

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091067.D
 Acq On : 5 Nov 2015 13:18
 Operator : UM/NP
 Sample : G4273-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN9

Quant Time: Nov 06 05:44:02 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	4512	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	24599	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	14550	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	1998021	0.40	ng/ul	0.08
18) Chrysene-d12	20.29	240	34535	0.40	ng/ul	0.00
22) Perylene-d12	22.07	264	2309519	0.40	ng/ul	-0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.92	96	25310	7.80	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	9758	0.29	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	28526	0.01	ng/ul	0.00

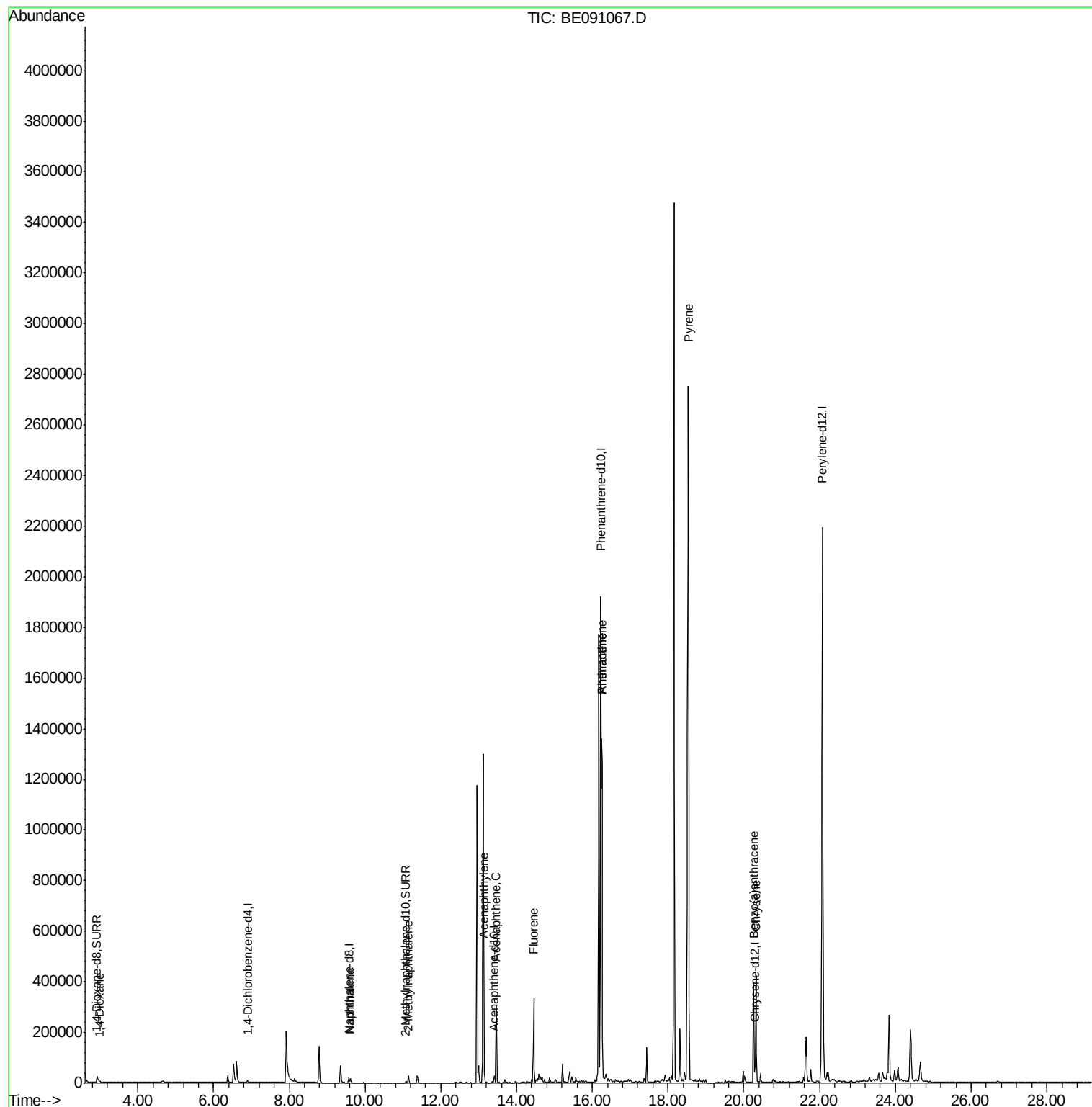
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) 1,4-Dioxane	3.00	88	192	0.05	ng/ul#	43
5) Naphthalene	9.62	128	21297	0.35	ng/ul	99
7) 2-Methylnaphthalene	11.15	142	19360	0.49	ng/ul	98
9) Acenaphthylene	13.14	152	30279	0.42	ng/ul	98
10) Acenaphthene	13.46	153	172937	3.48	ng/ul	93
11) Fluorene	14.45	166	195368	3.06	ng/ul	90
14) Phenanthrene	16.24	178	1524589	0.07	ng/ul	98
15) Anthracene	16.24	178	1516698	0.07	ng/ul	97
19) Pyrene	18.54	202	2587416	6.59	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	306333	3.45	ng/ul	96
21) Chrysene	20.32	228	346673	3.39	ng/ul	99

