

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091860.D
 Acq On : 25 May 2016 15:57
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 25 18:11:23 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 18:07:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	8	5.00	ng	0.02
8) Naphthalene-d8	10.57	136	56	5.00	ng	0.02
15) Acenaphthene-d10	14.40	164	207	5.00	ng	0.00
24) Phenanthrene-d10	17.14	188	2074	5.00	ng	0.00
31) Chrysene-d12	21.29	240	332	5.00	ng	0.00
40) Perylene-d12	23.73	264	75	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	15	6.81	ng	0.02
5) Phenol-d6	6.95	99	20	6.79	ng	0.00
9) Nitrobenzene-d5	8.91	82	19	4.29	ng	-0.02
16) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
17) 2-Fluorobiphenyl	13.03	172	16	0.28	ng	0.00
34) Terphenyl-d14	19.74	244	137	3.01	ng	0.00

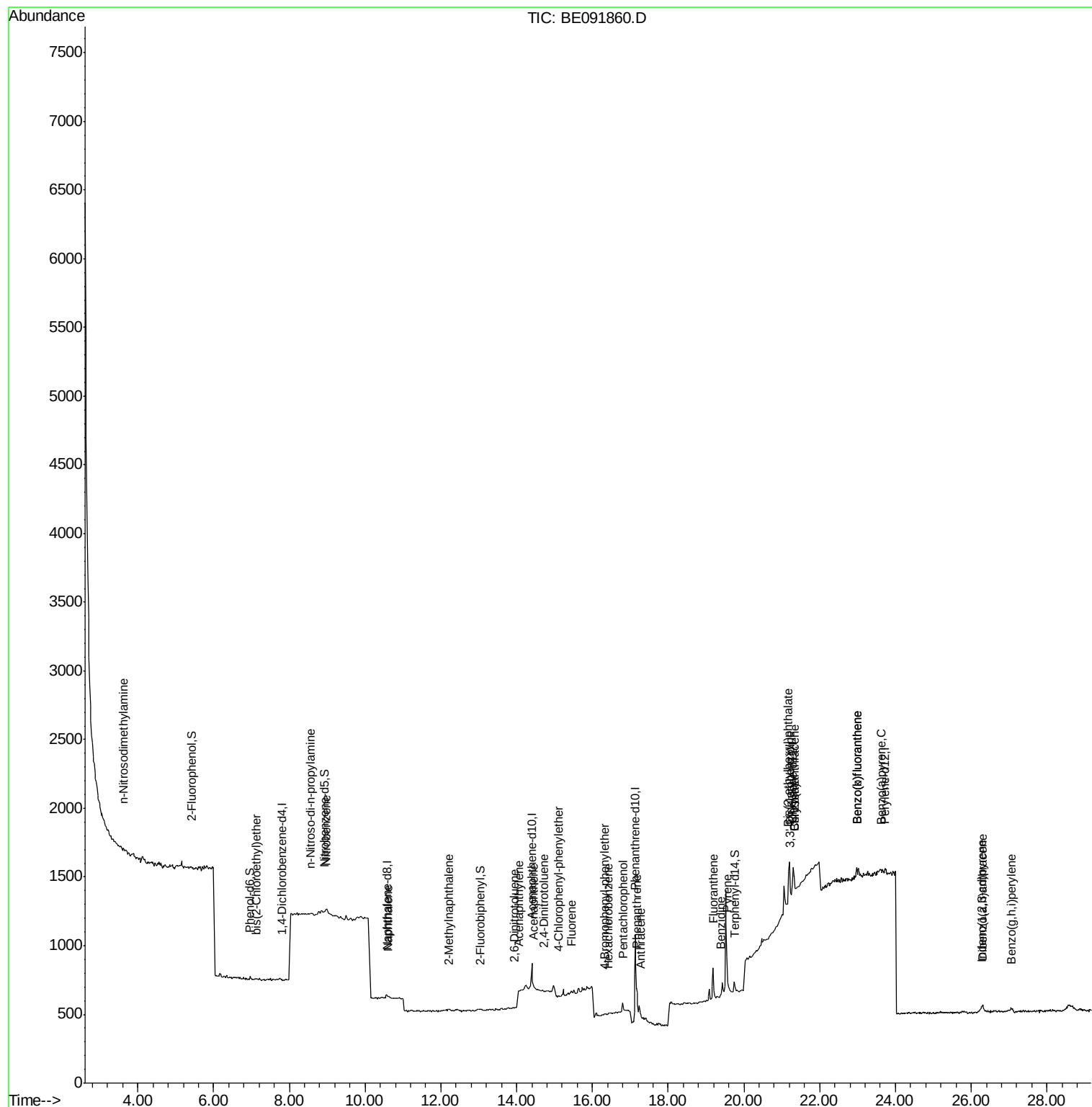
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.63	42	59	42.24	ng	# 1
6) bis(2-Chloroethyl)ether	7.13	93	47	19.32	ng	# 24
7) n-Nitroso-di-n-propylamine	8.57	70	33	14.69	ng	# 19
10) Nitrobenzene	8.96	77	34	8.07	ng	# 66
12) Naphthalene	10.61	128	39	3.47	ng	# 1
14) 2-Methylnaphthalene	12.22	142	16	2.10	ng	# 43
18) Acenaphthylene	14.06	152	323	3.51	ng	# 55
19) 2,6-Dinitrotoluene	13.95	165	18	1.28	ng	# 10
20) Acenaphthene	14.44	154	4	0.08	ng	# 1
21) 2,4-Dinitrotoluene	14.72	165	20	1.22	ng	# 1
22) Fluorene	15.44	166	45	0.68	ng	# 9
23) 4-Chlorophenyl-phenylether	15.11	204	519	15.92	ng	# 1
25) 4-Bromophenyl-phenylether	16.31	248	10	0.15	ng	# 27
26) Hexachlorobenzene	16.42	284	9	0.14	ng	# 45
27) Pentachlorophenol	16.80	266	83	2.87	ng	# 81
28) Phenanthrene	17.18	178	246	0.62	ng	# 81
29) Anthracene	17.26	178	65	0.17	ng	# 81
30) Fluoranthene	19.19	202	382	0.84	ng	# 92
32) Benzidine	19.40	184	76	2.91	ng	# 1
33) Pyrene	19.55	202	312	4.91	ng	# 85
35) Benzo(a)anthracene	21.34	228	406	3.76	ng	# 23
36) 3,3'-Dichlorobenzidine	21.22	252	76	1.75	ng	# 79
37) Chrysene	21.34	228	437	4.11	ng	# 36
38) Bis(2-ethylhexyl)phthalate	21.17	149	766	27.10	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.27	276	112	1.48	ng	# 59
41) Benzo(b)fluoranthene	22.99	252	146	8.03	ng	# 1
42) Benzo(k)fluoranthene	22.99	252	146	8.34	ng	# 1
43) Benzo(a)pyrene	23.62	252	65	3.81	ng	# 1
44) Dibenzo(a,h)anthracene	26.30	278	106	6.49	ng	# 1
45) Benzo(g,h,i)perylene	27.06	276	99	6.00	ng	# 1

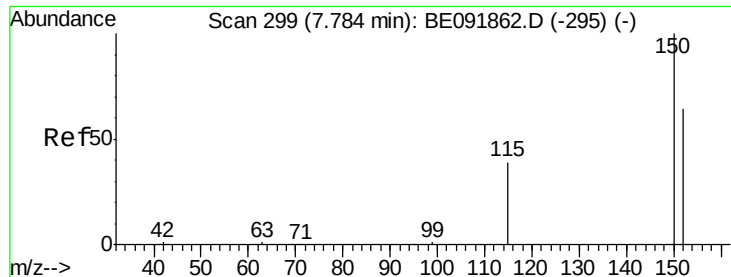
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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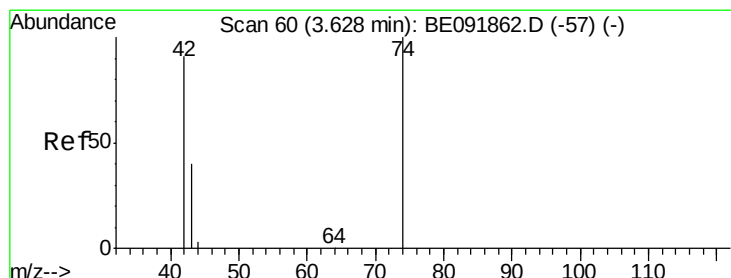
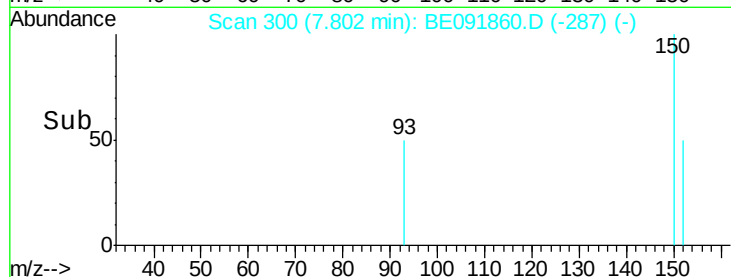
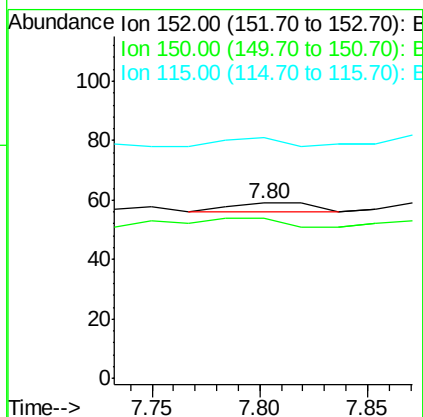
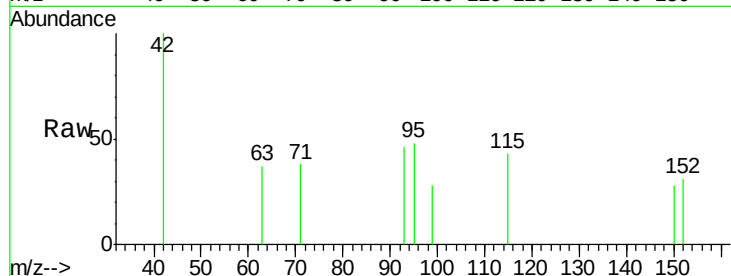


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.02 min
Lab File: BE091860.D
Acq: 25 May 2016 15:57

Instrument :
BNA_E
ClientSampleId :

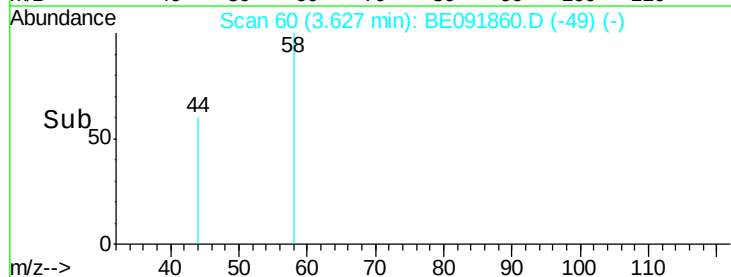
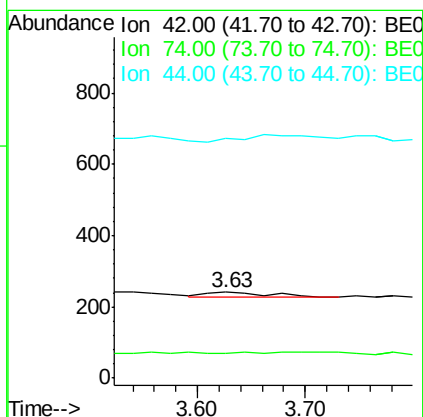
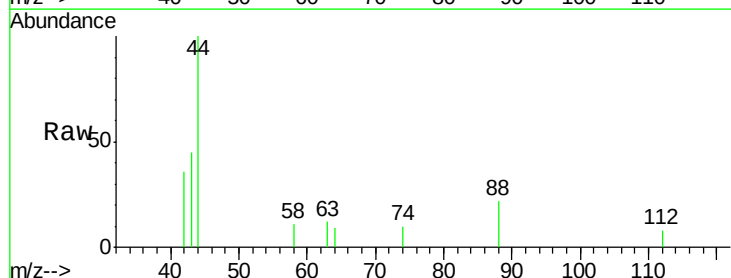
Tot Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
150 91.5 123.9 185.9#
115 137.3 48.3 72.5#

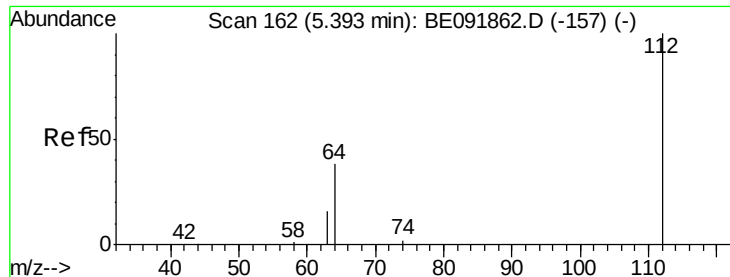


#3

n-Nitrosodimethylamine
Concen: 42.24 ng
RT: 3.63 min Scan# 60
Delta R.T. -0.00 min
Lab File: BE091860.D
Acq: 25 May 2016 15:57

Tgt Ion: 42 Resp: 59
Ion Ratio Lower Upper
42 100
74 0.0 93.4 140.0#
44 0.0 5.0 7.6#





#4

2-Fluorophenol

Concen: 6.81 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.02 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampleId :

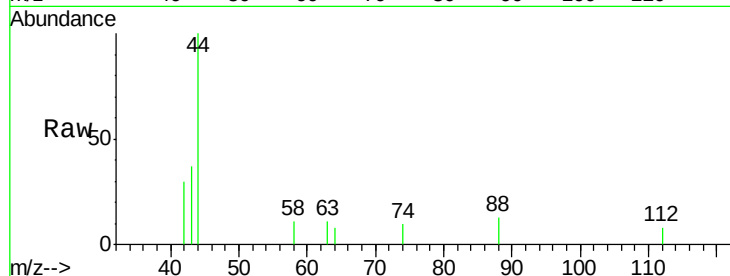
Tot Ion: 112 Resp: 15

Ion Ratio Lower Upper

112 100

64 86.7 53.7 80.5#

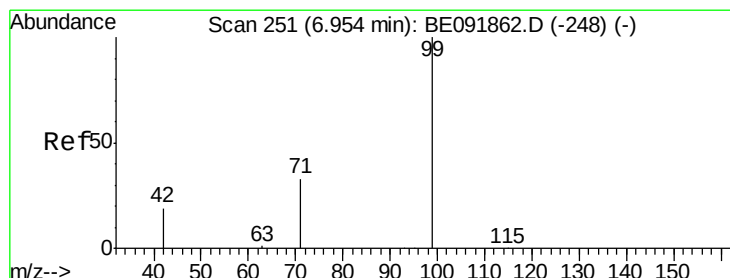
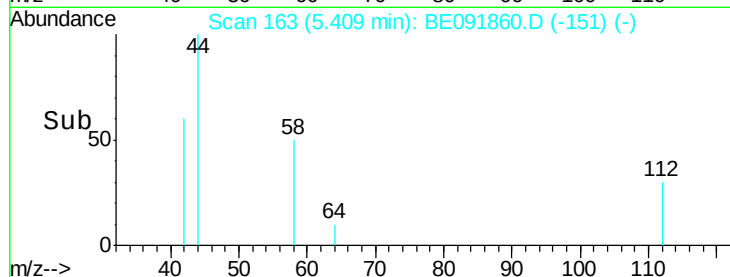
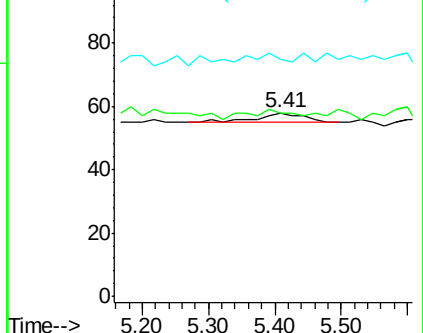
63 46.7 29.5 44.3#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 6.79 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

