

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111115\
 Data File : BE091134.D
 Acq On : 12 Nov 2015 8:27
 Operator : UM/NP
 Sample : G4322-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR8

Quant Time: Nov 13 15:22:07 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 : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

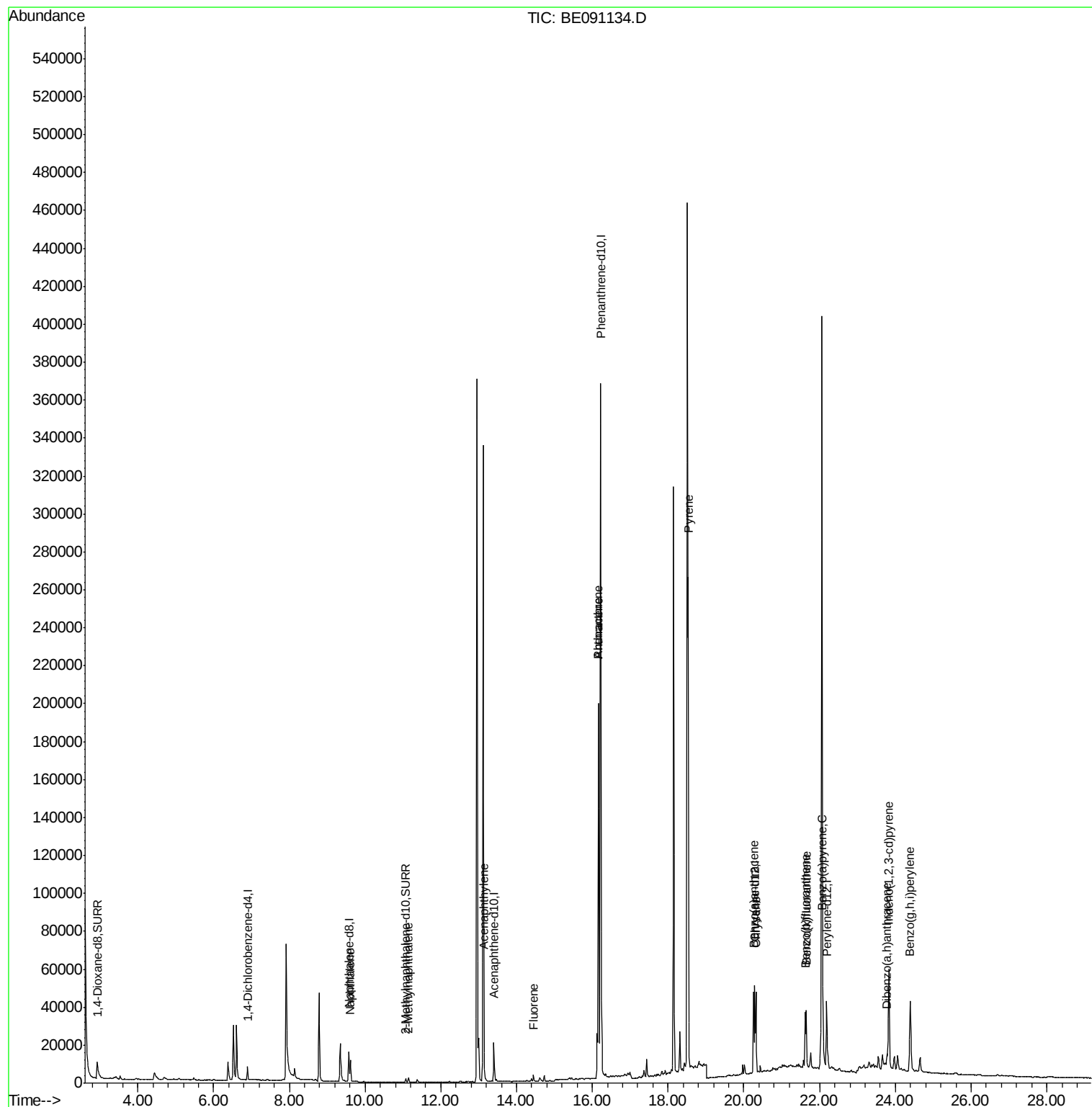
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3322	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	19136	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11006	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	452488	0.40	ng/ul	0.08
18) Chrysene-d12	20.28	240	38933	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	40545	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	10389	4.35	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	2379	0.09	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	5225	0.00	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	9.61	128	14392	0.31	ng/ul	99
7) 2-Methylnaphthalene	11.15	142	1912	0.06	ng/ul	97
9) Acenaphthylene	13.15	152	7243	0.13	ng/ul	98
11) Fluorene	14.45	166	2188	0.05	ng/ul#	94
14) Phenanthrene	16.16	178	213341	0.04	ng/ul	98
15) Anthracene	16.16	178	191340	0.04	ng/ul	97
19) Pyrene	18.53	202	260560	0.59	ng/ul#	78
20) Benzo(a)anthracene	20.26	228	35625	0.36	ng/ul#	94
21) Chrysene	20.32	228	38677	0.34	ng/ul#	95
23) Benzo(b)fluoranthene	21.62	252	28460	0.22	ng/ul	87
24) Benzo(k)fluoranthene	21.65	252	28954	0.22	ng/ul#	84
25) Benzo(a)pyrene	22.09	252	30158	0.26	ng/ul#	91
26) Indeno(1,2,3-cd)pyrene	23.83	276	78809	0.16	ng/ul#	88
27) Dibenzo(a,h)anthracene	23.78	278	5176	0.04	ng/ul#	61
28) Benzo(g,h,i)perylene	24.39	276	60305	0.12	ng/ul	96

