

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091226.D
 Acq On : 18 Nov 2015 14:05
 Operator : UM/NP
 Sample : PB86586BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SBLK86

Quant Time: Nov 19 04:28:57 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 04:25:56 2015
 Response via : Initial Calibration

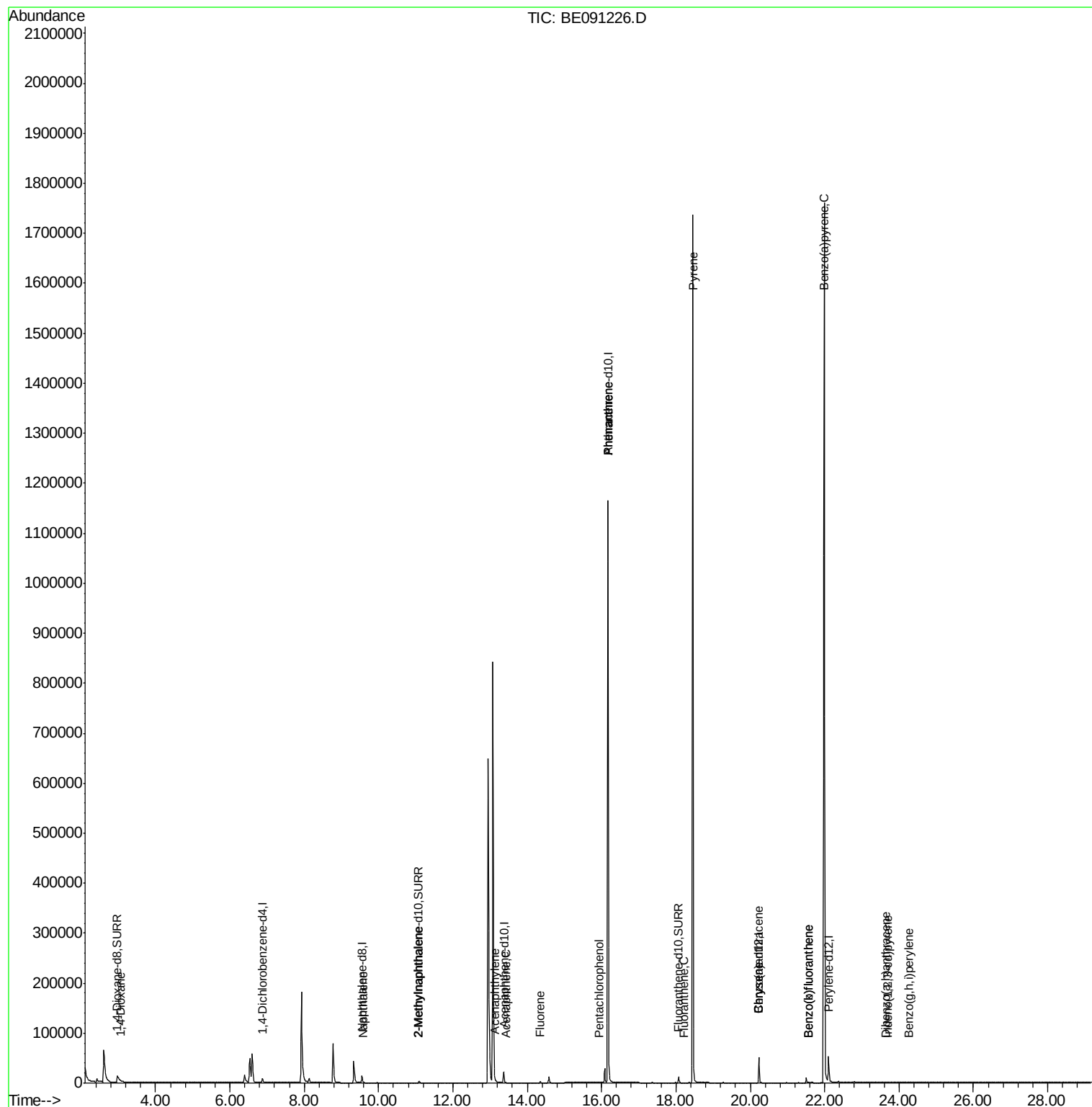
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	3572	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.56	136	18790	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	11268	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.17	188	1441942	0.40	ng/ul	0.08
18) Chrysene-d12	20.23	240	50295	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	62944	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.97	96	22613	8.80	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.08	152	5227	0.20	ng/ul	0.01
16) Fluoranthene-d10	18.08	212	14239	0.00	ng/ul	0.00
Target Compounds				Qvalue		
3) 1,4-Dioxane	3.07	88	101	0.03	ng/ul#	1
5) Naphthalene	9.60	128	116	0.00	ng/ul#	1
7) 2-Methylnaphthalene	11.06	142	8	0.00	ng/ul	100
9) Acenaphthylene	13.14	152	5	0.00	ng/ul#	1
10) Acenaphthene	13.43	153	12	0.00	ng/ul#	67
11) Fluorene	14.35	166	2625	0.05	ng/ul#	9
13) Pentachlorophenol	15.93	266	4	0.00	ng/ul#	16
14) Phenanthrene	16.17	178	3710	0.00	ng/ul#	1
15) Anthracene	16.17	178	3503	0.00	ng/ul#	1
17) Fluoranthene	18.20	202	21	0.00	ng/ul#	1
19) Pyrene	18.45	202	11681	0.02	ng/ul#	1
20) Benzo(a)anthracene	20.23	228	172	0.00	ng/ul#	49
21) Chrysene	20.23	228	172	0.00	ng/ul#	55
23) Benzo(b)fluoranthene	21.57	252	70	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	21.57	252	57	0.00	ng/ul#	1
25) Benzo(a)pyrene	21.99	252	6944	0.04	ng/ul#	54
26) Indeno(1,2,3-cd)pyrene	23.70	276	41	0.00	ng/ul#	1
27) Dibenzo(a,h)anthracene	23.64	278	6	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	24.26	276	16	0.00	ng/ul#	1

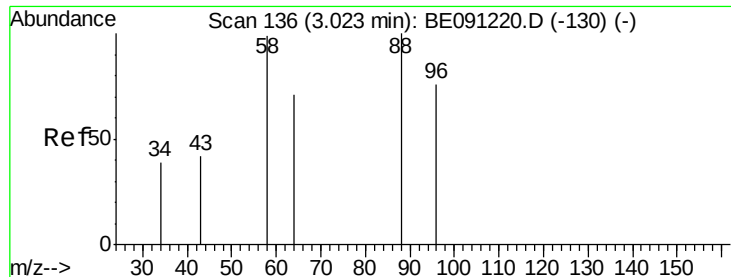
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.03 ng/ul

RT: 3.07 min Scan# 144

Delta R.T. 0.05 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

Instrument :

BNA_E

ClientSampleId :

