

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062416\
 Data File : BE091943.D
 Acq On : 24 Jun 2016 12:58
 Operator : UM/SJ
 Sample : H3676-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 24 16:10:49 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 12:00:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	14561	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	68009	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	52595	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	97658	5.00	ng	-0.01
31) Chrysene-d12	21.76	240	147213	5.00	ng	0.00
40) Perylene-d12	24.17	264	105253	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	58432	20.53	ng	0.00
5) Phenol-d6	7.35	99	90769	19.22	ng	0.00
9) Nitrobenzene-d5	9.37	82	48186	10.26	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	22773	16.55	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	122062	9.14	ng	0.00
34) Terphenyl-d14	20.22	244	159630	8.86	ng	0.00

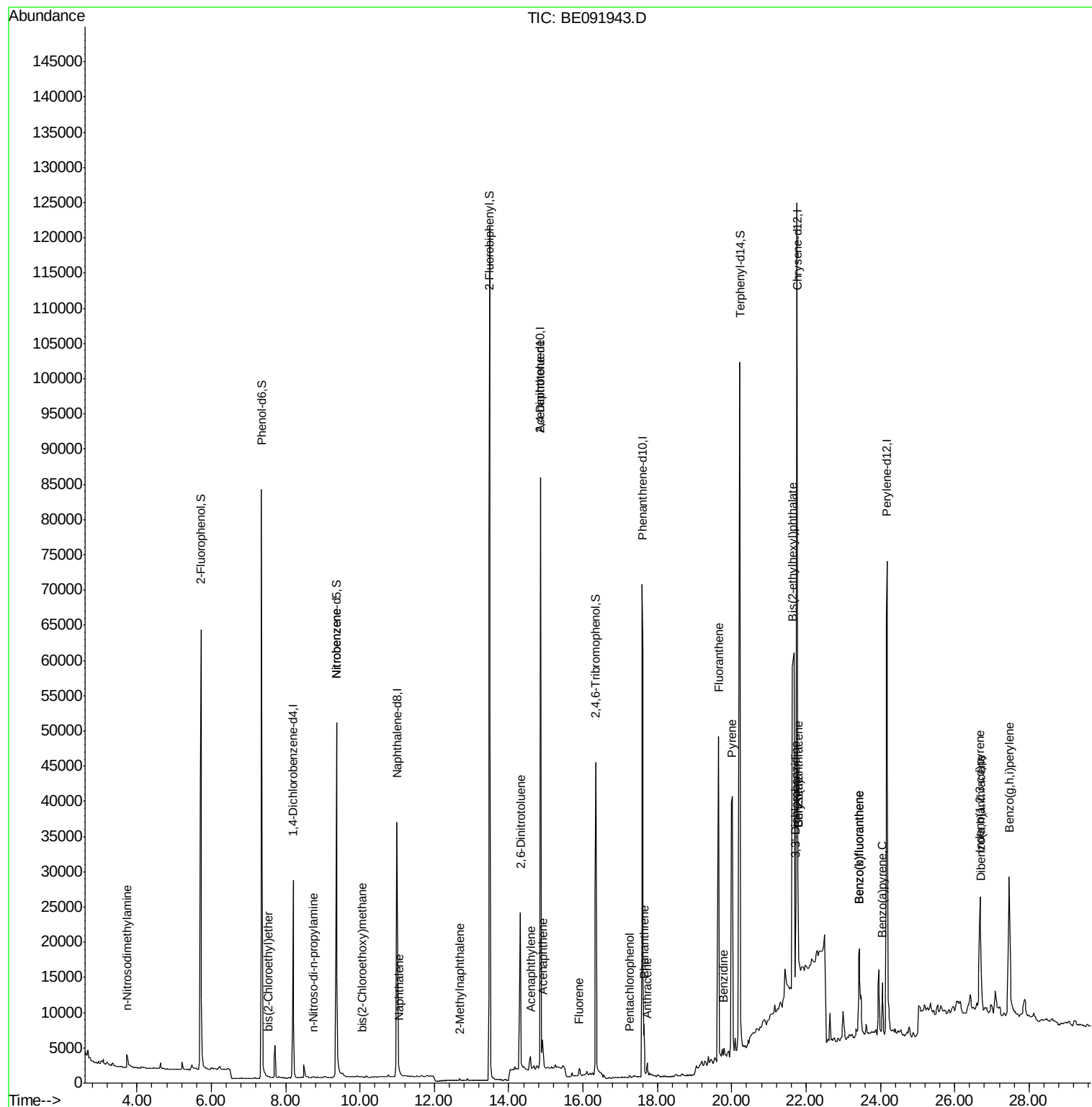
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.73	42	746	0.32	ng	# 1
6) bis(2-Chloroethyl)ether	7.52	93	326	0.08	ng	# 18
7) n-Nitroso-di-n-propylamine	8.73	70	206	0.18	ng	# 86
10) Nitrobenzene	9.37	77	214	0.09	ng	# 11
11) bis(2-Chloroethoxy)methane	10.07	93	586	0.10	ng	# 1
12) Naphthalene	11.04	128	519	0.03	ng	# 52
14) 2-Methylnaphthalene	12.69	142	323	0.03	ng	# 85
18) Acenaphthylene	14.59	152	4606	0.09	ng	# 77
19) 2,6-Dinitrotoluene	14.31	165	13880	1.38	ng	# 10
20) Acenaphthene	14.92	154	1199	0.08	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	27216	2.65	ng	# 1
22) Fluorene	15.90	166	1020	0.07	ng	# 78
27) Pentachlorophenol	17.25	266	329	0.39	ng	# 85
28) Phenanthrene	17.64	178	7995	0.33	ng	# 98
29) Anthracene	17.73	178	2184	0.10	ng	# 97
30) Fluoranthene	19.65	202	75206	0.72	ng	# 87
32) Benzidine	19.79	184	157	0.12	ng	# 1
33) Pyrene	19.99	202	83046	0.83	ng	# 64
35) Benzo(a)anthracene	21.78	228	27077	1.17	ng	# 77
36) 3,3'-Dichlorobenzidine	21.73	252	596	0.16	ng	# 66
37) Chrysene	21.78	228	26335	0.78	ng	# 85
38) Bis(2-ethylhexyl)phthalate	21.64	149	150313	5.76	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	37045	0.32	ng	# 96
41) Benzo(b)fluoranthene	23.43	252	26724	0.99	ng	# 28
42) Benzo(k)fluoranthene	23.43	252	26724	1.08	ng	# 31
43) Benzo(a)pyrene	24.06	252	11381	0.48	ng	# 42
44) Dibenzo(a,h)anthracene	26.70	278	2813	0.12	ng	# 1
45) Benzo(g,h,i)perylene	27.47	276	51415	0.54	ng	# 74

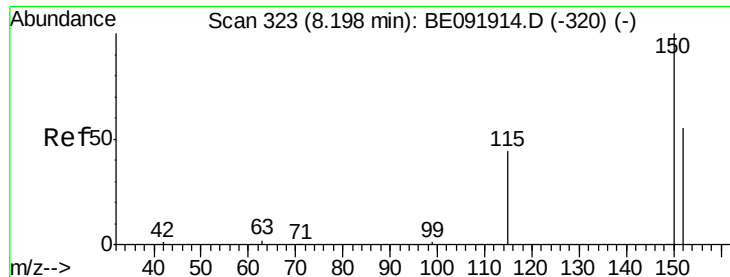
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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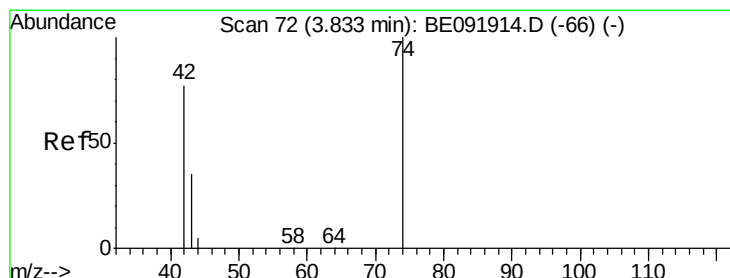
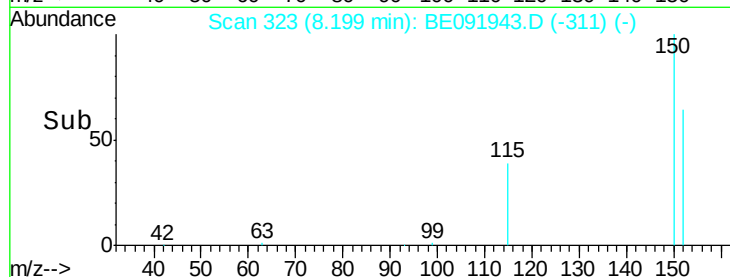
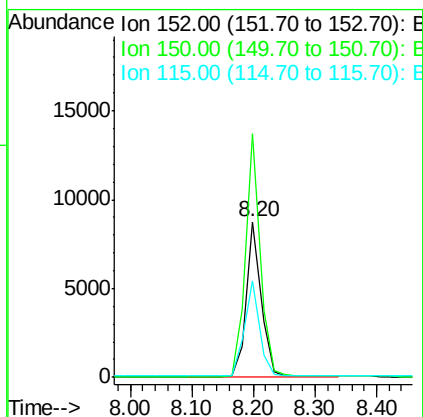
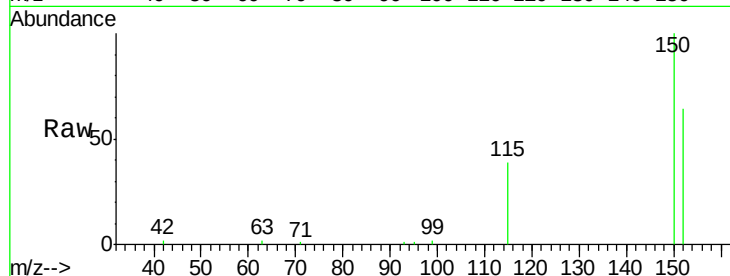


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091943.D
Acq: 24 Jun 2016 12:58

Instrument :
BNA_E
ClientSampleId :

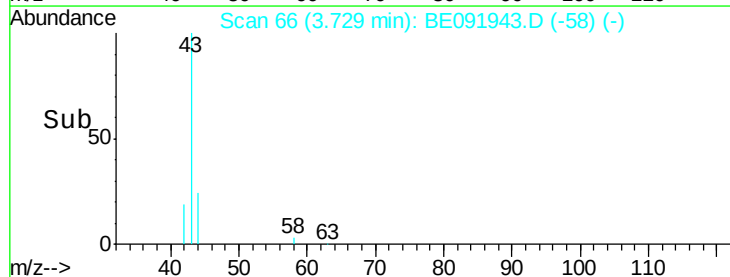
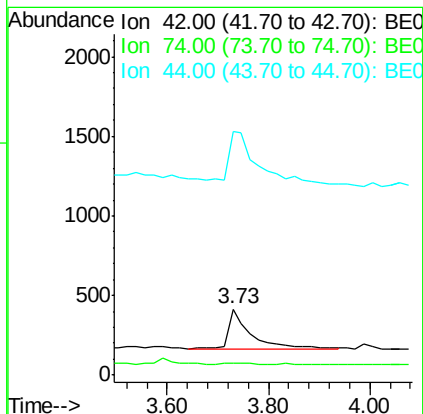
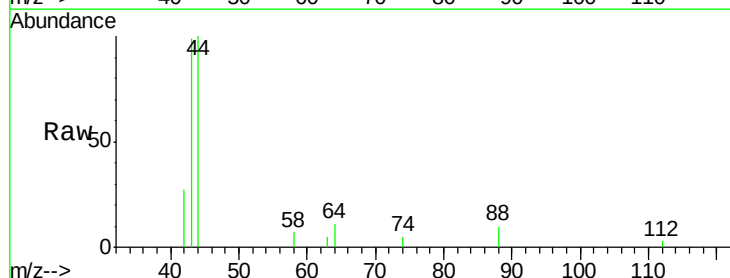
Tot Ion:152 Resp: 14561
Ion Ratio Lower Upper
152 100
150 156.2 123.9 185.9
115 61.5 48.3 72.5

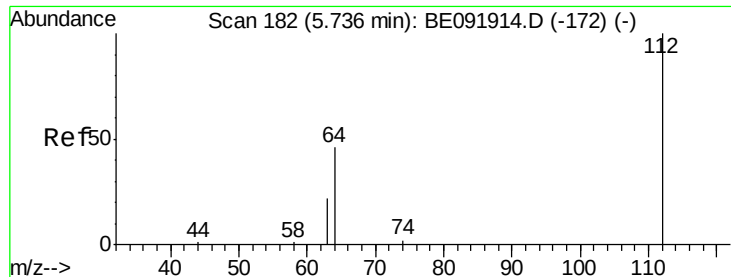


#3

n-Nitrosodimethylamine
Concen: 0.32 ng
RT: 3.73 min Scan# 66
Delta R.T. -0.07 min
Lab File: BE091943.D
Acq: 24 Jun 2016 12:58

Tgt Ion: 42 Resp: 746
Ion Ratio Lower Upper
42 100
74 1.7 93.4 140.0#
44 178.7 5.0 7.6#





#4

2-Fluorophenol

Concen: 20.53 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampled :

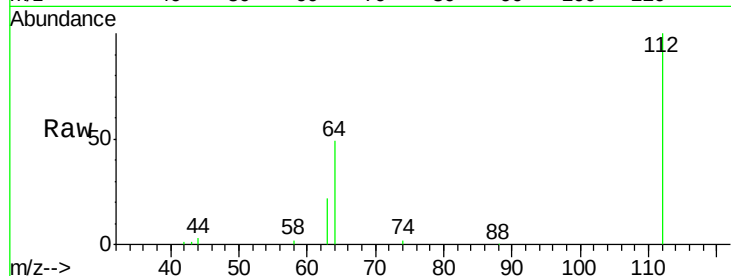
Tot Ion:112 Resp: 58432

Ion Ratio Lower Upper

112 100

64 67.7 53.7 80.5

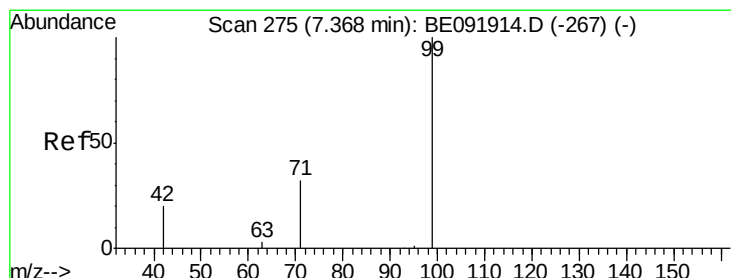
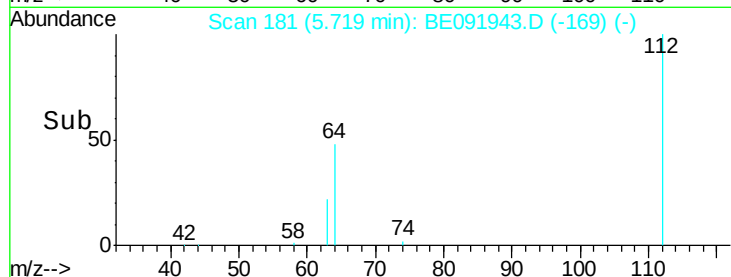
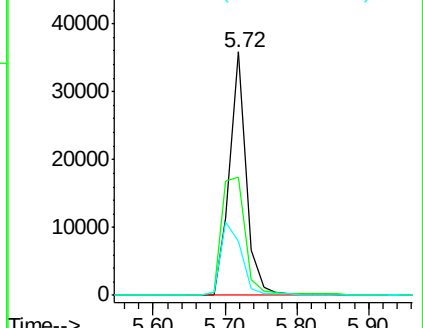
63 36.8 29.5 44.3



