

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070516\
 Data File : BE091978.D
 Acq On : 6 Jul 2016 1:33
 Operator : UM/SJ
 Sample : H3606-06
 Misc : LOQ1.0
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Jul 06 05:55:13 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 16:14:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	22198	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	101805	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	72225	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	155148	5.00	ng	0.00
31) Chrysene-d12	21.76	240	299160	5.00	ng	0.00
40) Perylene-d12	24.17	264	223376	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	32002	6.03	ng	0.00
5) Phenol-d6	7.35	99	42476	5.76	ng	-0.02
9) Nitrobenzene-d5	9.37	82	23910	3.45	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	11528	4.52	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	62188	3.53	ng	0.00
34) Terphenyl-d14	20.22	244	97492	2.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	458	0.15	ng	96
3) n-Nitrosodimethylamine	3.83	42	371	0.13	ng	# 1
6) bis(2-Chloroethyl)ether	7.61	93	733	0.11	ng	92
7) n-Nitroso-di-n-propylamine	9.02	70	679	0.11	ng	# 95
10) Nitrobenzene	9.40	77	1064	0.14	ng	# 90
11) bis(2-Chloroethoxy)methane	10.47	93	1024	0.12	ng	# 20
12) Naphthalene	11.04	128	3226	0.14	ng	# 95
13) Hexachlorobutadiene	11.34	225	484	0.13	ng	97
14) 2-Methylnaphthalene	12.69	142	2002	0.13	ng	98
18) Acenaphthylene	14.56	152	10963	0.12	ng	# 60
19) 2,6-Dinitrotoluene	14.47	165	1125	0.18	ng	# 10
20) Acenaphthene	14.92	154	2786	0.14	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	4197	0.40	ng	# 63
22) Fluorene	15.91	166	2730	0.13	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	1339	0.13	ng	93
25) 4-Bromophenyl-phenylether	16.80	248	862	0.13	ng	100
26) Hexachlorobenzene	16.90	284	923	0.14	ng	99
27) Pentachlorophenol	17.28	266	112	0.16	ng	# 76
28) Phenanthrene	17.64	178	5848	0.14	ng	98
29) Anthracene	17.73	178	4741	0.13	ng	99
30) Fluoranthene	19.65	202	24619	0.14	ng	# 88
32) Benzidine	19.86	184	1030	0.26	ng	# 73
33) Pyrene	20.02	202	25027	0.11	ng	# 80
35) Benzo(a)anthracene	21.79	228	17737	0.35	ng	# 90
37) Chrysene	21.79	228	17981	0.25	ng	99
38) Bis(2-ethylhexyl)phthalate	21.64	149	5303	0.09	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.70	276	31406	0.11	ng	98
41) Benzo(b)fluoranthene	23.43	252	7687	0.12	ng	97
42) Benzo(k)fluoranthene	23.48	252	7469	0.13	ng	98
43) Benzo(a)pyrene	24.06	252	7098	0.12	ng	98
44) Dibenzo(a,h)anthracene	26.72	278	6378	0.12	ng	# 94
45) Benzo(g,h,i)perylene	27.47	276	28041	0.13	ng	96

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070516\
Data File : BE091978.D
Acq On : 6 Jul 2016 1:33
Operator : UM/SJ
Sample : H3606-06
Misc : LOQ1.0
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Quant Time: Jul 06 05:55:13 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

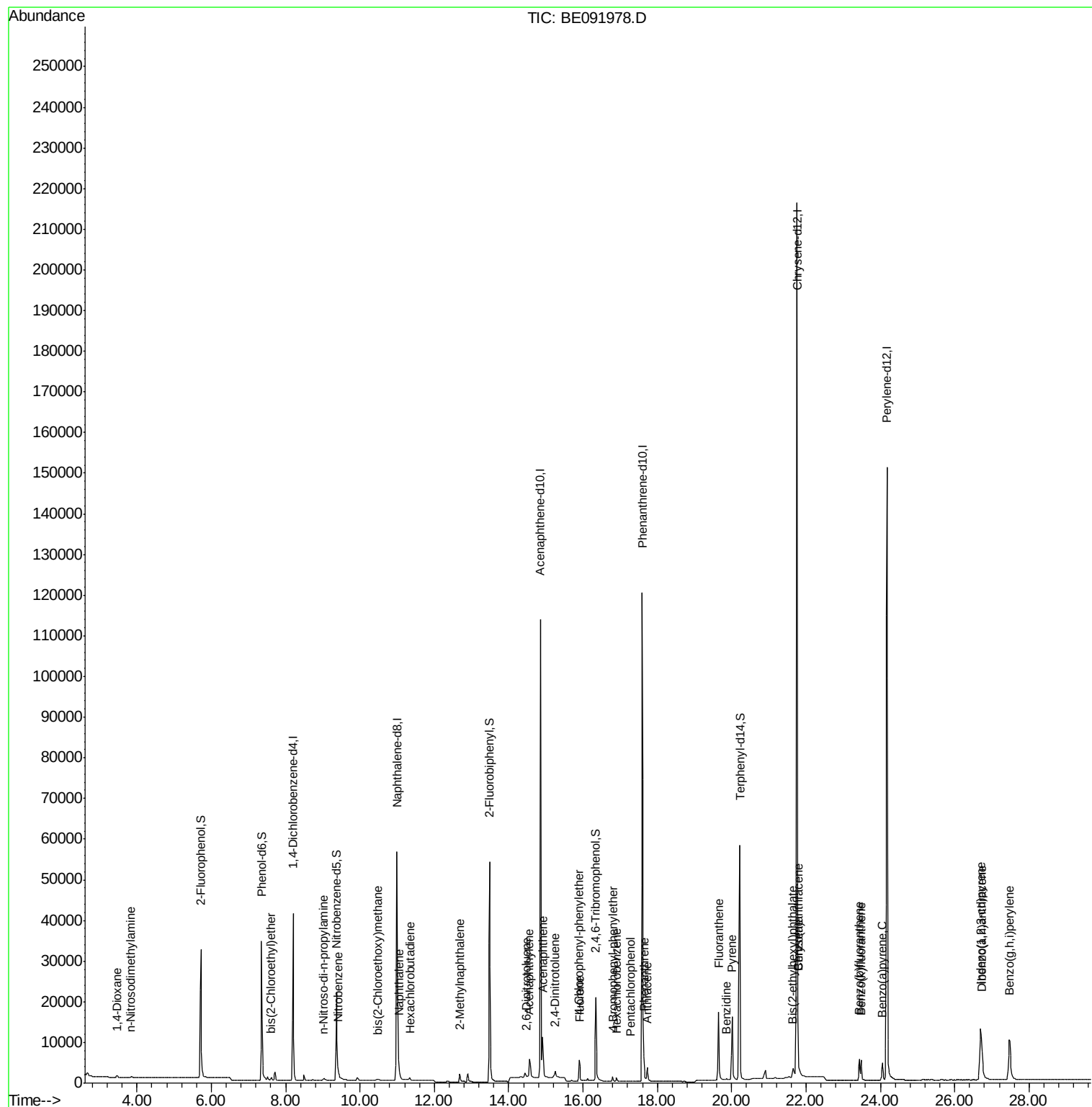
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

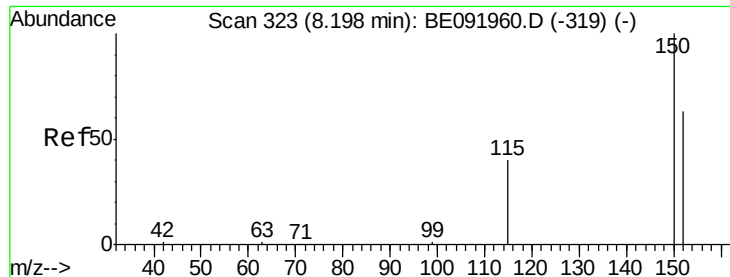
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070516\
Data File : BE091978.D
Acq On : 6 Jul 2016 1:33
Operator : UM/SJ
Sample : H3606-06
Misc : LOQ1.0
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Quant Time: Jul 06 05:55:13 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

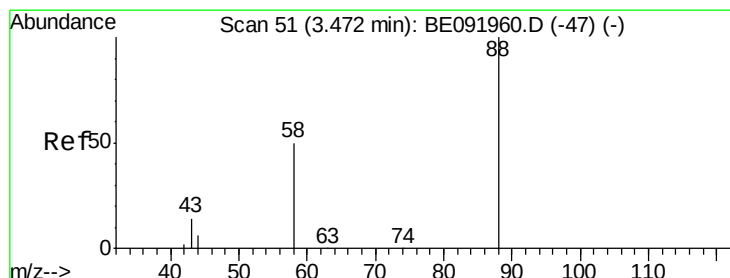
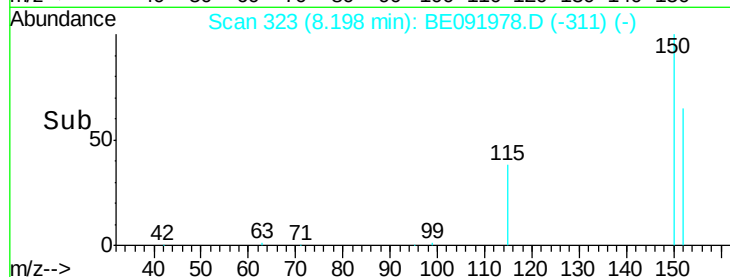
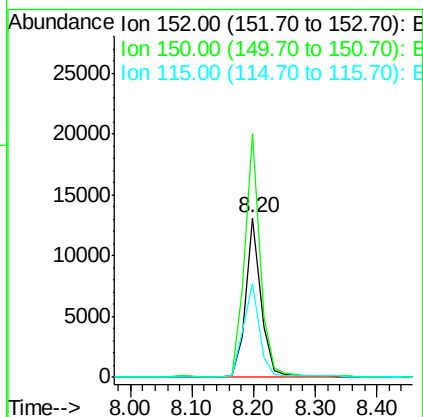
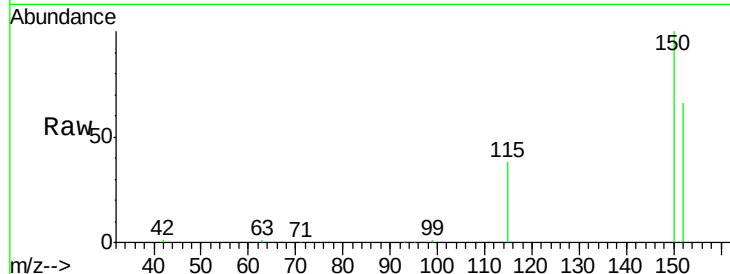




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.20 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BE091978.D
 Acq: 6 Jul 2016 1:33

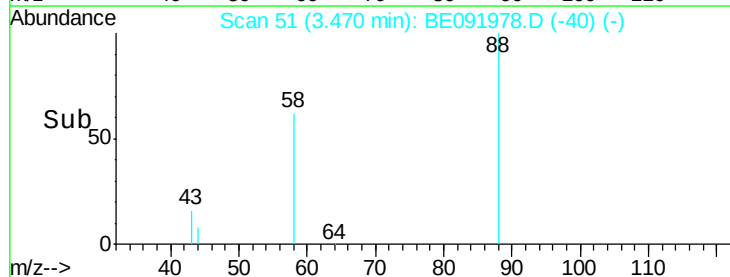
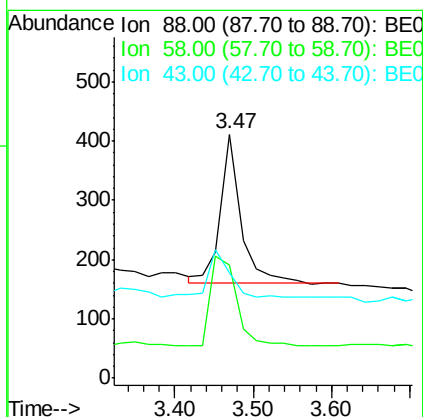
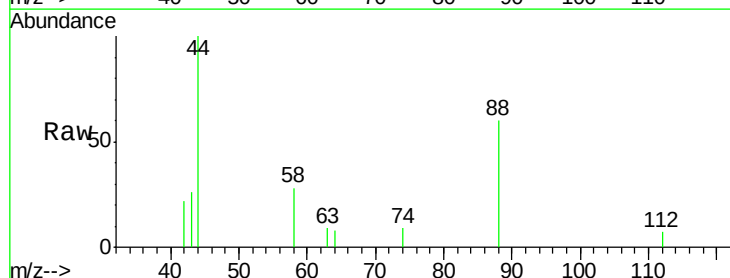
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

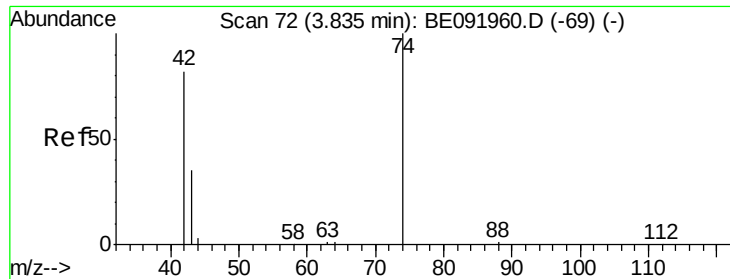
Tgt Ion: 152 Resp: 22198
 Ion Ratio Lower Upper
 152 100
 150 152.6 123.9 185.9
 115 58.7 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.15 ng
 RT: 3.47 min Scan# 51
 Delta R.T. -0.00 min
 Lab File: BE091978.D
 Acq: 6 Jul 2016 1:33

Tgt Ion: 88 Resp: 458
 Ion Ratio Lower Upper
 88 100
 58 75.5 63.0 94.4
 43 33.8 29.1 43.7





#3

n-Nitrosodimethylamine

Concen: 0.13 ng

RT: 3.83 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

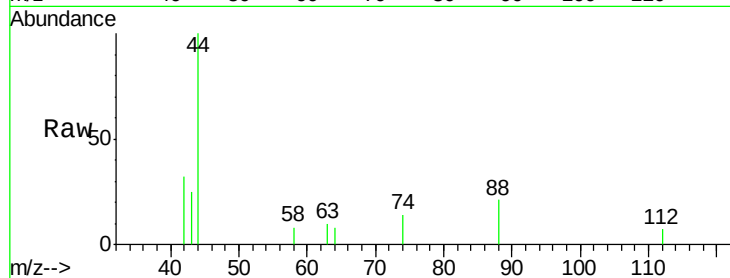
Tgt Ion: 42 Resp: 371

Ion Ratio Lower Upper

42 100

74 0.0 93.4 140.0#

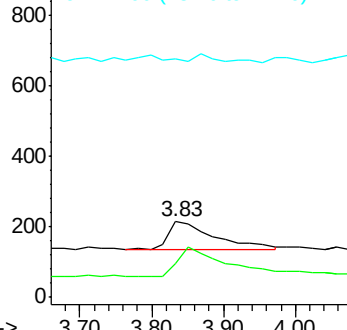
44 0.0 5.0 7.6#



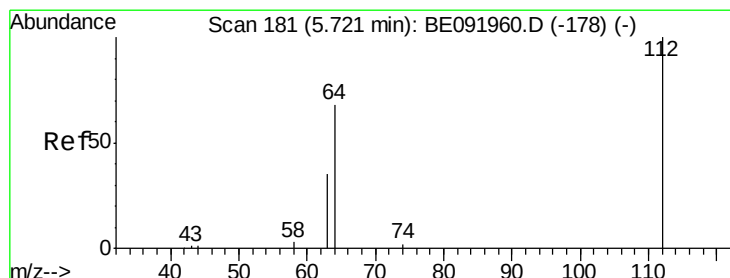
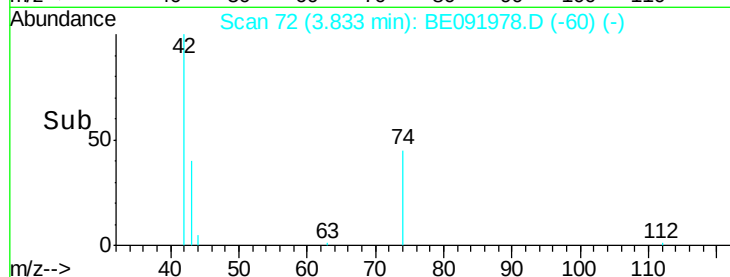
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 6.03 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

