

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092316\
 Data File : BE092422.D
 Acq On : 23 Sep 2016 19:11
 Operator : UM/SJ
 Sample : H4818-06
 Misc : L00
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-06-QT4

Quant Time: Sep 23 23:03:44 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8389	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	33184	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	22249	5.00	ng	0.02
18) Phenanthrene-d10	17.58	188	45230	5.00	ng	0.02
24) Chrysene-d12	21.75	240	55636	5.00	ng	0.00
31) Perylene-d12	24.12	264	56184	5.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.67	112	16148	8.16	ng	-0.02
5) Phenol-d6	7.34	99	19701	6.99	ng	-0.02
8) Nitrobenzene-d5	9.36	82	7707	3.28	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	3817	4.90	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	21114	4.01	ng	0.00
26) Terphenyl-d14	20.19	244	28135	4.08	ng	0.02

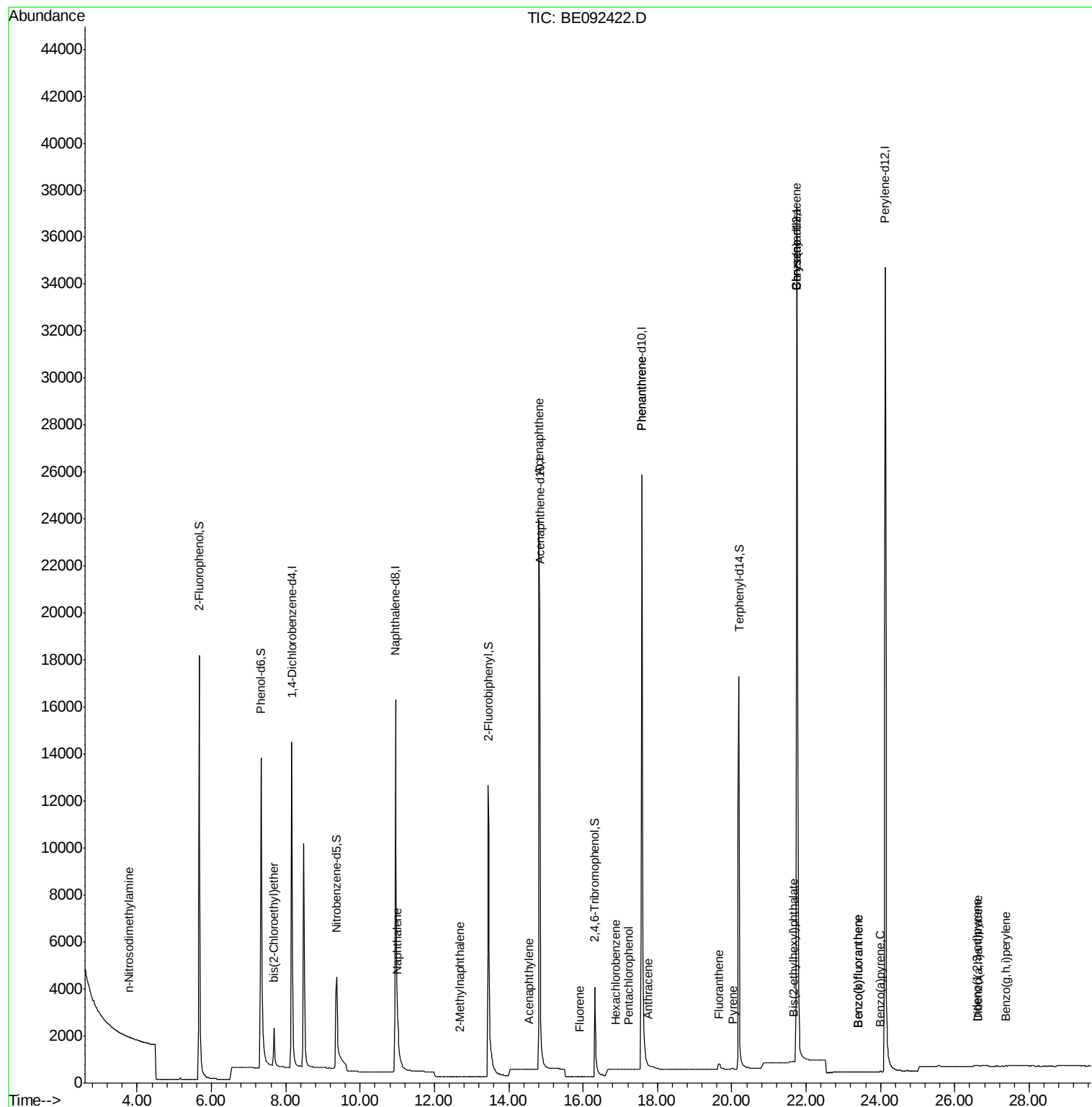
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	5	Below Cal	#	19
3) n-Nitrosodimethylamine	3.77	42	17	0.20	ng	7
6) bis(2-Chloroethyl)ether	7.68	93	22	0.10	ng	1
9) Naphthalene	11.01	128	7	0.00	ng	1
11) 2-Methylnaphthalene	12.69	142	1	0.00	ng	58
15) Acenaphthylene	14.54	152	16	0.00	ng	1
16) Acenaphthene	14.82	154	81	0.02	ng	1
17) Fluorene	15.90	166	6	0.00	ng	52
19) Hexachlorobenzene	16.89	284	6	0.00	ng	39
20) Pentachlorophenol	17.23	266	6	0.19	ng	72
21) Phenanthrene	17.58	178	48	0.00	ng	1
22) Anthracene	17.74	178	3	0.00	ng	61
23) Fluoranthene	19.66	202	775	0.02	ng	96
25) Pyrene	20.02	202	74	0.00	ng	50
27) Benzo(a)anthracene	21.75	228	1122	0.02	ng	63
28) Chrysene	21.75	228	1166	0.02	ng	71
29) Bis(2-ethylhexyl)phthalate	21.66	149	122	0.03	ng	75
30) Indeno(1,2,3-cd)pyrene	26.60	276	4	0.00	ng	50
32) Benzo(b)fluoranthene	23.40	252	52	0.00	ng	1
33) Benzo(k)fluoranthene	23.40	252	57	0.00	ng	1
34) Benzo(a)pyrene	24.01	252	19	0.00	ng	1
35) Dibenzo(a,h)anthracene	26.62	278	2	0.00	ng	1
36) Benzo(g,h,i)perylene	27.37	276	8	0.00	ng	1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

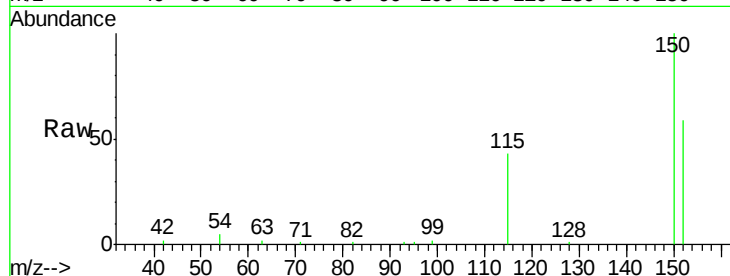
Tot Ion:152 Resp: 8389

Ion Ratio Lower Upper

152 100

150 170.2 106.0 159.0#

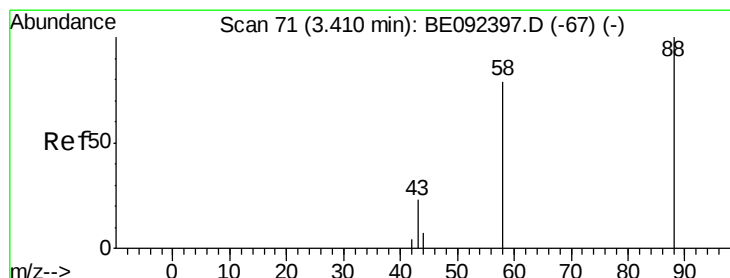
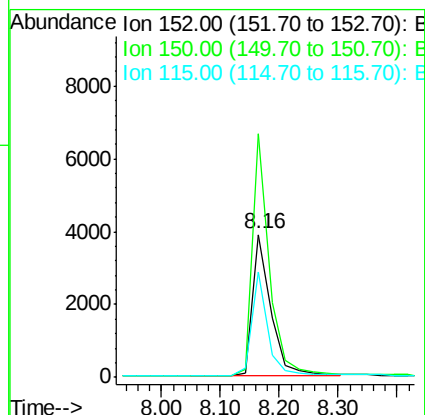
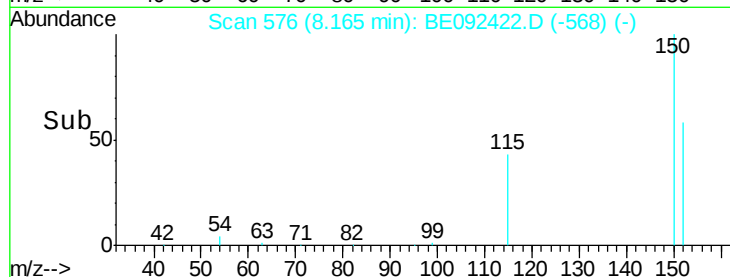
115 73.6 31.2 46.8#



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: Below Cal

RT: 3.53 min Scan# 81

Delta R.T. 0.11 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

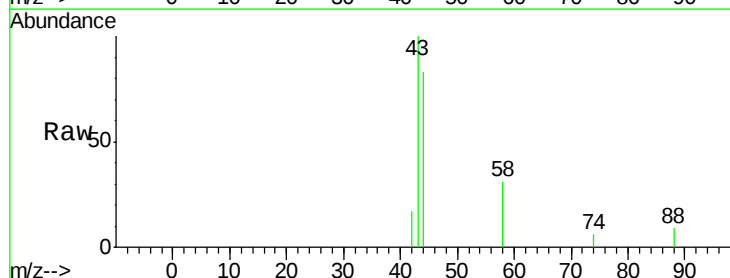
Tgt Ion: 88 Resp: 5

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

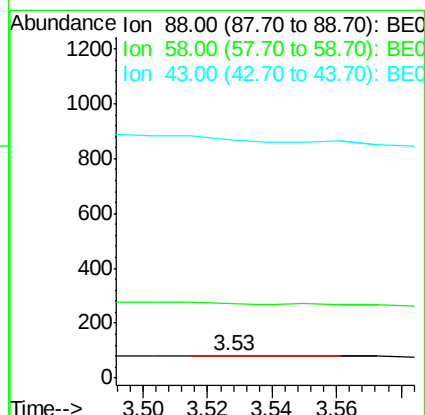
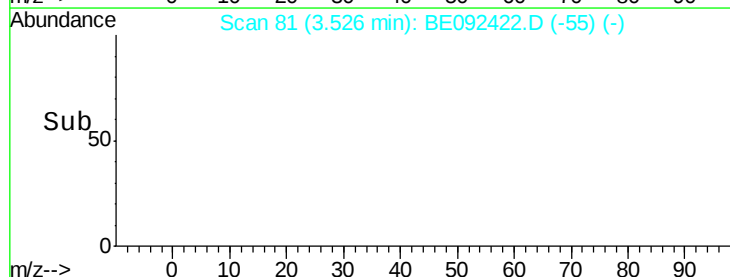
43 0.0 28.0 42.0#

