

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091068.D
 Acq On : 5 Nov 2015 13:54
 Operator : UM/NP
 Sample : G4273-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP0

Quant Time: Nov 06 05:44:13 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	6.90	152	4300	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	23678	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	13594	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	1305340	0.40	ng/ul	0.09
18) Chrysene-d12	20.29	240	34012	0.40	ng/ul	0.00
22) Perylene-d12	22.07	264	1457604	0.40	ng/ul	-0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.93	96	17162	5.55	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	6506	0.20	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	18289	0.00	ng/ul	0.00

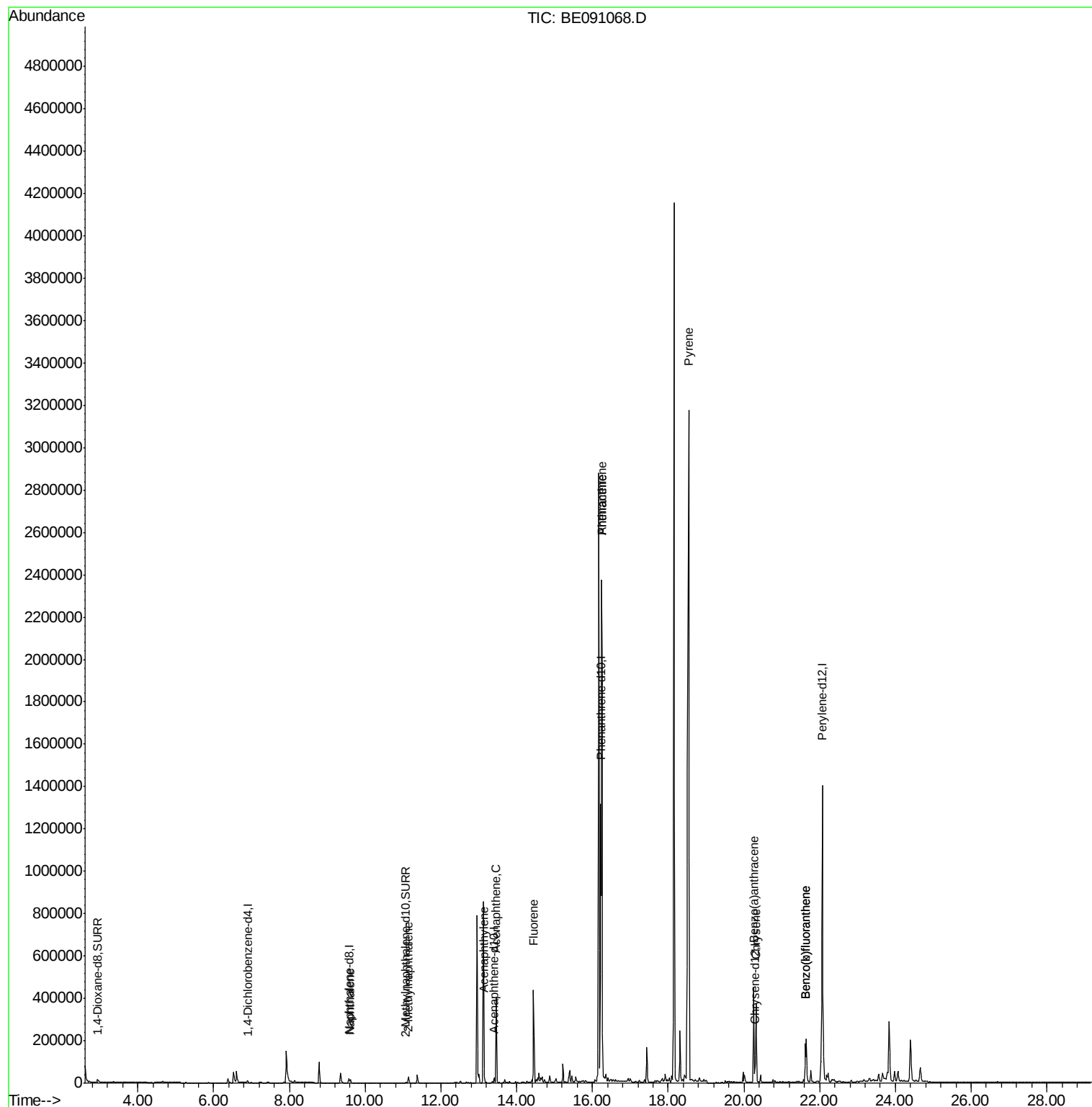
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	9.61	128	21864	0.37	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	20585	0.54	ng/ul	97
9) Acenaphthylene	13.15	152	30509	0.45	ng/ul	98
10) Acenaphthene	13.46	153	216126	4.65	ng/ul	93
11) Fluorene	14.45	166	276280	4.63	ng/ul	89
14) Phenanthrene	16.25	178	2611249	0.17	ng/ul	99
15) Anthracene	16.25	178	2600126	0.19	ng/ul	97
19) Pyrene	18.54	202	2989674	7.74	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	347411	3.98	ng/ul	95
21) Chrysene	20.32	228	324205	3.22	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	177535	0.04	ng/ul	93
24) Benzo(k)fluoranthene	21.63	252	177535	0.04	ng/ul	93

