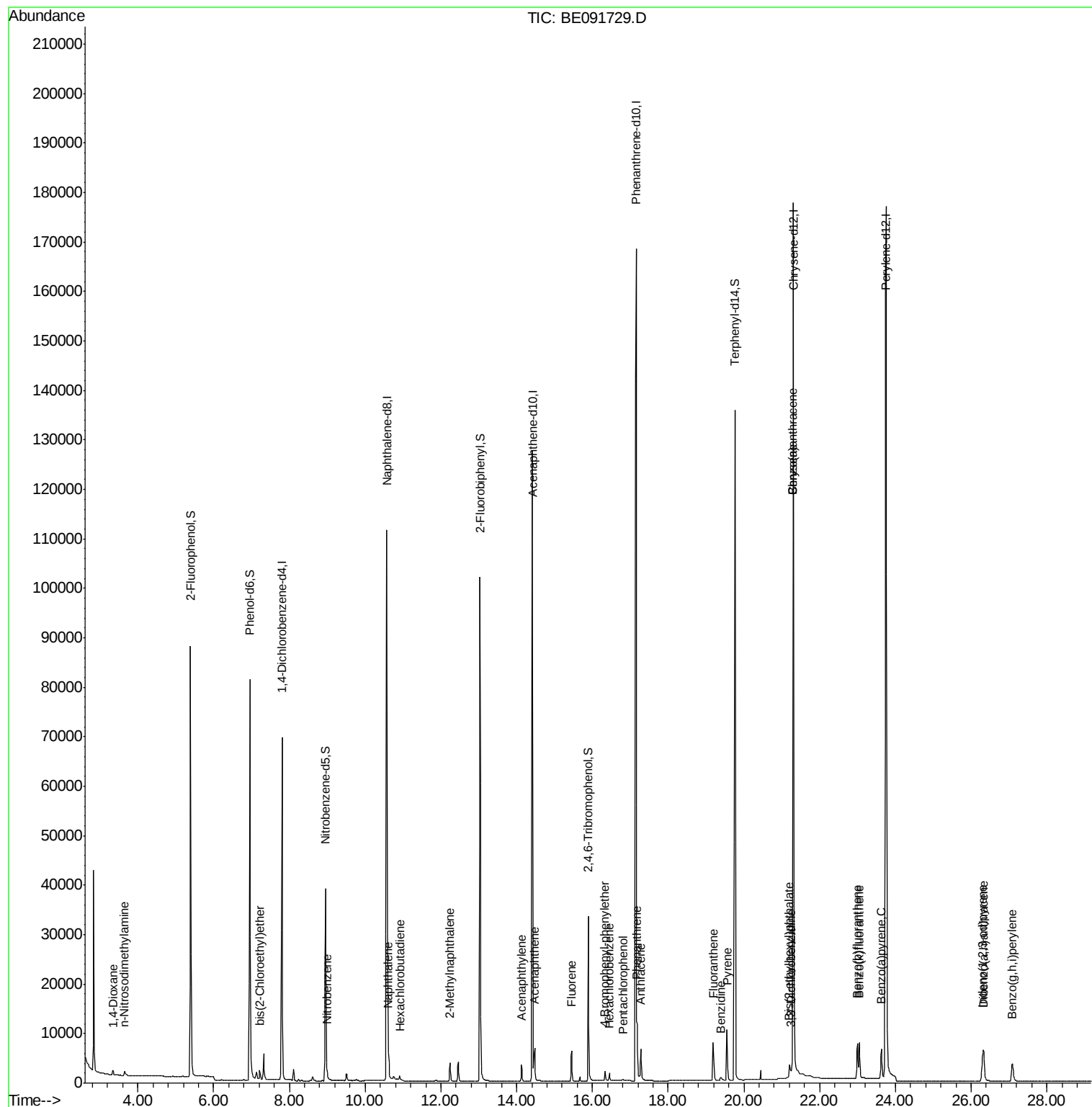
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	936	0.12	ng	88
3) n-Nitrosodimethylamine	3.64	42	912	0.14	ng	# 92
6) bis(2-Chloroethyl)ether	7.21	93	1563	0.15	ng	# 75
9) Nitrobenzene	8.99	77	1825	0.17	ng	# 97
10) Naphthalene	10.61	128	5402	0.17	ng	# 95
11) Hexachlorobutadiene	10.92	225	1226	0.26	ng	# 79
12) 2-Methylnaphthalene	12.24	142	3374	0.16	ng	99
16) Acenaphthylene	14.12	152	5937	0.17	ng	# 58
17) Acenaphthene	14.47	154	3583	0.16	ng	85
18) Fluorene	15.46	166	4531	0.16	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	1337	0.15	ng	95
21) Hexachlorobenzene	16.45	284	1404	0.16	ng	96
22) Pentachlorophenol	16.81	266	398	0.18	ng	94
23) Phenanthrene	17.18	178	9800	0.18	ng	98
24) Anthracene	17.28	178	7817	0.16	ng	99
25) Fluoranthene	19.19	202	9742	0.17	ng	# 96
27) Benzidine	19.40	184	1908	0.25	ng	94
28) Pyrene	19.55	202	10788	0.17	ng	100
30) Benzo(a)anthracene	21.29	228	11518	0.17	ng	93
31) 3,3'-Dichlorobenzidine	21.24	252	1901	0.05	ng	88
32) Chrysene	21.29	228	11504	0.16	ng	# 90
33) Bis(2-ethylhexyl)phthalate	21.20	149	5341	0.26	ng	# 78
34) Indeno(1,2,3-cd)pyrene	26.31	276	10724	0.17	ng	97
36) Benzo(b)fluoranthene	23.00	252	11189	0.17	ng	95
37) Benzo(k)fluoranthene	23.04	252	10232	0.16	ng	96
38) Benzo(a)pyrene	23.63	252	9681	0.16	ng	95
39) Dibenzo(a,h)anthracene	26.33	278	8870	0.15	ng	97
40) Benzo(g,h,i)perylene	27.09	276	9315	0.16	ng	96

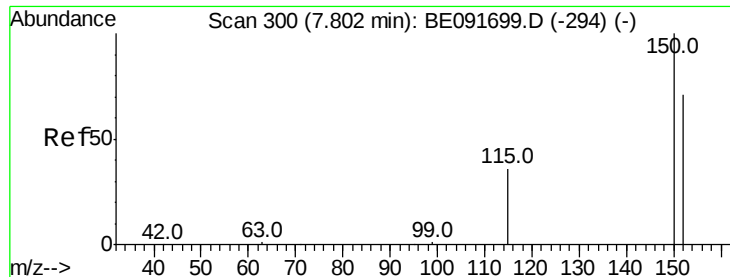
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

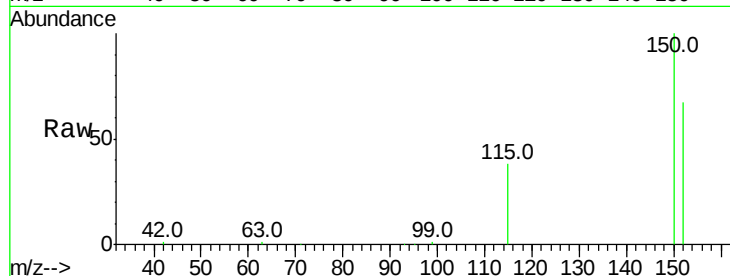
Tot Ion:152 Resp: 36333

Ion Ratio Lower Upper

152 100

150 149.0 122.6 183.8

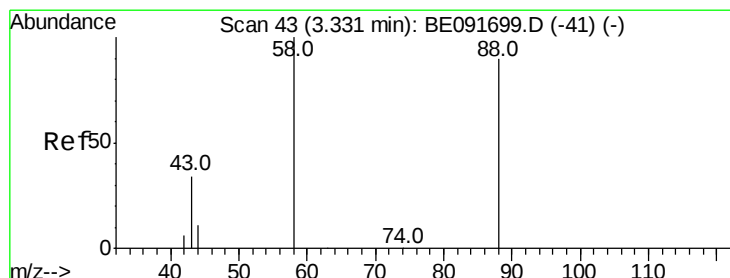
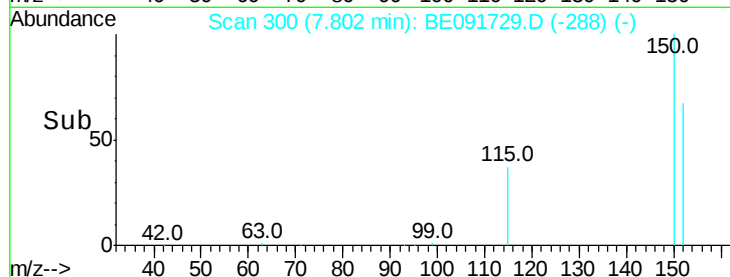
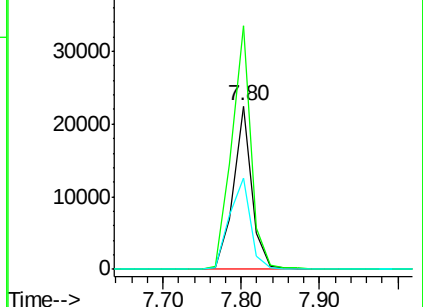
115 55.9 52.8 79.2



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: 0.12 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

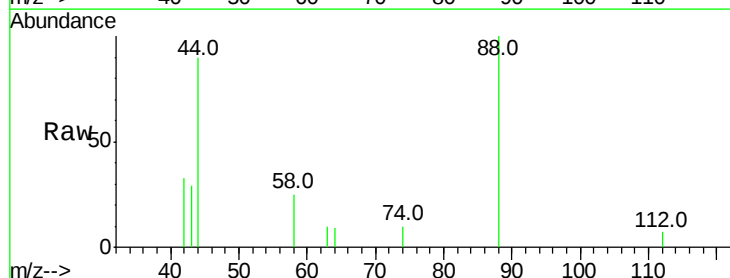
Tgt Ion: 88 Resp: 936

Ion Ratio Lower Upper

88 100

58 67.8 65.8 98.6

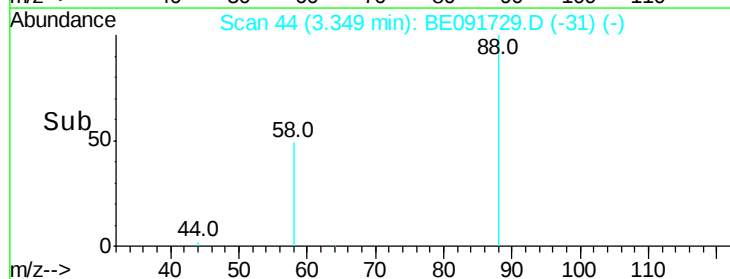
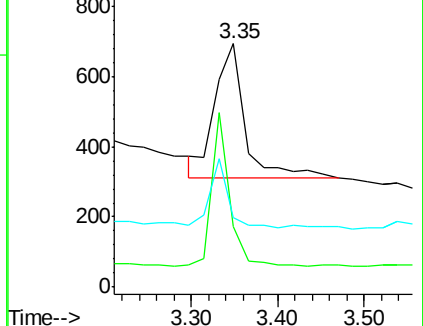
43 32.2 25.3 37.9

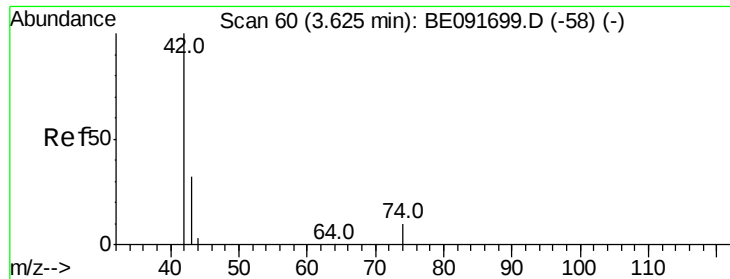


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.14 ng

RT: 3.64 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

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ClientSampleId :

LOQ-WATER2016-02

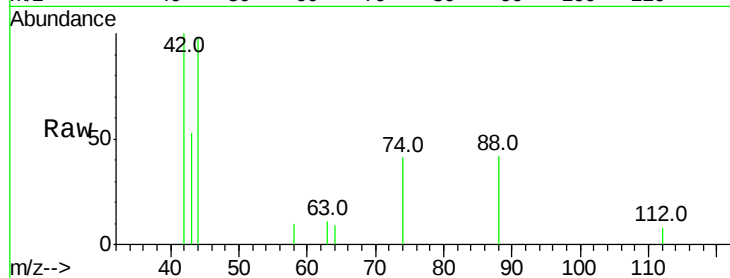
Tot Ion: 42 Resp: 912

Ion Ratio Lower Upper

42 100

74 104.2 87.9 131.9

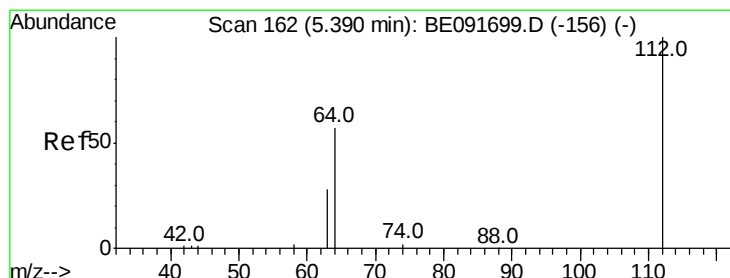
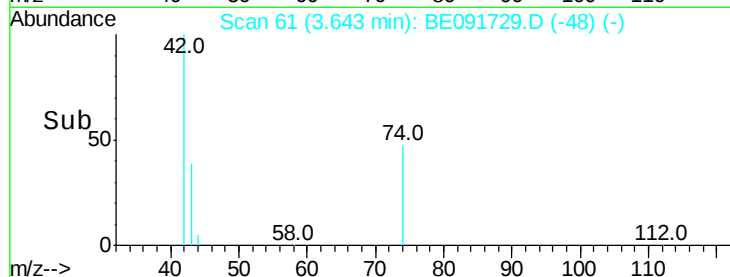
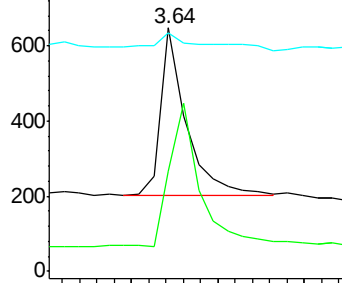
44 21.1 6.6 9.8#