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: 19.22 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

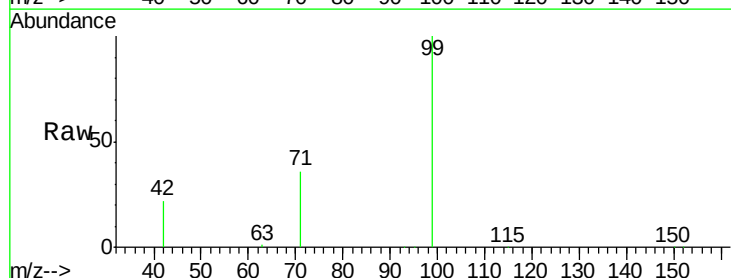
Tgt Ion: 99 Resp: 90769

Ion Ratio Lower Upper

99 100

42 25.8 19.6 29.4

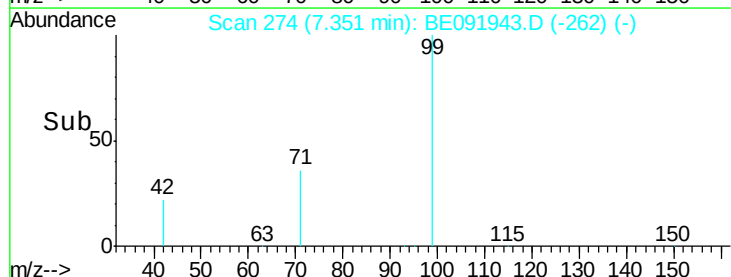
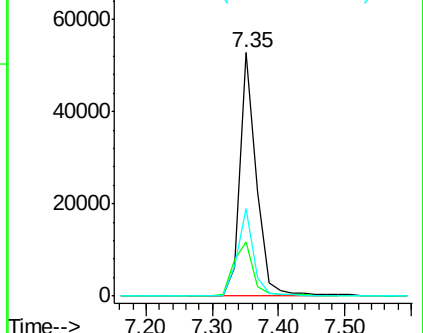
71 35.6 28.1 42.1

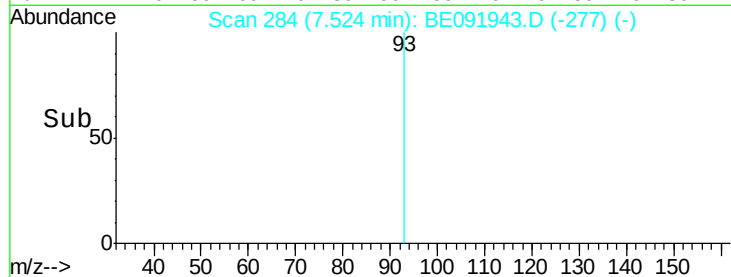
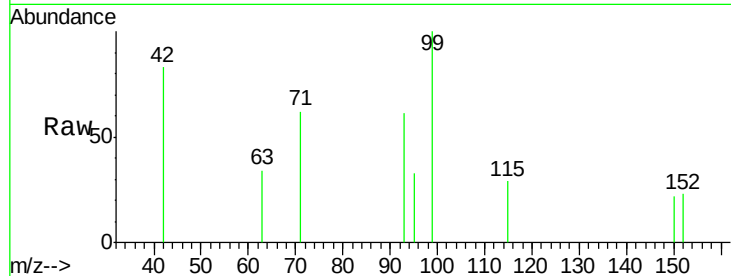
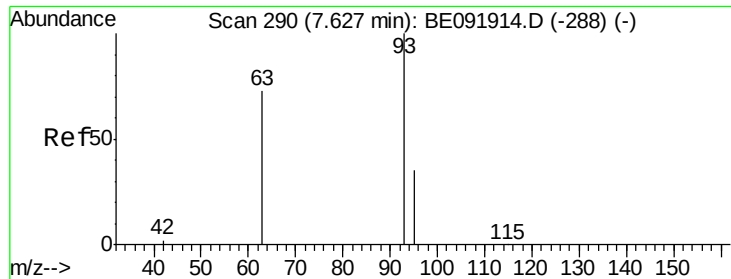


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.08 ng

RT: 7.52 min Scan# 284

Delta R.T. -0.09 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampled :

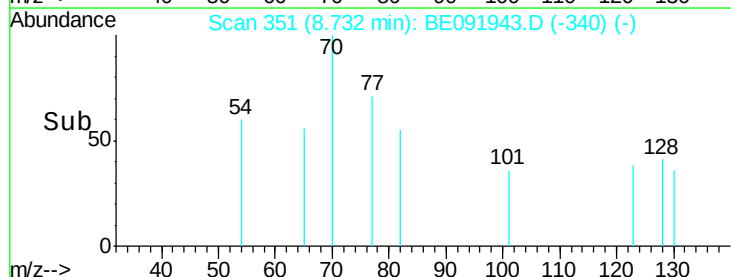
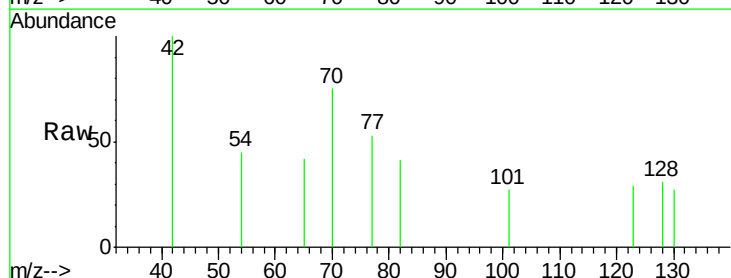
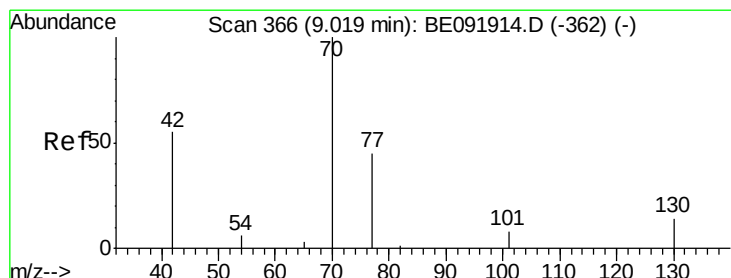
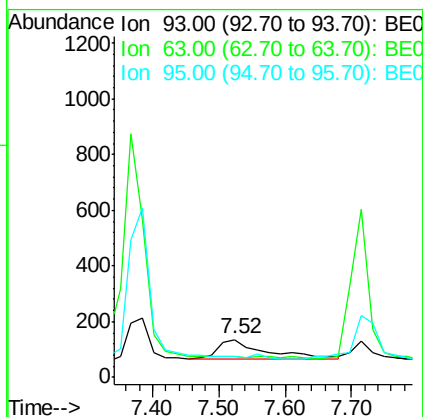
Tot Ion: 93 Resp: 326

Ion Ratio Lower Upper

93 100

63 0.0 66.2 99.4#

95 0.0 25.5 38.3#



#7

n-Nitroso-di-n-propylamine

Concen: 0.18 ng

RT: 8.73 min Scan# 351

Delta R.T. -0.27 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Tgt Ion: 70 Resp: 206

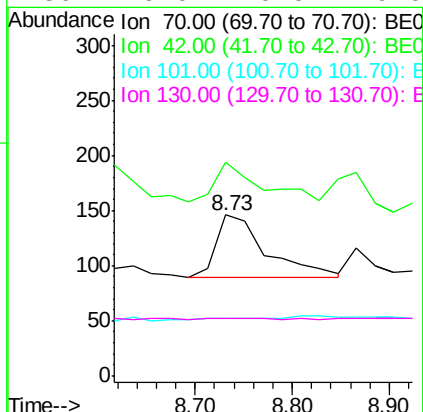
Ion Ratio Lower Upper

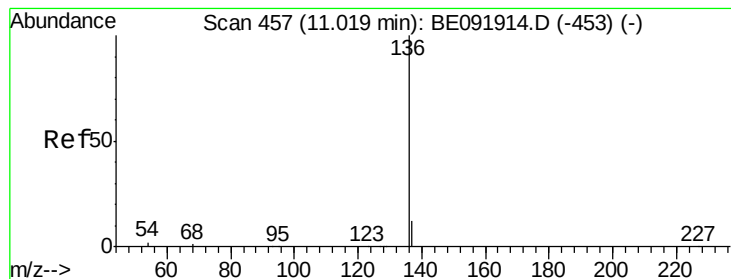
70 100

42 61.7 58.4 87.6

101 0.0 6.4 9.6#

130 0.0 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: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 68009

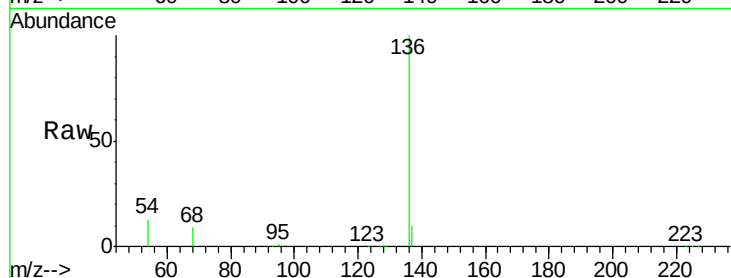
Ion Ratio Lower Upper

136 100

137 9.9 8.3 12.5

54 13.0 8.2 12.4#

68 9.1 5.9 8.9#

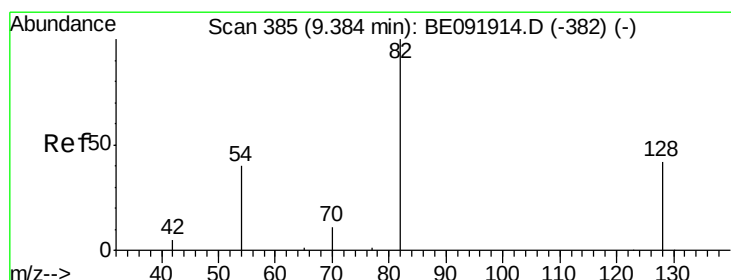
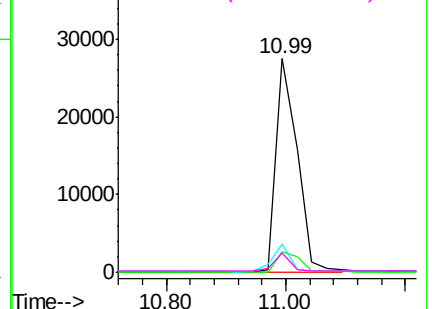
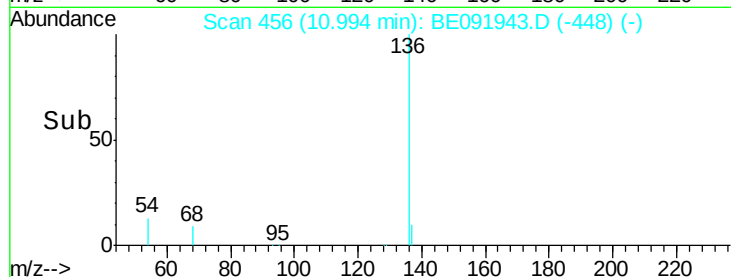


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.26 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

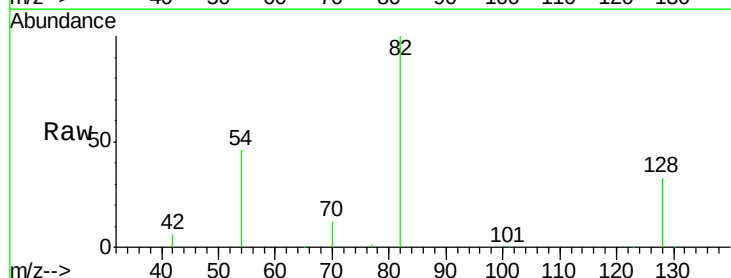
Tgt Ion: 82 Resp: 48186

Ion Ratio Lower Upper

82 100

128 33.1 39.5 59.3#

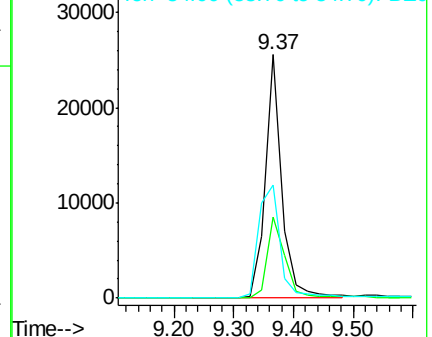
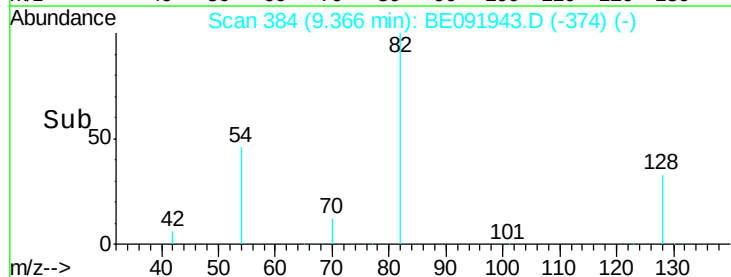
54 46.5 30.3 45.5#

