

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091071.D
 Acq On : 5 Nov 2015 17:49
 Operator : UM/NP
 Sample : G4273-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP4

Quant Time: Nov 06 05:44:41 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

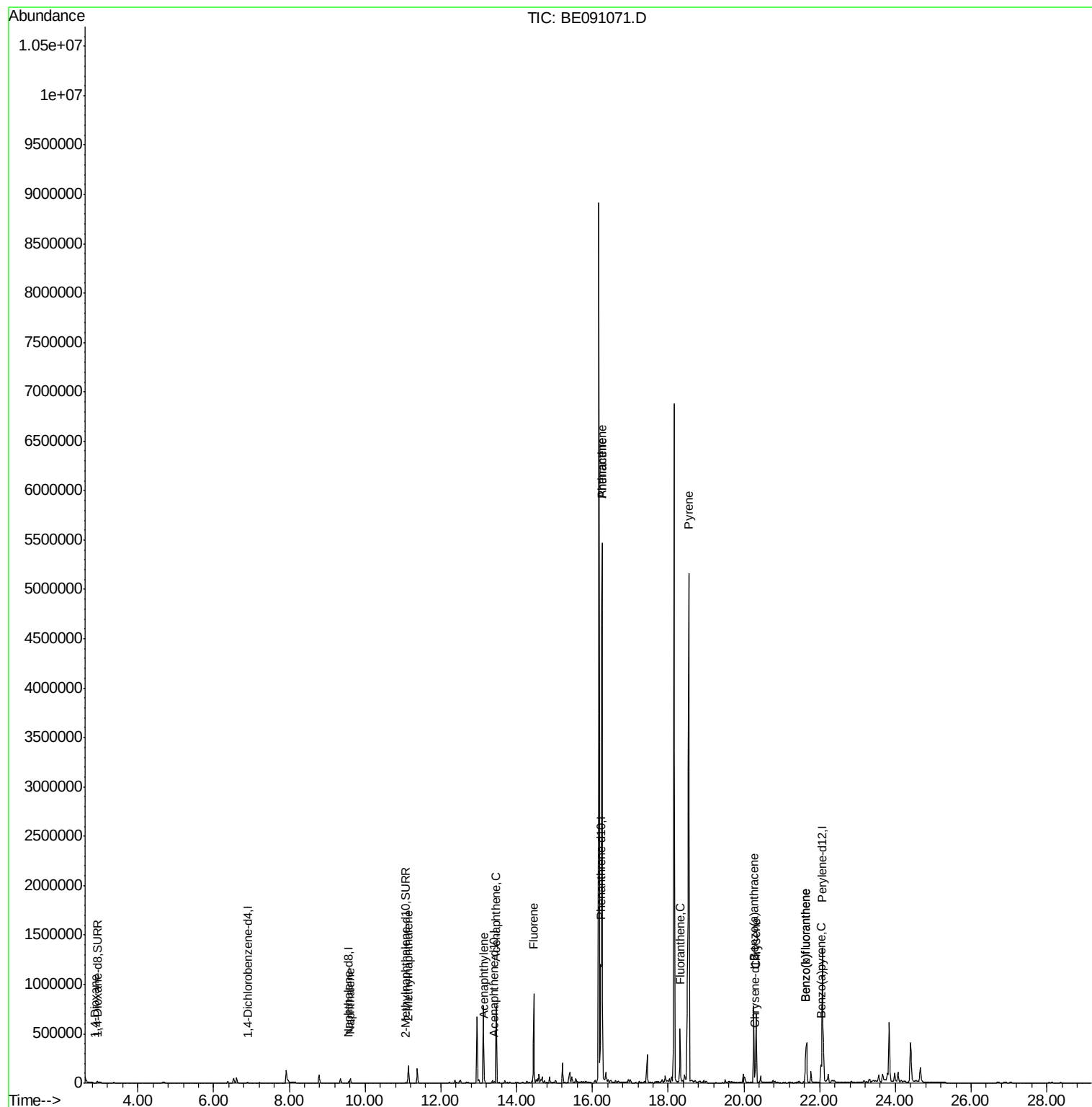
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3276	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	17590	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	10857	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	1226031	0.40	ng/ul	0.08
18) Chrysene-d12	20.29	240	31275	0.40	ng/ul	0.00
22) Perylene-d12	22.07	264	1434427	0.40	ng/ul	-0.12
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	16576	7.03	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	5624	0.23	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	18185	0.01	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	2.88	88	793	0.30	ng/ul#	24
5) Naphthalene	9.62	128	62855	1.45	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	123271	4.36	ng/ul	99
9) Acenaphthylene	13.14	152	44287	0.82	ng/ul	98
10) Acenaphthene	13.46	153	431910	11.63	ng/ul	92
11) Fluorene	14.45	166	556604	11.67	ng/ul	89
14) Phenanthrene	16.26	178	6110427	0.43	ng/ul	95
15) Anthracene	16.26	178	6094232	0.47	ng/ul	96
17) Fluoranthene	18.32	202	552137	0.03	ng/ul	89
19) Pyrene	18.54	202	5298883	14.91	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	616301	7.67	ng/ul	97
21) Chrysene	20.32	228	598842	6.47	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	379480	0.08	ng/ul	93
24) Benzo(k)fluoranthene	21.63	252	379480	0.08	ng/ul	94
25) Benzo(a)pyrene	22.04	252	219779	0.05	ng/ul	94

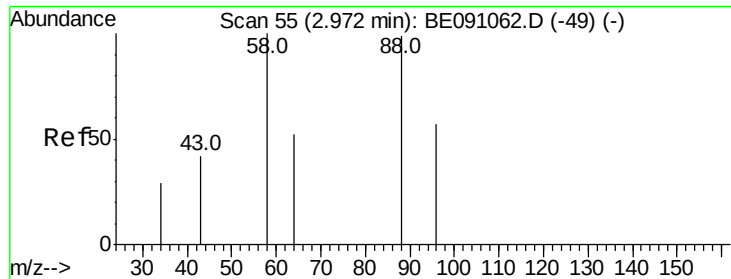
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 06 05:41:57 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.30 ng/ul

