

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091069.D
 Acq On : 5 Nov 2015 14:32
 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP1

Quant Time: Nov 06 05:44:24 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	4276	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	23453	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	13426	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	1258355	0.40	ng/ul	0.08
18) Chrysene-d12	20.29	240	32479	0.40	ng/ul	0.00
22) Perylene-d12	22.07	264	1376866	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	16566	5.39	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	6182	0.19	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	16786	0.00	ng/ul	0.00

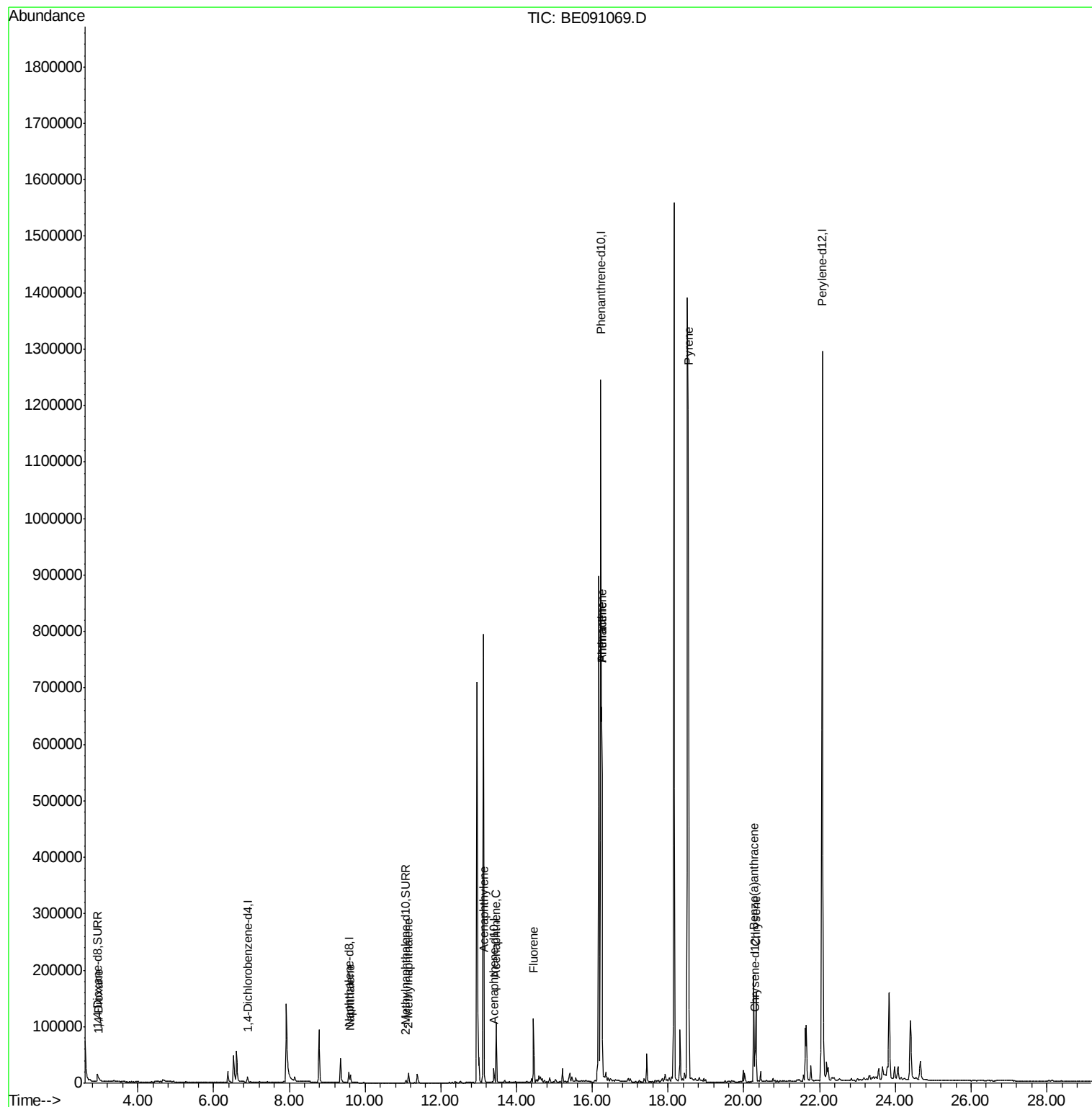
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) 1,4-Dioxane	2.97	88	146	0.04	ng/ul#	54
5) Naphthalene	9.62	128	17963	0.31	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	12816	0.34	ng/ul	98
9) Acenaphthylene	13.15	152	11455	0.17	ng/ul	100
10) Acenaphthene	13.46	153	56921	1.24	ng/ul	92
11) Fluorene	14.45	166	69726	1.18	ng/ul	95
14) Phenanthrene	16.25	178	714172	0.05	ng/ul	99
15) Anthracene	16.25	178	709820	0.05	ng/ul	98
19) Pyrene	18.54	202	1137310	3.08	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	144657	1.73	ng/ul	96
21) Chrysene	20.32	228	136178	1.42	ng/ul	99