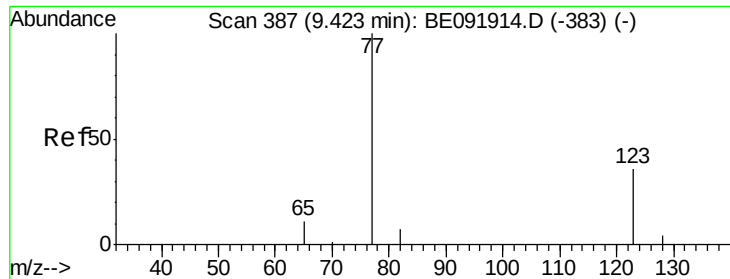


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#10

Nitrobenzene

Concen: 0.09 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.04 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampled :

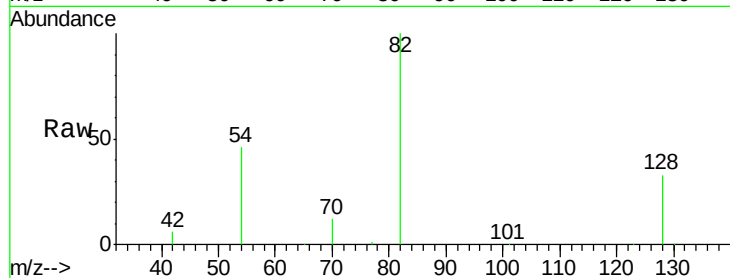
Tot Ion: 77 Resp: 214

Ion Ratio Lower Upper

77 100

123 0.0 0.0 0.0

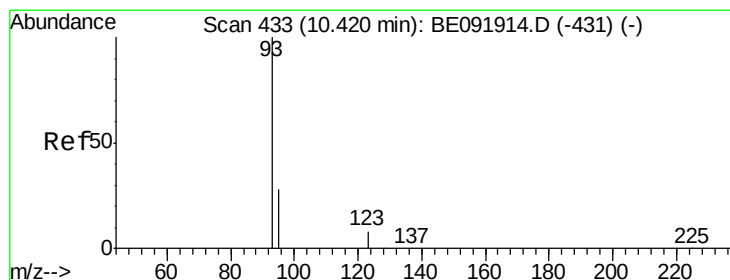
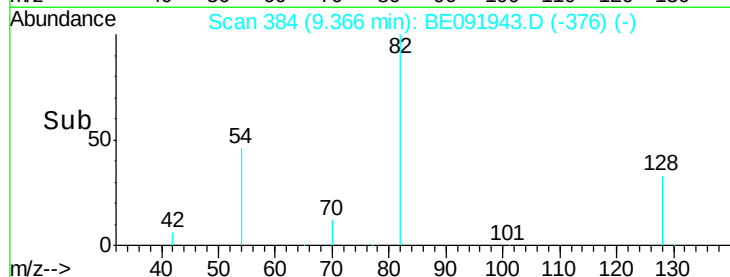
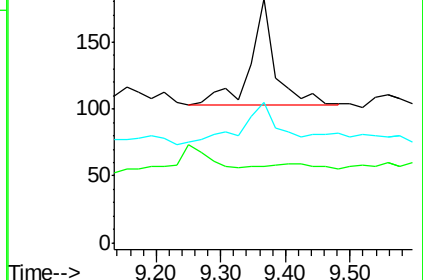
65 50.0 11.1 16.7#



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: 0.10 ng

RT: 10.07 min Scan# 419

Delta R.T. -0.35 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

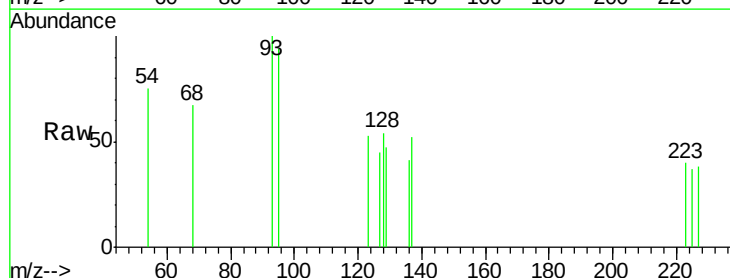
Tgt Ion: 93 Resp: 586

Ion Ratio Lower Upper

93 100

95 0.0 57.6 86.4#

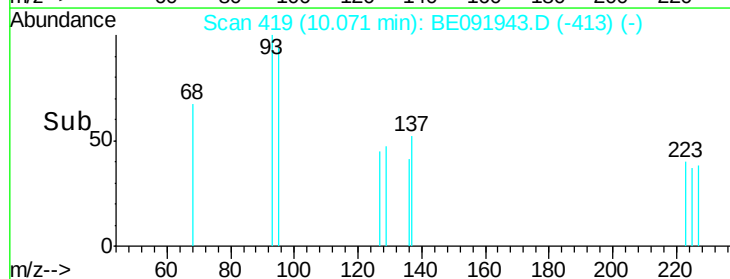
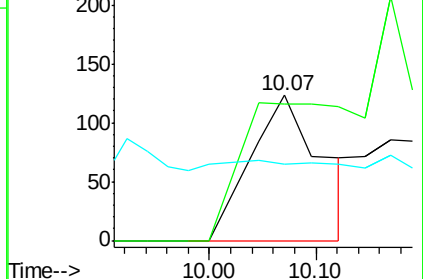
123 0.0 100.2 150.4#

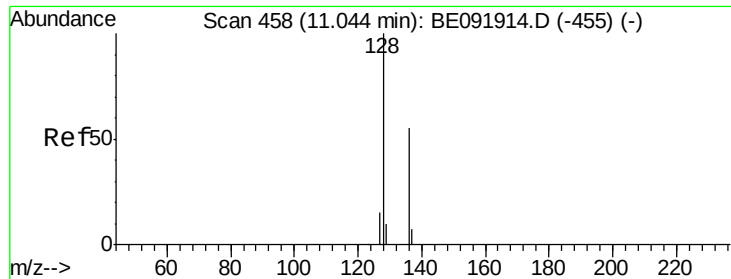


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Ion 123.00 (122.70 to 123.70): BE0





#12

Naphthalene

Concen: 0.03 ng

RT: 11.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

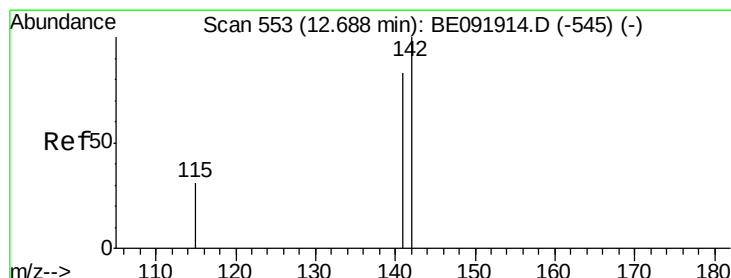
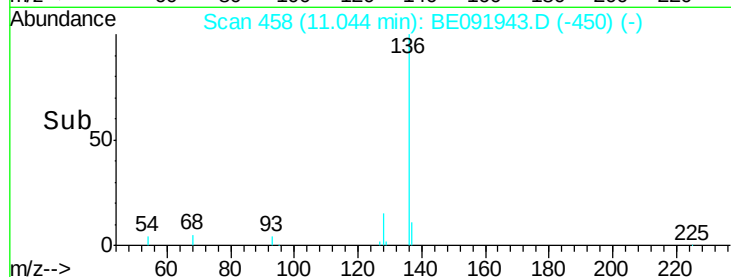
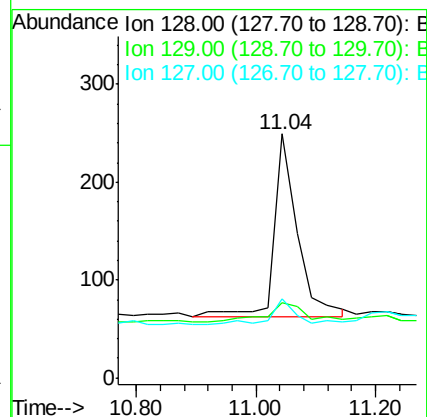
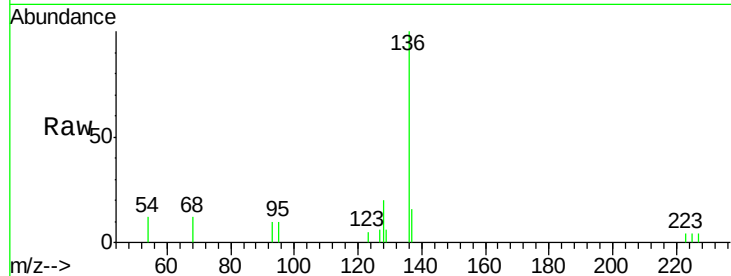
Tot Ion:128 Resp: 519

Ion Ratio Lower Upper

128 100

129 30.9 10.4 15.6#

127 32.5 10.2 15.2#



#14

2-Methylnaphthalene

Concen: 0.03 ng

RT: 12.69 min Scan# 553

Delta R.T. 0.01 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

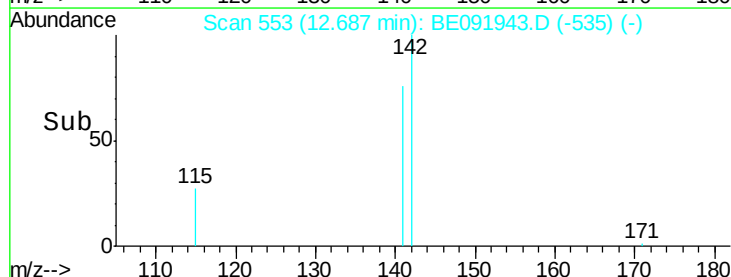
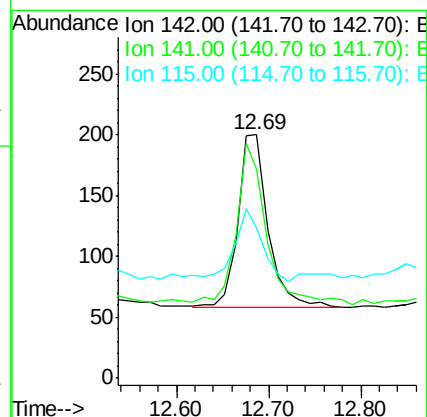
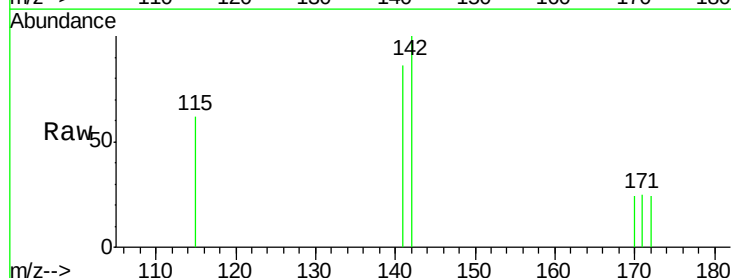
Tgt Ion:142 Resp: 323

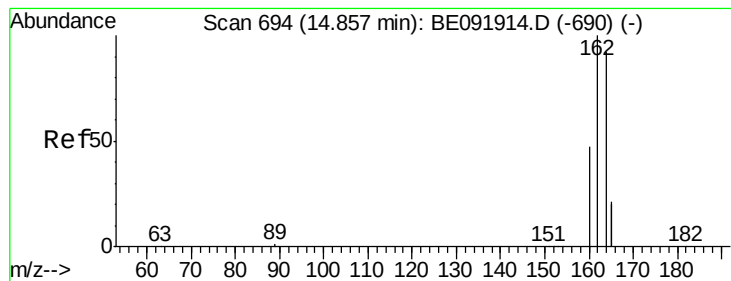
Ion Ratio Lower Upper

142 100

141 86.0 71.9 107.9

115 61.5 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: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

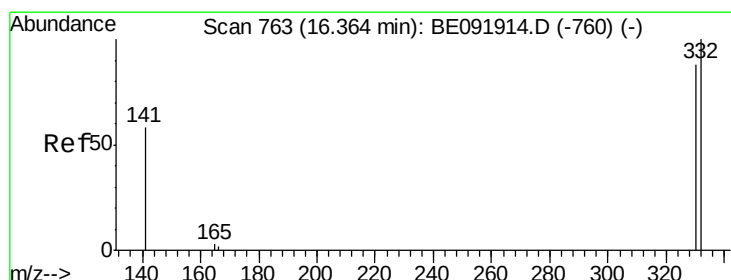
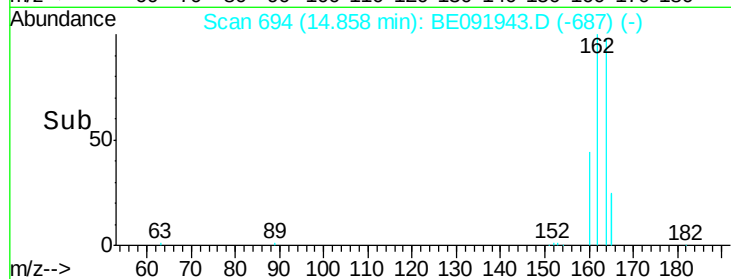
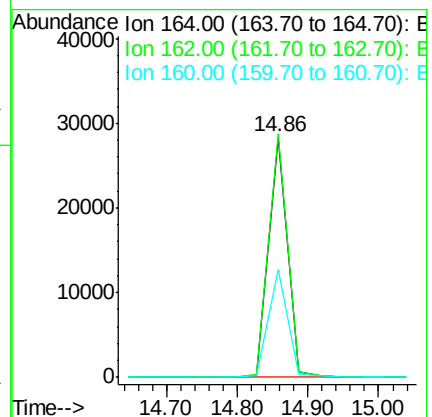
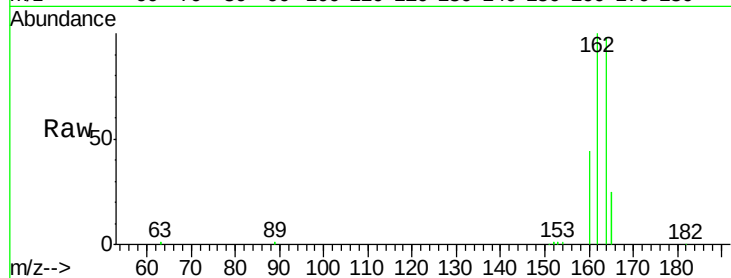
Tot Ion:164 Resp: 52595