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: 7.43 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

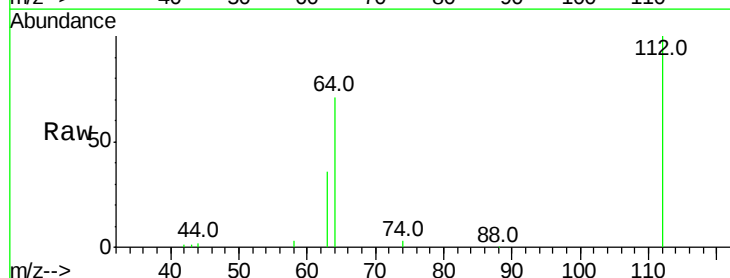
Tgt Ion: 112 Resp: 66357

Ion Ratio Lower Upper

112 100

64 67.5 30.9 46.3#

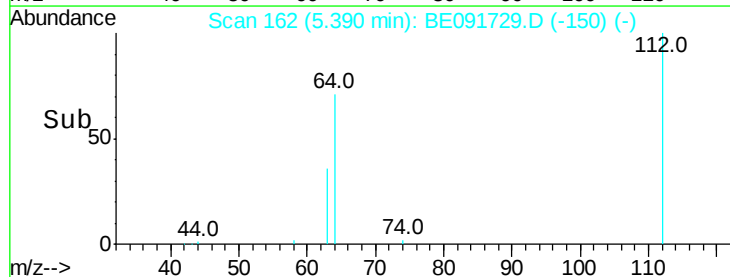
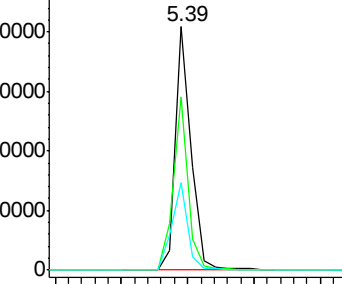
63 36.2 16.7 25.1#

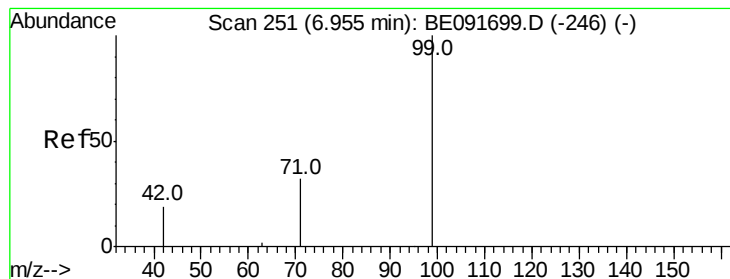


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.50 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

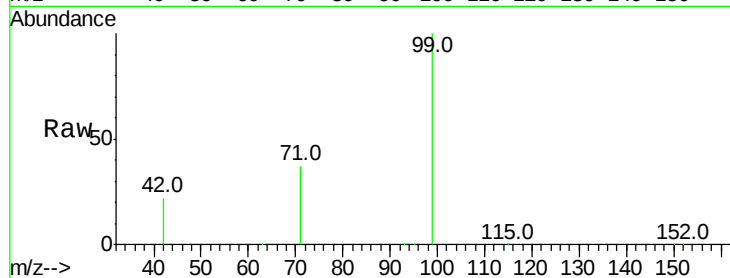
Tot Ion: 99 Resp: 88811

Ion Ratio Lower Upper

99 100

42 25.0 16.2 24.2#

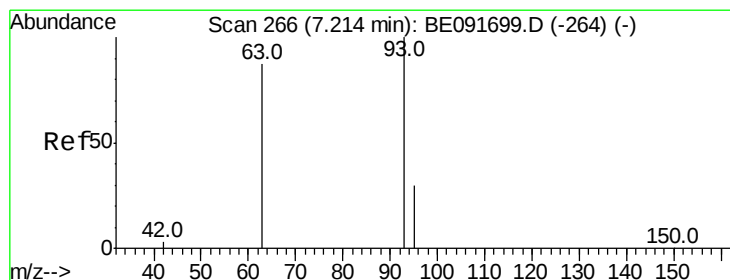
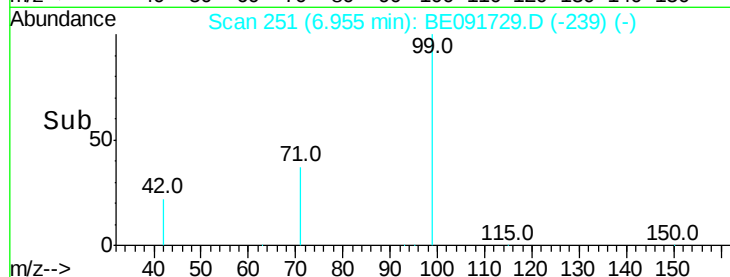
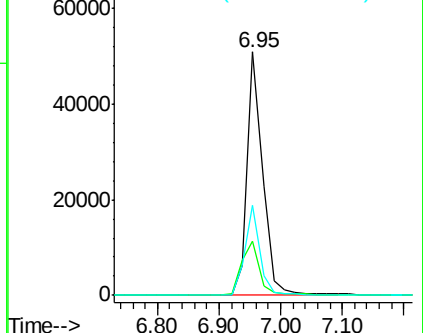
71 35.8 29.0 43.4



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: BE091729.D

Acq: 27 Apr 2016 16:54

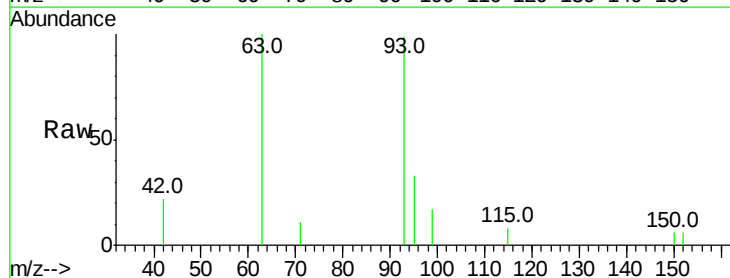
Tgt Ion: 93 Resp: 1563

Ion Ratio Lower Upper

93 100

63 87.0 49.5 74.3#

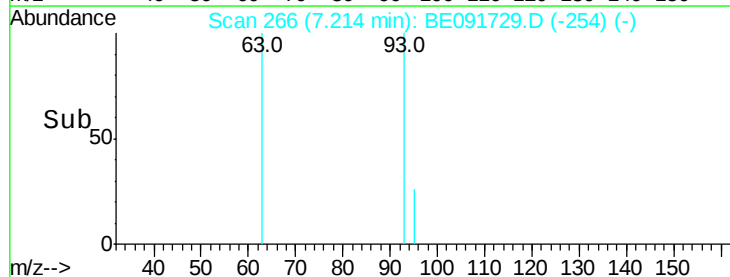
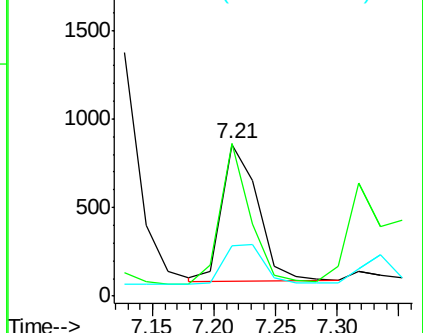
95 32.1 22.2 33.4

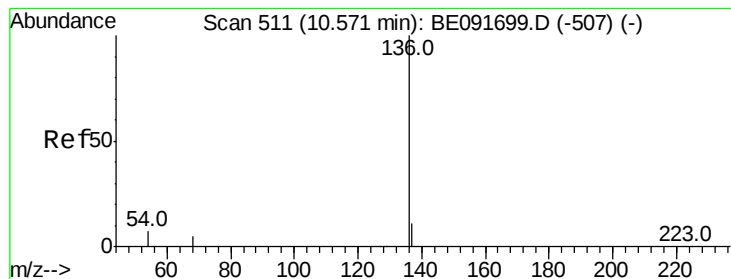


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:136 Resp: 159347

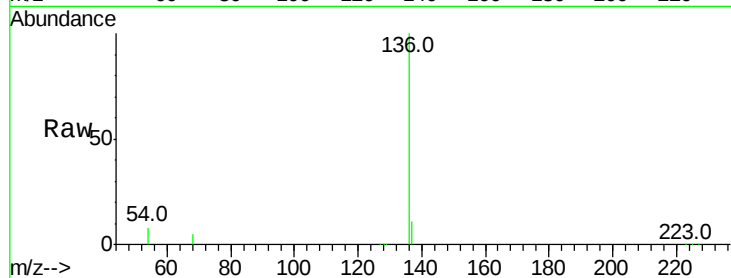
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 8.2 12.4#

68 5.5 6.2 9.4#

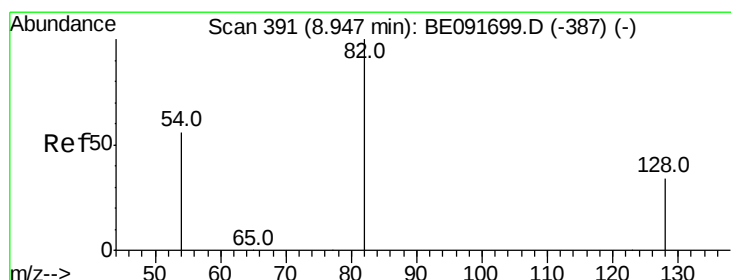
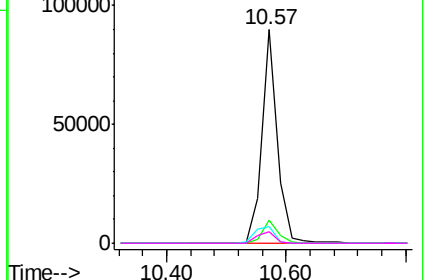
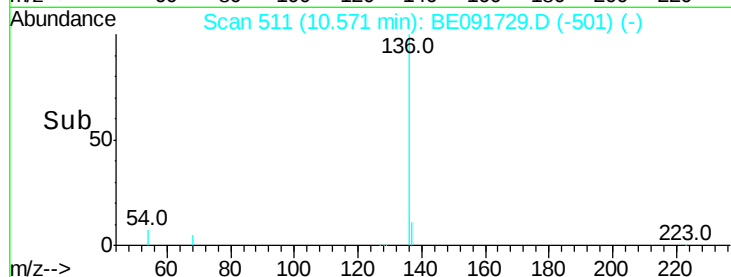


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 3.67 ng

RT: 8.95 min Scan# 391

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

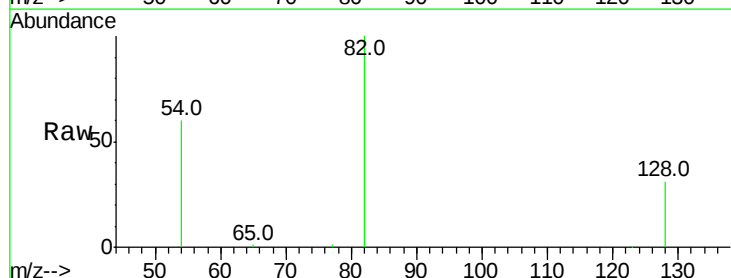
Tgt Ion: 82 Resp: 37714

Ion Ratio Lower Upper

82 100

128 31.3 25.4 38.0

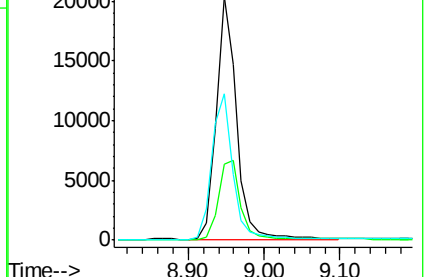
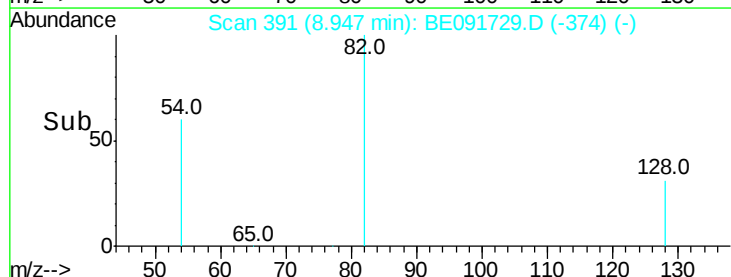
54 59.9 48.4 72.6