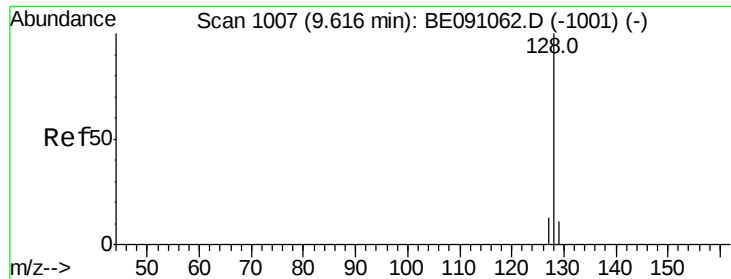
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Naphthalene

Concen: 0.37 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

Instrument :

BNA_E

ClientSampleId :

C0AP0

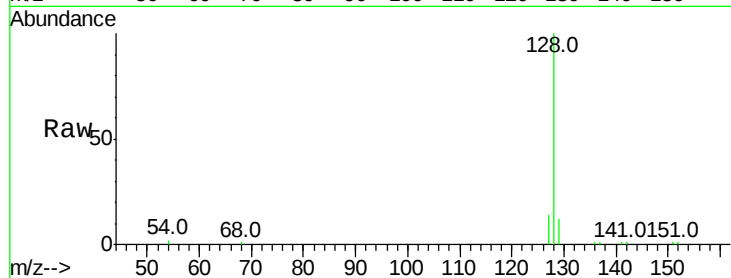
Tot Ion:128 Resp: 21864

Ion Ratio Lower Upper

128 100

129 11.9 9.8 14.8

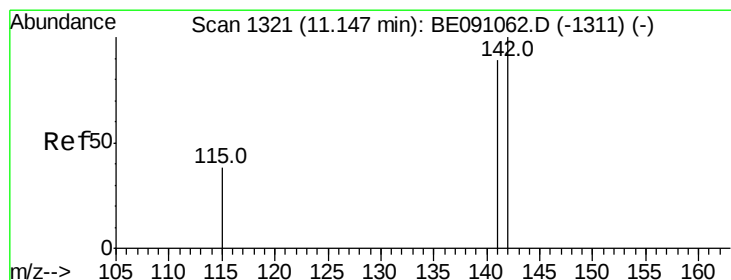
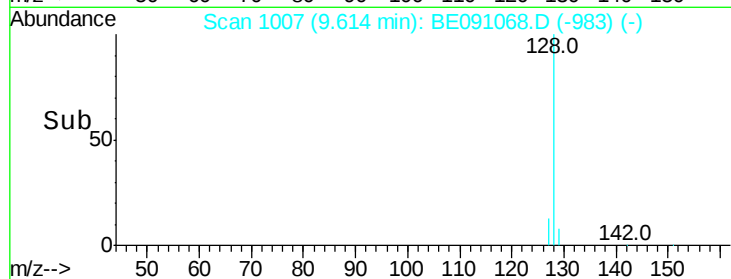
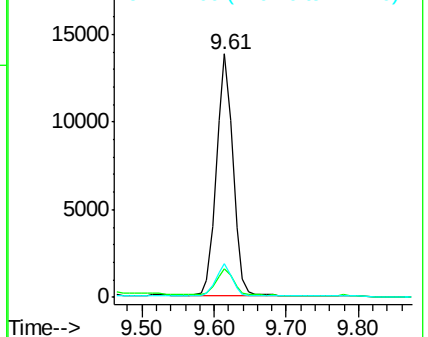
127 13.6 10.7 16.1