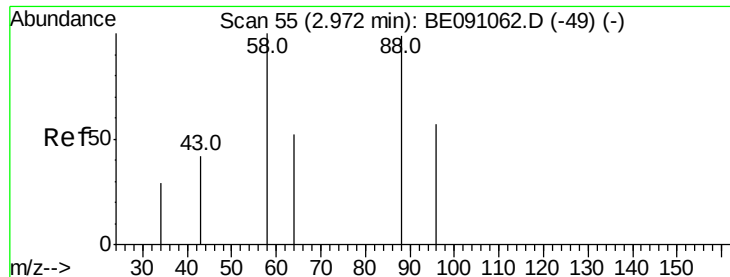
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#3

1,4-Dioxane

Concen: 0.05 ng/ul

RT: 3.00 min Scan# 59

Delta R.T. 0.03 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

Instrument :

BNA_E

ClientSampled :

C0AN9

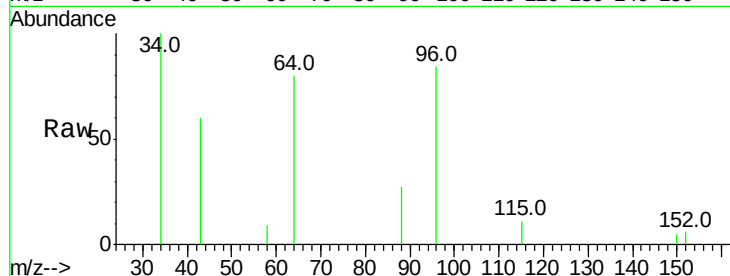
Tot Ion: 88 Resp: 192

Ion Ratio Lower Upper

88 100

58 21.9 55.4 83.2#

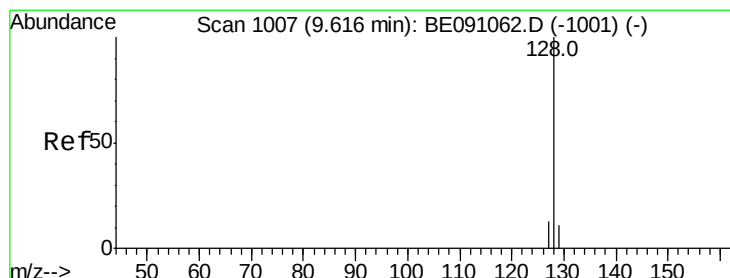
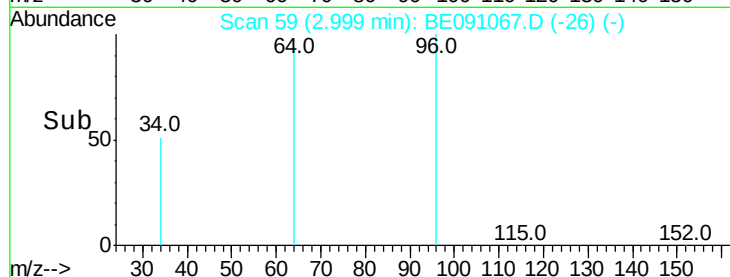
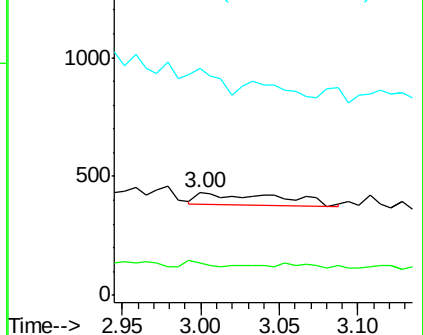
43 0.0 24.2 36.2#