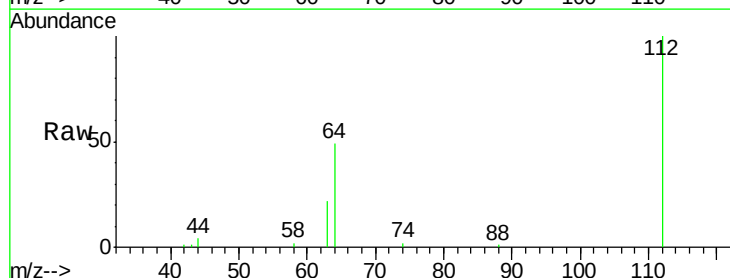
Tgt Ion: 112 Resp: 32002

Ion Ratio Lower Upper

112 100

64 67.2 53.7 80.5

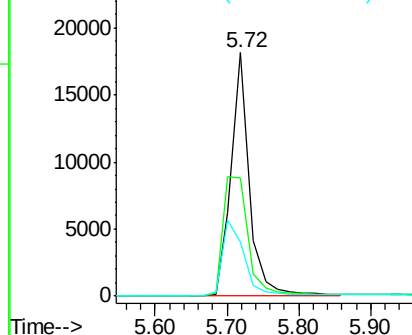
63 36.3 29.5 44.3



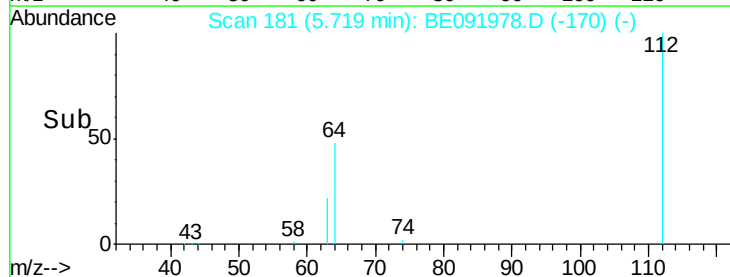
Abundance Ion 112.00 (111.70 to 112.70): E

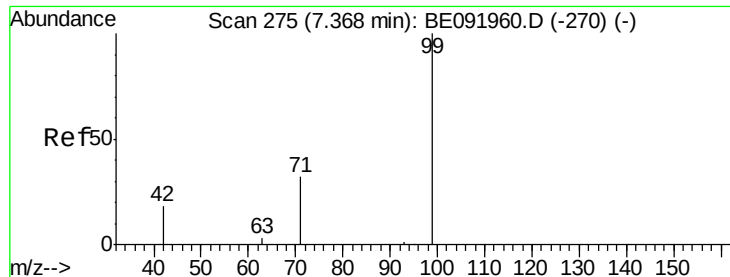
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 5.76 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

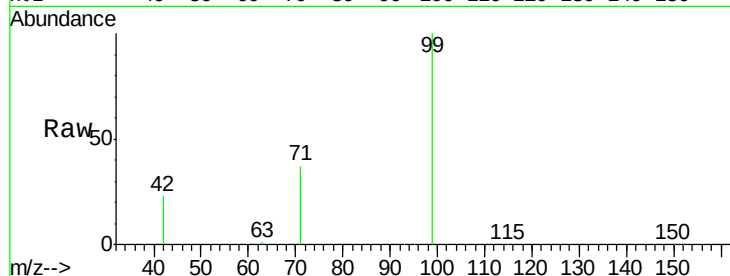
Tgt Ion: 99 Resp: 42476

Ion Ratio Lower Upper

99 100

42 24.3 19.6 29.4

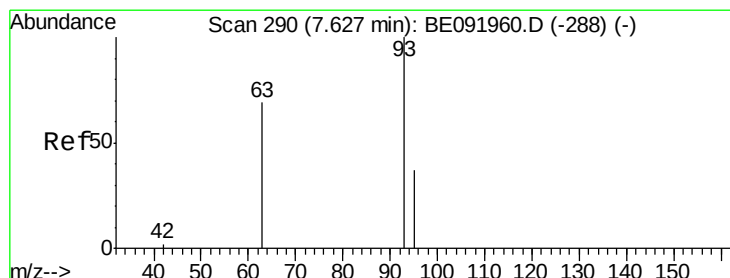
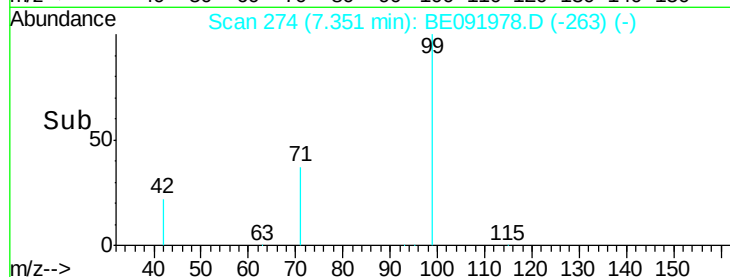
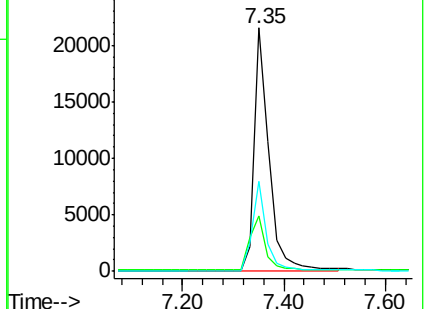
71 35.4 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.02 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

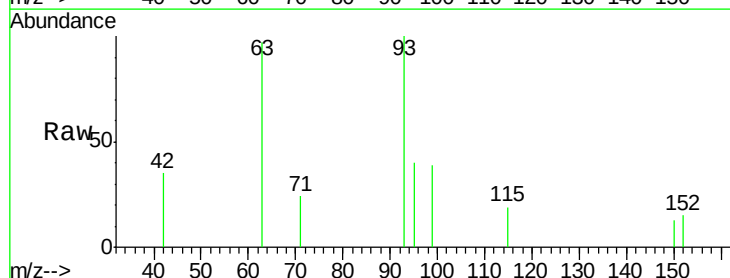
Tgt Ion: 93 Resp: 733

Ion Ratio Lower Upper

93 100

63 91.4 66.2 99.4

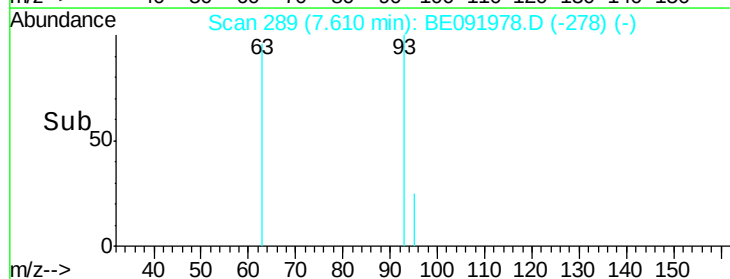
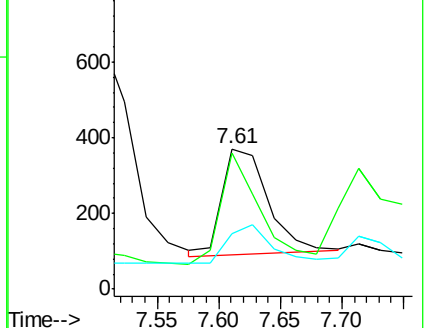
95 34.8 25.5 38.3

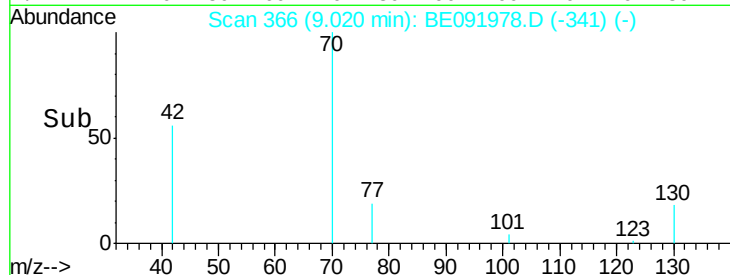
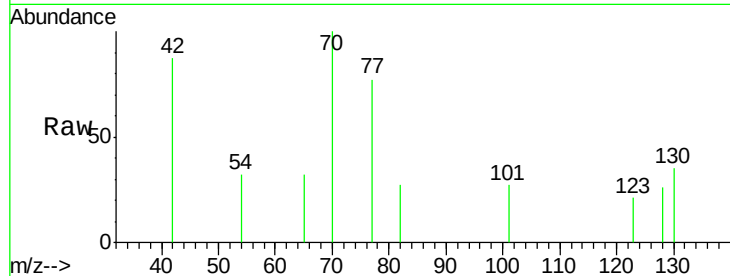
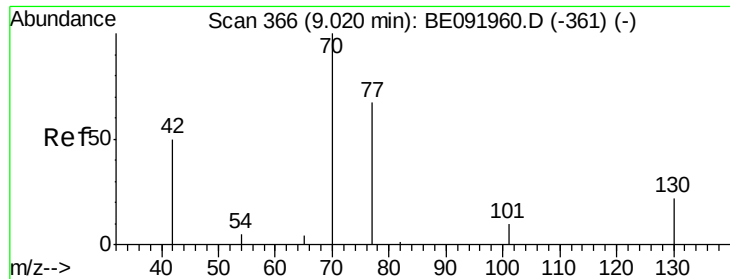


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.11 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion: 70 Resp: 679

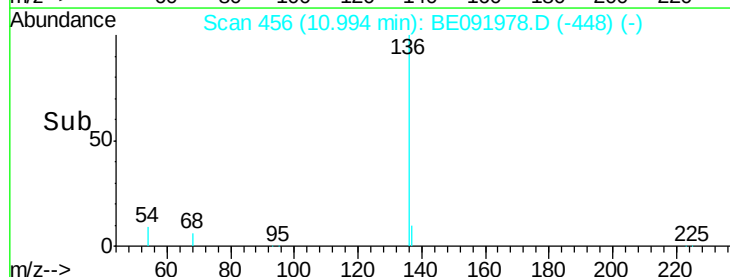
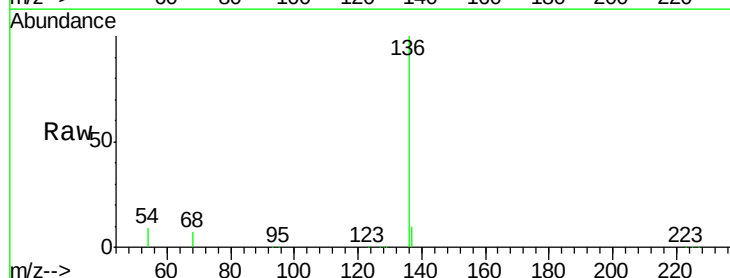
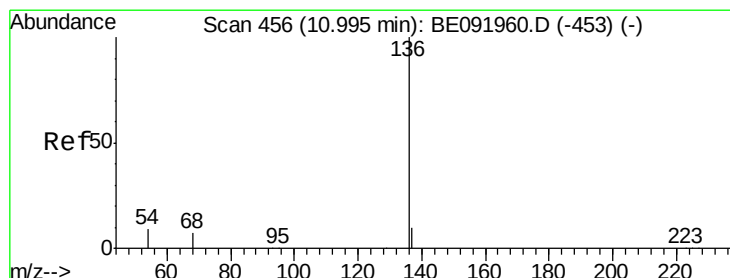
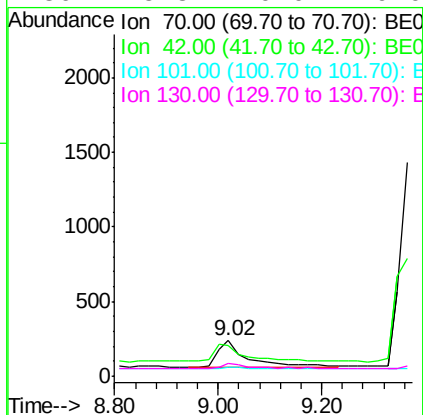
Ion Ratio Lower Upper

70 100

42 77.9 58.4 87.6

101 7.4 6.4 9.6

130 15.8 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Tgt Ion: 136 Resp: 101805

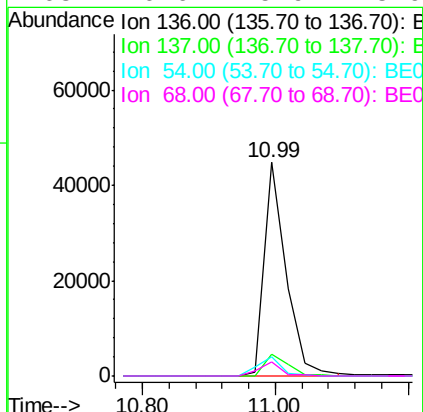
Ion Ratio Lower Upper

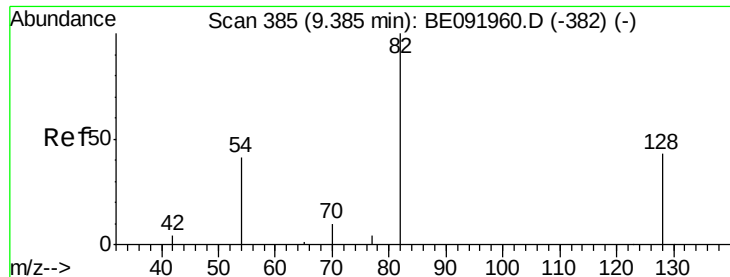
136 100

137 10.2 8.3 12.5

54 8.9 8.2 12.4

68 6.6 5.9 8.9





#9

Nitrobenzene-d5

Concen: 3.45 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

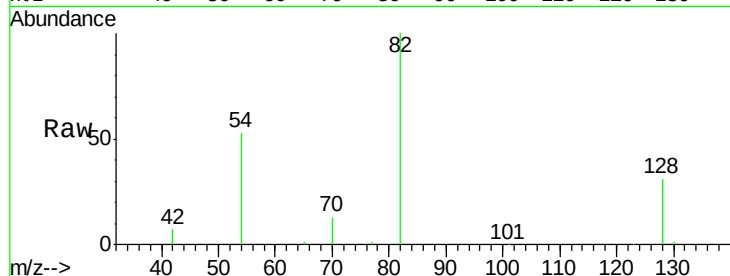
Tgt Ion: 82 Resp: 23910

Ion Ratio Lower Upper

82 100

128 31.2 39.5 59.3#

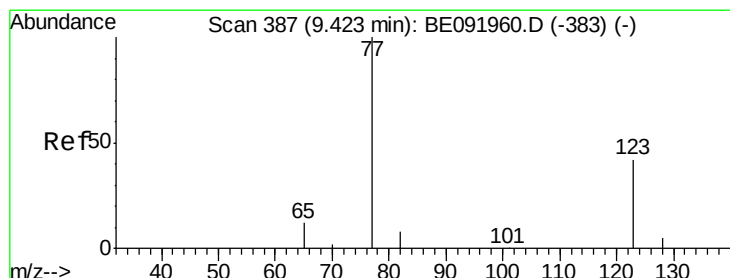
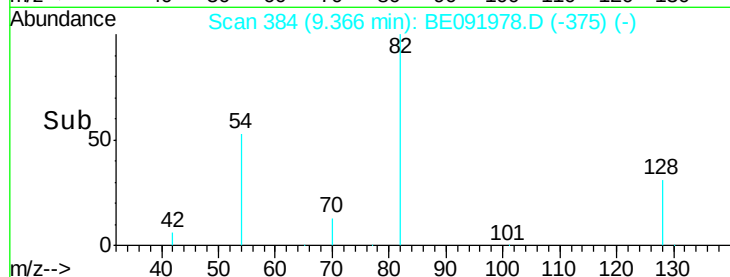
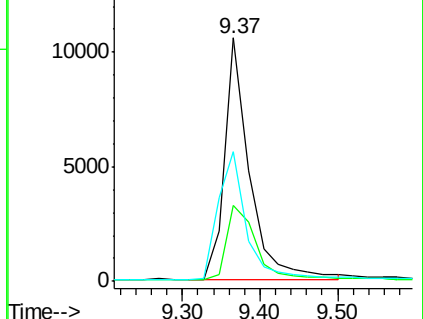
54 53.1 30.3 45.5#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 0.14 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