RT: 2.88 min Scan# 41

Delta R.T. -0.10 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

Instrument :

BNA_E

ClientSampleId :

C0AP4

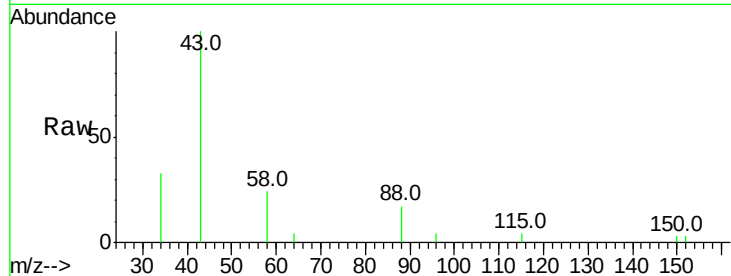
Tot Ion: 88 Resp: 793

Ion Ratio Lower Upper

88 100

58 0.0 55.4 83.2#

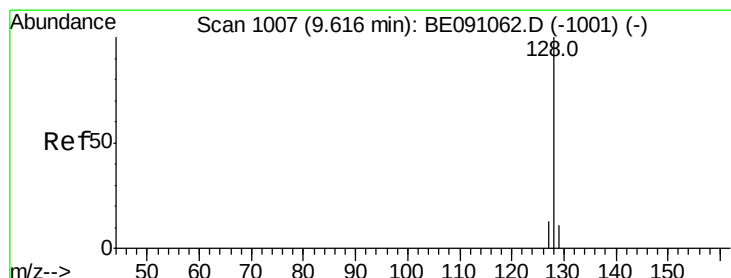
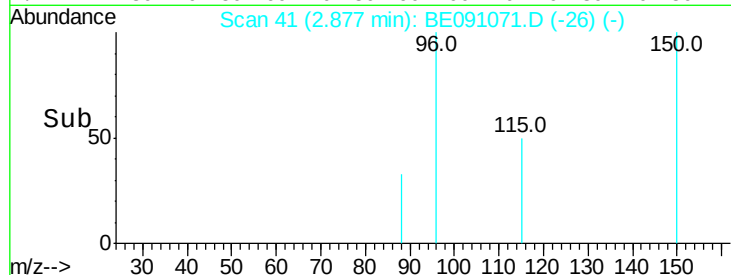
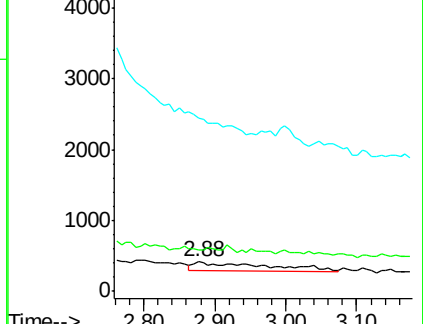
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



#5

Naphthalene

Concen: 1.45 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

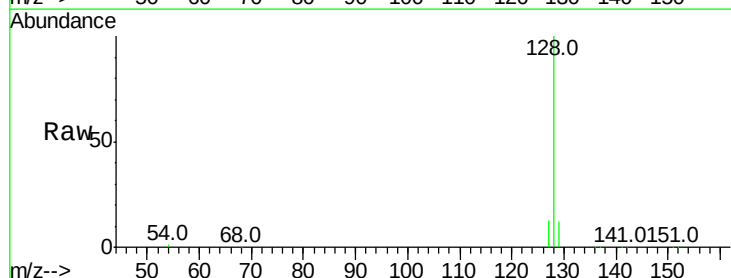
Tgt Ion:128 Resp: 62855

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.8

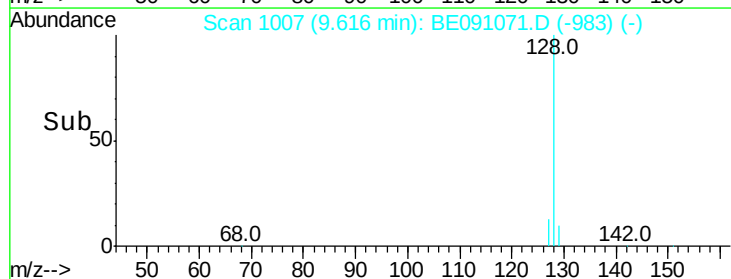
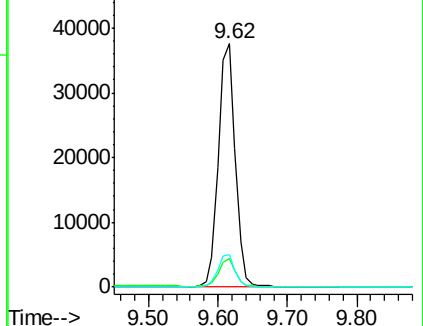
127 13.1 10.7 16.1

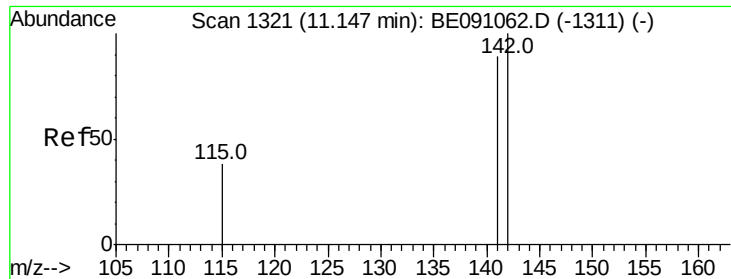


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#7

2-Methylnaphthalene

Concen: 4.36 ng/ul

RT: 11.14 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

Instrument :

BNA_E

ClientSampleId :