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: 0.54 ng/ul

RT: 11.14 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BE091068.D

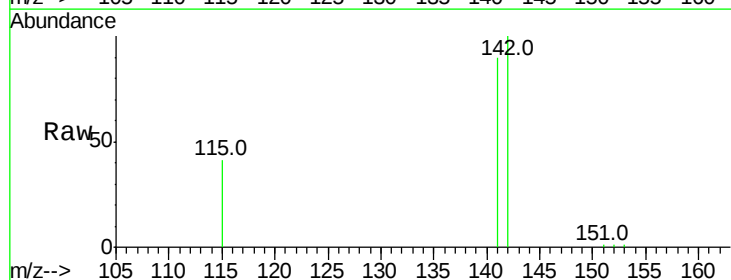
Acq: 5 Nov 2015 13:54

Tgt Ion:142 Resp: 20585

Ion Ratio Lower Upper

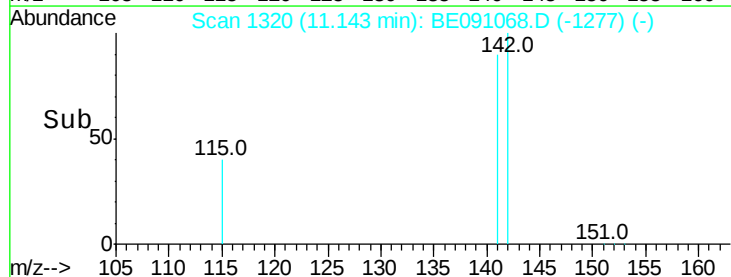
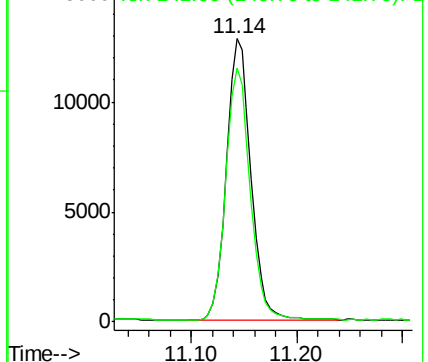
142 100

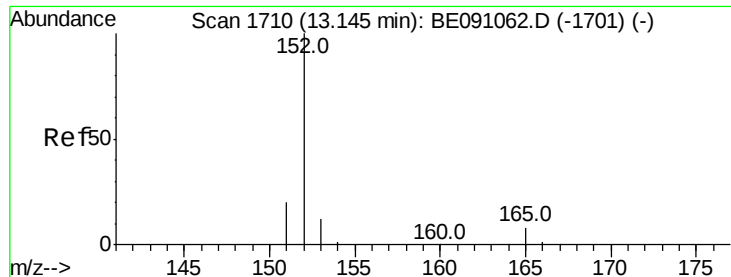
141 90.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.45 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

Instrument :

BNA_E

ClientSampleId :

C0AP0

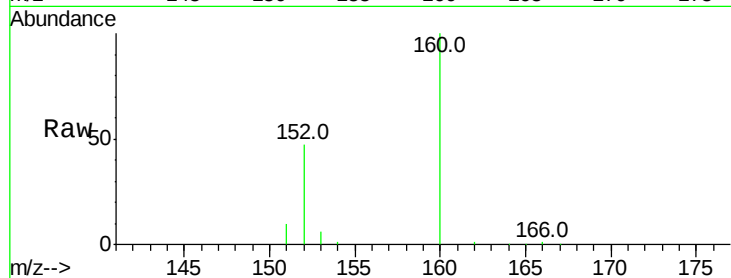
Tot Ion:152 Resp: 30509

Ion Ratio Lower Upper

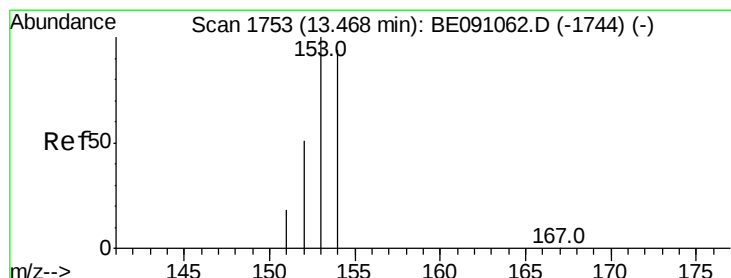
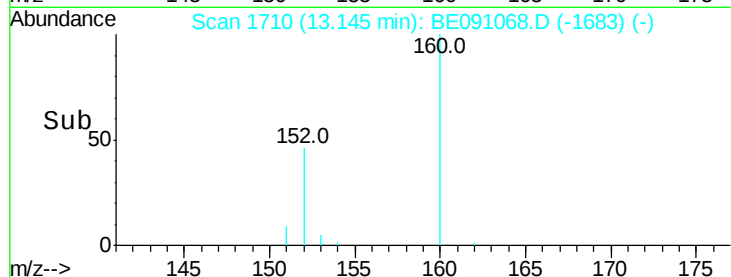
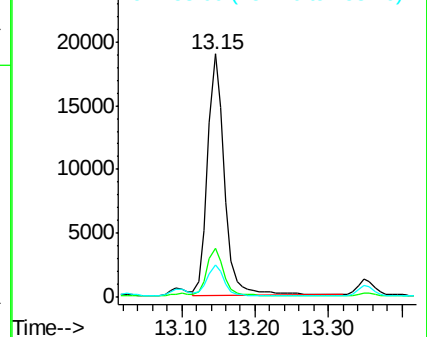
152 100

