

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091072.D
 Acq On : 5 Nov 2015 18:25
 Operator : UM/NP
 Sample : G4273-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP5

Quant Time: Nov 06 05:44:51 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 06 05:41:57 2015
 Response via : Initial Calibration

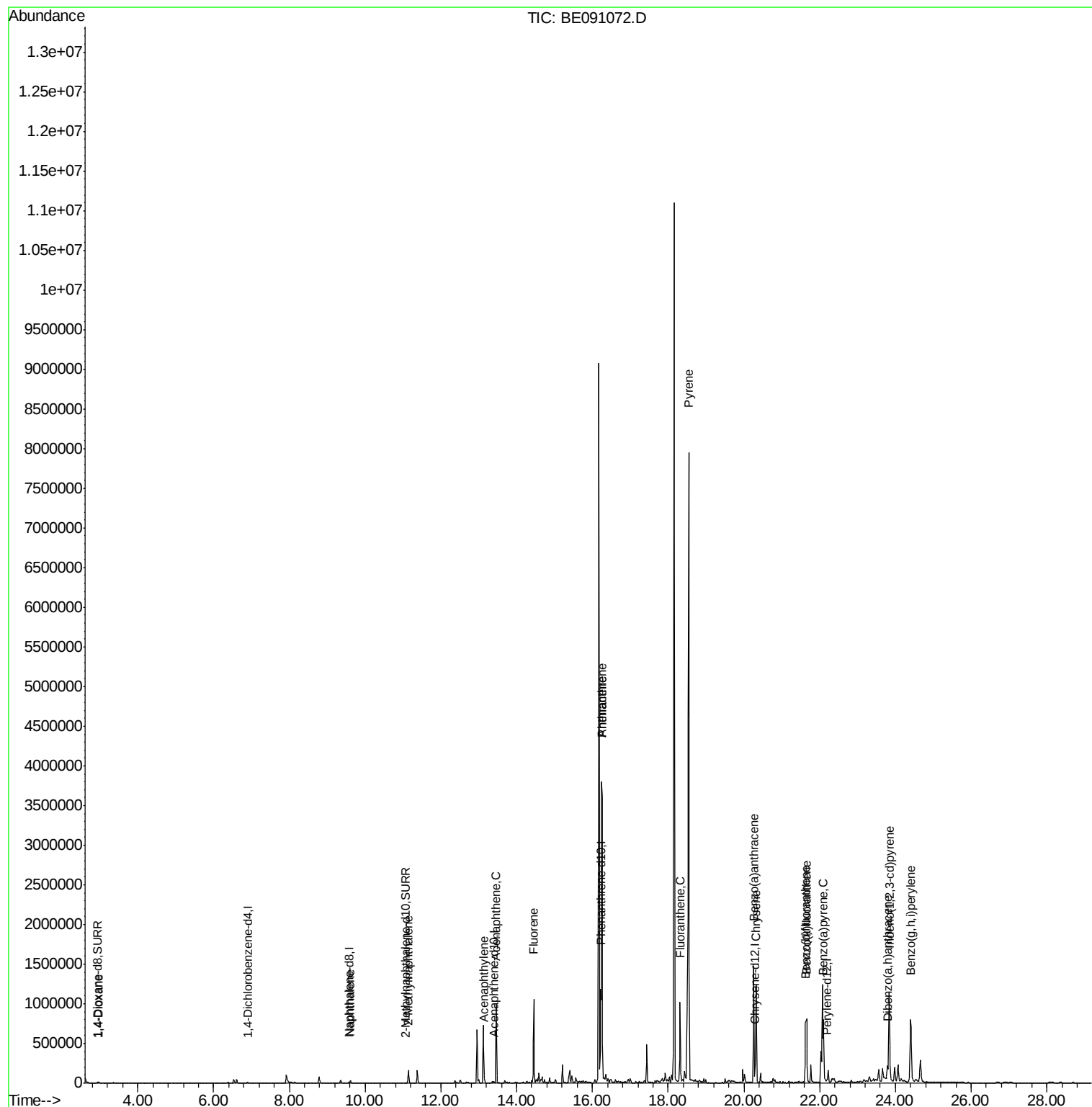
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3729	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	20672	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	12483	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	1150383	0.40	ng/ul	0.09
18) Chrysene-d12	20.29	240	33442	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	41684	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	14449	5.39	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	5362	0.19	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	17564	0.01	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	2.97	88	145	0.05	ng/ul#	24
5) Naphthalene	9.62	128	47584	0.93	ng/ul	98
7) 2-Methylnaphthalene	11.14	142	113036	3.40	ng/ul	98
9) Acenaphthylene	13.14	152	75714	1.21	ng/ul	98
10) Acenaphthene	13.46	153	531005	12.44	ng/ul	93
11) Fluorene	14.45	166	673568	12.28	ng/ul	89
14) Phenanthrene	16.25	178	4439178	0.33	ng/ul	99
15) Anthracene	16.25	178	4413170	0.37	ng/ul	97
17) Fluoranthene	18.32	202	1034374	0.07	ng/ul	88
19) Pyrene	18.54	202	8348999	21.98	ng/ul#	75
20) Benzo(a)anthracene	20.26	228	1143579	13.32	ng/ul	97
21) Chrysene	20.32	228	1052389	10.64	ng/ul	97
23) Benzo(b)fluoranthene	21.63	252	767738	5.90	ng/ul	93
24) Benzo(k)fluoranthene	21.66	252	722186	5.41	ng/ul	96
25) Benzo(a)pyrene	22.10	252	791315	6.60	ng/ul	91
26) Indeno(1,2,3-cd)pyrene	23.84	276	1701018	3.37	ng/ul#	86
27) Dibenzo(a,h)anthracene	23.79	278	141246	1.17	ng/ul#	73
28) Benzo(a,h,i)perylene	24.41	276	1224498	2.31	ng/ul	93

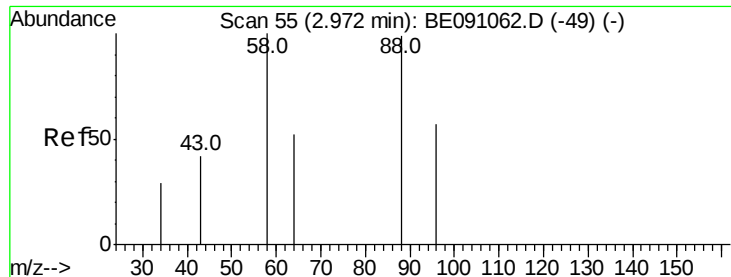
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 05:41:57 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.05 ng/ul

RT: 2.97 min Scan# 55

Delta R.T. -0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Instrument :

BNA_E

ClientSampled :