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: 0.35 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

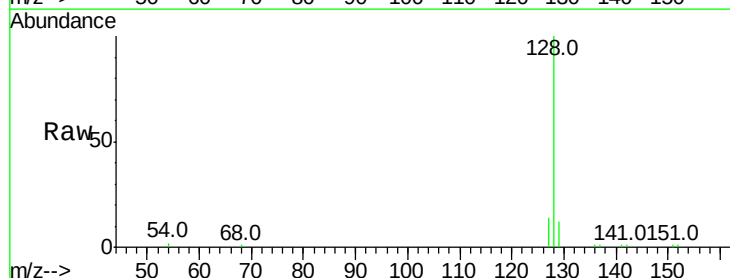
Tgt Ion: 128 Resp: 21297

Ion Ratio Lower Upper

128 100

129 11.9 9.8 14.8

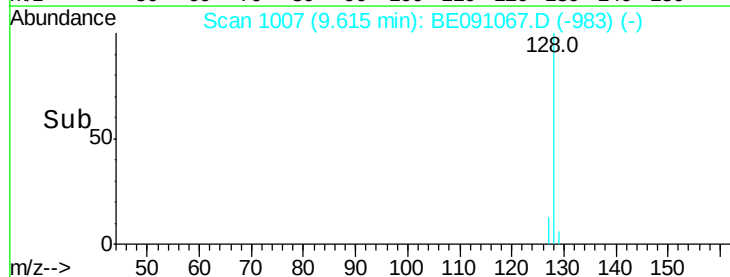
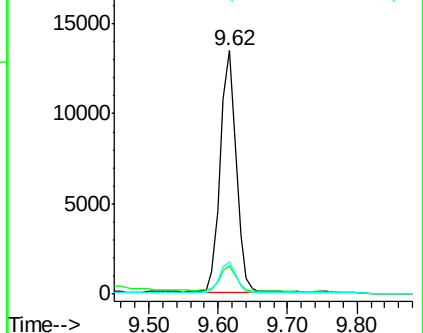
127 13.5 10.7 16.1

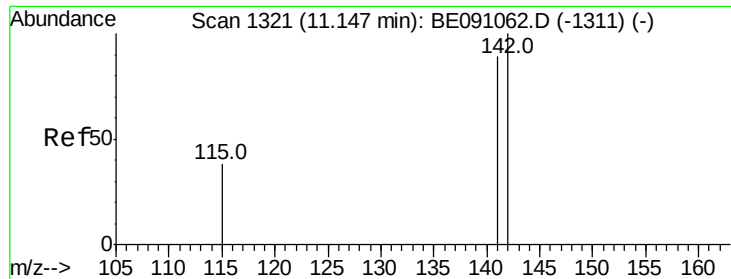


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#7

2-Methylnaphthalene

Concen: 0.49 ng/ul

RT: 11.15 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

Instrument :

BNA_E

ClientSampleId :