151 20.1 16.8 25.2

153 13.5 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: 4.65 ng/ul

RT: 13.46 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

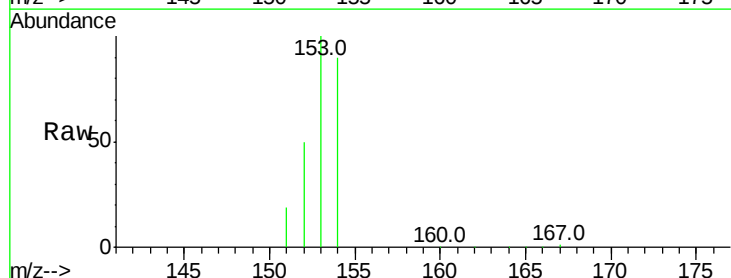
Tgt Ion:153 Resp: 216126

Ion Ratio Lower Upper

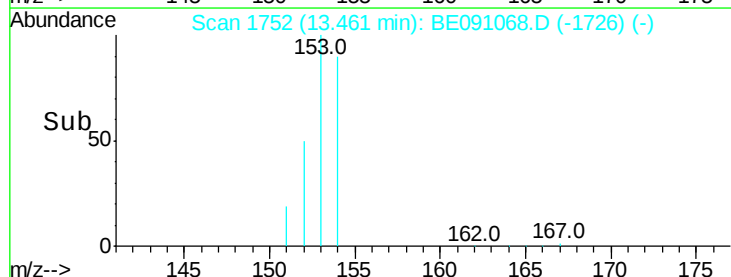
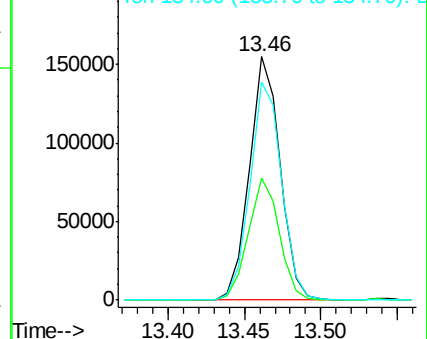
153 100

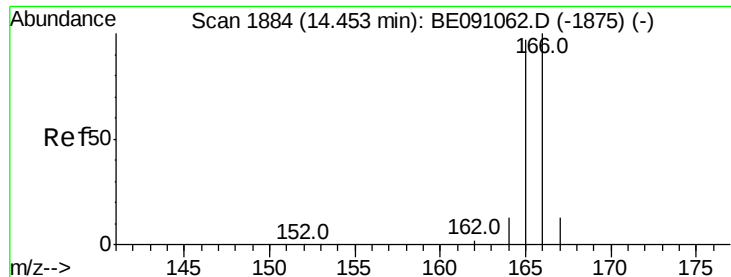
152 50.4 42.3 63.5

154 89.7 64.7 97.1



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 4.63 ng/ul

RT: 14.45 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

Instrument :

BNA_E

ClientSampleId :