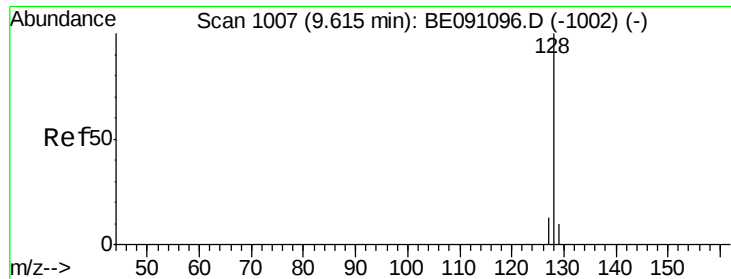
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 13 13:56:00 2015
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#5

Naphthalene

Concen: 0.31 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

ClientSampleId :

A4HR8

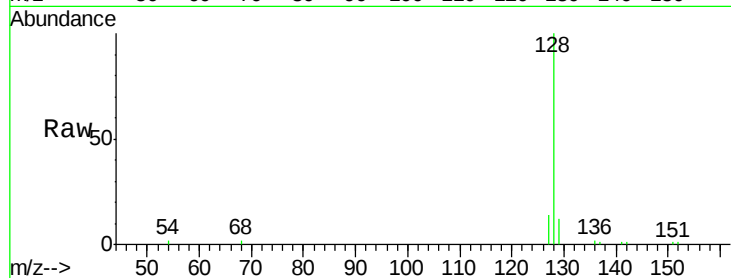
Tgt Ion:128 Resp: 14392

Ion Ratio Lower Upper

128 100

129 12.5 9.8 14.8

127 13.7 10.7 16.1

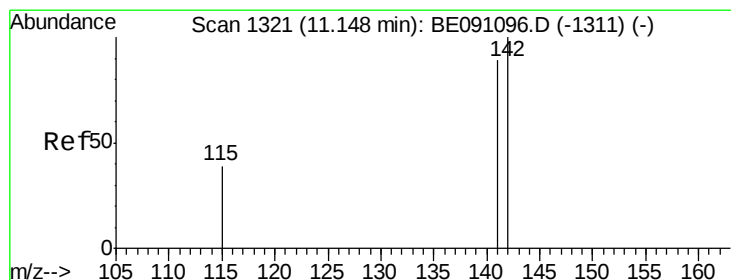
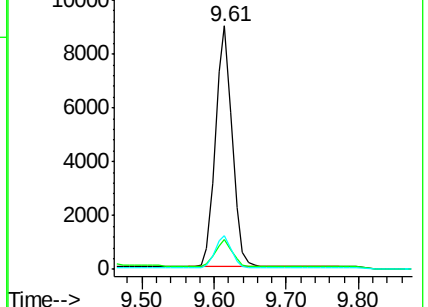
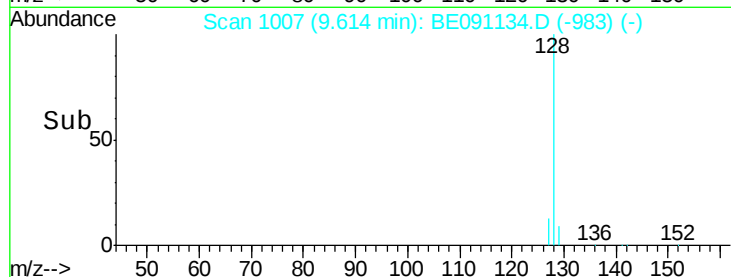


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



#7

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 11.15 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BE091134.D

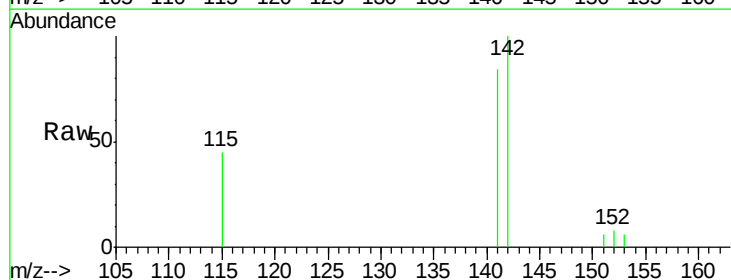
Acq: 12 Nov 2015 8:27

Tgt Ion:142 Resp: 1912

Ion Ratio Lower Upper

142 100

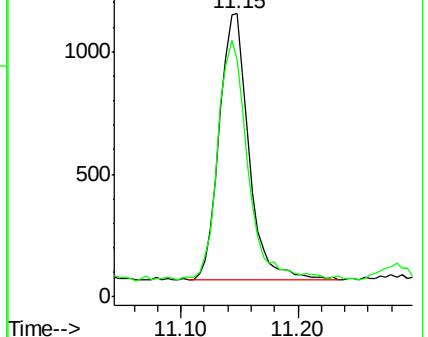
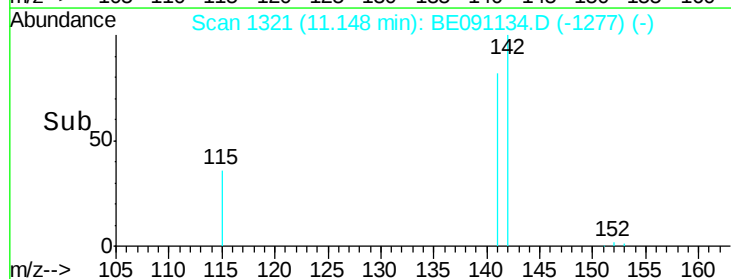
141 90.9 70.3 105.5

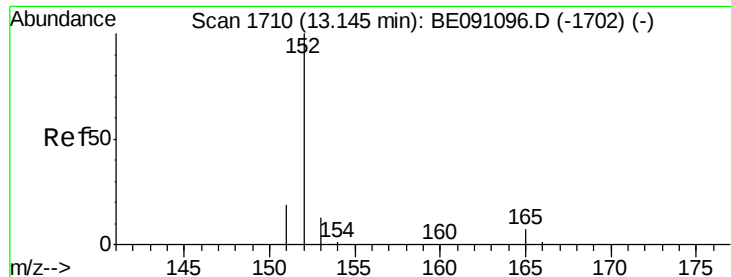


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#9

Acenaphthylene

Concen: 0.13 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

ClientSampleId :