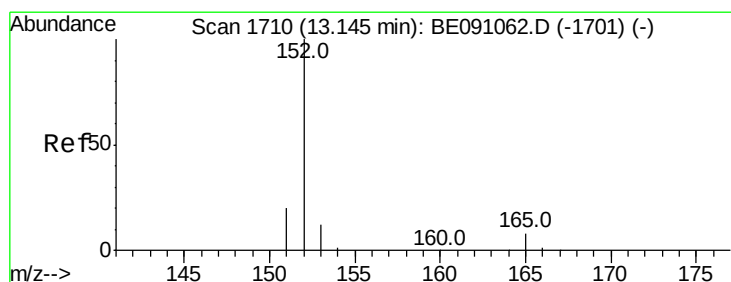
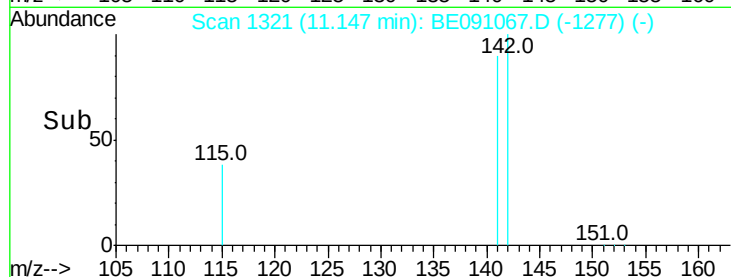
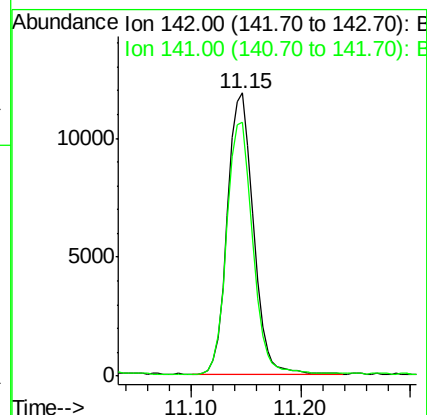
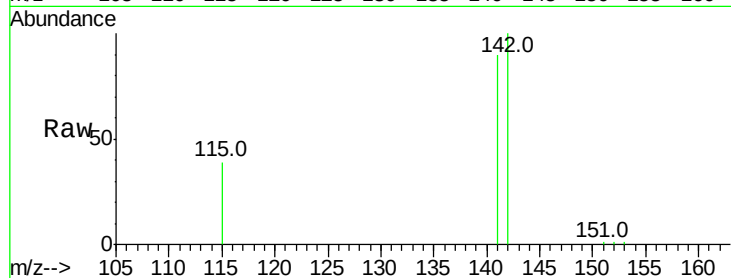
C0AN9

Tot Ion:142 Resp: 19360

Ion Ratio Lower Upper

142 100

141 90.1 70.3 105.5



#9

Acenaphthylene

Concen: 0.42 ng/ul

RT: 13.14 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

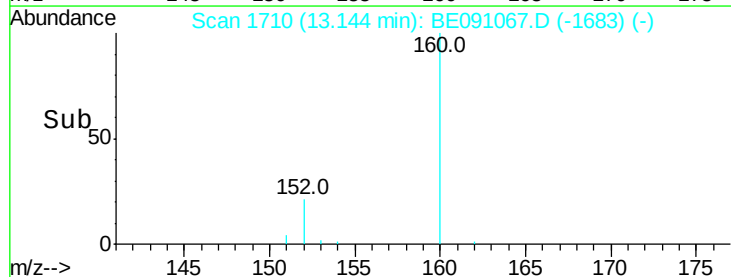
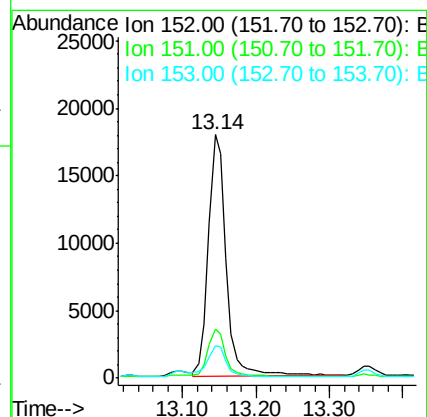
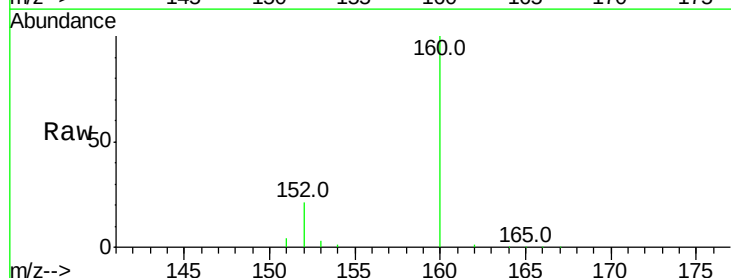
Tgt Ion:152 Resp: 30279