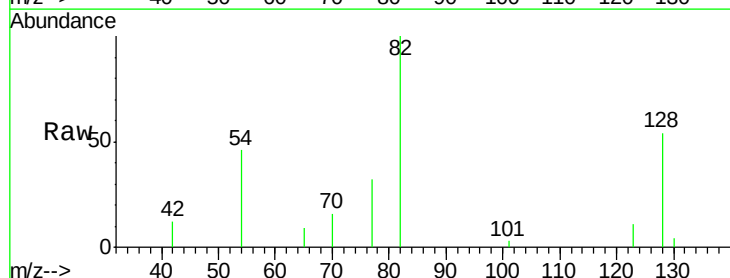
Tgt Ion: 77 Resp: 1064

Ion Ratio Lower Upper

77 100

123 38.1 0.0 0.0#

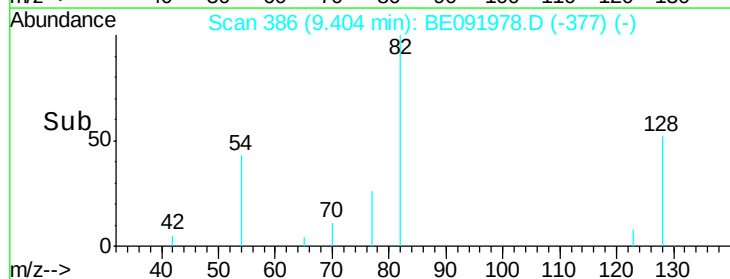
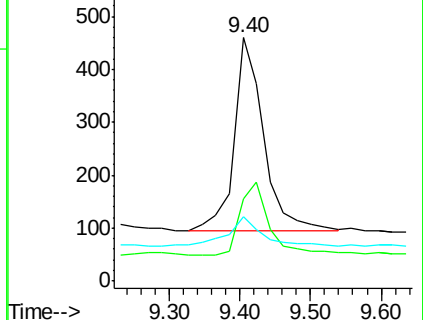
65 18.0 11.1 16.7#

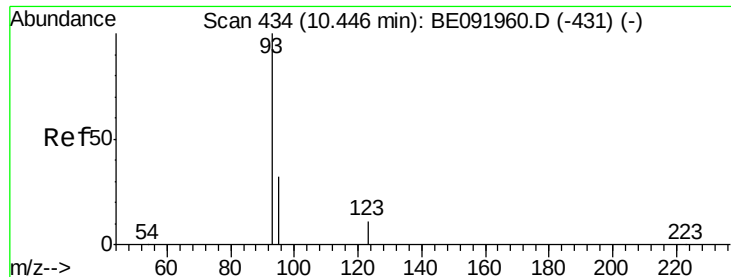


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

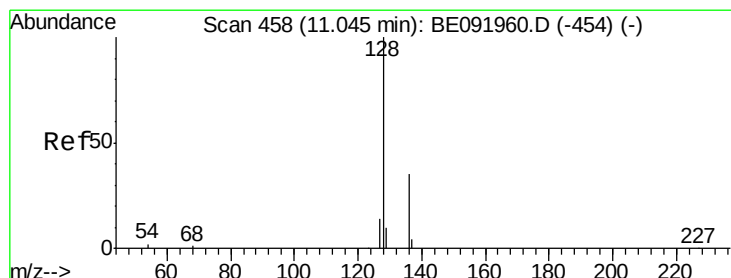
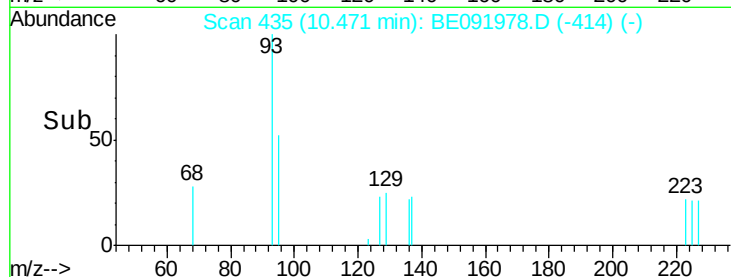
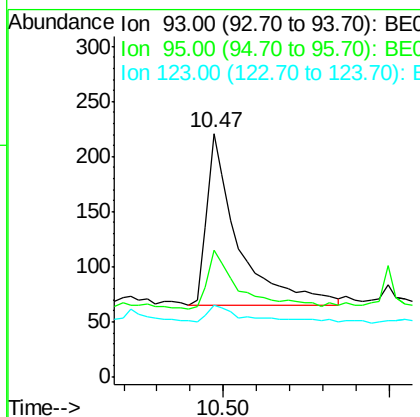
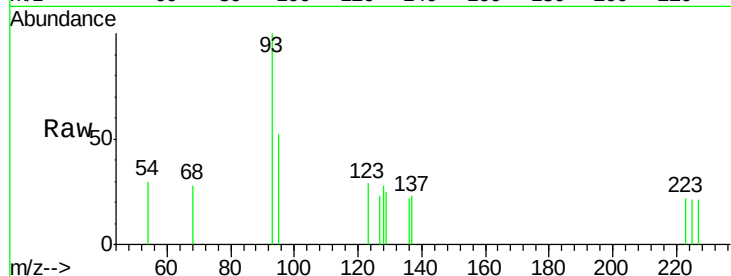




#11
bis(2-Chloroethoxy)methane
Concen: 0.12 ng
RT: 10.47 min Scan# 435
Delta R.T. 0.02 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

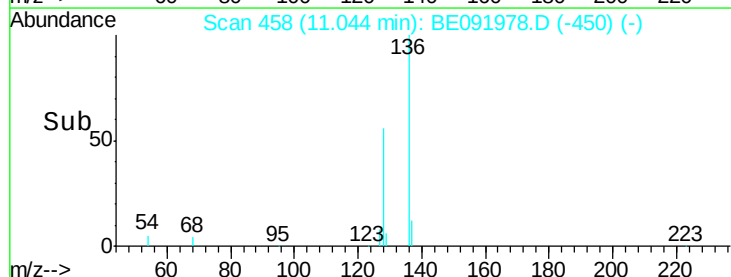
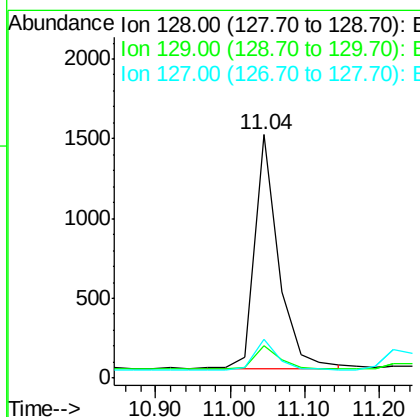
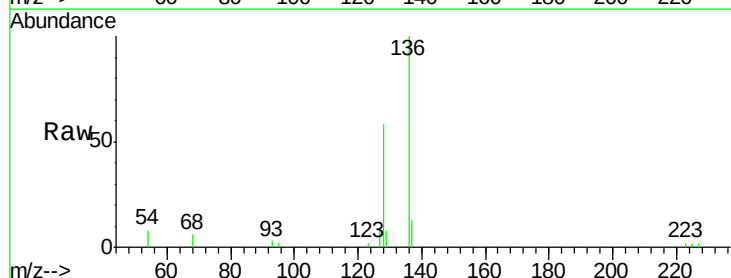
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

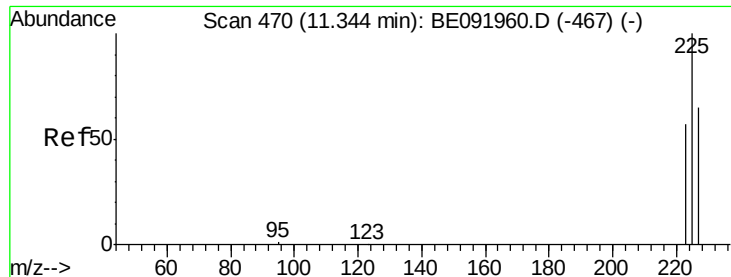
Tgt Ion: 93 Resp: 1024
Ion Ratio Lower Upper
93 100
95 34.5 57.6 86.4#
123 10.9 100.2 150.4#



#12
Naphthalene
Concen: 0.14 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion: 128 Resp: 3226
Ion Ratio Lower Upper
128 100
129 13.4 10.4 15.6
127 16.2 10.2 15.2#

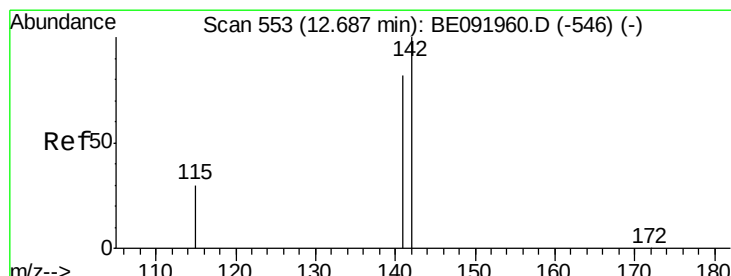
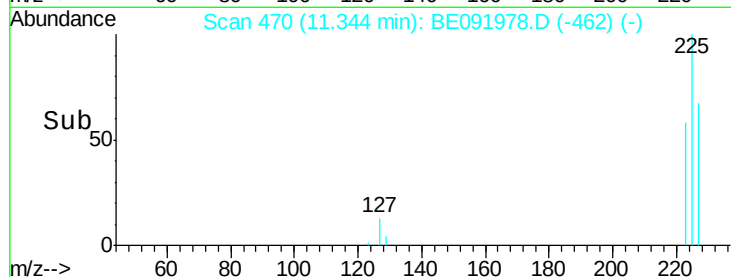
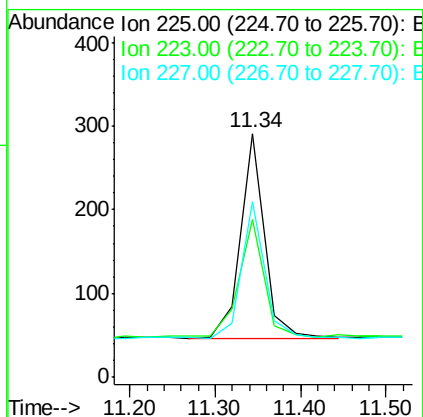
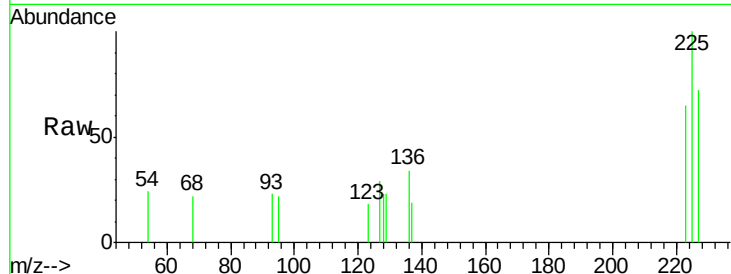




#13
Hexachlorobutadiene
Concen: 0.13 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

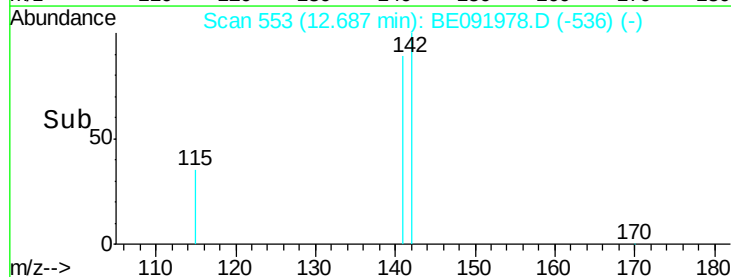
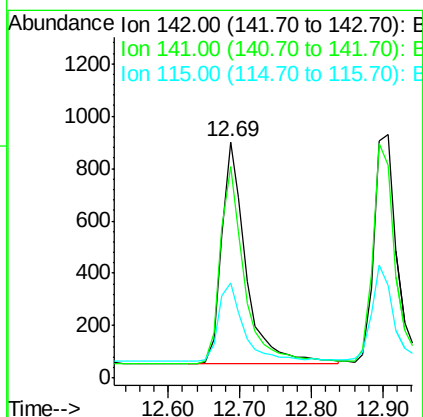
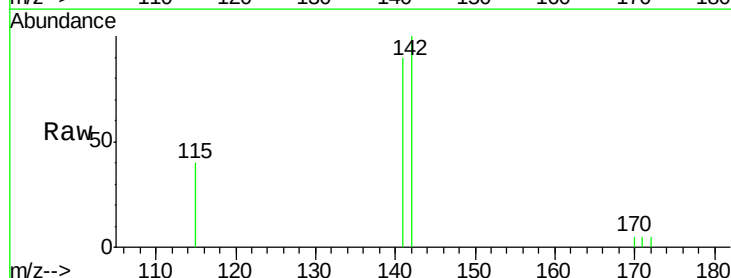
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

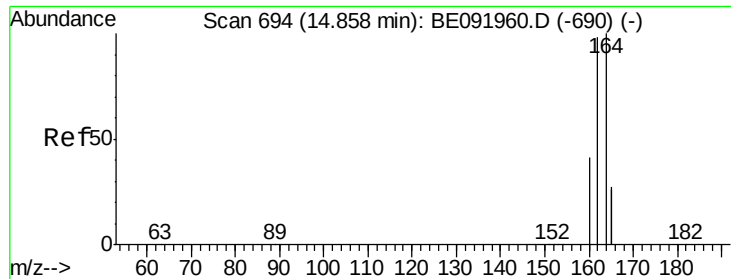
Tgt Ion: 225 Resp: 484
Ion Ratio Lower Upper
225 100
223 59.9 49.8 74.8
227 65.5 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.13 ng
RT: 12.69 min Scan# 553
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion: 142 Resp: 2002
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9
115 40.2 29.9 44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