Ion Ratio Lower Upper

164 100

162 101.6 71.8 107.8

160 44.8 28.0 42.0#



#16

2,4,6-Tribromophenol

Concen: 16.55 ng

RT: 16.35 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

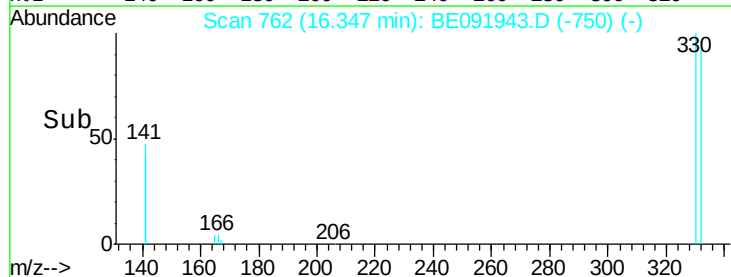
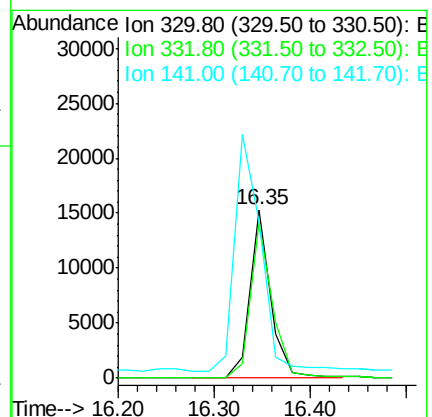
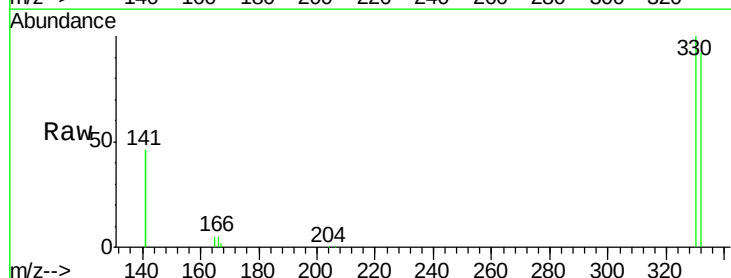
Tgt Ion:330 Resp: 22773

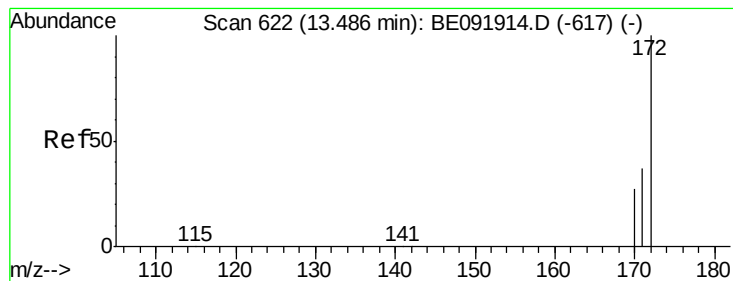
Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

141 183.6 138.4 207.6

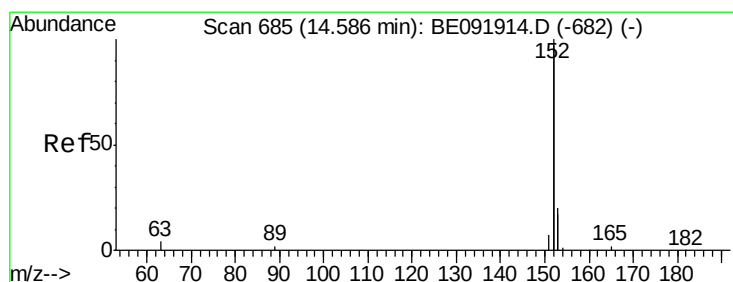
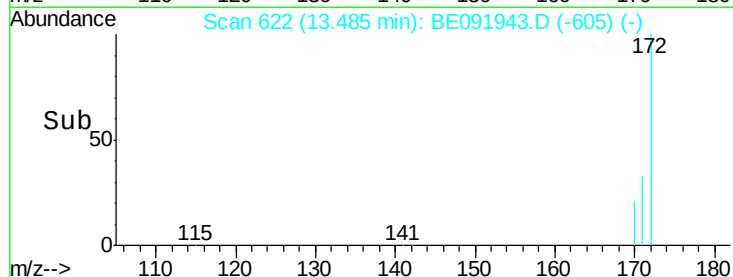
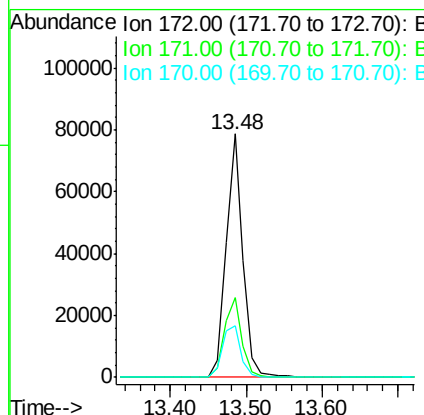
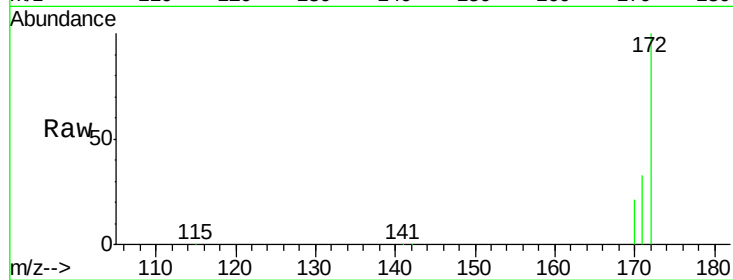




#17
2-Fluorobiphenyl
Concen: 9.14 ng
RT: 13.48 min Scan# 622
Delta R.T. -0.00 min
Lab File: BE091943.D
Acq: 24 Jun 2016 12:58

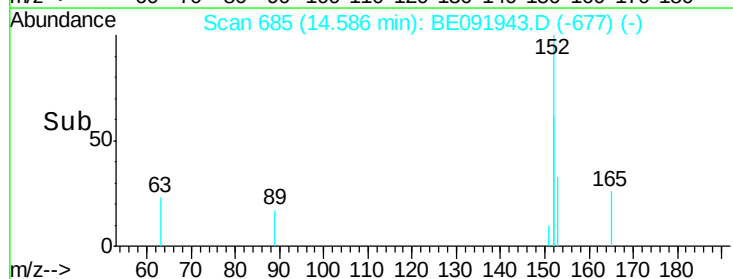
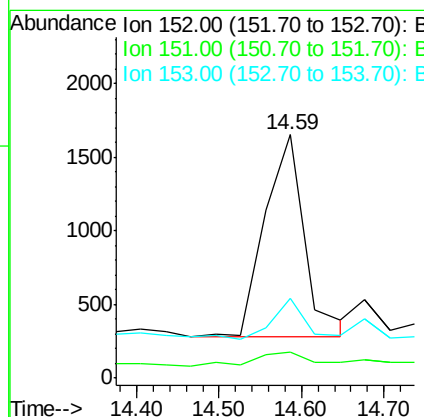
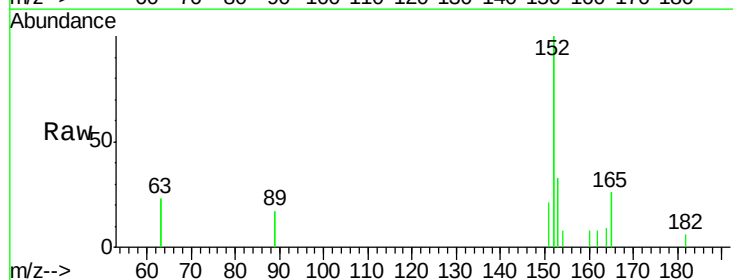
Instrument :
BNA_E
ClientSampleId :

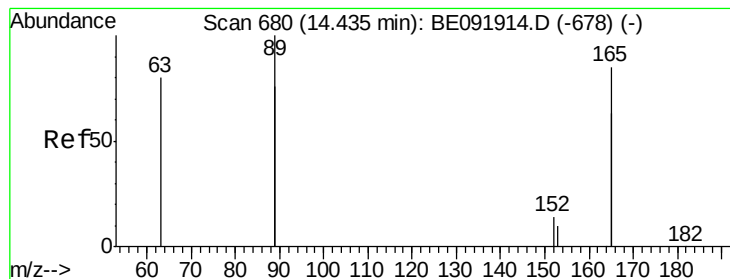
Tot Ion:172 Resp: 122062
Ion Ratio Lower Upper
172 100
171 32.8 24.3 36.5
170 21.0 14.9 22.3



#18
Acenaphthylene
Concen: 0.09 ng
RT: 14.59 min Scan# 685
Delta R.T. 0.03 min
Lab File: BE091943.D
Acq: 24 Jun 2016 12:58

Tgt Ion:152 Resp: 4606
Ion Ratio Lower Upper
152 100
151 8.4 19.4 29.2#
153 13.6 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 1.38 ng

RT: 14.31 min Scan# 676

Delta R.T. -0.12 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

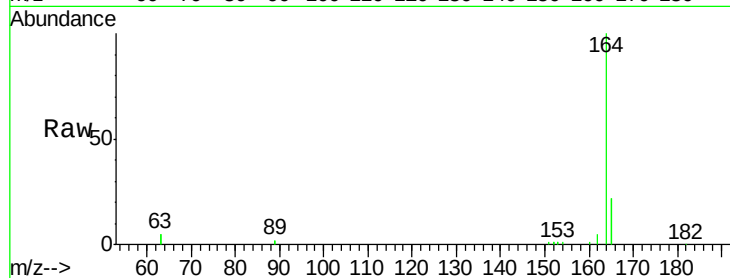
Tot Ion:165 Resp: 13880

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

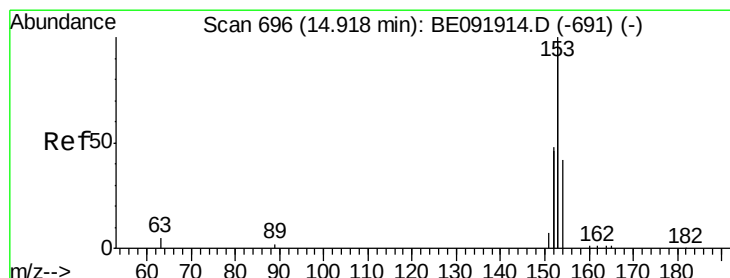
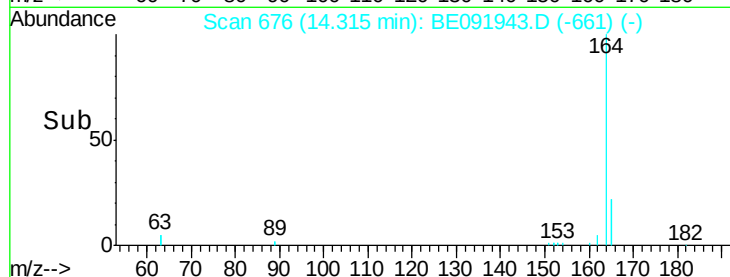
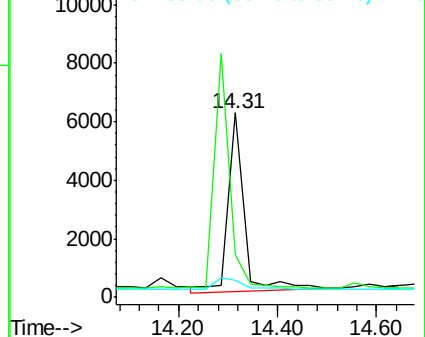
89 0.0 59.1 88.7#



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: 14.92 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

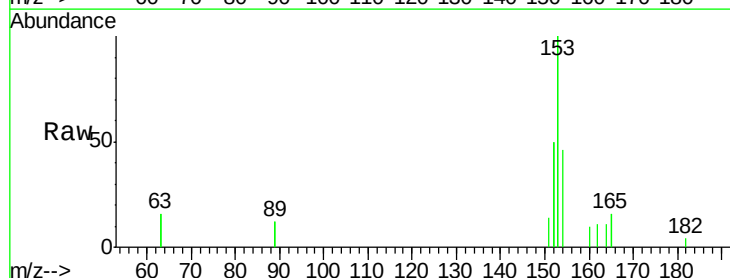
Tgt Ion:154 Resp: 1199

Ion Ratio Lower Upper

154 100

153 406.4 88.1 132.1#

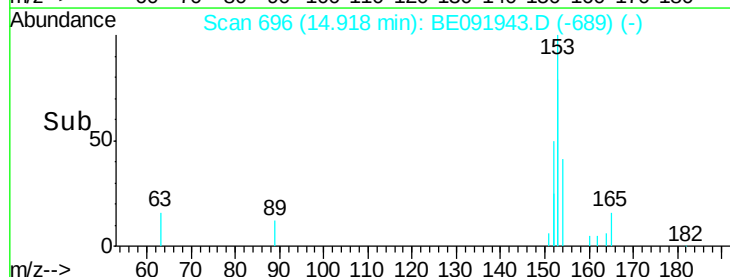
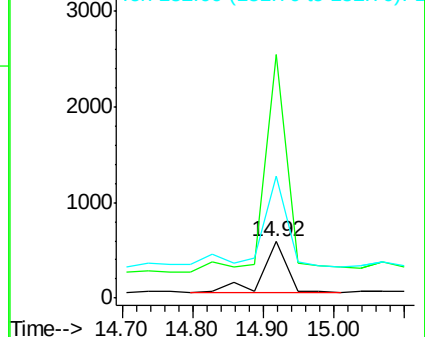
152 199.2 44.2 66.2#

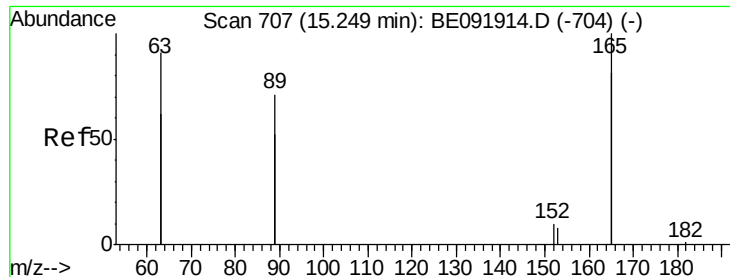


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#21

2,4-Dinitrotoluene

Concen: 2.65 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.36 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:165 Resp: 27216

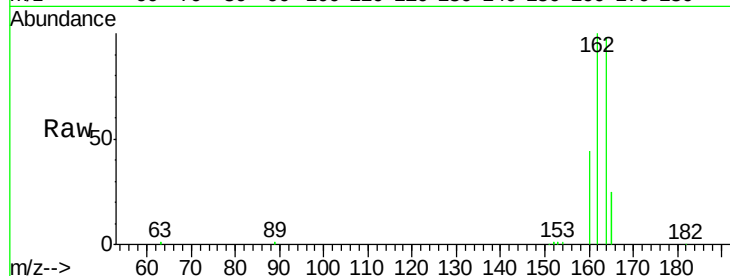
Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