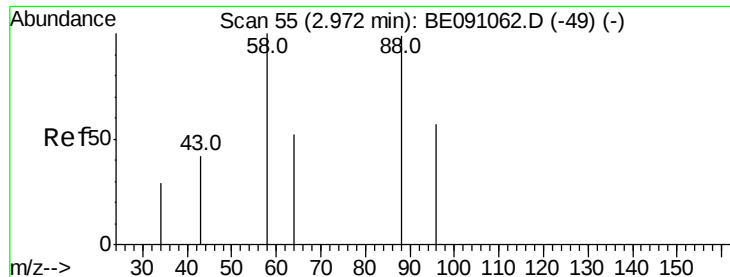
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.04 ng/ul

RT: 2.97 min Scan# 55

Delta R.T. -0.00 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

Instrument :

BNA_E

ClientSampleId :

C0AP1

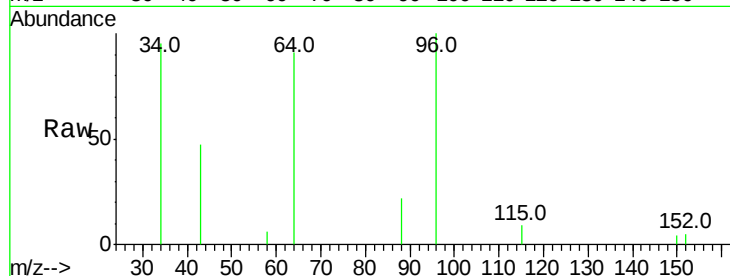
Tot Ion: 88 Resp: 146

Ion Ratio Lower Upper

88 100

58 35.6 55.4 83.2#

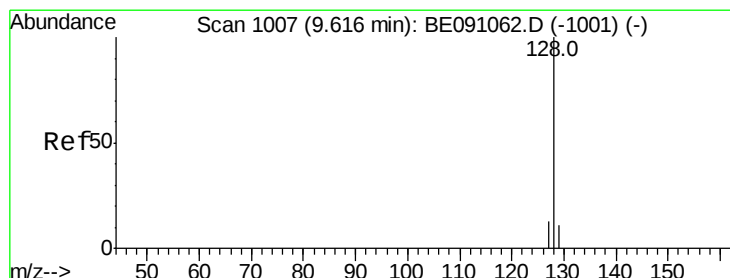
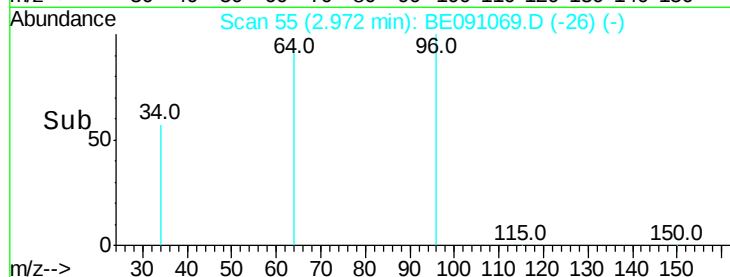
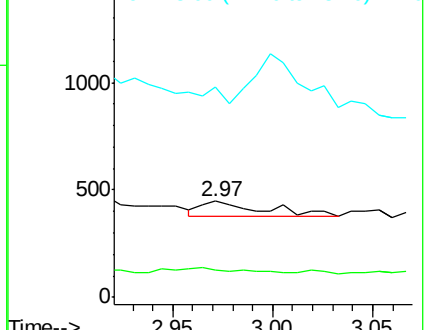
43 0.0 24.2 36.2#



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: 0.31 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