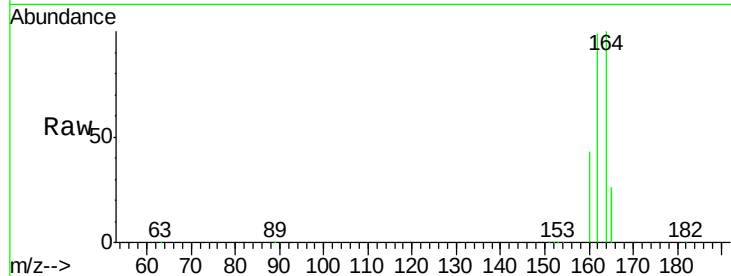
Tgt Ion:164 Resp: 72225

Ion Ratio Lower Upper

164 100

162 99.0 71.8 107.8

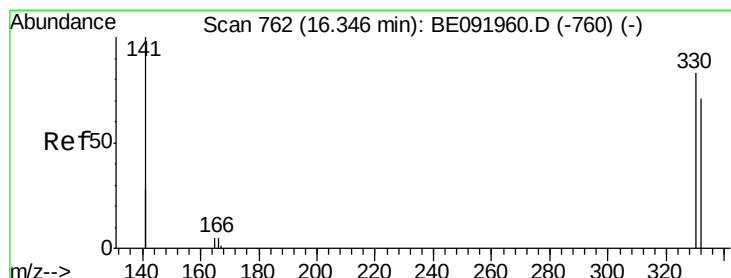
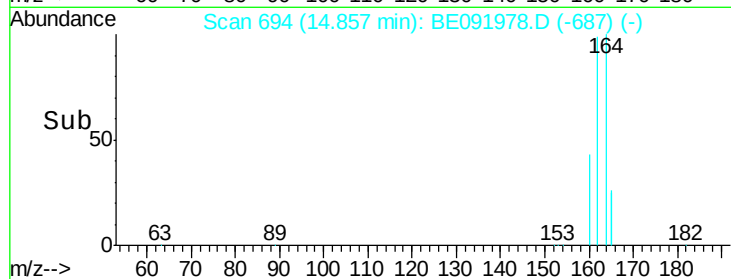
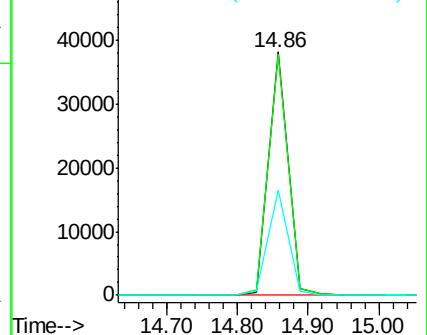
160 43.4 28.0 42.0#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 4.52 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

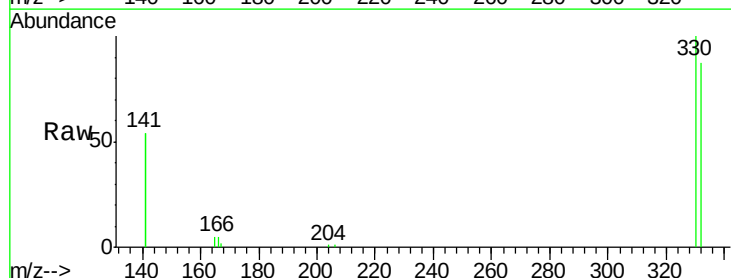
Tgt Ion:330 Resp: 11528

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

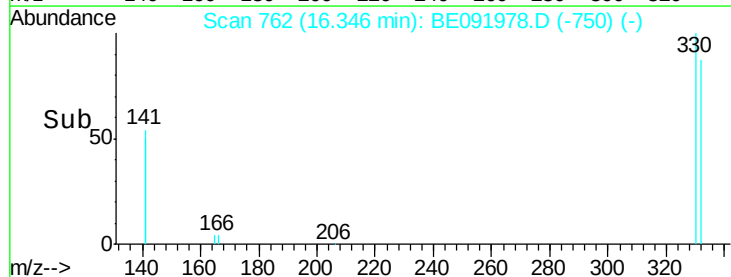
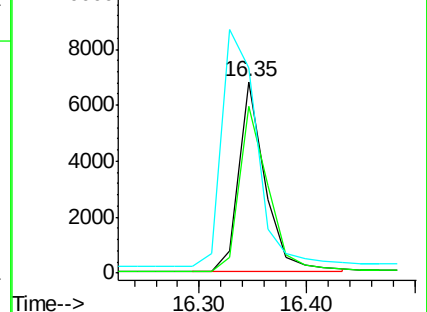
141 165.0 138.4 207.6

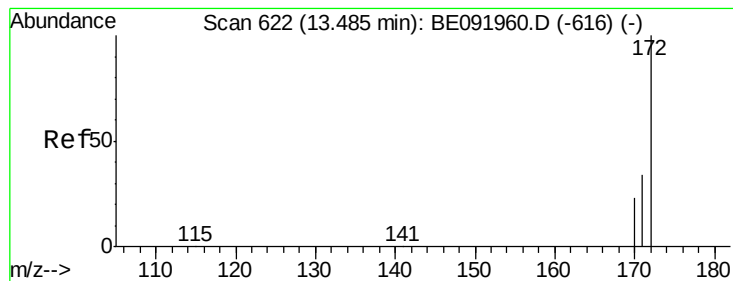


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

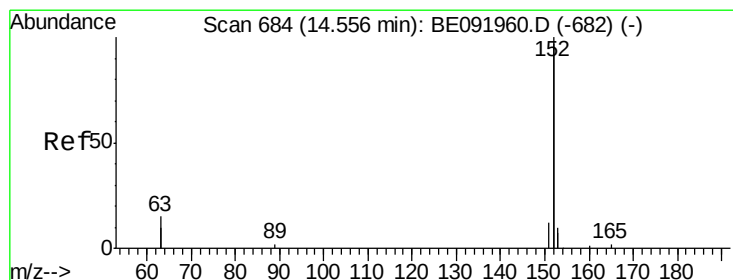
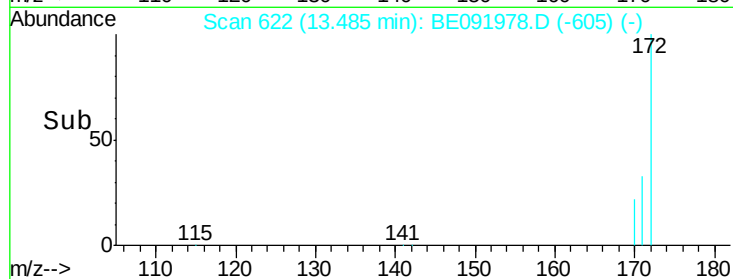
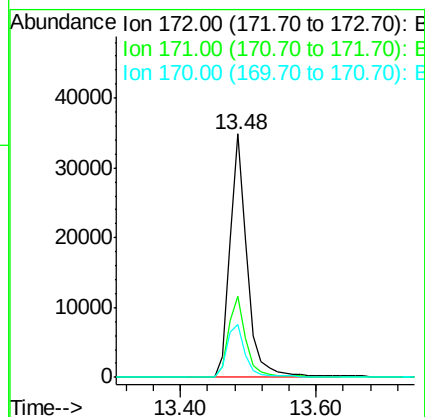
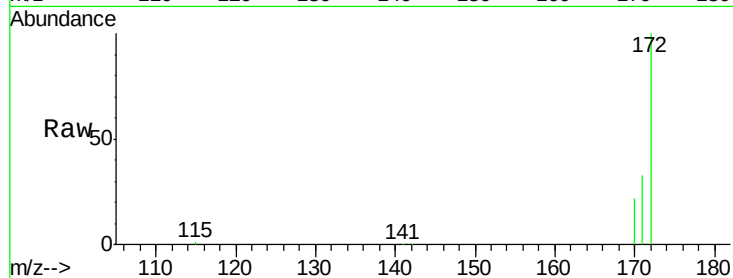




#17
2-Fluorobiphenyl
Concen: 3.53 ng
RT: 13.48 min Scan# 622
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

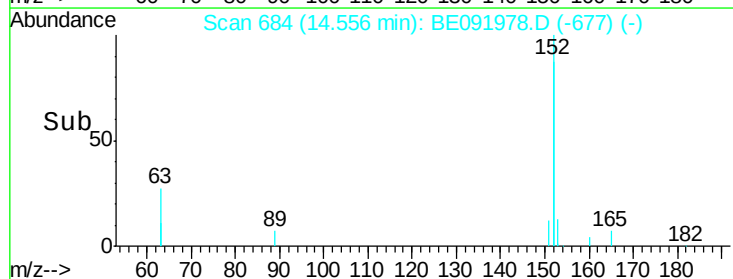
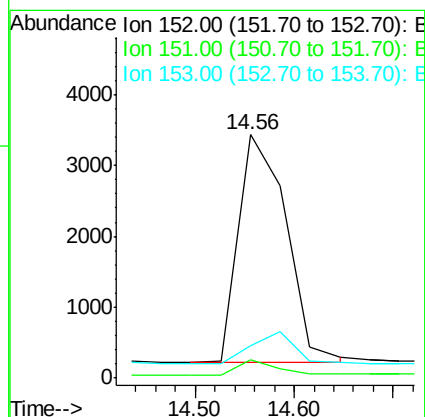
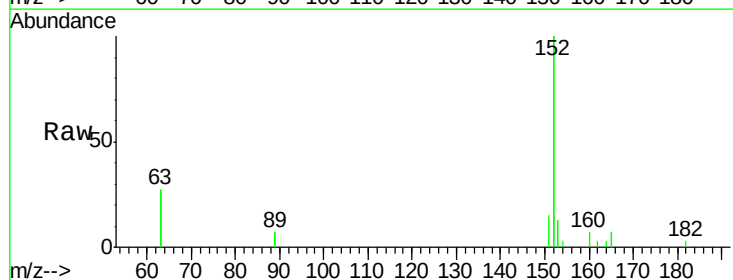
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

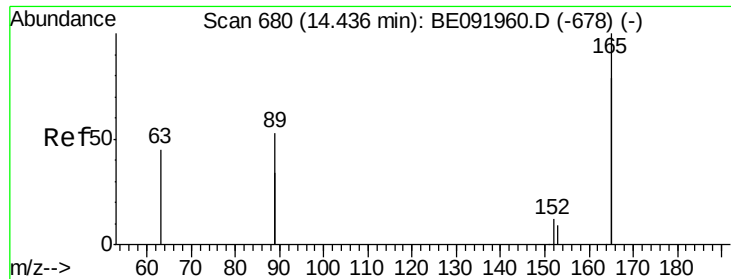
Tgt Ion:172 Resp: 62188
Ion Ratio Lower Upper
172 100
171 33.2 24.3 36.5
170 21.7 14.9 22.3



#18
Acenaphthylene
Concen: 0.12 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion:152 Resp: 10963
Ion Ratio Lower Upper
152 100
151 5.1 19.4 29.2#
153 0.0 14.4 21.6#

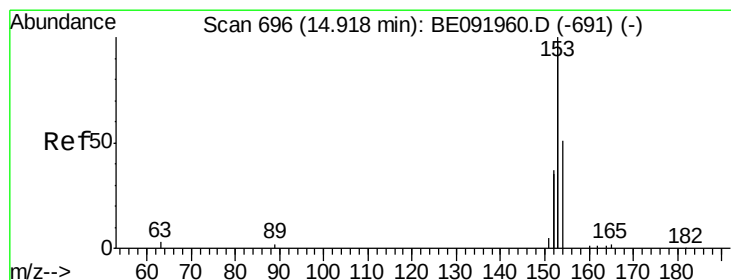
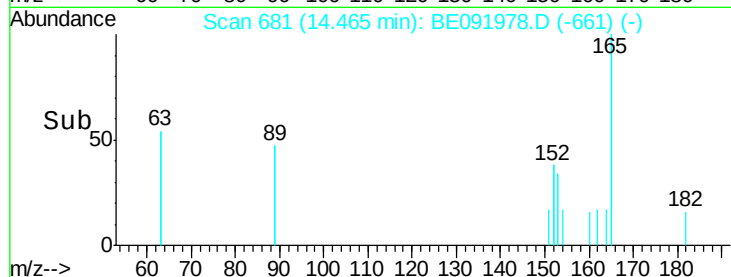
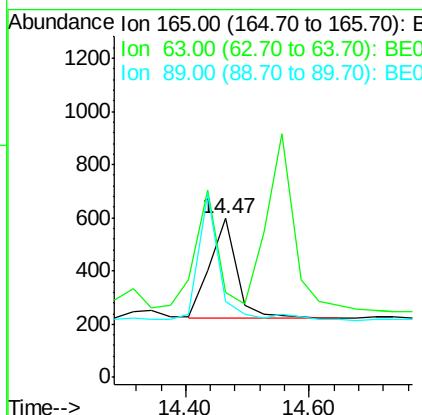
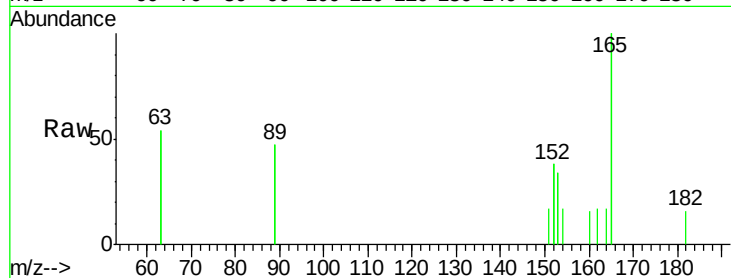




#19
 2,6-Dinitrotoluene
 Concen: 0.18 ng
 RT: 14.47 min Scan# 681
 Delta R.T. 0.03 min
 Lab File: BE091978.D
 Acq: 6 Jul 2016 1:33

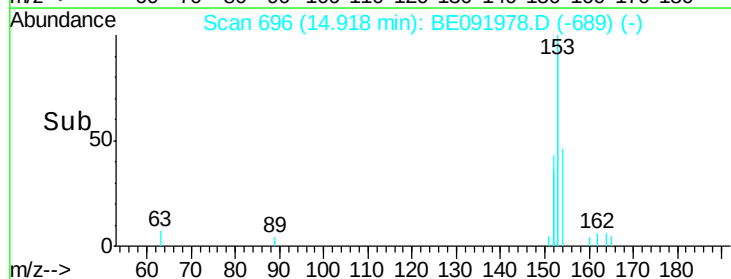
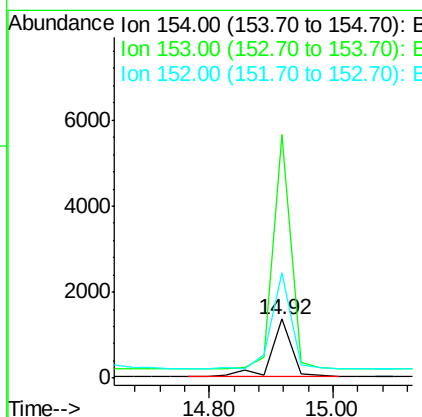
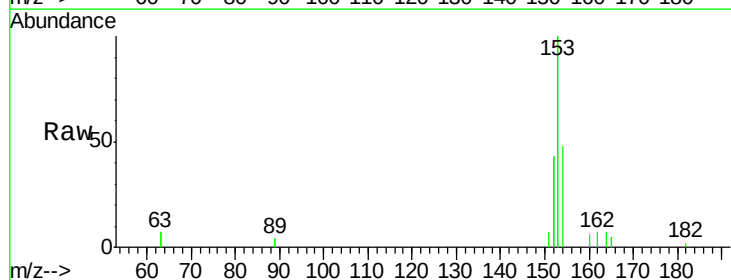
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

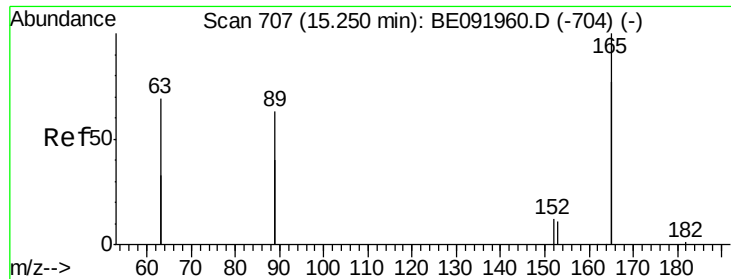
Tgt Ion:165 Resp: 1125
 Ion Ratio Lower Upper
 165 100
 63 0.0 65.9 98.9#
 89 0.0 59.1 88.7#



#20
 Acenaphthene
 Concen: 0.14 ng
 RT: 14.92 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BE091978.D
 Acq: 6 Jul 2016 1:33

Tgt Ion:154 Resp: 2786
 Ion Ratio Lower Upper
 154 100
 153 389.9 88.1 132.1#
 152 173.4 44.2 66.2#