C0AP5

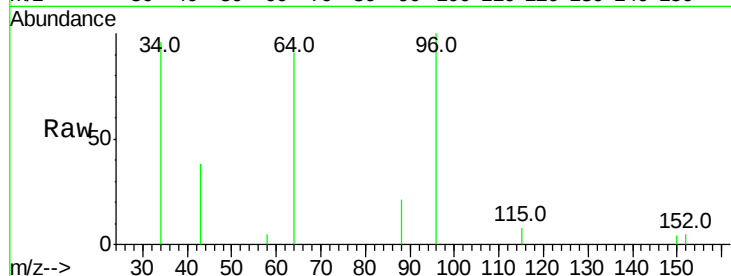
Tot Ion: 88 Resp: 145

Ion Ratio Lower Upper

88 100

58 0.0 55.4 83.2#

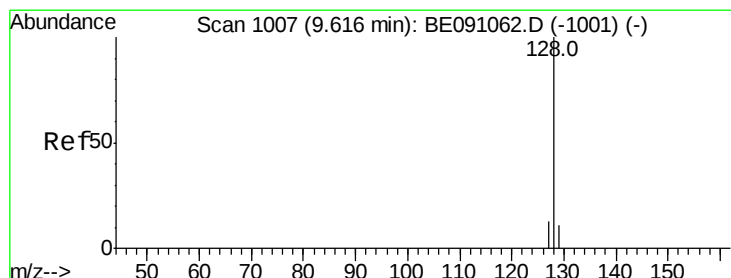
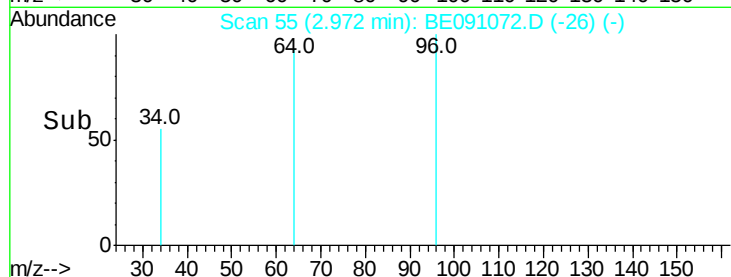
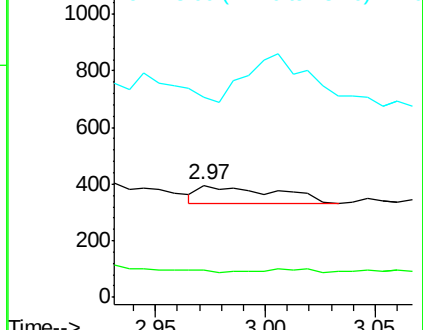
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BE091062.D (-49) (-)

Ion 58.00 (57.70 to 58.70): BE091062.D (-49) (-)

Ion 43.00 (42.70 to 43.70): BE091062.D (-49) (-)



#5

Naphthalene

Concen: 0.93 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

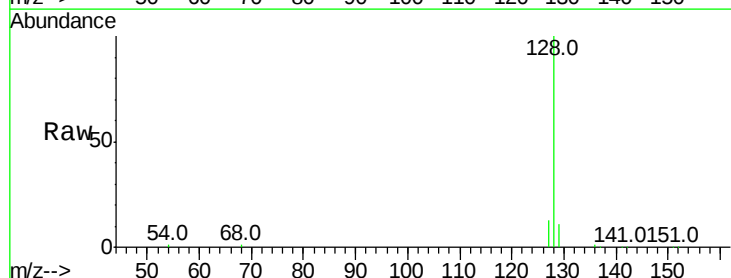
Tgt Ion: 128 Resp: 47584

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

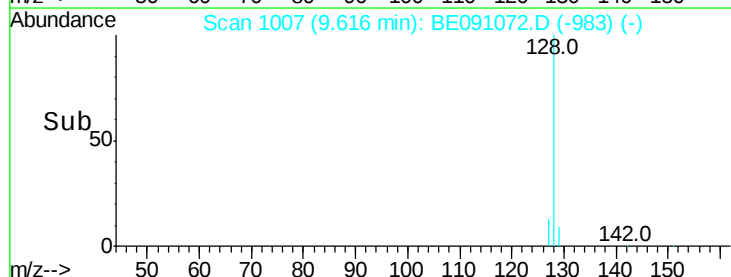
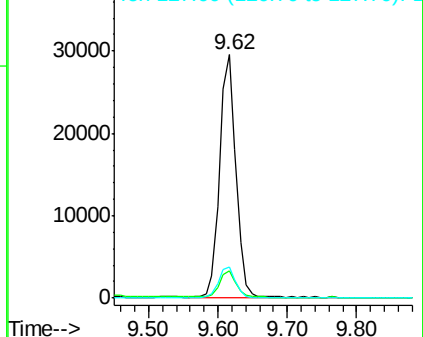
127 12.8 10.7 16.1

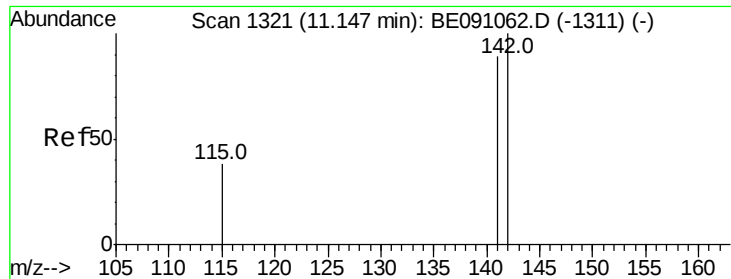


Abundance Ion 128.00 (127.70 to 128.70): BE091062.D (-1001) (-)

Ion 129.00 (128.70 to 129.70): BE091062.D (-1001) (-)

Ion 127.00 (126.70 to 127.70): BE091062.D (-1001) (-)





#7

2-Methylnaphthalene

Concen: 3.40 ng/ul

RT: 11.14 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Instrument :

BNA_E

ClientSampleId :

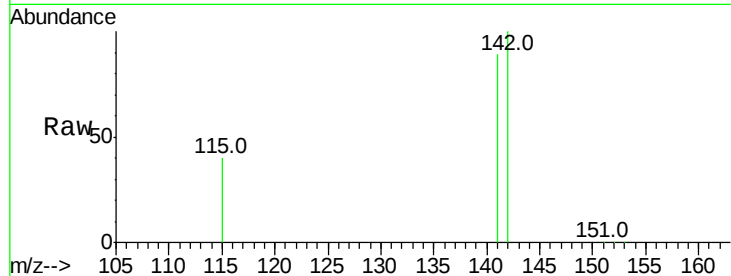
C0AP5

Tot Ion:142 Resp: 113036

Ion Ratio Lower Upper

142 100

141 89.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

80000

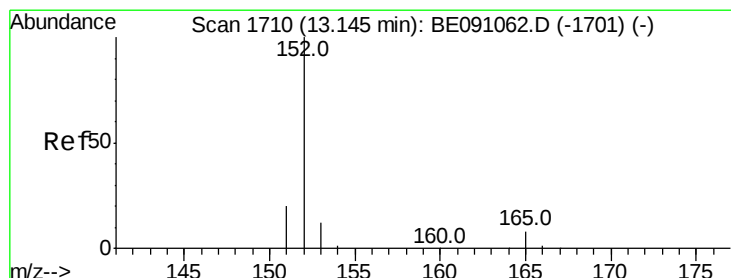
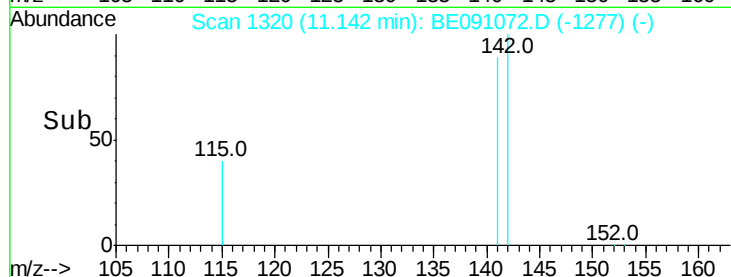
60000