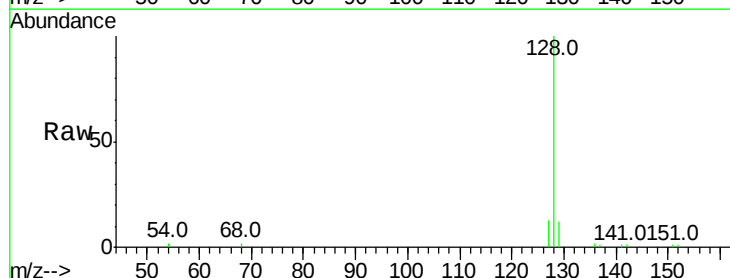
Tgt Ion: 128 Resp: 17963

Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.8

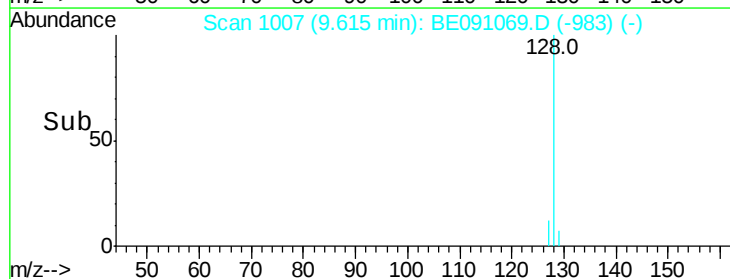
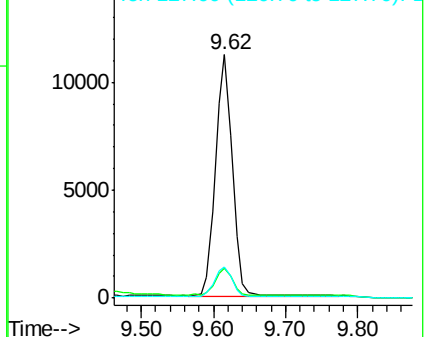
127 12.9 10.7 16.1

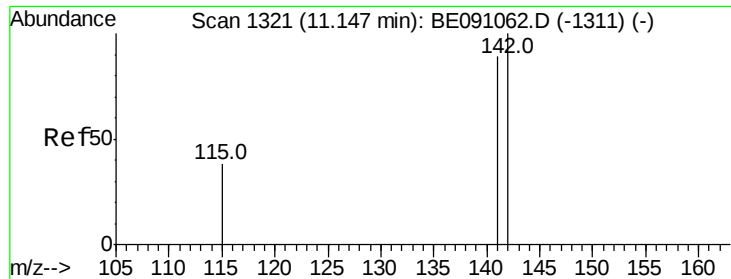


Abundance Ion 128.00 (127.70 to 128.70): BE091062.D (-1001) (-)

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: 0.34 ng/ul

RT: 11.14 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

Instrument :

BNA_E

ClientSampleId :