89 0.0 99.8 149.8#

182 0.0 0.0 0.0

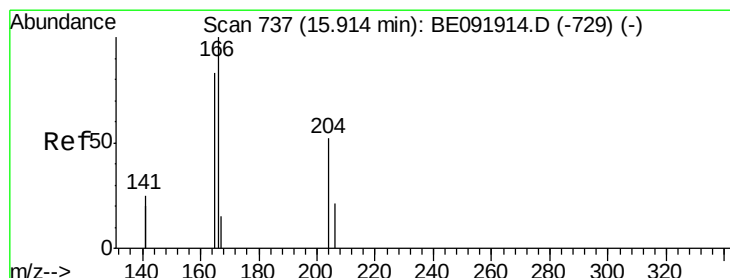
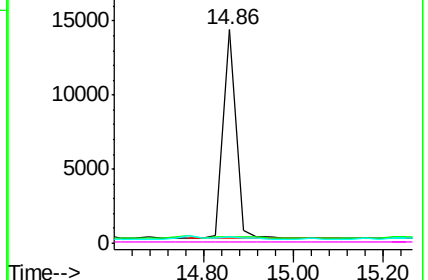
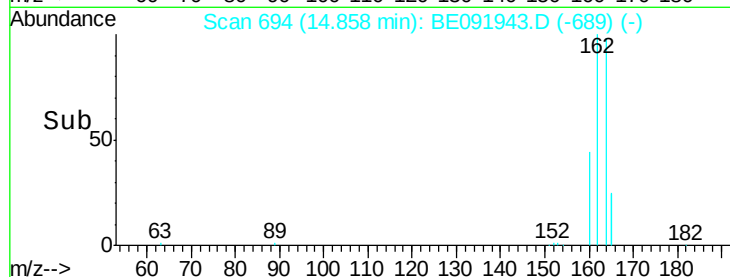


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.07 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

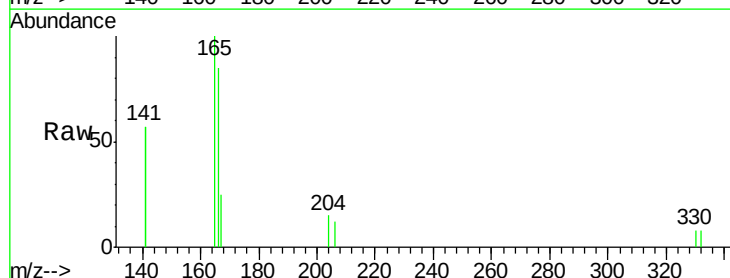
Tgt Ion:166 Resp: 1020

Ion Ratio Lower Upper

166 100

165 120.0 78.6 117.8#

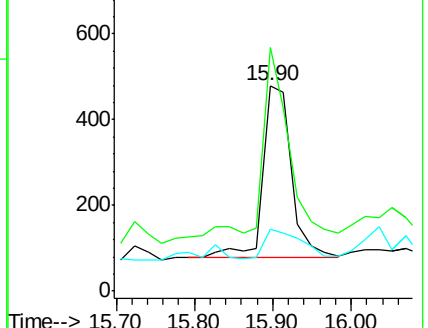
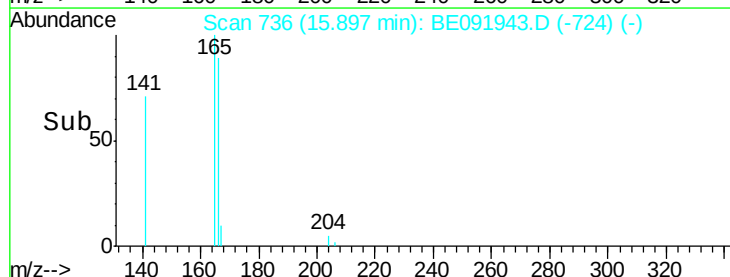
167 21.5 10.8 16.2#

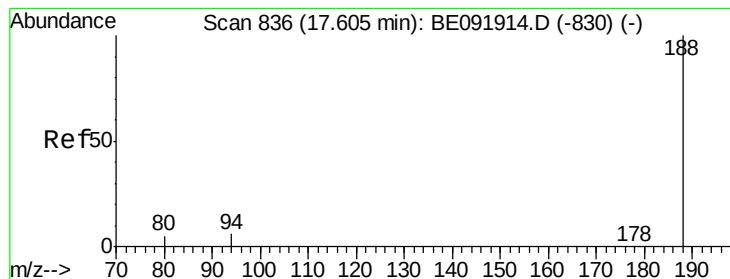


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.59 min Scan# 835

Delta R.T. -0.01 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

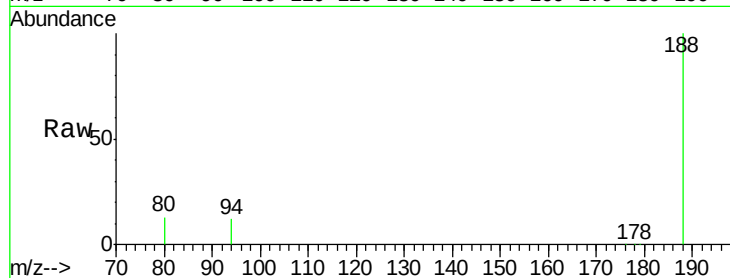
Tot Ion:188 Resp: 97658

Ion Ratio Lower Upper

188 100

94 12.3 4.1 6.1#

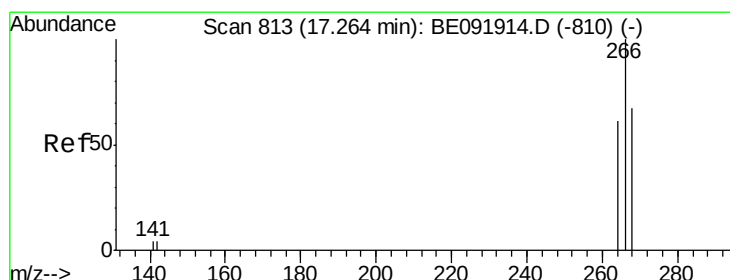
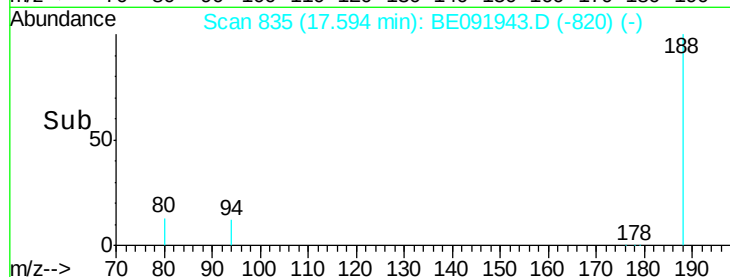
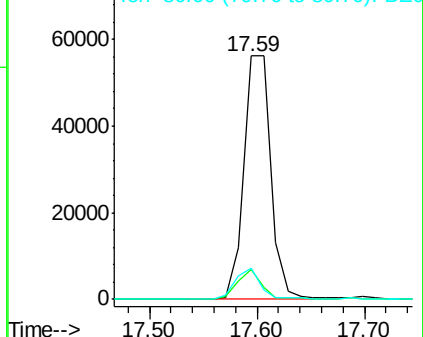
80 12.7 3.4 5.2#



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



#27

Pentachlorophenol

Concen: 0.39 ng

RT: 17.25 min Scan# 812

Delta R.T. 0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

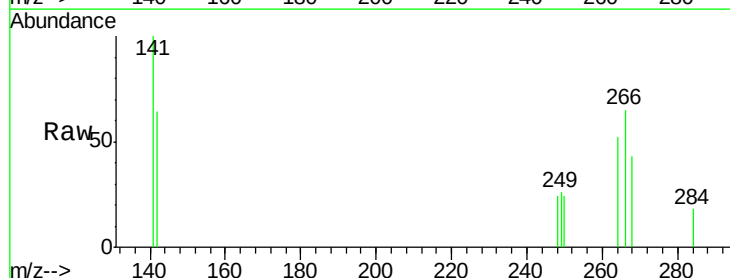
Tgt Ion:266 Resp: 329

Ion Ratio Lower Upper

266 100

268 67.1 60.5 90.7

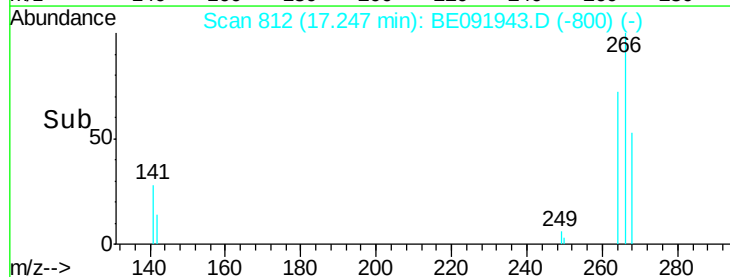
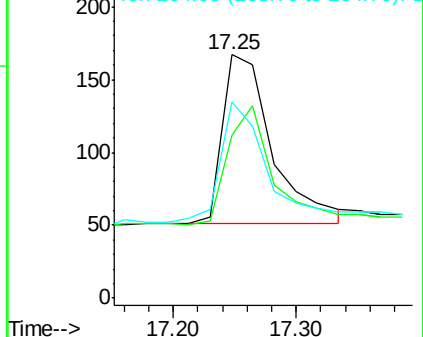
264 80.8 51.0 76.4#

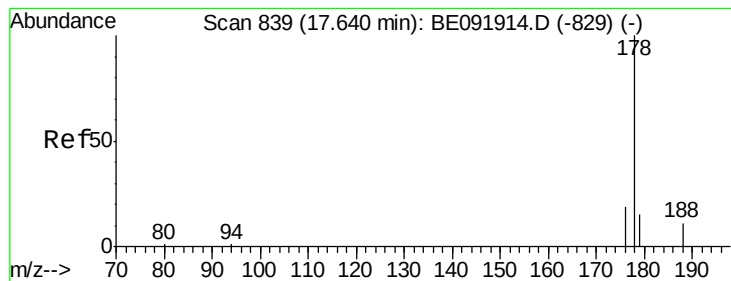


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#28

Phenanthrene

Concen: 0.33 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

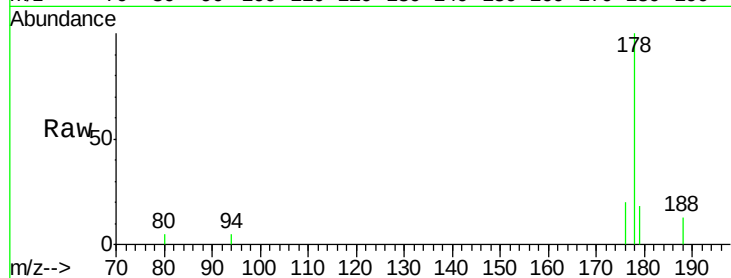
Tot Ion:178 Resp: 7995

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

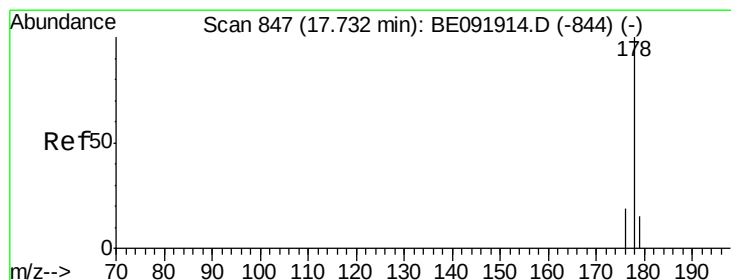
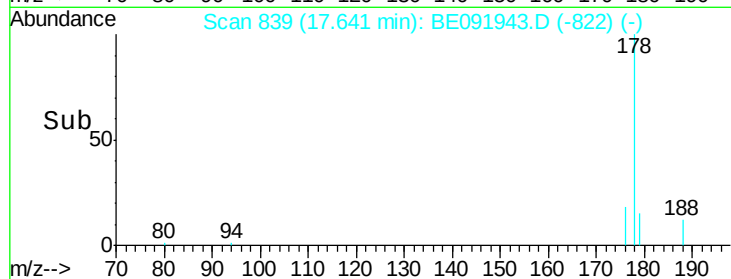
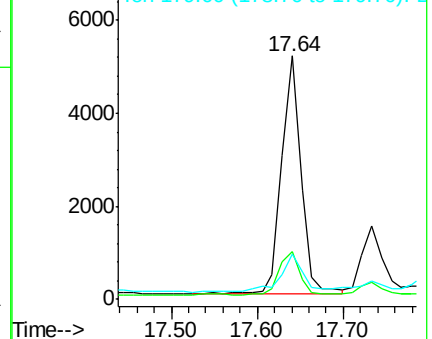
179 17.7 12.9 19.3



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: 0.10 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

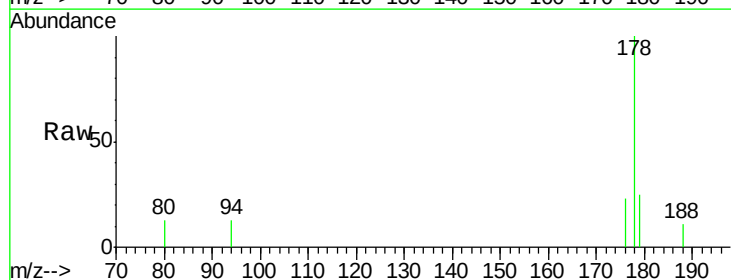
Tgt Ion:178 Resp: 2184

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

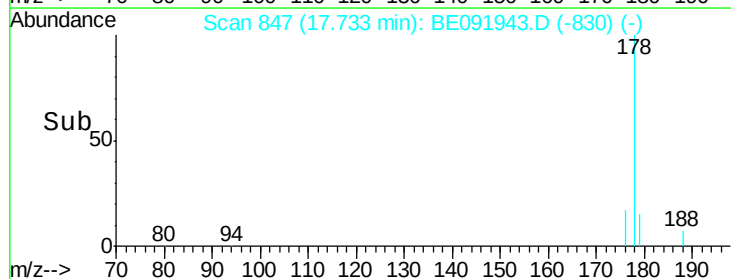
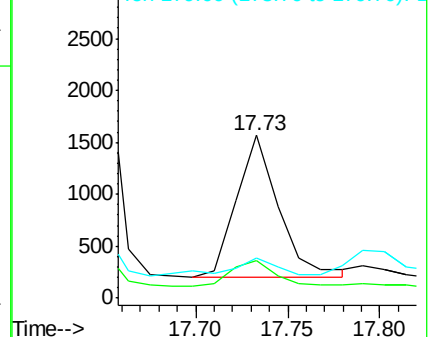
179 12.3 12.1 18.1