SBLK86

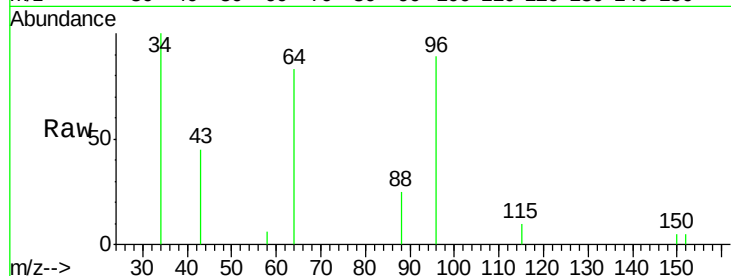
Tgt Ion: 88 Resp: 101

Ion Ratio Lower Upper

88 100

58 0.0 55.4 83.2#

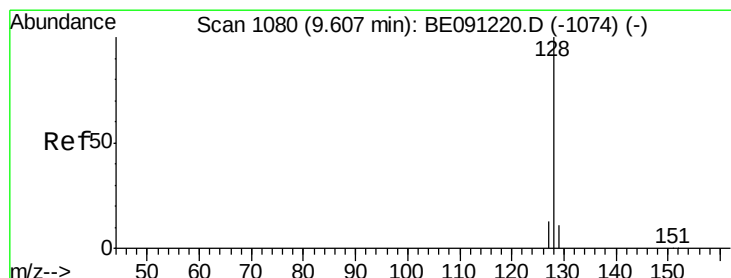
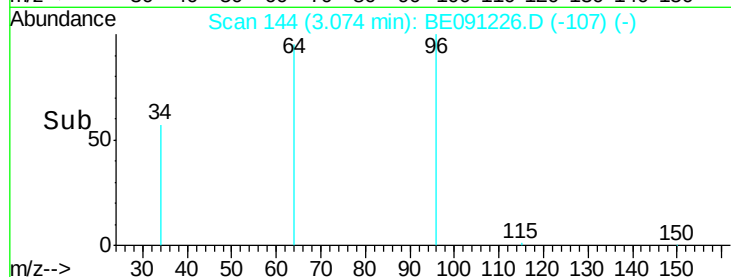
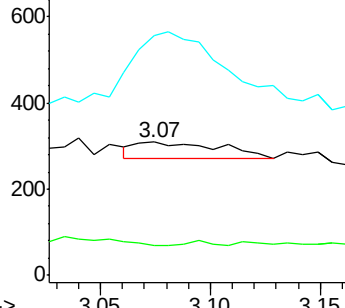
43 672.3 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 9.60 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

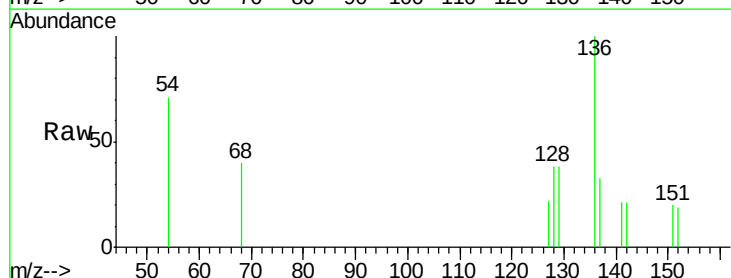
Tgt Ion: 128 Resp: 116

Ion Ratio Lower Upper

128 100

129 98.2 9.8 14.8#

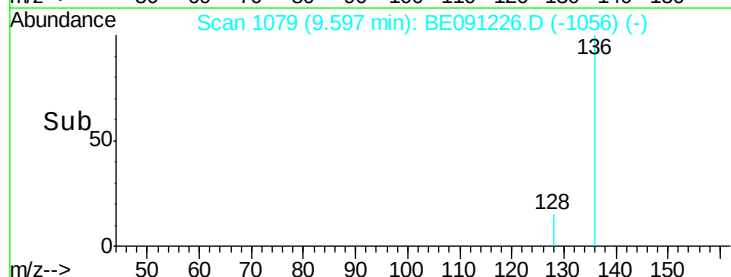
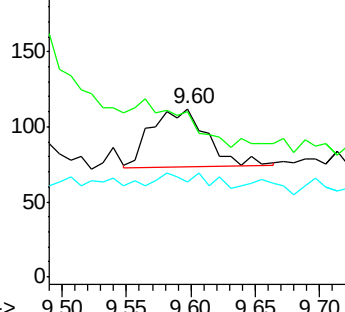
127 56.3 10.7 16.1#

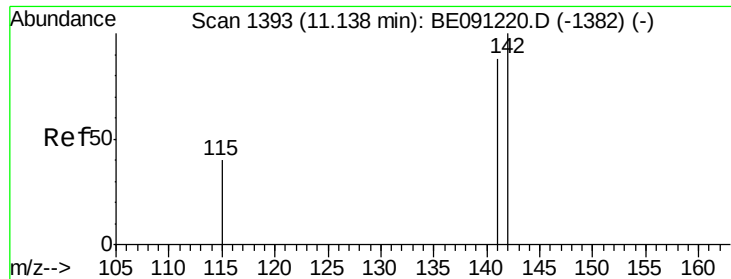


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 11.06 min Scan# 1375

Delta R.T. -0.08 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

Instrument :

BNA_E

ClientSampleId :

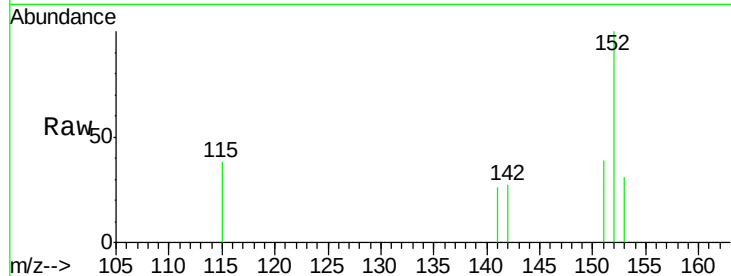
SBLK86

Tgt Ion:142 Resp: 8

Ion Ratio Lower Upper

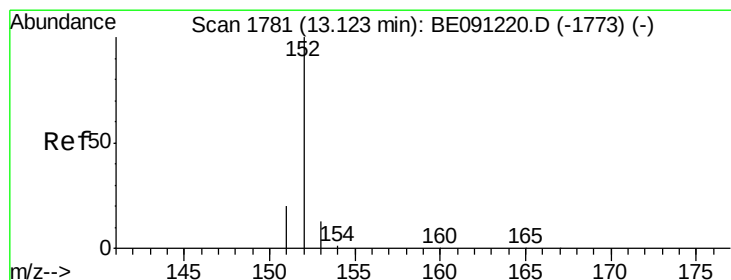
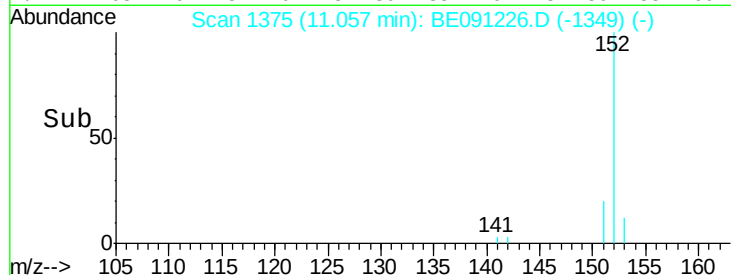
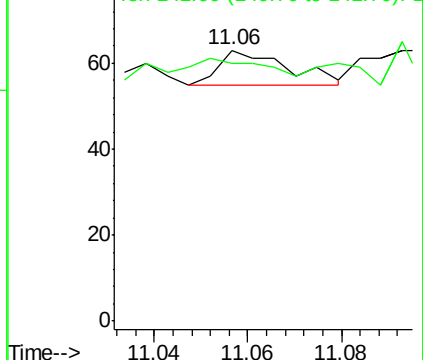
142 100