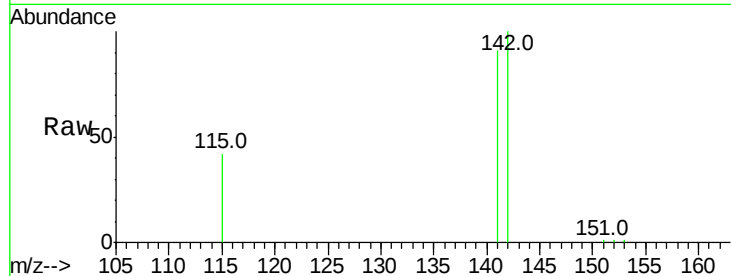
C0AP1

Tot Ion:142 Resp: 12816

Ion Ratio Lower Upper

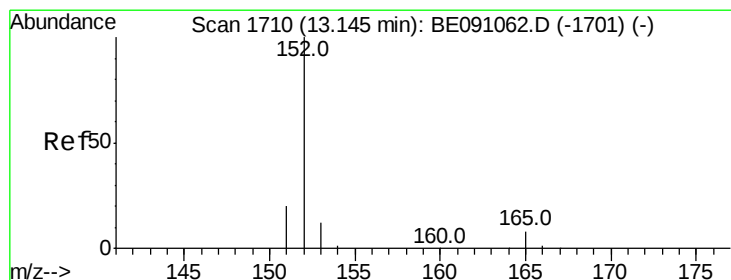
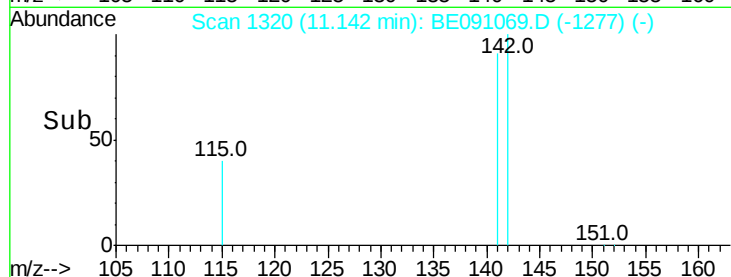
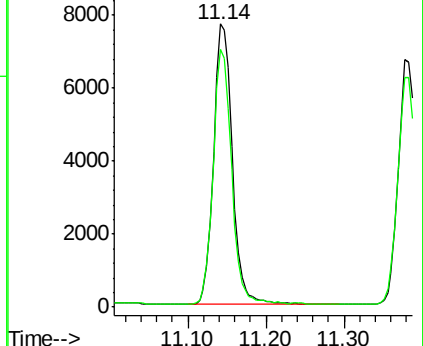
142 100

141 89.5 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: 0.17 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

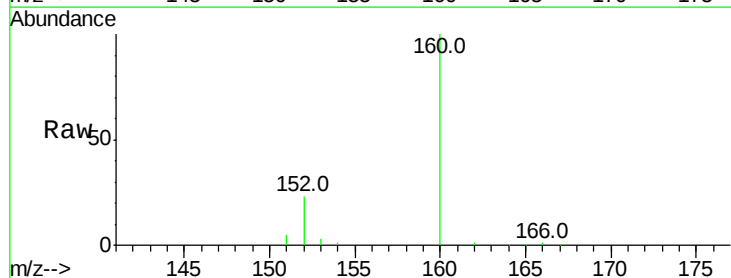
Tgt Ion:152 Resp: 11455

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

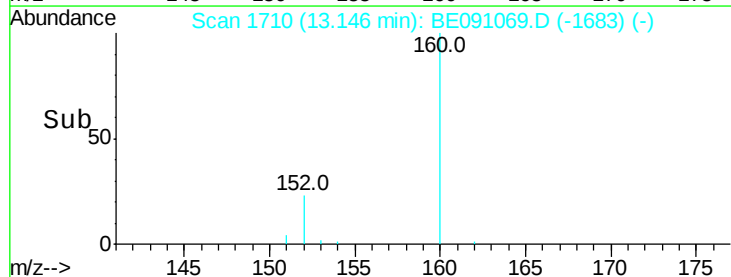
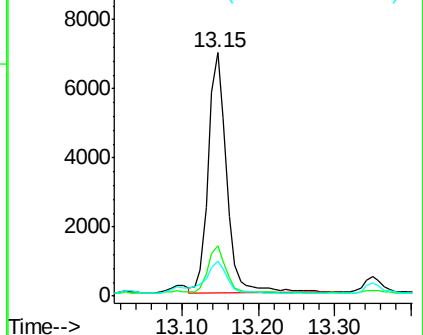
153 14.2 11.3 16.9

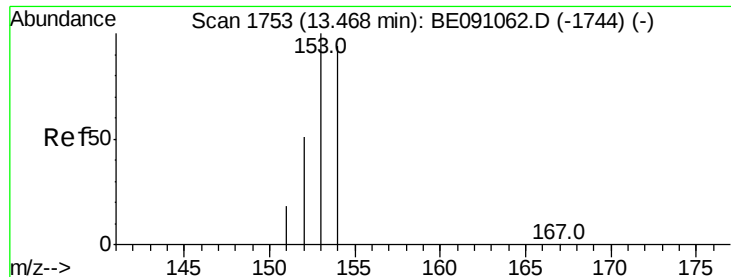


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 1.24 ng/ul

RT: 13.46 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

Instrument :

BNA_E

ClientSampleId :