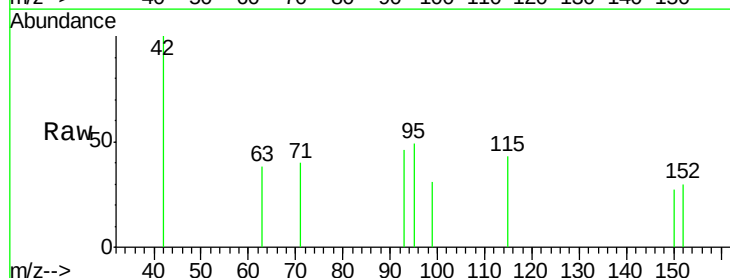
Tgt Ion: 99 Resp: 20

Ion Ratio Lower Upper

99 100

42 130.0 19.6 29.4#

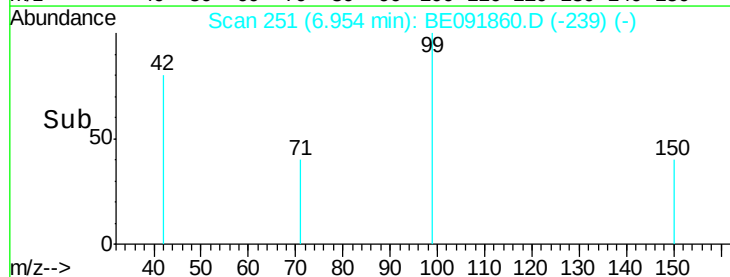
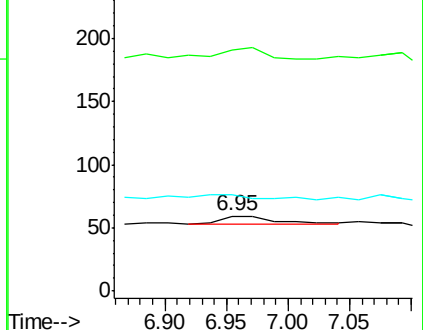
71 0.0 28.1 42.1#

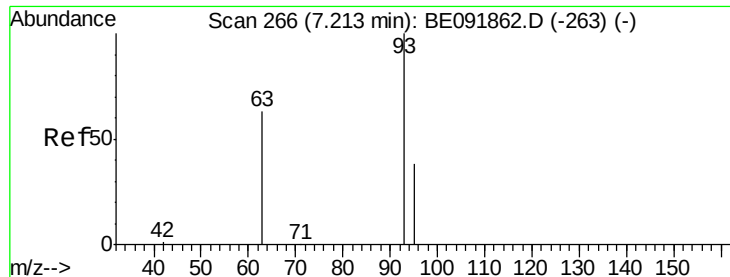


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 19.32 ng

RT: 7.13 min Scan# 261

Delta R.T. -0.09 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampleId :

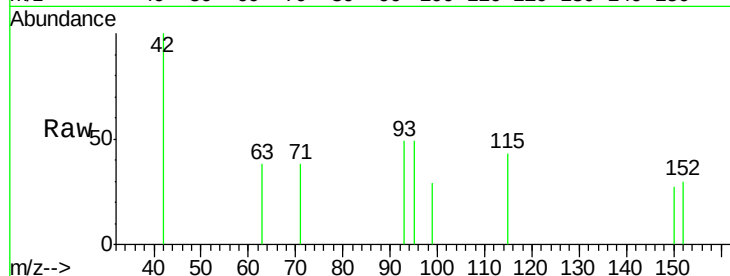
Tot Ion: 93 Resp: 47

Ion Ratio Lower Upper

93 100

63 8.5 66.2 99.4#

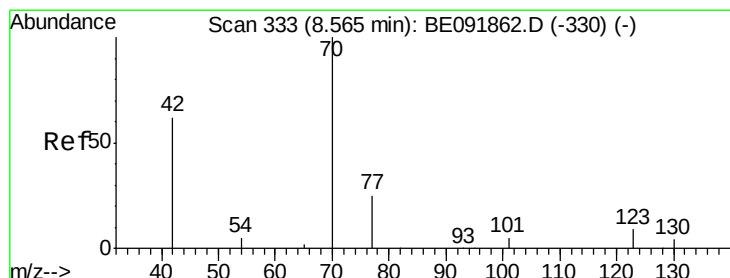
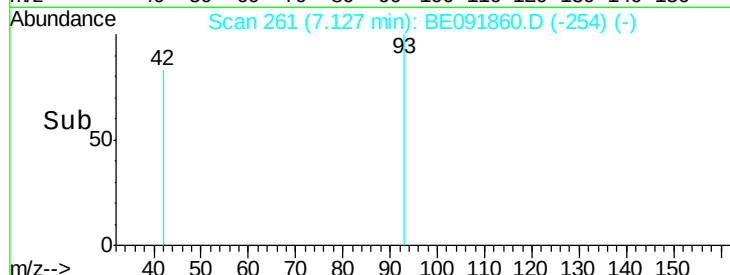
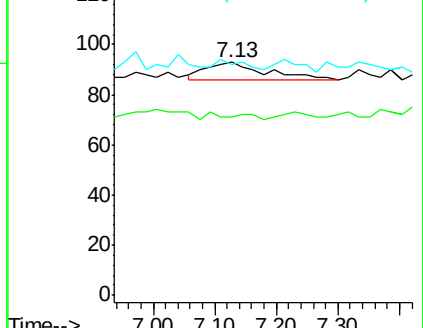
95 0.0 25.5 38.3#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

n-Nitroso-di-n-propylamine

Concen: 14.69 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Tgt Ion: 70 Resp: 33

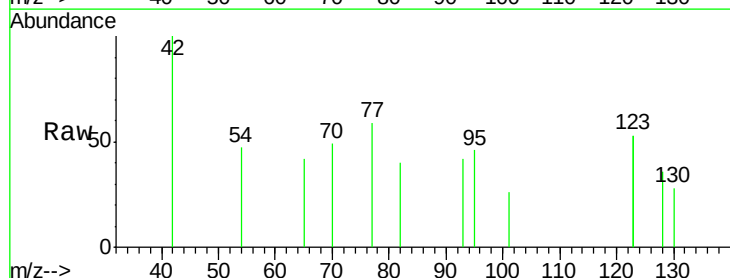
Ion Ratio Lower Upper

70 100

42 0.0 58.4 87.6#

101 0.0 6.4 9.6#

130 0.0 0.0 0.0

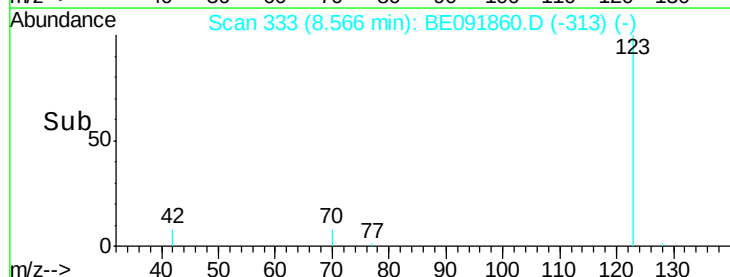
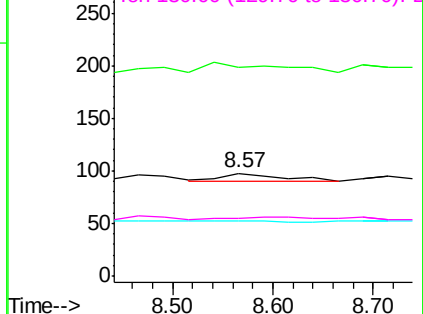


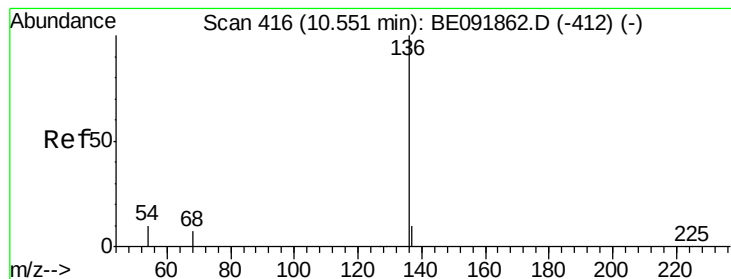
Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 130.00 (129.70 to 130.70): BE0





#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 417

Delta R.T. 0.02 min

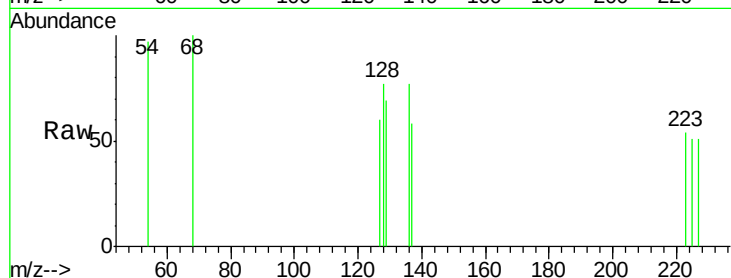
Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampleId :



Tot Ion:136 Resp: 56

Ion Ratio Lower Upper

136 100

137 75.0 8.3 12.5#

54 125.0 8.2 12.4#

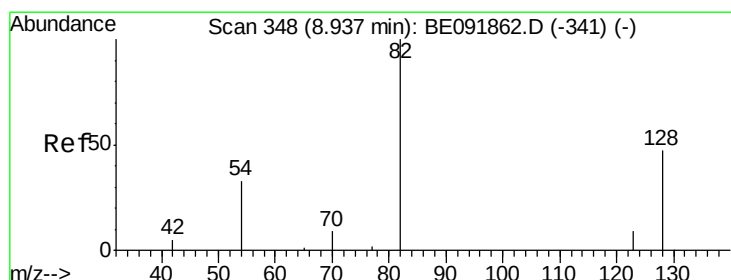
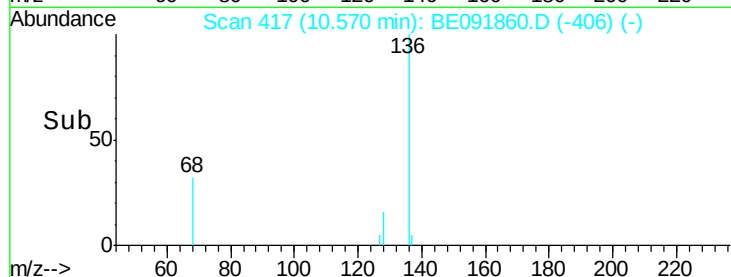
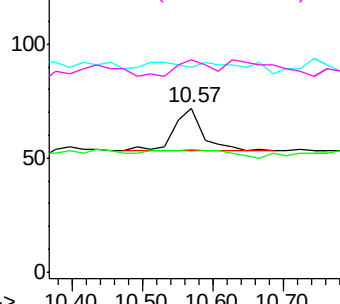
68 129.2 5.9 8.9#

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#9

Nitrobenzene-d5

Concen: 4.29 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Tgt Ion: 82 Resp: 19

Ion Ratio Lower Upper

82 100

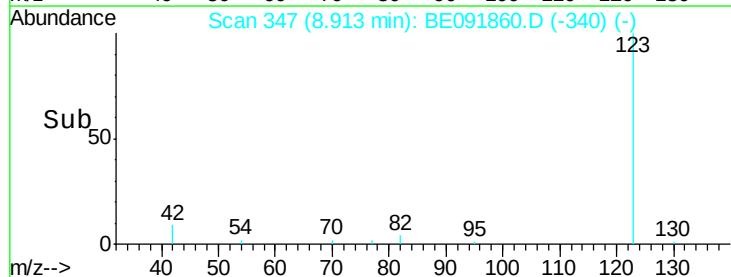
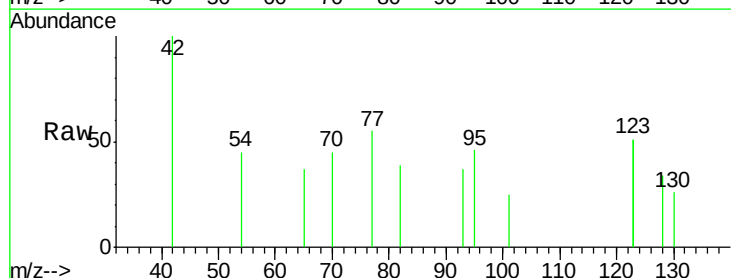
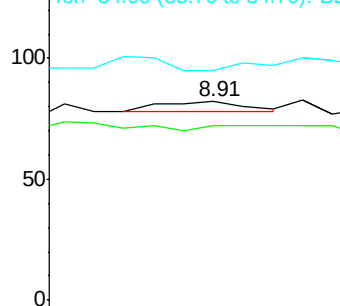
128 87.8 39.5 59.3#

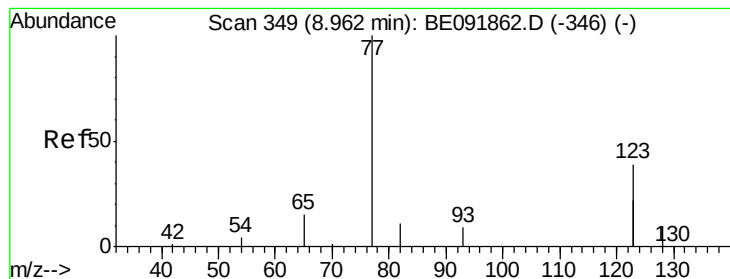
54 115.9 30.3 45.5#

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





#10

Nitrobenzene

Concen: 8.07 ng

RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampled :