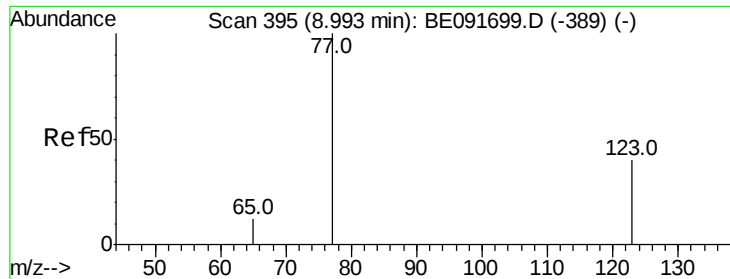


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.17 ng

RT: 8.99 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

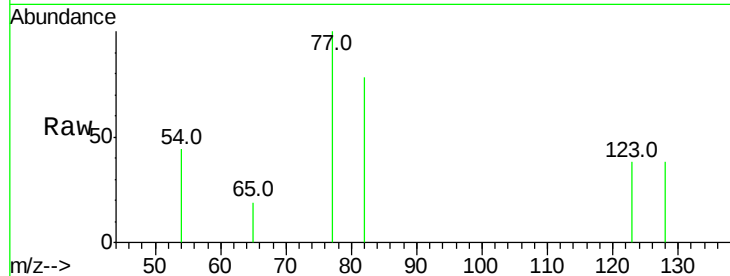
Tot Ion: 77 Resp: 1825

Ion Ratio Lower Upper

77 100

123 33.4 26.9 40.3

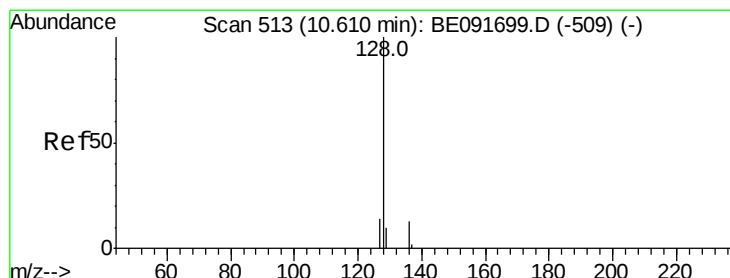
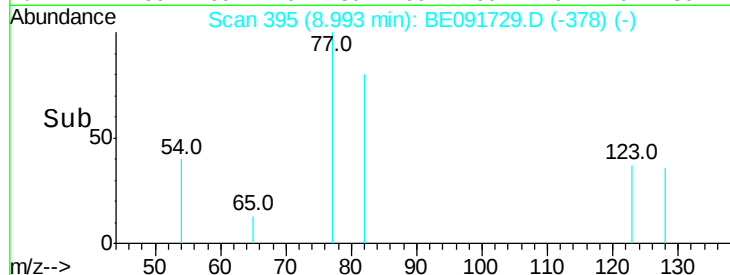
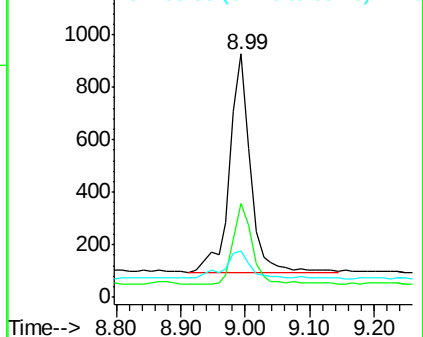
65 15.8 9.4 14.2#



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: BE091729.D

Acq: 27 Apr 2016 16:54

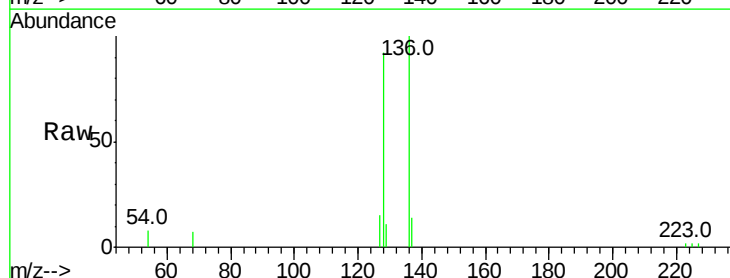
Tgt Ion: 128 Resp: 5402

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

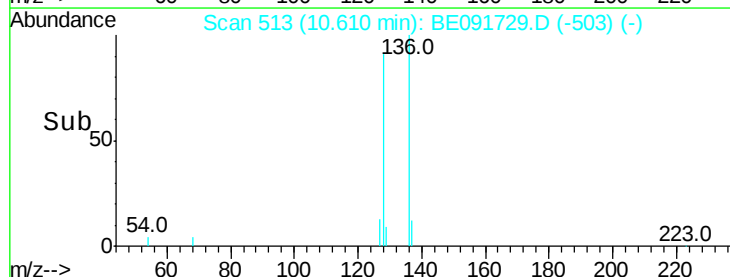
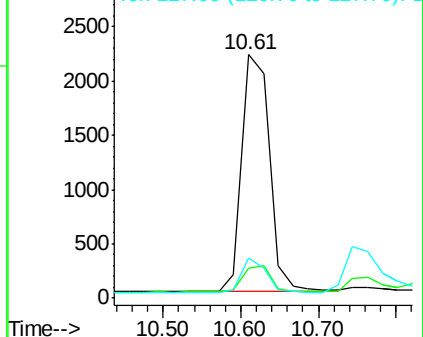
127 16.5 10.7 16.1#

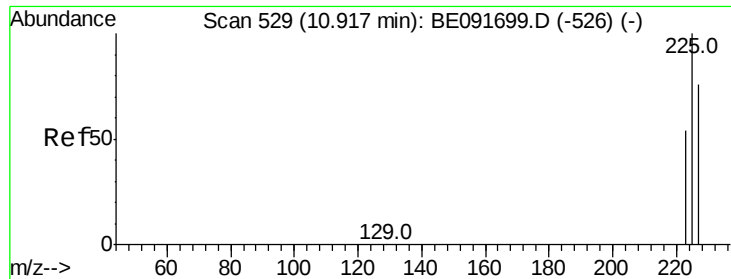


Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

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

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

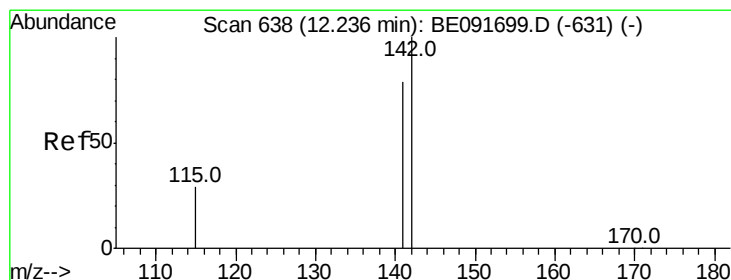
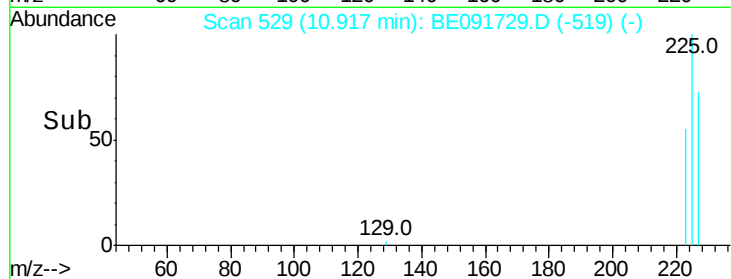
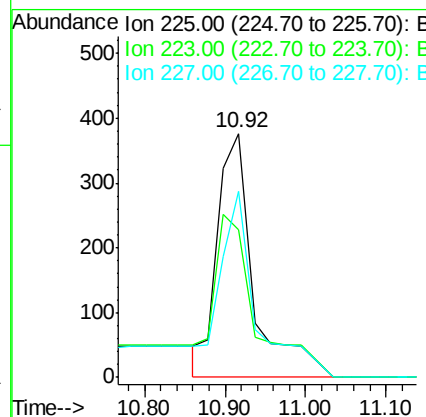
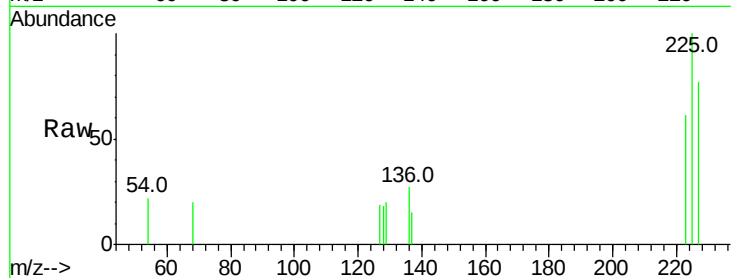




#11
Hexachlorobutadiene
Concen: 0.26 ng
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091729.D
Acq: 27 Apr 2016 16:54

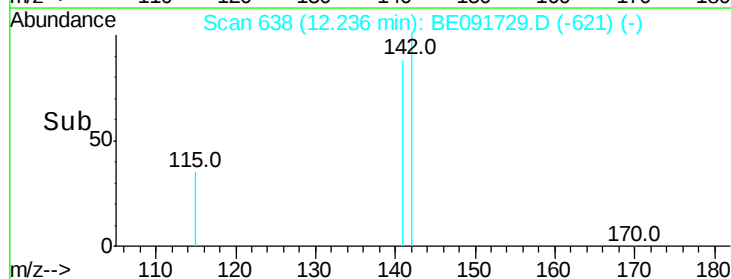
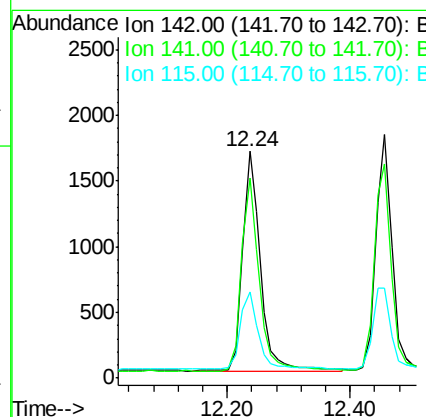
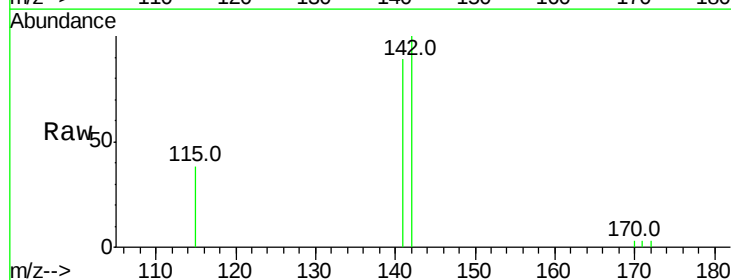
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

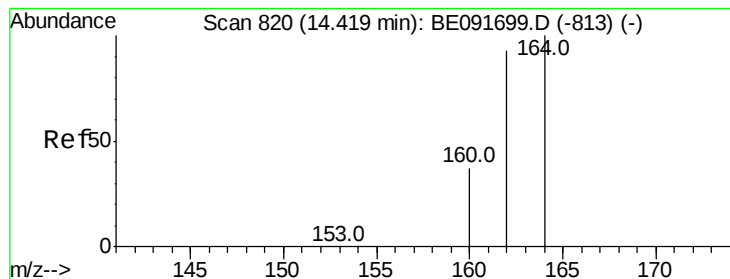
Tot Ion:225 Resp: 1226
Ion Ratio Lower Upper
225 100
223 81.1 49.0 73.6#
227 75.7 50.3 75.5#



#12
2-Methylnaphthalene
Concen: 0.16 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091729.D
Acq: 27 Apr 2016 16:54

Tgt Ion:142 Resp: 3374
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0
115 38.2 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

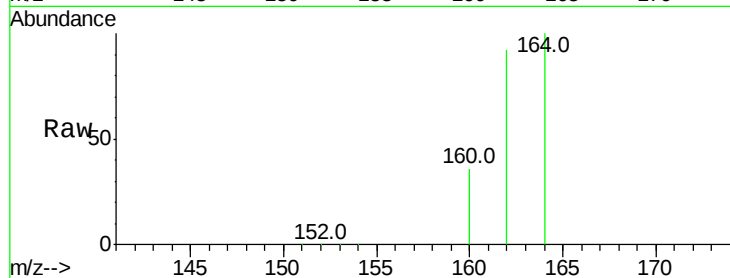
Tot Ion:164 Resp: 90381

Ion Ratio Lower Upper

164 100

162 91.5 85.3 127.9

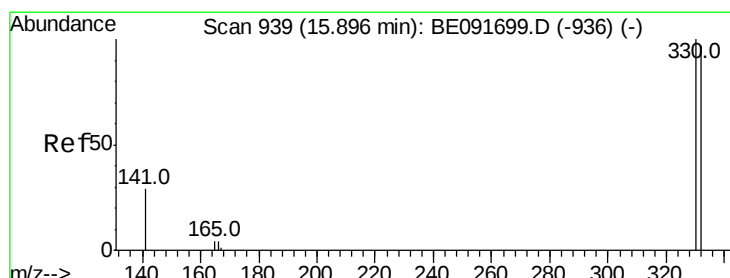
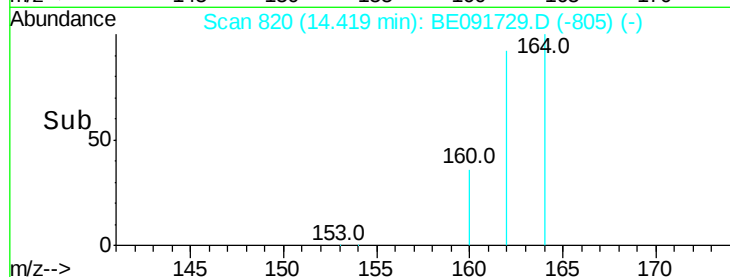
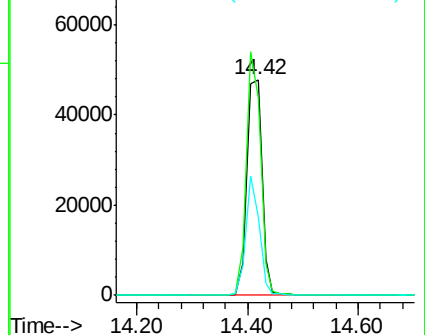
160 36.5 46.2 69.2#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 7.78 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