C0AP1

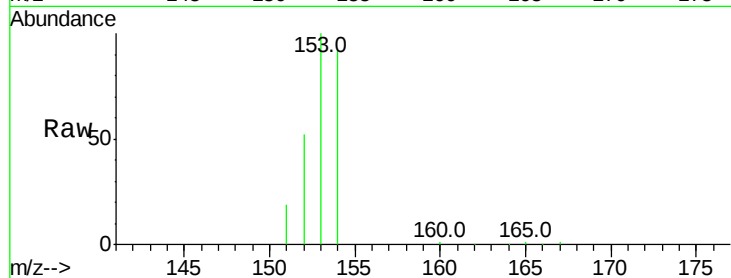
Tot Ion:153 Resp: 56921

Ion Ratio Lower Upper

153 100

152 52.2 42.3 63.5

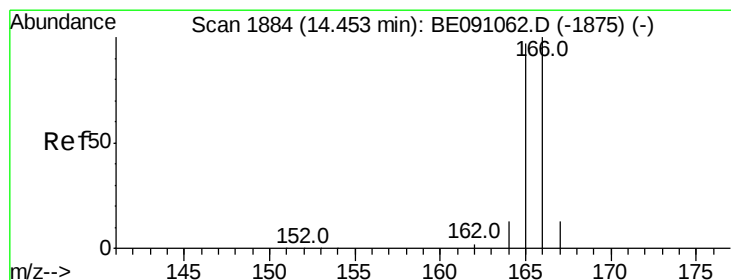
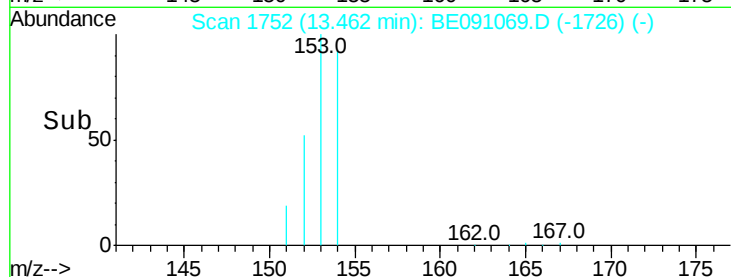
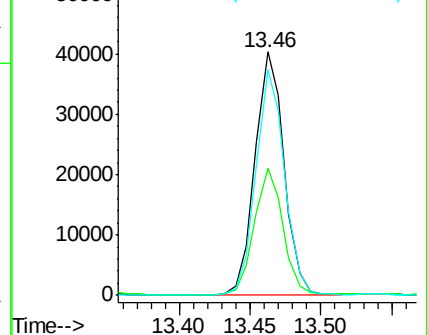
154 92.5 64.7 97.1



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: 1.18 ng/ul

RT: 14.45 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

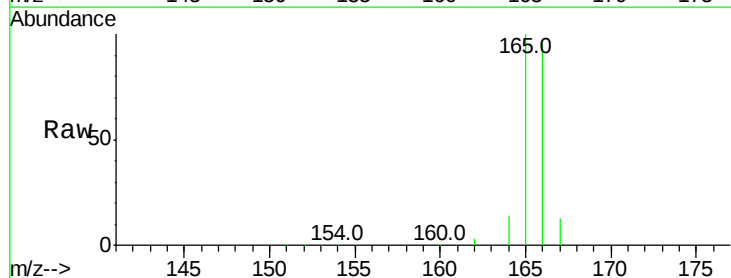
Tgt Ion:166 Resp: 69726

Ion Ratio Lower Upper

166 100

165 104.0 87.6 131.4

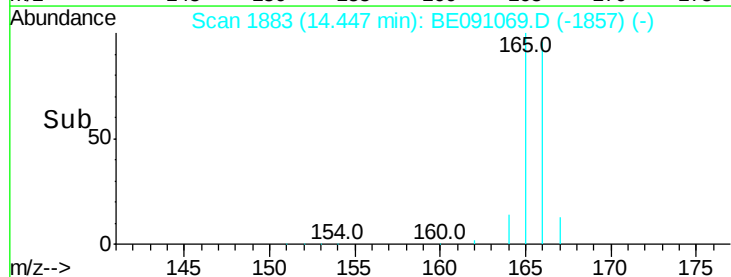
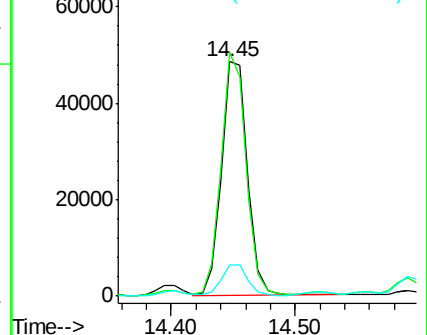
167 13.5 11.1 16.7