141 87.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 13.14 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

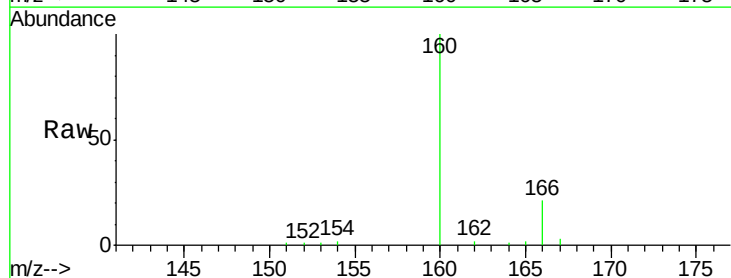
Tgt Ion:152 Resp: 5

Ion Ratio Lower Upper

152 100

151 92.1 16.8 25.2#

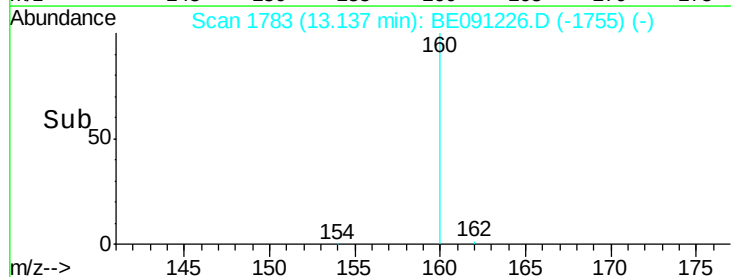
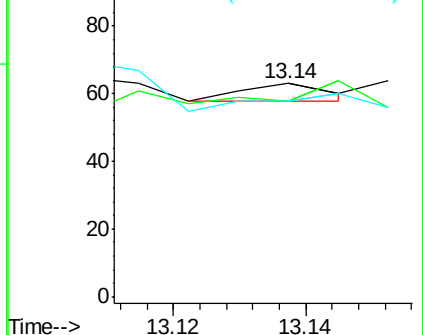
153 92.1 11.3 16.9#

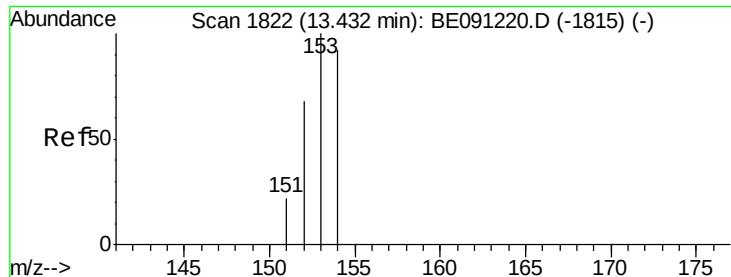


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 13.43 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

Instrument :

BNA_E

ClientSampleId :

SBLK86

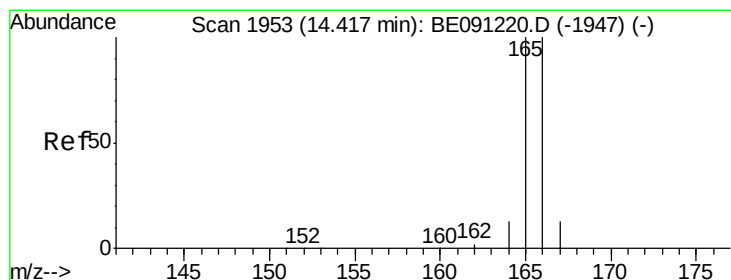
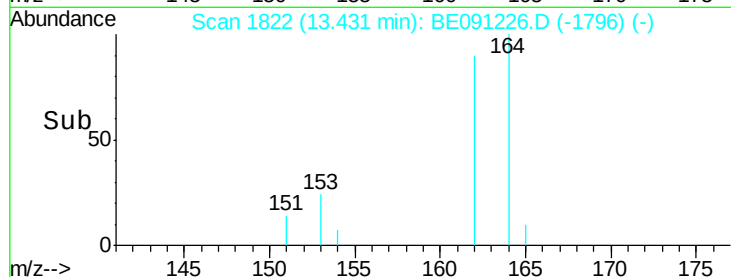
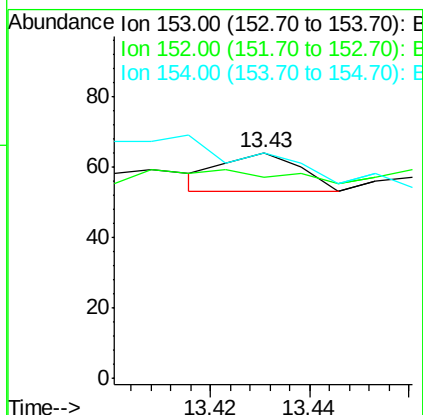
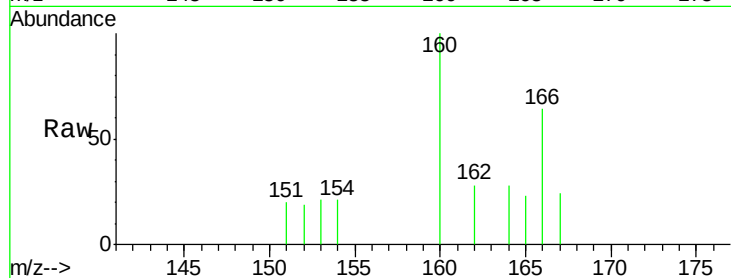
Tgt Ion:153 Resp: 12

Ion Ratio Lower Upper

153 100

152 89.1 42.3 63.5#

154 100.0 64.7 97.1#



#11

Fluorene

Concen: 0.05 ng/ul

RT: 14.35 min Scan# 1944

Delta R.T. -0.07 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

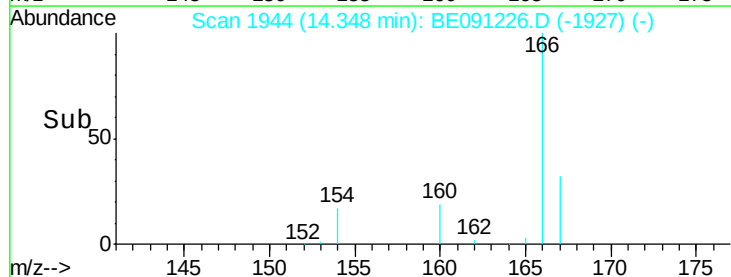
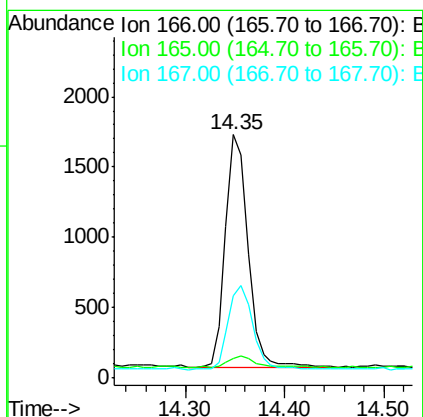
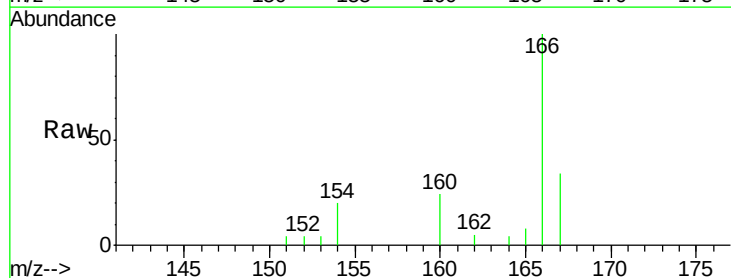
Tgt Ion:166 Resp: 2625