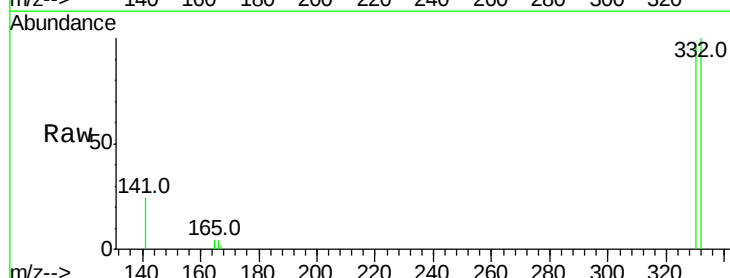
Tgt Ion:330 Resp: 26149

Ion Ratio Lower Upper

330 100

332 97.2 79.1 118.7

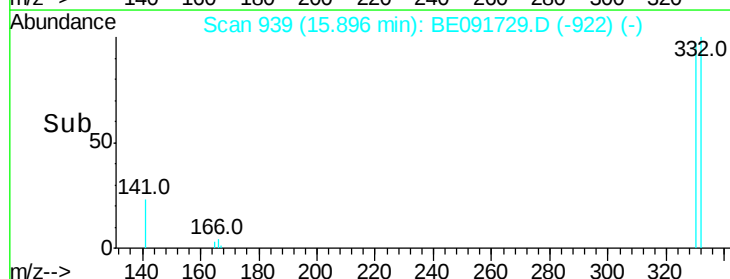
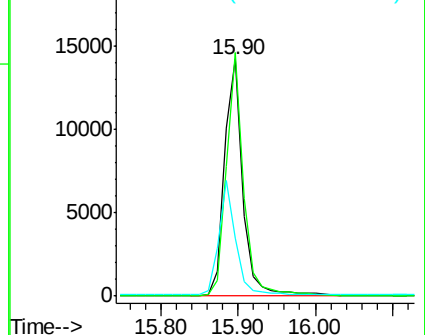
141 39.9 125.4 188.0#



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

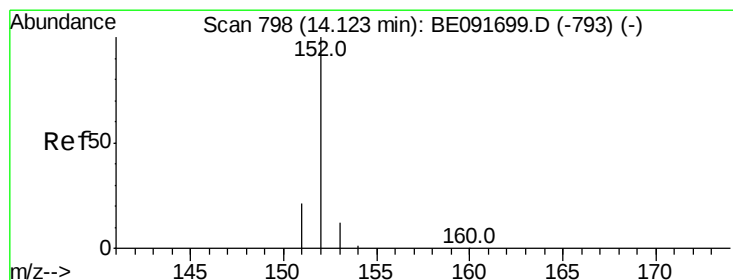
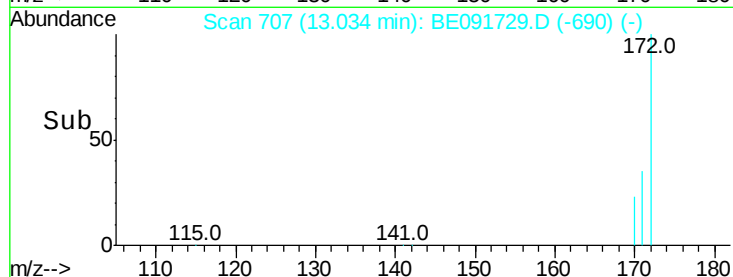
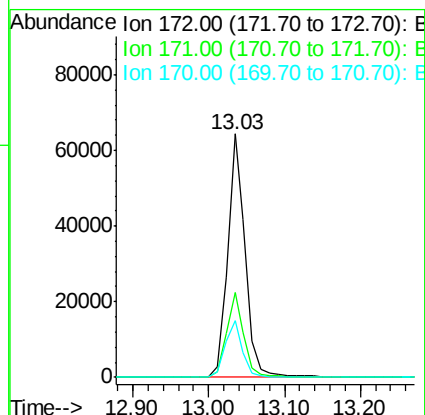
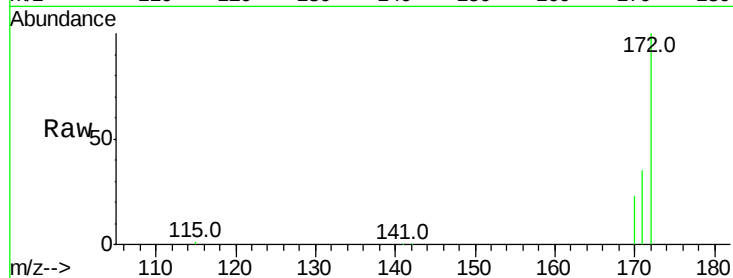




#15
2-Fluorobiphenyl
Concen: 4.09 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091729.D
Acq: 27 Apr 2016 16:54

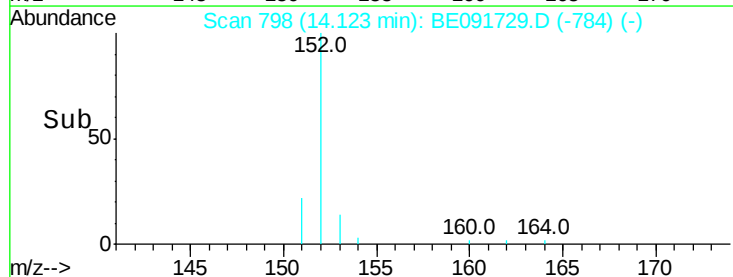
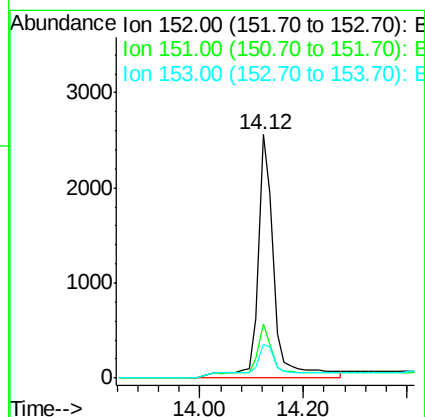
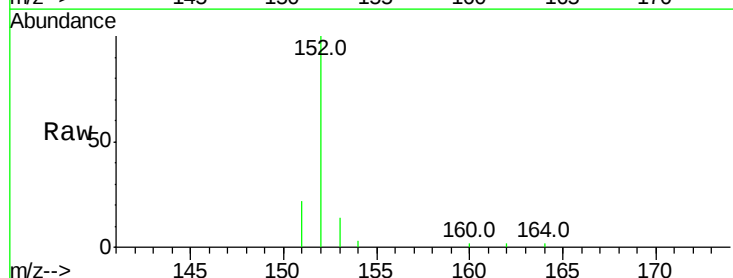
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:172 Resp: 104646
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.3 19.3 28.9



#16
Acenaphthylene
Concen: 0.17 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091729.D
Acq: 27 Apr 2016 16:54

Tgt Ion:152 Resp: 5937
Ion Ratio Lower Upper
152 100
151 30.0 3.9 5.9#
153 24.2 10.3 15.5#

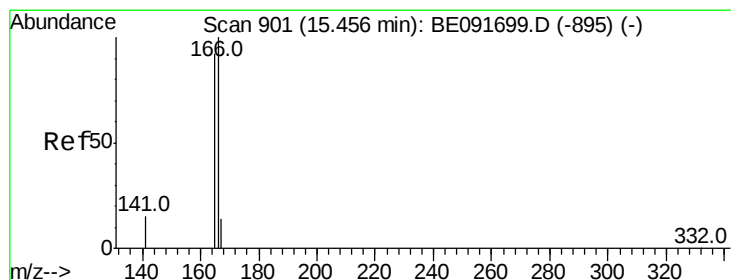
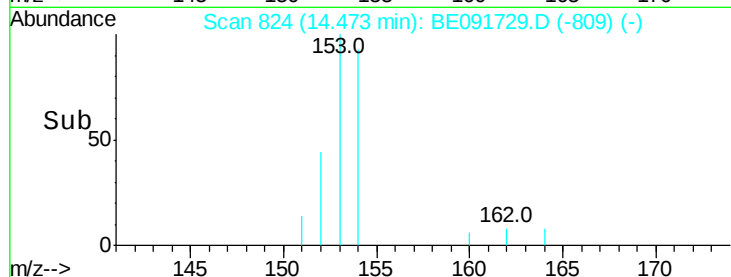
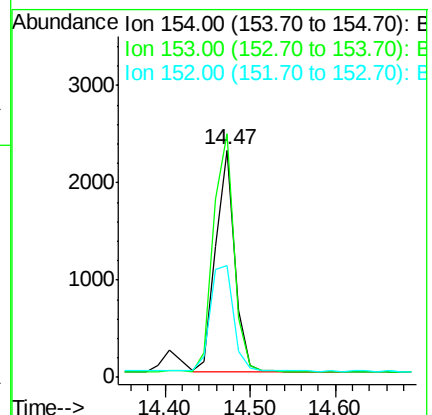
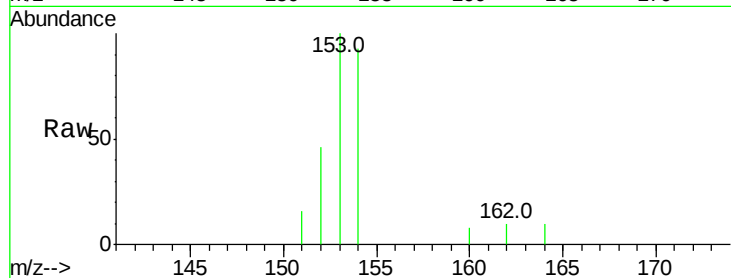




#17
Acenaphthene
Concen: 0.16 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091729.D
Acq: 27 Apr 2016 16:54

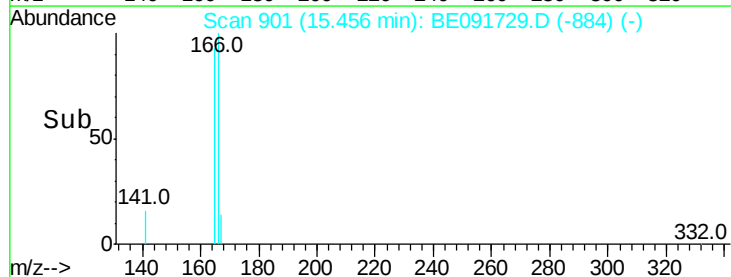
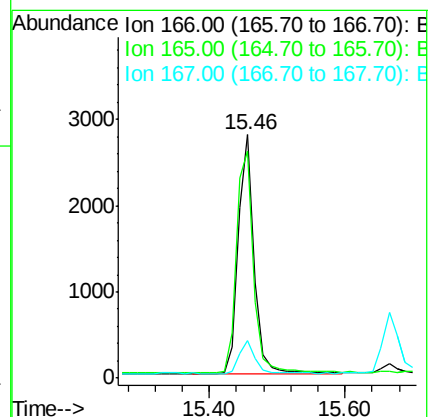
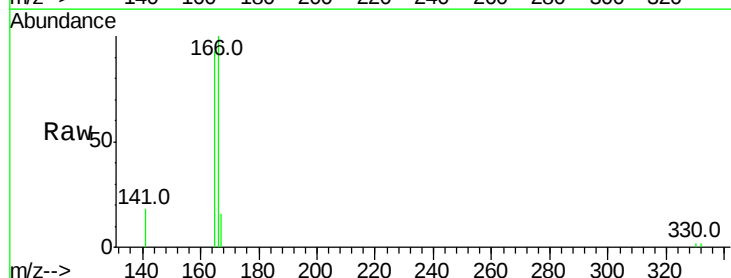
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

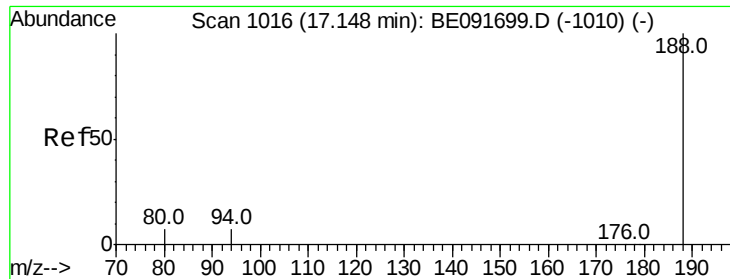
Tot Ion:154 Resp: 3583
Ion Ratio Lower Upper
154 100
153 116.3 80.0 120.0
152 58.2 40.0 60.0



#18
Fluorene
Concen: 0.16 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091729.D
Acq: 27 Apr 2016 16:54

Tgt Ion:166 Resp: 4531
Ion Ratio Lower Upper
166 100
165 100.9 80.8 121.2
167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