A4HR8

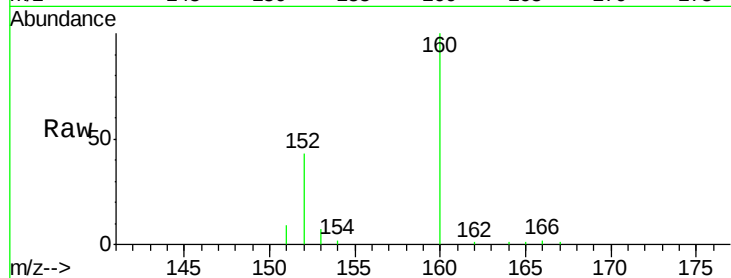
Tgt Ion:152 Resp: 7243

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

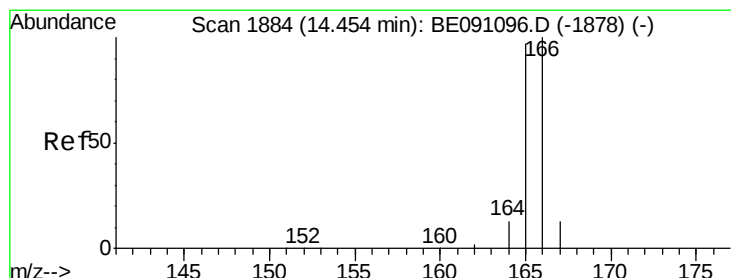
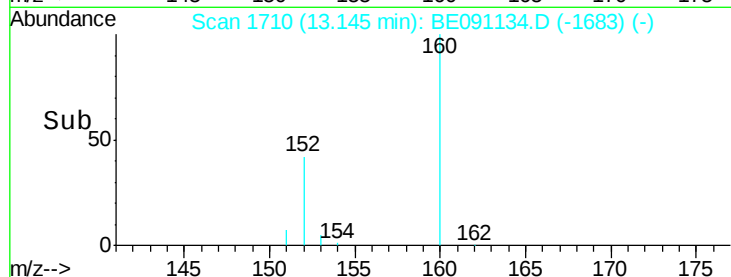
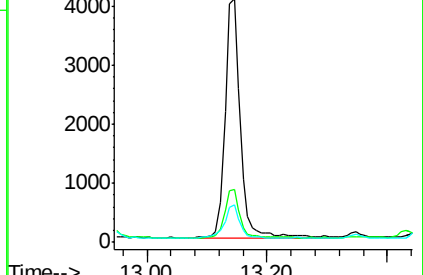
153 15.2 11.3 16.9



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



#11

Fluorene

Concen: 0.05 ng/ul

RT: 14.45 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

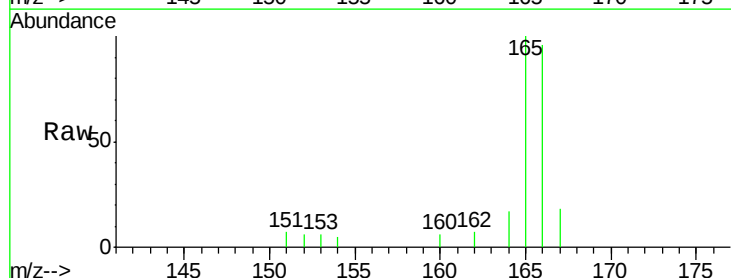
Tgt Ion:166 Resp: 2188

Ion Ratio Lower Upper

166 100

165 104.3 87.6 131.4

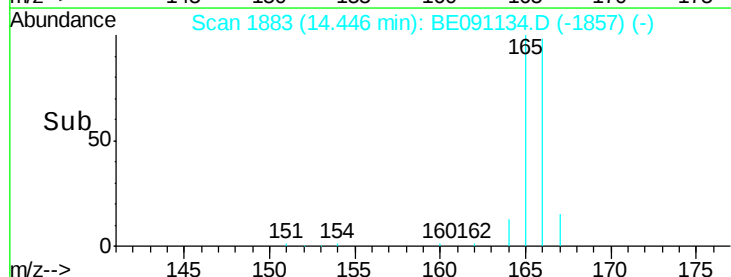
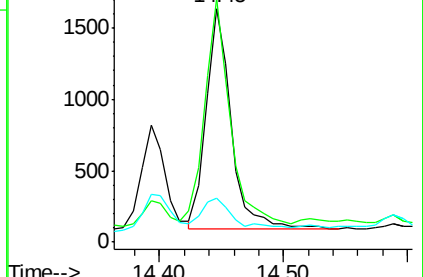
167 18.8 11.1 16.7#

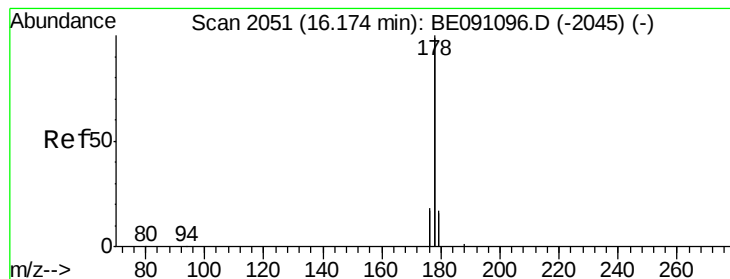


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#14

Phenanthrene

Concen: 0.04 ng/ul

RT: 16.16 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

ClientSampleId :