#21

2,4-Dinitrotoluene

Concen: 0.40 ng

RT: 15.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:165 Resp: 4197

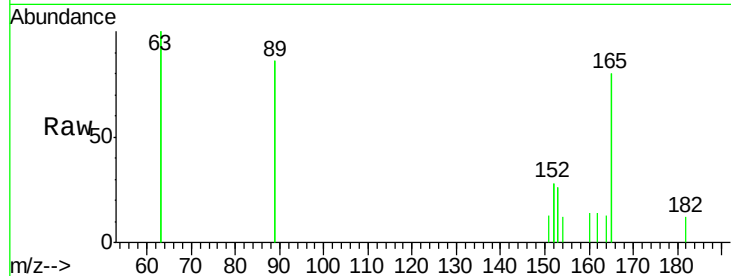
Ion Ratio Lower Upper

165 100

63 170.1 0.0 0.0#

89 167.1 99.8 149.8#

182 0.0 0.0 0.0

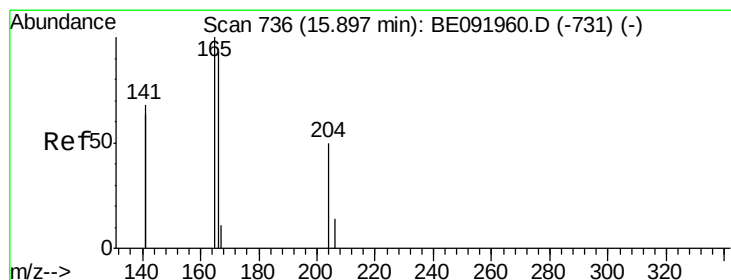
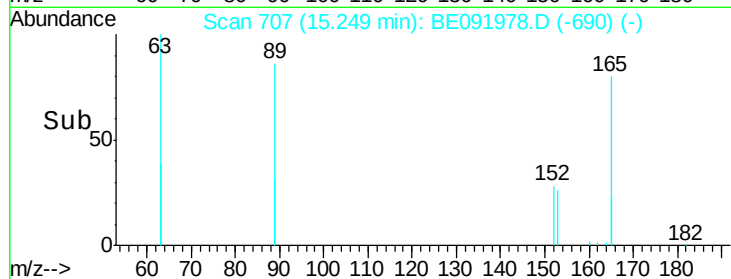
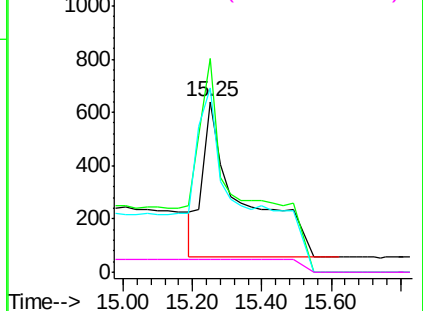


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E



#22

Fluorene

Concen: 0.13 ng

RT: 15.91 min Scan# 737

Delta R.T. 0.02 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

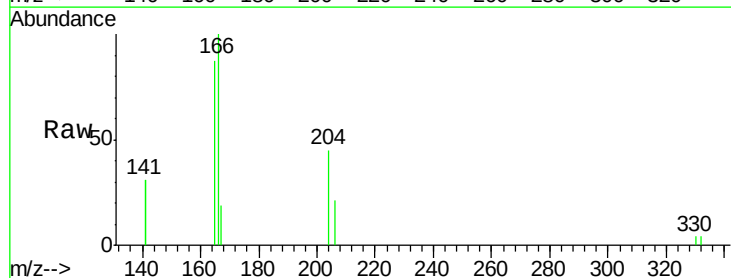
Tgt Ion:166 Resp: 2730

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

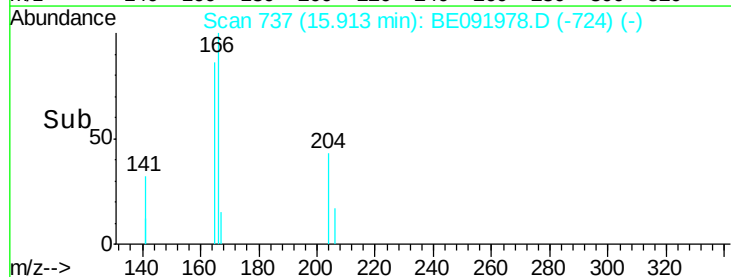
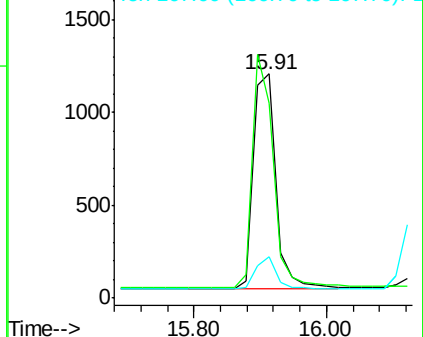
167 13.7 10.8 16.2

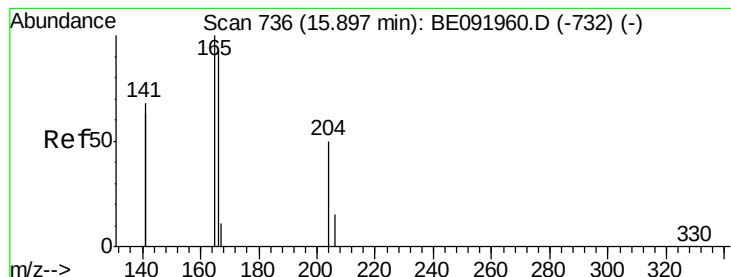


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#23

4-Chlorophenyl-phenylether

Concen: 0.13 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

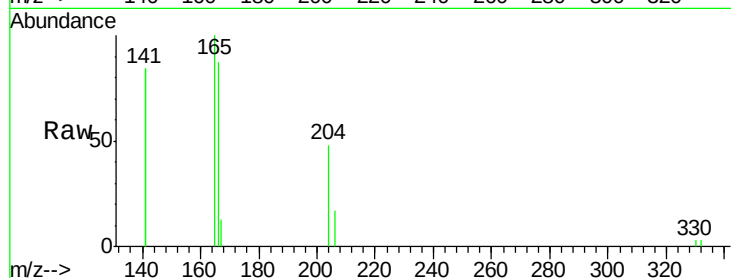
Tgt Ion:204 Resp: 1339

Ion Ratio Lower Upper

204 100

206 36.4 27.8 41.6

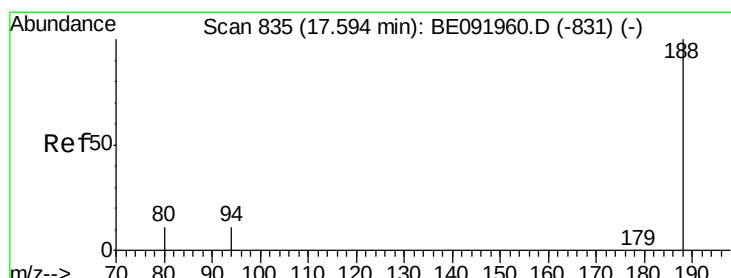
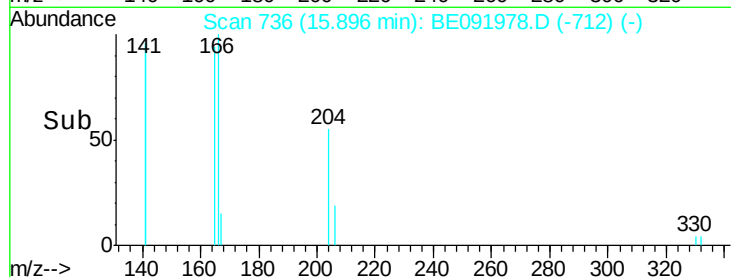
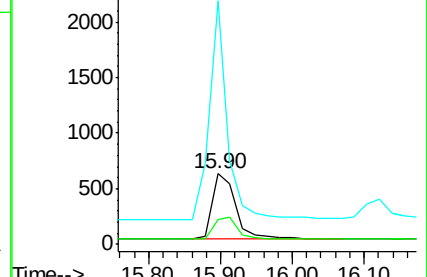
141 259.3 197.6 296.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.59 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

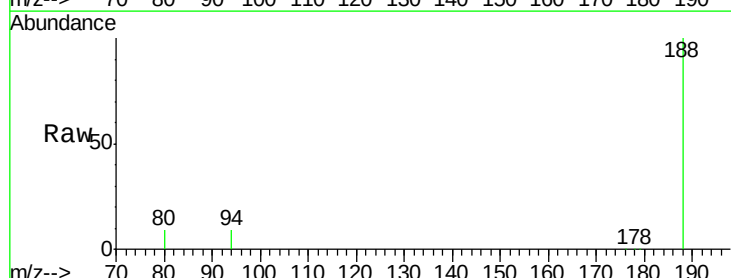
Tgt Ion:188 Resp: 155148

Ion Ratio Lower Upper

188 100

94 9.4 4.1 6.1#

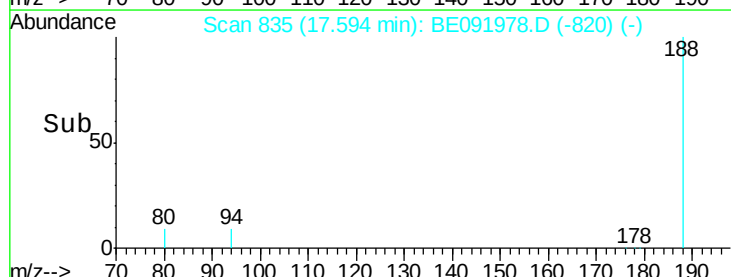
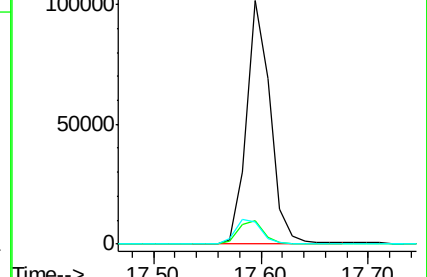
80 8.9 3.4 5.2#

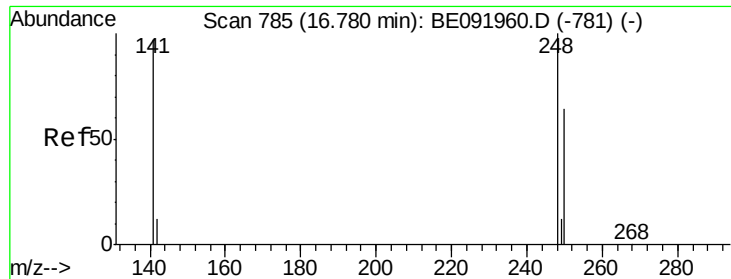


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

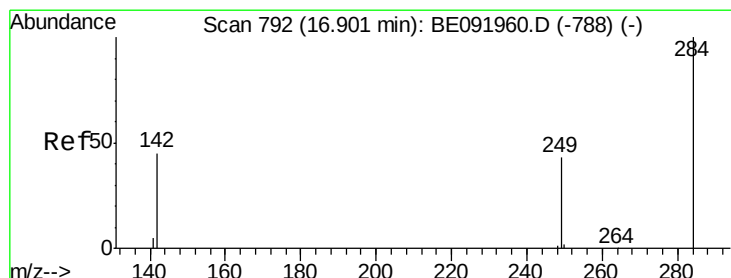
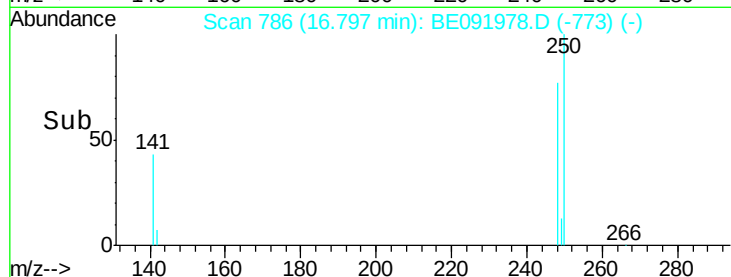
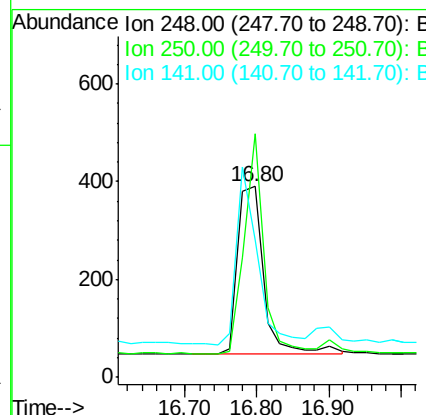
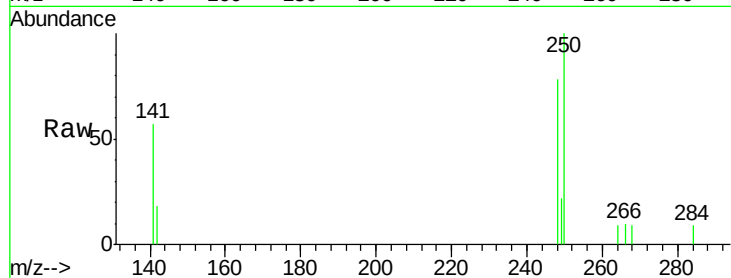




#25
4-Bromophenyl-phenylether
Concen: 0.13 ng
RT: 16.80 min Scan# 786
Delta R.T. 0.02 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

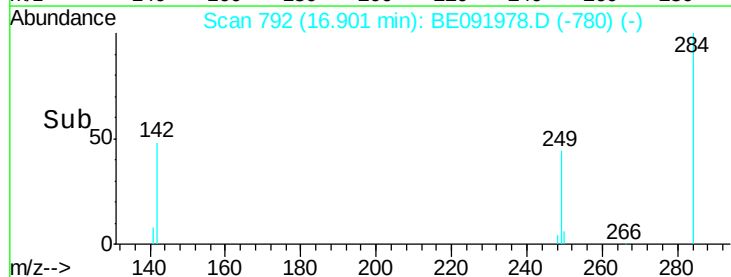
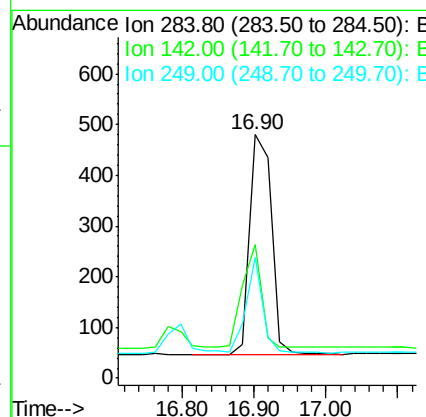
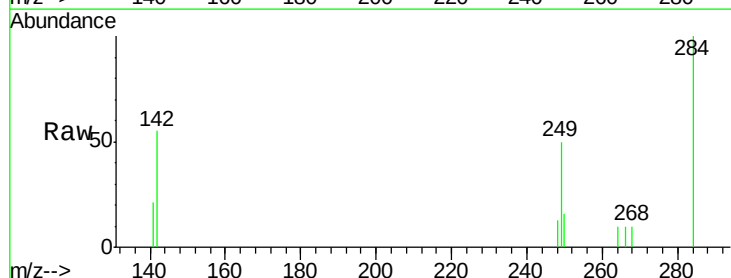
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