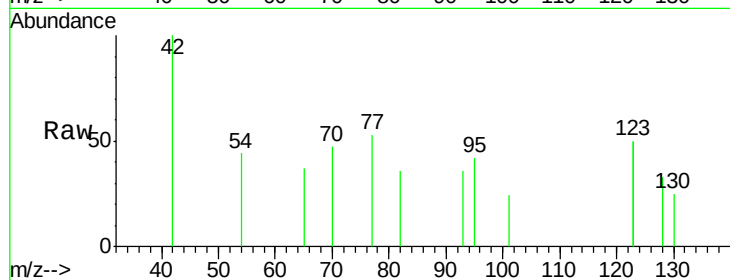
Tot Ion: 77 Resp: 34

Ion Ratio Lower Upper

77 100

123 0.0 0.0 0.0

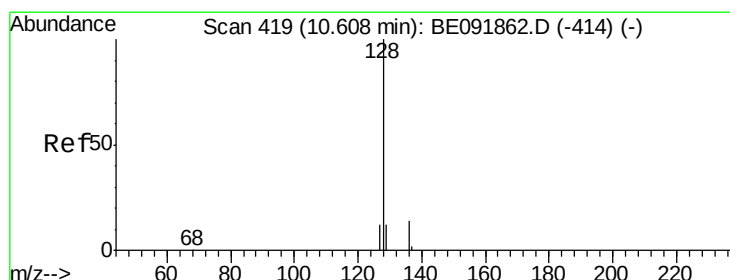
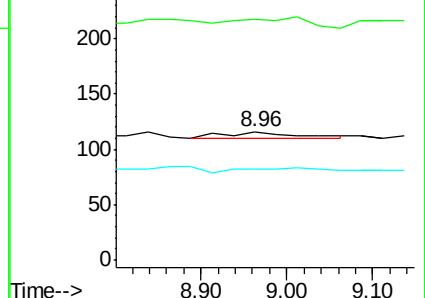
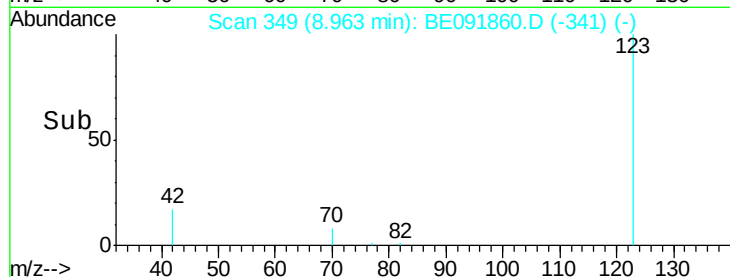
65 0.0 11.1 16.7#



Abundance Ion 77.00 (76.70 to 77.70): BE091862.D (-346) (-)

Ion 123.00 (122.70 to 123.70): BE091862.D (-346) (-)

Ion 65.00 (64.70 to 65.70): BE091862.D (-346) (-)



#12

Naphthalene

Concen: 3.47 ng

RT: 10.61 min Scan# 419

Delta R.T. 0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

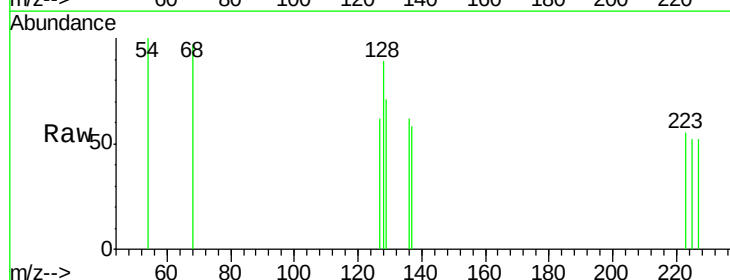
Tgt Ion: 128 Resp: 39

Ion Ratio Lower Upper

128 100

129 80.2 10.4 15.6#

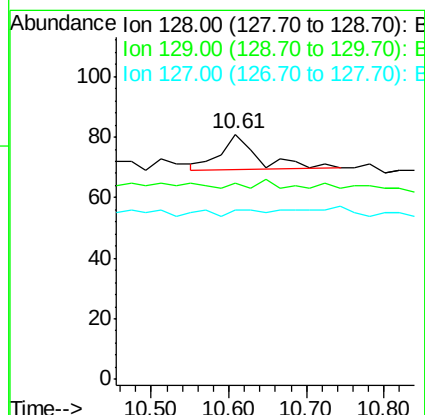
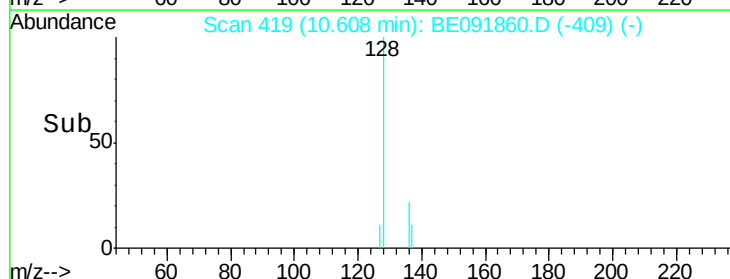
127 69.1 10.2 15.2#

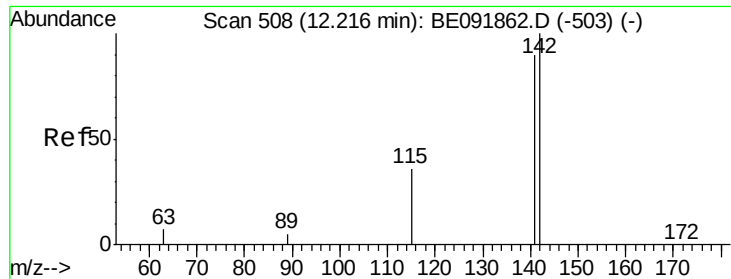


Abundance Ion 128.00 (127.70 to 128.70): BE091862.D (-414) (-)

Ion 129.00 (128.70 to 129.70): BE091862.D (-414) (-)

Ion 127.00 (126.70 to 127.70): BE091862.D (-414) (-)

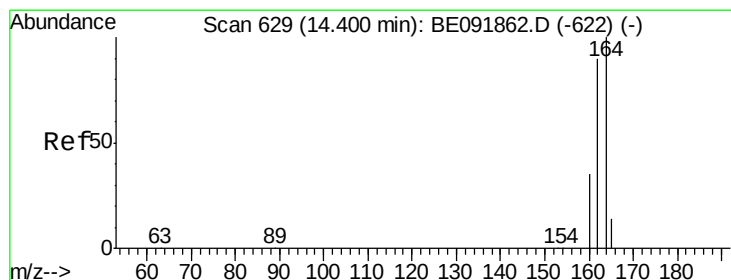
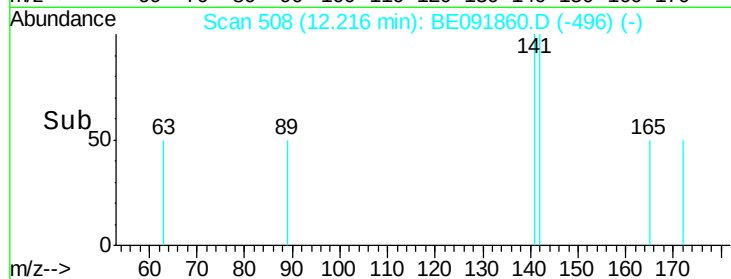
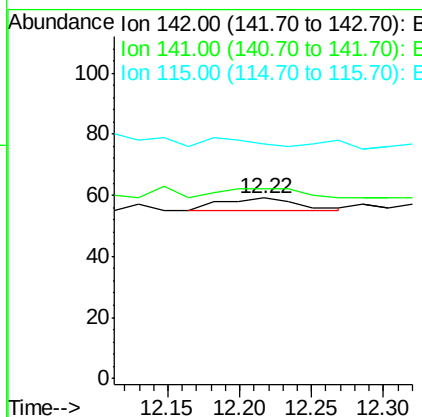
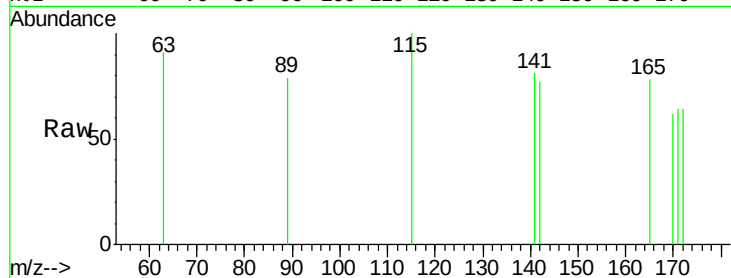




#14
2-Methylnaphthalene
Concen: 2.10 ng
RT: 12.22 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE091860.D
Acq: 25 May 2016 15:57

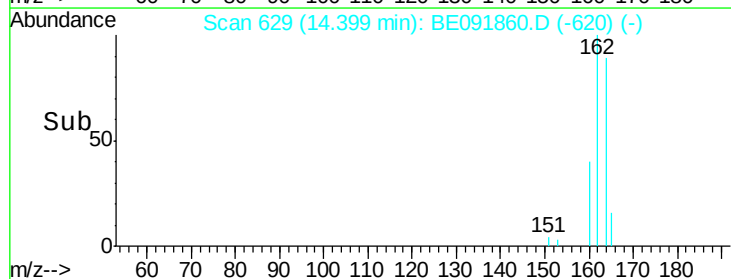
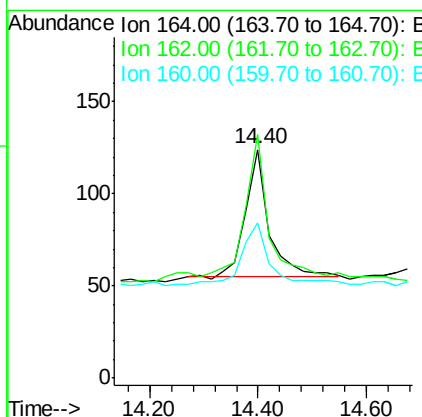
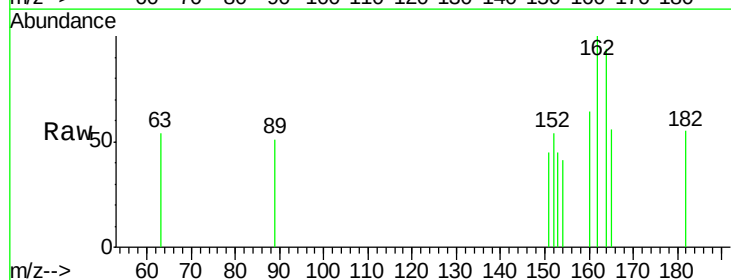
Instrument :
BNA_E
ClientSampled :

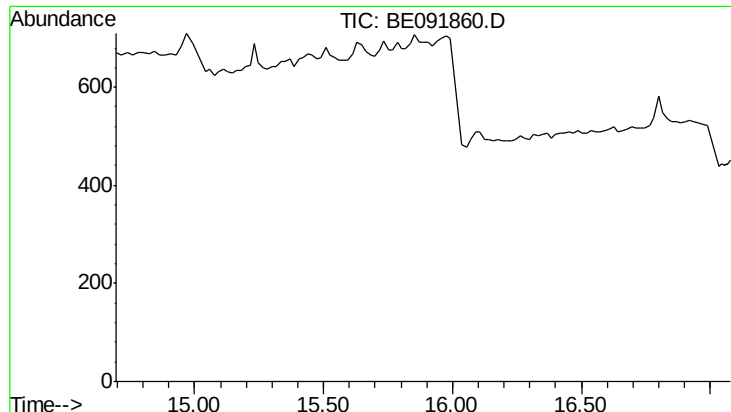
Tot Ion:142 Resp: 16
Ion Ratio Lower Upper
142 100
141 105.1 71.9 107.9
115 130.5 29.9 44.9#



#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 629
Delta R.T. -0.00 min
Lab File: BE091860.D
Acq: 25 May 2016 15:57

Tgt Ion:164 Resp: 207
Ion Ratio Lower Upper
164 100
162 106.5 71.8 107.8
160 67.7 28.0 42.0#

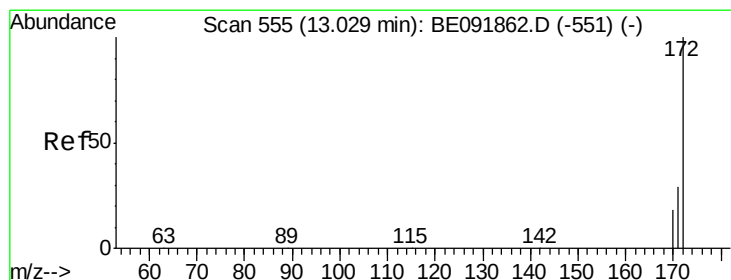
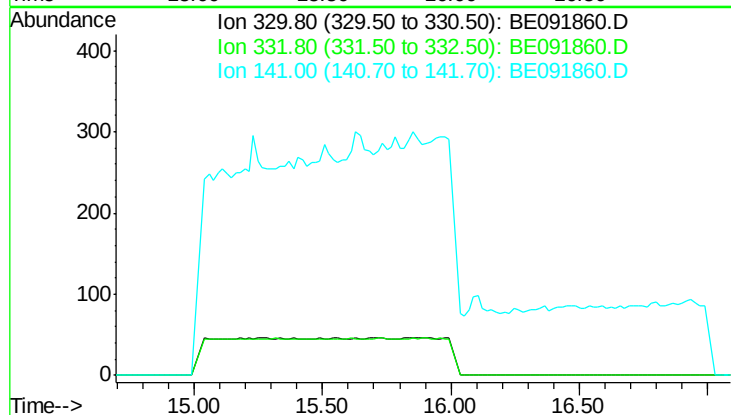




#16
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 15.89 min
 Lab File: BE091860.D
 Acq: 25 May 2016 15:57

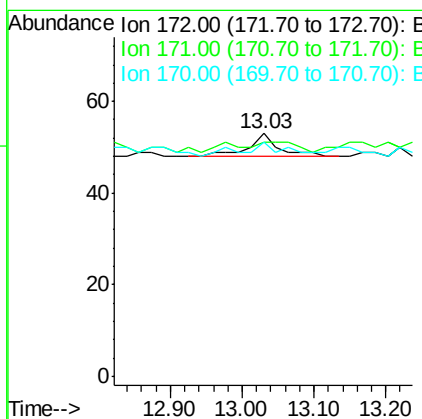
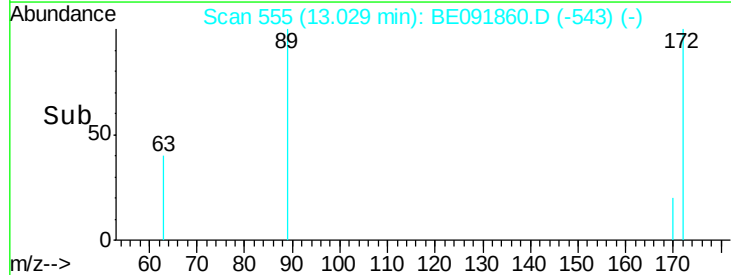
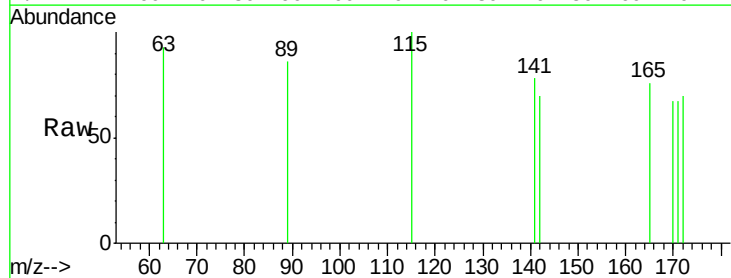
Instrument :
 BNA_E
 ClientSampleId :