A4HR8

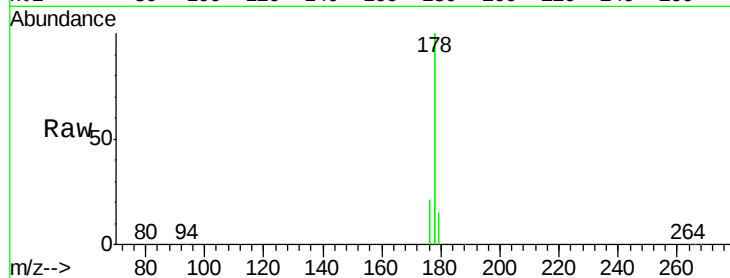
Tgt Ion:178 Resp: 213341

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

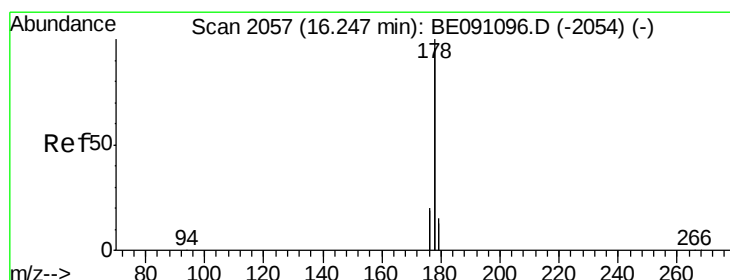
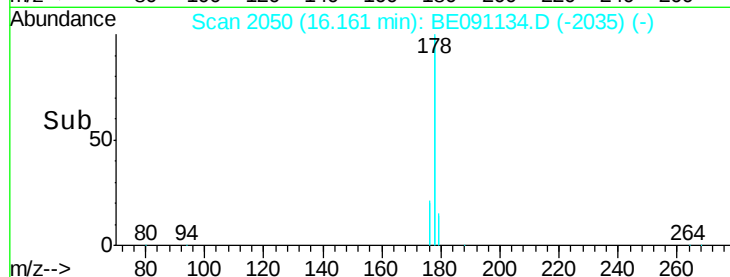
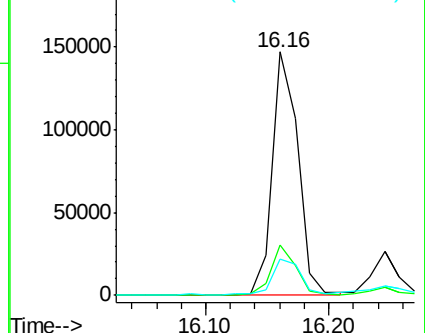
179 14.7 12.8 19.2



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: 0.04 ng/ul

RT: 16.16 min Scan# 2050

Delta R.T. -0.09 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

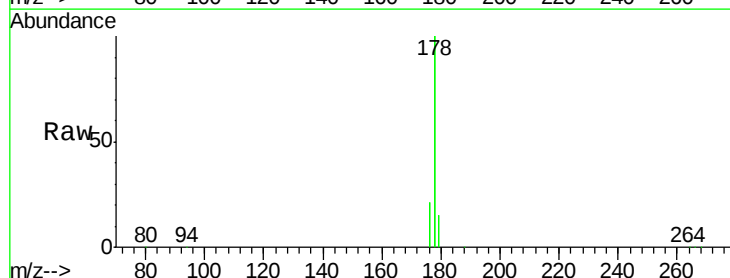
Tgt Ion:178 Resp: 191340

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

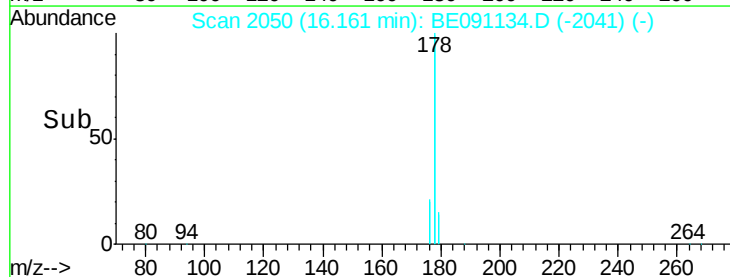
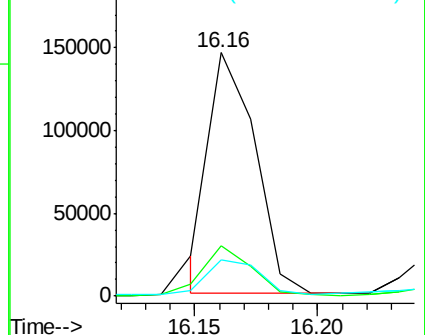
179 14.7 13.3 19.9

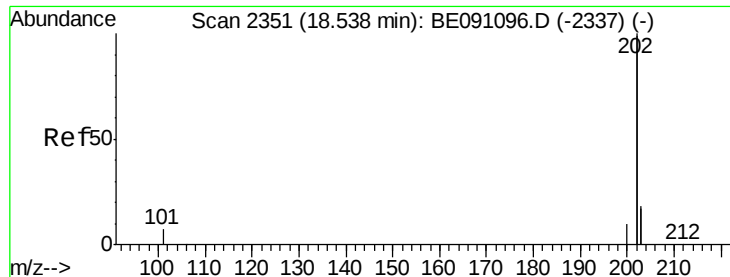


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#19

Pyrene

Concen: 0.59 ng/u1

RT: 18.53 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

ClientSampled :