40000

20000

0

Time--> 11.00 11.20



#9

Acenaphthylene

Concen: 1.21 ng/ul

RT: 13.14 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

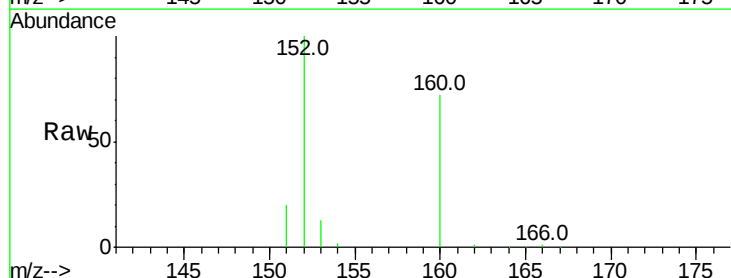
Tgt Ion:152 Resp: 75714

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

153 13.2 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

60000

50000

40000

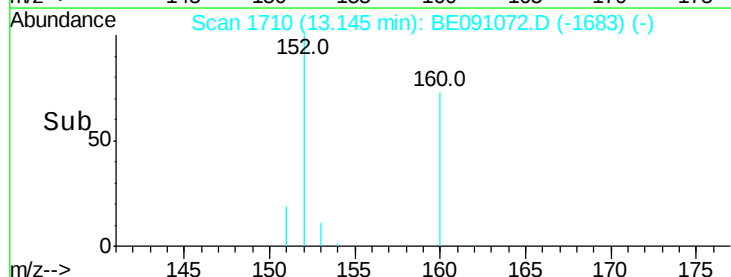
30000

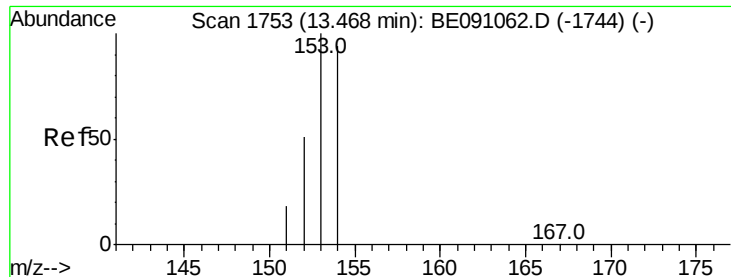
20000

10000

0

Time--> 13.10 13.20 13.30





#10

Acenaphthene

Concen: 12.44 ng/ul

RT: 13.46 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Instrument :

BNA_E

ClientSampleId :

C0AP5

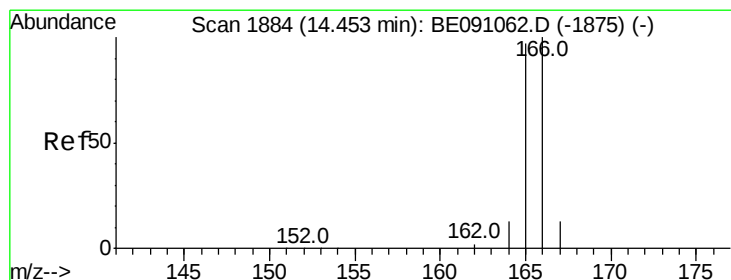
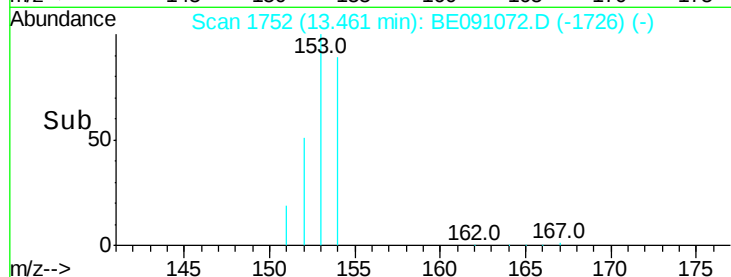
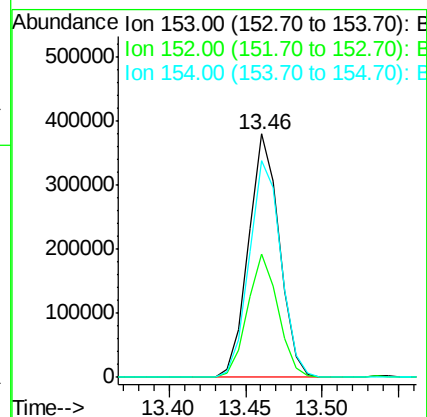
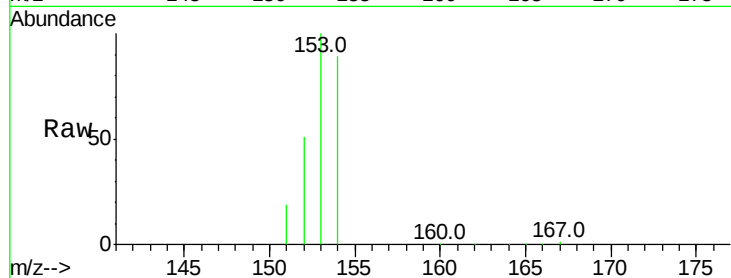
Tot Ion:153 Resp: 531005