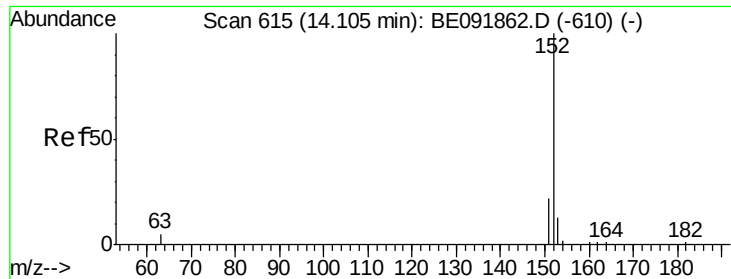
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 173.0



#17
 2-Fluorobiphenyl
 Concen: 0.28 ng
 RT: 13.03 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BE091860.D
 Acq: 25 May 2016 15:57

Tgt Ion: 172 Resp: 16
 Ion Ratio Lower Upper
 172 100
 171 96.2 24.3 36.5#
 170 96.2 14.9 22.3#





#18

Acenaphthylene

Concen: 3.51 ng

RT: 14.06 min Scan# 613

Delta R.T. -0.04 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampled :

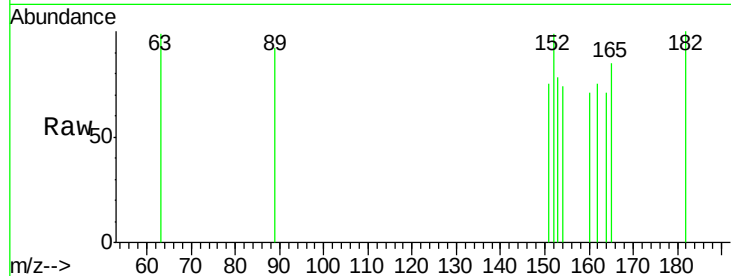
Tot Ion:152 Resp: 323

Ion Ratio Lower Upper

152 100

151 0.0 19.4 29.2#

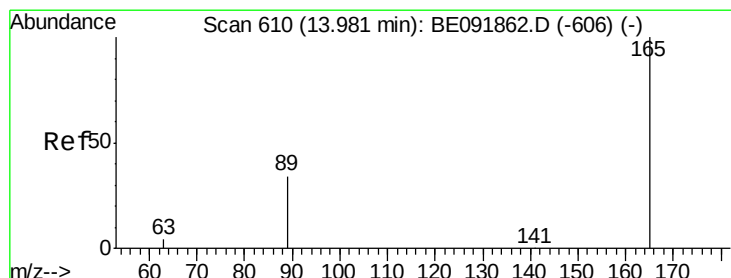
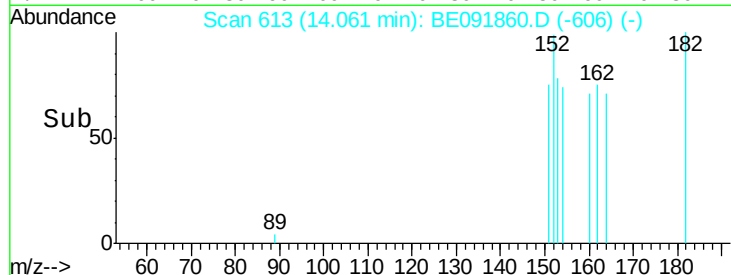
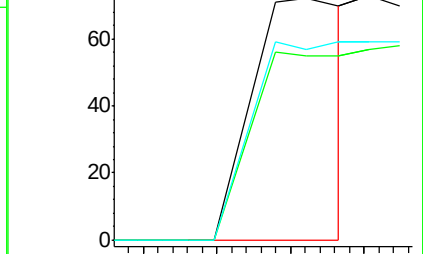
153 0.0 14.4 21.6#



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



#19

2,6-Dinitrotoluene

Concen: 1.28 ng

RT: 13.95 min Scan# 608

Delta R.T. -0.03 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

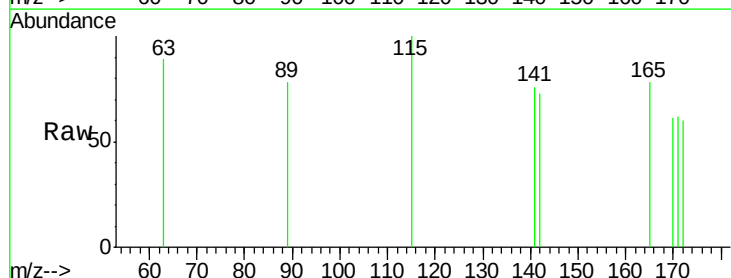
Tgt Ion:165 Resp: 18

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

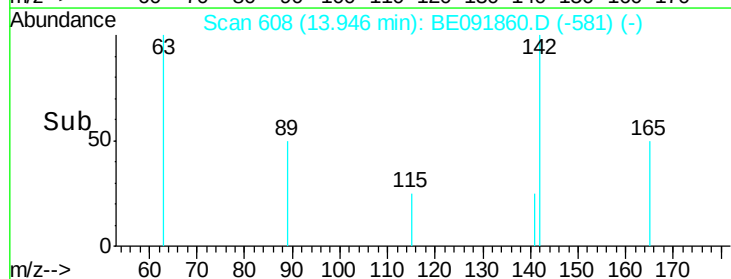
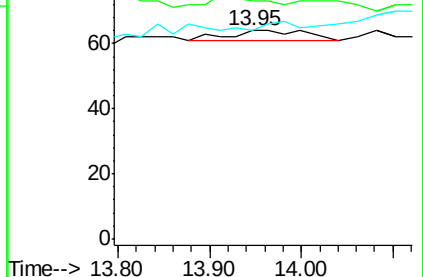
89 0.0 59.1 88.7#

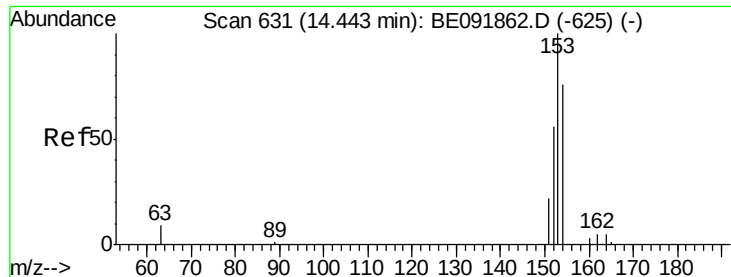


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0





#20

Acenaphthene

Concen: 0.08 ng

RT: 14.44 min Scan# 631

Delta R.T. -0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampleId :

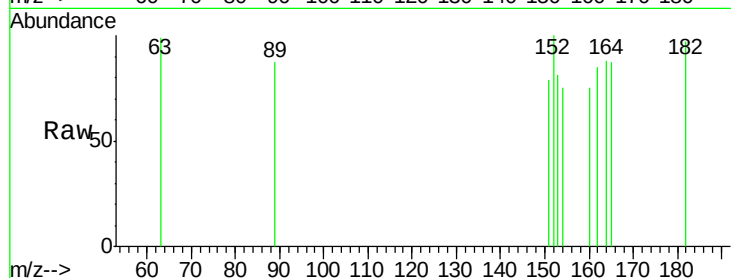
Tot Ion:154 Resp: 4

Ion Ratio Lower Upper

154 100

153 0.0 88.1 132.1#

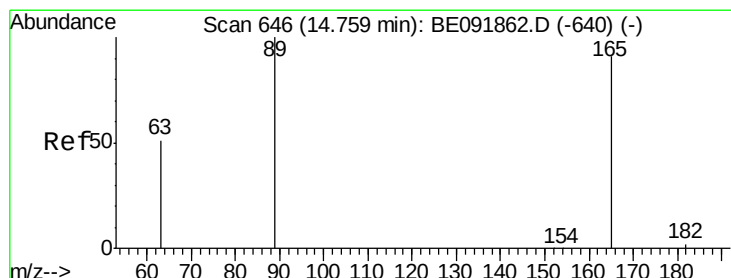
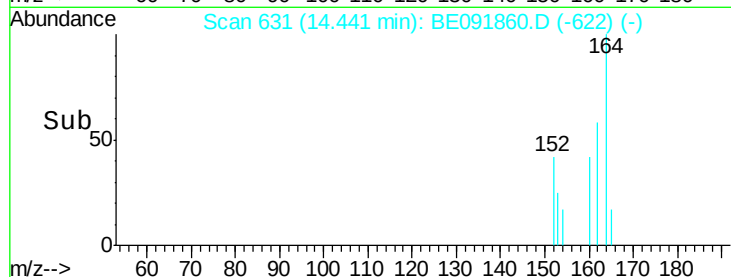
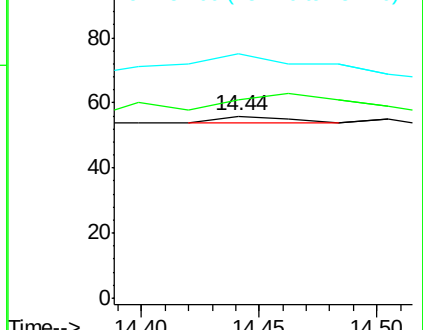
152 625.0 44.2 66.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#21

2,4-Dinitrotoluene

Concen: 1.22 ng

RT: 14.72 min Scan# 644

Delta R.T. -0.04 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Tgt Ion:165 Resp: 20

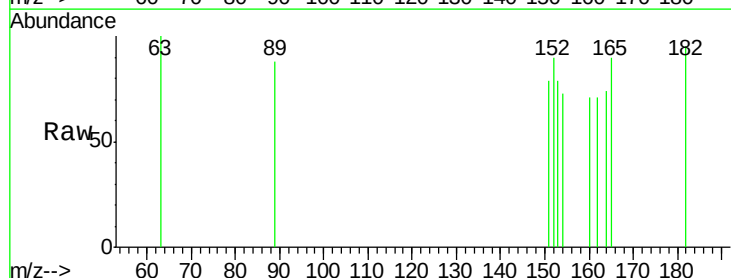
Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

89 0.0 99.8 149.8#

182 0.0 0.0 0.0

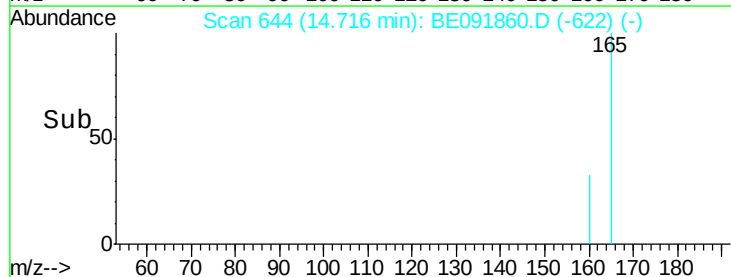
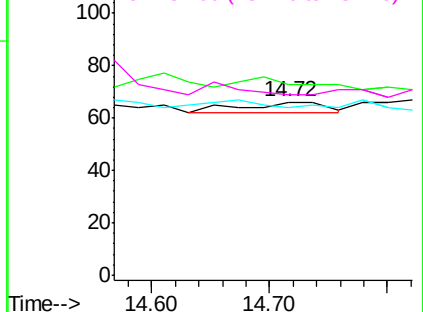


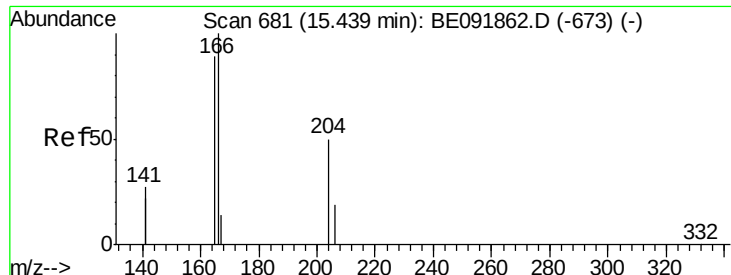
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.68 ng

RT: 15.44 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampleId :

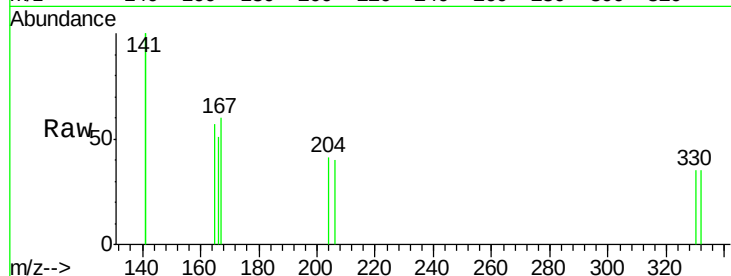
Tot Ion:166 Resp: 45

Ion Ratio Lower Upper

166 100

165 0.0 78.6 117.8#

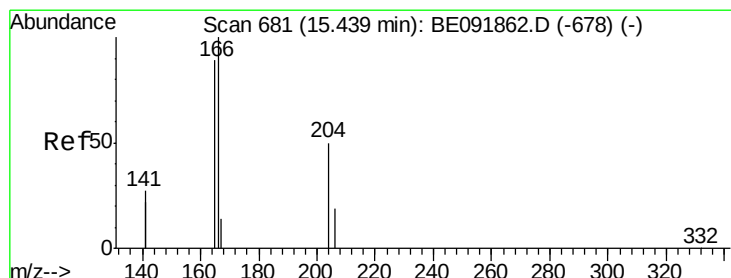
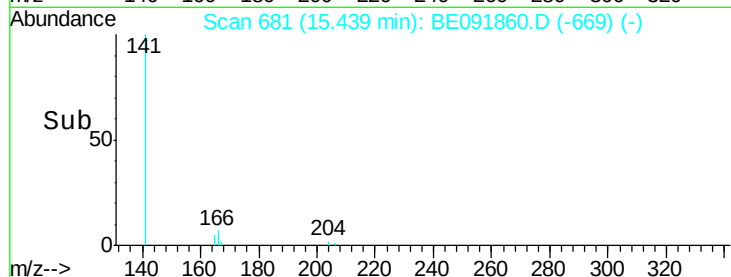
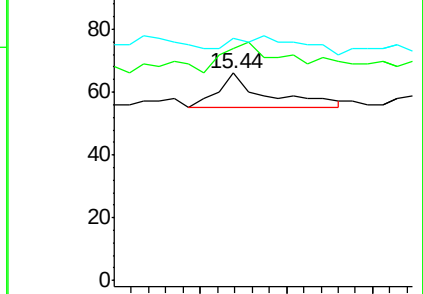
167 0.0 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#23

4-Chlorophenyl-phenylether

Concen: 15.92 ng

RT: 15.11 min Scan# 662

Delta R.T. -0.33 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

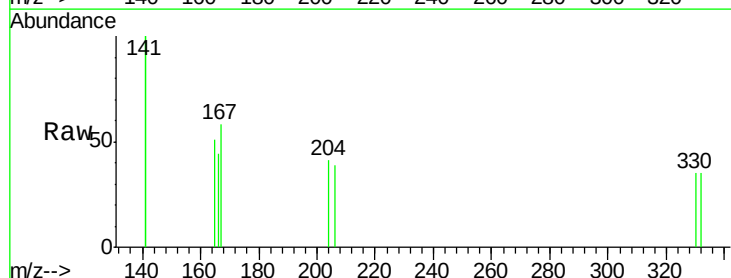
Tgt Ion:204 Resp: 519

Ion Ratio Lower Upper

204 100

206 0.0 27.8 41.6#

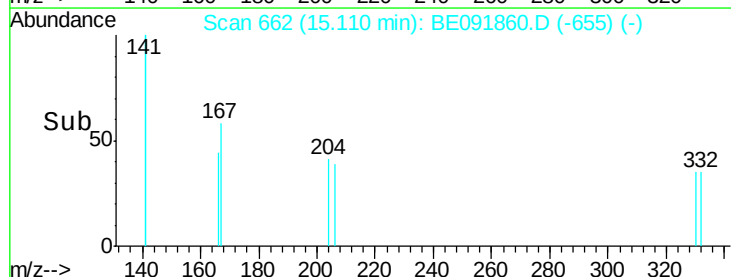
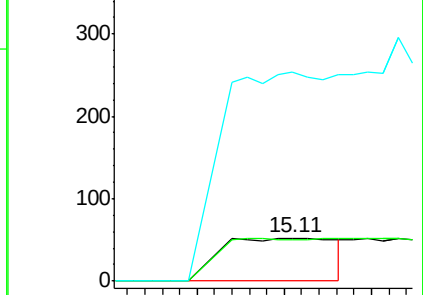
141 438.7 197.6 296.4#