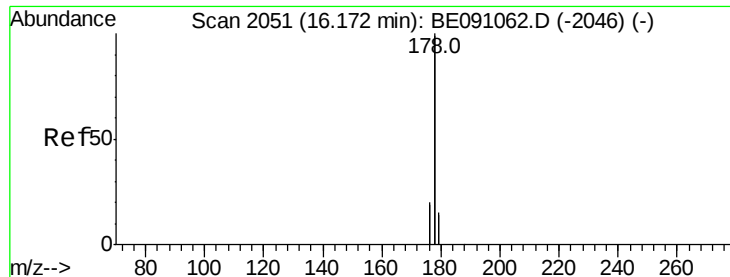


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#14

Phenanthrene

Concen: 0.05 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. 0.07 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

Instrument :

BNA_E

ClientSampleId :

C0AP1

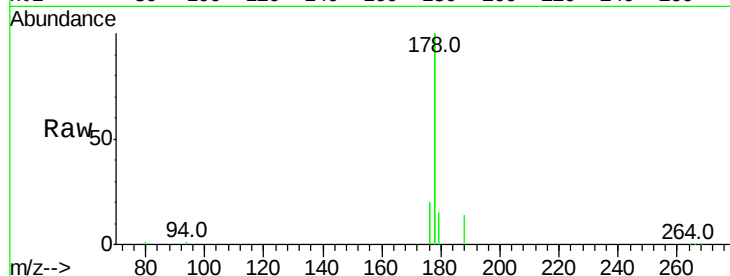
Tot Ion:178 Resp: 714172

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

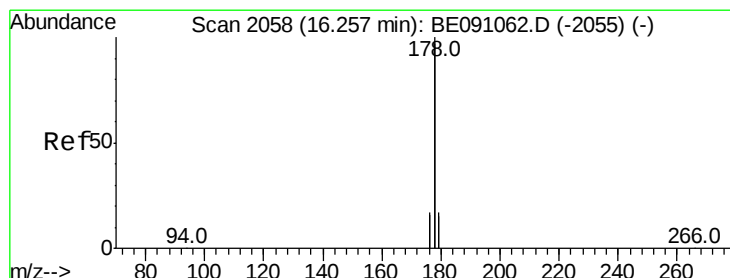
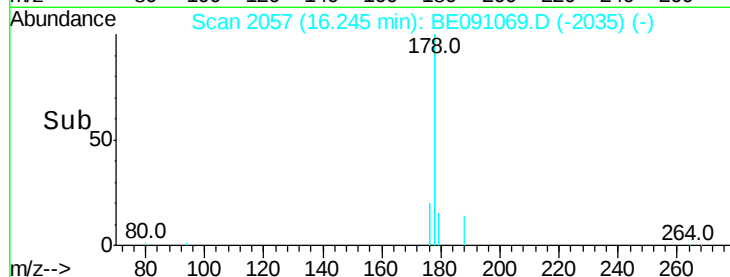
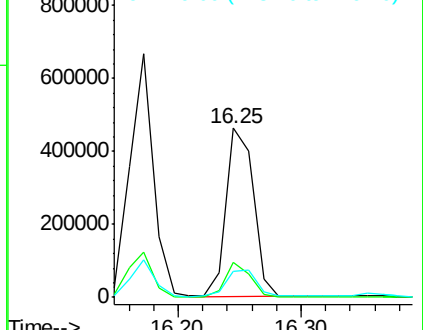
179 15.5 12.8 19.2



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: 0.05 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