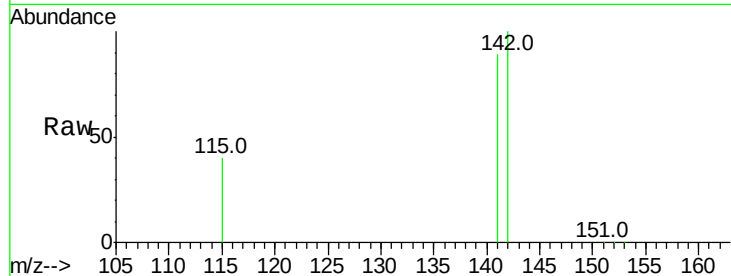
C0AP4

Tot Ion:142 Resp: 123271

Ion Ratio Lower Upper

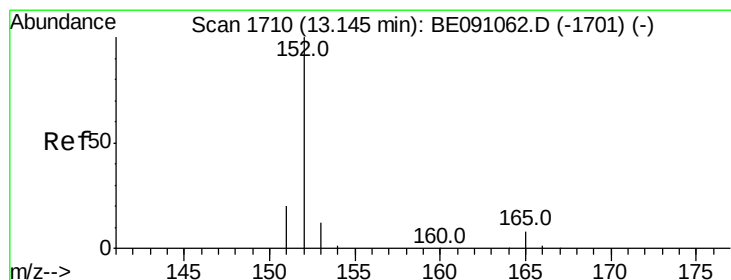
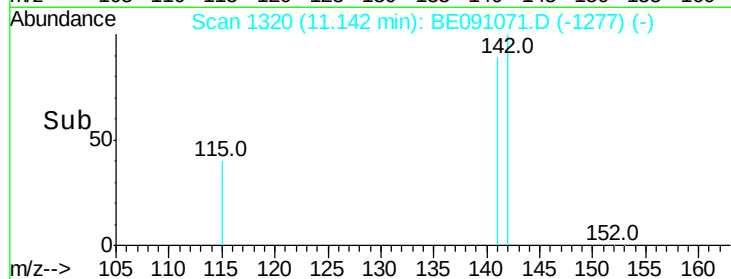
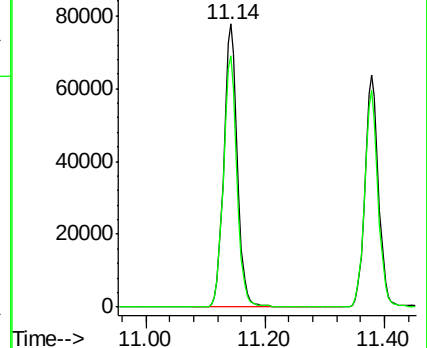
142 100

141 89.0 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: 0.82 ng/ul

RT: 13.14 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

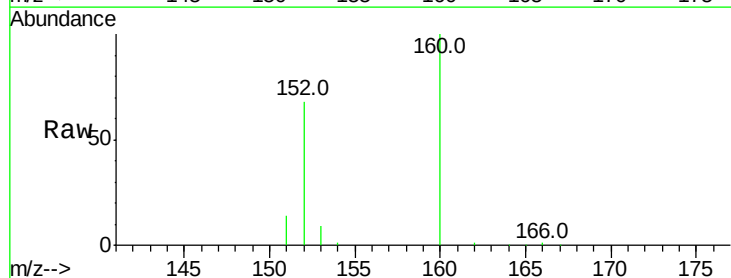
Tgt Ion:152 Resp: 44287

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

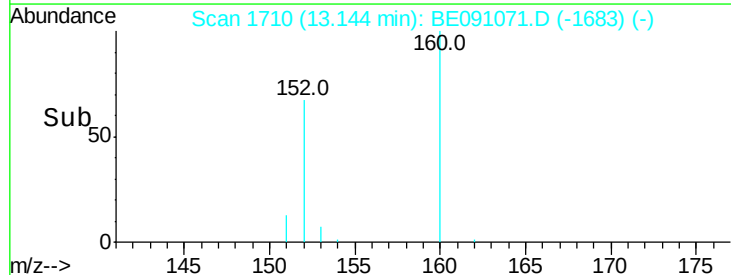
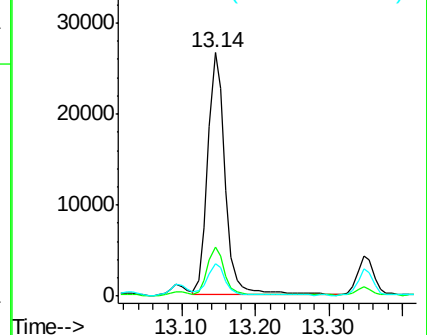
153 13.3 11.3 16.9

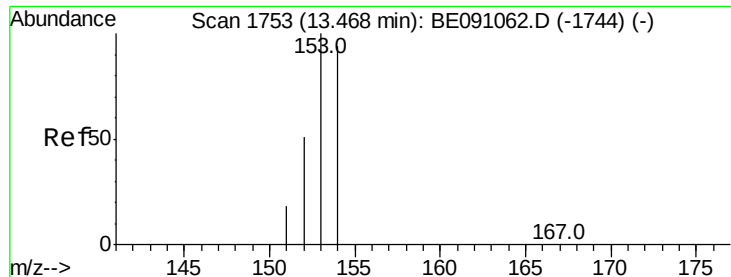


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 11.63 ng/ul

RT: 13.46 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

Instrument :

BNA_E

ClientSampleId :