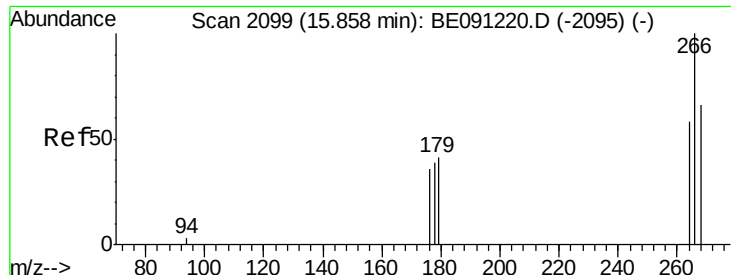
Ion Ratio Lower Upper

166 100

165 8.1 87.6 131.4#

167 33.8 11.1 16.7#

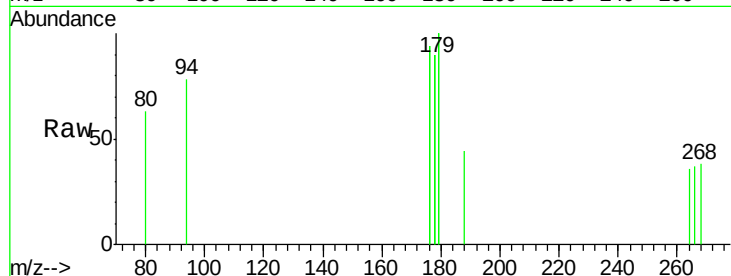




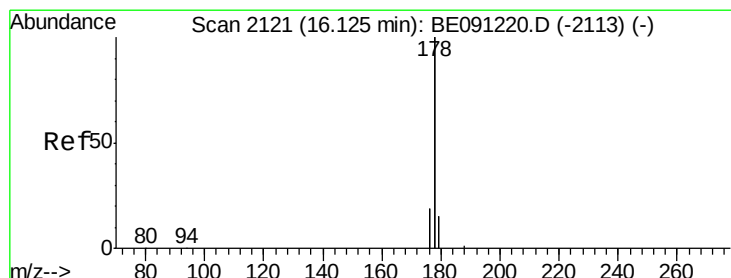
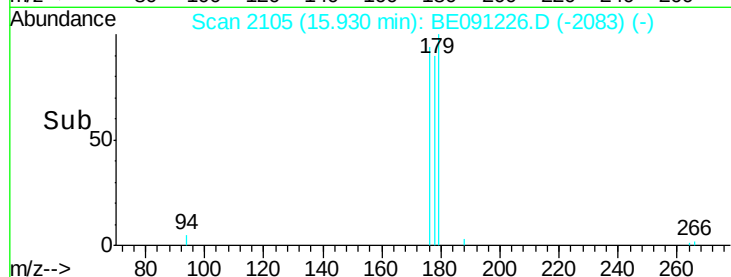
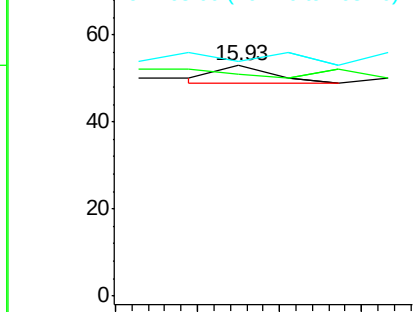
#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 15.93 min Scan# 2105
 Delta R.T. 0.07 min
 Lab File: BE091226.D
 Acq: 18 Nov 2015 14:05

Instrument :
 BNA_E
 ClientSampleId :
 SBLK86

Tgt Ion: 266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 0.0 53.5 80.3#
 268 0.0 54.2 81.2#

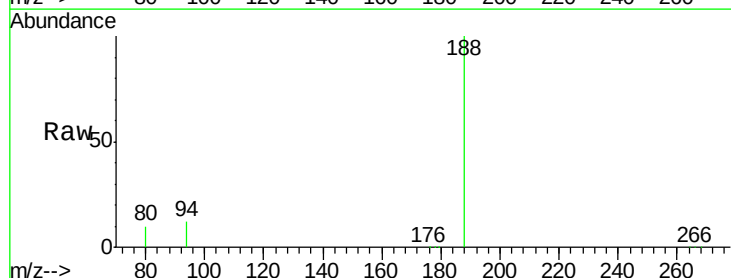


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

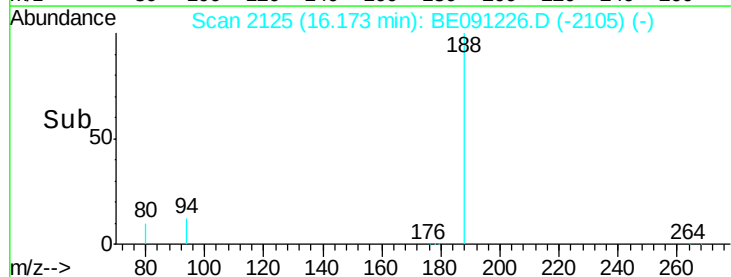
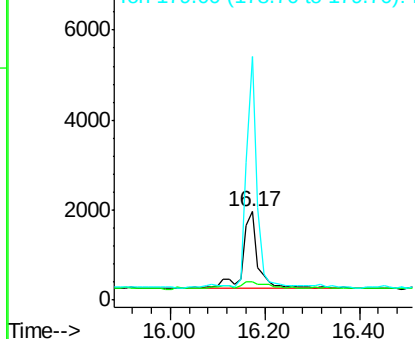


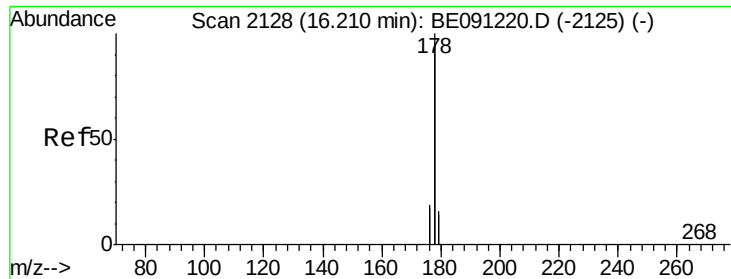
#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 16.17 min Scan# 2125
 Delta R.T. 0.05 min
 Lab File: BE091226.D
 Acq: 18 Nov 2015 14:05

Tgt Ion: 178 Resp: 3710
 Ion Ratio Lower Upper
 178 100
 176 21.5 16.2 24.4
 179 276.3 12.8 19.2#



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





#15

Anthracene

Concen: 0.00 ng/ul

RT: 16.17 min Scan# 2125

Delta R.T. -0.04 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

Instrument :