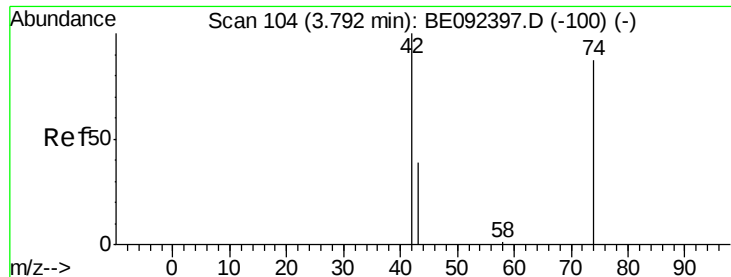


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



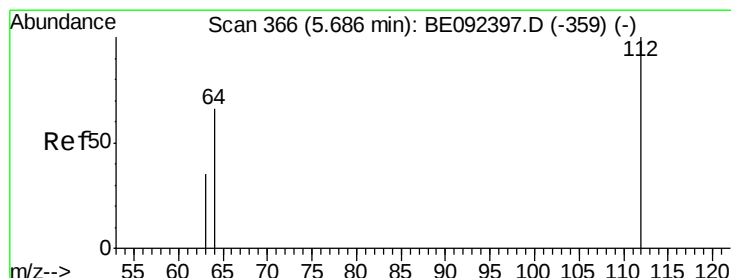
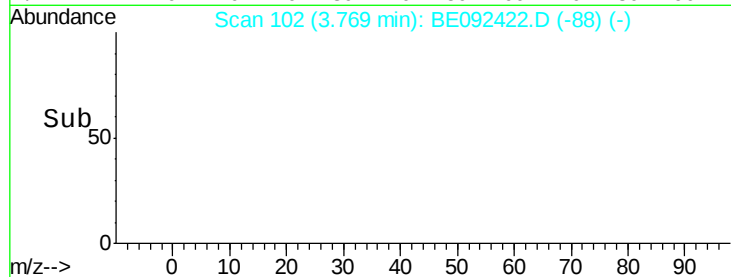
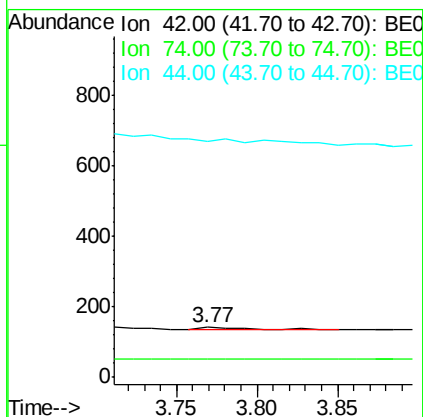
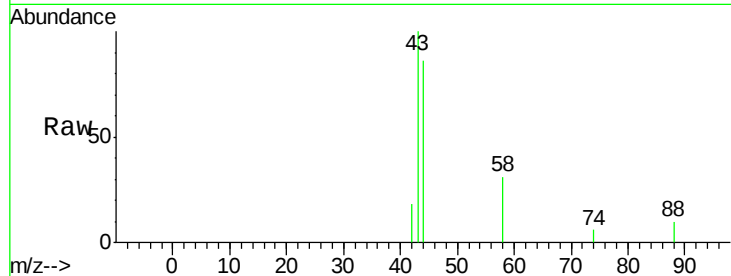


#3

n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.03 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Instrument :
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LOQ-WATER2016-06-QT4

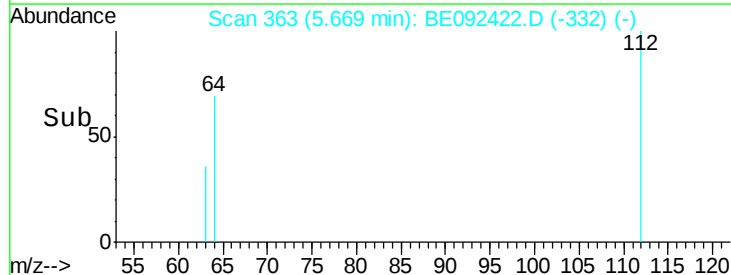
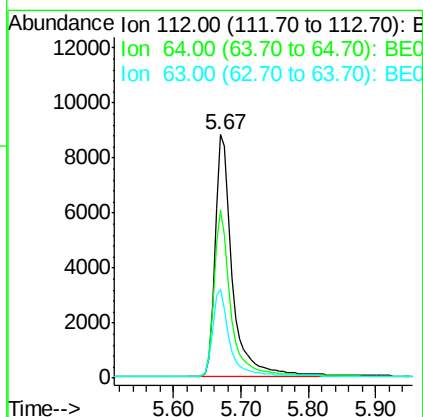
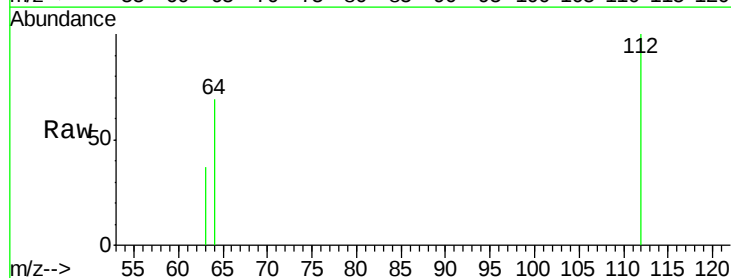
Tot Ion: 42 Resp: 17
Ion Ratio Lower Upper
42 100
74 5.9 86.0 129.0#
44 0.0 5.1 7.7#



#4

2-Fluorophenol
Concen: 8.16 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion: 112 Resp: 16148
Ion Ratio Lower Upper
112 100
64 67.1 53.5 80.3
63 35.8 27.9 41.9





#5

Phenol-d6

Concen: 6.99 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

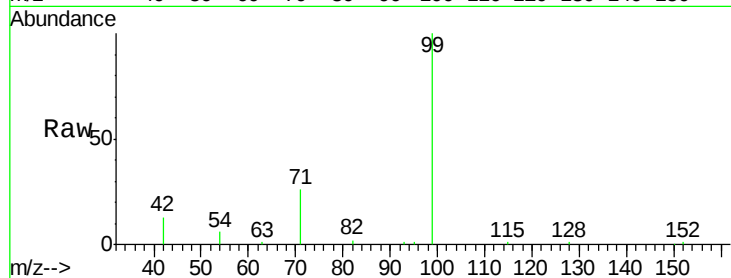
Tot Ion: 99 Resp: 19701

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

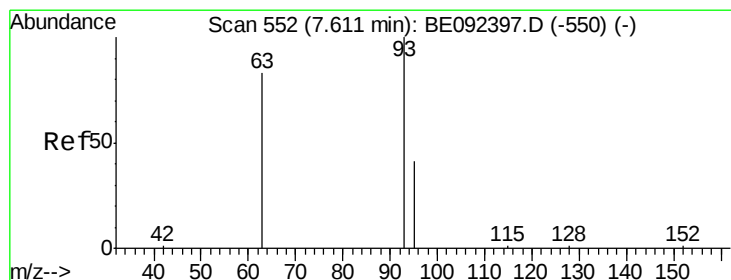
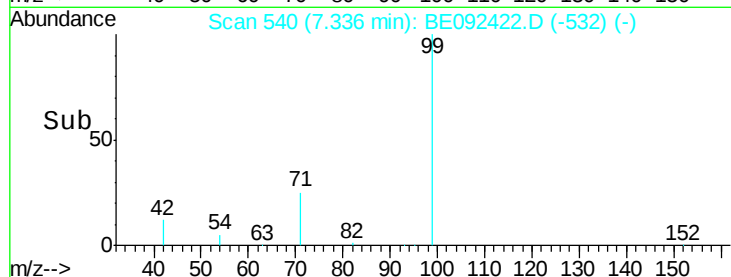
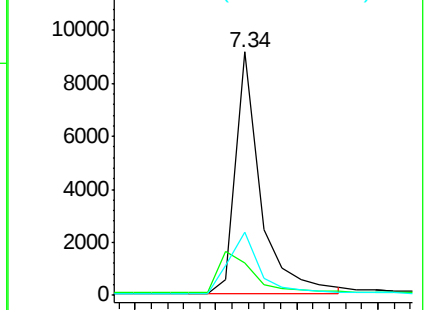
71 32.4 30.6 45.8



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: 0.10 ng

RT: 7.68 min Scan# 555

Delta R.T. 0.07 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

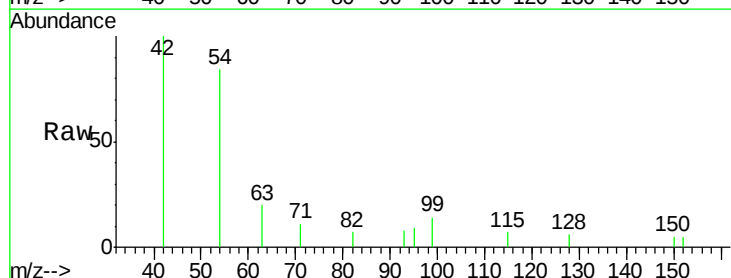
Tgt Ion: 93 Resp: 22

Ion Ratio Lower Upper

93 100

63 990.9 71.6 107.4#

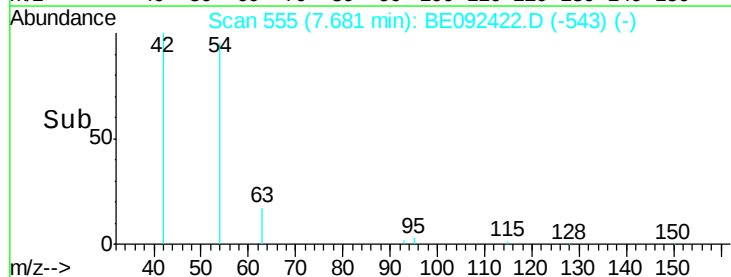
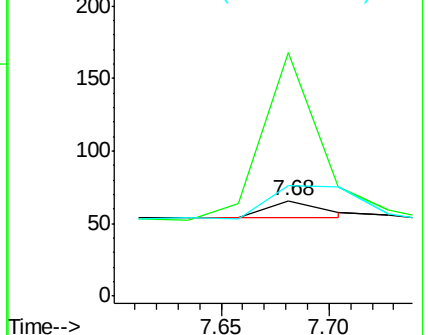
95 290.9 24.0 36.0#

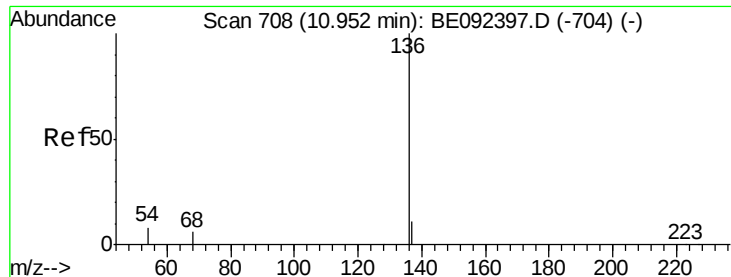


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

Tot Ion:136 Resp: 33184

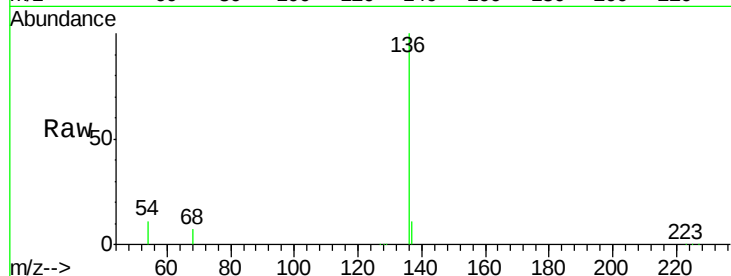
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 10.6 9.6 14.4

68 7.4 6.7 10.1

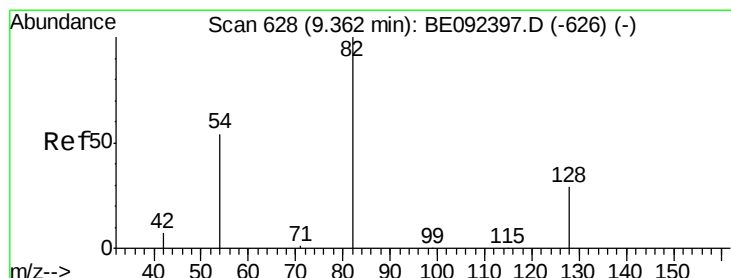
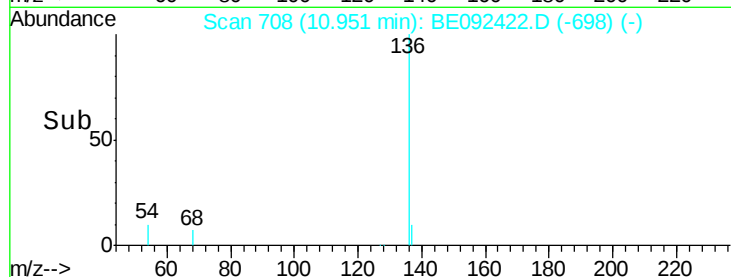
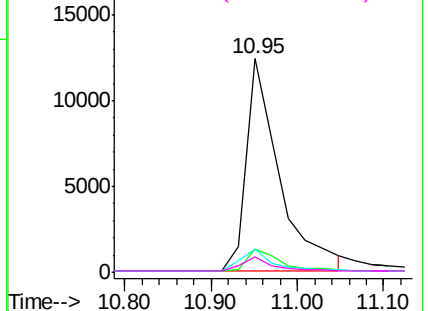