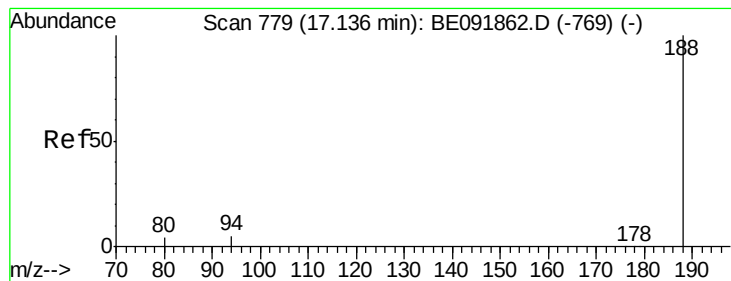


Abundance Ion 204.00 (203.70 to 204.70): E

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: 17.14 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampleId :

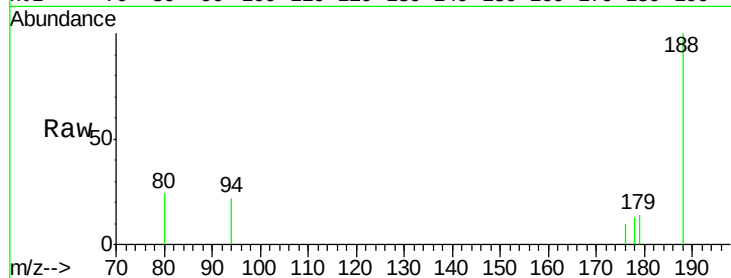
Tot Ion:188 Resp: 2074

Ion Ratio Lower Upper

188 100

94 22.4 4.1 6.1#

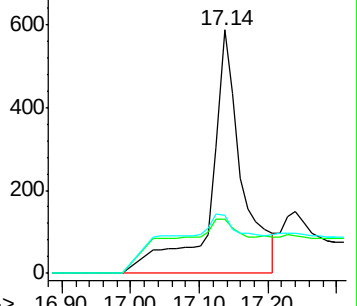
80 23.6 3.4 5.2#



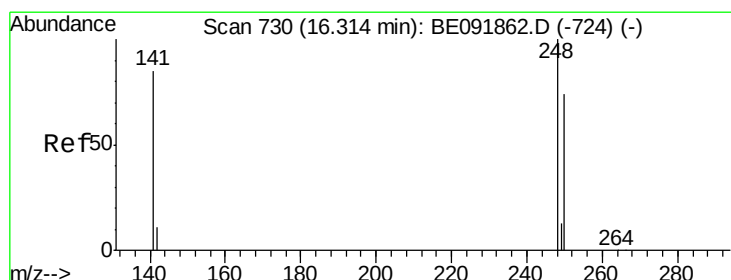
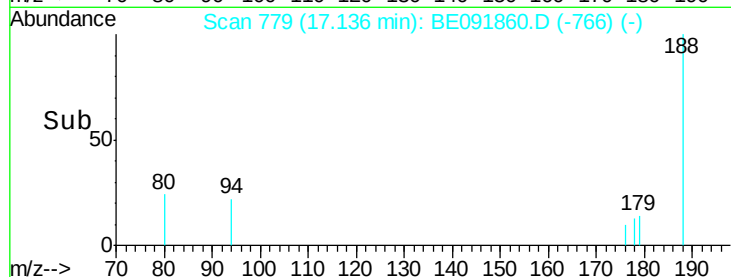
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#25

4-Bromophenyl-phenylether

Concen: 0.15 ng

RT: 16.31 min Scan# 730

Delta R.T. -0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

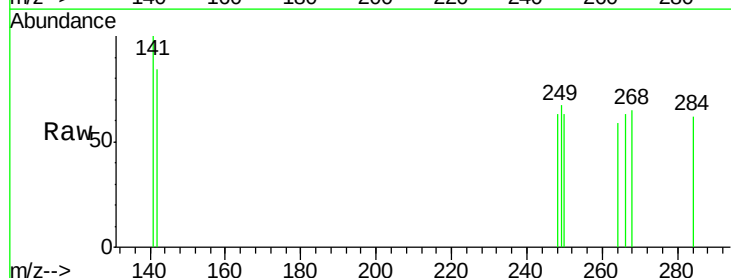
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 150.0 75.7 113.5#

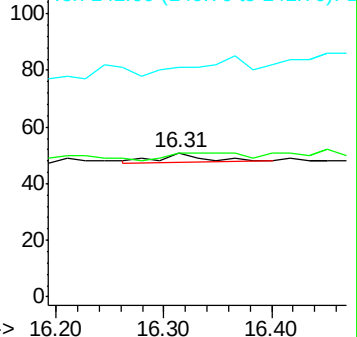
141 0.0 64.6 97.0#



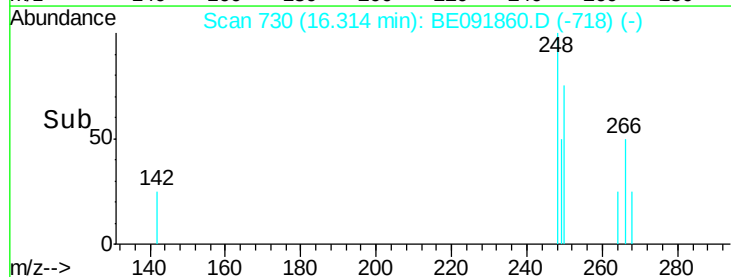
Abundance Ion 248.00 (247.70 to 248.70): E

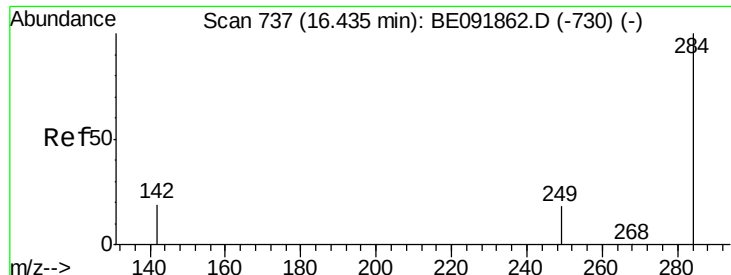
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

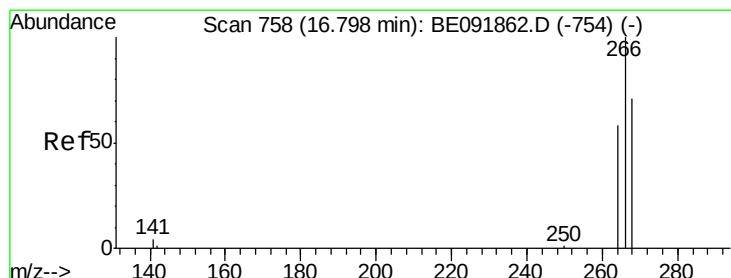
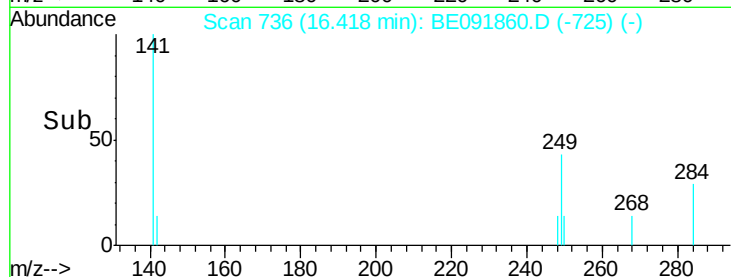
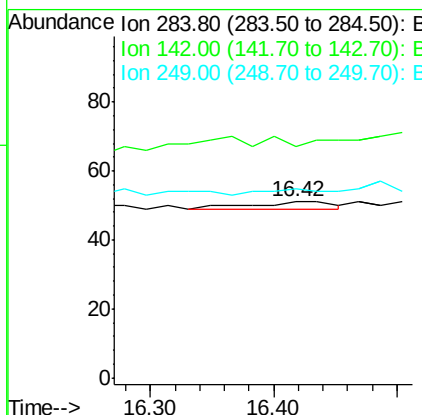
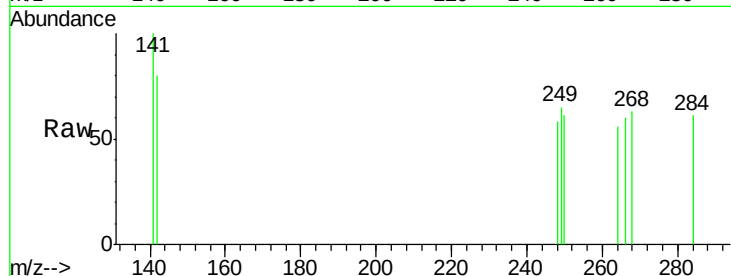




#26
Hexachlorobenzene
Concen: 0.14 ng
RT: 16.42 min Scan# 736
Delta R.T. -0.02 min
Lab File: BE091860.D
Acq: 25 May 2016 15:57

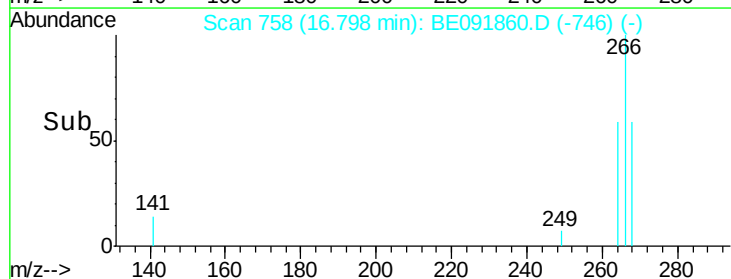
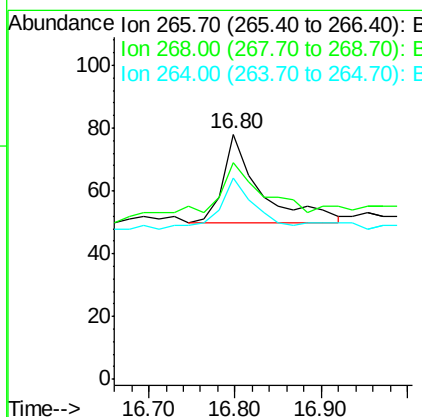
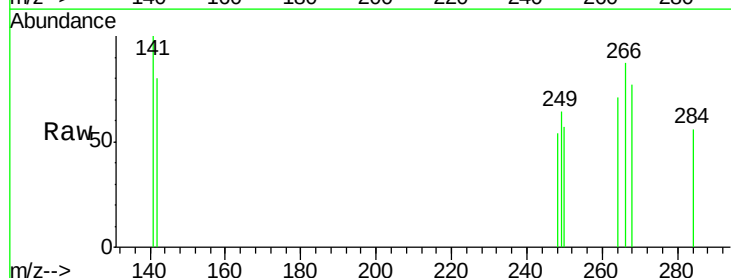
Instrument :
BNA_E
ClientSampleId :

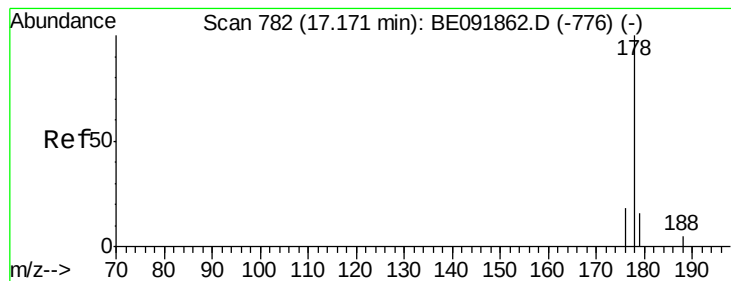
Tot Ion:284 Resp: 9
Ion Ratio Lower Upper
284 100
142 0.0 31.4 47.2#
249 55.6 25.3 37.9#



#27
Pentachlorophenol
Concen: 2.87 ng
RT: 16.80 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE091860.D
Acq: 25 May 2016 15:57

Tgt Ion:266 Resp: 83
Ion Ratio Lower Upper
266 100
268 88.5 60.5 90.7
264 82.1 51.0 76.4#





#28

Phenanthrene

Concen: 0.62 ng

RT: 17.18 min Scan# 783

Delta R.T. 0.01 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampled :

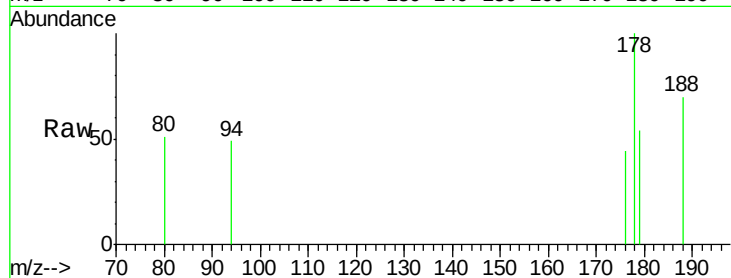
Tot Ion:178 Resp: 246

Ion Ratio Lower Upper

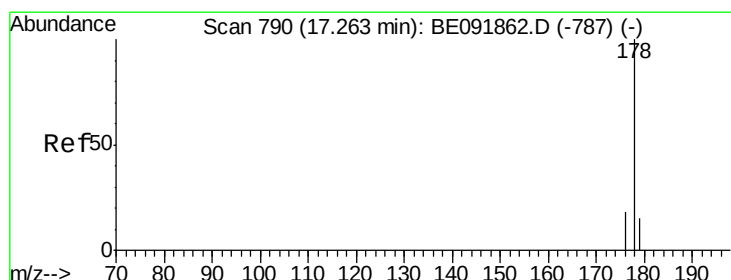
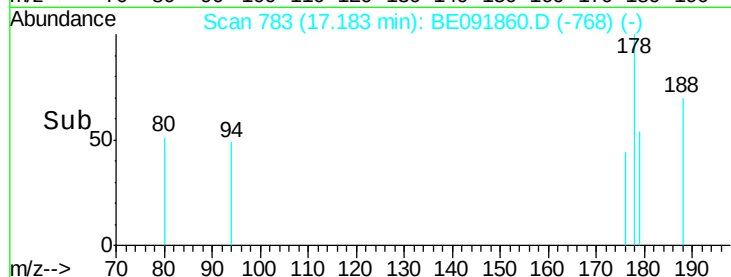
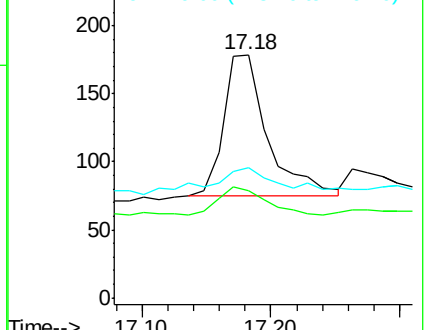
178 100