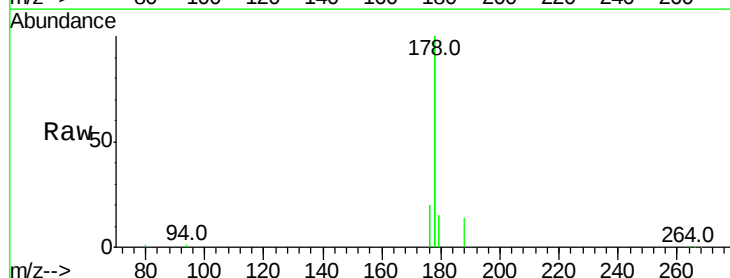
Tgt Ion:178 Resp: 709820

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

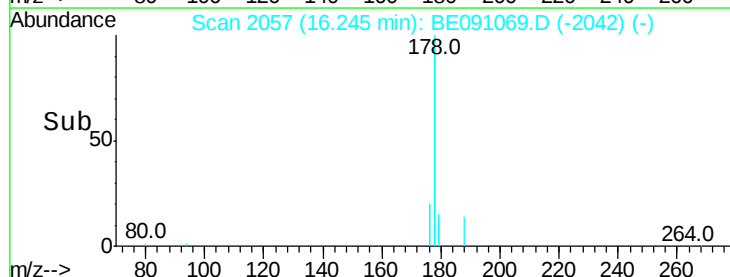
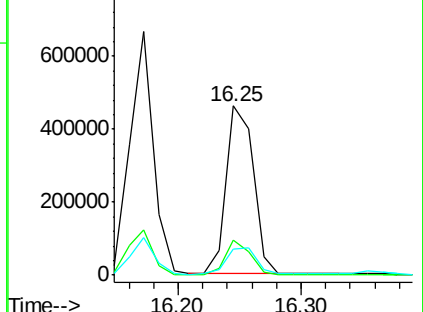
179 15.5 13.3 19.9

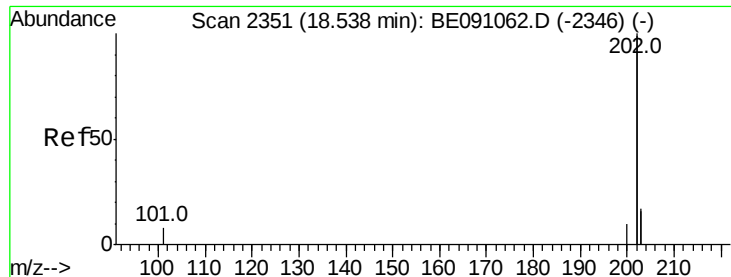


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#19

Pvrene

Concen: 3.08 ng/ul

RT: 18.54 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

Instrument :

BNA_E

ClientSampleId :

C0AP1

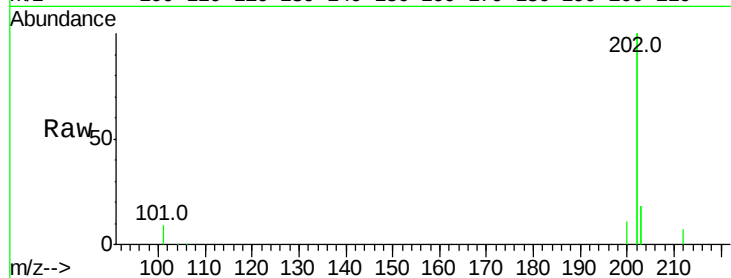
Tot Ion:202 Resp: 1137310

Ion Ratio Lower Upper

202 100

200 5.5 18.0 27.0#

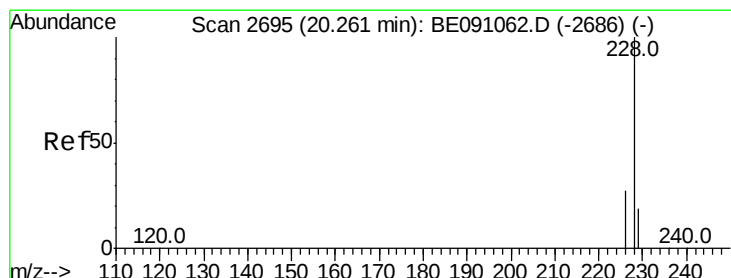
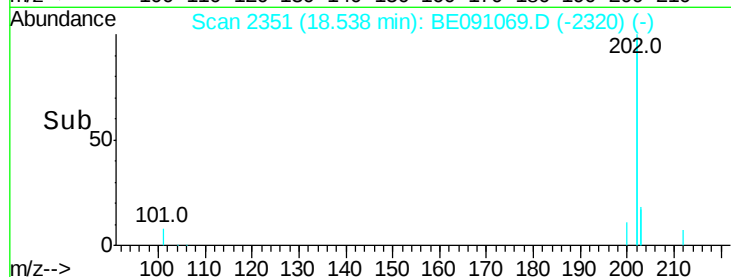
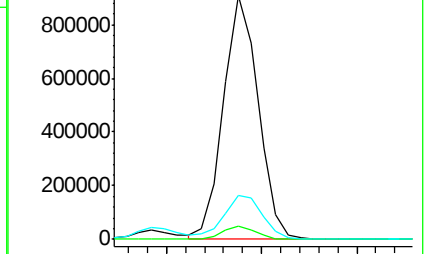
203 18.0 13.8 20.6