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.28 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

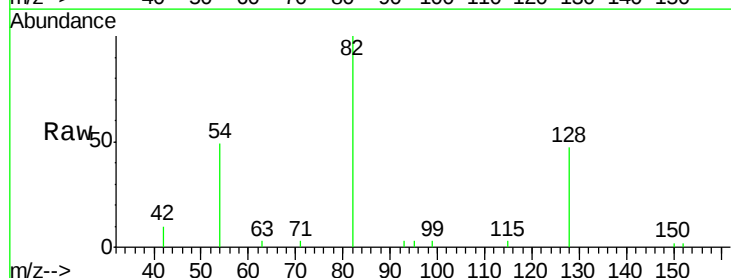
Tgt Ion: 82 Resp: 7707

Ion Ratio Lower Upper

82 100

128 46.9 39.0 58.4

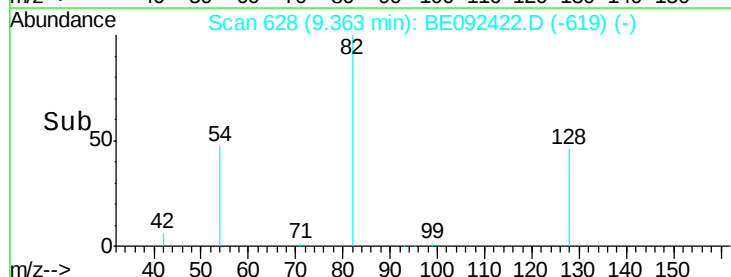
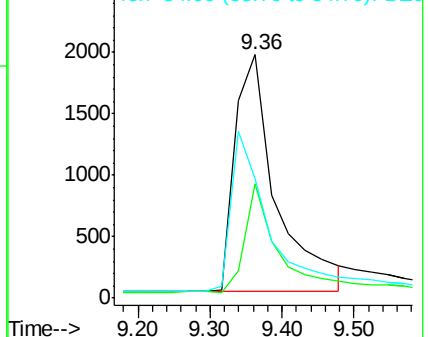
54 48.9 44.8 67.2

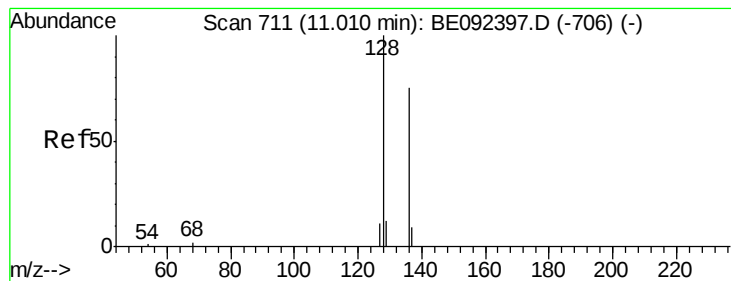


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.00 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

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ClientSampleId :

LOQ-WATER2016-06-QT4

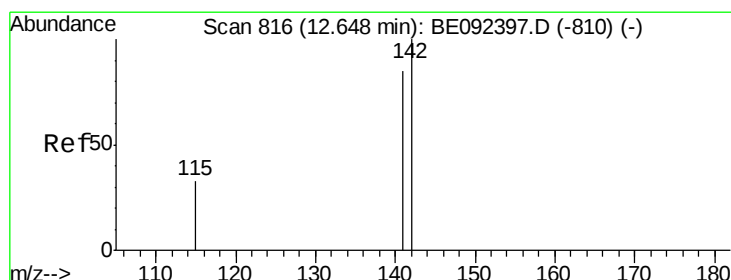
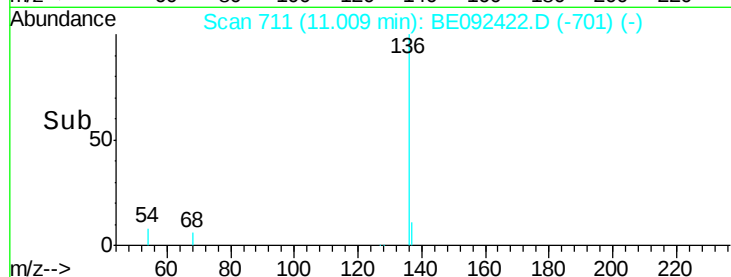
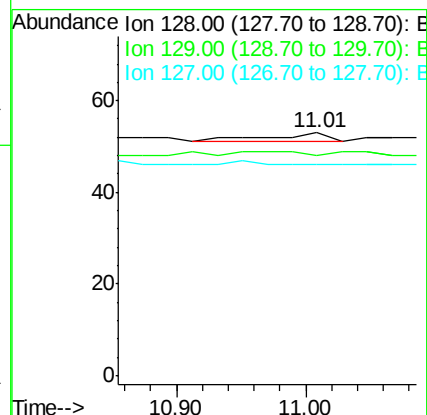
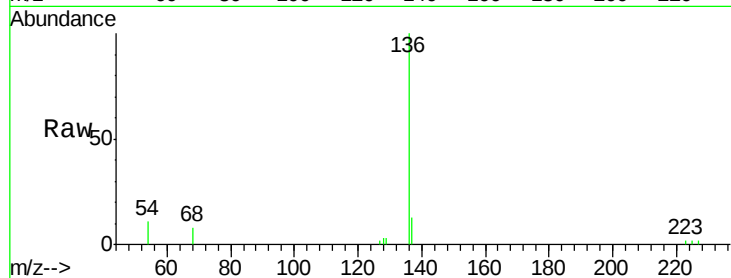
Tot Ion:128 Resp: 7

Ion Ratio Lower Upper

128 100

129 90.6 11.2 16.8#

127 86.8 11.6 17.4#



#11

2-Methylnaphthalene

Concen: 0.00 ng

RT: 12.69 min Scan# 820

Delta R.T. 0.05 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

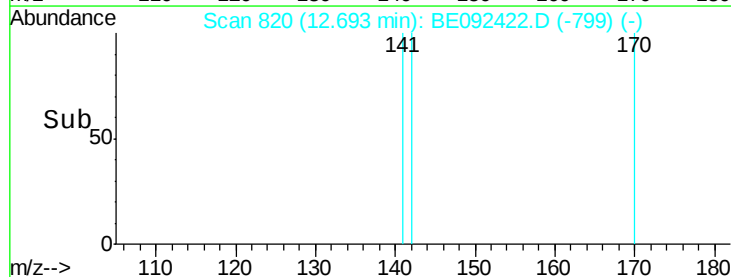
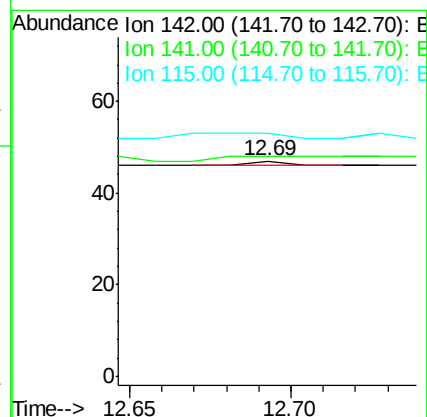
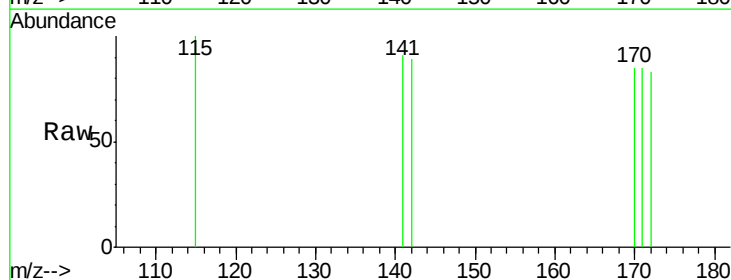
Tgt Ion:142 Resp: 1

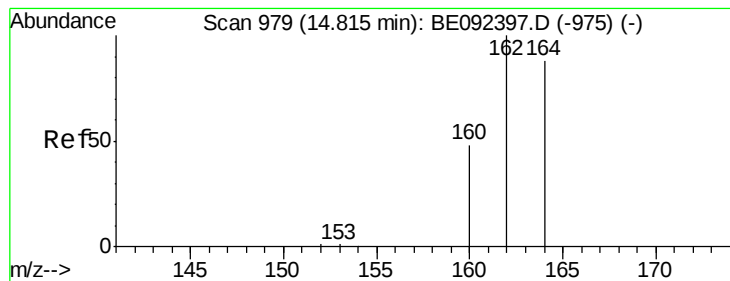
Ion Ratio Lower Upper

142 100

141 102.1 73.7 110.5

115 112.8 34.0 51.0#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. 0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

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LOQ-WATER2016-06-QT4

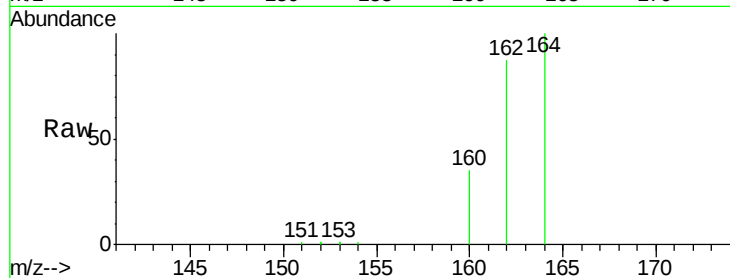
Tot Ion:164 Resp: 22249

Ion Ratio Lower Upper

164 100

162 86.7 71.4 107.0

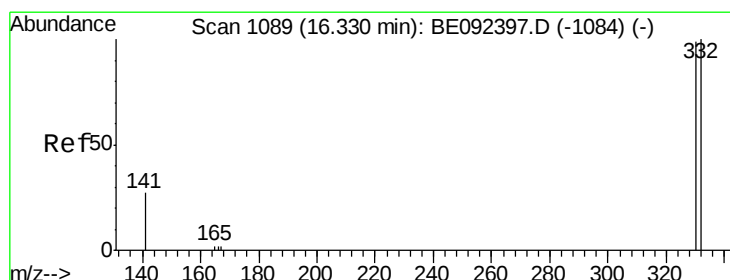
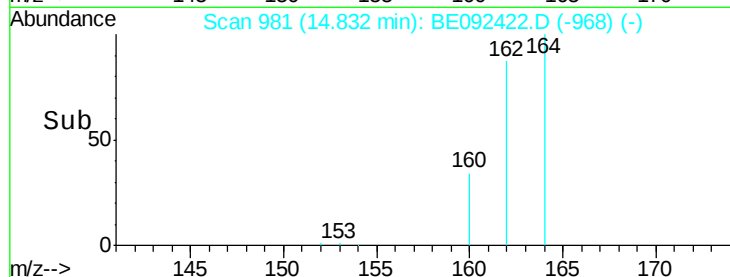
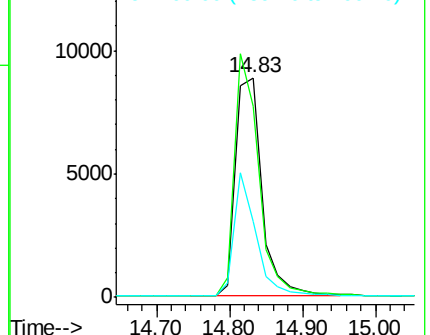
160 34.6 27.4 41.2