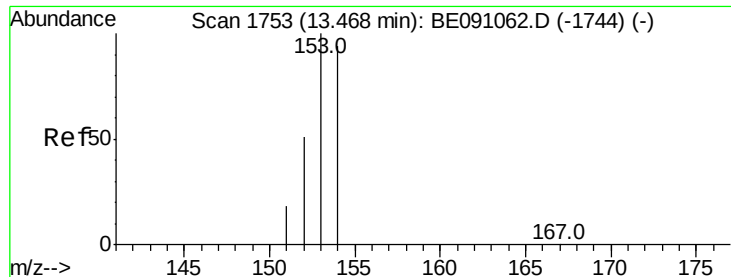
Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

153 13.3 11.3 16.9





#10

Acenaphthene

Concen: 3.48 ng/ul

RT: 13.46 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

Instrument :

BNA_E

ClientSampleId :

C0AN9

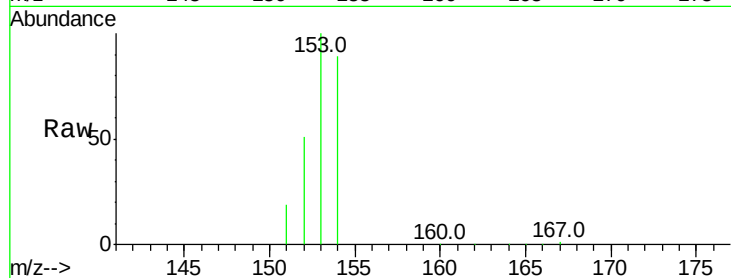
Tot Ion:153 Resp: 172937

Ion Ratio Lower Upper

153 100

152 51.2 42.3 63.5

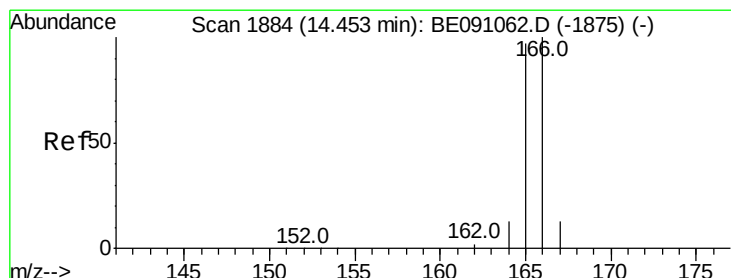
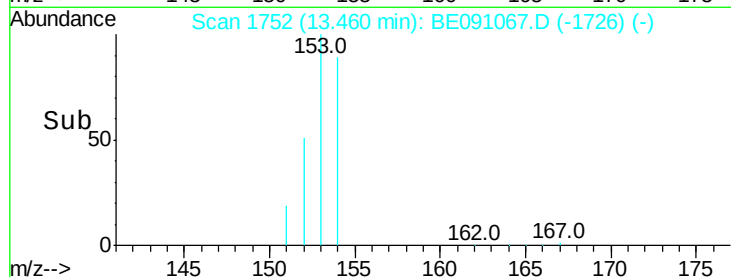
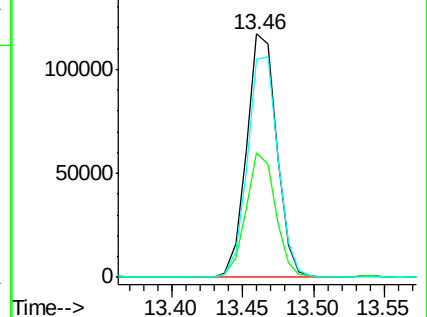
154 89.3 64.7 97.1