176 20.7 15.4 23.2

179 0.0 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: 0.17 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

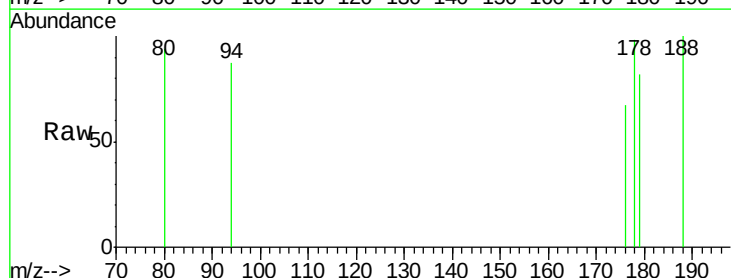
Tgt Ion:178 Resp: 65

Ion Ratio Lower Upper

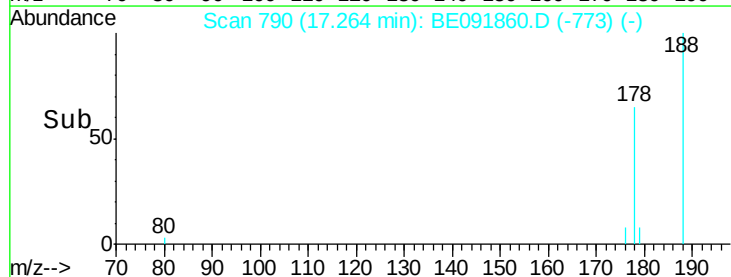
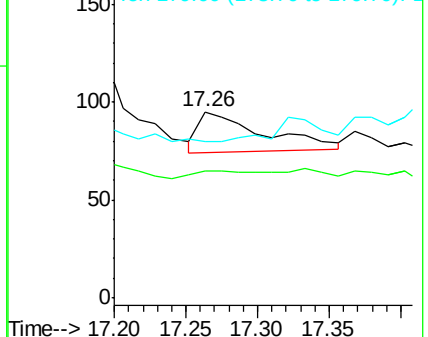
178 100

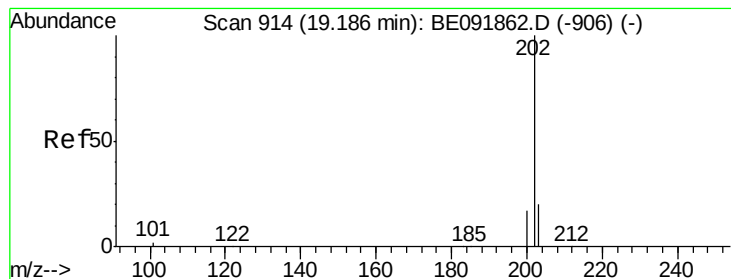
176 16.9 15.1 22.7

179 0.0 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: 0.84 ng

RT: 19.19 min Scan# 914

Delta R.T. 0.00 min

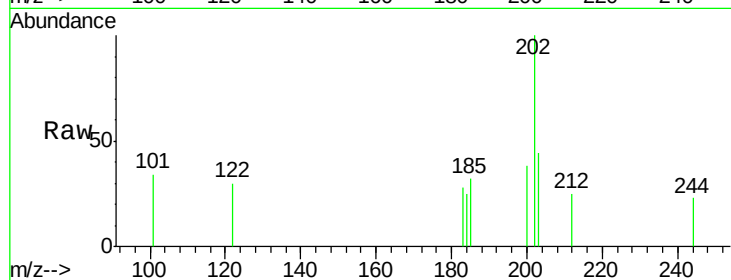
Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampled :



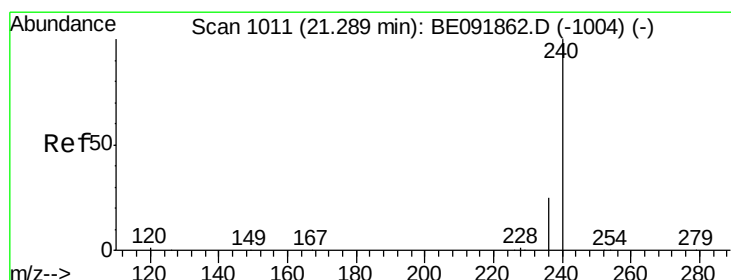
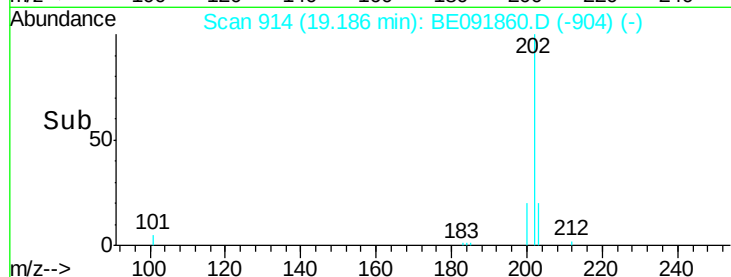
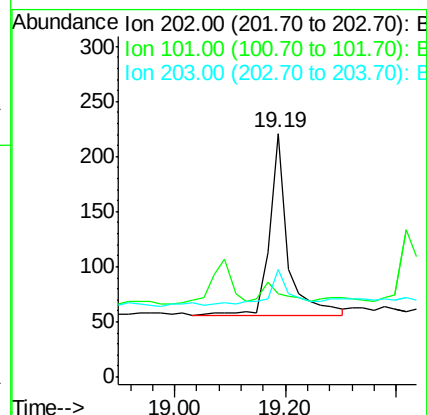
Tot Ion:202 Resp: 382

Ion Ratio Lower Upper

202 100

101 9.7 9.4 14.0

203 22.5 14.3 21.5#



#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

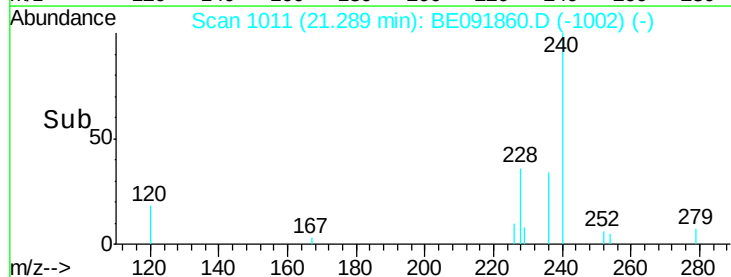
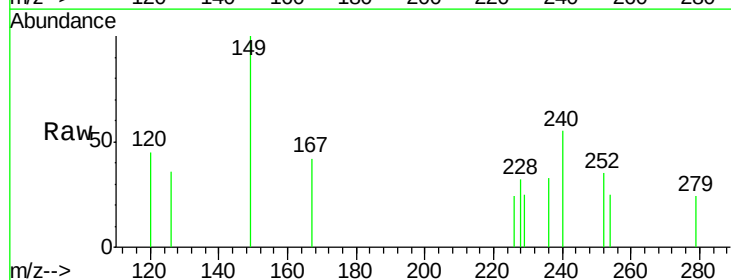
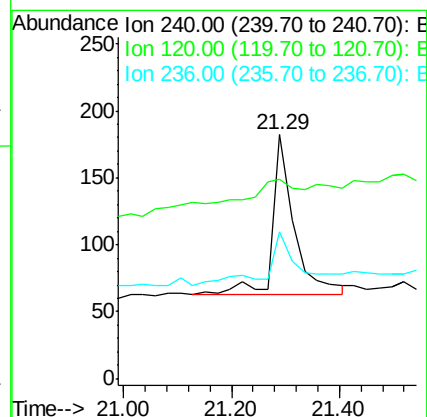
Tgt Ion:240 Resp: 332

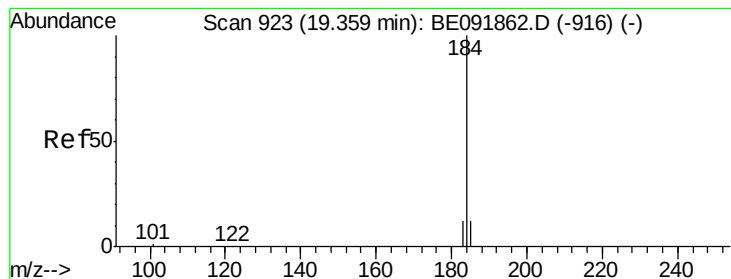
Ion Ratio Lower Upper

240 100

120 81.9 1.2 1.8#

236 60.4 19.8 29.8#





#32

Benzidine

Concen: 2.91 ng

RT: 19.40 min Scan# 925

Delta R.T. 0.04 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampled :

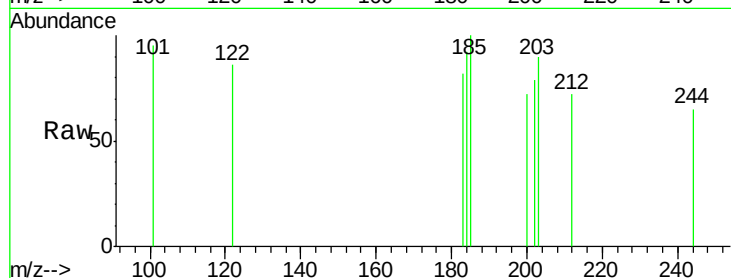
Tot Ion:184 Resp: 76

Ion Ratio Lower Upper

184 100

185 108.3 11.4 17.2#

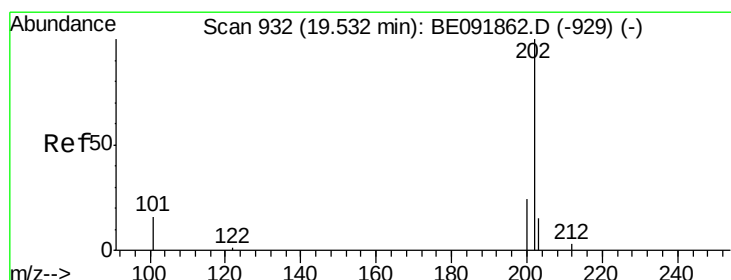
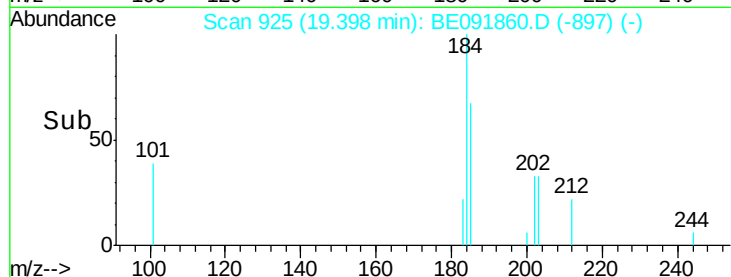
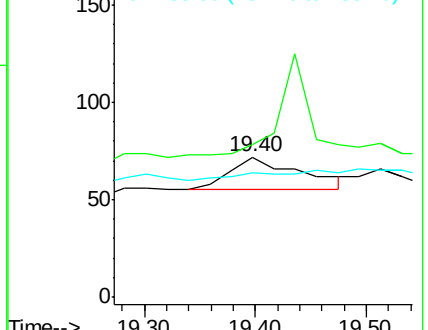
183 88.9 11.8 17.6#



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: 4.91 ng

RT: 19.55 min Scan# 933

Delta R.T. 0.02 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

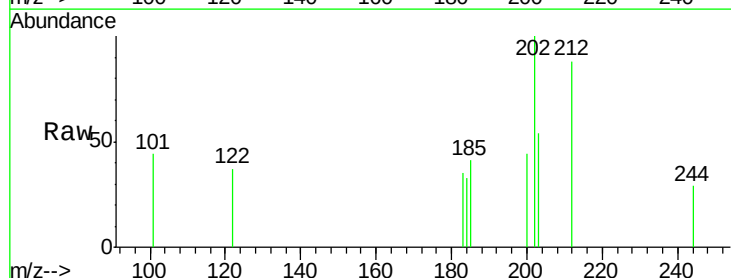
Tgt Ion:202 Resp: 312

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

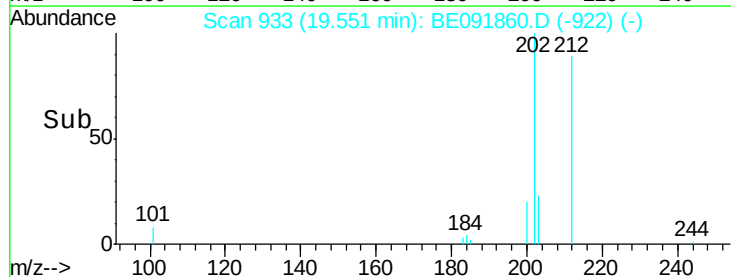
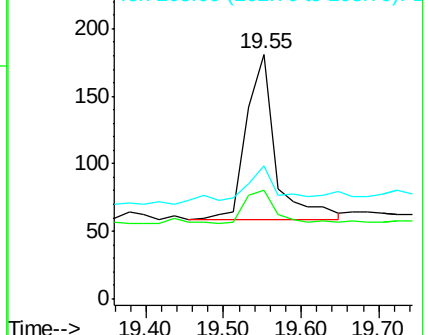
203 31.1 14.1 21.1#

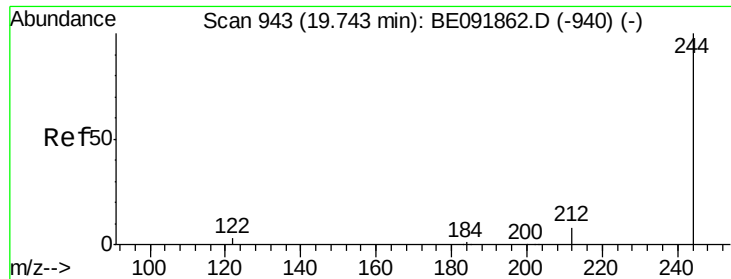


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

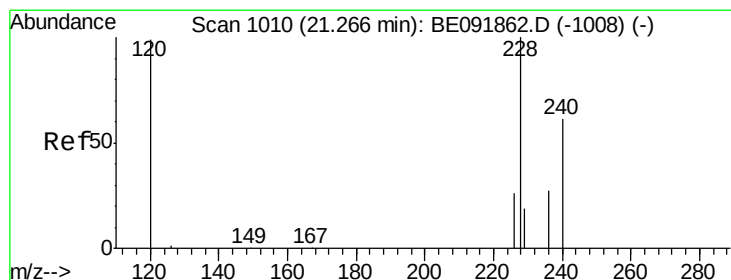
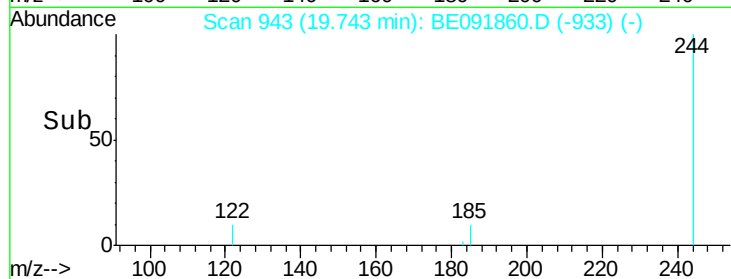
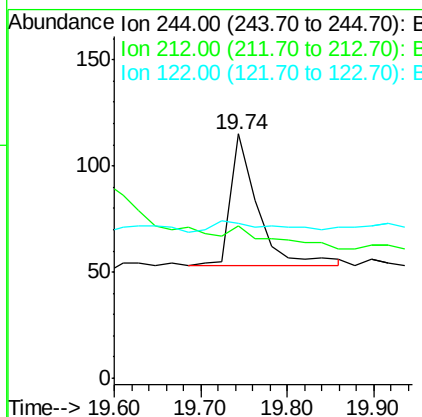
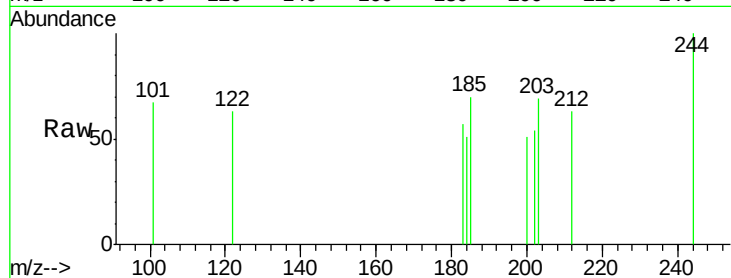