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



#13

2,4,6-Tribromophenol

Concen: 4.90 ng

RT: 16.32 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

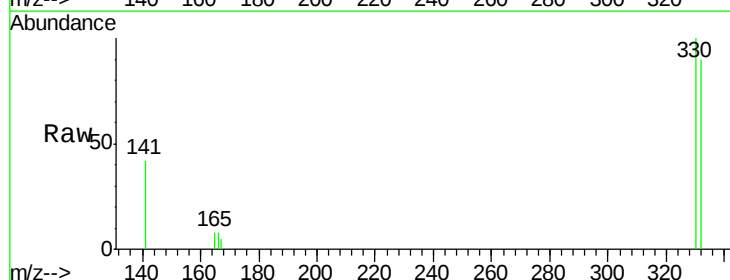
Tgt Ion:330 Resp: 3817

Ion Ratio Lower Upper

330 100

332 95.8 75.4 113.0

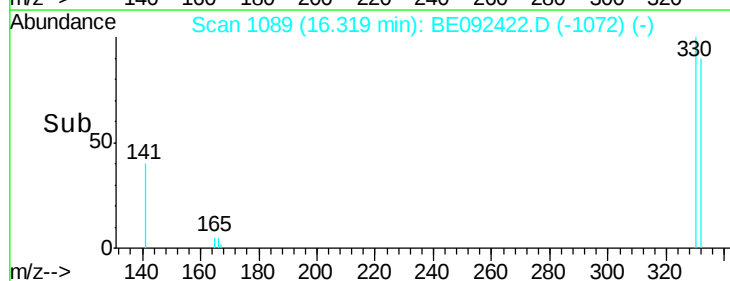
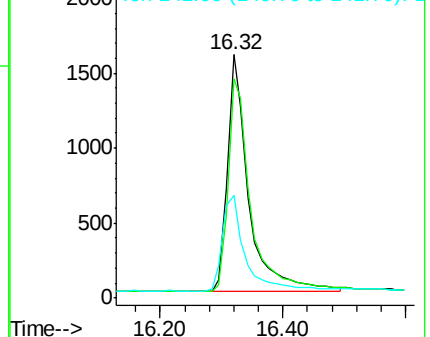
141 43.1 31.0 46.6

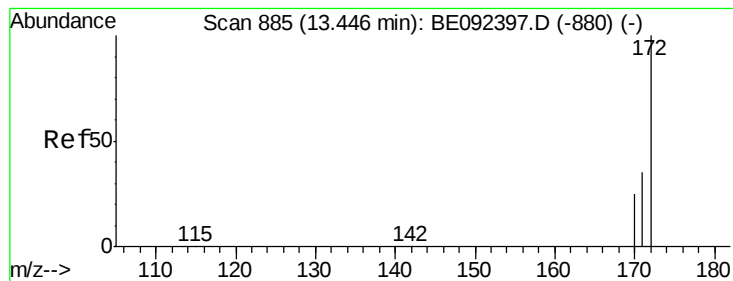


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 4.01 ng

RT: 13.44 min Scan# 885

Delta R.T. -0.00 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

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LOQ-WATER2016-06-QT4

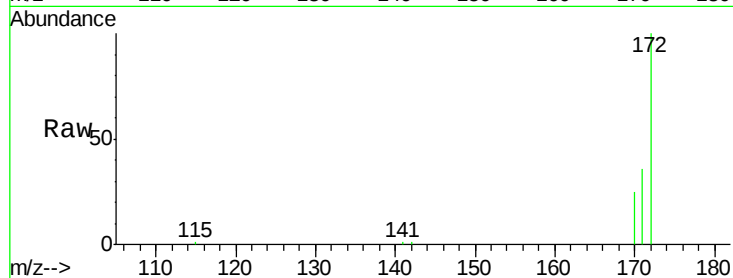
Tot Ion:172 Resp: 21114

Ion Ratio Lower Upper

172 100

171 36.0 30.1 45.1

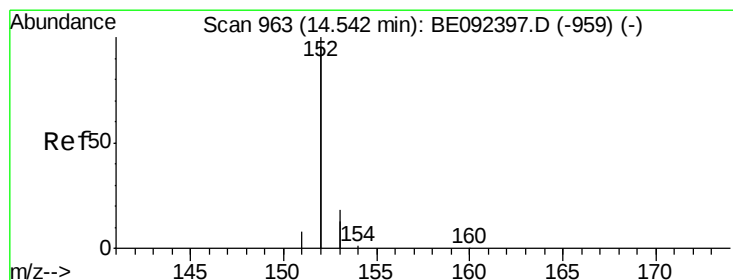
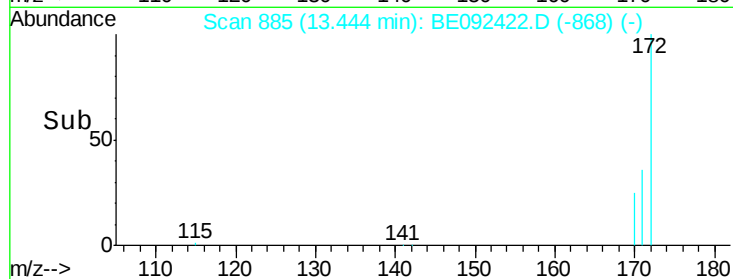
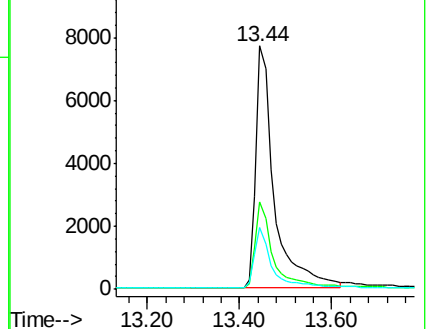
170 25.3 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#15

Acenaphthylene

Concen: 0.00 ng

RT: 14.54 min Scan# 964

Delta R.T. 0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

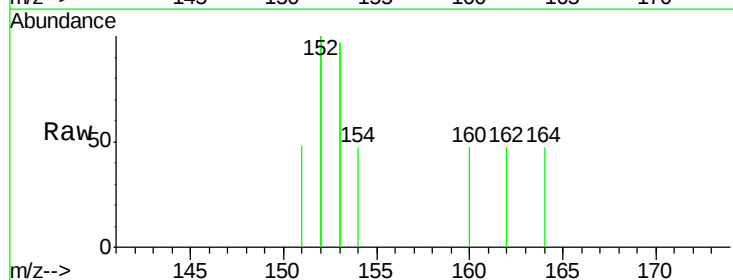
Tgt Ion:152 Resp: 16

Ion Ratio Lower Upper

152 100

151 0.0 3.9 5.9#

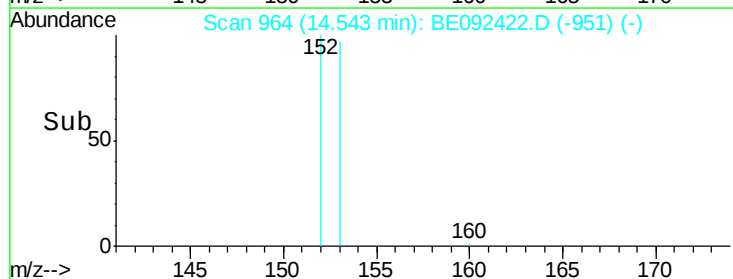
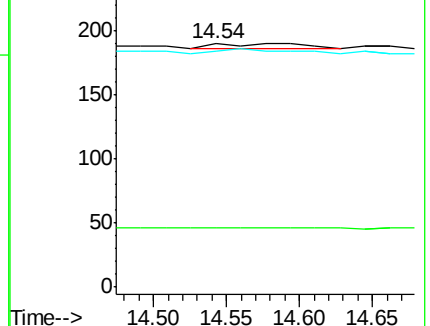
153 87.5 10.4 15.6#

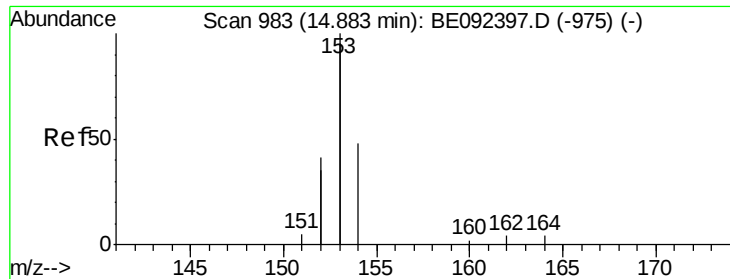


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#16

Acenaphthene

Concen: 0.02 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.07 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

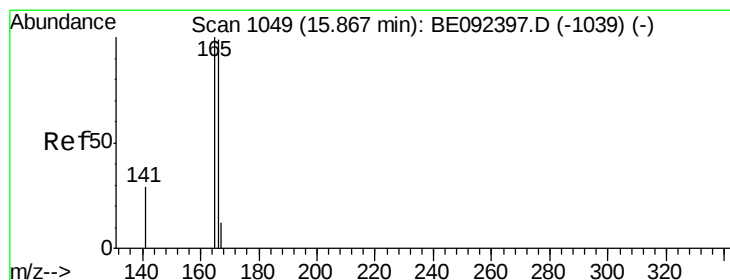
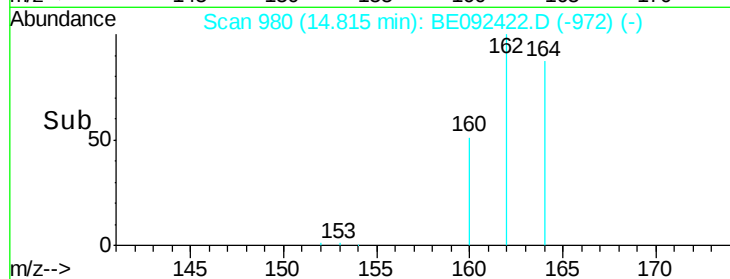
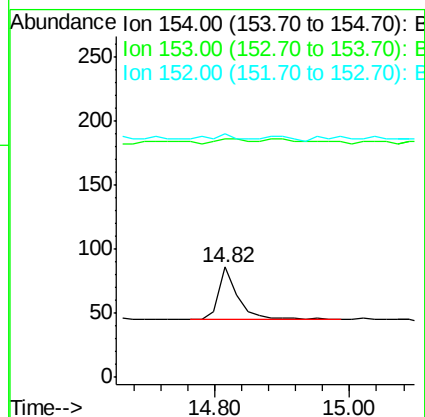
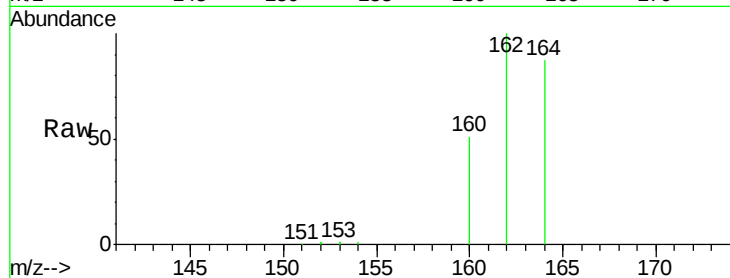
Tot Ion:154 Resp: 81

Ion Ratio Lower Upper

154 100

153 14.8 350.8 526.2#

152 7.4 171.1 256.7#



#17

Fluorene

Concen: 0.00 ng

RT: 15.90 min Scan# 1053

Delta R.T. 0.04 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

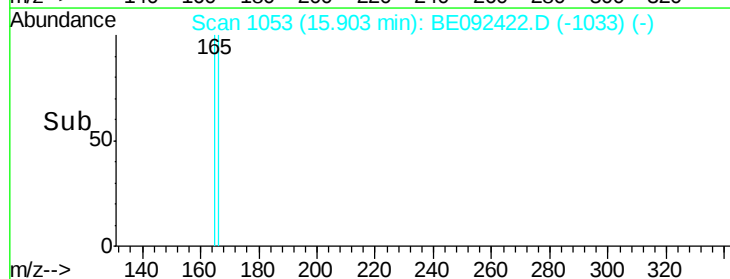
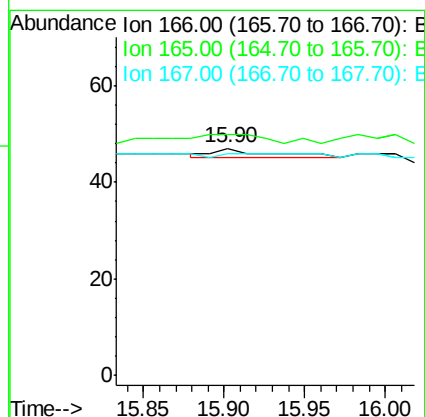
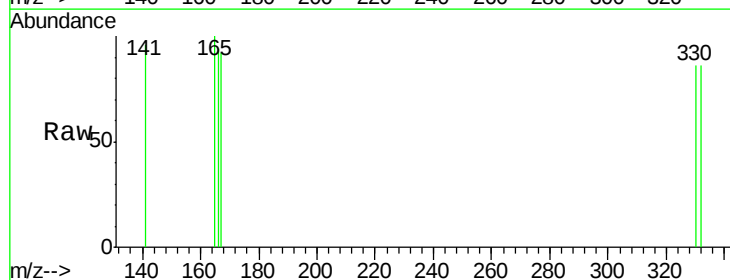
Tgt Ion:166 Resp: 6