C0AP0

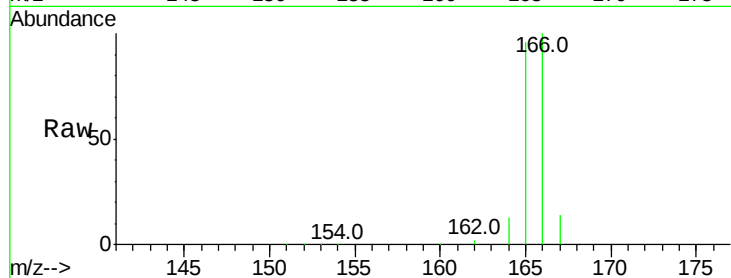
Tot Ion:166 Resp: 276280

Ion Ratio Lower Upper

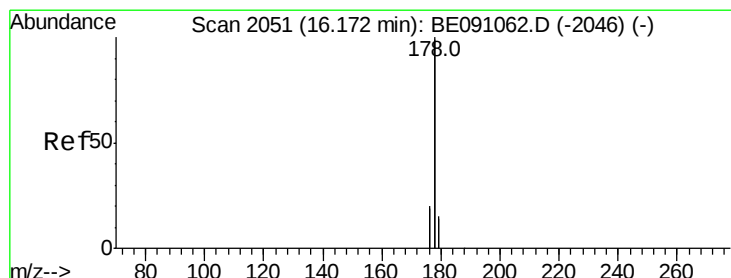
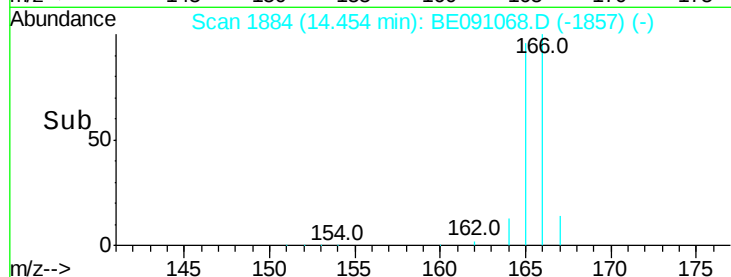
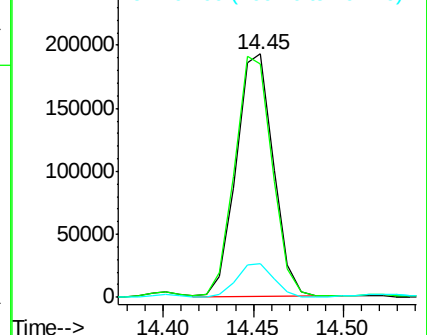
166 100

165 95.9 87.6 131.4

167 13.9 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: 0.17 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. 0.07 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

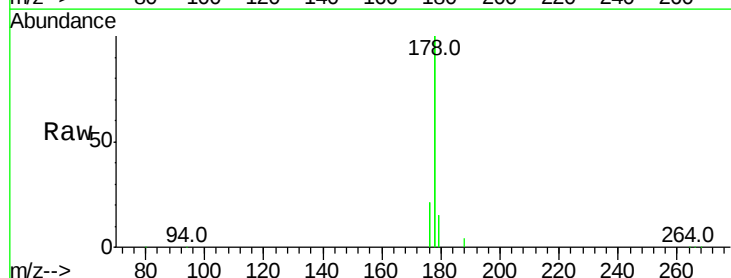
Tgt Ion:178 Resp: 2611249

Ion Ratio Lower Upper

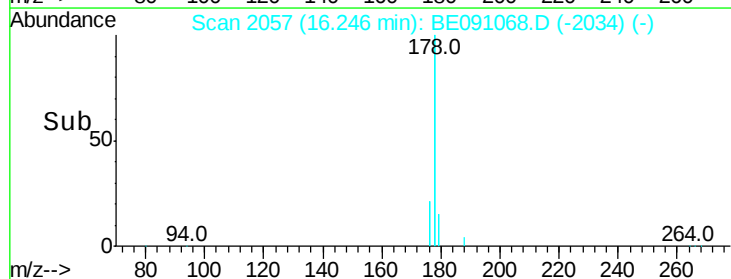
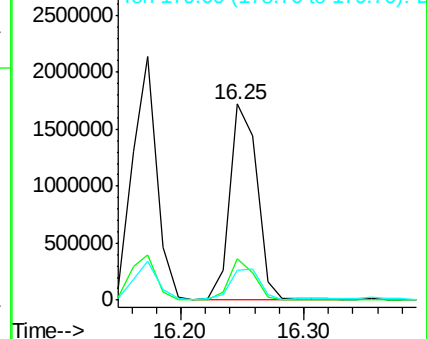
178 100

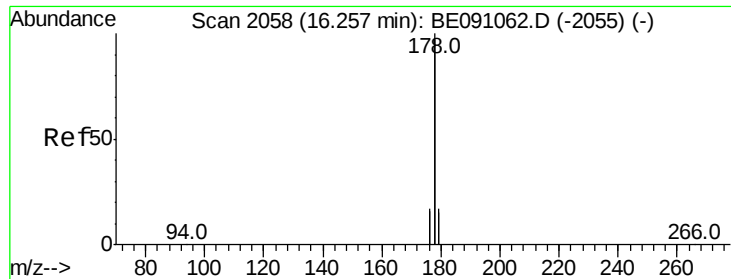
176 20.9 16.2 24.4

179 15.3 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: 0.19 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

Instrument :

BNA_E

ClientSampleId :