#34
 Terphenyl-d14
 Concen: 3.01 ng
 RT: 19.74 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BE091860.D
 Acq: 25 May 2016 15:57

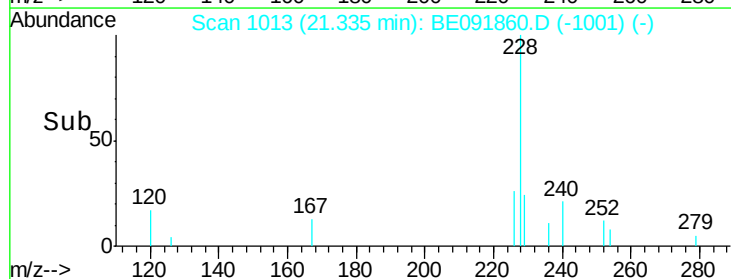
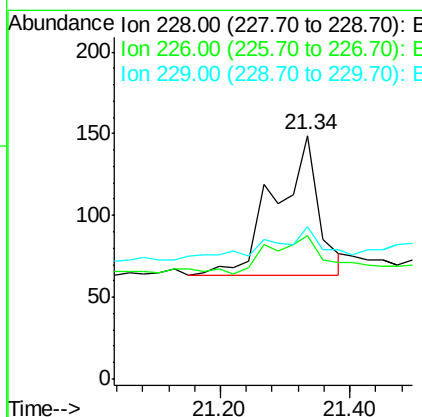
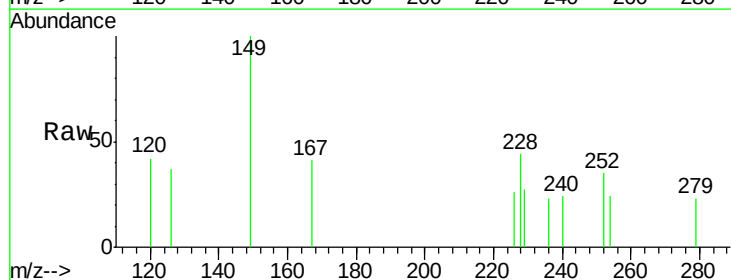
Instrument :
 BNA_E
 ClientSampled :

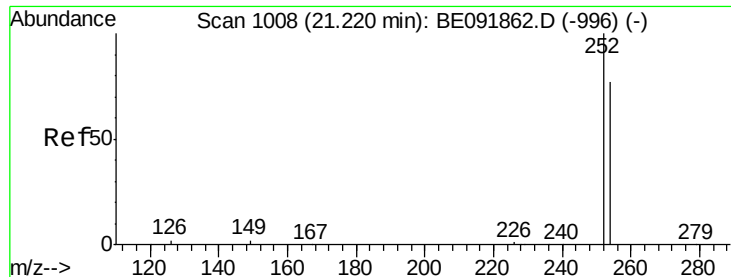
Tot Ion:244 Resp: 137
 Ion Ratio Lower Upper
 244 100
 212 62.6 6.5 9.7#
 122 63.5 2.9 4.3#



#35
 Benzo(a)anthracene
 Concen: 3.76 ng
 RT: 21.34 min Scan# 1013
 Delta R.T. 0.07 min
 Lab File: BE091860.D
 Acq: 25 May 2016 15:57

Tgt Ion:228 Resp: 406
 Ion Ratio Lower Upper
 228 100
 226 59.1 21.0 31.4#
 229 62.4 15.8 23.8#

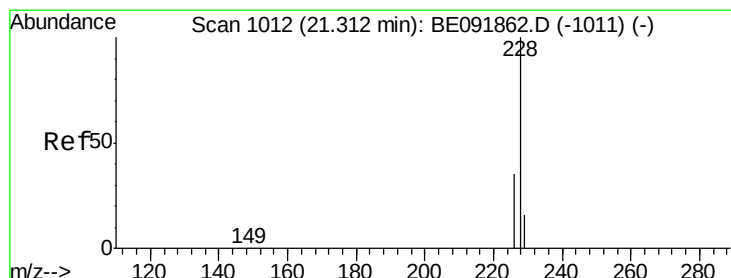
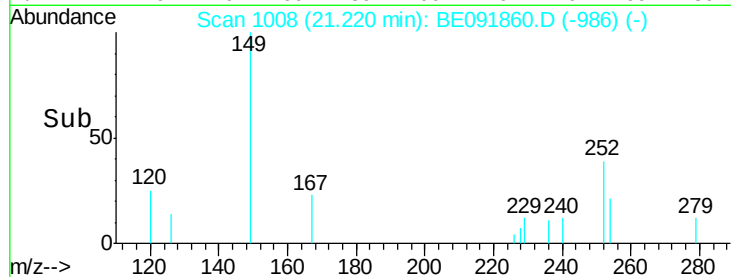
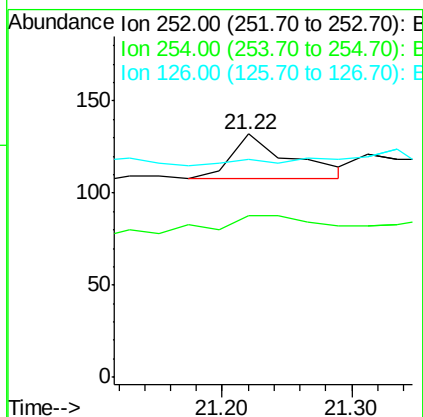
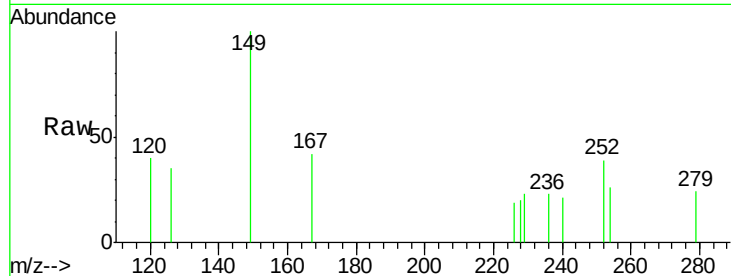




#36
 3,3'-Dichlorobenzidine
 Concen: 1.75 ng
 RT: 21.22 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BE091860.D
 Acq: 25 May 2016 15:57

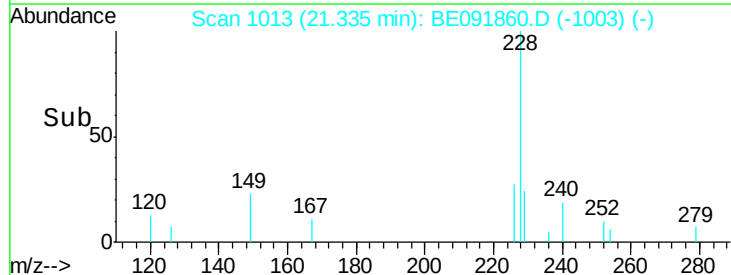
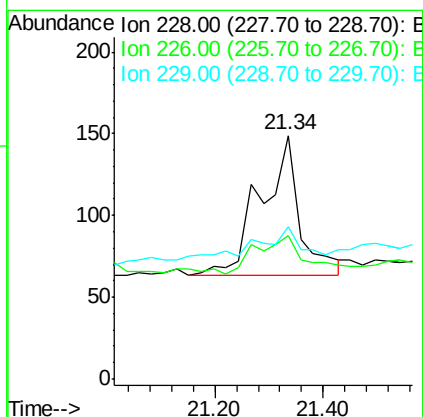
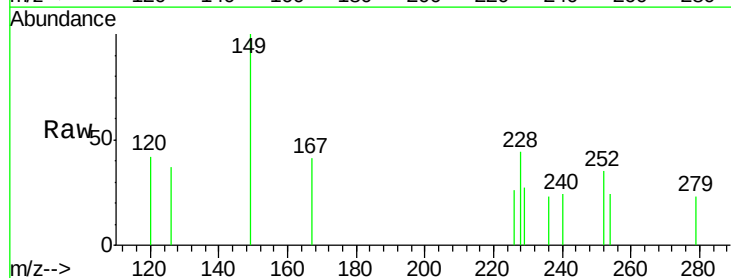
Instrument :
 BNA_E
 ClientSampleId :

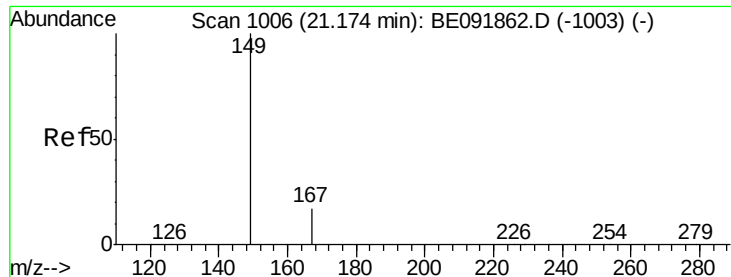
Tot Ion:252 Resp: 76
 Ion Ratio Lower Upper
 252 100
 254 66.7 61.5 92.3
 126 89.4 2.5 3.7#



#37
 Chrysene
 Concen: 4.11 ng
 RT: 21.34 min Scan# 1013
 Delta R.T. 0.02 min
 Lab File: BE091860.D
 Acq: 25 May 2016 15:57

Tgt Ion:228 Resp: 437
 Ion Ratio Lower Upper
 228 100
 226 59.1 27.0 40.6#
 229 62.4 13.8 20.8#





#38

Bis(2-ethylhexyl)phthalate

Concen: 27.10 ng

RT: 21.17 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampleId :

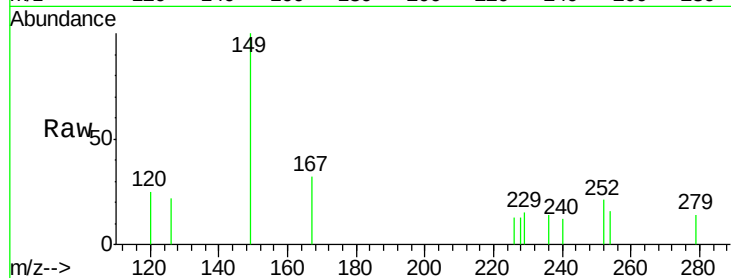
Tot Ion:149 Resp: 766

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

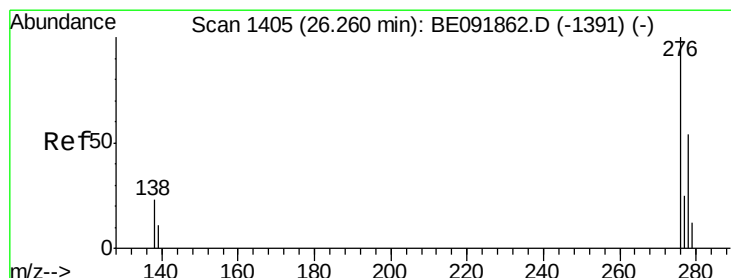
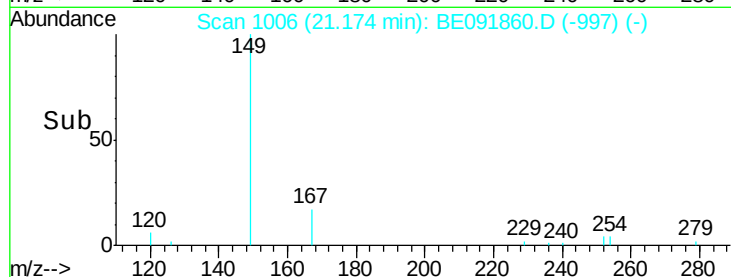
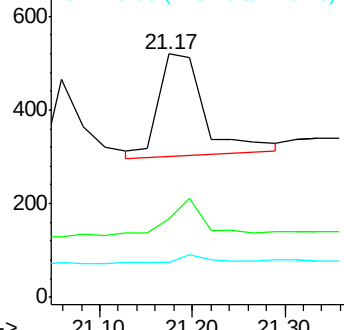
279 0.0 0.0 0.0



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: 1.48 ng

RT: 26.27 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

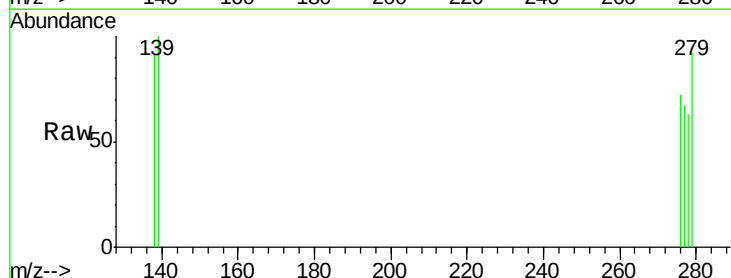
Tgt Ion:276 Resp: 112

Ion Ratio Lower Upper

276 100

138 8.9 19.7 29.5#

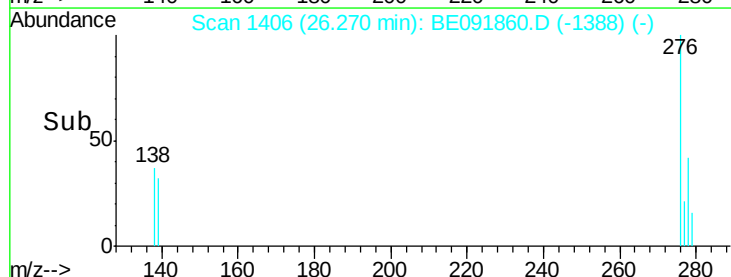
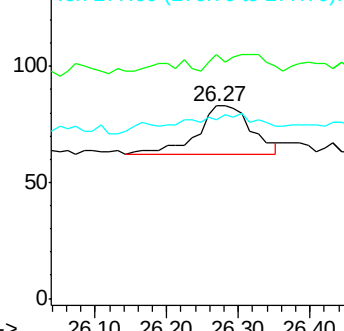
277 0.0 20.1 30.1#