Ion Ratio Lower Upper

153 100

152 50.6 42.3 63.5

154 89.2 64.7 97.1



#11

Fluorene

Concen: 12.28 ng/ul

RT: 14.45 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

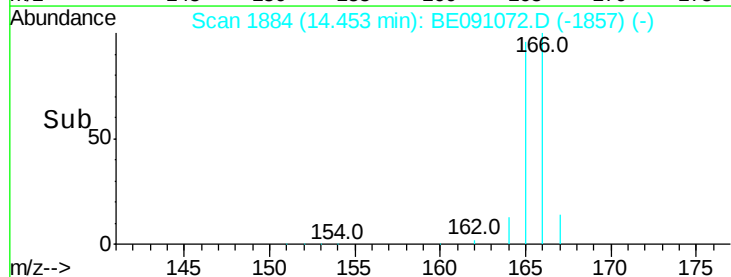
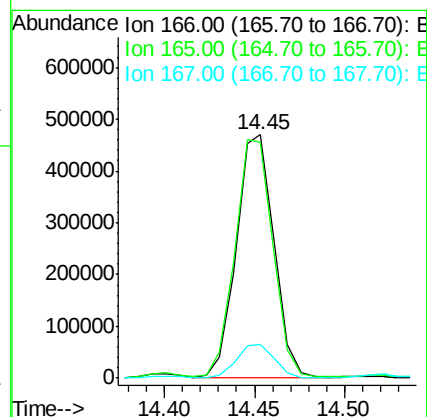
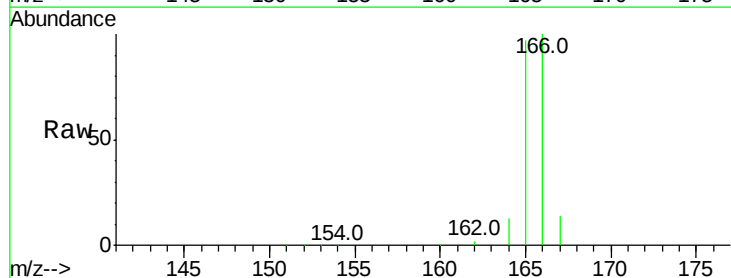
Tgt Ion:166 Resp: 673568

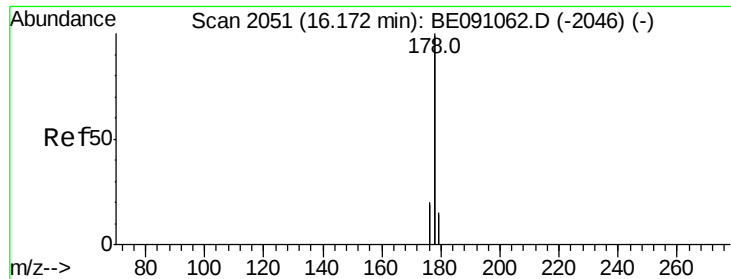
Ion Ratio Lower Upper

166 100

165 96.7 87.6 131.4

167 13.8 11.1 16.7





#14

Phenanthrene

Concen: 0.33 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. 0.07 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Instrument :

BNA_E

ClientSampleId :

C0AP5

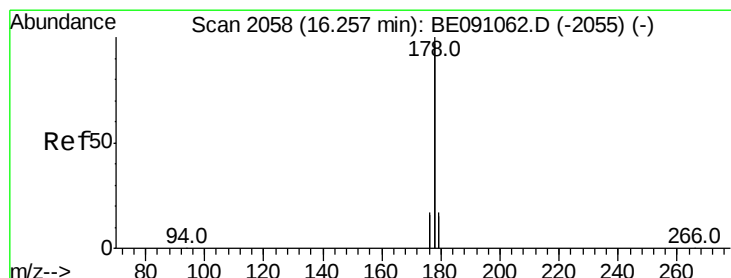
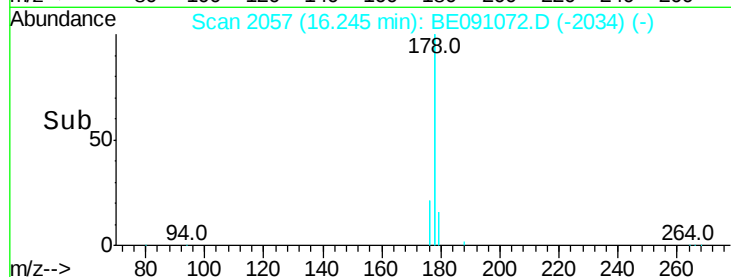
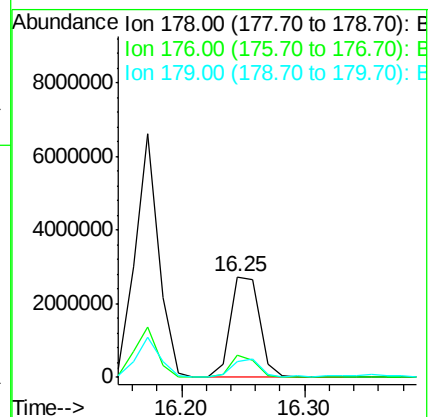
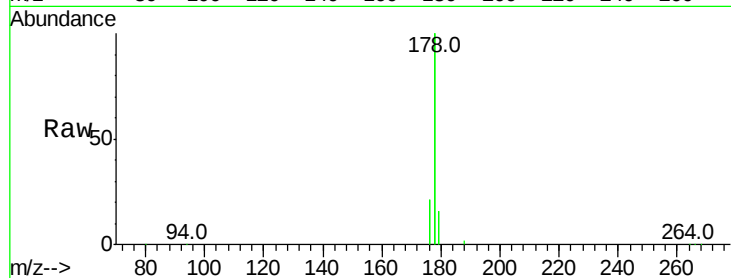
Tot Ion:178 Resp: 4439178

Ion Ratio Lower Upper

178 100

176 21.5 16.2 24.4

179 16.1 12.8 19.2



#15

Anthracene

Concen: 0.37 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

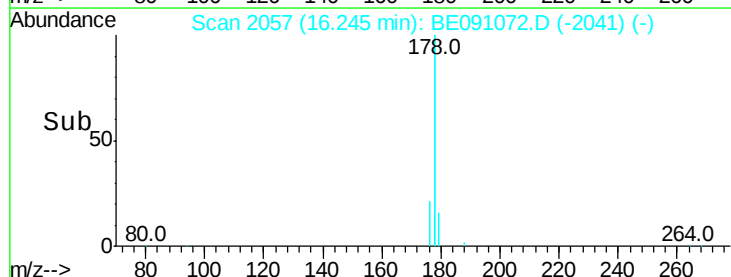
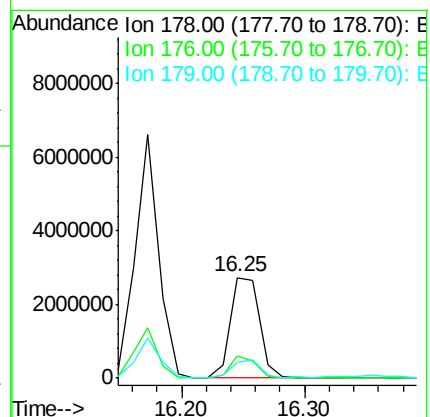
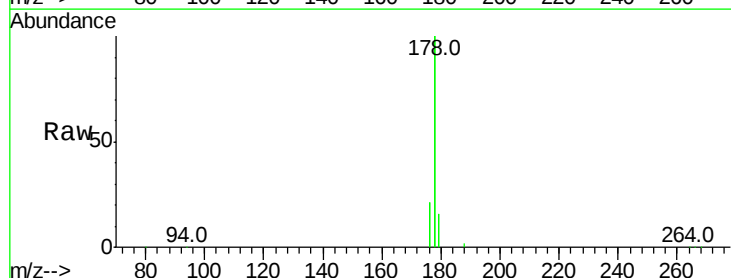
Tgt Ion:178 Resp: 4413170