C0AP0

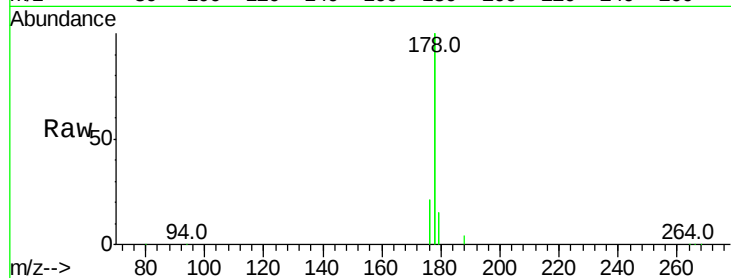
Tot Ion:178 Resp: 2600126

Ion Ratio Lower Upper

178 100

176 20.9 15.8 23.8

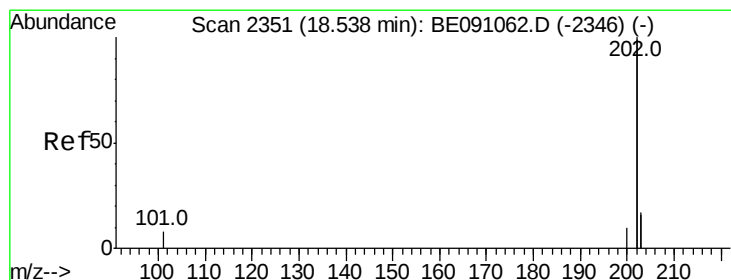
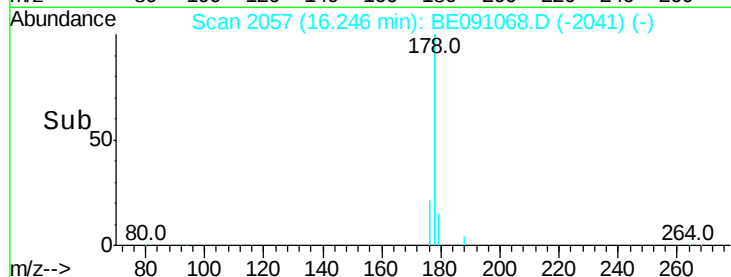
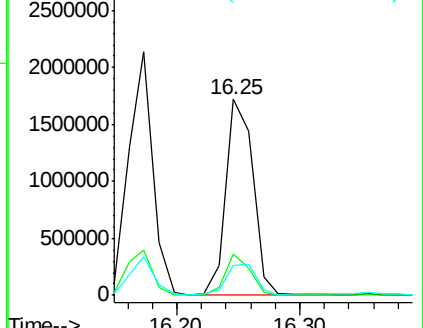
179 15.3 13.3 19.9



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



#19

Pyrene

Concen: 7.74 ng/ul

RT: 18.54 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

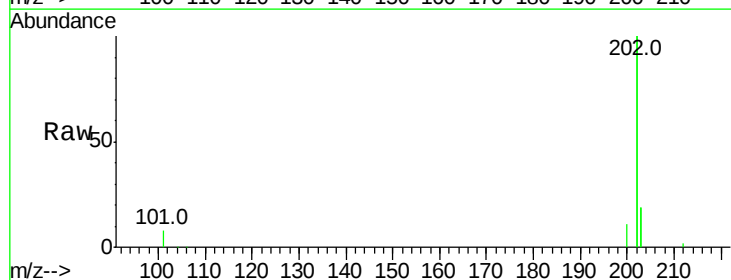
Tgt Ion:202 Resp: 2989674

Ion Ratio Lower Upper

202 100

200 5.5 18.0 27.0#

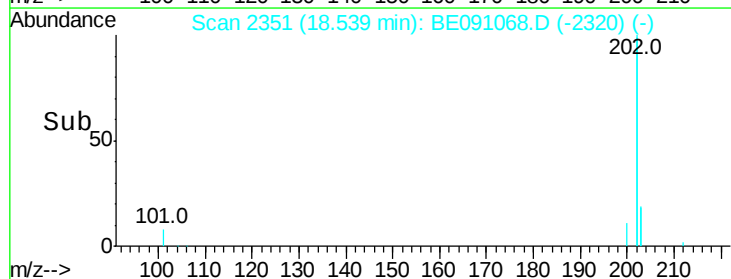
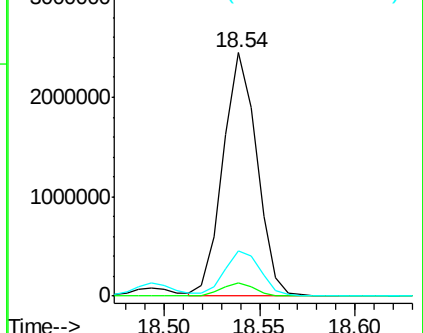
203 18.7 13.8 20.6

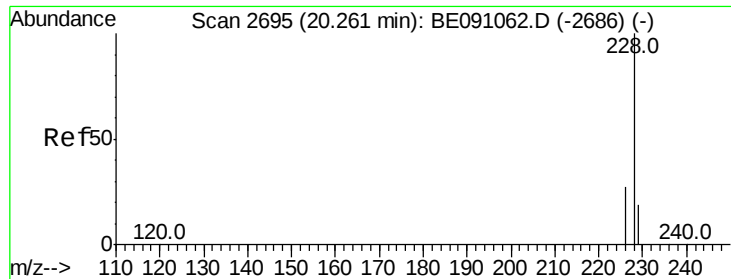


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 3.98 ng/ul

RT: 20.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

Instrument :