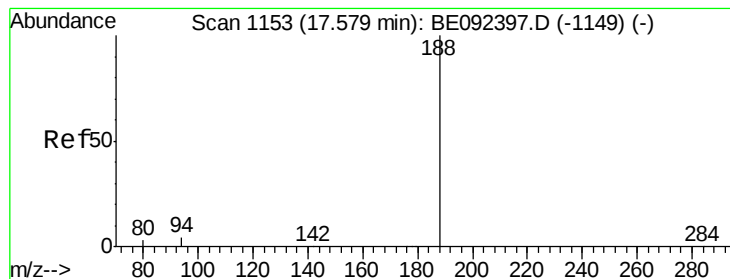
Ion Ratio Lower Upper

166 100

165 133.3 78.2 117.4#

167 66.7 11.0 16.4#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

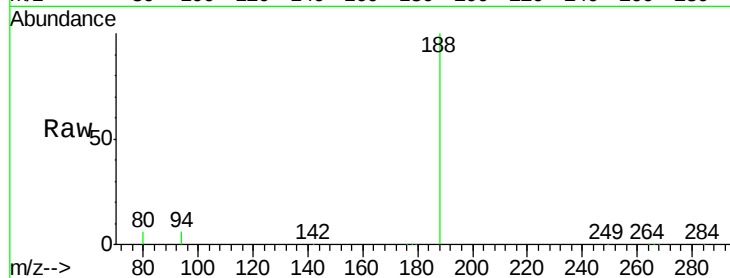
Tot Ion:188 Resp: 45230

Ion Ratio Lower Upper

188 100

94 6.0 3.2 4.8#

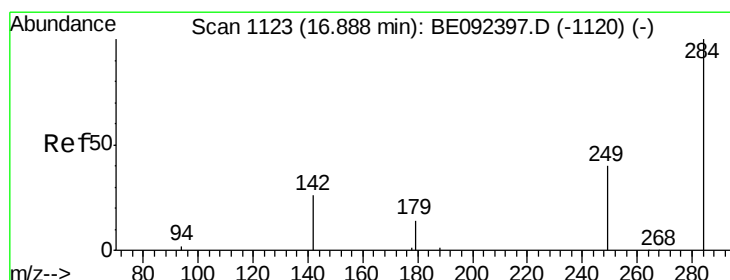
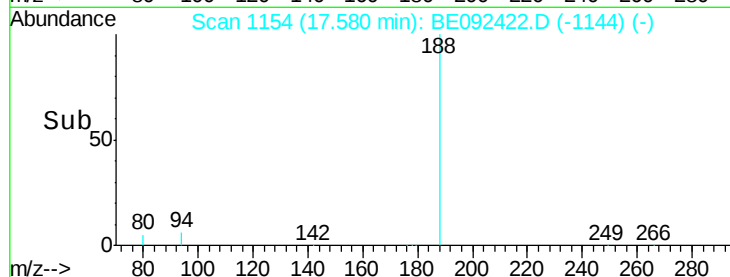
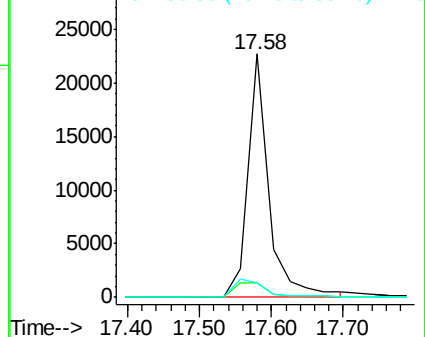
80 5.7 2.6 3.8#



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



#19

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.89 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

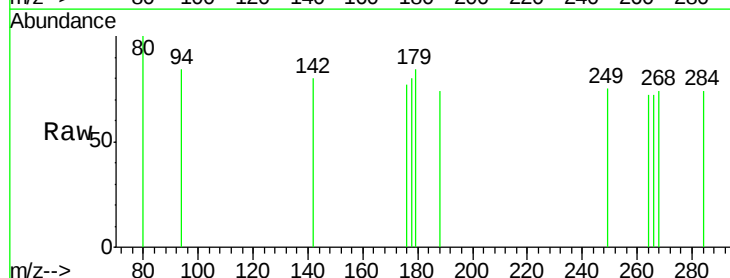
Tgt Ion:284 Resp: 6

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

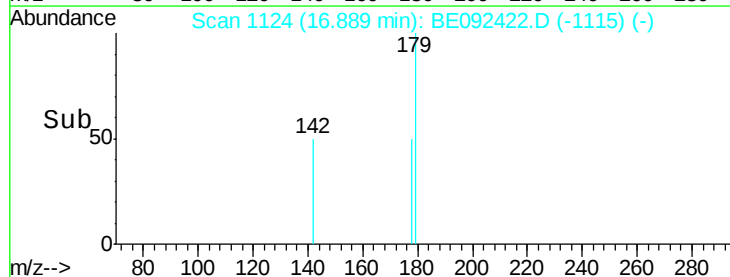
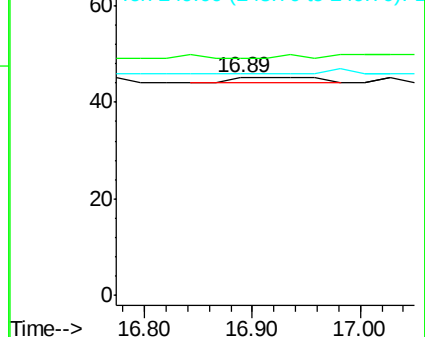
249 0.0 27.9 41.9#

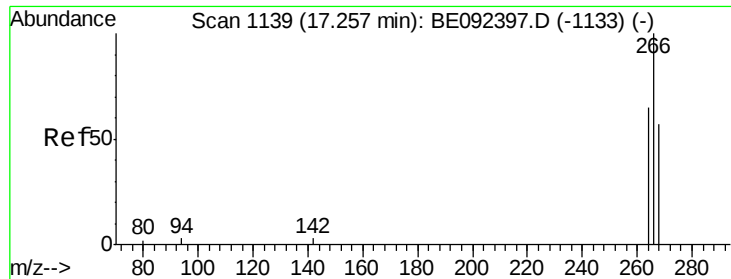


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#20

Pentachlorophenol

Concen: 0.19 ng

RT: 17.23 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

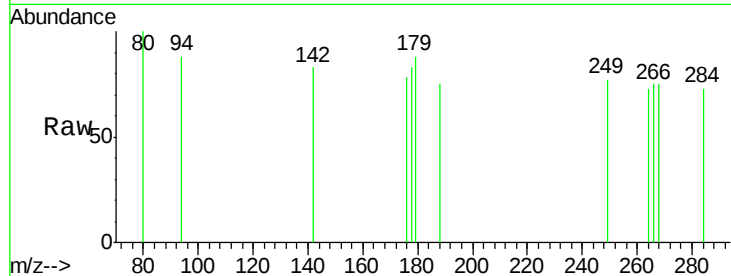
Tot Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

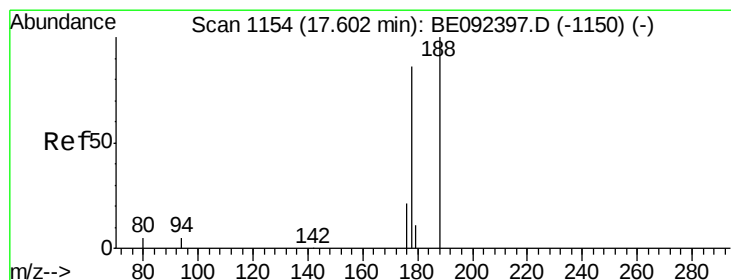
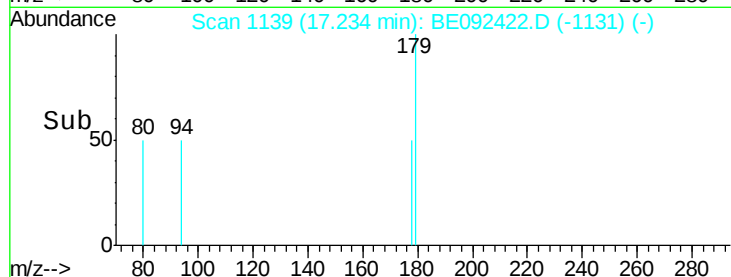
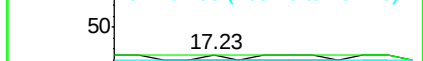
264 97.8 57.2 85.8#



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



#21

Phenanthrene

Concen: 0.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

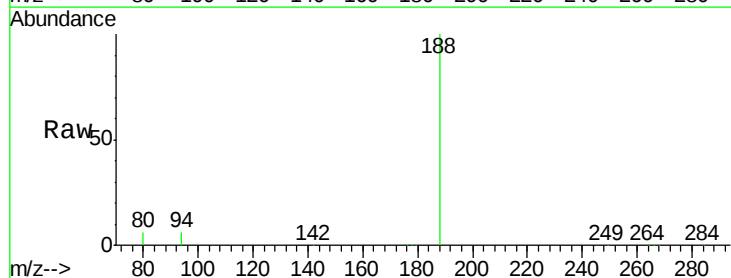
Tgt Ion:178 Resp: 48

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.8

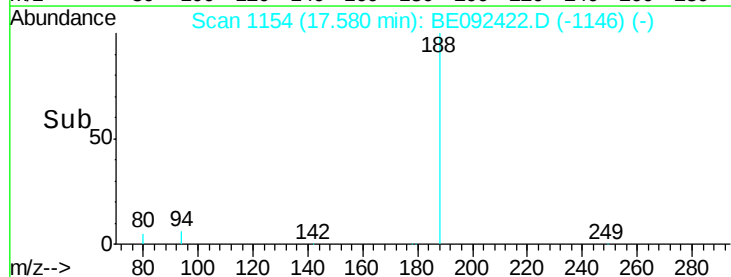
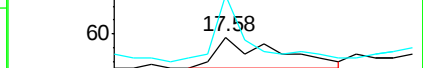
179 112.5 16.0 24.0#

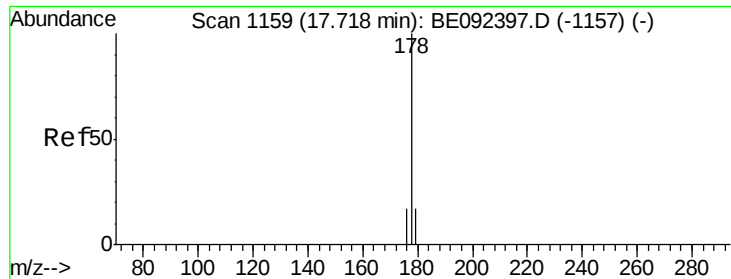


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#22

Anthracene

Concen: 0.00 ng

RT: 17.74 min Scan# 1161

Delta R.T. 0.05 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

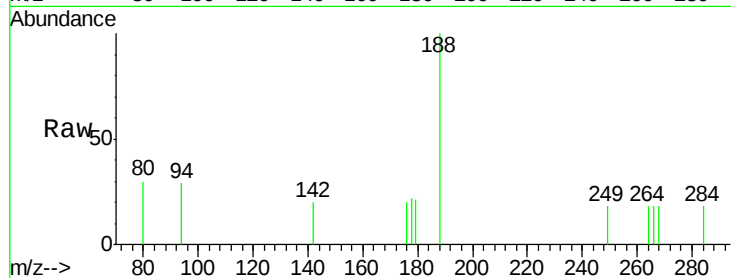
Tot Ion:178 Resp: 3

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

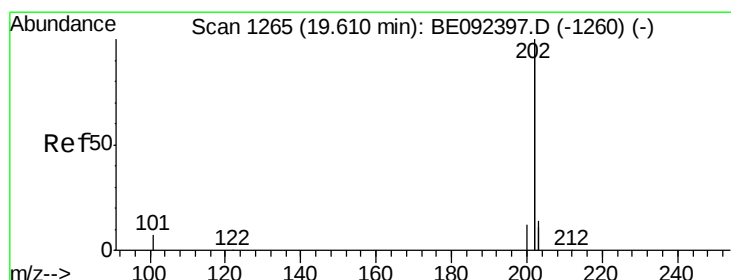
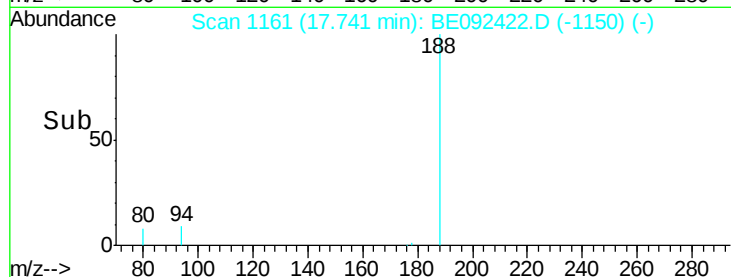
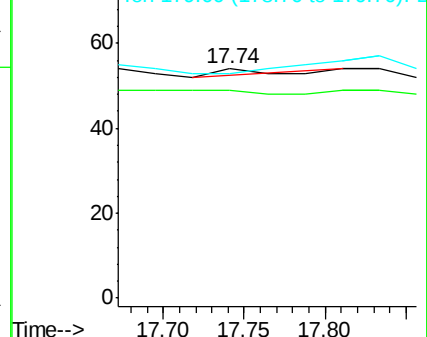
179 0.0 12.2 18.2#