BNA_E

ClientSampleId :

SBLK86

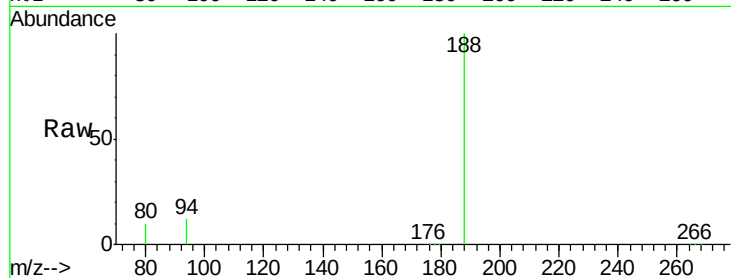
Tgt Ion:178 Resp: 3503

Ion Ratio Lower Upper

178 100

176 21.5 15.8 23.8

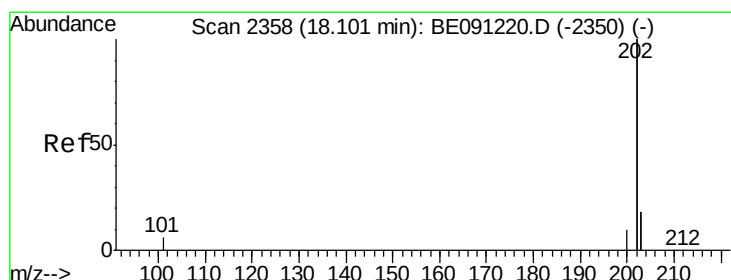
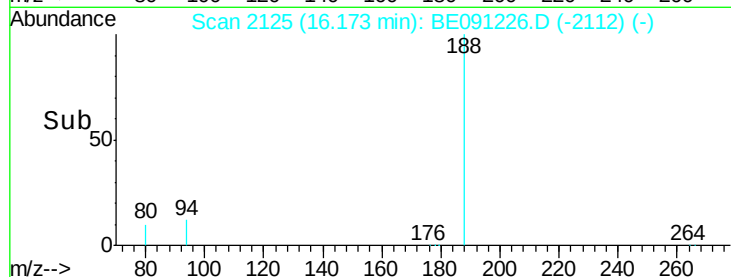
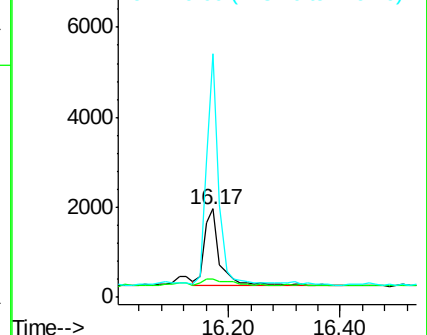
179 276.3 13.3 19.9#



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



#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 18.20 min Scan# 2373

Delta R.T. 0.10 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

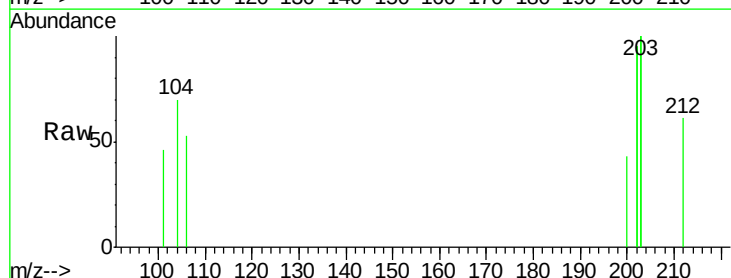
Tgt Ion:202 Resp: 21

Ion Ratio Lower Upper

202 100

101 24.2 0.0 33.1

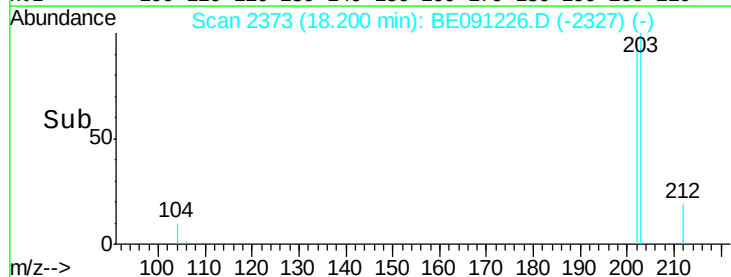
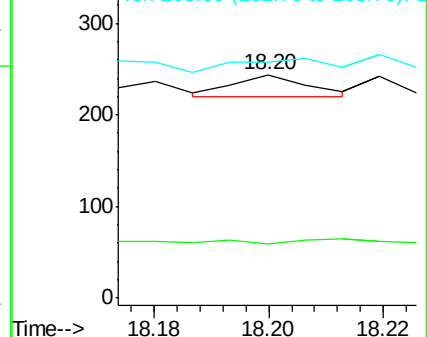
203 105.7 0.0 37.2#

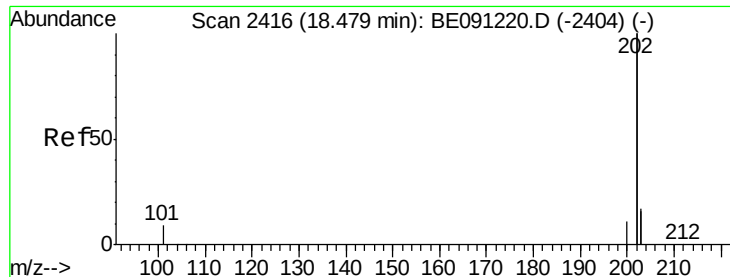


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.02 ng/ul

RT: 18.45 min Scan# 2412

Delta R.T. -0.03 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

Instrument :

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SBLK86

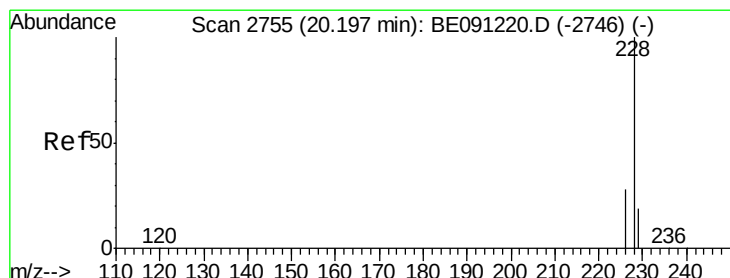
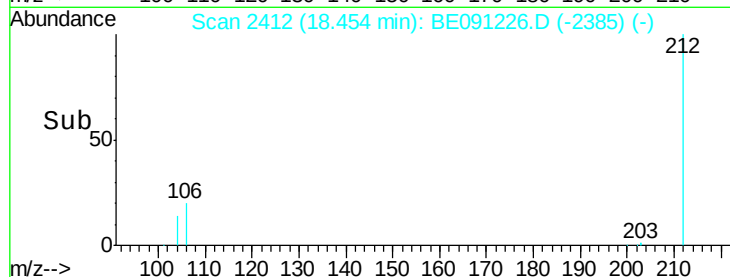
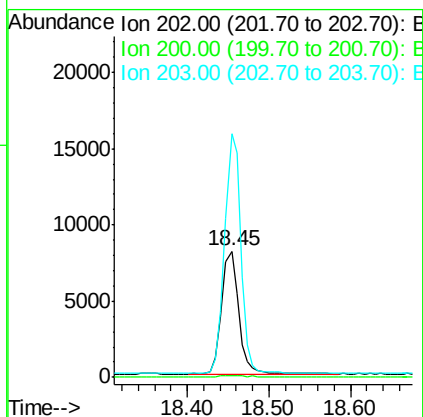
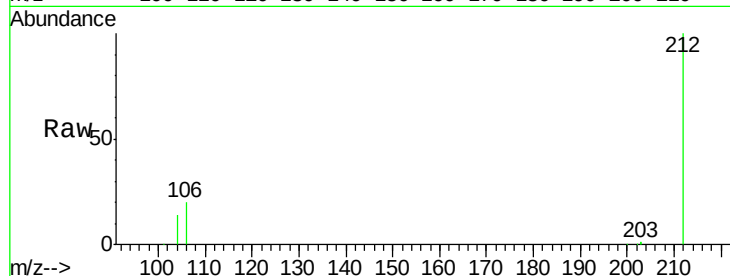
Tgt Ion:202 Resp: 11681