BNA_E

ClientSampleId :

C0AP0

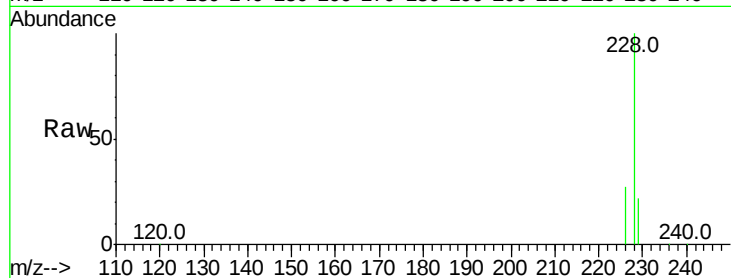
Tot Ion:228 Resp: 347411

Ion Ratio Lower Upper

228 100

226 26.8 23.0 34.4

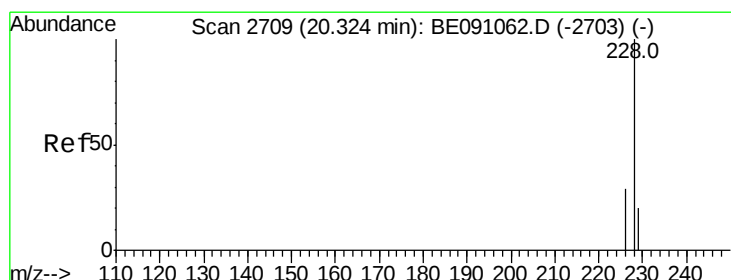
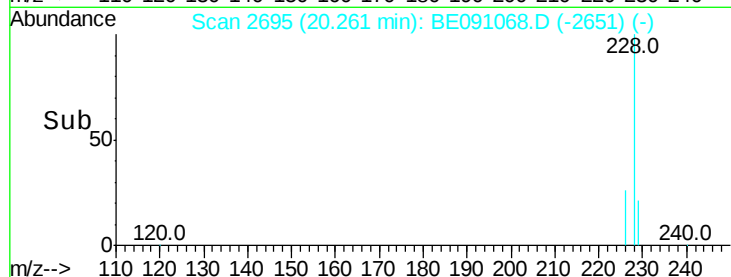
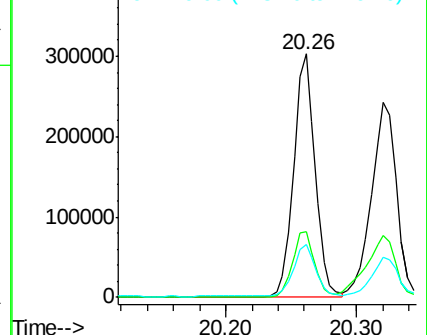
229 21.7 15.2 22.8



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: 3.22 ng/ul

RT: 20.32 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

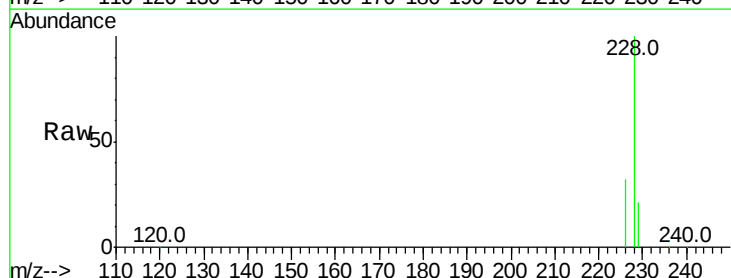
Tgt Ion:228 Resp: 324205

Ion Ratio Lower Upper

228 100

226 32.0 25.7 38.5

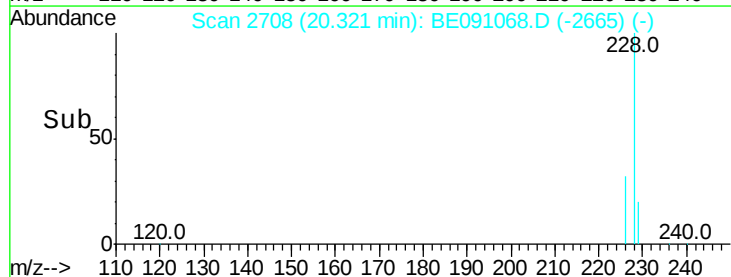
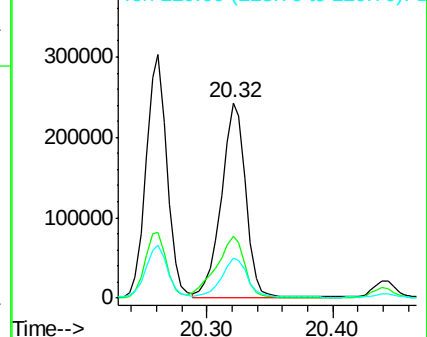
229 20.8 15.2 22.8