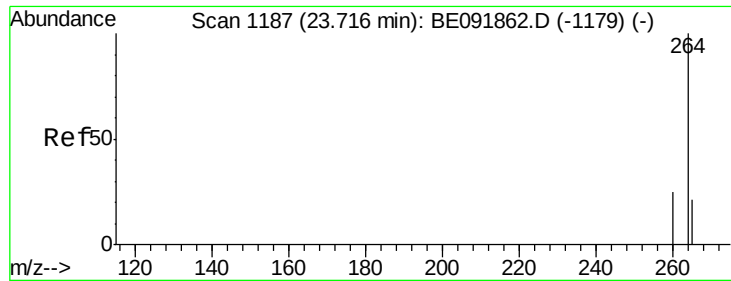


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#40

Pervlene-d12

Concen: 5.00 ng

RT: 23.73 min Scan# 1188

Delta R.T. 0.01 min

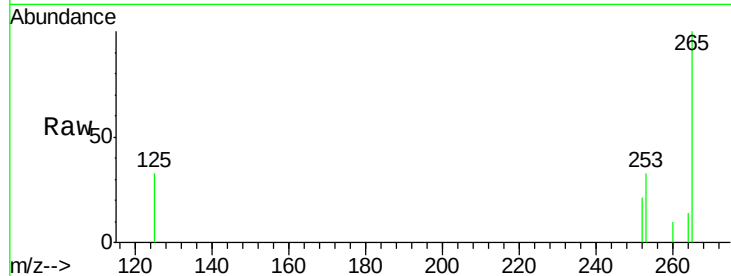
Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampleId :



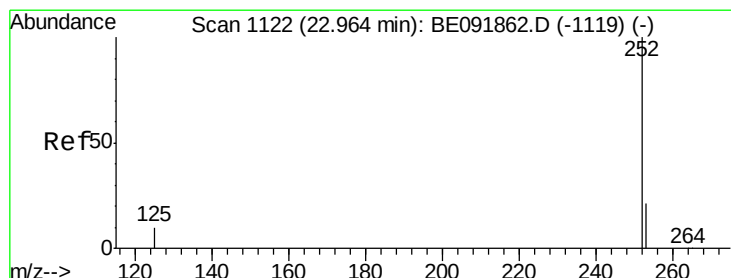
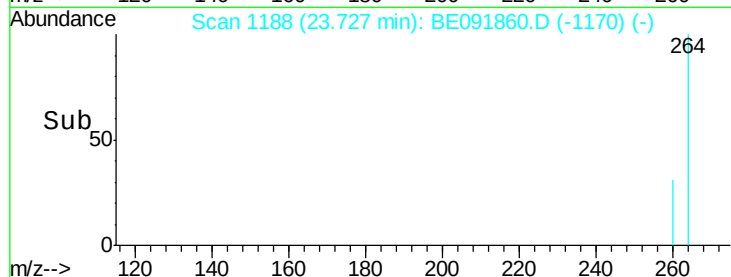
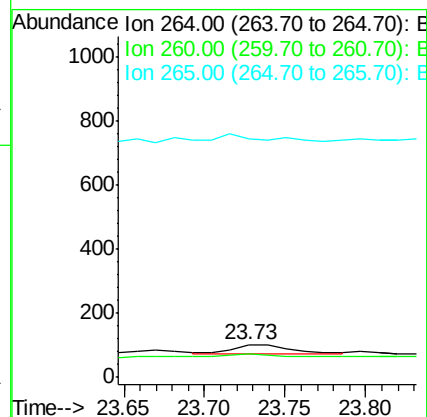
Tot Ion:264 Resp: 75

Ion Ratio Lower Upper

264 100

260 69.6 20.3 30.5#

265 728.4 17.6 26.4#



#41

Benzo(b)fluoranthene

Concen: 8.03 ng

RT: 22.99 min Scan# 1124

Delta R.T. 0.02 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

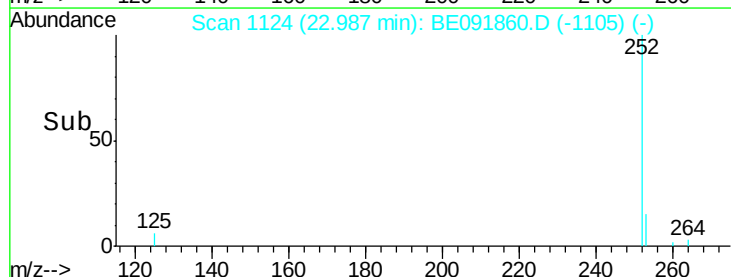
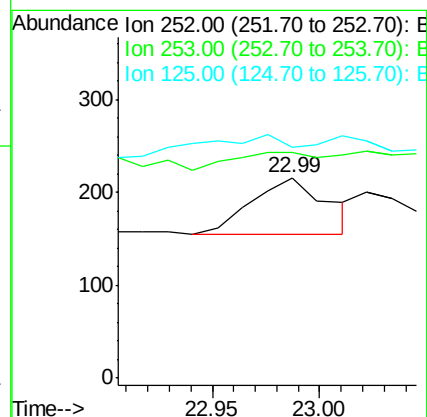
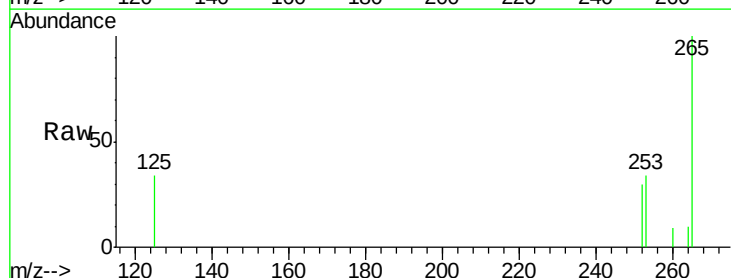
Tgt Ion:252 Resp: 146

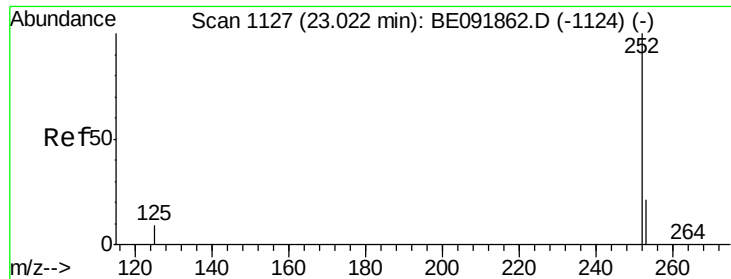
Ion Ratio Lower Upper

252 100

253 112.5 17.8 26.6#

125 115.3 9.4 14.2#





#42

Benzo(k)fluoranthene

Concen: 8.34 ng

RT: 22.99 min Scan# 1124

Delta R.T. -0.03 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampleId :

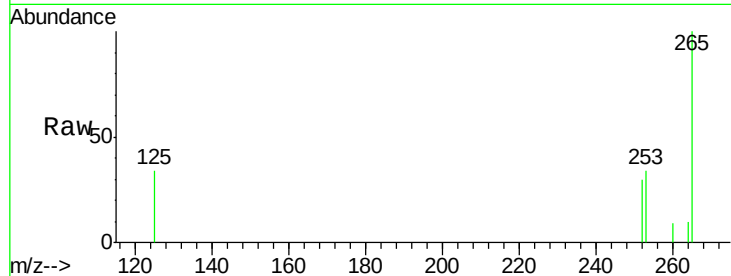
Tot Ion:252 Resp: 146

Ion Ratio Lower Upper

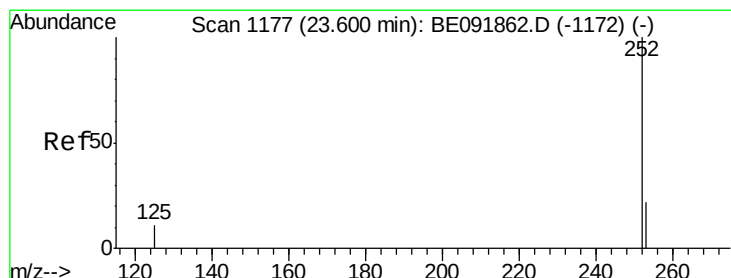
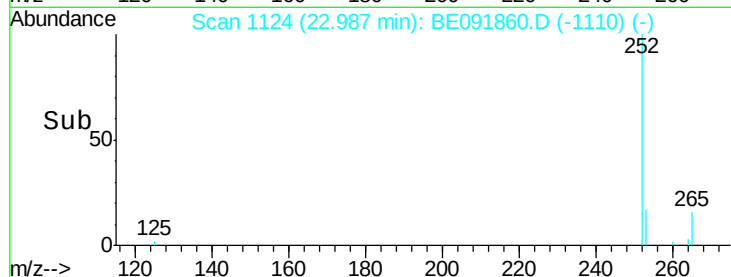
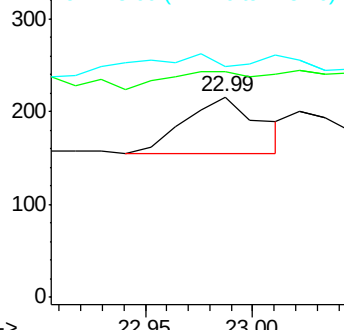
252 100

253 112.5 19.4 29.2#

125 115.3 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: 3.81 ng

RT: 23.62 min Scan# 1179

Delta R.T. 0.02 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

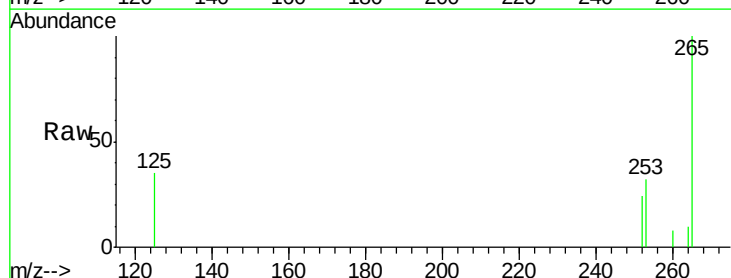
Tgt Ion:252 Resp: 65

Ion Ratio Lower Upper

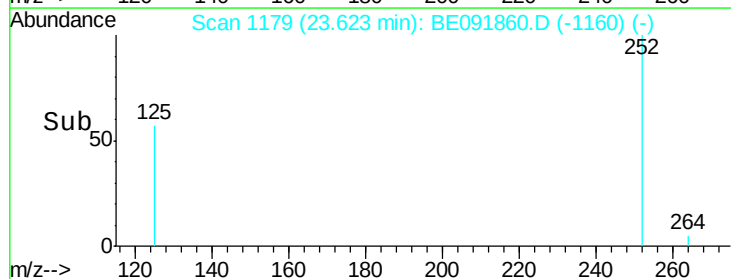
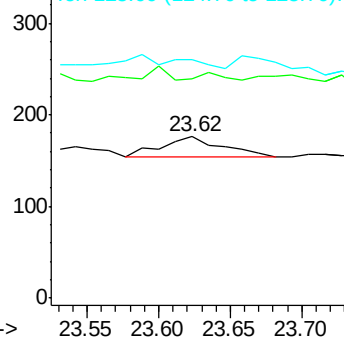
252 100

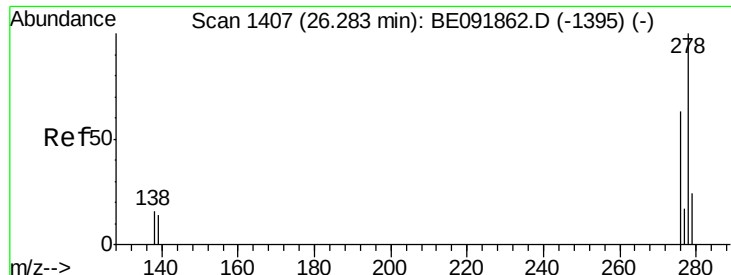
253 135.8 18.9 28.3#

125 147.7 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: 6.49 ng

RT: 26.30 min Scan# 1409

Delta R.T. 0.02 min

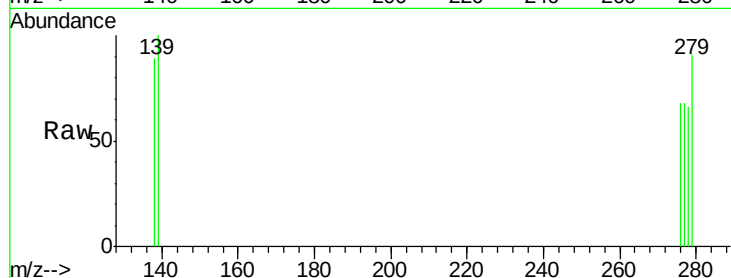
Lab File: BE091860.D

Acq: 25 May 2016 15:57

Instrument :

BNA_E

ClientSampleId :



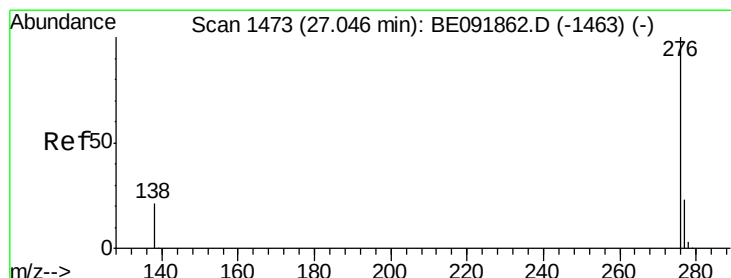
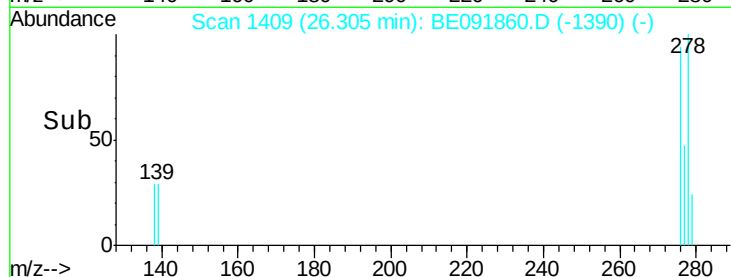
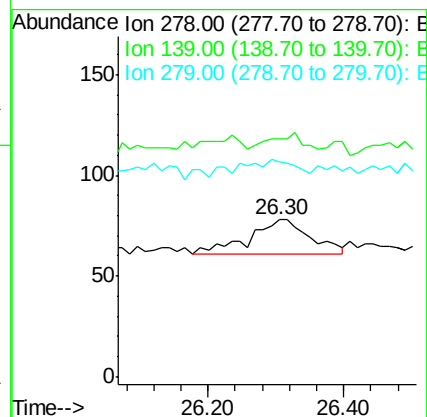
Tot Ion:278 Resp: 106

Ion Ratio Lower Upper

278 100

139 151.3 12.6 18.8#

279 137.2 20.0 30.0#



#45

Benzo(g,h,i)perylene

Concen: 6.00 ng

RT: 27.06 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BE091860.D

Acq: 25 May 2016 15:57

Tgt Ion:276 Resp: 99

Ion Ratio Lower Upper

276 100

277 98.8 19.5 29.3#

138 128.8 17.7 26.5#