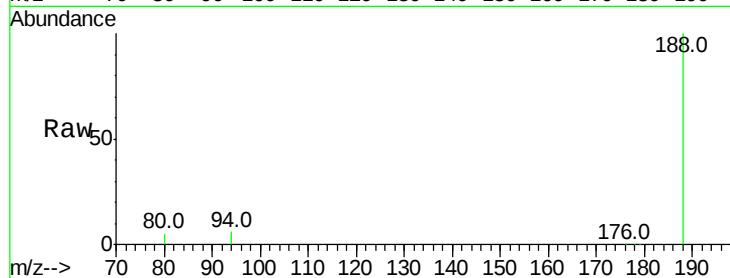
Tot Ion:188 Resp: 239843

Ion Ratio Lower Upper

188 100

94 5.8 8.7 13.1#

80 5.1 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

200000

150000

100000

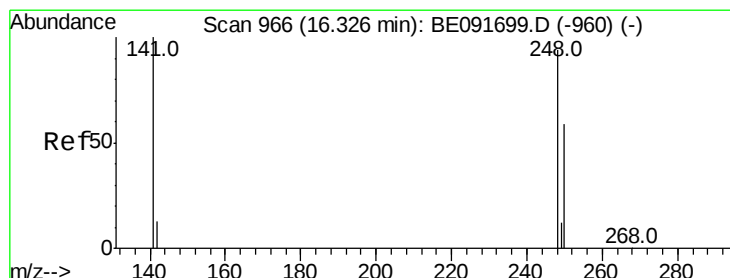
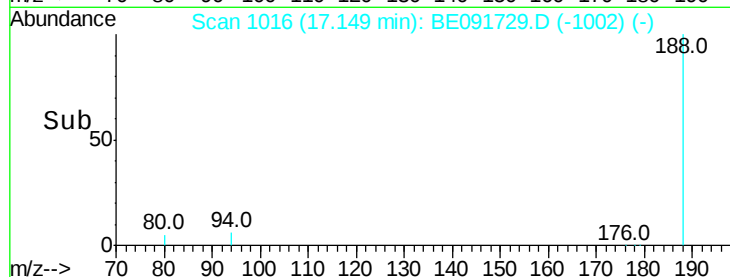
50000

0

17.15

17.00 17.20

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.15 ng

RT: 16.33 min Scan# 966

Delta R.T. -0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

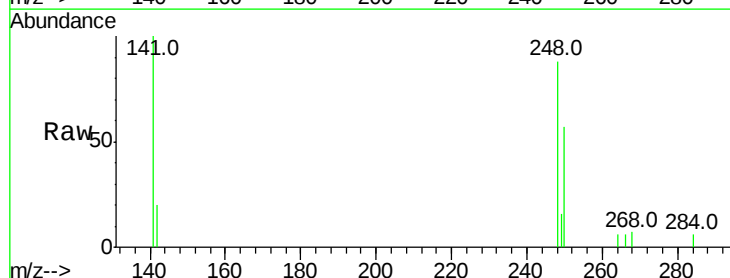
Tgt Ion:248 Resp: 1337

Ion Ratio Lower Upper

248 100

250 96.3 80.5 120.7

141 84.0 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

1000

800

600

400

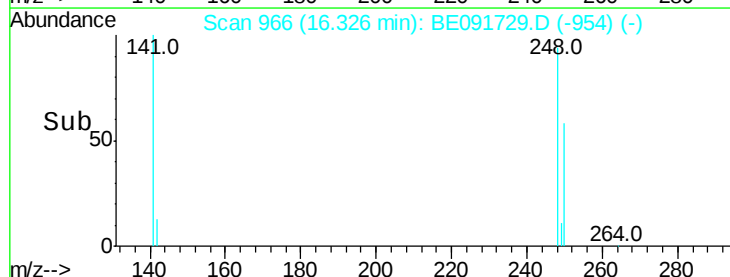
200

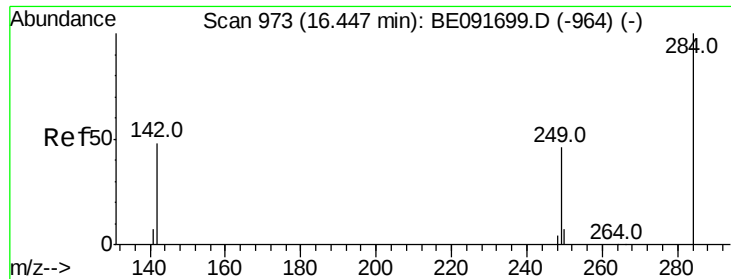
0

16.33

16.30 16.40

Time-->

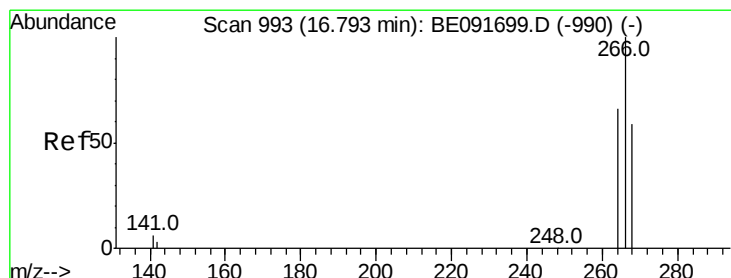
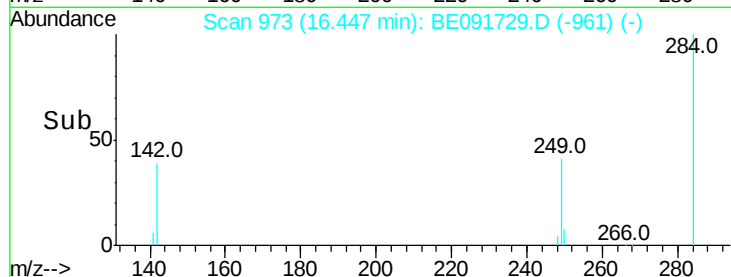
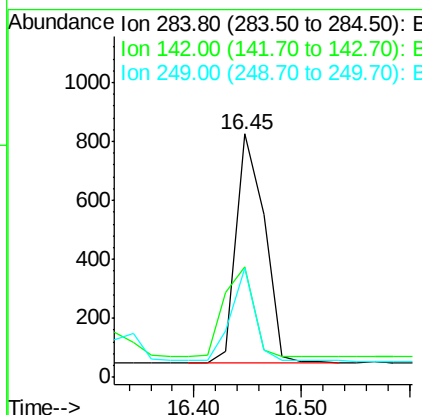
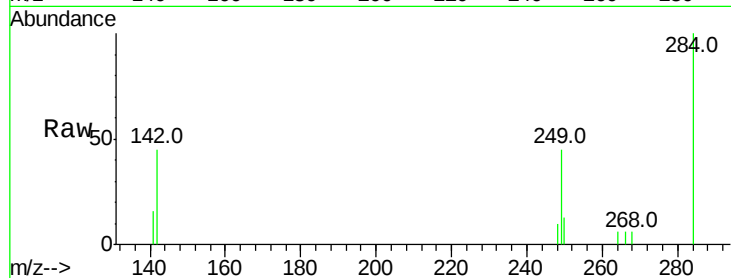




#21
Hexachlorobenzene
Concen: 0.16 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091729.D
Acq: 27 Apr 2016 16:54

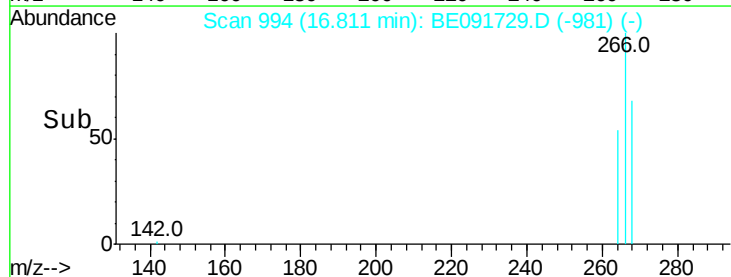
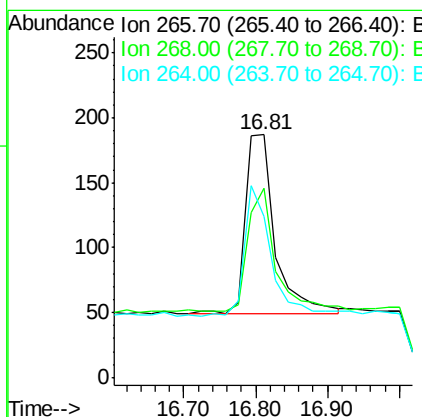
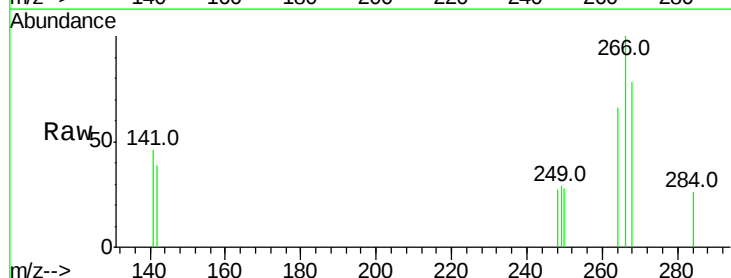
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

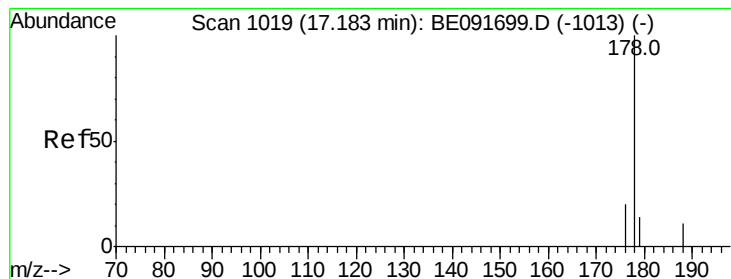
Tot Ion:284 Resp: 1404
Ion Ratio Lower Upper
284 100
142 41.1 32.2 48.2
249 35.4 25.4 38.2



#22
Pentachlorophenol
Concen: 0.18 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.02 min
Lab File: BE091729.D
Acq: 27 Apr 2016 16:54

Tgt Ion:266 Resp: 398
Ion Ratio Lower Upper
266 100
268 78.1 58.2 87.2
264 66.3 56.2 84.4





#23

Phenanthrene

Concen: 0.18 ng

RT: 17.18 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

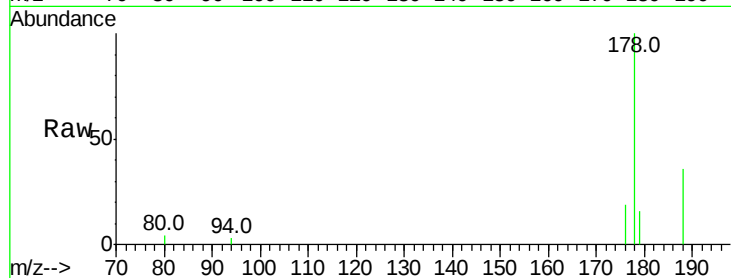
Tot Ion:178 Resp: 9800

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

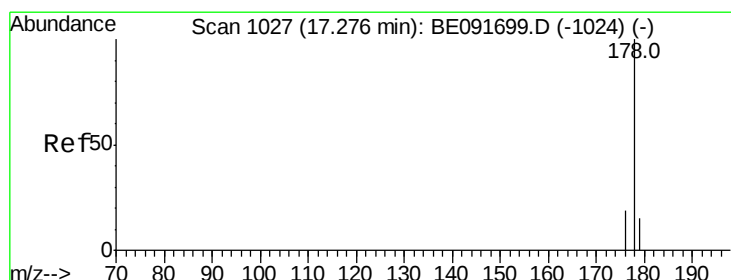
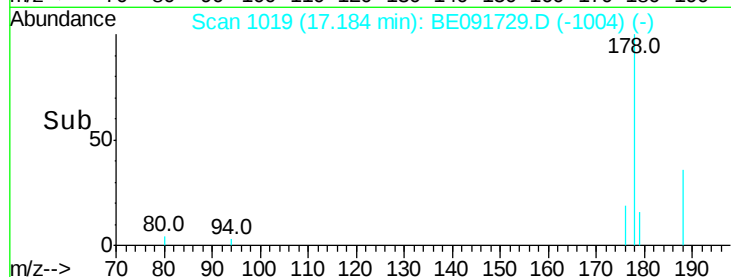
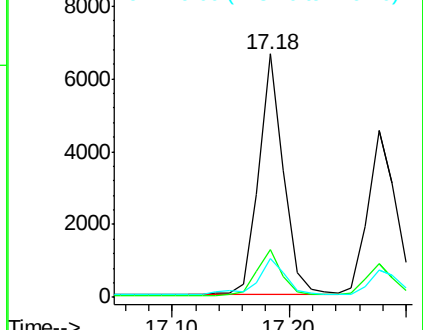
179 17.2 12.6 18.8



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: 0.16 ng

RT: 17.28 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

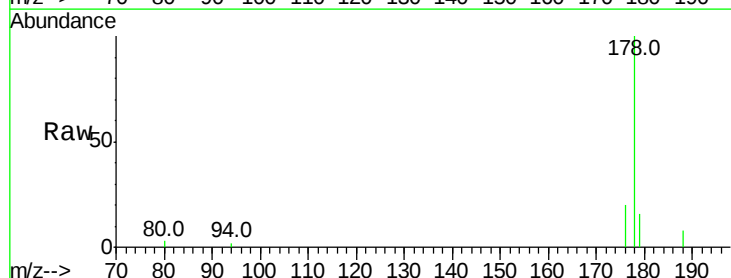
Tgt Ion:178 Resp: 7817

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

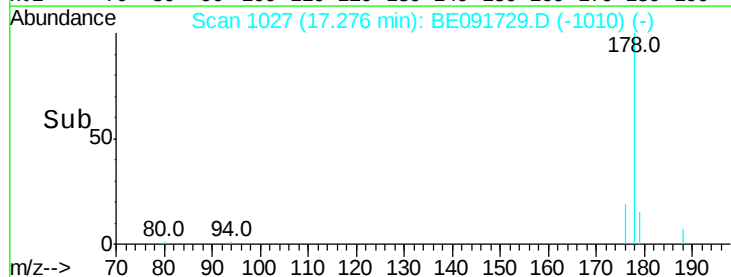
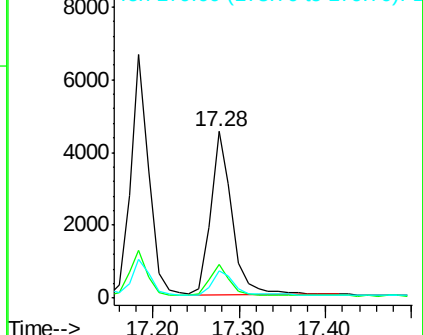
179 15.6 11.8 17.6