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



#23

Fluoranthene

Concen: 0.02 ng

RT: 19.66 min Scan# 1269

Delta R.T. 0.05 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

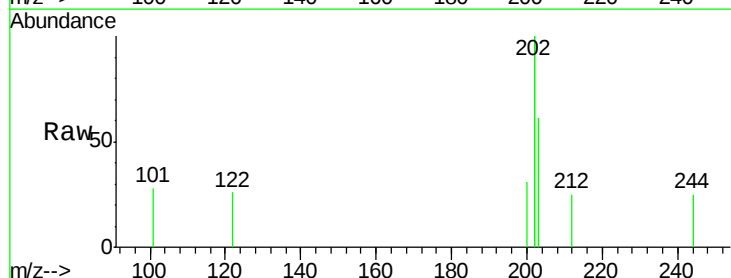
Tgt Ion:202 Resp: 775

Ion Ratio Lower Upper

202 100

101 3.5 2.2 3.4#

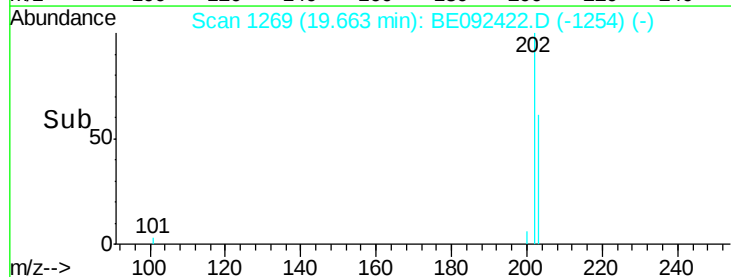
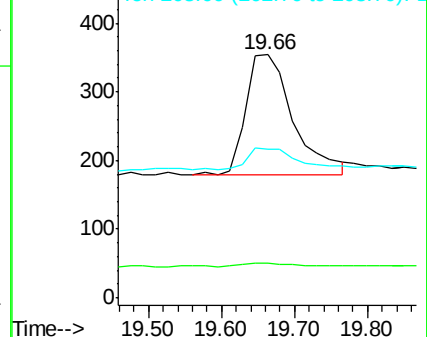
203 19.0 13.7 20.5

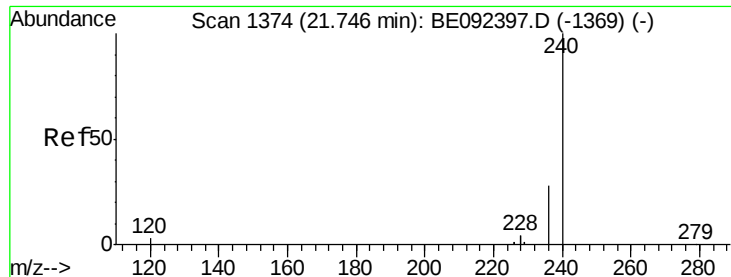


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

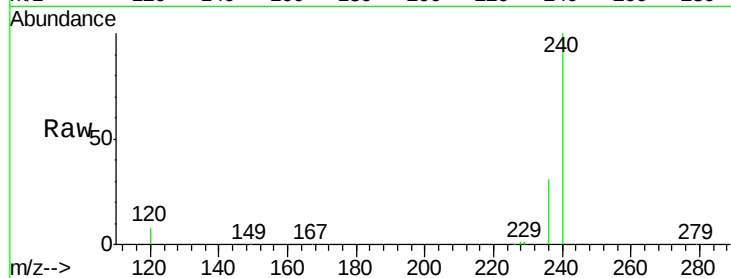
Tot Ion:240 Resp: 55636

Ion Ratio Lower Upper

240 100

120 8.3 2.6 4.0#

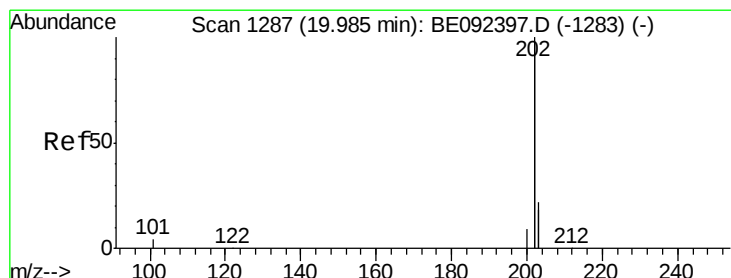
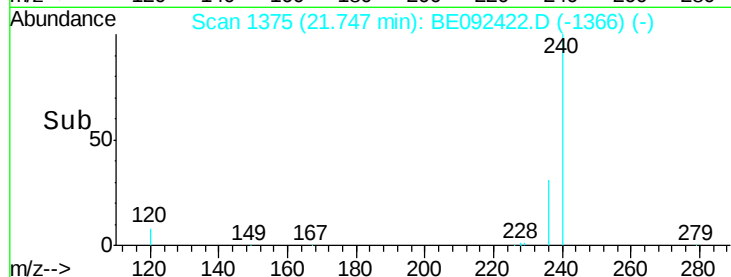
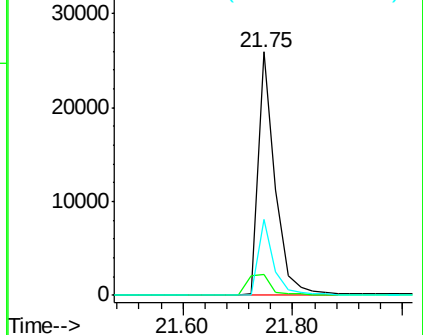
236 31.2 24.6 37.0



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



#25

Pyrene

Concen: 0.00 ng

RT: 20.02 min Scan# 1290

Delta R.T. 0.05 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

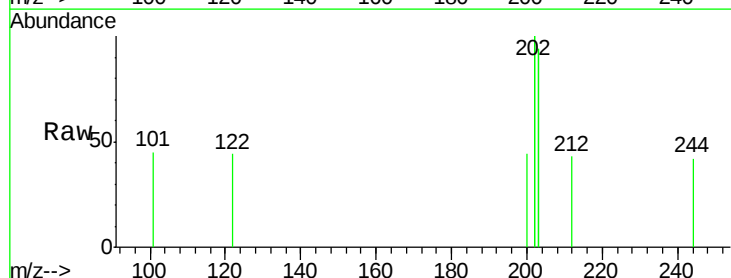
Tgt Ion:202 Resp: 74

Ion Ratio Lower Upper

202 100

200 2.7 4.2 6.4#

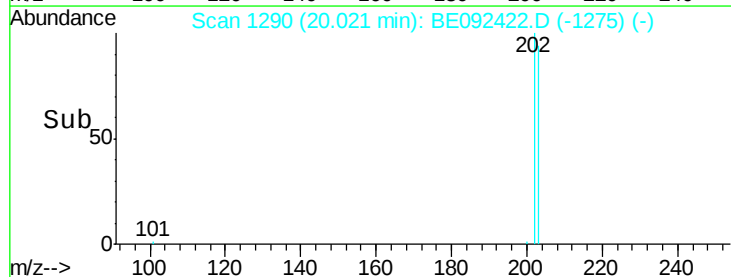
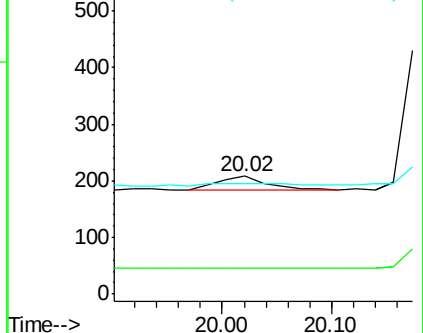
203 44.6 13.9 20.9#

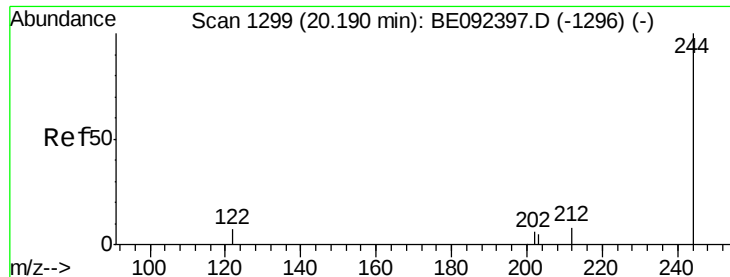


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

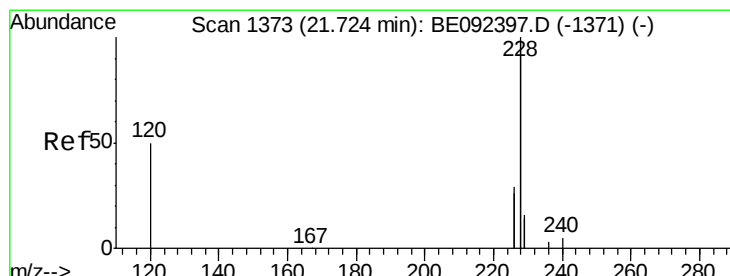
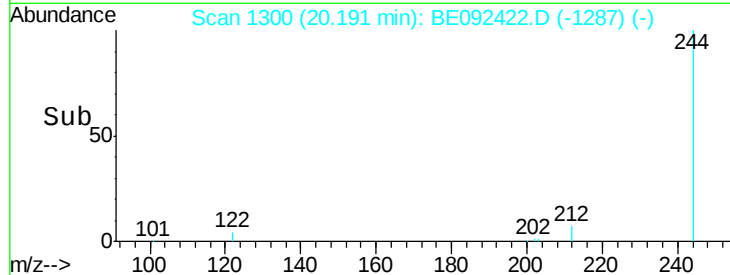
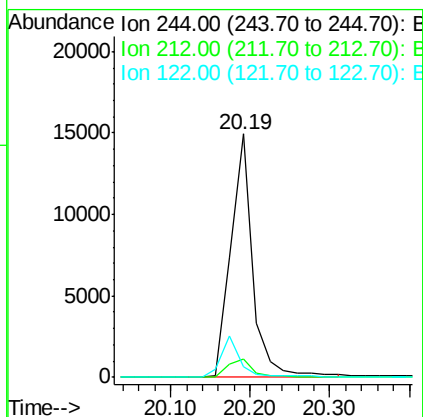
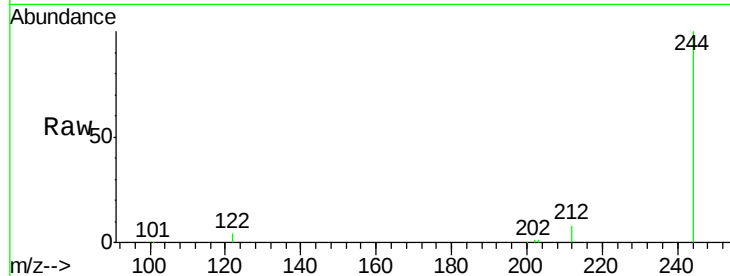




#26
 Terphenyl-d14
 Concen: 4.08 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092422.D
 Acq: 23 Sep 2016 19:11