C0AP4

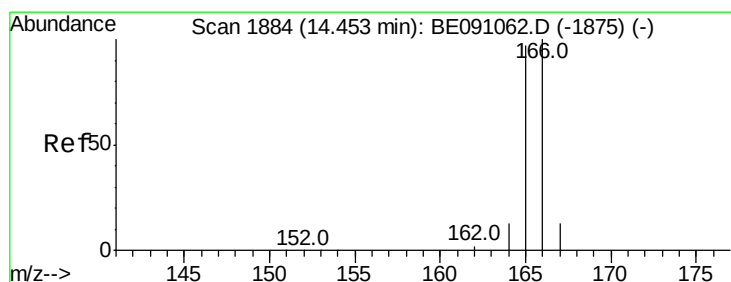
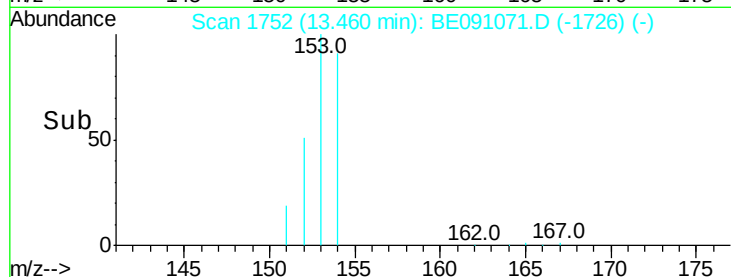
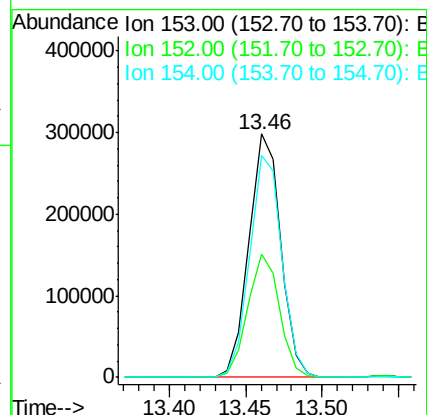
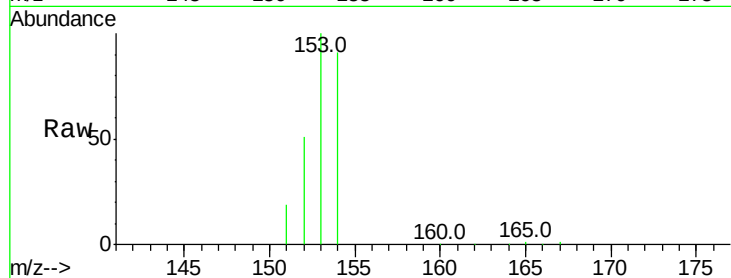
Tot Ion:153 Resp: 431910

Ion Ratio Lower Upper

153 100

152 50.8 42.3 63.5

154 91.2 64.7 97.1



#11

Fluorene

Concen: 11.67 ng/ul

RT: 14.45 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

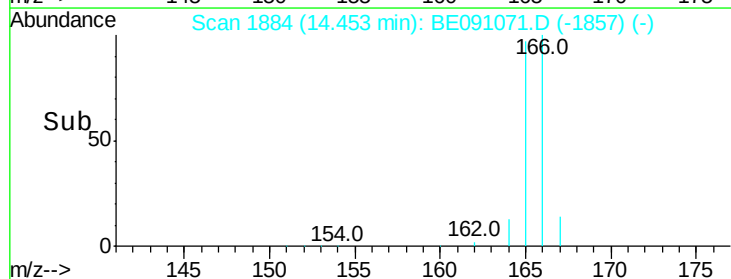
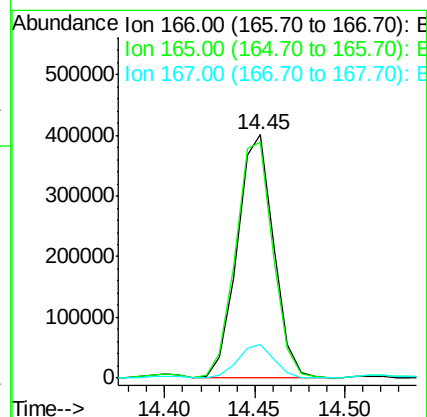
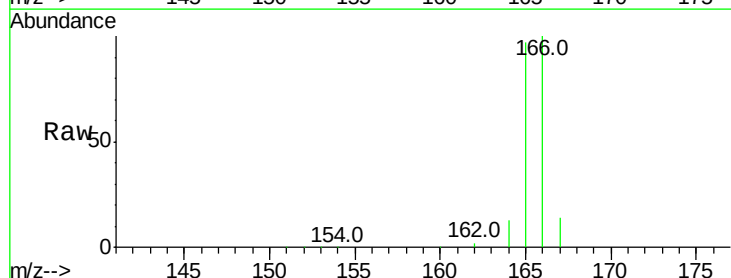
Tgt Ion:166 Resp: 556604

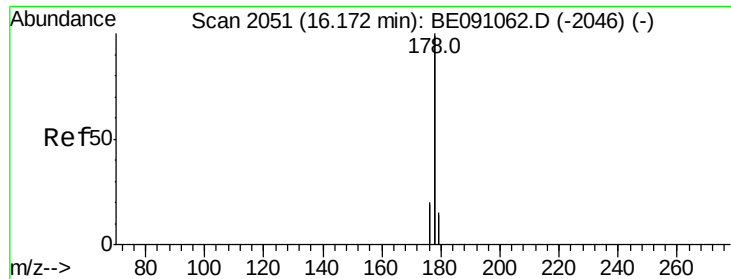
Ion Ratio Lower Upper

166 100

165 96.7 87.6 131.4

167 13.7 11.1 16.7





#14

Phenanthrene

Concen: 0.43 ng/ul

RT: 16.26 min Scan# 2058

Delta R.T. 0.08 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

Instrument :

BNA_E

ClientSampleId :