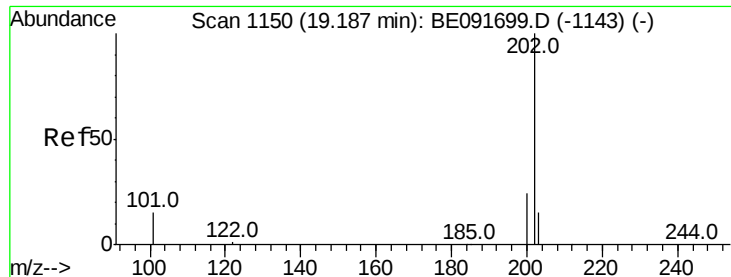


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.17 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

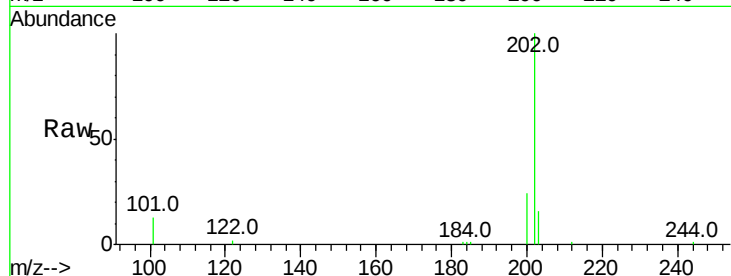
Tot Ion:202 Resp: 9742

Ion Ratio Lower Upper

202 100

101 10.9 11.0 16.6#

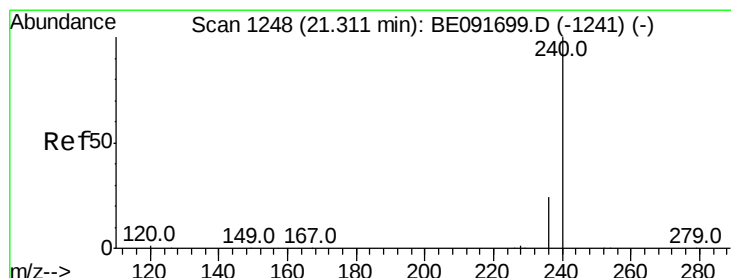
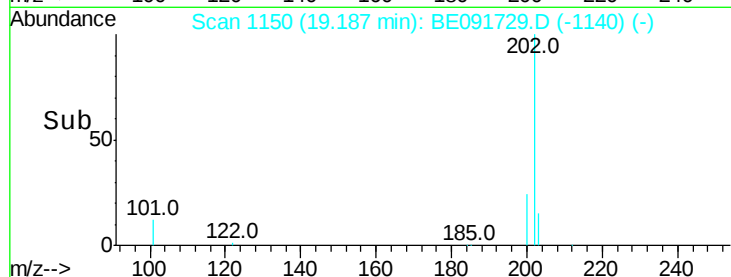
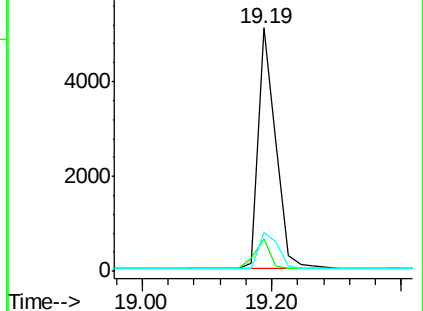
203 17.0 13.9 20.9



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: BE091729.D

Acq: 27 Apr 2016 16:54

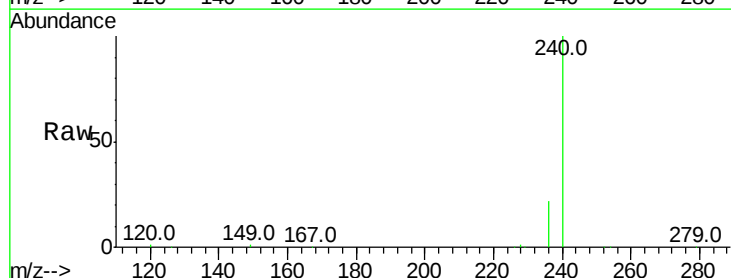
Tgt Ion:240 Resp: 281881

Ion Ratio Lower Upper

240 100

120 0.9 11.0 16.4#

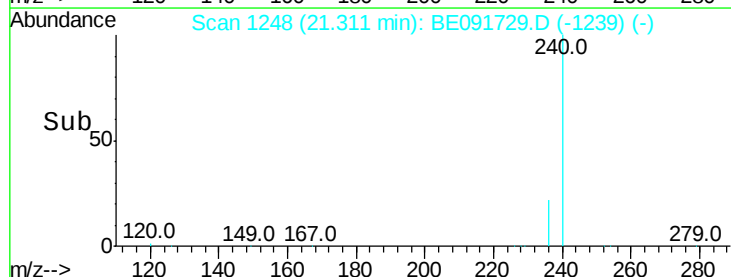
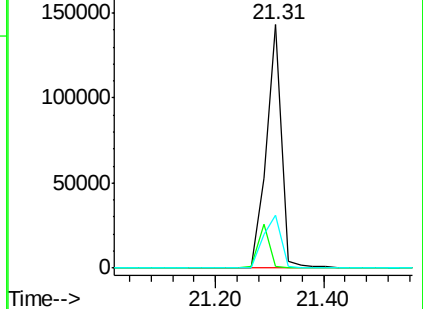
236 21.7 21.7 32.5

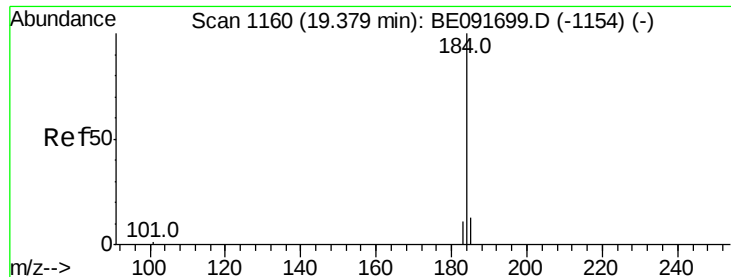


Abundance Ion 240.00 (239.70 to 240.70): E

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: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

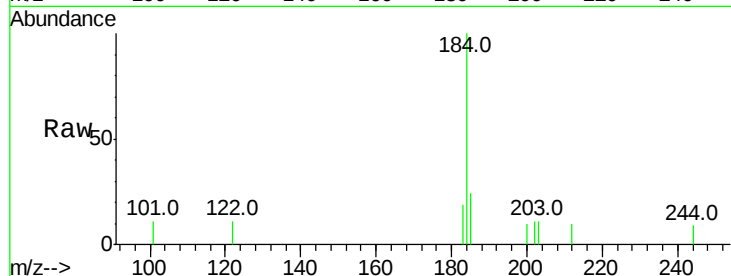
Tot Ion:184 Resp: 1908

Ion Ratio Lower Upper

184 100

185 23.7 22.3 33.5

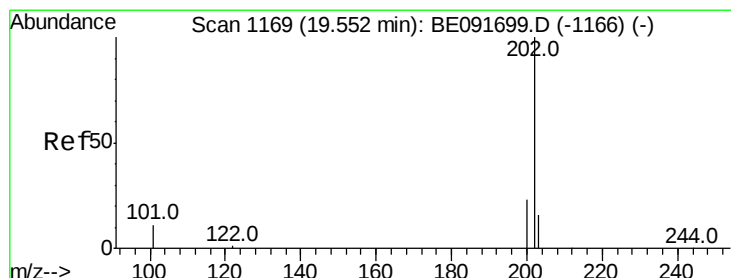
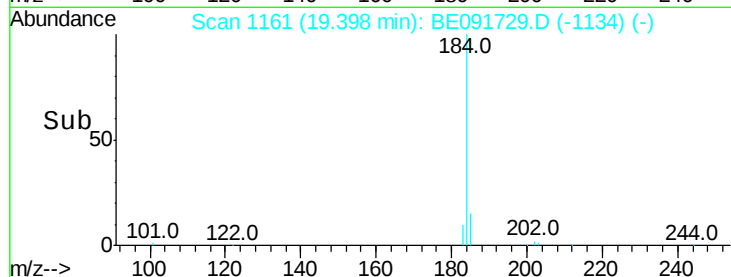
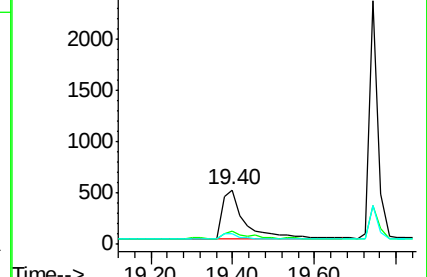
183 18.8 16.4 24.6



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: 0.17 ng

RT: 19.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

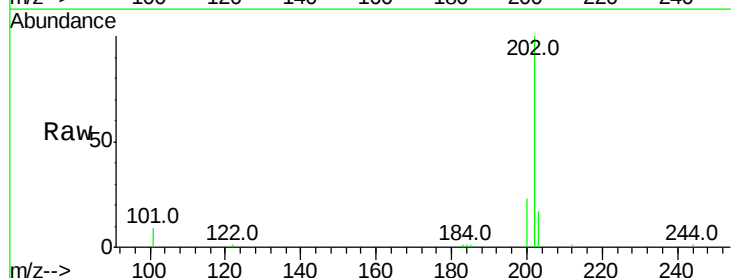
Tgt Ion:202 Resp: 10788

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

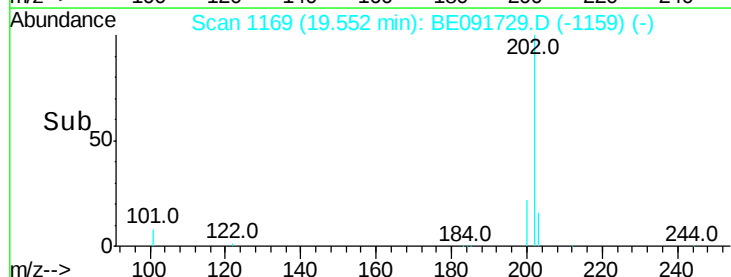
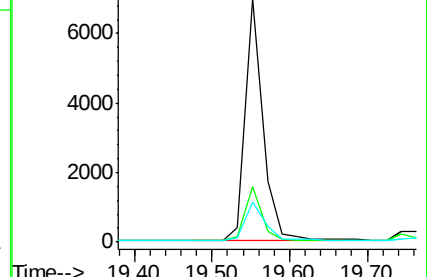
203 17.4 14.0 21.0

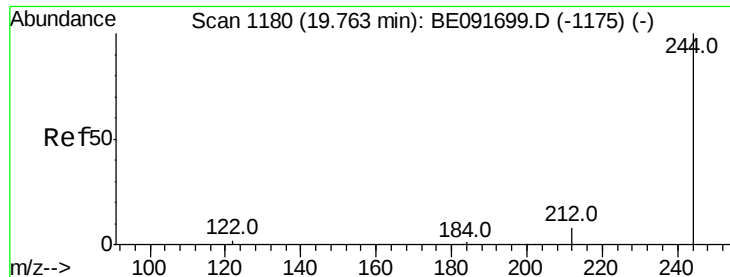


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.04 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

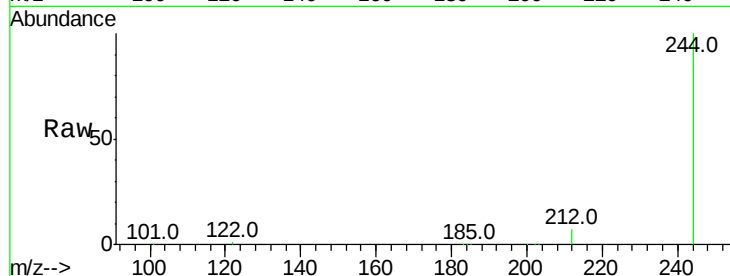
Tot Ion:244 Resp: 177368

Ion Ratio Lower Upper

244 100

212 7.1 6.9 10.3

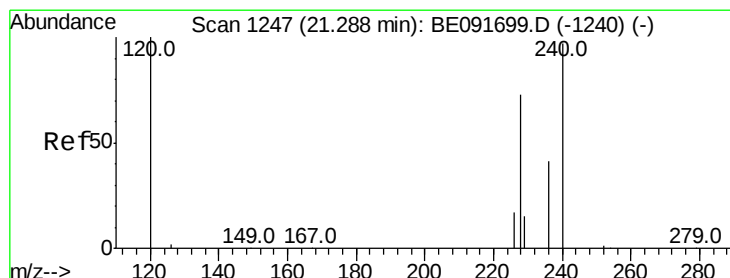
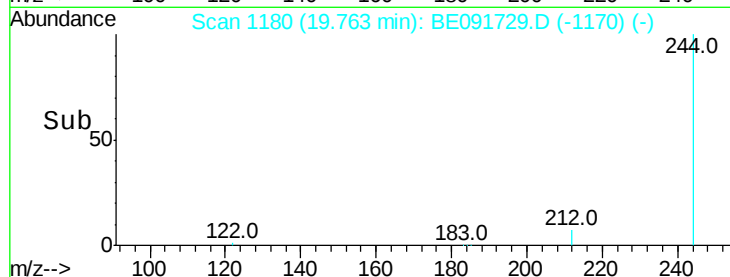
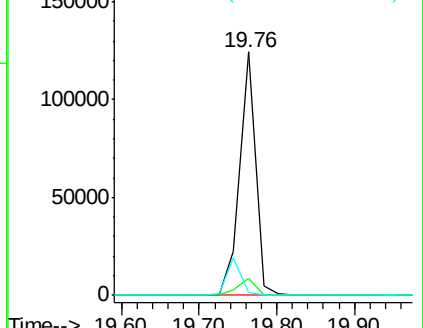
122 1.1 11.0 16.4#