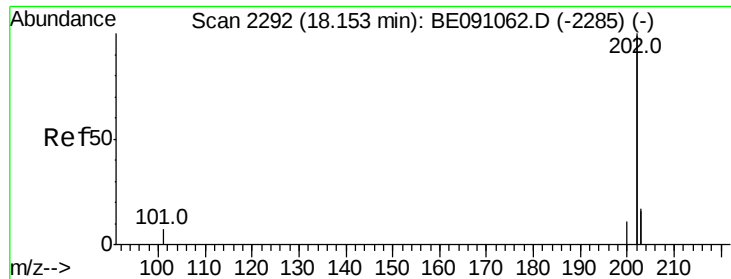
Ion Ratio Lower Upper

178 100

176 21.5 15.8 23.8

179 16.1 13.3 19.9

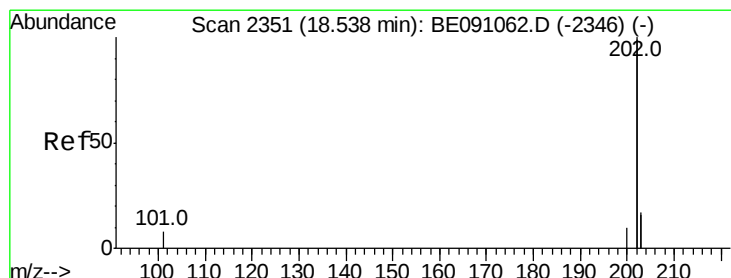
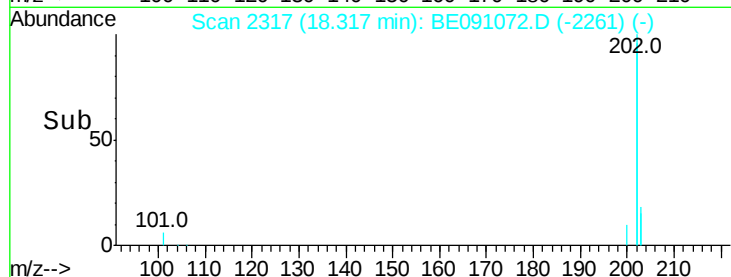
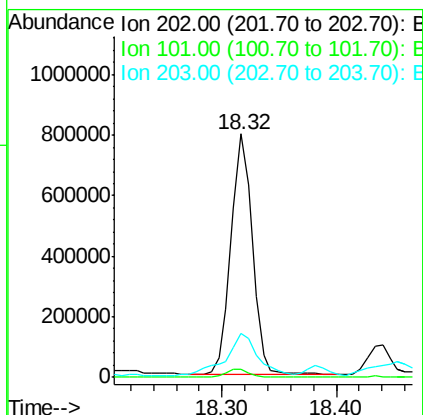
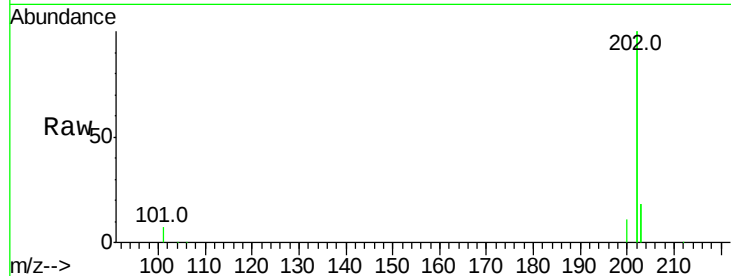




#17
Fluoranthene
Concen: 0.07 ng/ul
RT: 18.32 min Scan# 2317
Delta R.T. 0.16 min
Lab File: BE091072.D
Acq: 5 Nov 2015 18:25

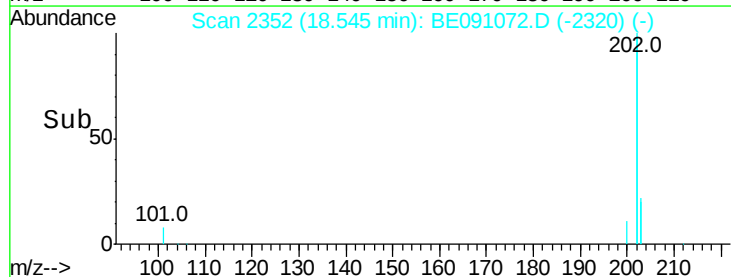
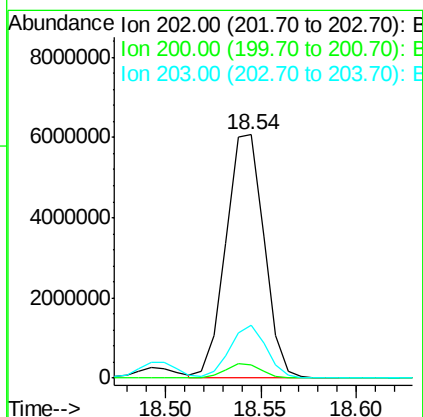
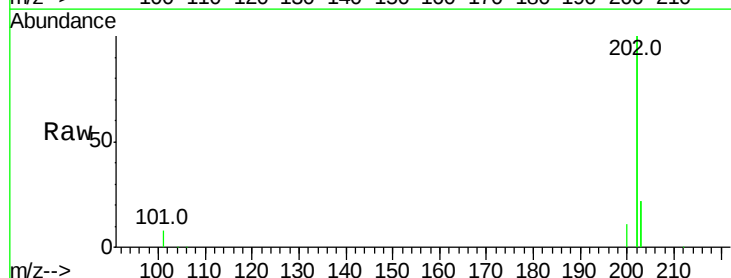
Instrument :
BNA_E
ClientSampleId :
C0AP5

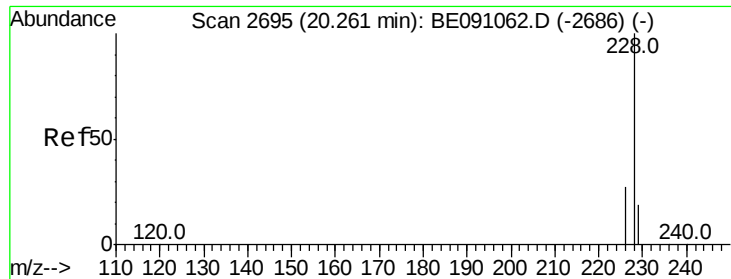
Tot Ion:202 Resp: 1034374
Ion Ratio Lower Upper
202 100
101 3.3 0.0 33.1
203 18.2 0.0 37.2