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: 3.06 ng/ul

RT: 14.45 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

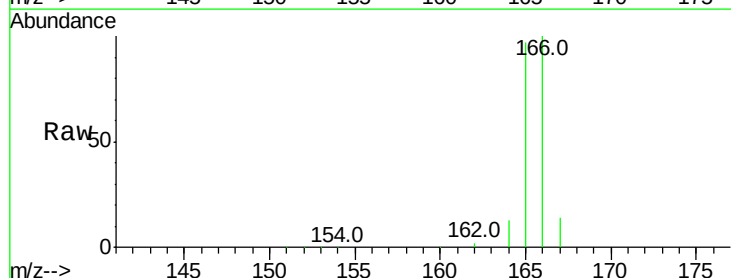
Tgt Ion:166 Resp: 195368

Ion Ratio Lower Upper

166 100

165 97.5 87.6 131.4

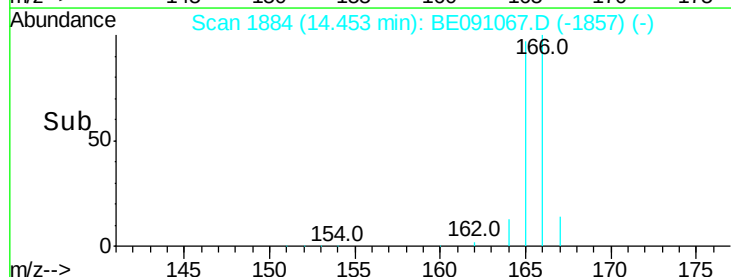
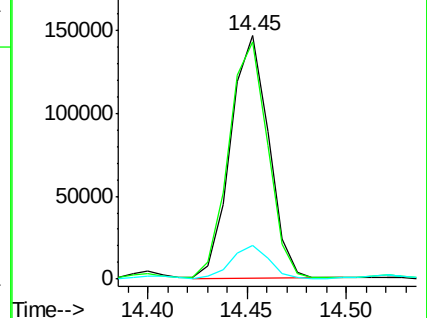
167 13.8 11.1 16.7

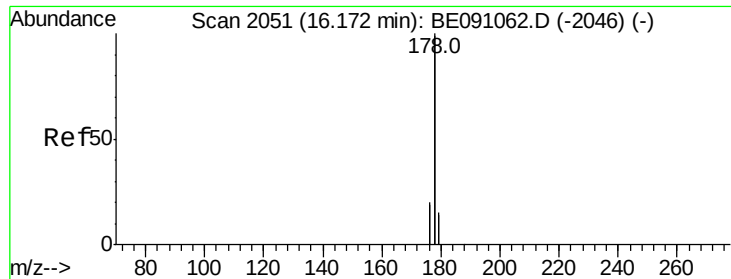


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#14

Phenanthrene

Concen: 0.07 ng/ul

RT: 16.24 min Scan# 2057

Delta R.T. 0.07 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

Instrument :

BNA_E

ClientSampleId :