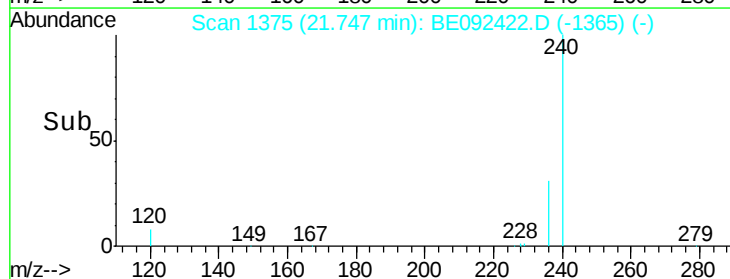
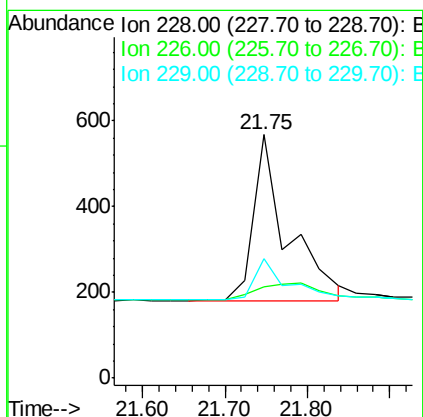
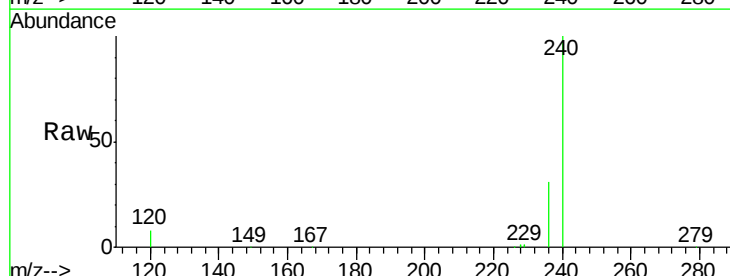
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-06-QT4

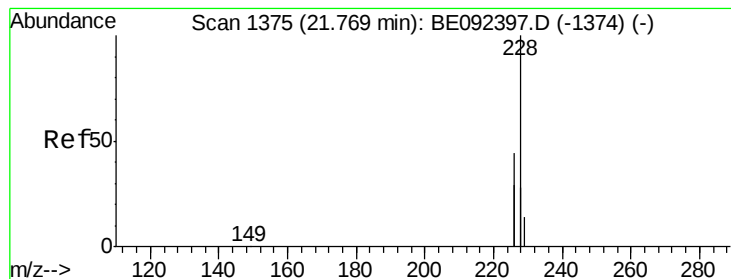
Tot Ion:244 Resp: 28135
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.7 10.1
 122 4.3 3.6 5.4



#27
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. 0.02 min
 Lab File: BE092422.D
 Acq: 23 Sep 2016 19:11

Tgt Ion:228 Resp: 1122
 Ion Ratio Lower Upper
 228 100
 226 37.7 23.6 35.4#
 229 49.3 13.3 19.9#





#28

Chrysene

Concen: 0.02 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

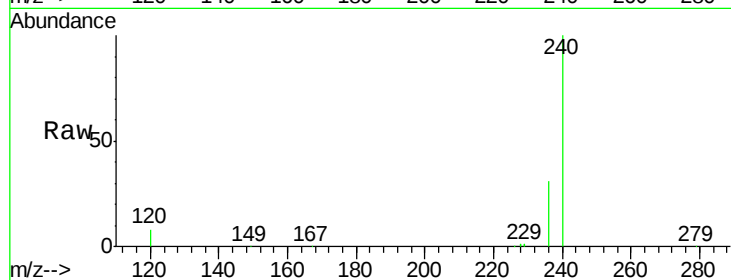
Tot Ion:228 Resp: 1166

Ion Ratio Lower Upper

228 100

226 37.7 36.3 54.5

229 49.3 10.6 16.0#



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

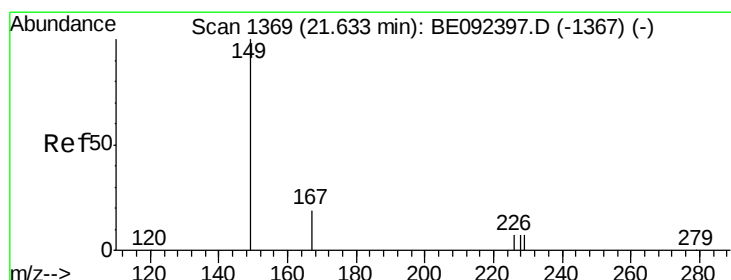
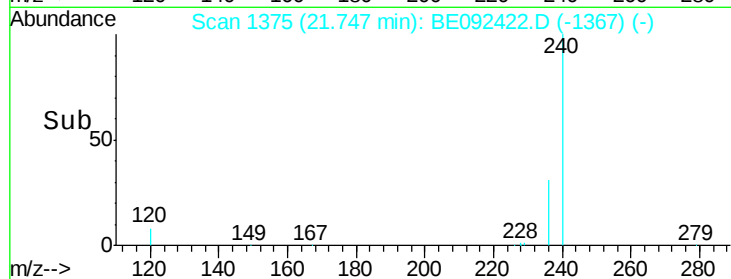
21.75

400

200

0

Time-->



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng

RT: 21.66 min Scan# 1371

Delta R.T. 0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

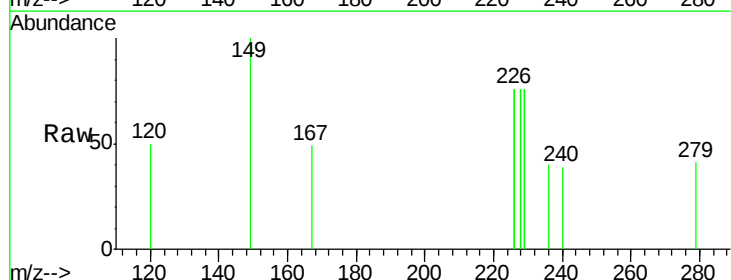
Tgt Ion:149 Resp: 122

Ion Ratio Lower Upper

149 100

167 14.8 16.0 24.0#

279 2.5 16.0 24.0#



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

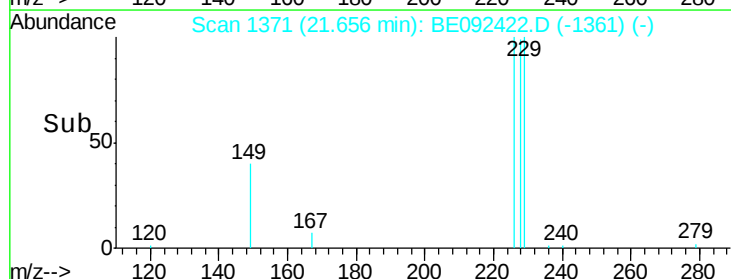
21.66

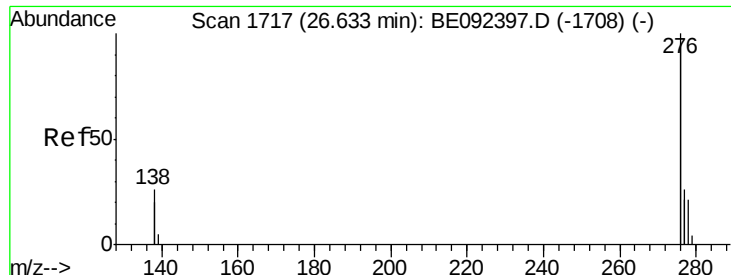
100

50

0

Time-->

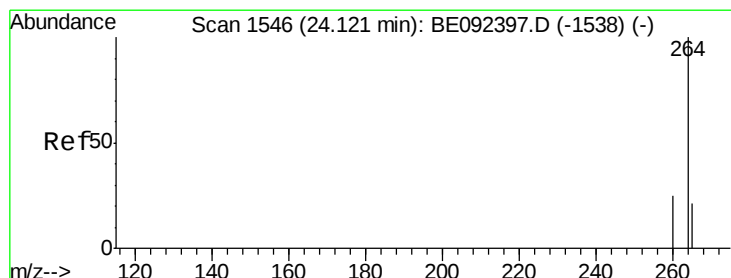
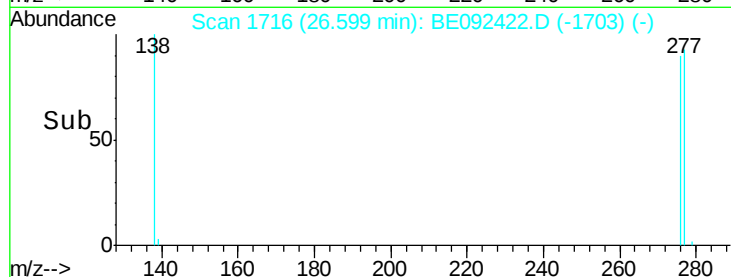
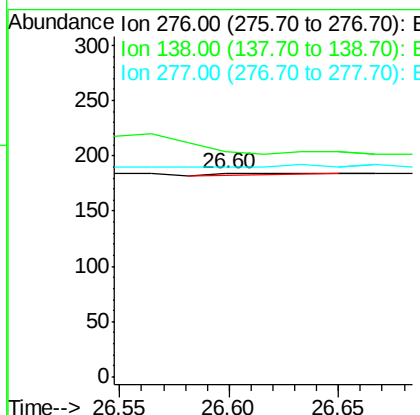
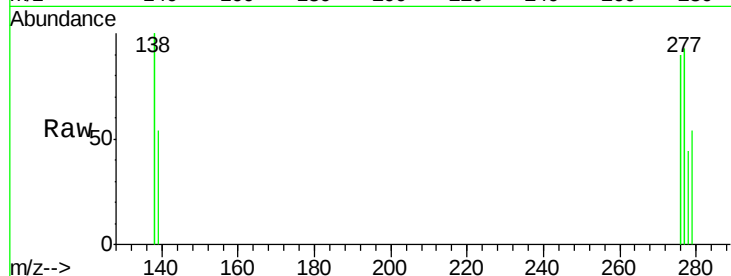




#30
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.60 min Scan# 1716
Delta R.T. 0.02 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

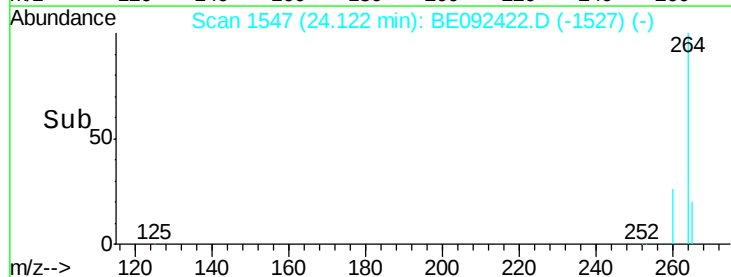
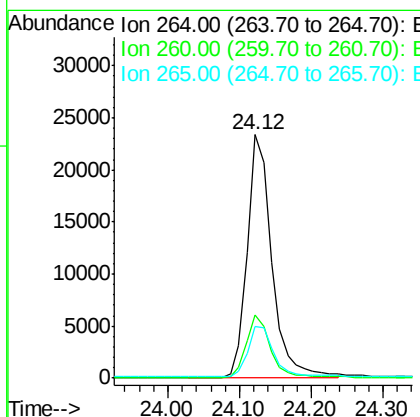
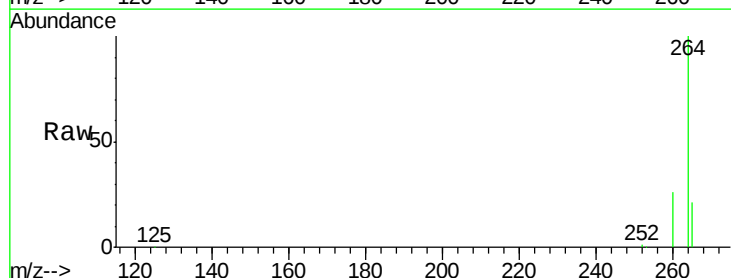
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-06-QT4

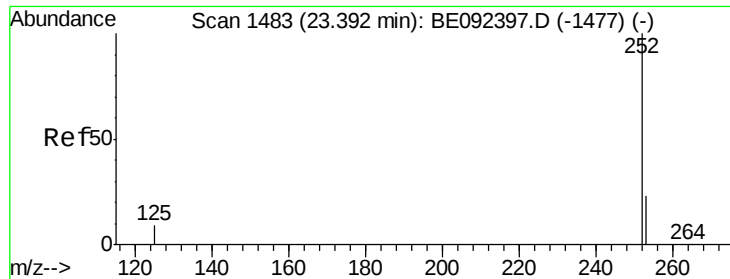
Tot Ion: 276 Resp: 4
Ion Ratio Lower Upper
276 100
138 0.0 20.3 30.5#
277 0.0 19.7 29.5#