C0AP4

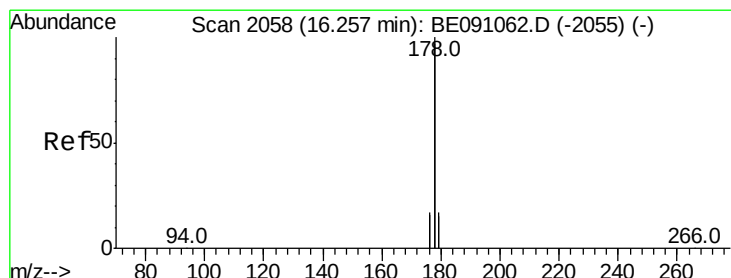
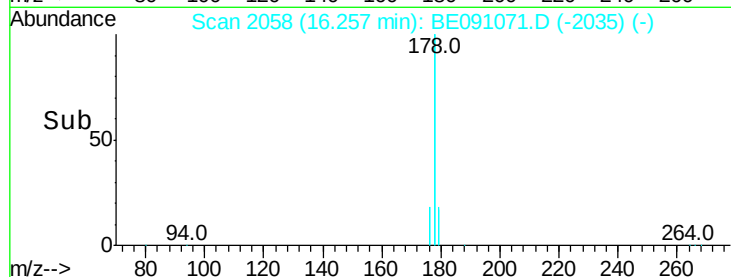
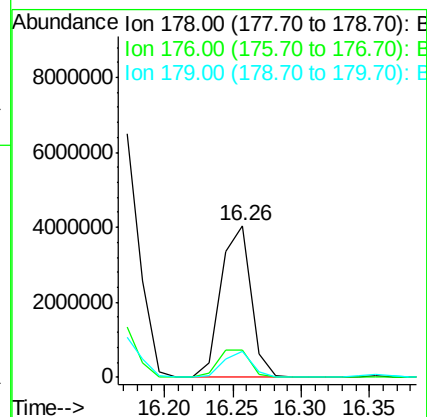
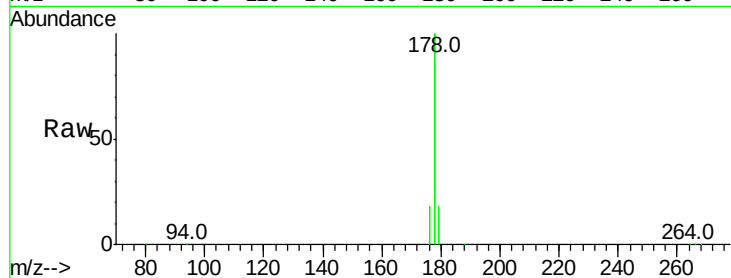
Tot Ion:178 Resp: 6110427

Ion Ratio Lower Upper

178 100

176 17.7 16.2 24.4

179 17.6 12.8 19.2



#15

Anthracene

Concen: 0.47 ng/ul

RT: 16.26 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

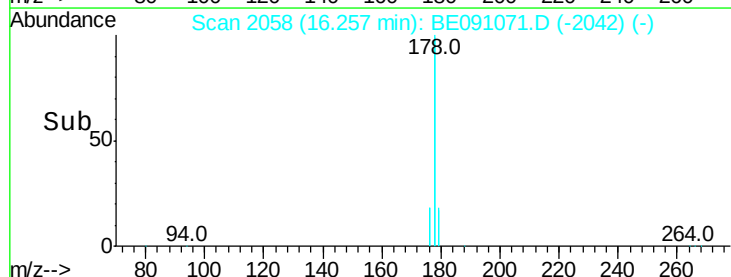
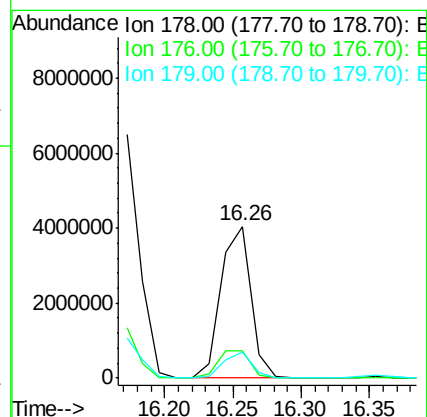
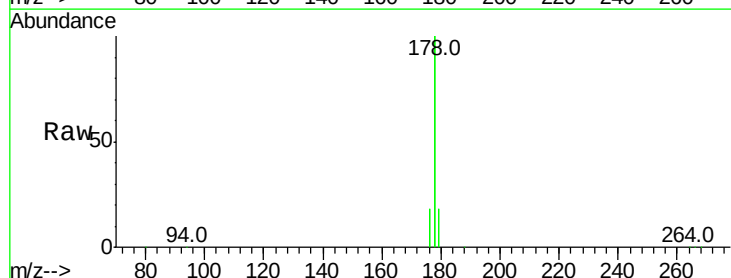
Tgt Ion:178 Resp: 6094232