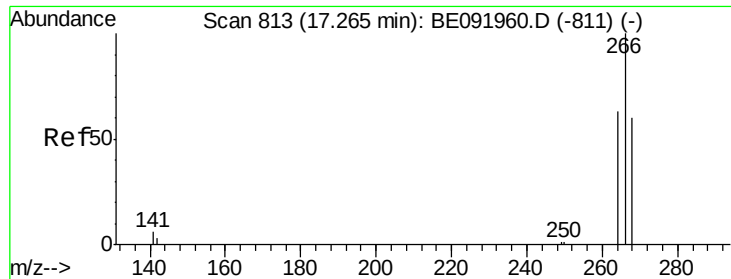
Tgt Ion:248 Resp: 862
Ion Ratio Lower Upper
248 100
250 95.0 75.7 113.5
141 80.9 64.6 97.0



#26
Hexachlorobenzene
Concen: 0.14 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion:284 Resp: 923
Ion Ratio Lower Upper
284 100
142 40.4 31.4 47.2
249 32.1 25.3 37.9

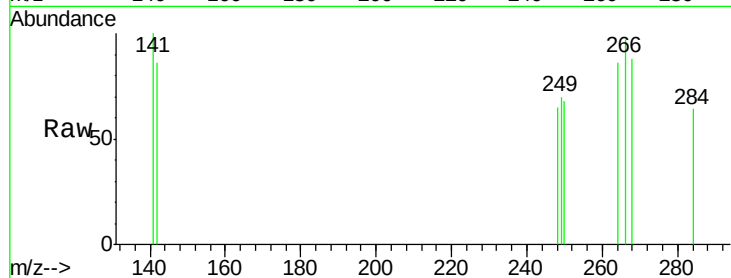




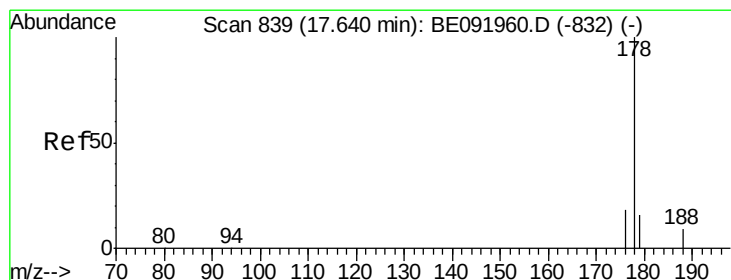
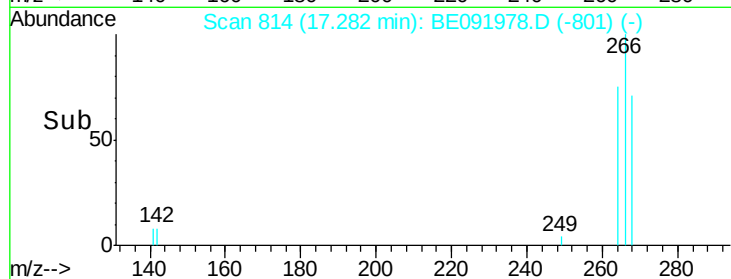
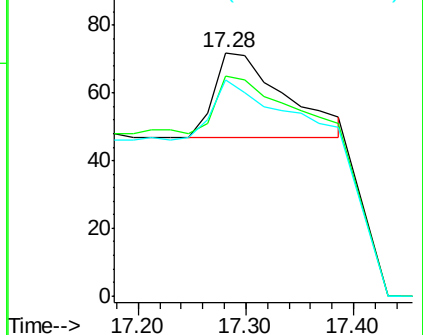
#27
 Pentachlorophenol
 Concen: 0.16 ng
 RT: 17.28 min Scan# 814
 Delta R.T. 0.02 min
 Lab File: BE091978.D
 Acq: 6 Jul 2016 1:33

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion: 266 Resp: 112
 Ion Ratio Lower Upper
 266 100
 268 90.3 60.5 90.7
 264 88.9 51.0 76.4#

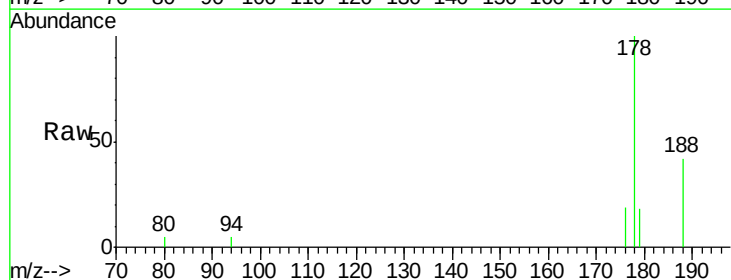


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

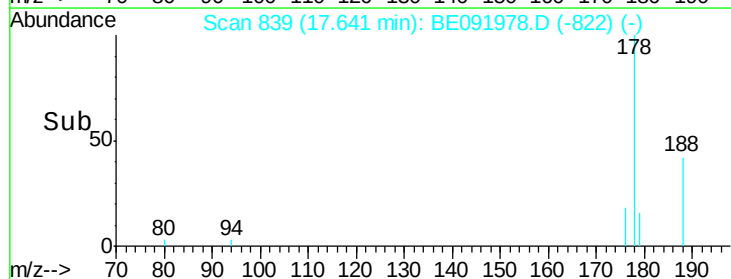
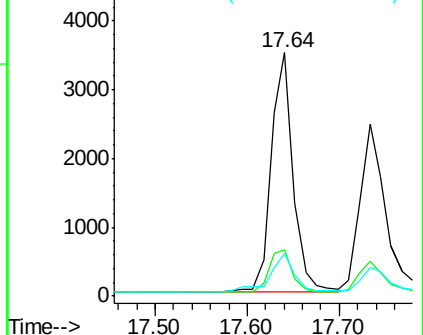


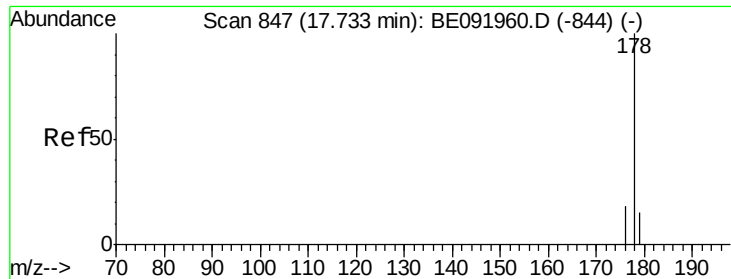
#28
 Phenanthrene
 Concen: 0.14 ng
 RT: 17.64 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BE091978.D
 Acq: 6 Jul 2016 1:33

Tgt Ion: 178 Resp: 5848
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 17.3 12.9 19.3



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





#29

Anthracene

Concen: 0.13 ng

RT: 17.73 min Scan# 847

Delta R.T. 0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

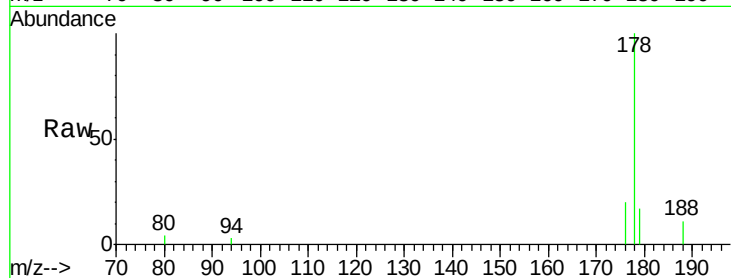
Tgt Ion:178 Resp: 4741

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

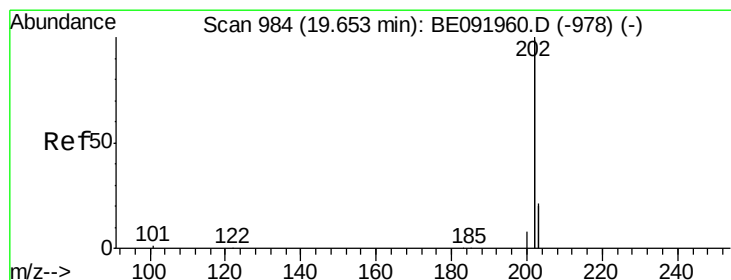
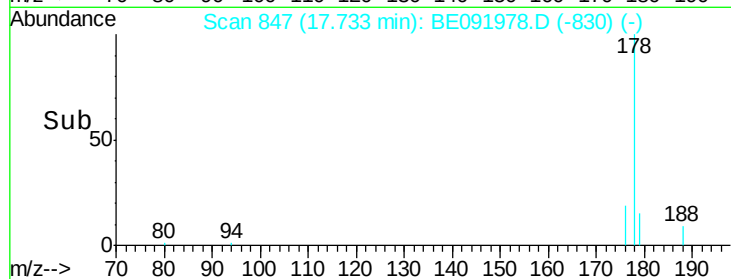
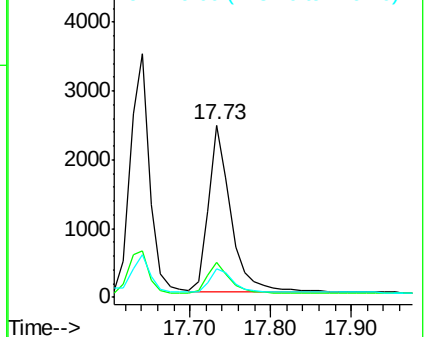
179 14.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#30

Fluoranthene

Concen: 0.14 ng

RT: 19.65 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

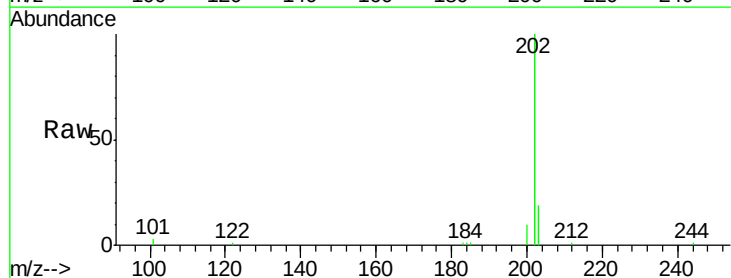
Tgt Ion:202 Resp: 24619

Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

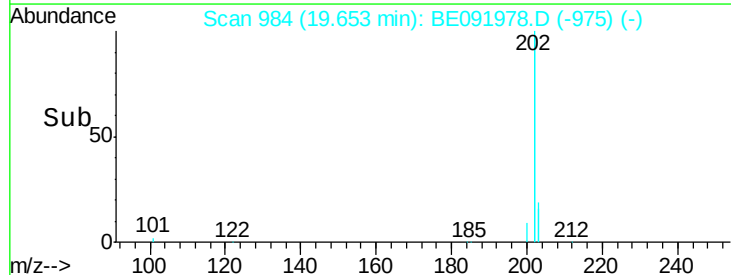
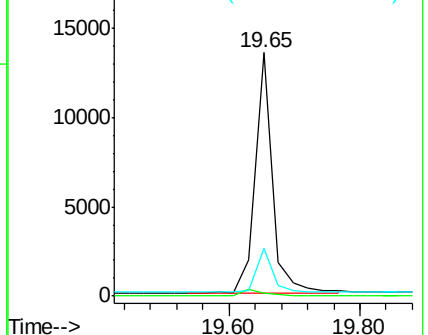
203 18.0 14.3 21.5

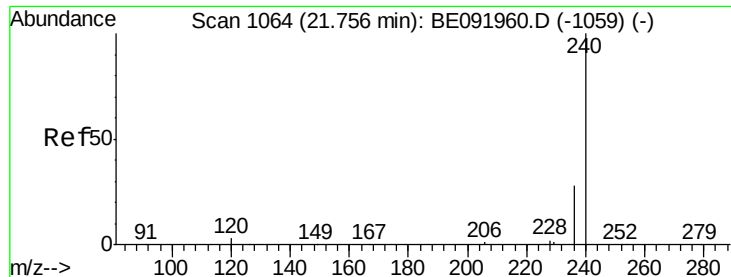


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

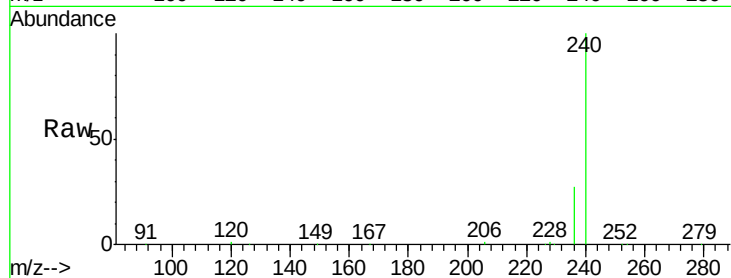
Tgt Ion:240 Resp: 299160

Ion Ratio Lower Upper

240 100

120 1.5 1.2 1.8

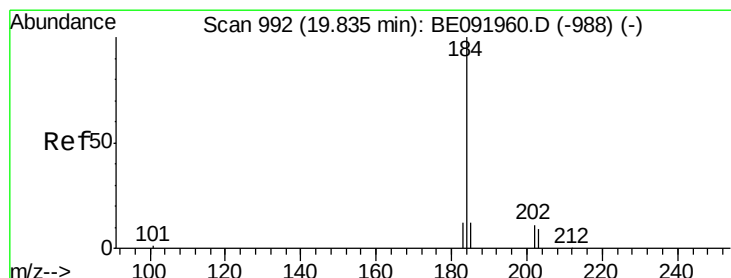
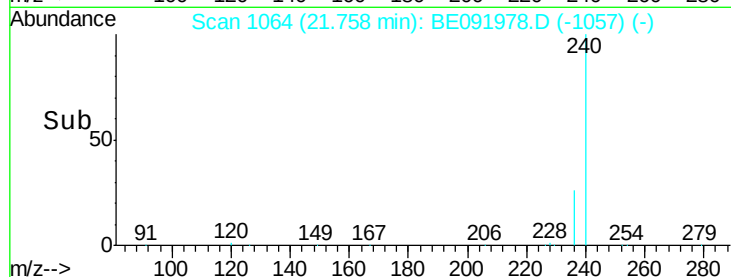
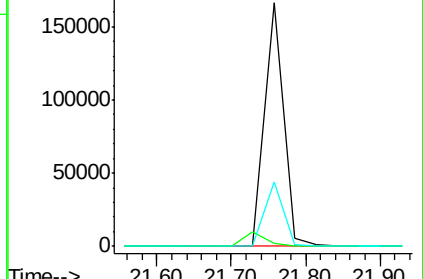
236 26.5 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#32

Benzidine

Concen: 0.26 ng

RT: 19.86 min Scan# 993

Delta R.T. 0.02 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

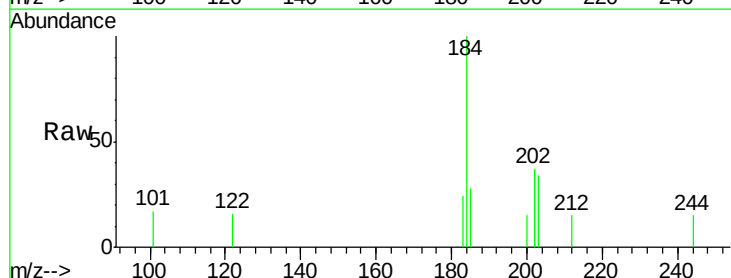
Tgt Ion:184 Resp: 1030

Ion Ratio Lower Upper

184 100

185 27.8 11.4 17.2#

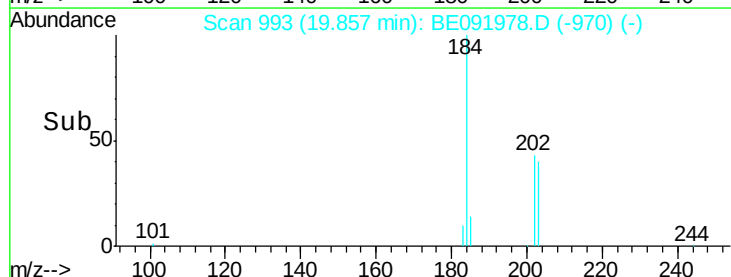
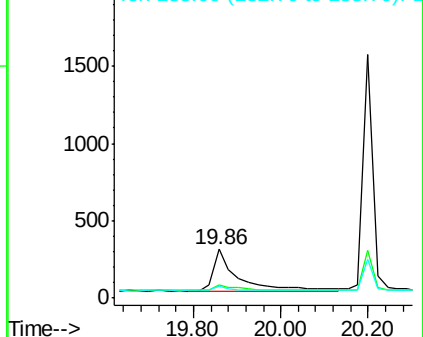
183 23.7 11.8 17.6#