A4HR8

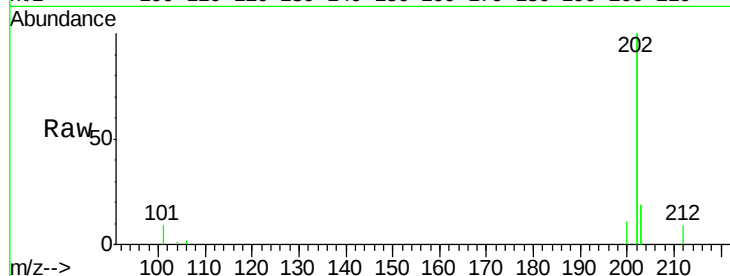
Tgt Ion:202 Resp: 260560

Ion Ratio Lower Upper

202 100

200 5.5 18.0 27.0#

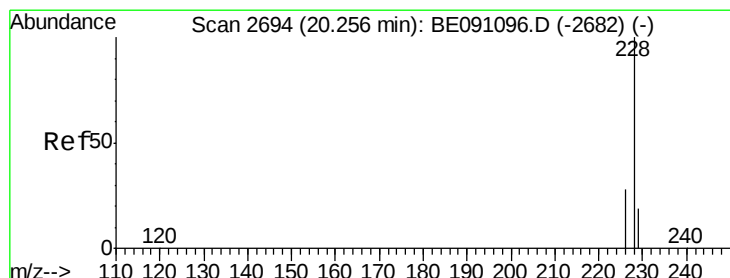
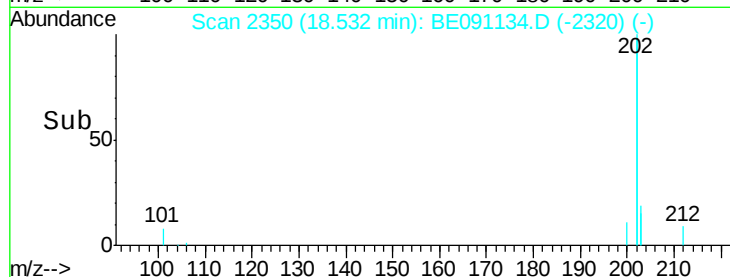
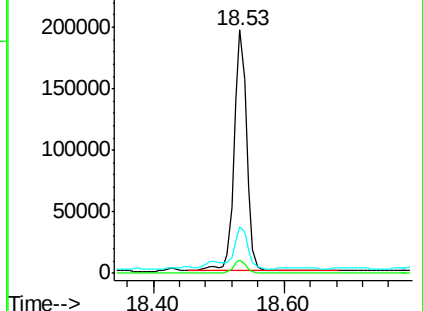
203 19.2 13.8 20.6



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



#20

Benzo(a)anthracene

Concen: 0.36 ng/u1

RT: 20.26 min Scan# 2694

Delta R.T. 0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

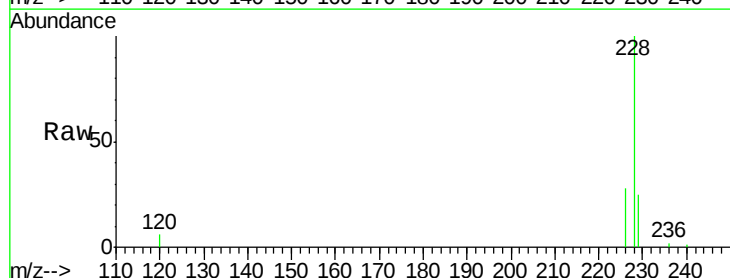
Tgt Ion:228 Resp: 35625

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.4

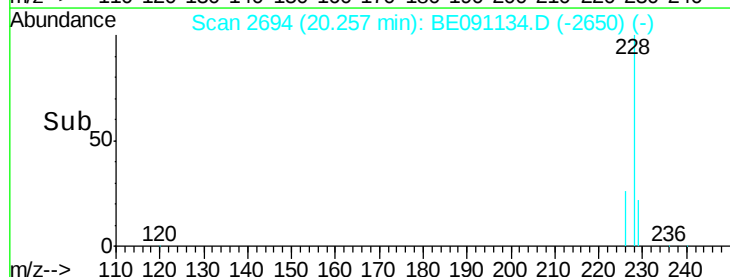
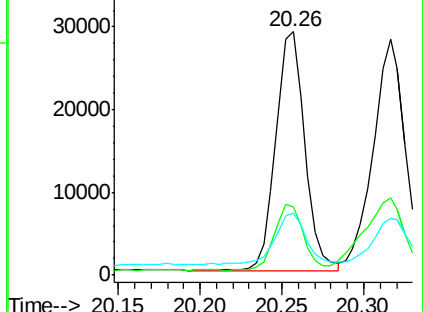
229 25.5 15.2 22.8#

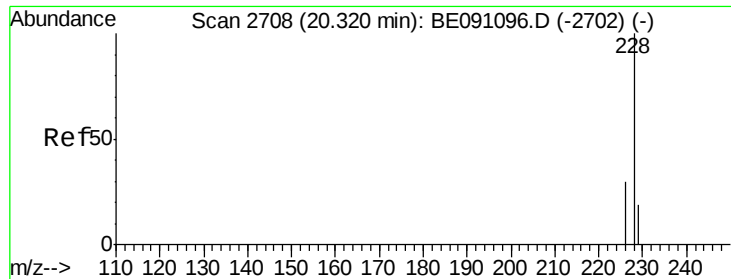


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.34 ng/ul

RT: 20.32 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

ClientSampleId :