#19
Pyrene
Concen: 21.98 ng/ul
RT: 18.54 min Scan# 2352
Delta R.T. 0.01 min
Lab File: BE091072.D
Acq: 5 Nov 2015 18:25

Tgt Ion:202 Resp: 8348999
Ion Ratio Lower Upper
202 100
200 5.4 18.0 27.0#
203 21.6 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 13.32 ng/ul

RT: 20.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Instrument :

BNA_E

ClientSampleId :

C0AP5

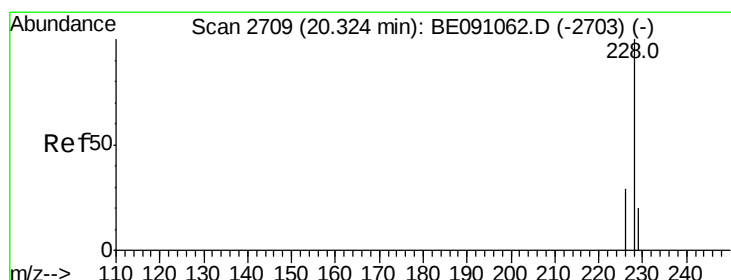
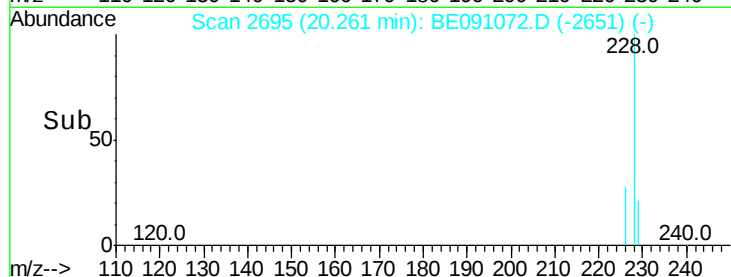
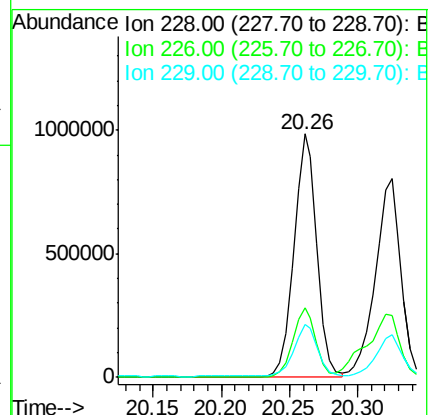
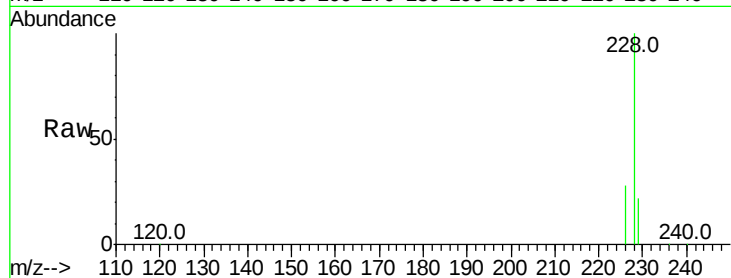
Tot Ion:228 Resp: 1143579

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.4

229 21.7 15.2 22.8



#21

Chrysene

Concen: 10.64 ng/ul

RT: 20.32 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

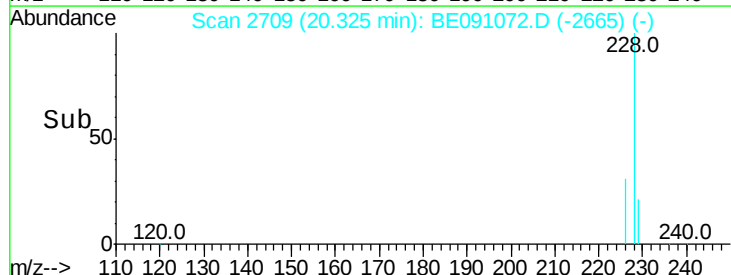
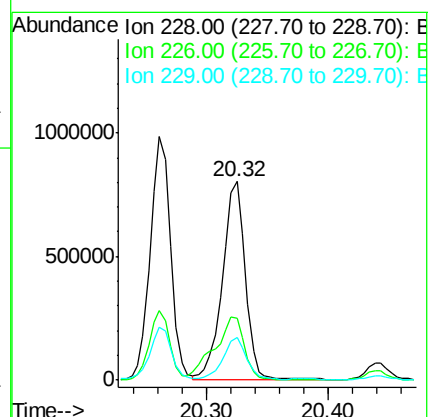
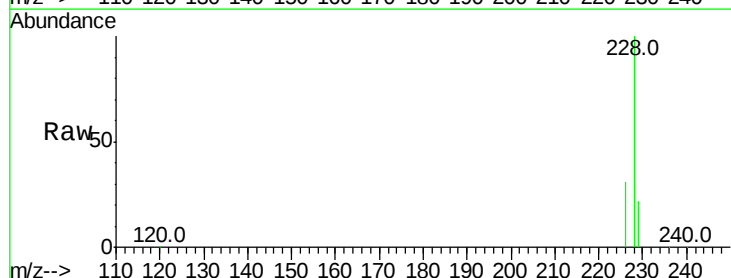
Tgt Ion:228 Resp: 1052389

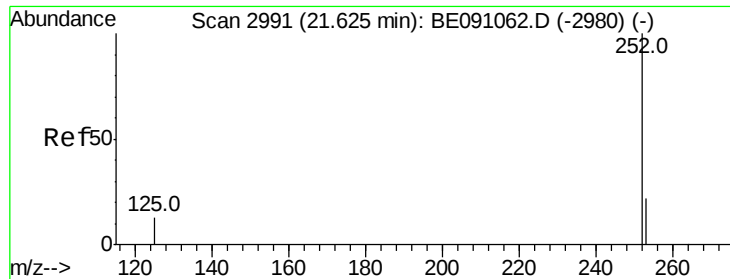
Ion Ratio Lower Upper

228 100

226 31.1 25.7 38.5

229 21.8 15.2 22.8





#23

Benzo(b)fluoranthene

Concen: 5.90 ng/ul

RT: 21.63 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Instrument :

BNA_E

ClientSampleId :