C0AN9

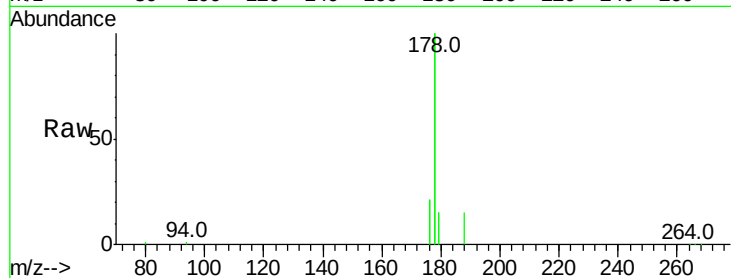
Tot Ion:178 Resp: 1524589

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

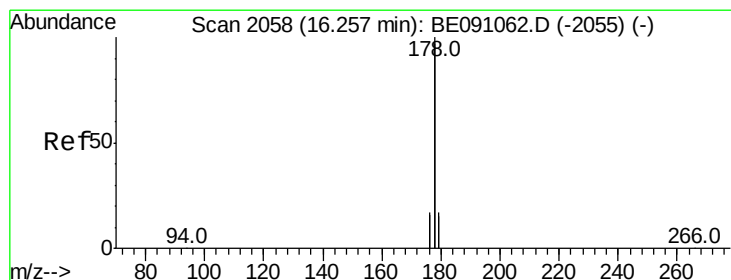
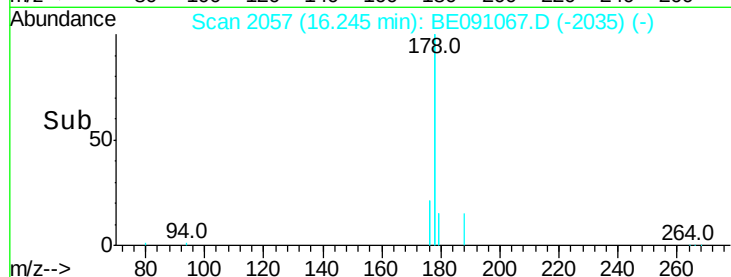
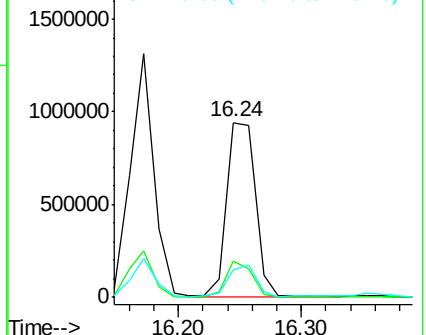
179 15.4 12.8 19.2



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: 0.07 ng/ul

RT: 16.24 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

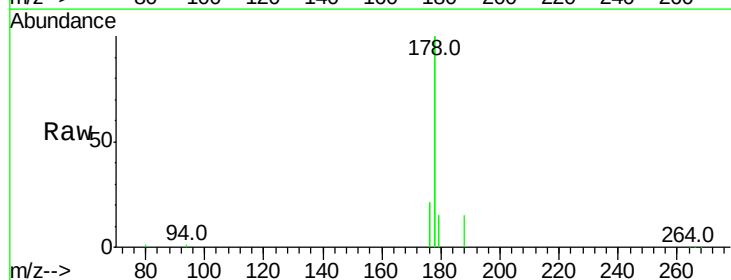
Tgt Ion:178 Resp: 1516698

Ion Ratio Lower Upper

178 100

176 21.0 15.8 23.8

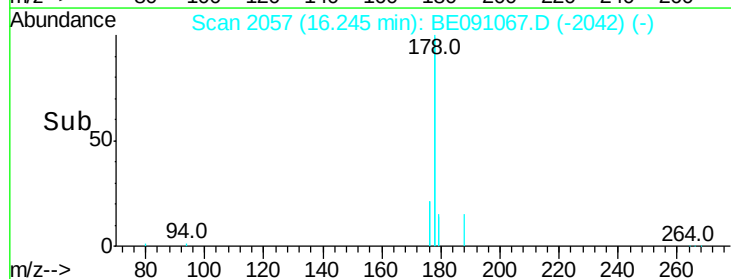
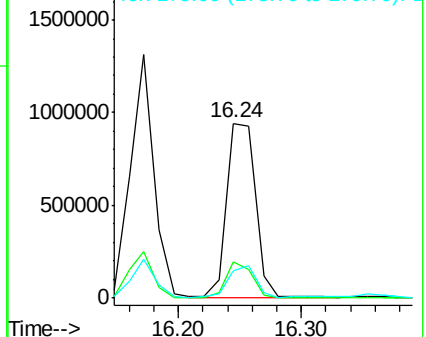
179 15.4 13.3 19.9