A4HR8

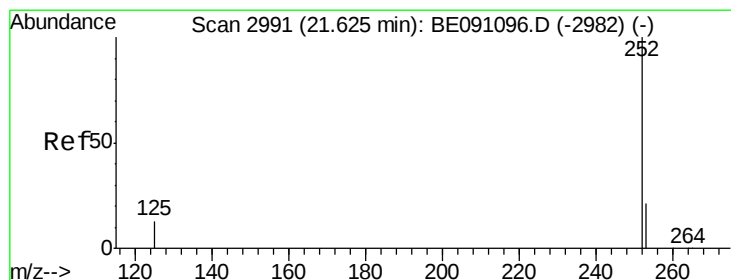
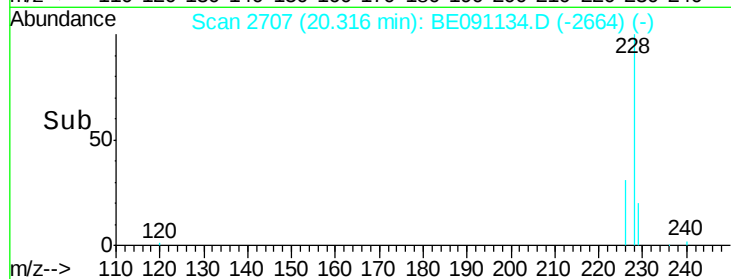
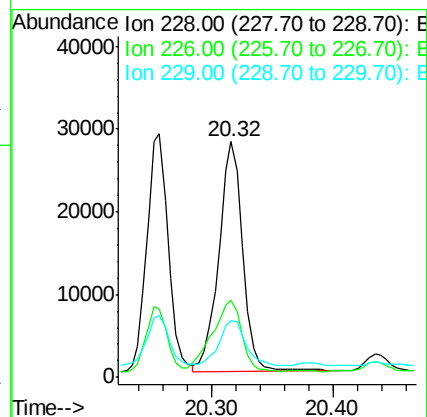
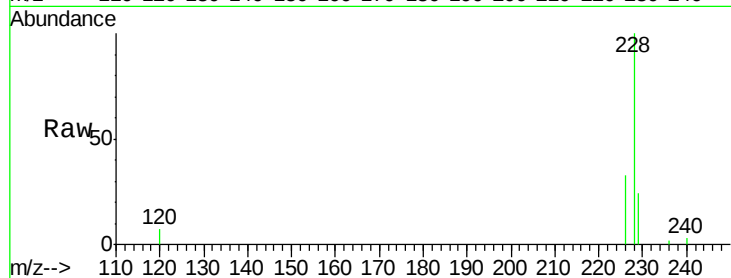
Tgt Ion:228 Resp: 38677

Ion Ratio Lower Upper

228 100

226 32.6 25.7 38.5

229 24.2 15.2 22.8#



#23

Benzo(b)fluoranthene

Concen: 0.22 ng/ul

RT: 21.62 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

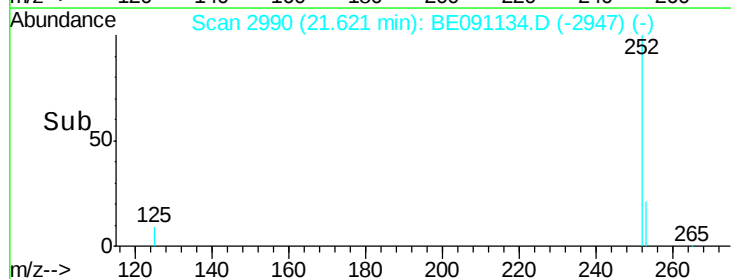
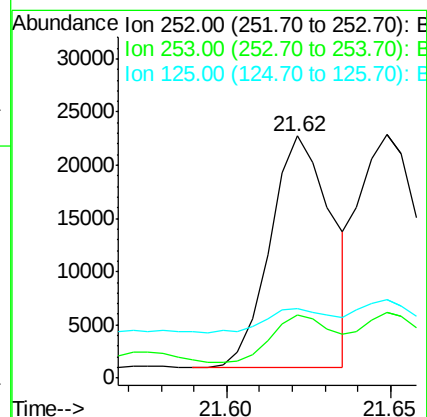
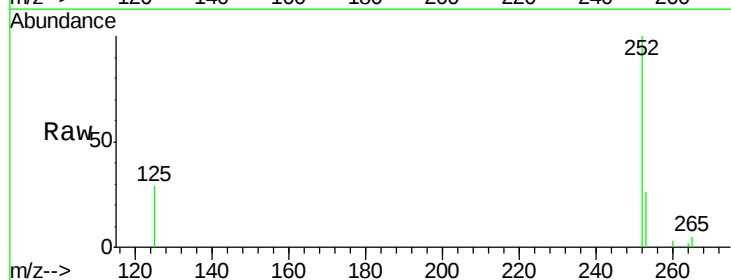
Tgt Ion:252 Resp: 28460

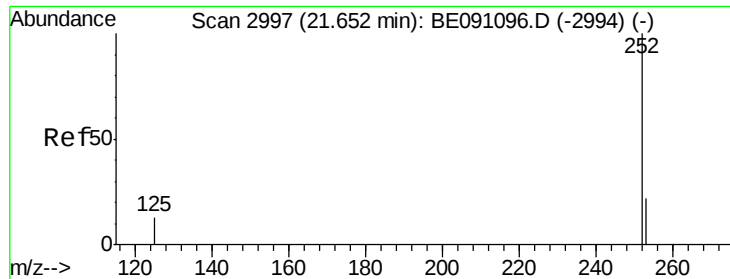
Ion Ratio Lower Upper

252 100

253 26.3 0.0 48.0

125 28.7 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 0.22 ng/ul

RT: 21.65 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

ClientSampleId :