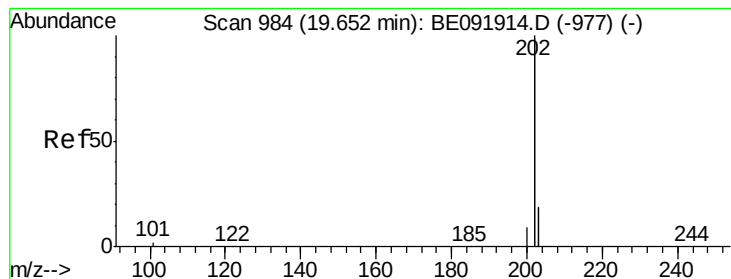


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#30

Fluoranthene

Concen: 0.72 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

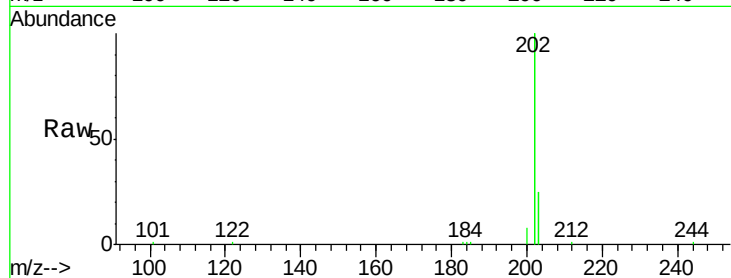
Tot Ion:202 Resp: 75206

Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

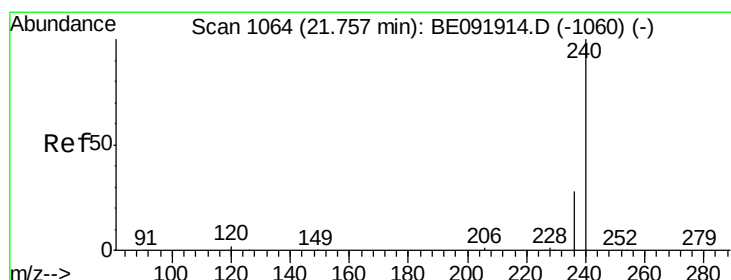
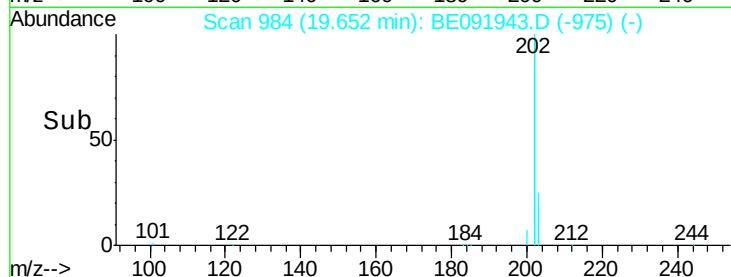
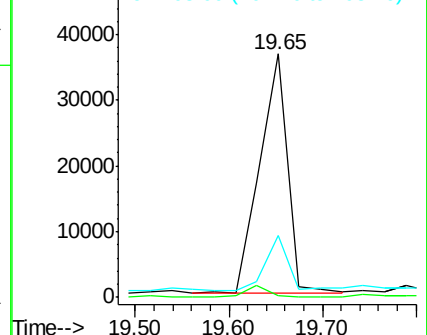
203 18.9 14.3 21.5



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: BE091943.D

Acq: 24 Jun 2016 12:58

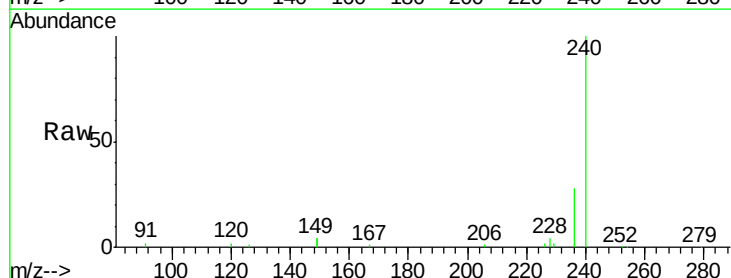
Tgt Ion:240 Resp: 147213

Ion Ratio Lower Upper

240 100

120 2.5 1.2 1.8#

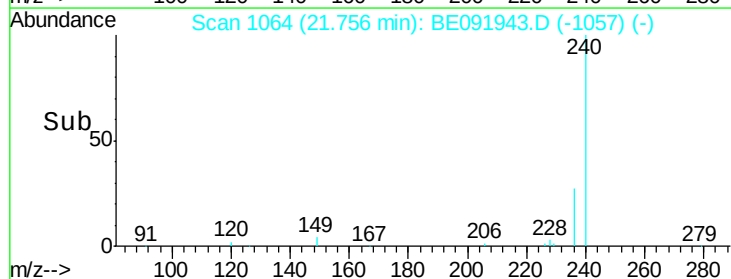
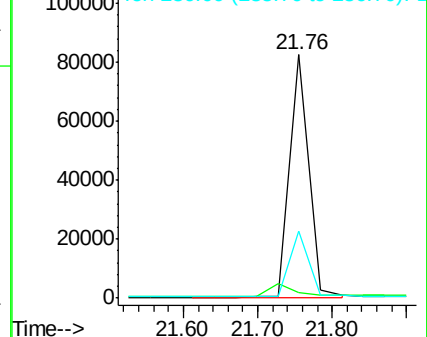
236 27.6 19.8 29.8

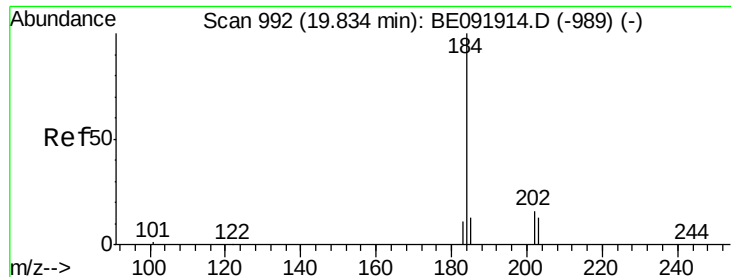


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#32

Benzidine

Concen: 0.12 ng

RT: 19.79 min Scan# 990

Delta R.T. -0.04 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

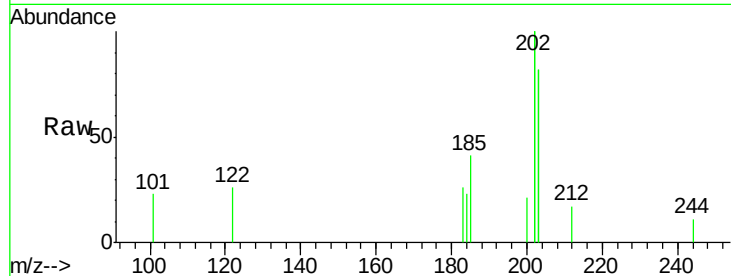
Tot Ion:184 Resp: 157

Ion Ratio Lower Upper

184 100

185 177.4 11.4 17.2#

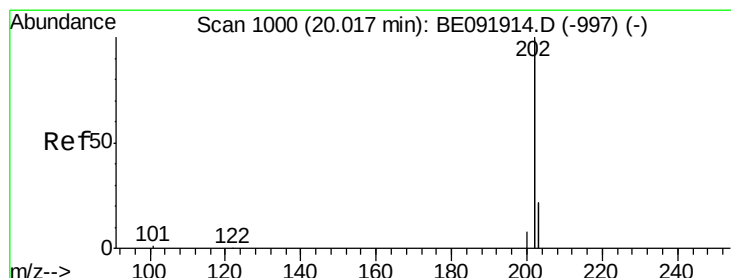
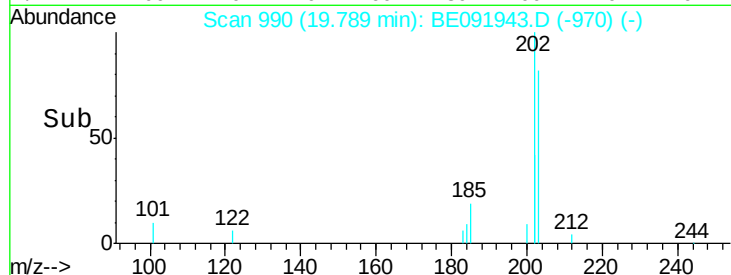
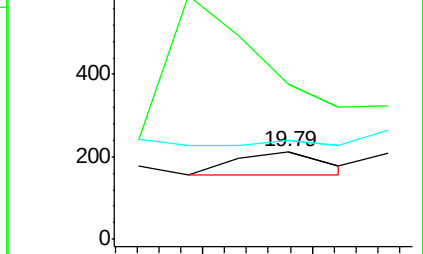
183 113.7 11.8 17.6#



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: 0.83 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.02 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

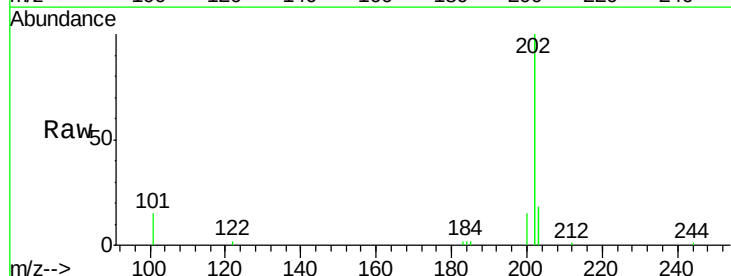
Tgt Ion:202 Resp: 83046

Ion Ratio Lower Upper

202 100

200 5.4 16.9 25.3#

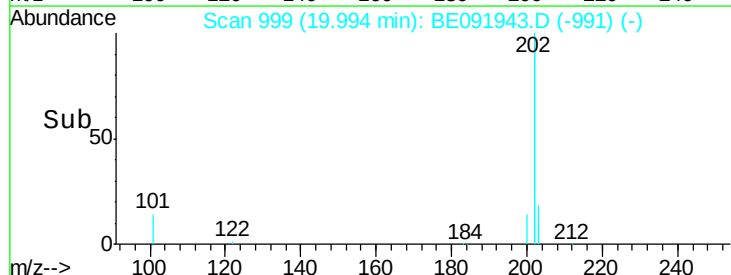
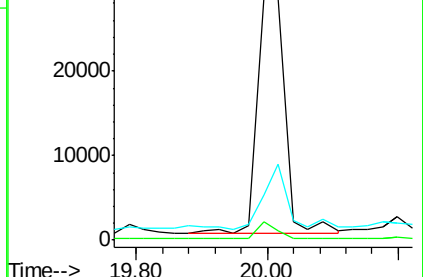
203 0.0 14.1 21.1#

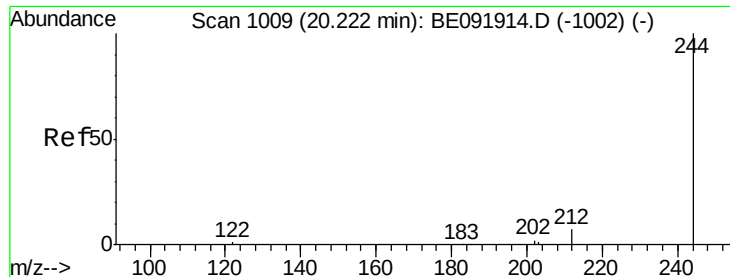


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#34

Terphenyl-d14

Concen: 8.86 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

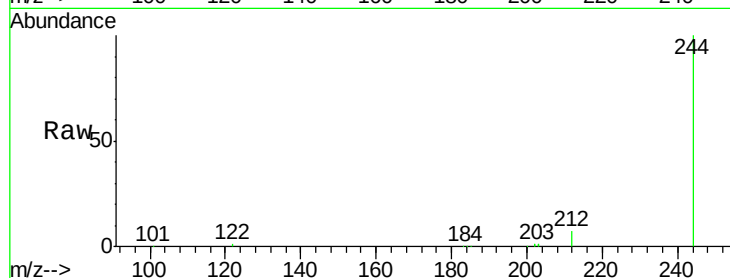
Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :



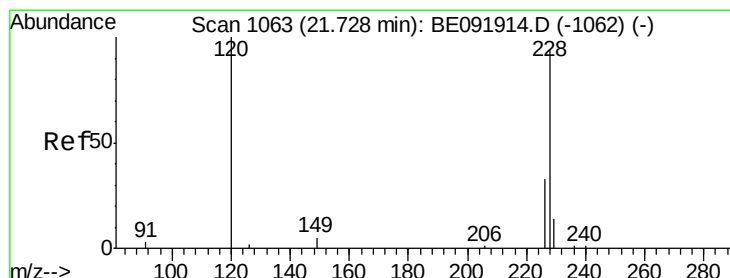
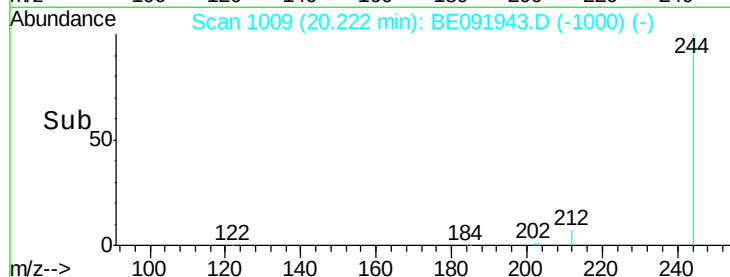
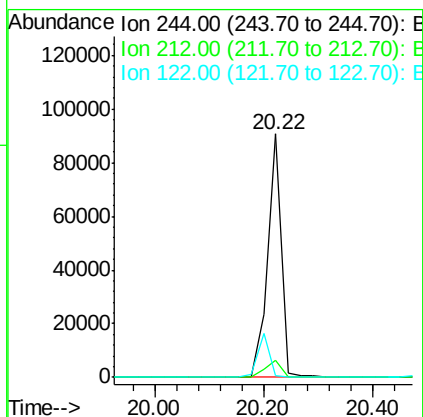
Tot Ion:244 Resp: 159630