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: 0.17 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

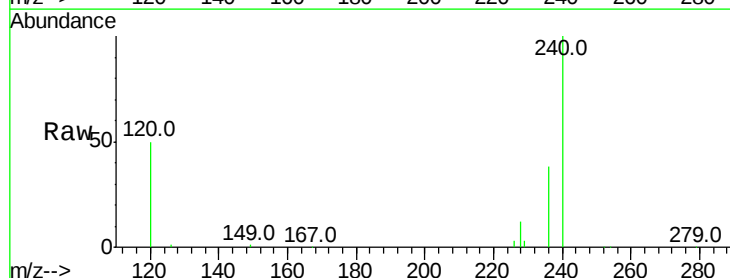
Tgt Ion:228 Resp: 11518

Ion Ratio Lower Upper

228 100

226 22.8 21.0 31.4

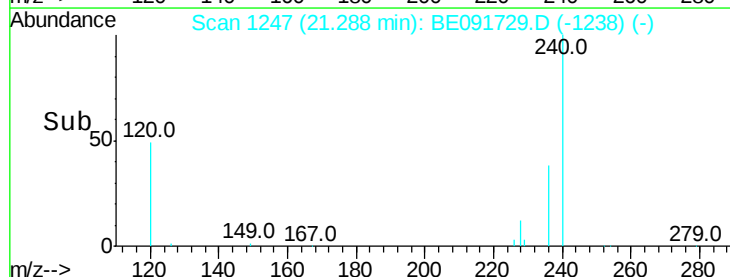
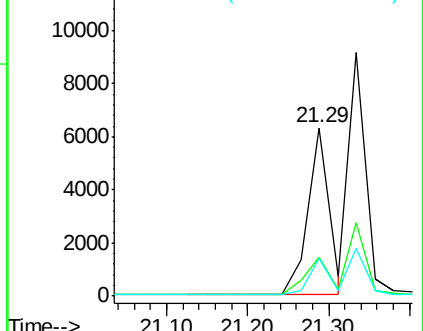
229 22.6 15.7 23.5

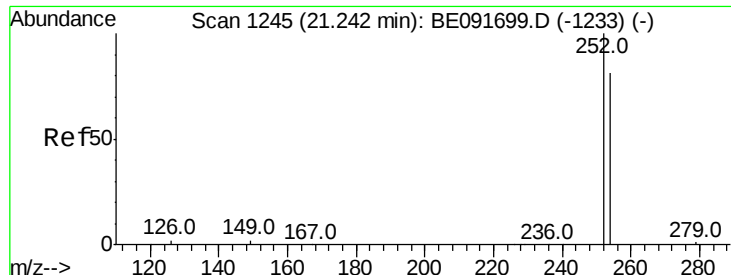


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

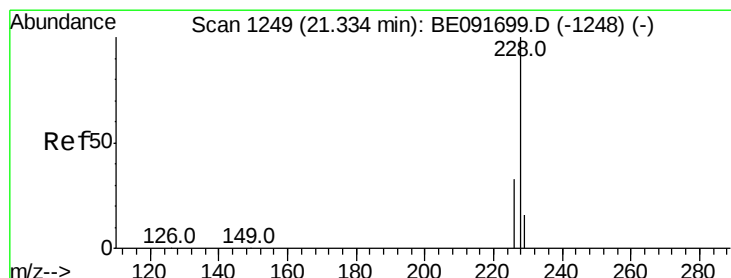
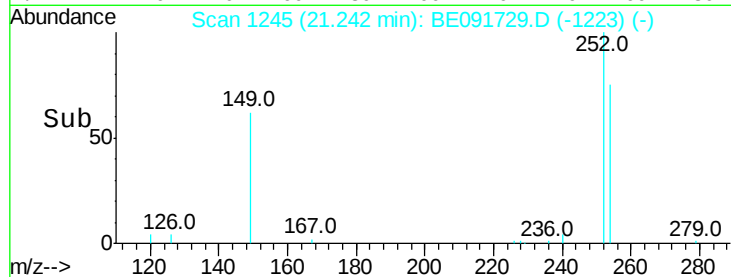
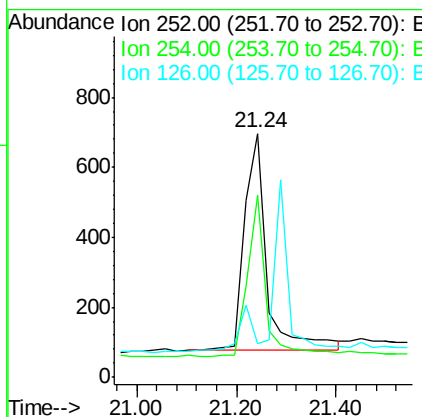
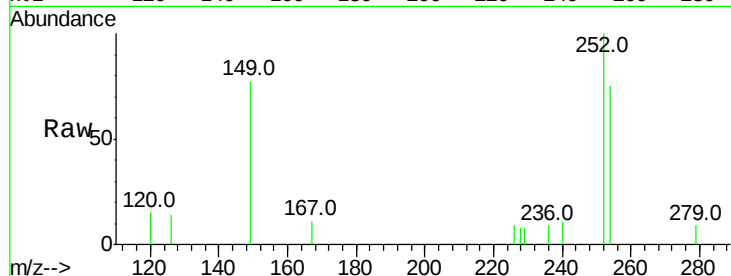




#31
 3,3'-Dichlorobenzidine
 Concen: 0.05 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091729.D
 Acq: 27 Apr 2016 16:54

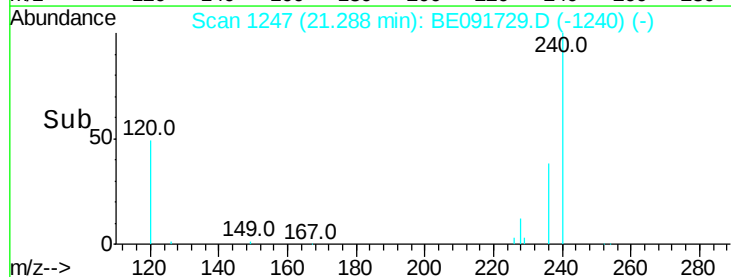
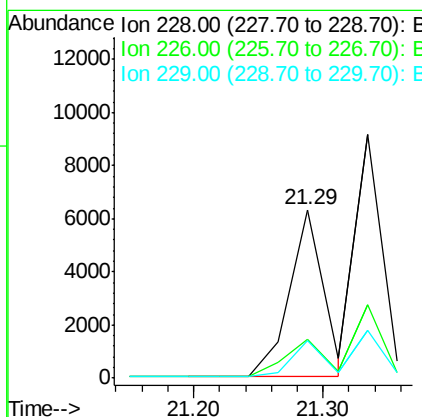
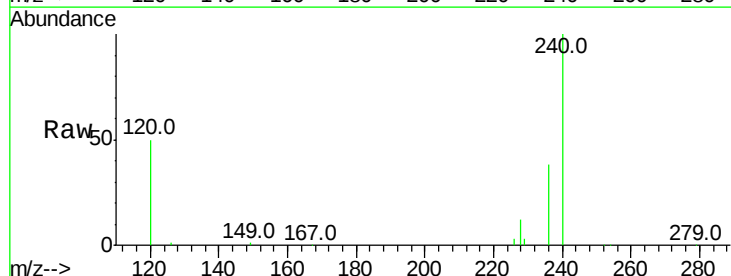
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion:252 Resp: 1901
 Ion Ratio Lower Upper
 252 100
 254 74.9 51.1 76.7
 126 14.1 12.6 18.8



#32
 Chrysene
 Concen: 0.16 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091729.D
 Acq: 27 Apr 2016 16:54

Tgt Ion:228 Resp: 11504
 Ion Ratio Lower Upper
 228 100
 226 22.8 24.0 36.0#
 229 22.6 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

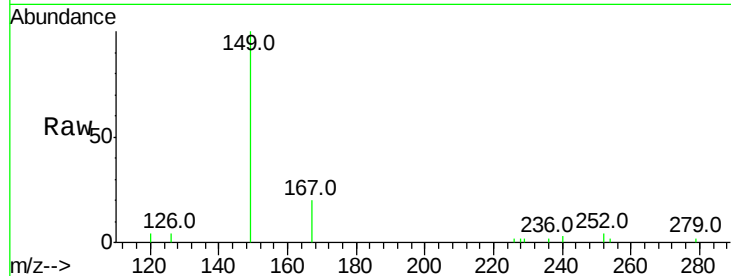
Tot Ion:149 Resp: 5341

Ion Ratio Lower Upper

149 100

167 15.7 19.5 29.3#

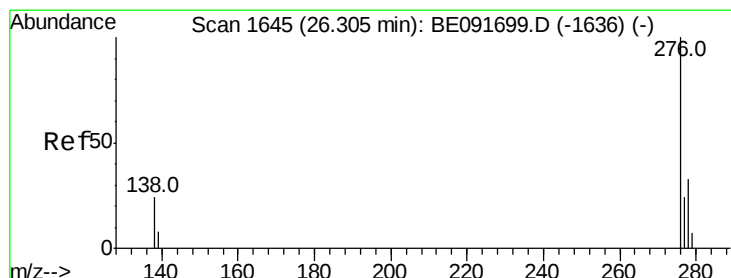
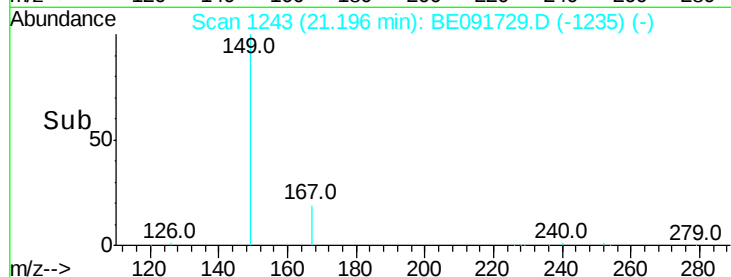
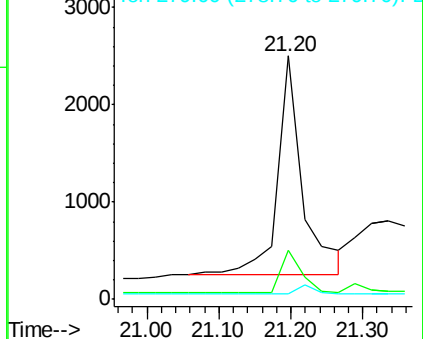
279 0.0 10.0 15.0#



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: 0.17 ng

RT: 26.31 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

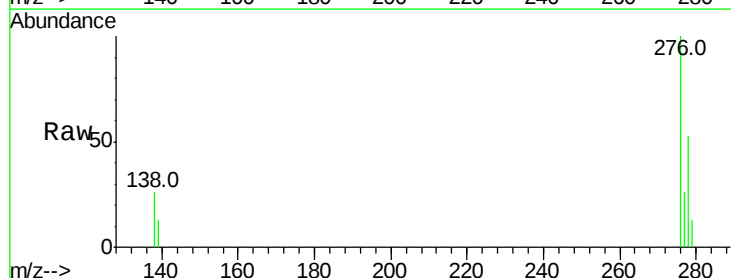
Tgt Ion:276 Resp: 10724

Ion Ratio Lower Upper

276 100

138 26.1 23.4 35.2

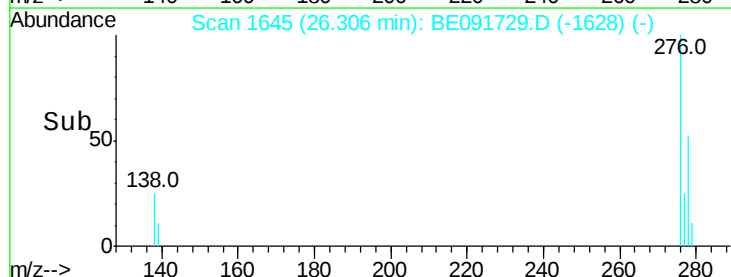
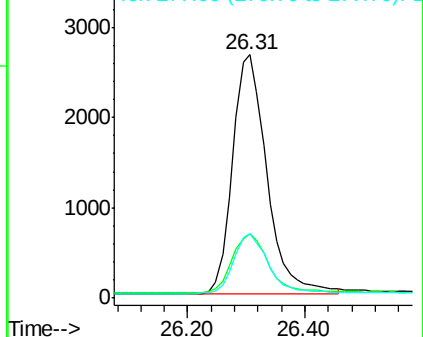
277 24.9 19.8 29.8