A4HR8

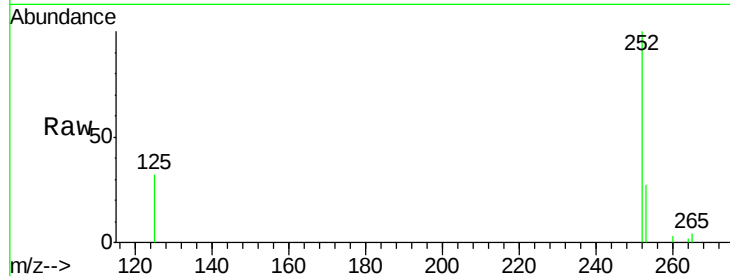
Tgt Ion:252 Resp: 28954

Ion Ratio Lower Upper

252 100

253 27.1 20.8 31.2

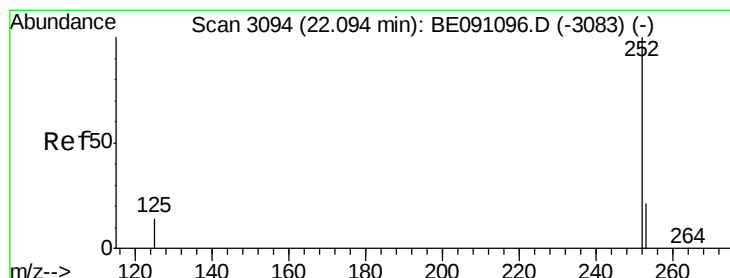
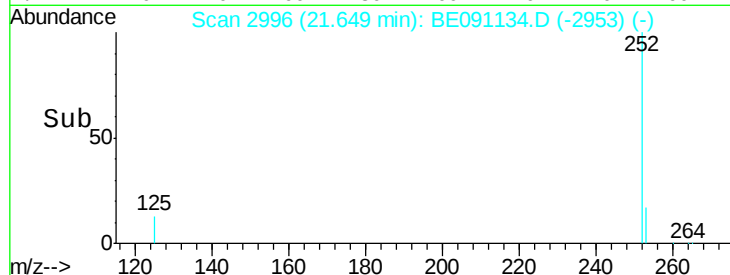
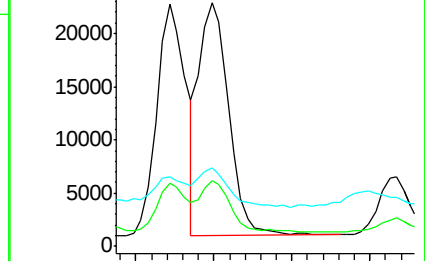
125 32.1 12.2 18.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25

Benzo(a)pyrene

Concen: 0.26 ng/ul

RT: 22.09 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

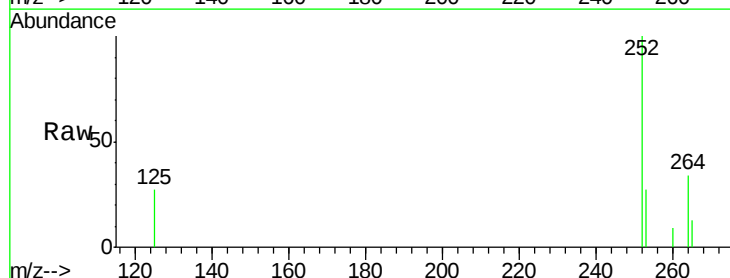
Tgt Ion:252 Resp: 30158

Ion Ratio Lower Upper

252 100

253 27.0 21.8 32.8

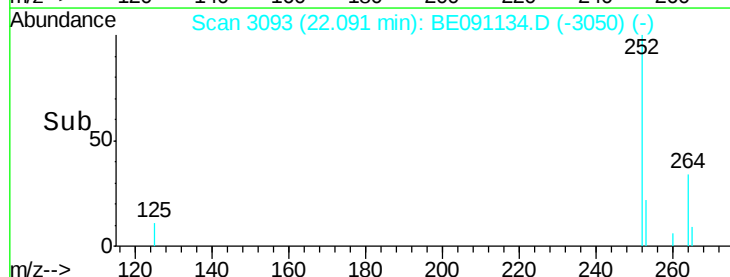
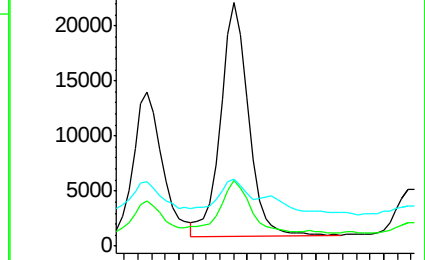
125 27.3 14.5 21.7#

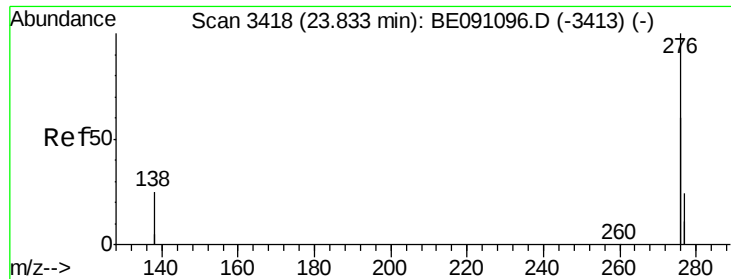


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.16 ng/ul

RT: 23.83 min Scan# 3416

Delta R.T. -0.01 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

ClientSampleId :

A4HR8

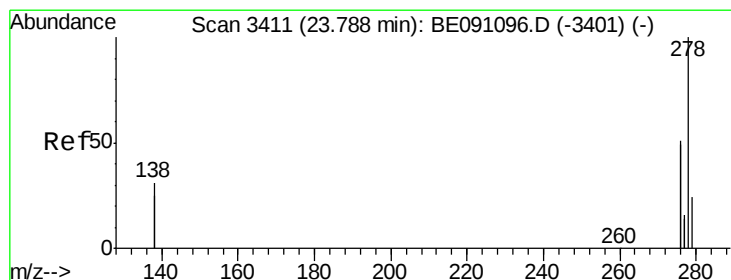
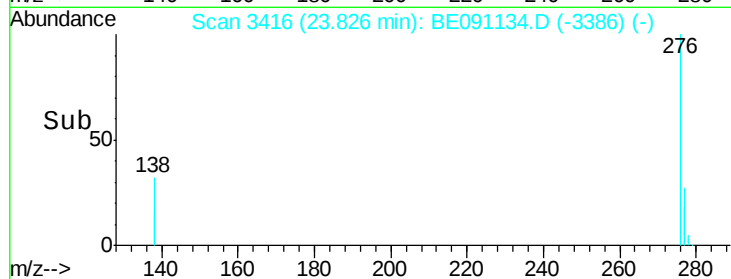
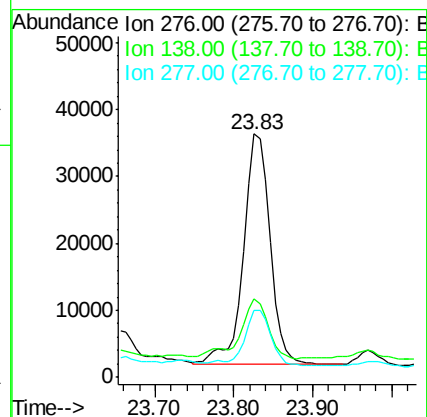
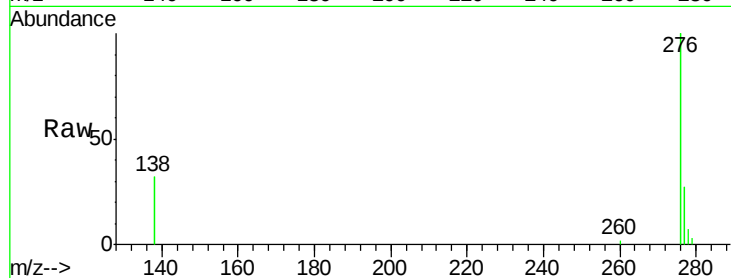
Tgt Ion:276 Resp: 78809