C0AP5

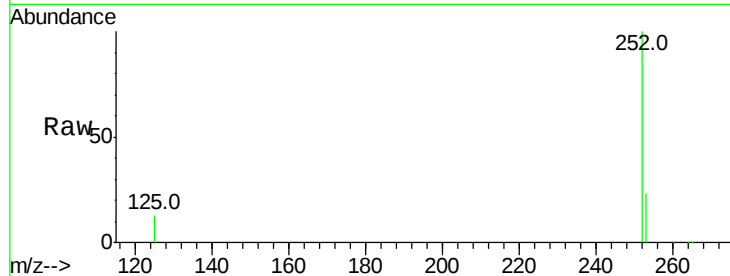
Tot Ion:252 Resp: 767738

Ion Ratio Lower Upper

252 100

253 22.7 0.0 48.0

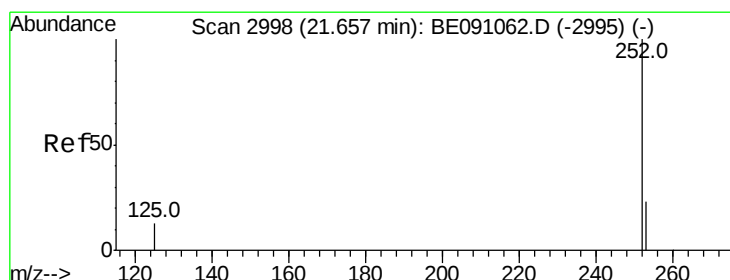
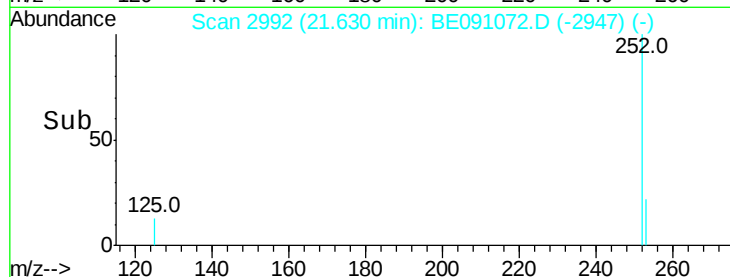
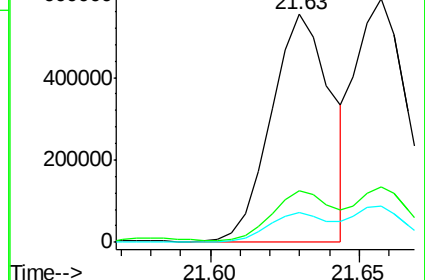
125 13.0 0.0 36.6



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: 5.41 ng/ul

RT: 21.66 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

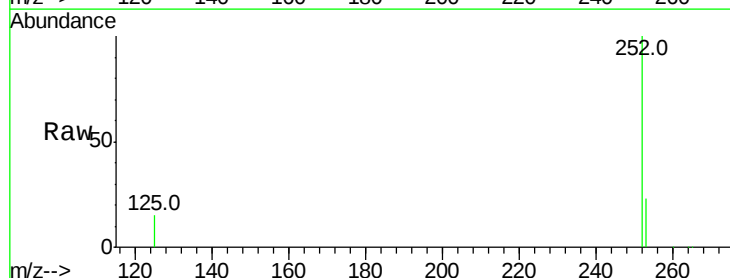
Tgt Ion:252 Resp: 722186

Ion Ratio Lower Upper

252 100

253 22.8 20.8 31.2

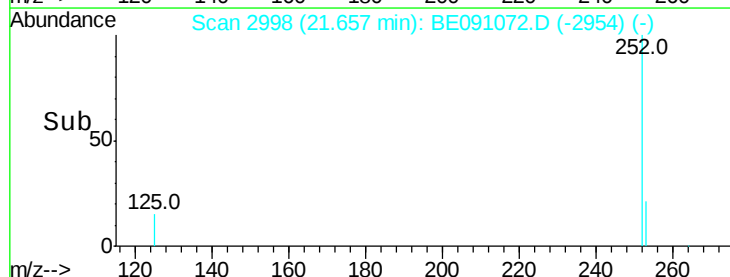
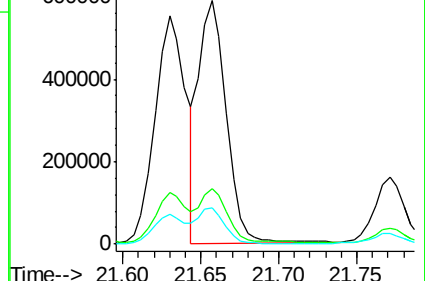
125 14.8 12.2 18.4

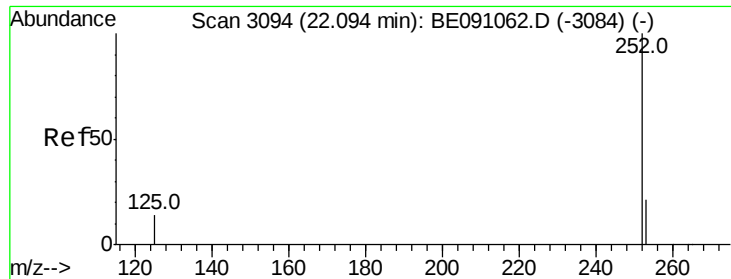


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 6.60 ng/ul

RT: 22.10 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Instrument :

BNA_E

ClientSampleId :

C0AP5

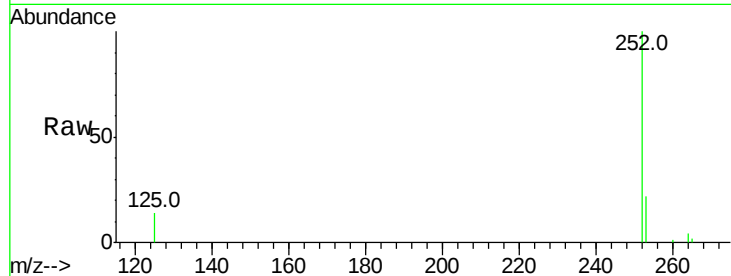
Tot Ion:252 Resp: 791315

Ion Ratio Lower Upper

252 100

253 22.1 21.8 32.8

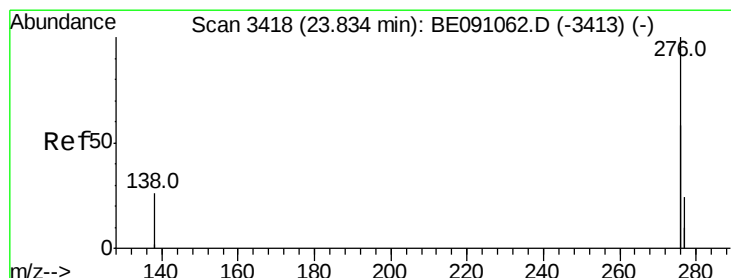
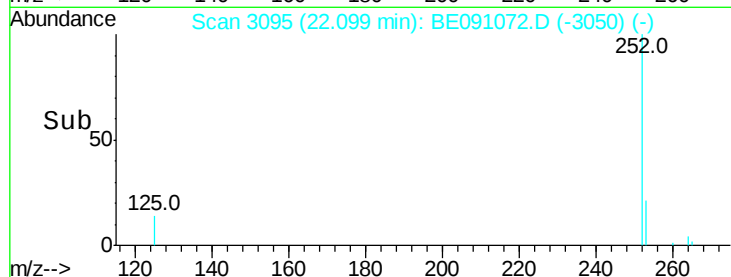
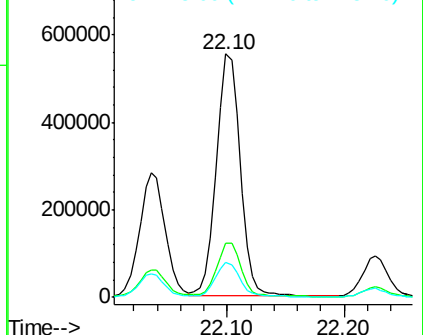
125 14.5 14.5 21.7