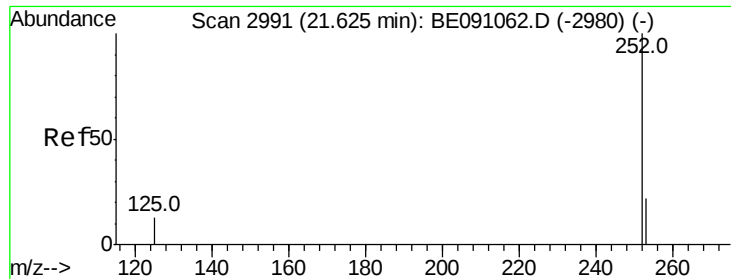


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.04 ng/ul

RT: 21.63 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

Instrument :

BNA_E

ClientSampleId :

C0AP0

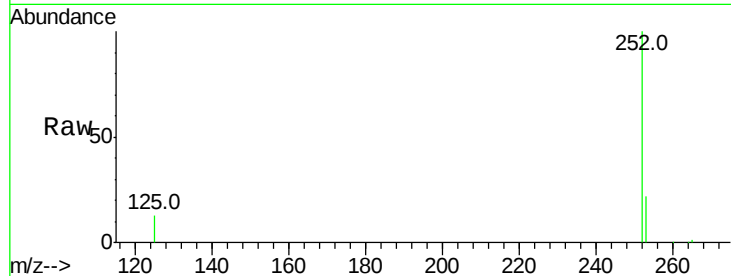
Tot Ion:252 Resp: 177535

Ion Ratio Lower Upper

252 100

253 22.2 0.0 48.0

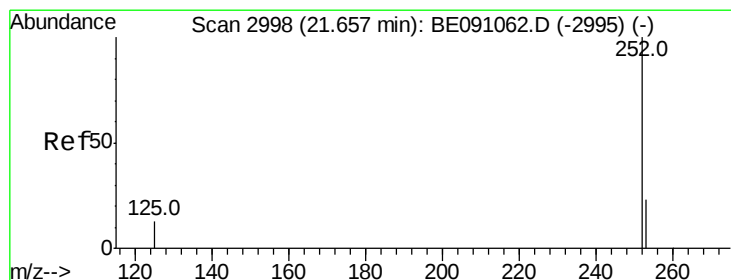
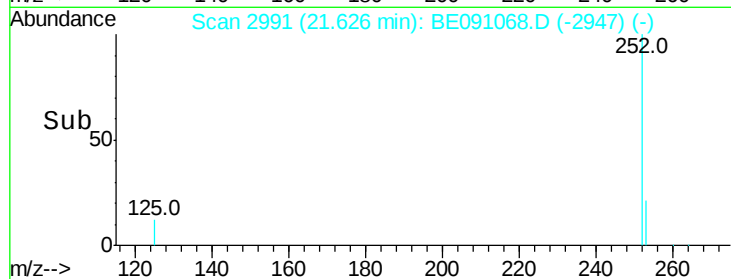
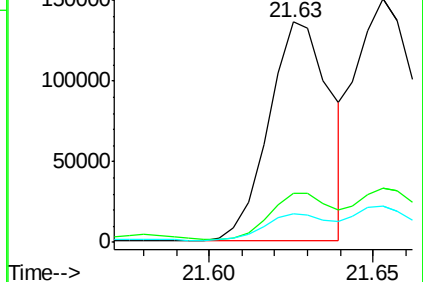
125 13.2 0.0 36.6



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: 0.04 ng/ul

RT: 21.63 min Scan# 2991

Delta R.T. -0.03 min

Lab File: BE091068.D

Acq: 5 Nov 2015 13:54

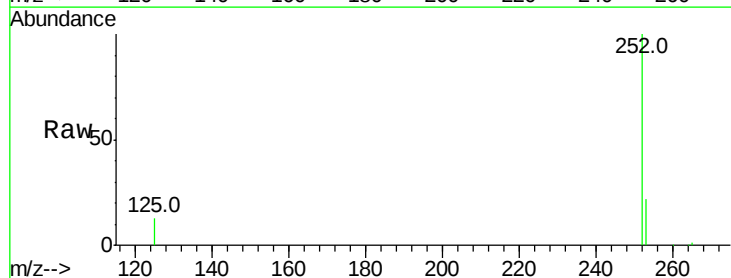
Tgt Ion:252 Resp: 177535

Ion Ratio Lower Upper

252 100

253 22.2 20.8 31.2

125 13.2 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