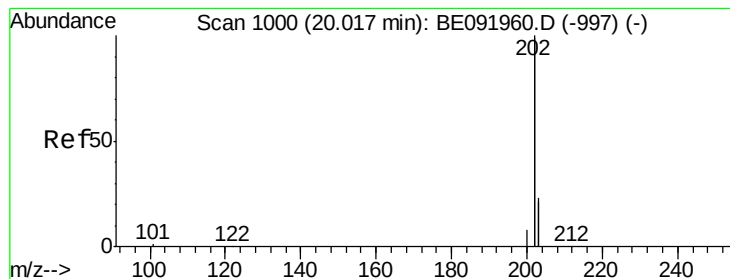


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 0.11 ng

RT: 20.02 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

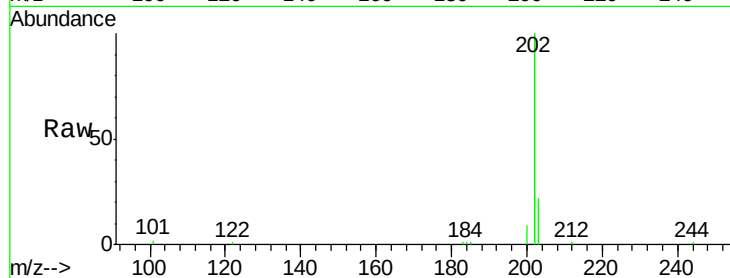
Tgt Ion: 202 Resp: 25027

Ion Ratio Lower Upper

202 100

200 5.1 16.9 25.3#

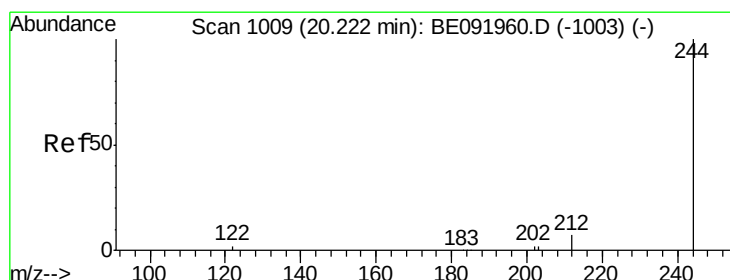
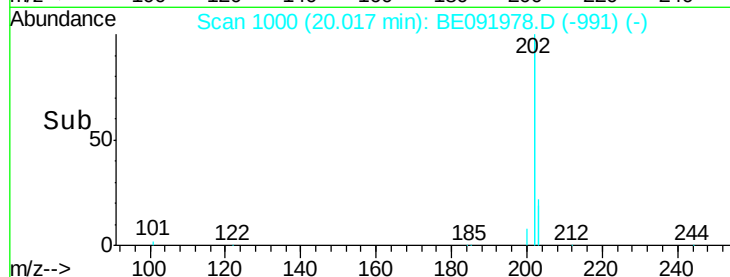
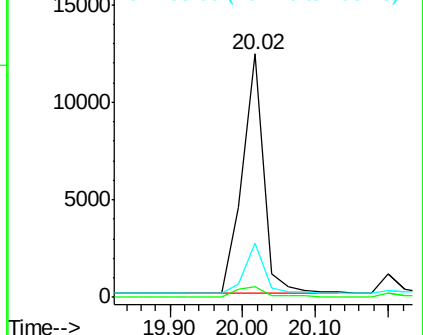
203 19.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 2.76 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

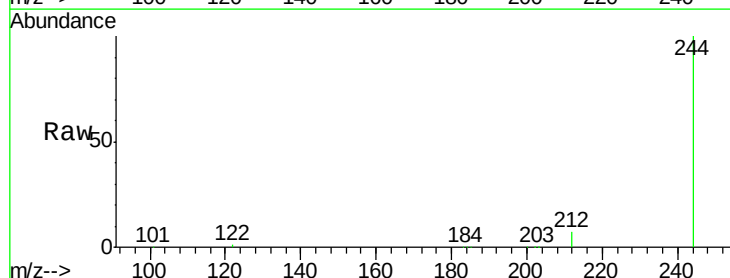
Tgt Ion: 244 Resp: 97492

Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

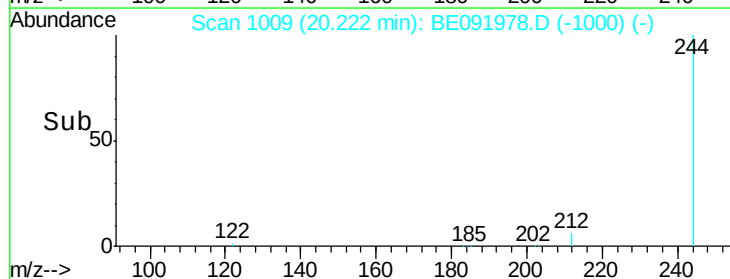
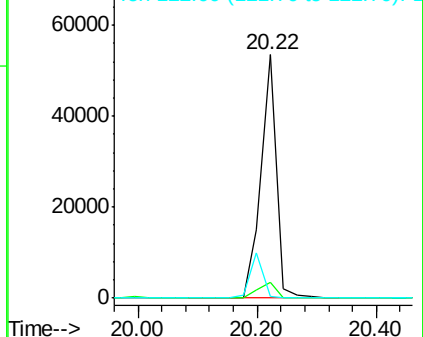
122 0.8 2.9 4.3#

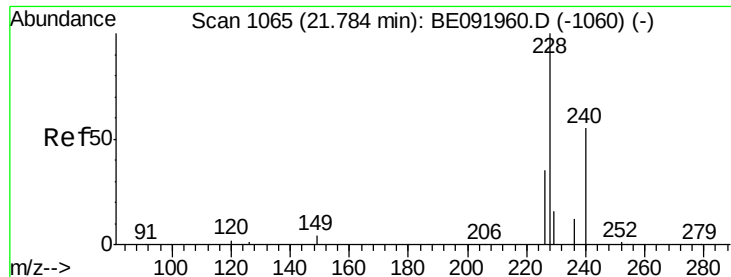


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.35 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

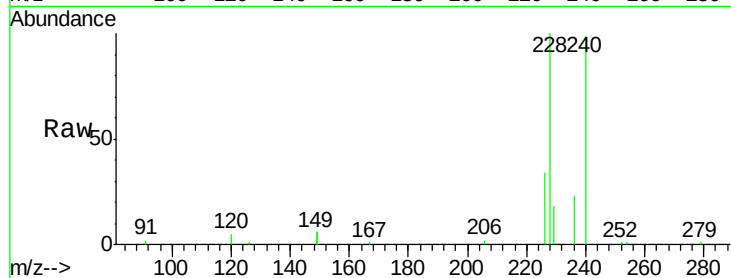
Tgt Ion:228 Resp: 17737

Ion Ratio Lower Upper

228 100

226 33.9 21.0 31.4#

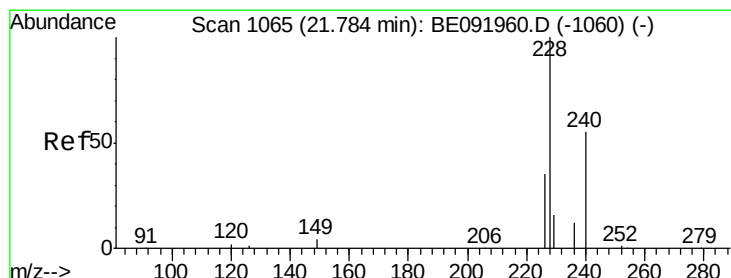
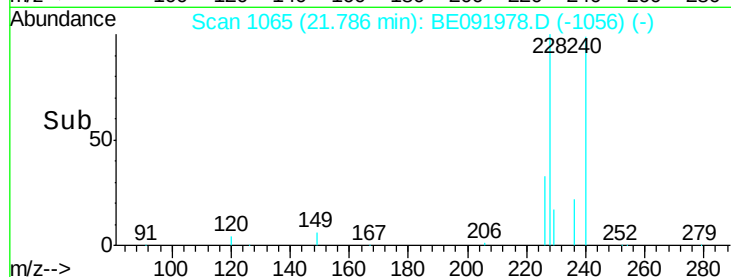
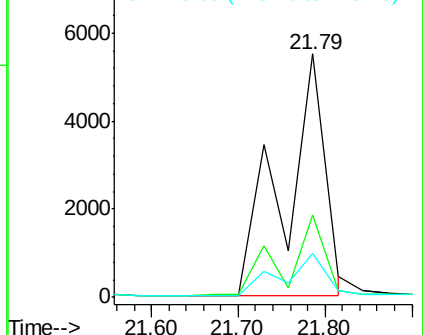
229 18.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#37

Chrysene

Concen: 0.25 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

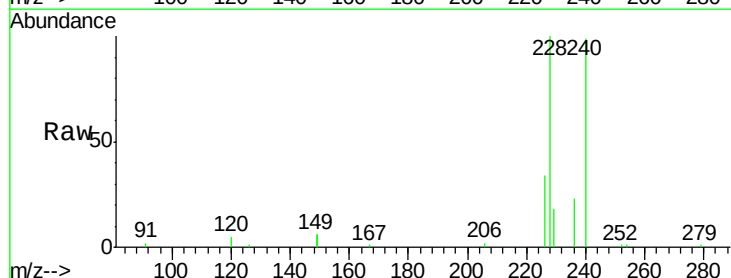
Tgt Ion:228 Resp: 17981

Ion Ratio Lower Upper

228 100

226 33.9 27.0 40.6

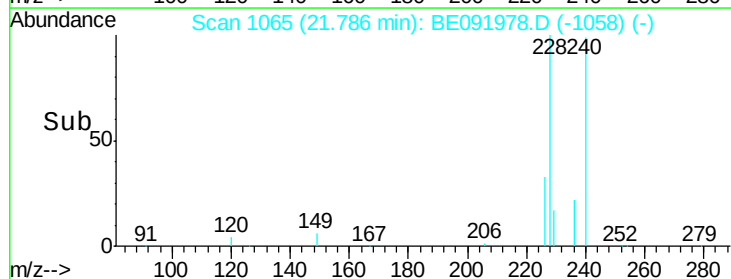
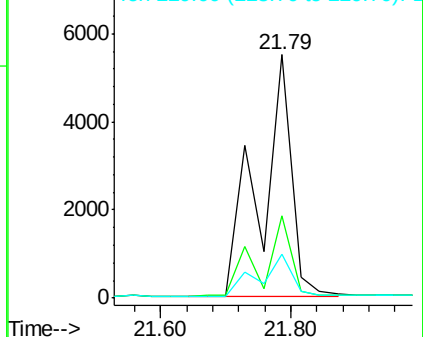
229 18.1 13.8 20.8

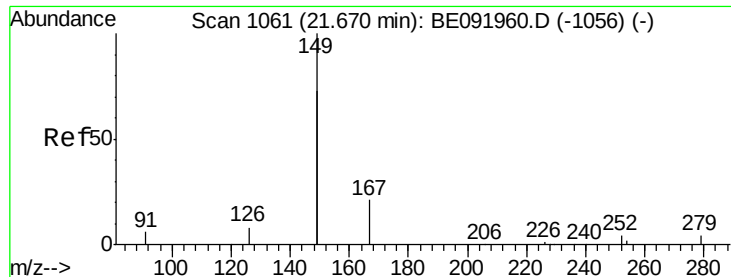


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

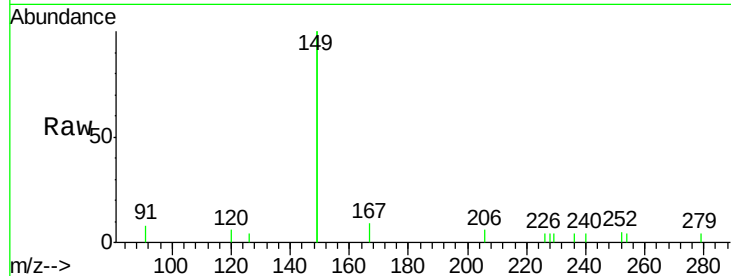




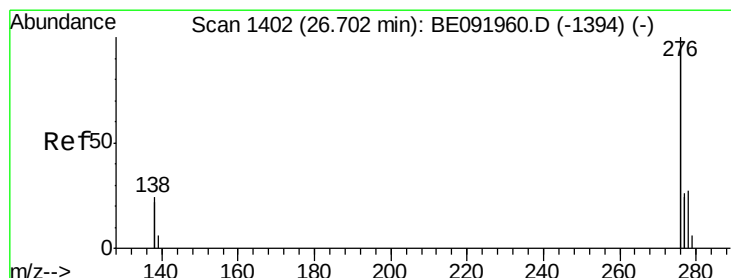
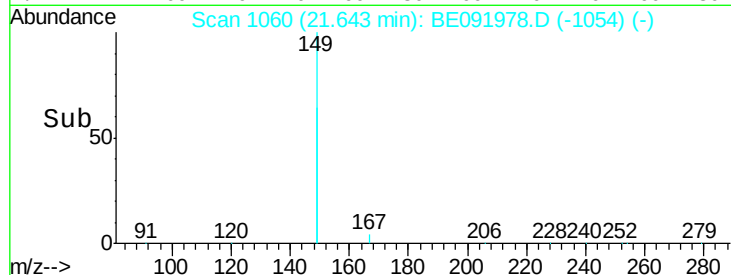
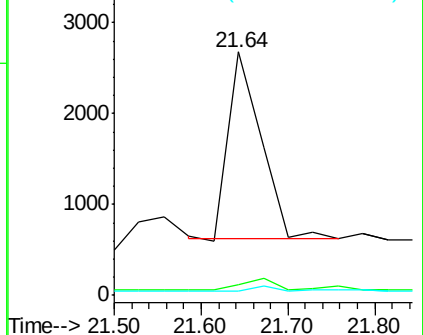
#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BE091978.D
 Acq: 6 Jul 2016 1:33

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion: 149 Resp: 5303
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 279 0.0 0.0 0.0

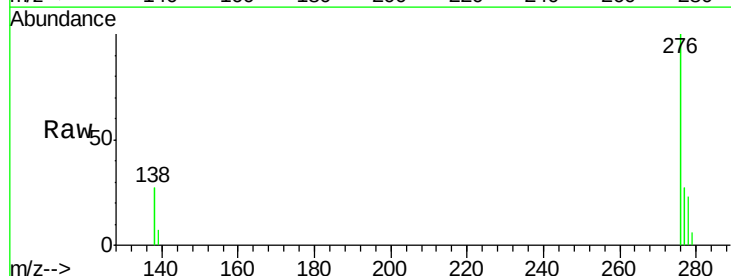


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

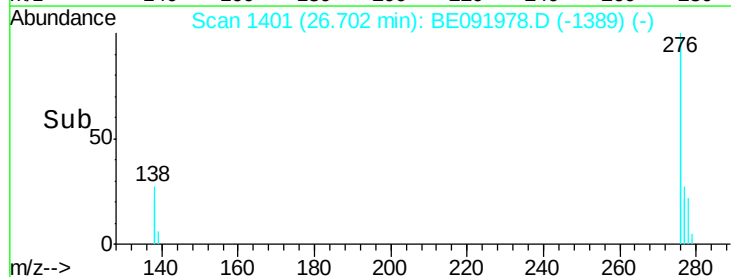
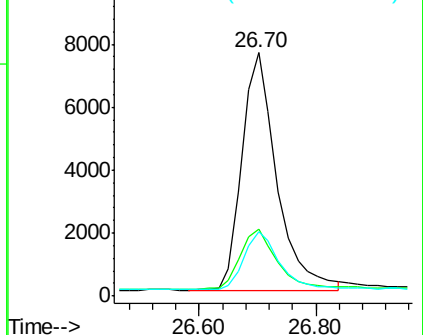