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: 1.73 ng/ul

RT: 20.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

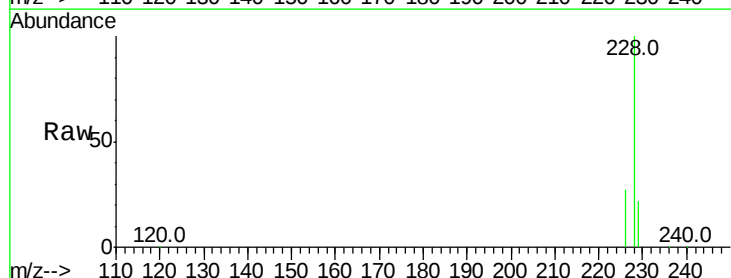
Tgt Ion:228 Resp: 144657

Ion Ratio Lower Upper

228 100

226 27.3 23.0 34.4

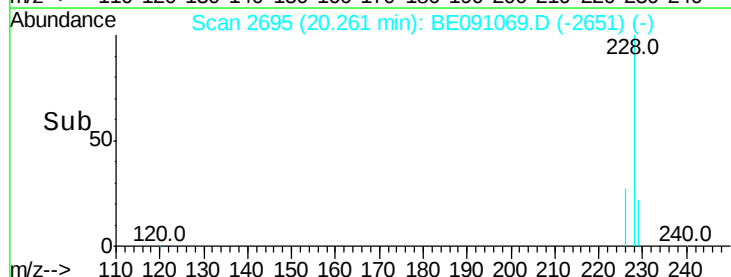
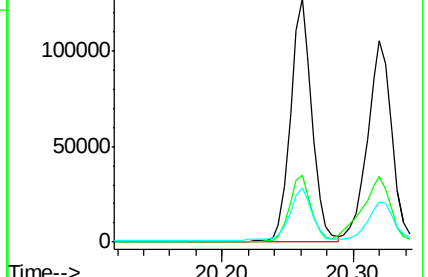
229 22.3 15.2 22.8

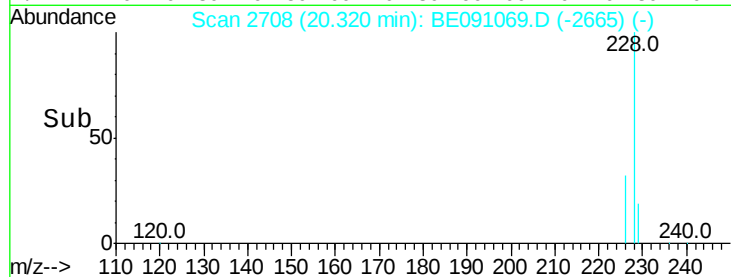
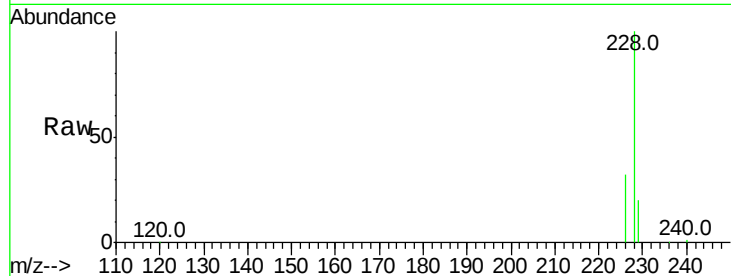
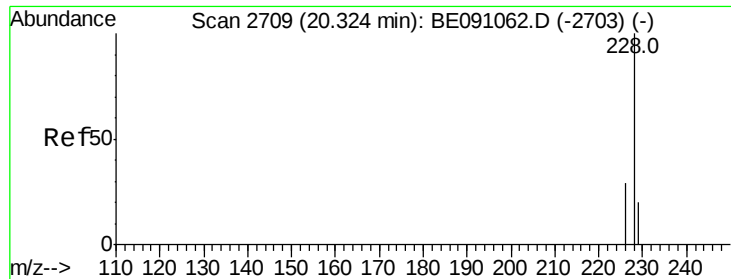


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrvsene

Concen: 1.42 ng/ul

RT: 20.32 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE091069.D

Acq: 5 Nov 2015 14:32

Instrument :

BNA_E

ClientSampleId :

C0AP1

Tot Ion:228 Resp: 136178

Ion Ratio Lower Upper

228 100

226 32.4 25.7 38.5

229 20.2 15.2 22.8