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

122 0.7 2.9 4.3#



#35

Benzo(a)anthracene

Concen: 1.17 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

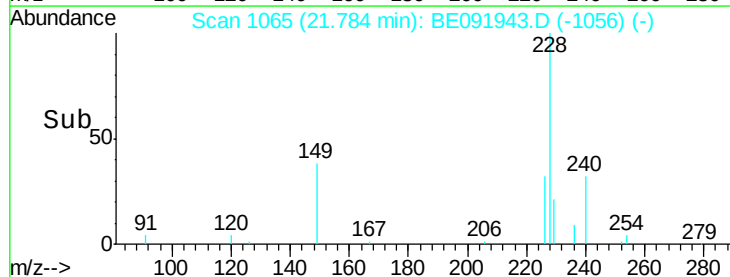
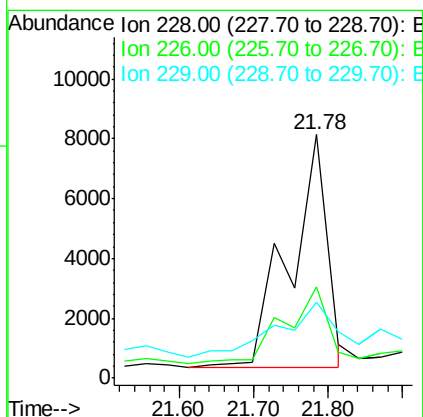
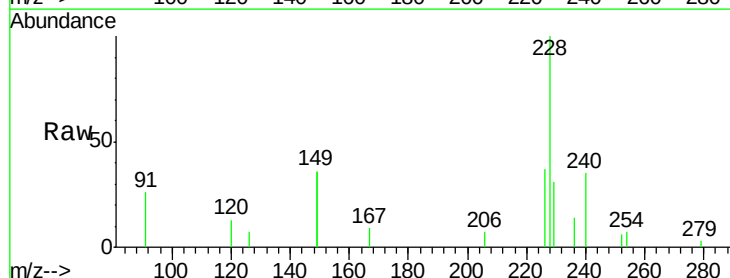
Tgt Ion:228 Resp: 27077

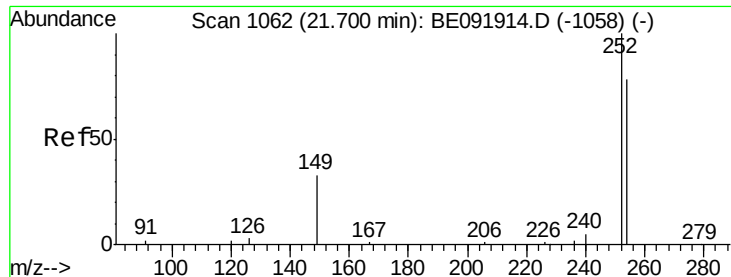
Ion Ratio Lower Upper

228 100

226 37.3 21.0 31.4#

229 31.3 15.8 23.8#

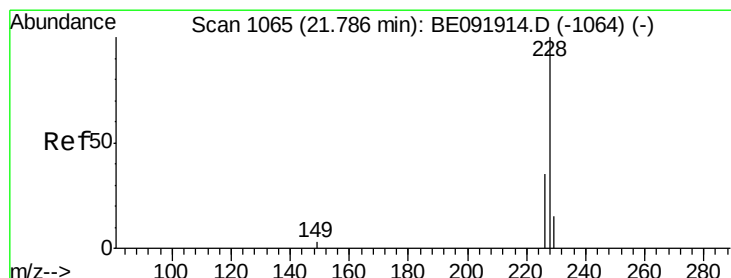
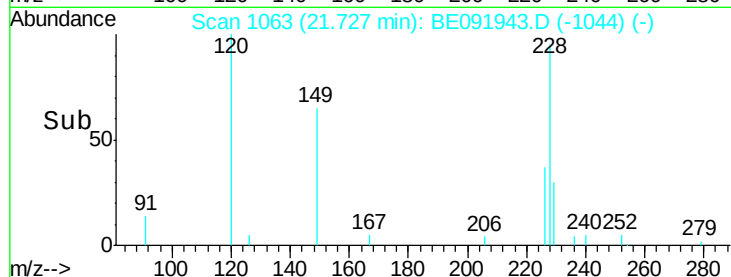
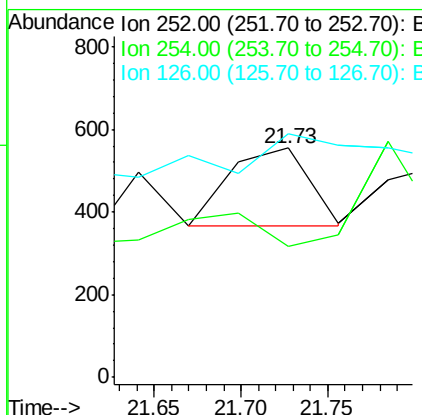
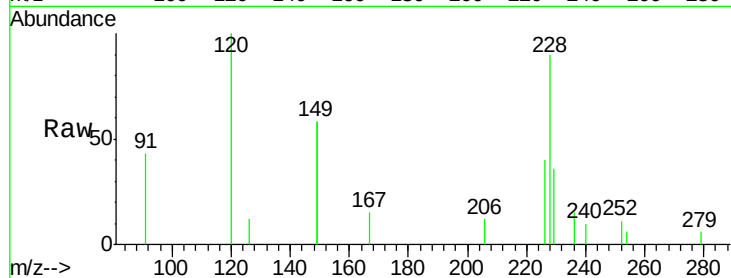




#36
 3,3'-Dichlorobenzidine
 Concen: 0.16 ng
 RT: 21.73 min Scan# 1063
 Delta R.T. 0.06 min
 Lab File: BE091943.D
 Acq: 24 Jun 2016 12:58

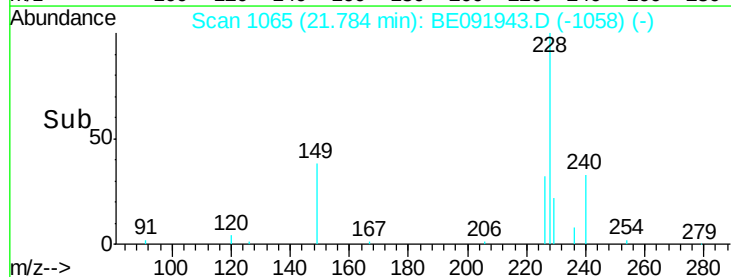
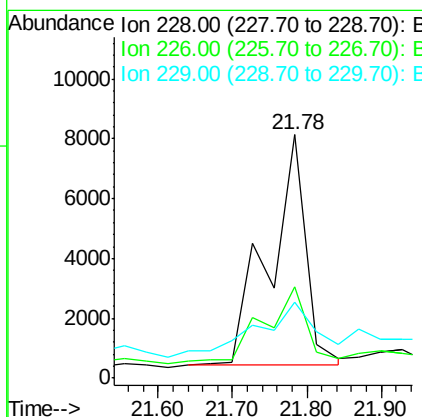
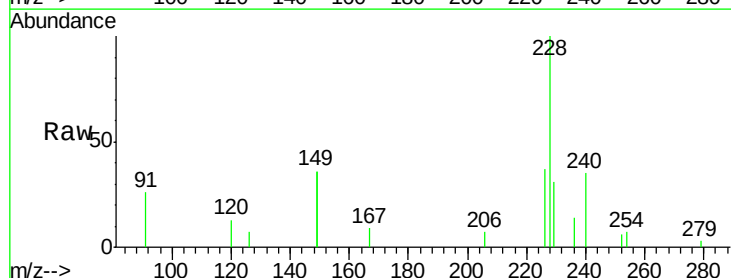
Instrument :
 BNA_E
 ClientSampled :

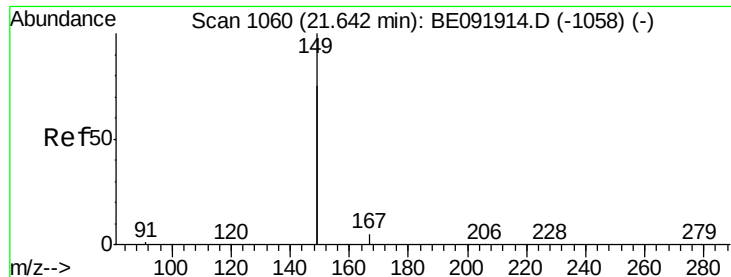
Tot Ion: 252 Resp: 596
 Ion Ratio Lower Upper
 252 100
 254 56.9 61.5 92.3#
 126 106.1 2.5 3.7#



#37
 Chrysene
 Concen: 0.78 ng
 RT: 21.78 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BE091943.D
 Acq: 24 Jun 2016 12:58

Tgt Ion: 228 Resp: 26335
 Ion Ratio Lower Upper
 228 100
 226 37.3 27.0 40.6
 229 31.3 13.8 20.8#

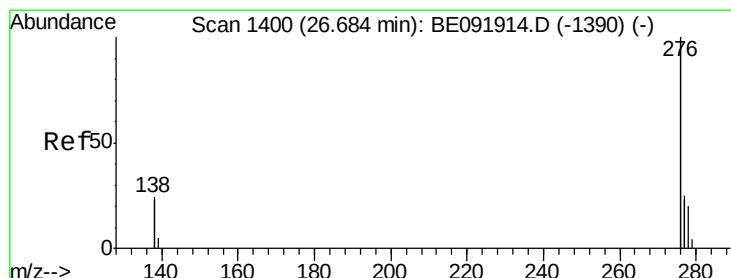
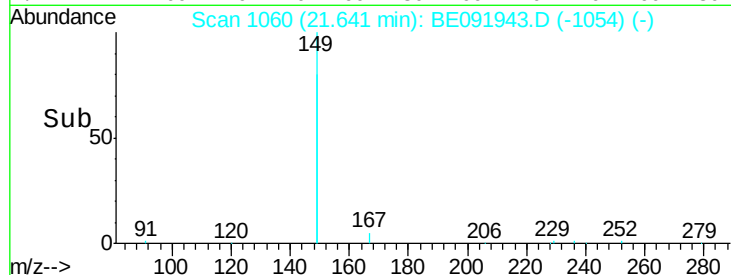
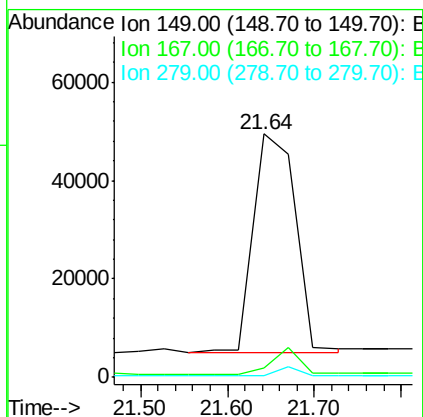
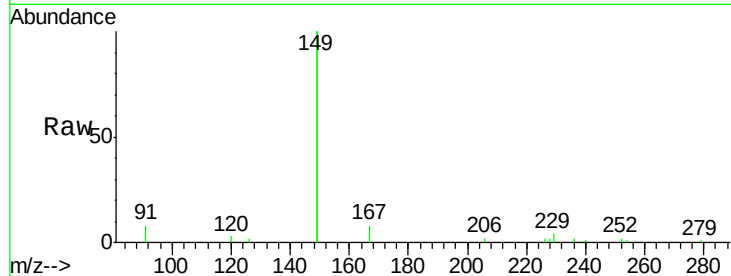




#38
 Bis(2-ethylhexyl)phthalate
 Concen: 5.76 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BE091943.D
 Acq: 24 Jun 2016 12:58

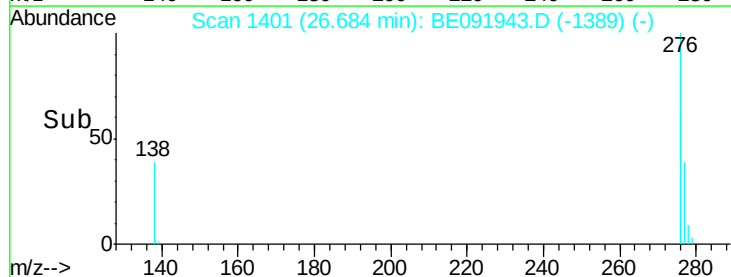
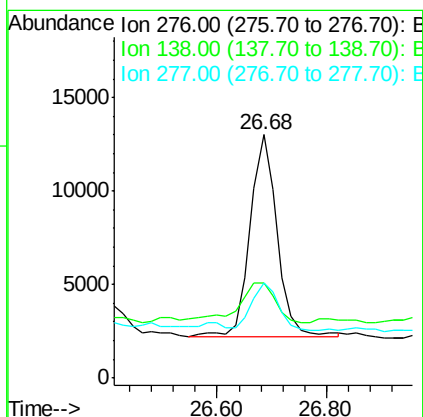
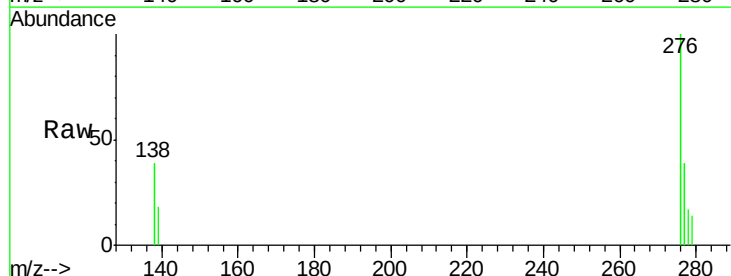
Instrument :
 BNA_E
 ClientSampleId :

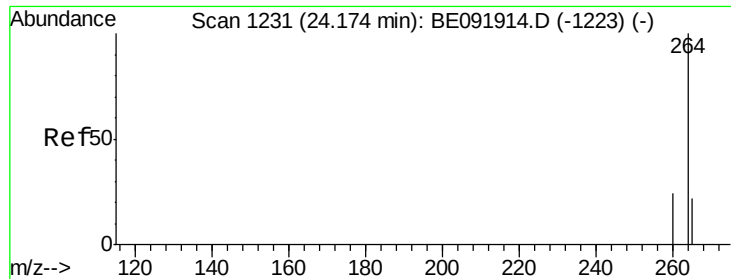
Tot Ion:149 Resp: 150313
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 279 0.0 0.0 0.0



#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.32 ng
 RT: 26.68 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BE091943.D
 Acq: 24 Jun 2016 12:58

Tgt Ion:276 Resp: 37045
 Ion Ratio Lower Upper
 276 100
 138 26.9 19.7 29.5
 277 23.3 20.1 30.1