Ion Ratio Lower Upper

202 100

200 1.6 18.0 27.0#

203 192.7 13.8 20.6#



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 20.23 min Scan# 2762

Delta R.T. 0.03 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

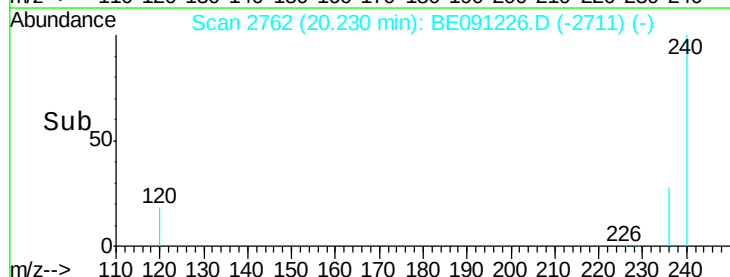
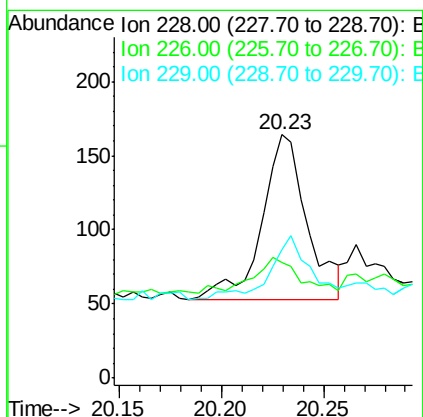
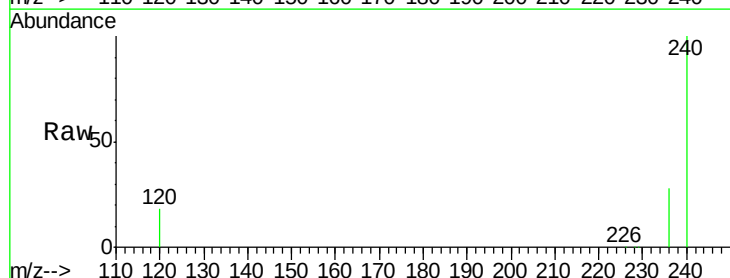
Tgt Ion:228 Resp: 172

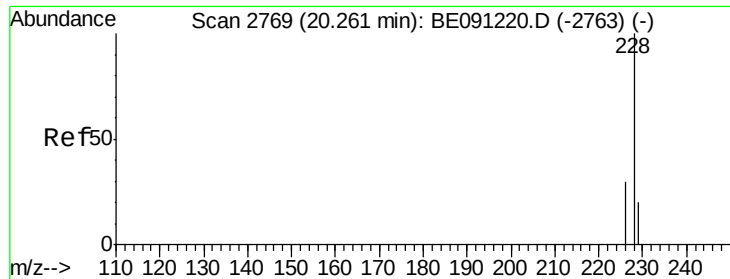
Ion Ratio Lower Upper

228 100

226 47.6 23.0 34.4#

229 53.0 15.2 22.8#





#21

Chrysene

Concen: 0.00 ng/ul

RT: 20.23 min Scan# 2762

Delta R.T. -0.03 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

Instrument :

BNA_E

ClientSampleId :

SBLK86

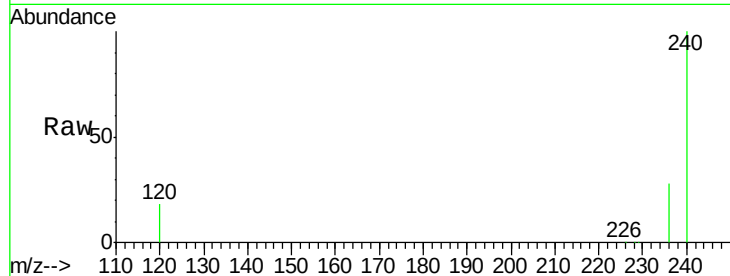
Tgt Ion:228 Resp: 172

Ion Ratio Lower Upper

228 100

226 47.6 25.7 38.5#

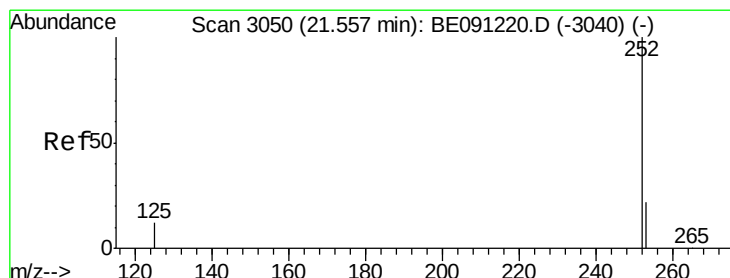
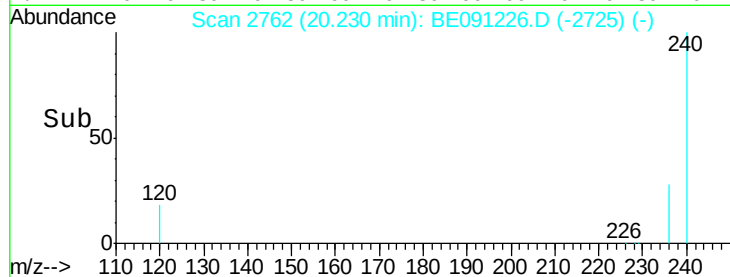
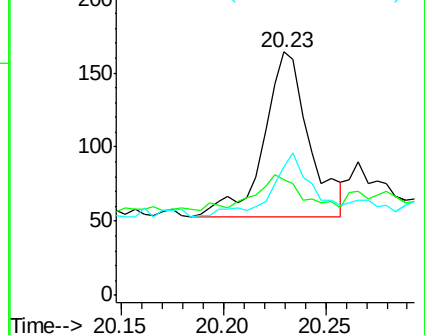
229 53.0 15.2 22.8#