Ion Ratio Lower Upper

276 100

138 23.4 27.5 41.3#

277 24.8 19.3 28.9



#27

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

RT: 23.78 min Scan# 3409

Delta R.T. -0.01 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

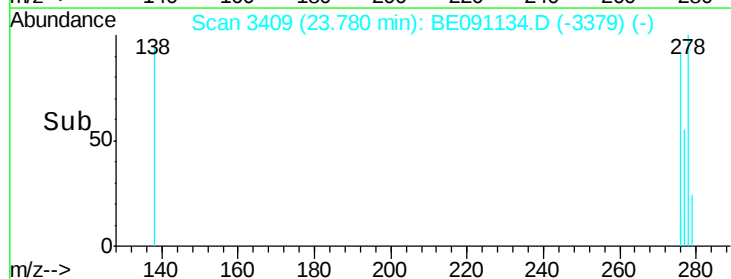
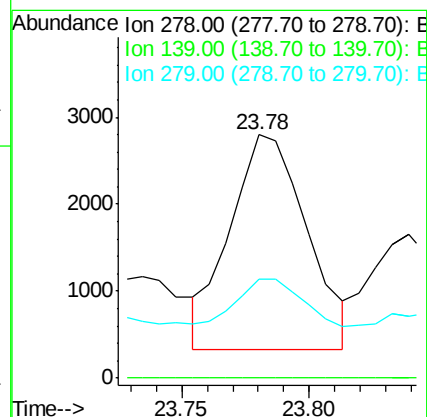
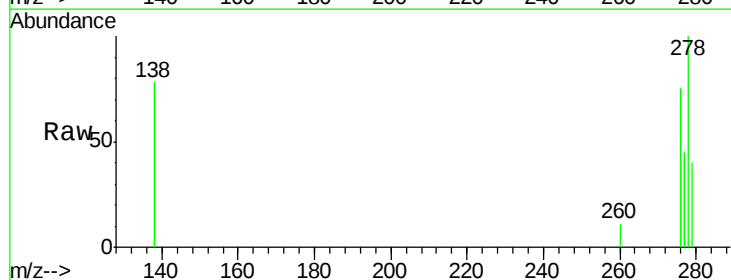
Tgt Ion:278 Resp: 5176

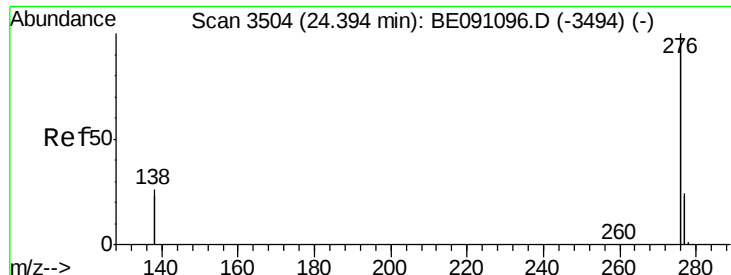
Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

279 40.5 21.9 32.9#





#28

Benzo(g,h,i)perylene

Concen: 0.12 ng/ul

RT: 24.39 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BE091134.D

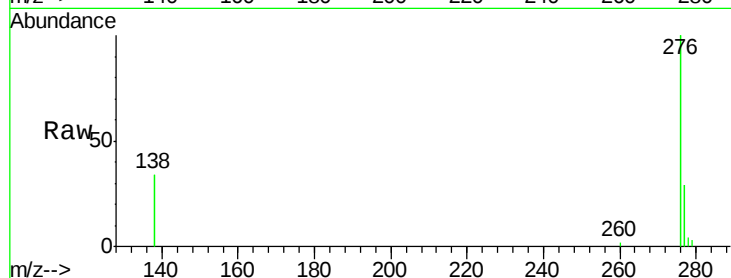
Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

ClientSampleId :

A4HR8



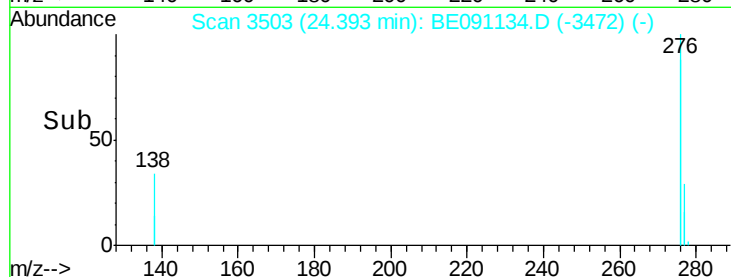
Tgt Ion: 276 Resp: 60305

Ion Ratio Lower Upper

276 100

277 28.7 21.3 31.9

138 34.1 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