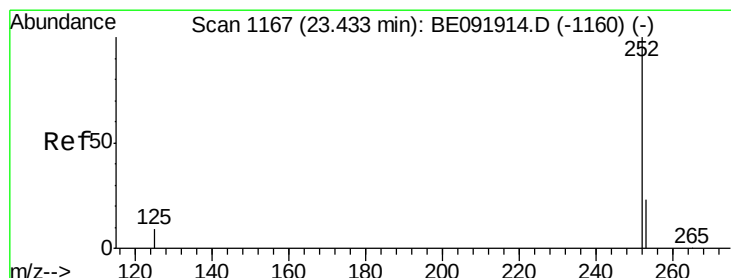
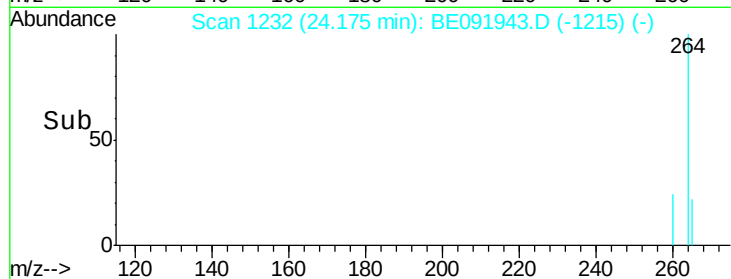
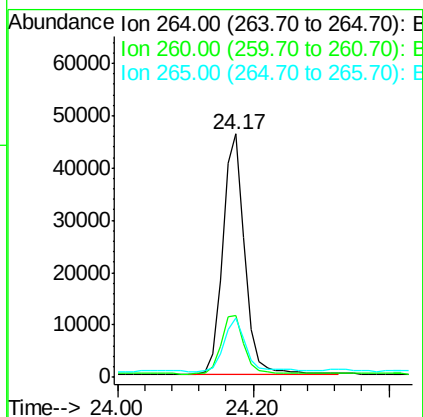
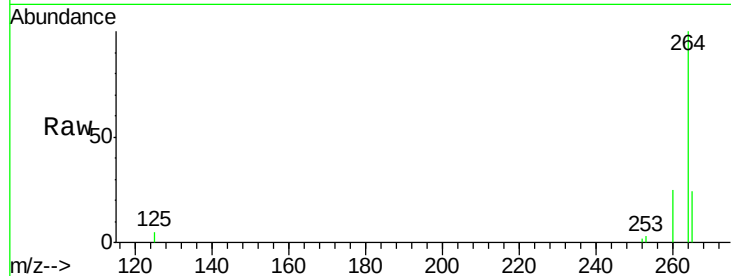




#40
Pervlene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE091943.D
Acq: 24 Jun 2016 12:58

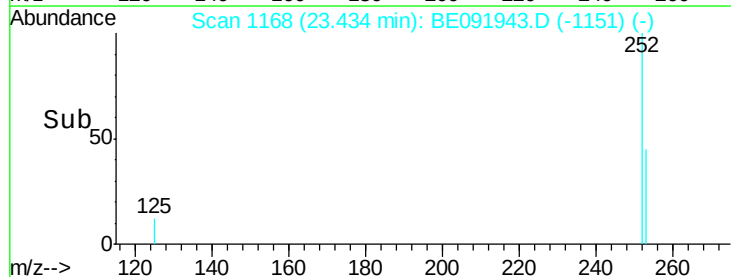
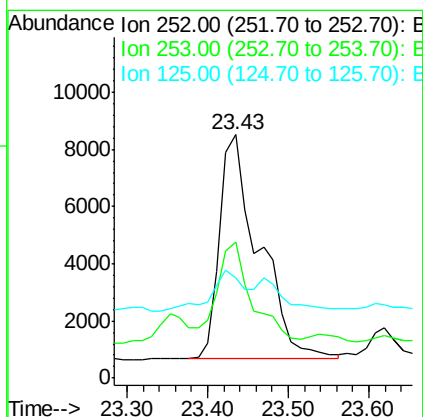
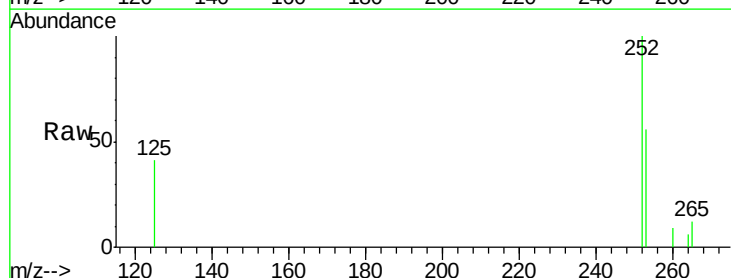
Instrument :
BNA_E
ClientSampleId :

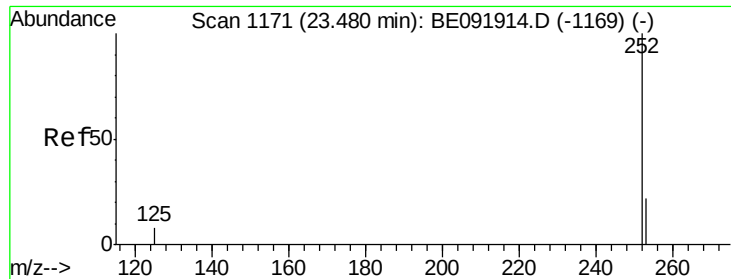
Tot Ion:264 Resp: 105253
Ion Ratio Lower Upper
264 100
260 25.3 20.3 30.5
265 24.2 17.6 26.4



#41
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 23.43 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE091943.D
Acq: 24 Jun 2016 12:58

Tgt Ion:252 Resp: 26724
Ion Ratio Lower Upper
252 100
253 55.7 17.8 26.6#
125 41.1 9.4 14.2#





#42

Benzo(k)fluoranthene

Concen: 1.08 ng

RT: 23.43 min Scan# 1168

Delta R.T. -0.05 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

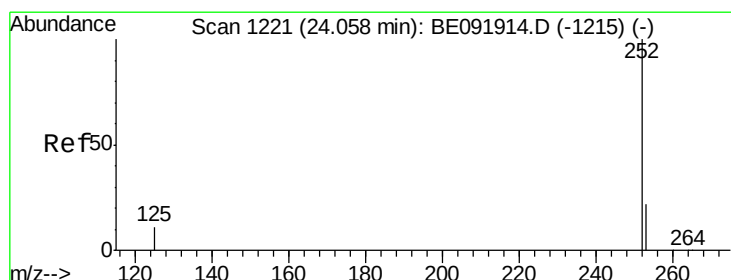
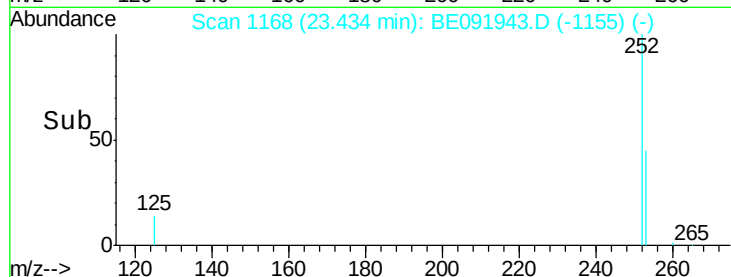
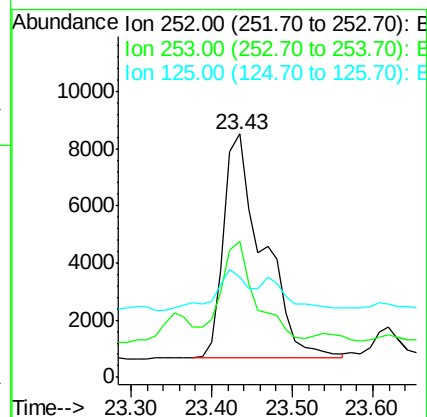
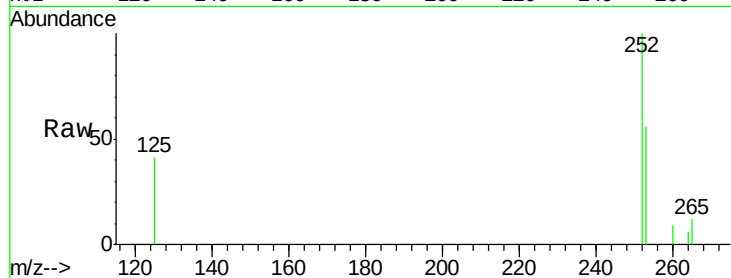
Tot Ion:252 Resp: 26724

Ion Ratio Lower Upper

252 100

253 55.7 19.4 29.2#

125 41.1 8.3 12.5#



#43

Benzo(a)pyrene

Concen: 0.48 ng

RT: 24.06 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

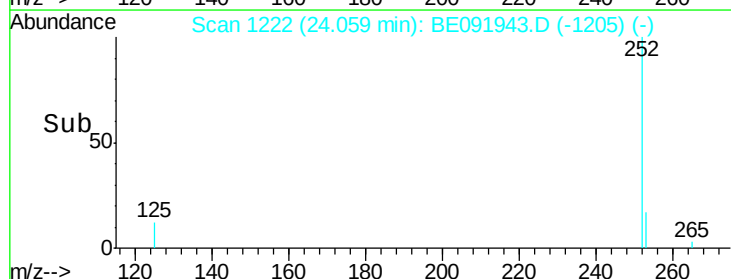
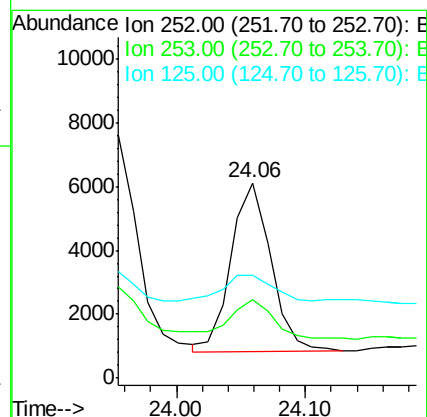
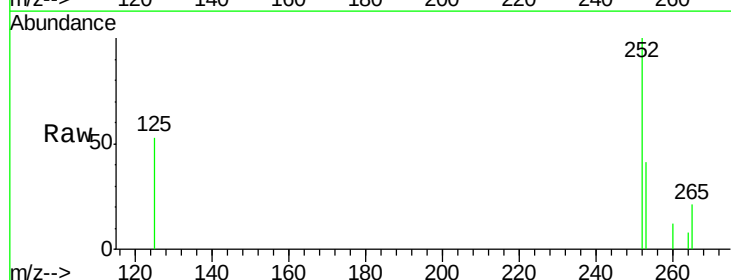
Tgt Ion:252 Resp: 11381

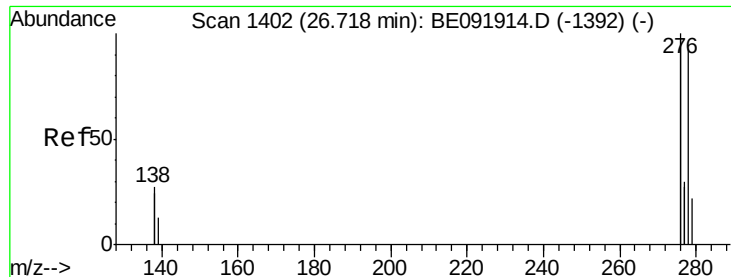
Ion Ratio Lower Upper

252 100

253 40.5 18.9 28.3#

125 53.0 10.5 15.7#





#44

Dibenzo(a,h)anthracene

Concen: 0.12 ng

RT: 26.70 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

Instrument :

BNA_E

ClientSampleId :

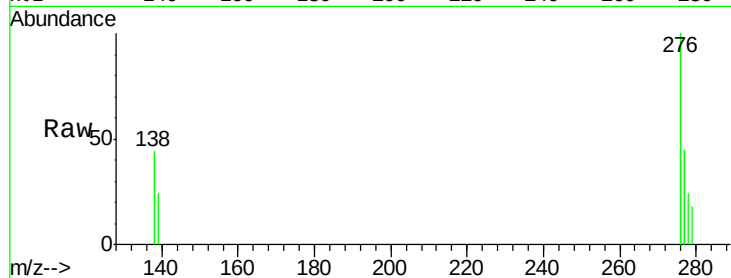
Tot Ion:278 Resp: 2813

Ion Ratio Lower Upper

278 100

139 100.4 12.6 18.8#

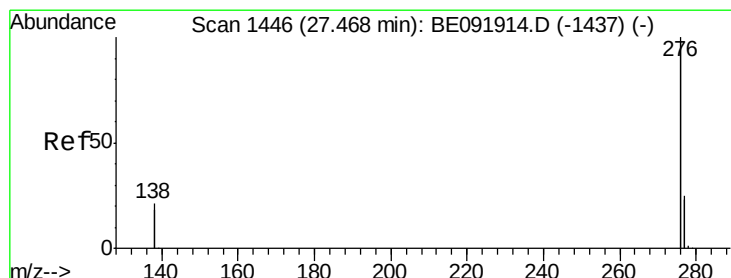
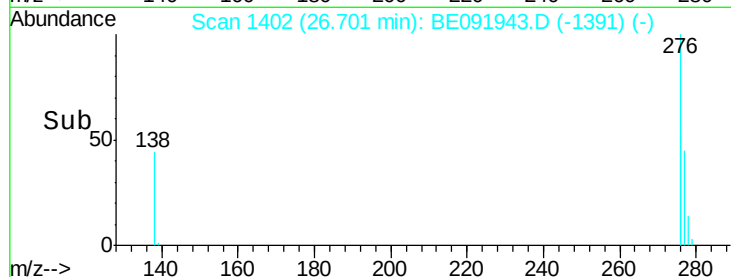
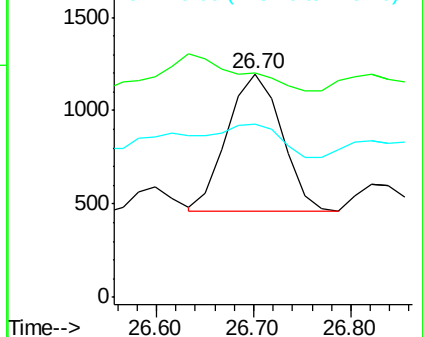
279 77.7 20.0 30.0#



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: 0.54 ng

RT: 27.47 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BE091943.D

Acq: 24 Jun 2016 12:58

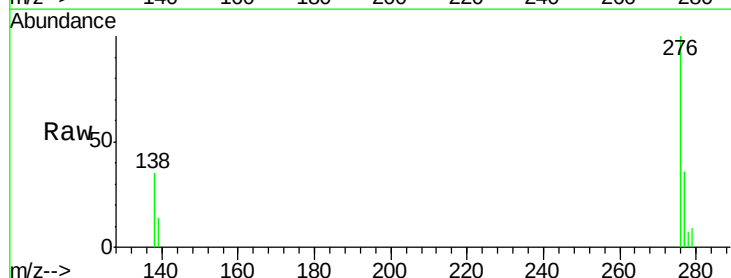
Tgt Ion:276 Resp: 51415

Ion Ratio Lower Upper

276 100

277 36.1 19.5 29.3#

138 35.4 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