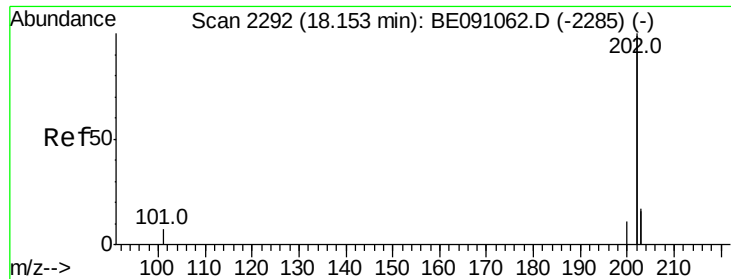
Ion Ratio Lower Upper

178 100

176 17.7 15.8 23.8

179 17.6 13.3 19.9

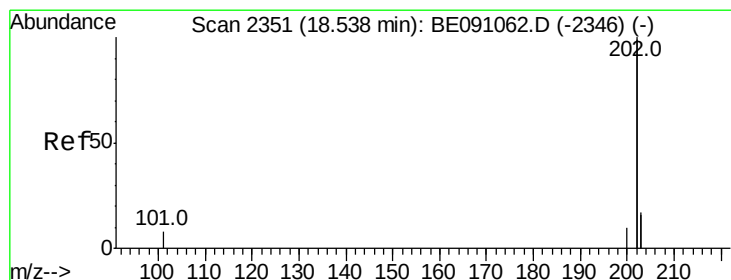
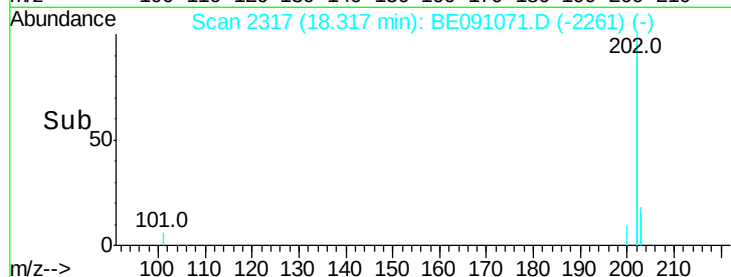
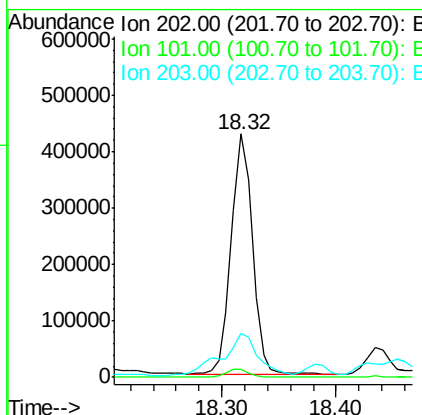
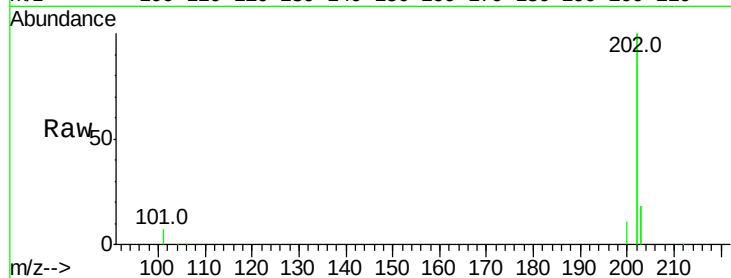




#17
Fluoranthene
 Concen: 0.03 ng/ul
 RT: 18.32 min Scan# 2317
 Delta R.T. 0.16 min
 Lab File: BE091071.D
 Acq: 5 Nov 2015 17:49

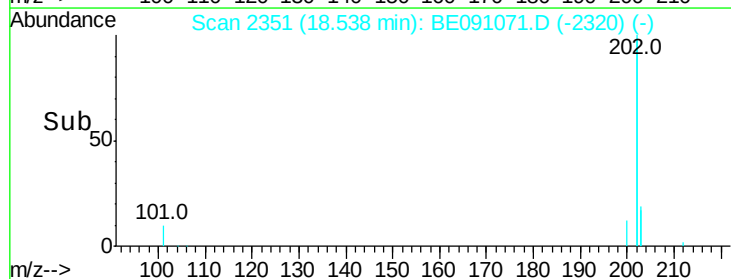
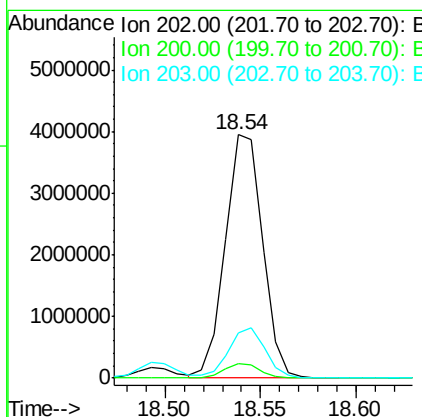
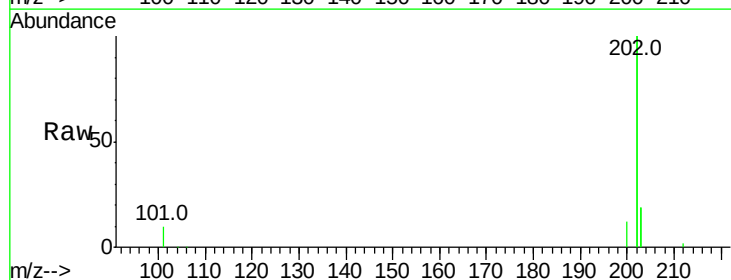
Instrument :
 BNA_E
 ClientSampleId :
 C0AP4

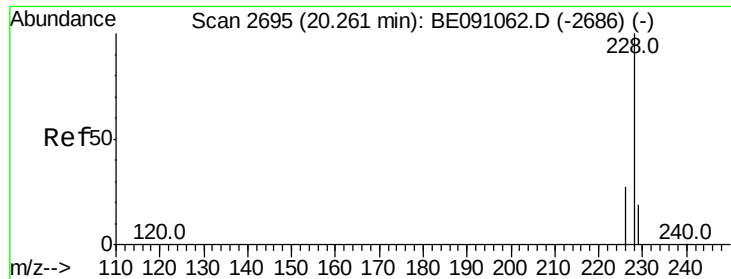
Tot Ion	Ratio	Lower	Upper
202	100		
101	3.4	0.0	33.1
203	17.9	0.0	37.2



#19
Pyrene
 Concen: 14.91 ng/ul
 RT: 18.54 min Scan# 2351
 Delta R.T. 0.00 min
 Lab File: BE091071.D
 Acq: 5 Nov 2015 17:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.9	18.0	27.0#
203	18.7	13.8	20.6





#20

Benzo(a)anthracene

Concen: 7.67 ng/ul

RT: 20.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

Instrument :

BNA_E

ClientSampleId :