#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.03 min
Lab File: BE092422.D
Acq: 23 Sep 2016 19:11

Tgt Ion: 264 Resp: 56184
Ion Ratio Lower Upper
264 100
260 25.9 20.1 30.1
265 21.0 17.9 26.9





#32

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 23.40 min Scan# 1485

Delta R.T. 0.05 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

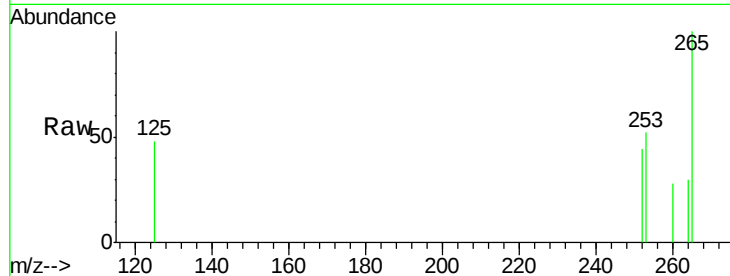
Tot Ion:252 Resp: 52

Ion Ratio Lower Upper

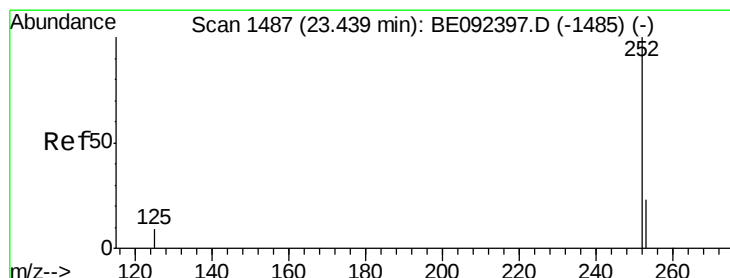
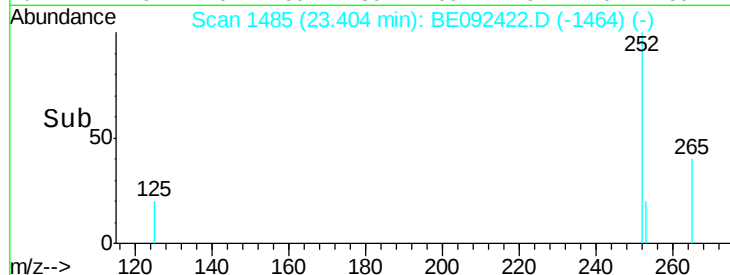
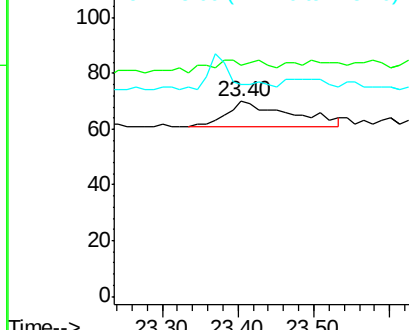
252 100

253 118.6 18.7 28.1#

125 108.6 10.5 15.7#



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



#33

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 23.40 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

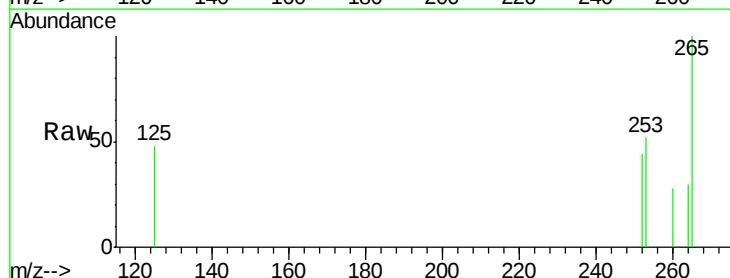
Tgt Ion:252 Resp: 57

Ion Ratio Lower Upper

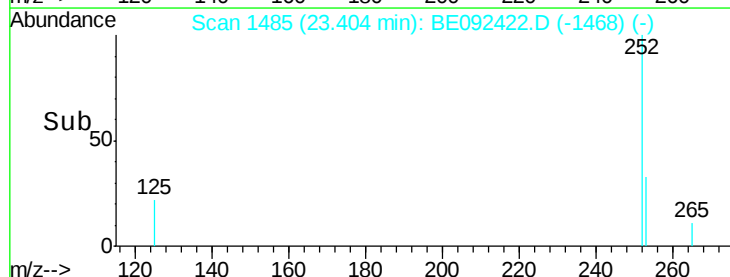
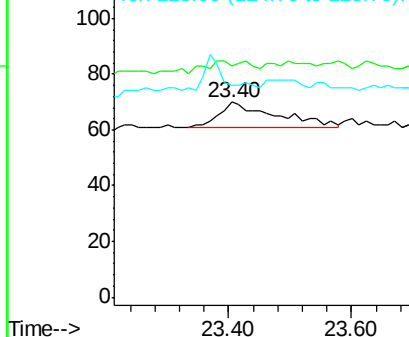
252 100

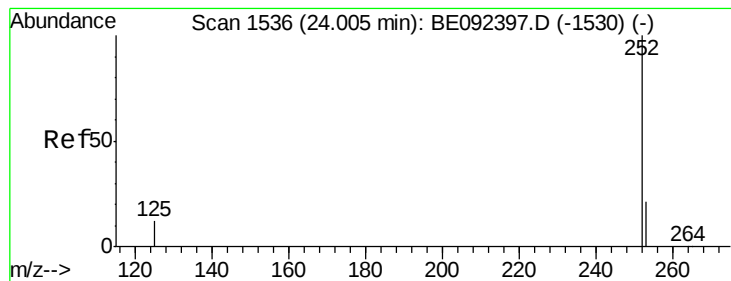
253 118.6 20.3 30.5#

125 108.6 9.6 14.4#



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





#34

Benzo(a)pyrene

Concen: 0.00 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4

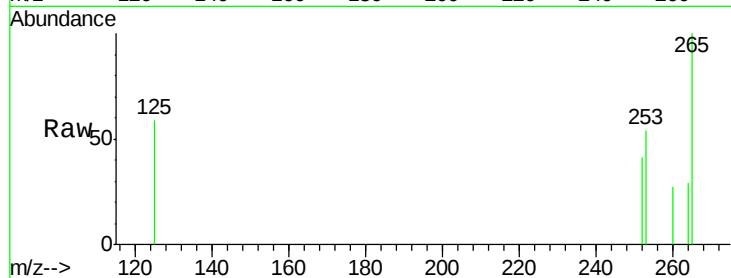
Tot Ion: 252 Resp: 19

Ion Ratio Lower Upper

252 100

253 129.4 19.0 28.6#

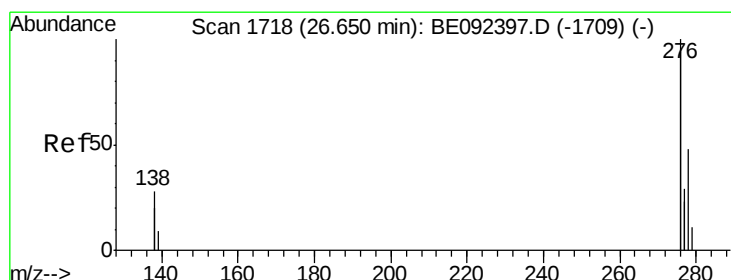
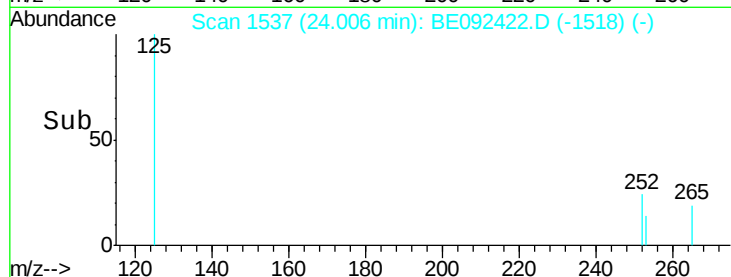
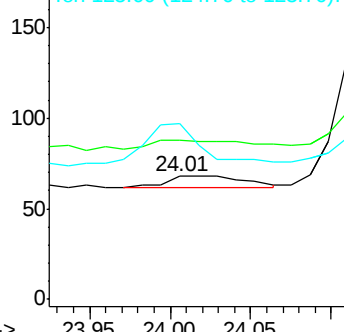
125 142.6 11.8 17.8#



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



#35

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.02 min

Lab File: BE092422.D

Acq: 23 Sep 2016 19:11

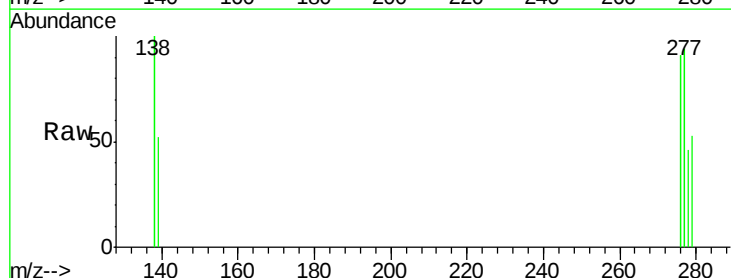
Tgt Ion: 278 Resp: 2

Ion Ratio Lower Upper

278 100

139 115.2 13.8 20.8#

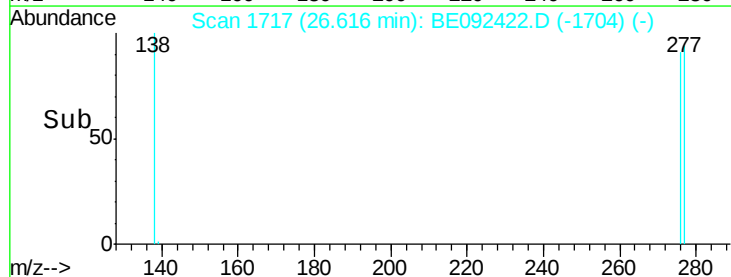
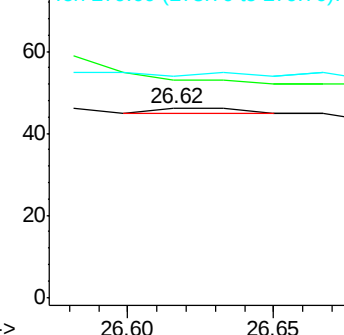
279 117.4 21.4 32.2#

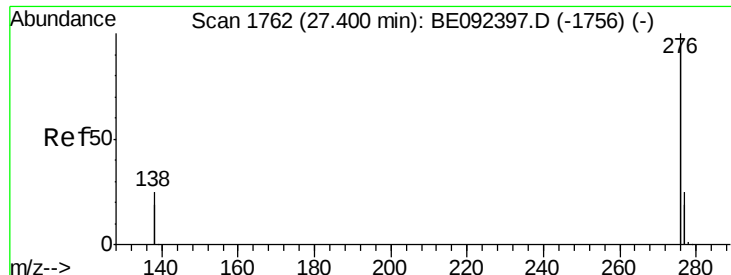


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#36

Benzo(a,h,i)perylene

Concen: 0.00 ng

RT: 27.37 min Scan# 1761

Delta R.T. 0.02 min

Lab File: BE092422.D

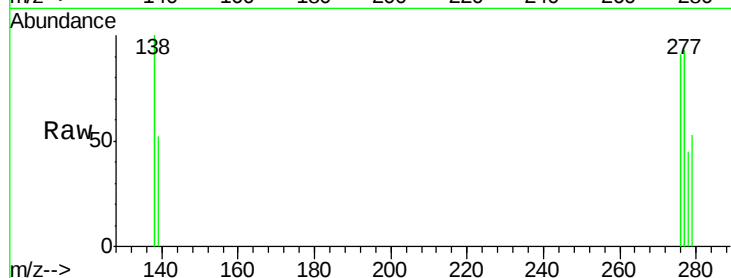
Acq: 23 Sep 2016 19:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-06-QT4



Tot Ion: 276 Resp: 8

Ion Ratio Lower Upper

276 100

277 102.2 19.8 29.8#

138 109.7 19.8 29.6#