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



#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 21.57 min Scan# 3052

Delta R.T. 0.01 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

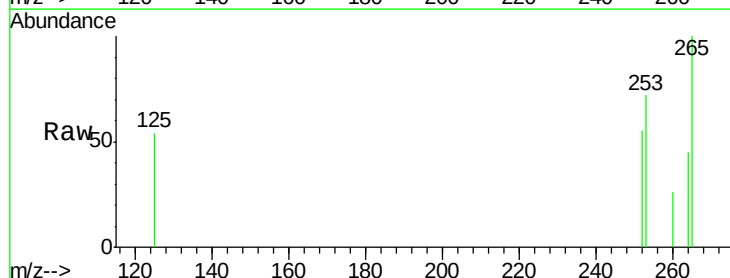
Tgt Ion:252 Resp: 70

Ion Ratio Lower Upper

252 100

253 130.4 0.0 48.0#

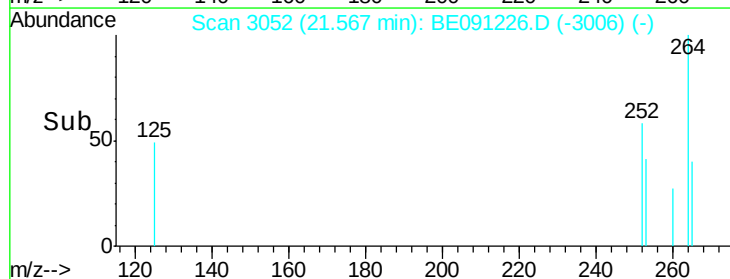
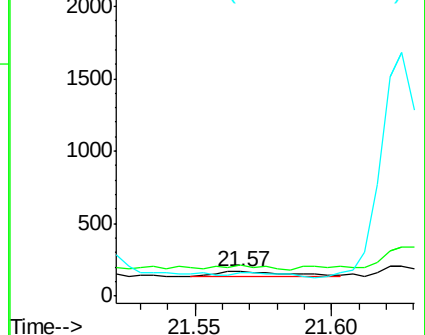
125 97.6 0.0 36.6#

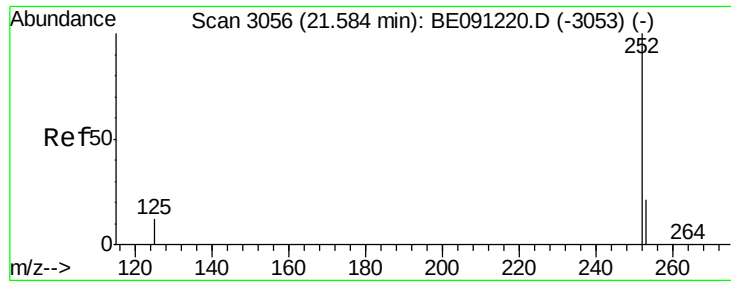


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 21.57 min Scan# 3052

Delta R.T. -0.02 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

Instrument :

BNA_E

ClientSampleId :

SBLK86

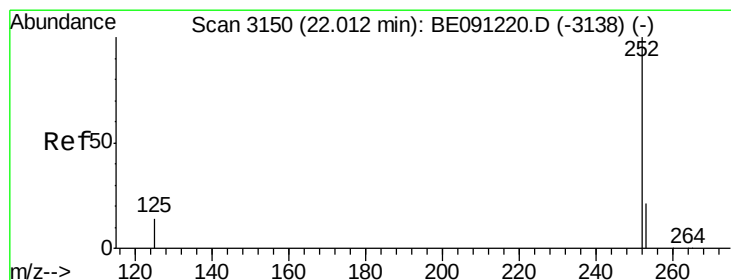
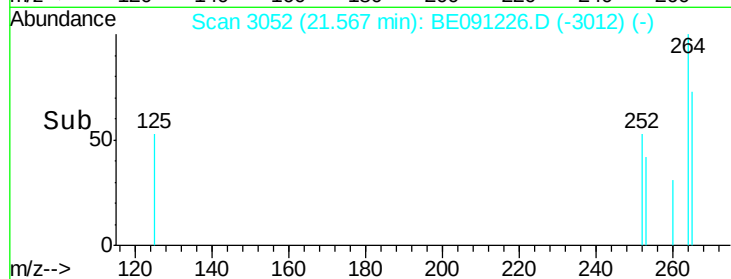
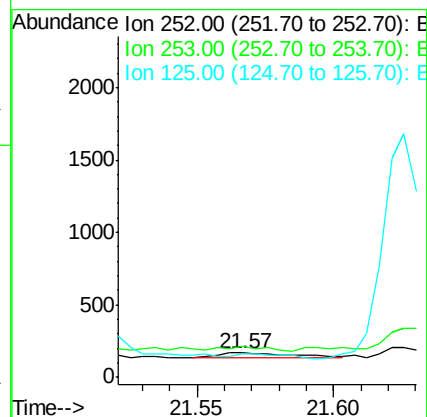
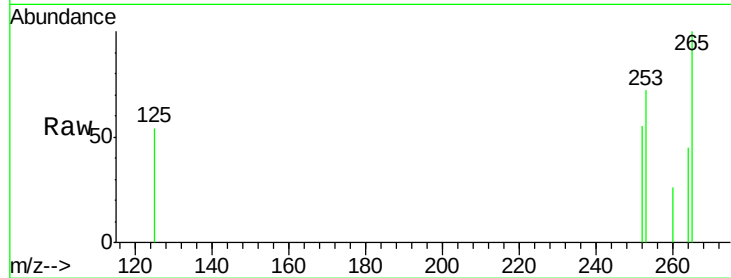
Tgt Ion:252 Resp: 57

Ion Ratio Lower Upper

252 100

253 130.4 20.8 31.2#

125 97.6 12.2 18.4#



#25

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 21.99 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

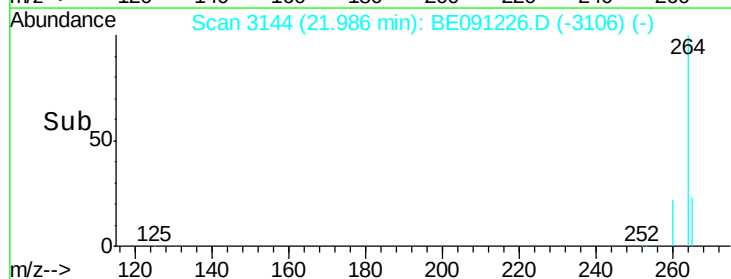
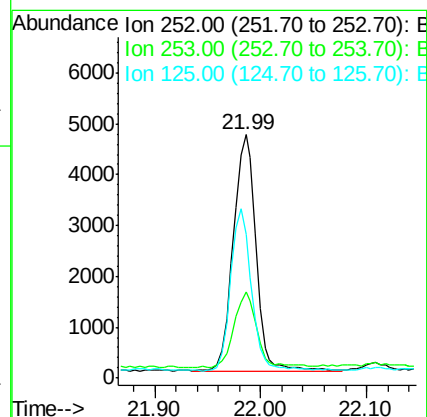
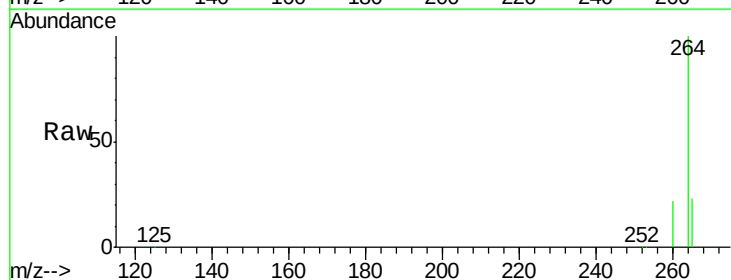
Tgt Ion:252 Resp: 6944