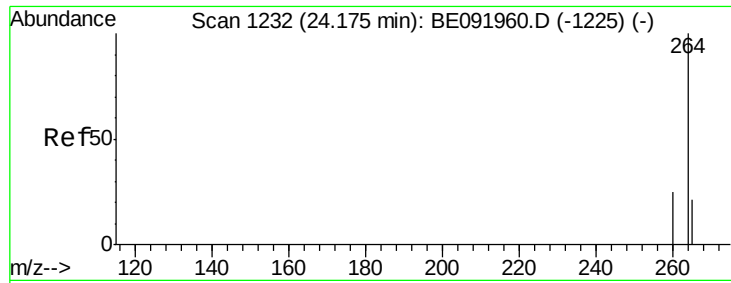
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng
 RT: 26.70 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BE091978.D
 Acq: 6 Jul 2016 1:33

Tgt Ion: 276 Resp: 31406
 Ion Ratio Lower Upper
 276 100
 138 26.2 19.7 29.5
 277 24.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E





#40

Perylene-d12

Concen: 5.00 ng

RT: 24.17 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

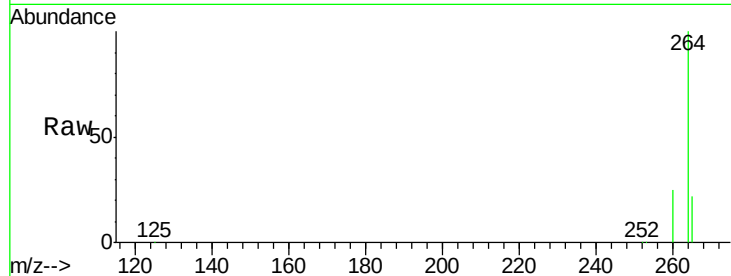
Tgt Ion:264 Resp: 223376

Ion Ratio Lower Upper

264 100

260 24.7 20.3 30.5

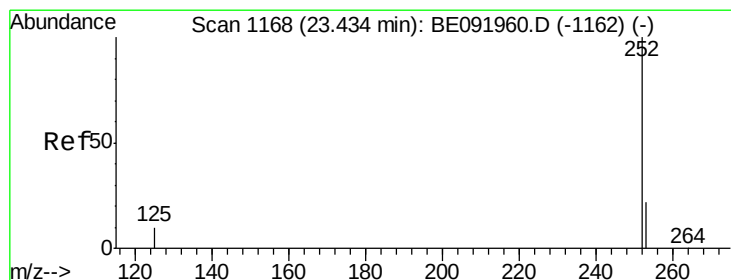
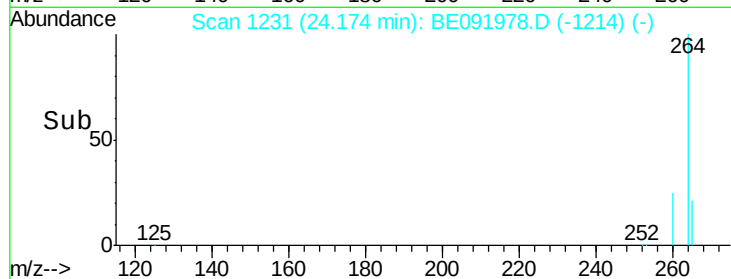
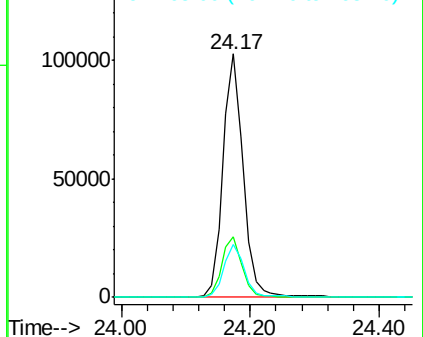
265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#41

Benzo(b)fluoranthene

Concen: 0.12 ng

RT: 23.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

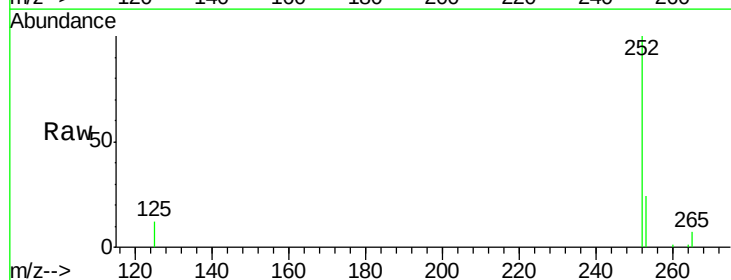
Tgt Ion:252 Resp: 7687

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.6

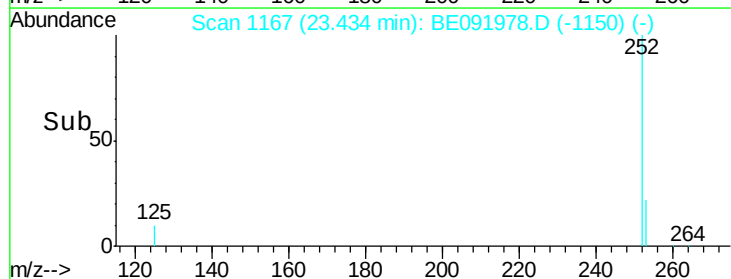
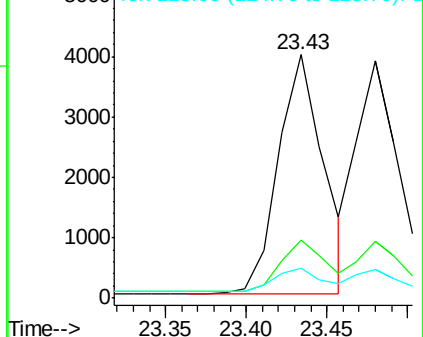
125 12.4 9.4 14.2

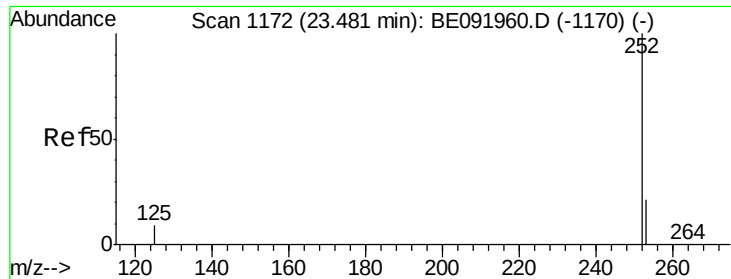


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#42

Benzo(k)fluoranthene

Concen: 0.13 ng

RT: 23.48 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

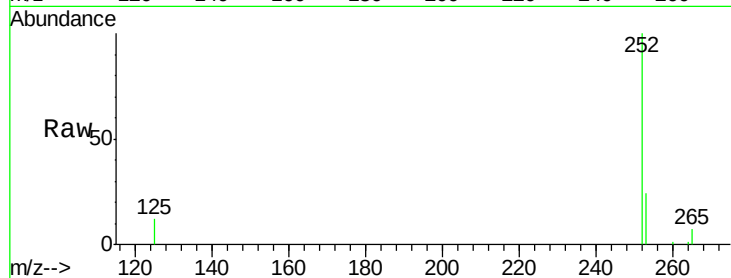
Tgt Ion:252 Resp: 7469

Ion Ratio Lower Upper

252 100

253 24.0 19.4 29.2

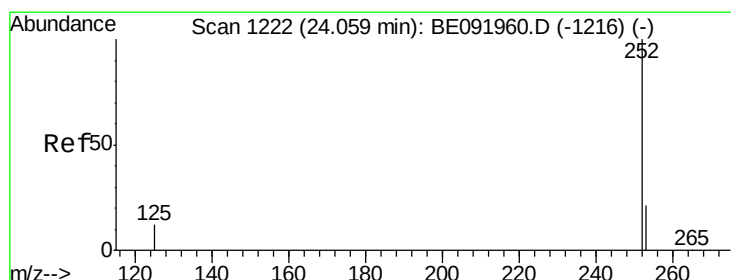
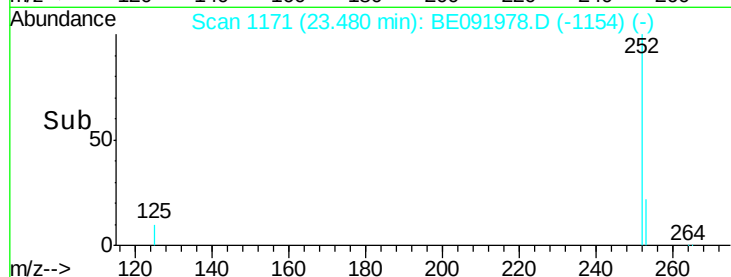
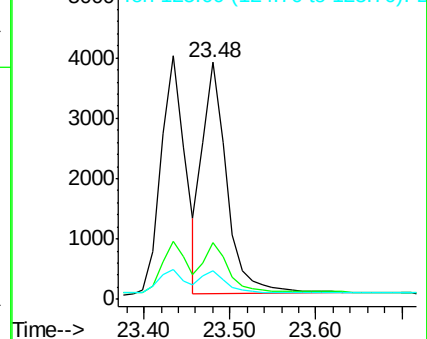
125 12.3 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#43

Benzo(a)pyrene

Concen: 0.12 ng

RT: 24.06 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

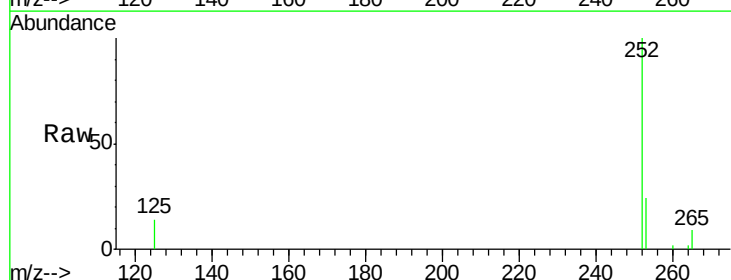
Tgt Ion:252 Resp: 7098

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

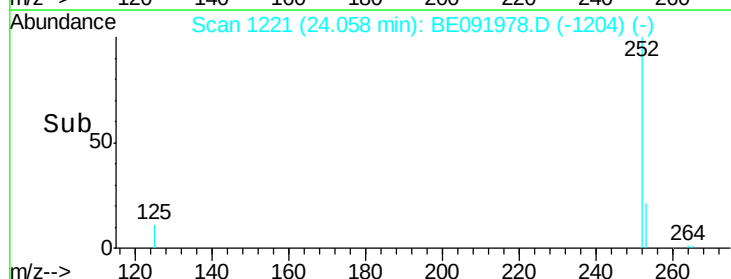
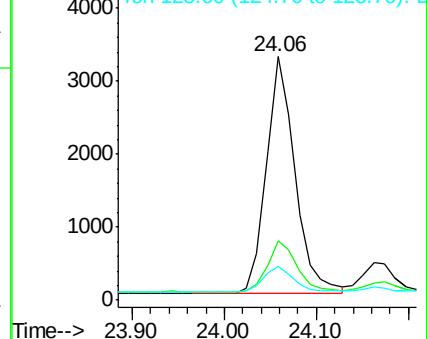
125 14.1 10.5 15.7

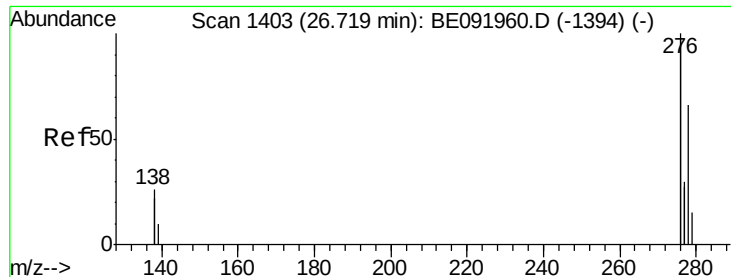


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#44

Dibenzo(a,h)anthracene

Concen: 0.12 ng

RT: 26.72 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

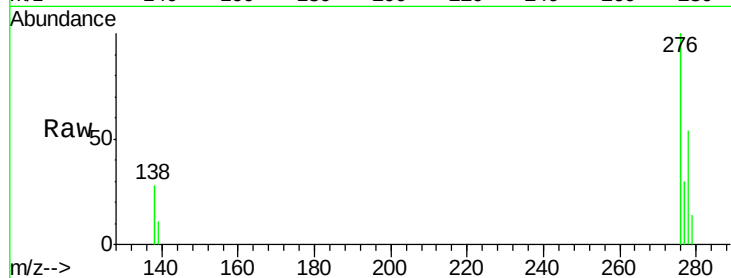
Tgt Ion: 278 Resp: 6378

Ion Ratio Lower Upper

278 100

139 20.9 12.6 18.8#

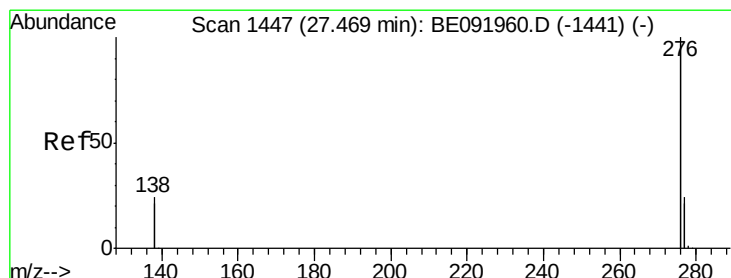
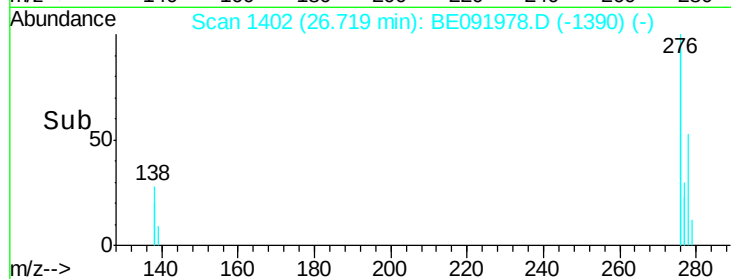
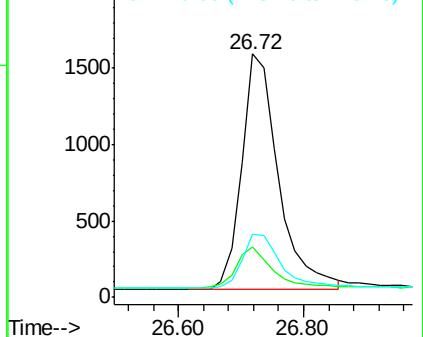
279 25.8 20.0 30.0



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



#45

Benzo(g,h,i)perylene

Concen: 0.13 ng

RT: 27.47 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

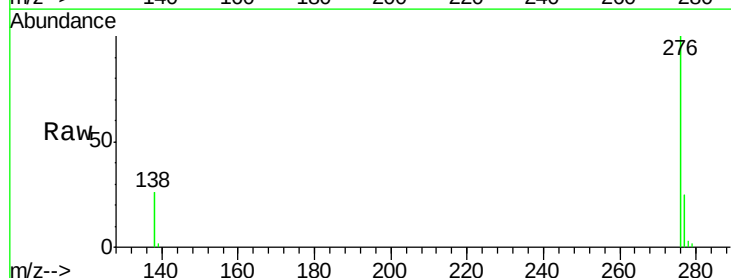
Tgt Ion: 276 Resp: 28041

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 25.9 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