C0AP4

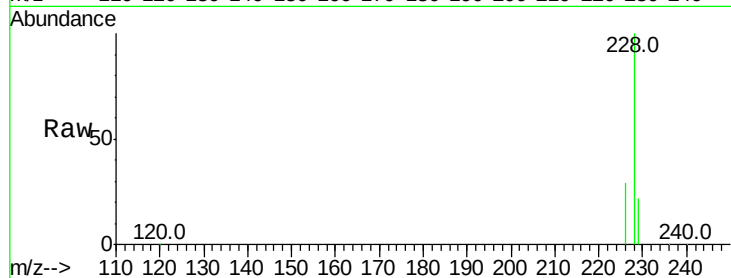
Tot Ion:228 Resp: 616301

Ion Ratio Lower Upper

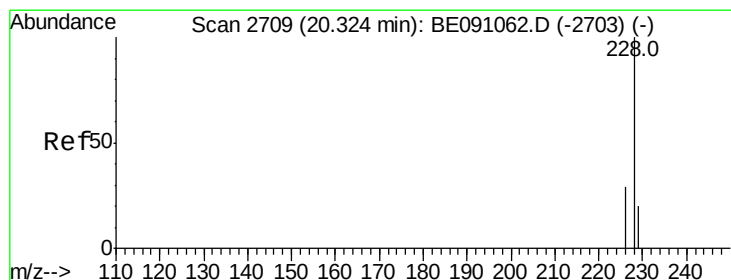
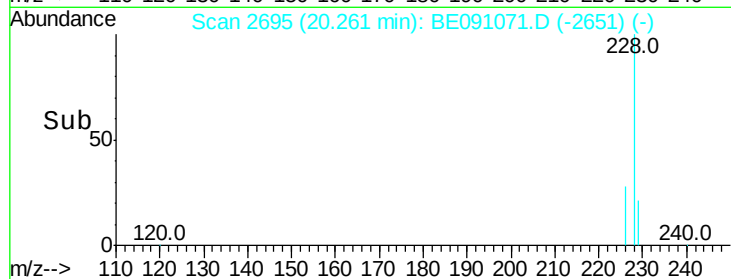
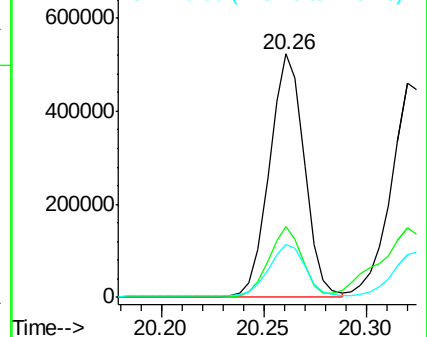
228 100

226 28.9 23.0 34.4

229 21.6 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: 6.47 ng/ul

RT: 20.32 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

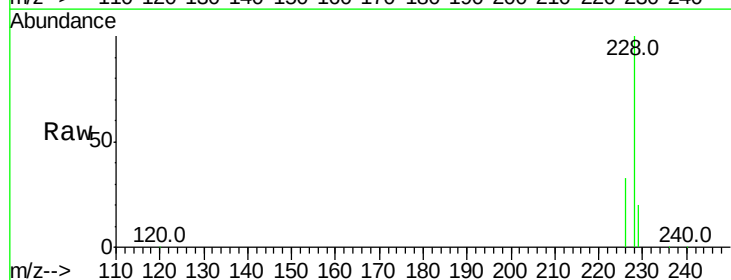
Tgt Ion:228 Resp: 598842

Ion Ratio Lower Upper

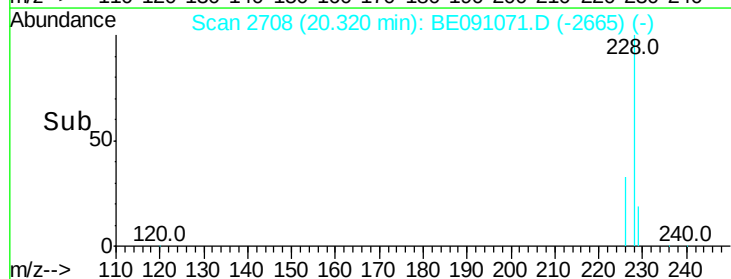
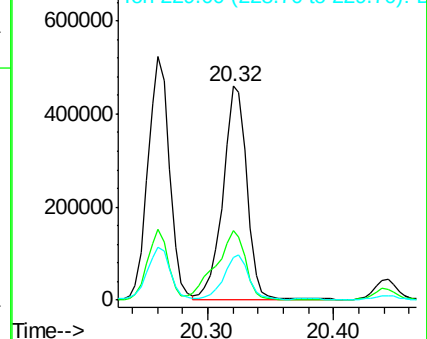
228 100

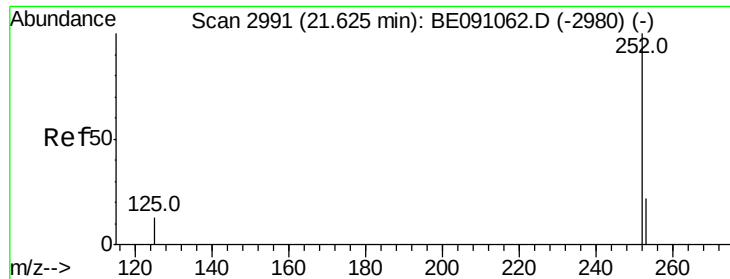
226 32.7 25.7 38.5

229 20.0 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: 0.08 ng/ul

RT: 21.63 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

Instrument :

BNA_E

ClientSampleId :

C0AP4

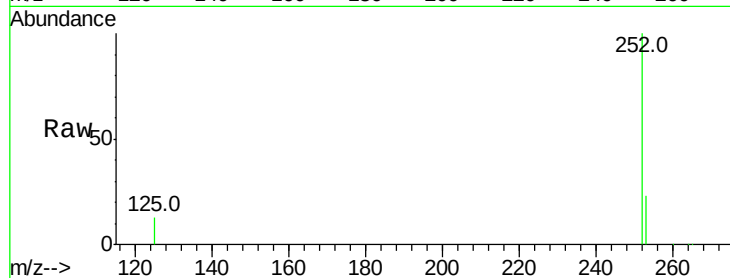
Tot Ion:252 Resp: 379480

Ion Ratio Lower Upper

252 100

253 22.6 0.0 48.0

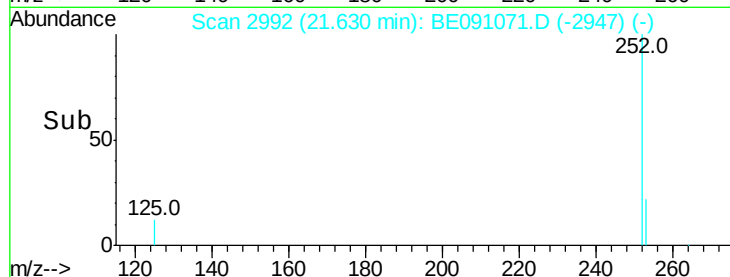
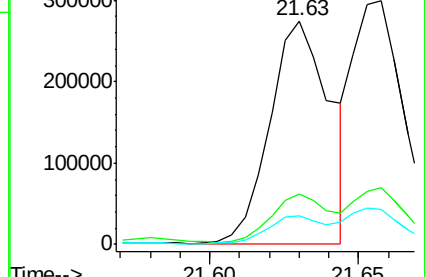
125 12.9 0.0 36.6