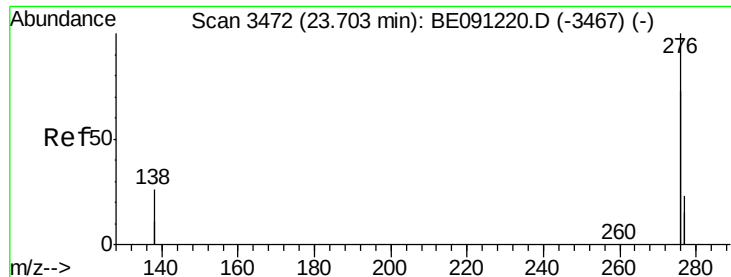
Ion Ratio Lower Upper

252 100

253 35.1 21.8 32.8#

125 59.0 14.5 21.7#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 23.70 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

Instrument :

BNA_E

ClientSampleId :

SBLK86

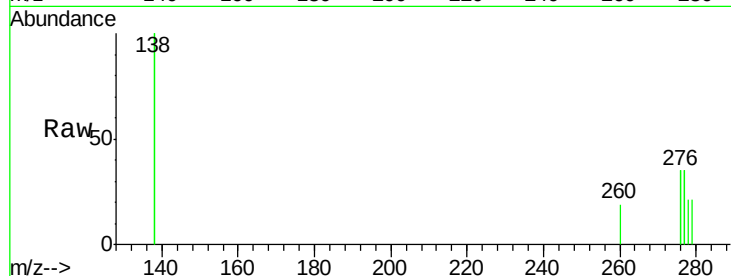
Tgt Ion:276 Resp: 41

Ion Ratio Lower Upper

276 100

138 117.1 27.5 41.3#

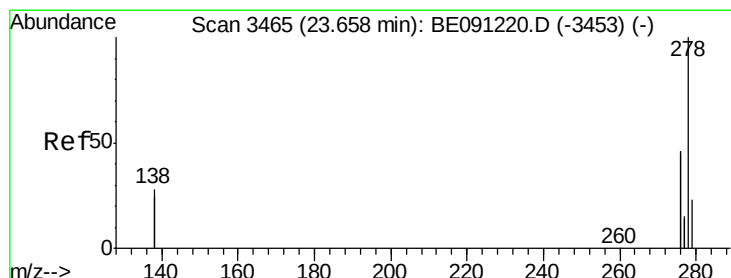
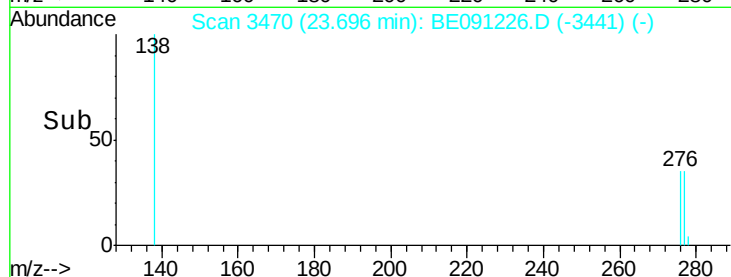
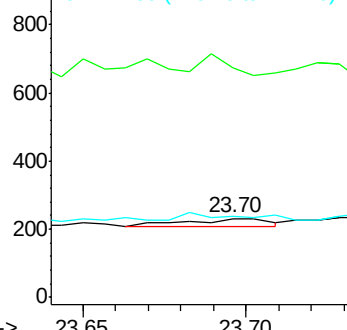
277 63.4 19.3 28.9#



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



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 23.64 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

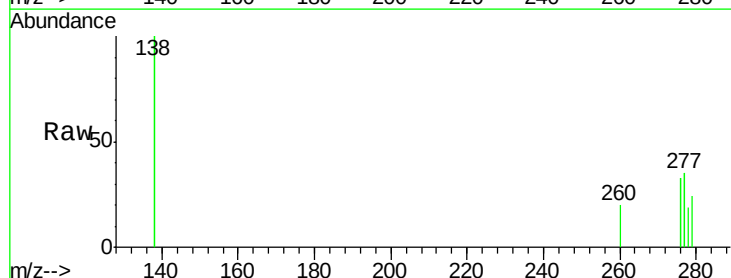
Tgt Ion:278 Resp: 6

Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

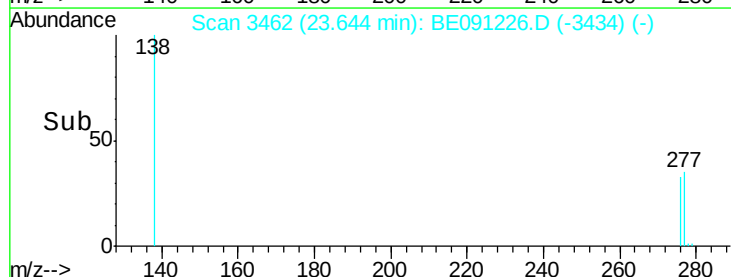
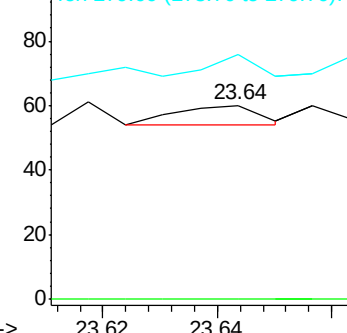
279 126.7 21.9 32.9#

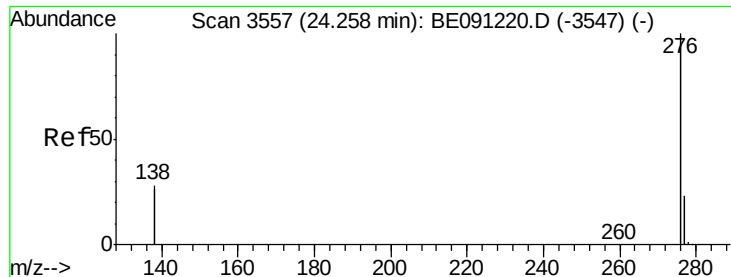


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 24.26 min Scan# 3557

Delta R.T. 0.01 min

Lab File: BE091226.D

Acq: 18 Nov 2015 14:05

Instrument :

BNA_E

ClientSampleId :

SBLK86

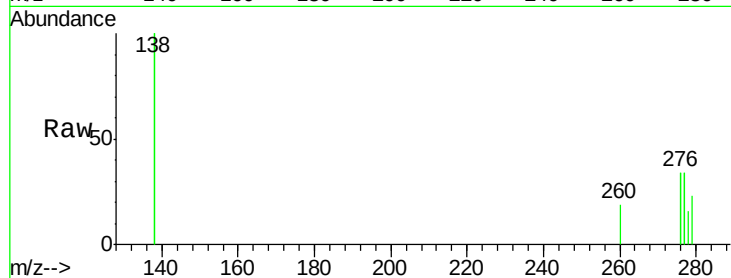
Tgt Ion: 276 Resp: 16

Ion Ratio Lower Upper

276 100

277 99.2 21.3 31.9#

138 290.8 25.5 38.3#



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