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: 3.37 ng/ul

RT: 23.84 min Scan# 3418

Delta R.T. 0.01 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

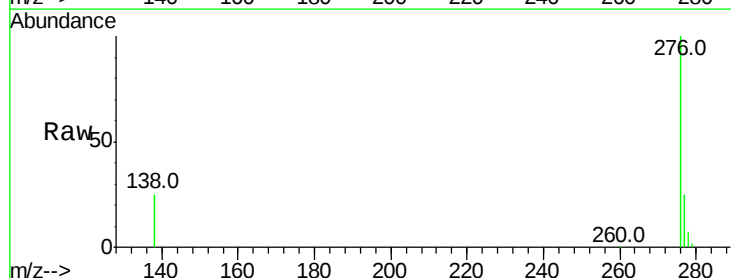
Tgt Ion:276 Resp: 1701018

Ion Ratio Lower Upper

276 100

138 22.0 27.5 41.3#

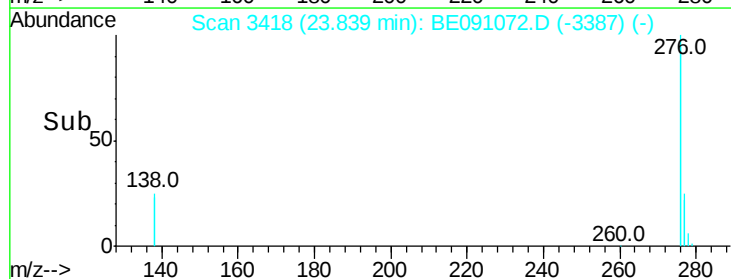
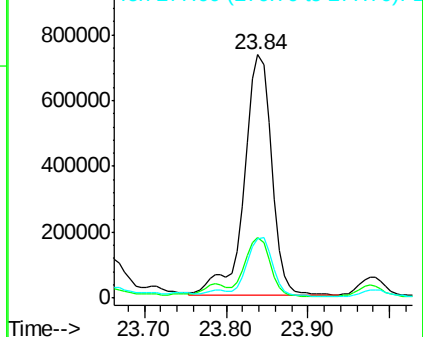
277 22.6 19.3 28.9

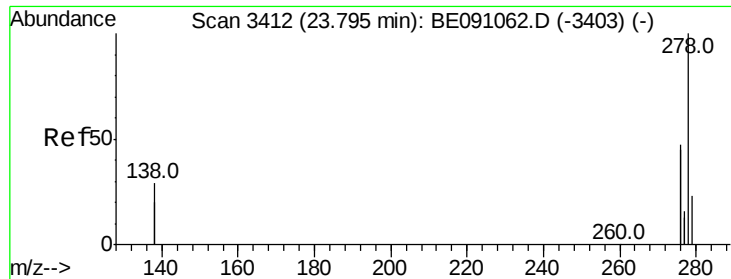


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

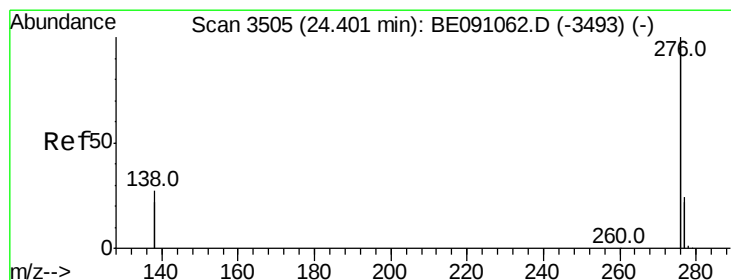
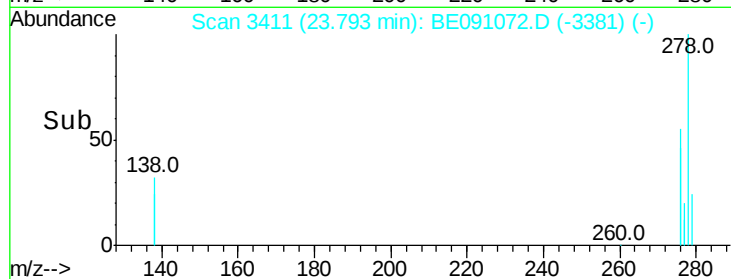
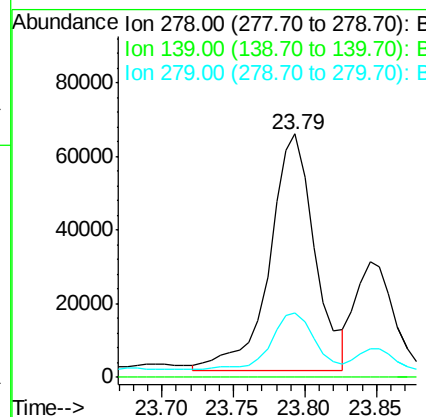
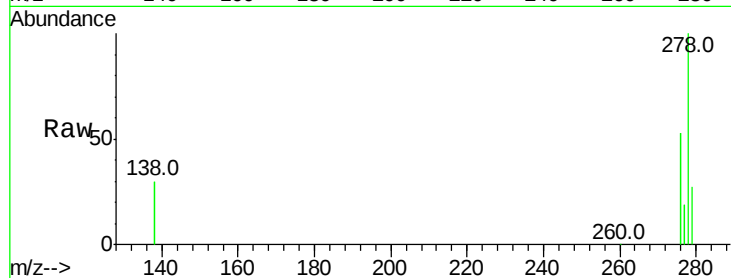




#27
Dibenzo(a,h)anthracene
Concen: 1.17 ng/ul
RT: 23.79 min Scan# 3411
Delta R.T. -0.00 min
Lab File: BE091072.D
Acq: 5 Nov 2015 18:25

Instrument :
BNA_E
ClientSampleId :
C0AP5

Tot Ion:278 Resp: 141246
Ion Ratio Lower Upper
278 100
139 0.0 21.7 32.5#
279 26.6 21.9 32.9



#28
Benzo(g,h,i)perylene
Concen: 2.31 ng/ul
RT: 24.41 min Scan# 3505
Delta R.T. 0.01 min
Lab File: BE091072.D
Acq: 5 Nov 2015 18:25

Tgt Ion:276 Resp: 1224498
Ion Ratio Lower Upper
276 100
277 24.9 21.3 31.9
138 25.9 25.5 38.3