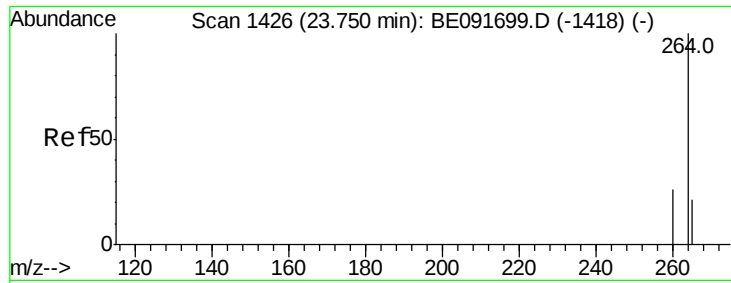


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



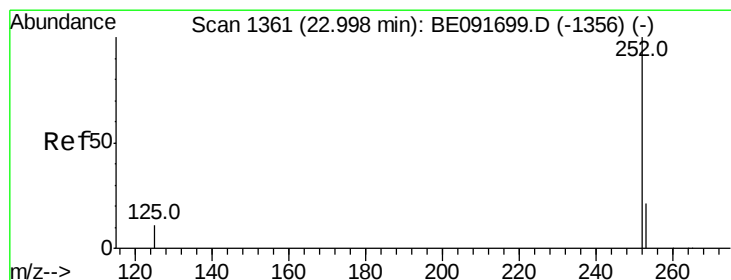
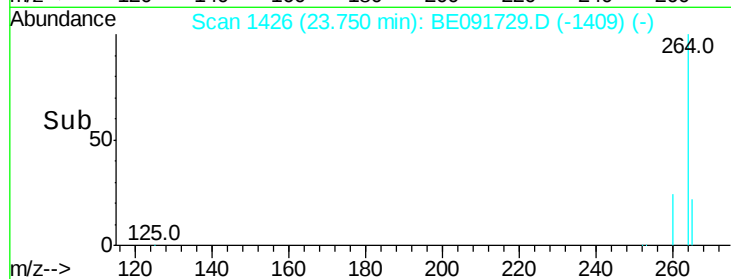
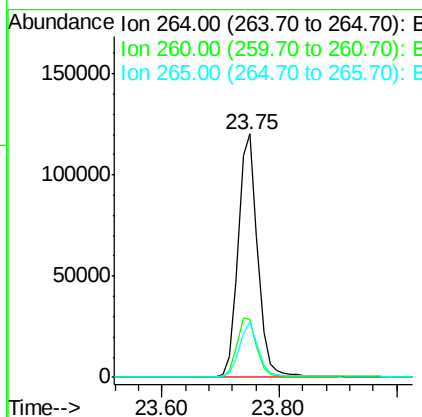
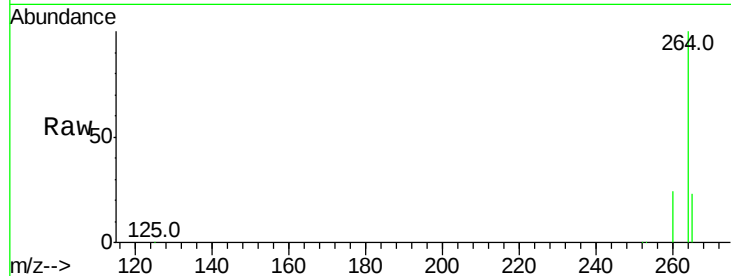


#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091729.D
Acq: 27 Apr 2016 16:54

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:264 Resp: 276769

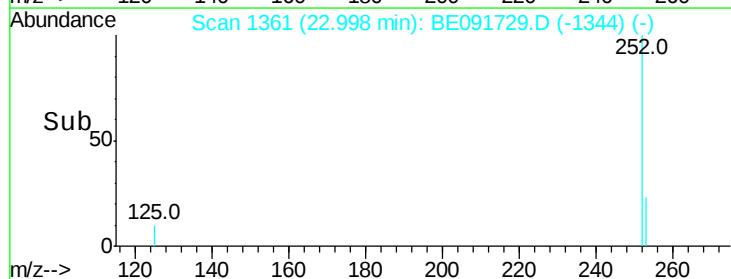
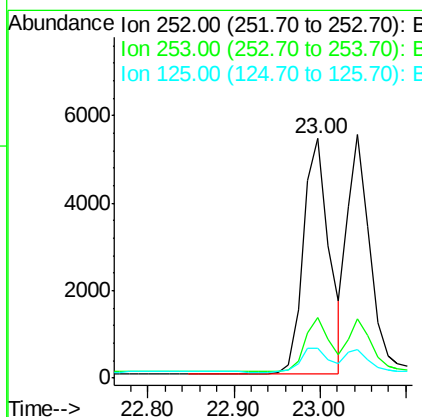
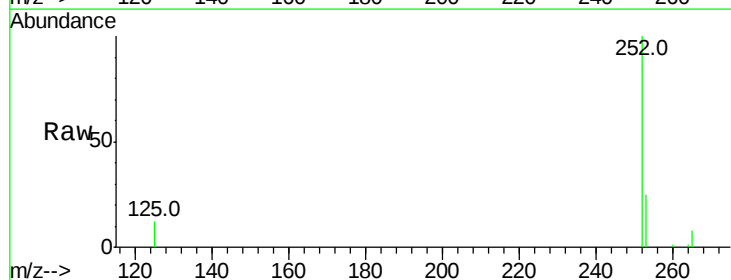
Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.0	30.0
265	22.6	17.5	26.3

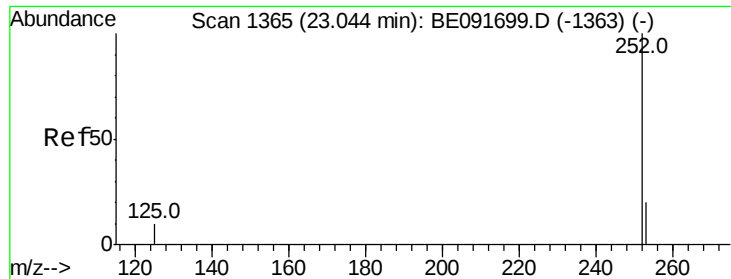


#36
Benzo(b)fluoranthene
Concen: 0.17 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BE091729.D
Acq: 27 Apr 2016 16:54

Tgt Ion:252 Resp: 11189

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.0
125	12.5	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 0.16 ng

RT: 23.04 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

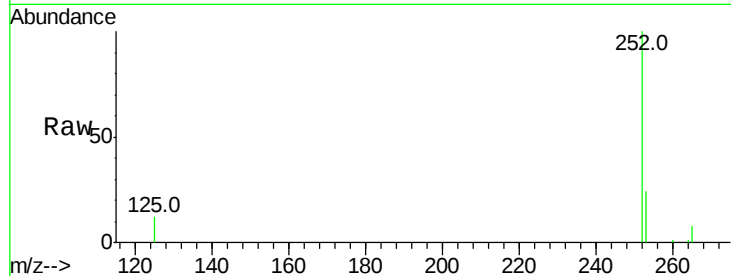
Tot Ion:252 Resp: 10232

Ion Ratio Lower Upper

252 100

253 24.5 17.6 26.4

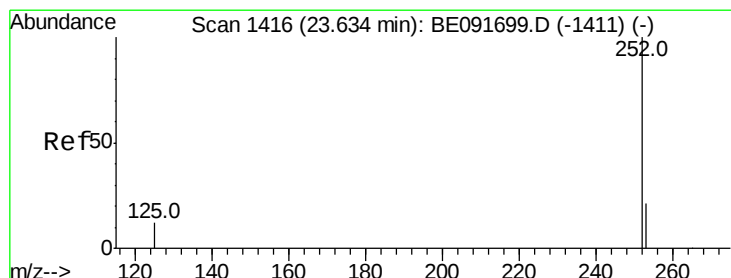
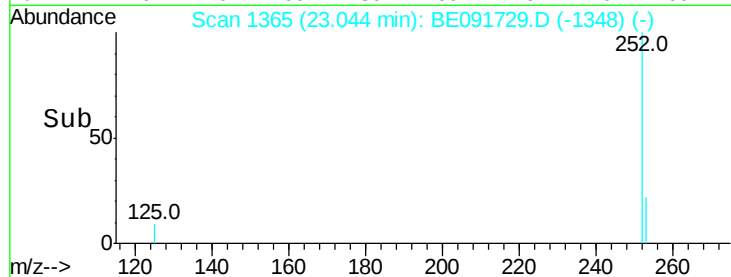
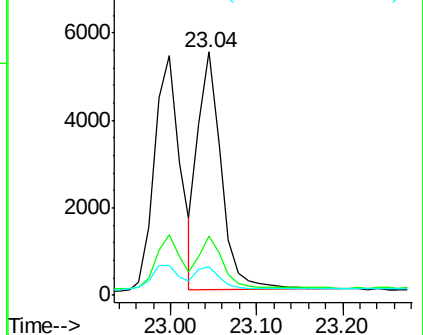
125 11.7 9.9 14.9



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: BE091729.D

Acq: 27 Apr 2016 16:54

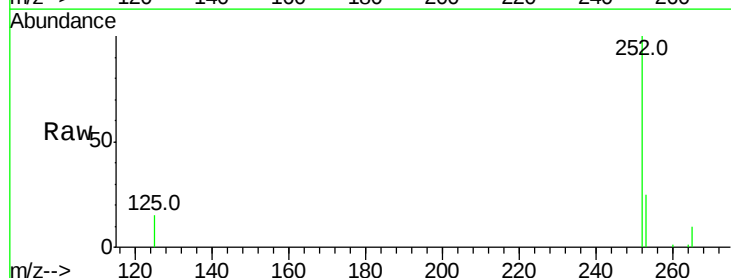
Tgt Ion:252 Resp: 9681

Ion Ratio Lower Upper

252 100

253 25.4 18.1 27.1

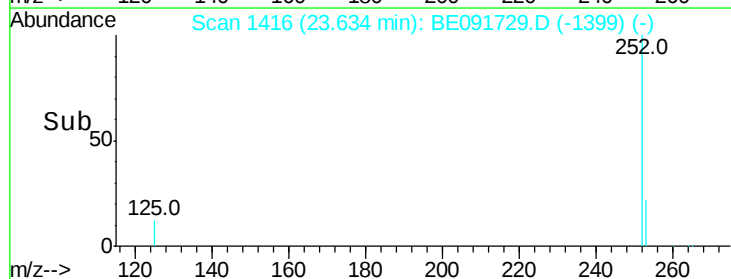
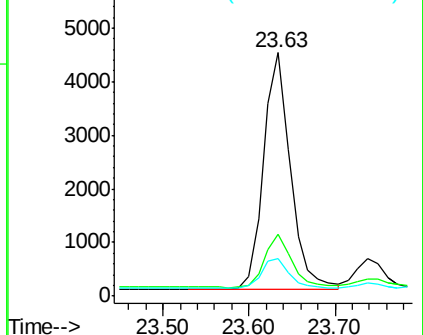
125 15.5 11.0 16.4



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: 0.15 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091729.D

Acq: 27 Apr 2016 16:54

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

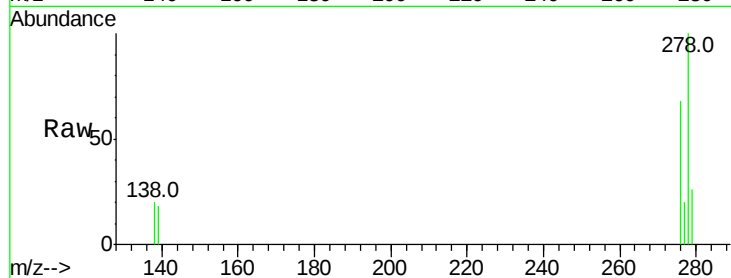
Tot Ion:278 Resp: 8870

Ion Ratio Lower Upper

278 100

139 18.2 16.0 24.0

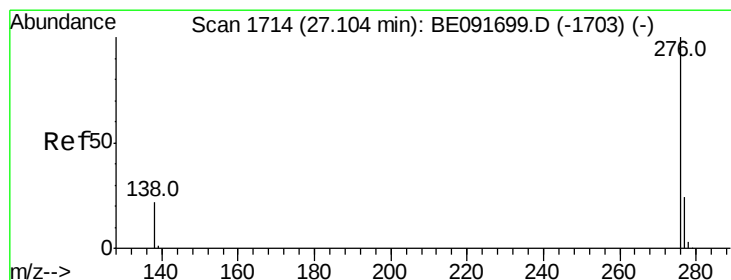
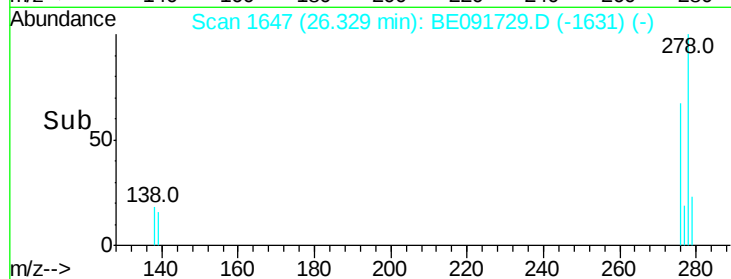
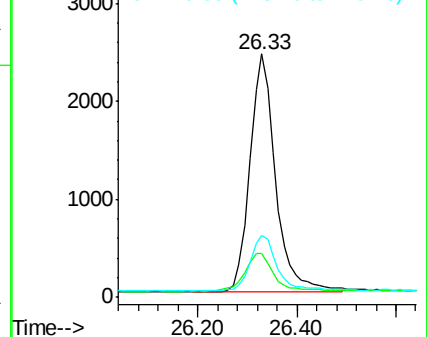
279 25.6 19.4 29.2



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: BE091729.D

Acq: 27 Apr 2016 16:54

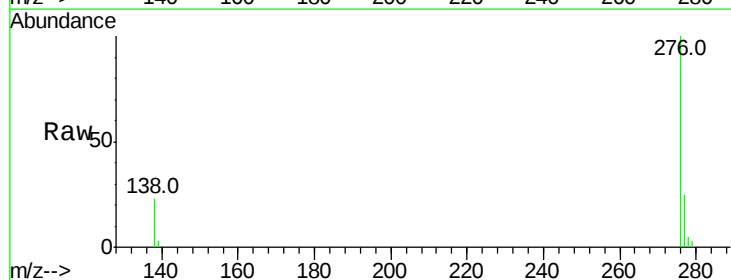
Tgt Ion:276 Resp: 9315

Ion Ratio Lower Upper

276 100

277 25.3 18.6 28.0

138 23.3 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