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: 0.08 ng/ul

RT: 21.63 min Scan# 2992

Delta R.T. -0.03 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

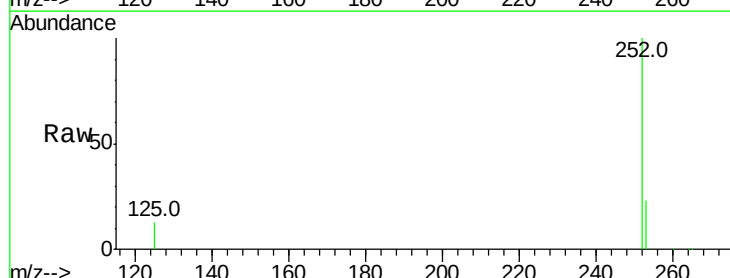
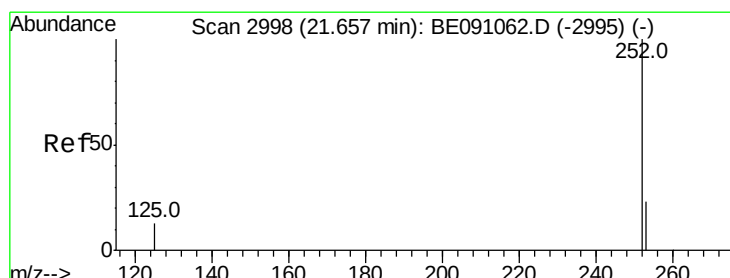
Tgt Ion:252 Resp: 379480

Ion Ratio Lower Upper

252 100

253 22.6 20.8 31.2

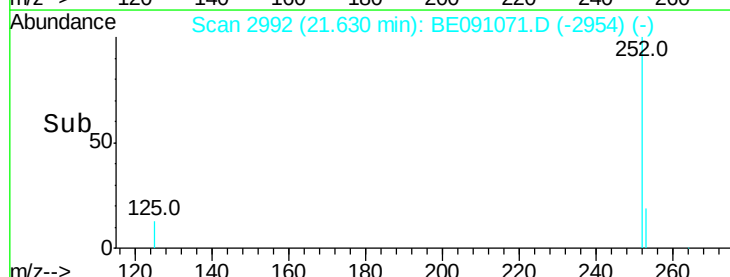
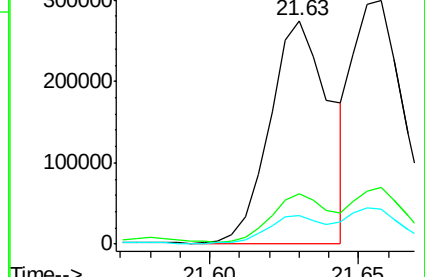
125 12.9 12.2 18.4

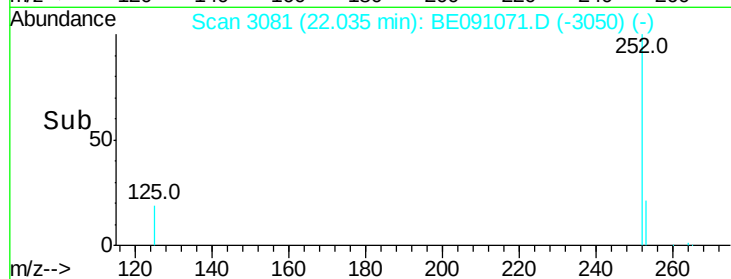
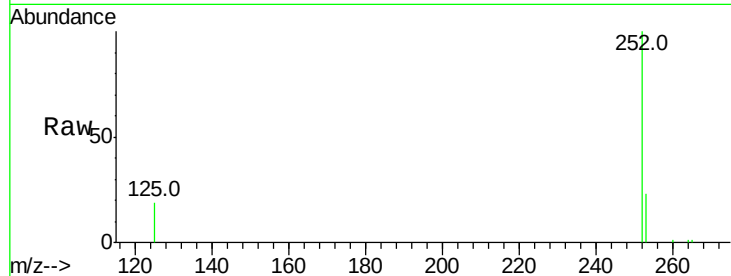
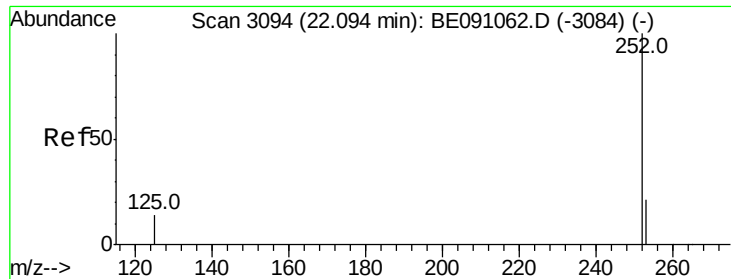


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 22.04 min Scan# 3081

Delta R.T. -0.06 min

Lab File: BE091071.D

Acq: 5 Nov 2015 17:49

Instrument :

BNA_E

ClientSampleId :

C0AP4

Tot Ion:252 Resp: 219779

Ion Ratio Lower Upper

252 100

253 22.7 21.8 32.8

125 19.2 14.5 21.7