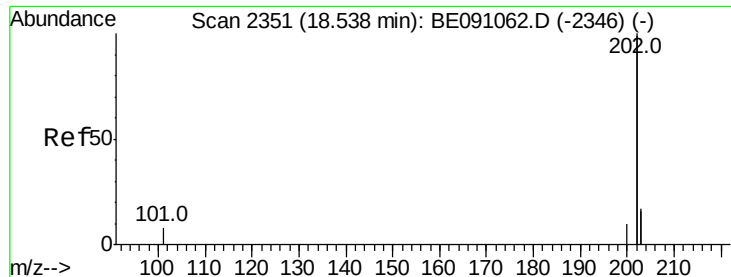


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#19

Pvrene

Concen: 6.59 ng/ul

RT: 18.54 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

Instrument :

BNA_E

ClientSampled :

COAN9

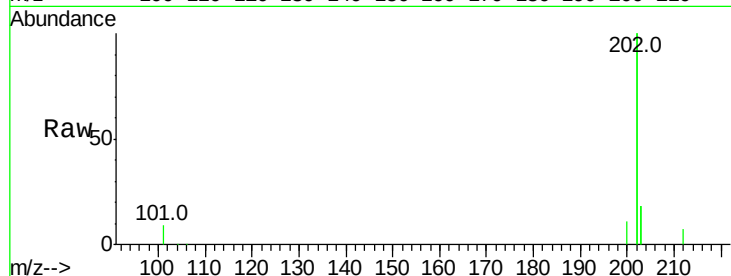
Tot Ion:202 Resp: 2587416

Ion Ratio Lower Upper

202 100

200 5.5 18.0 27.0#

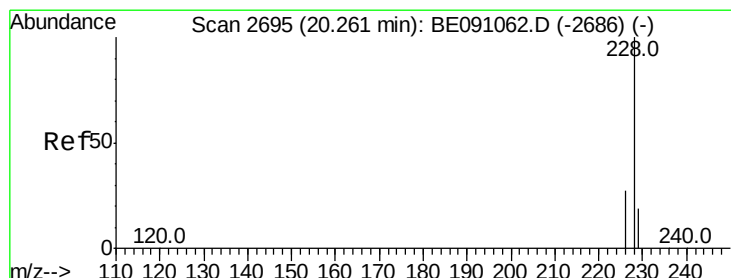
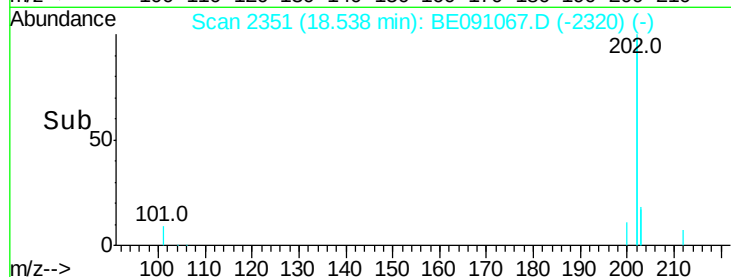
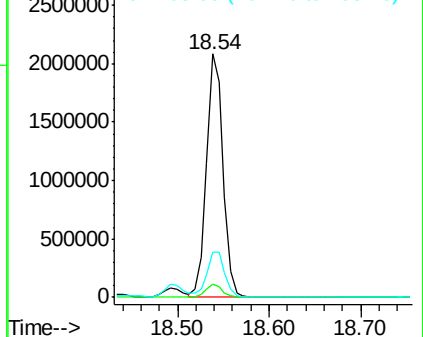
203 18.4 13.8 20.6



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: 3.45 ng/ul

RT: 20.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

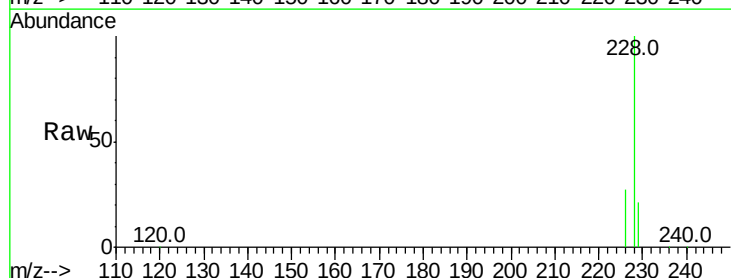
Tgt Ion:228 Resp: 306333

Ion Ratio Lower Upper

228 100

226 26.8 23.0 34.4

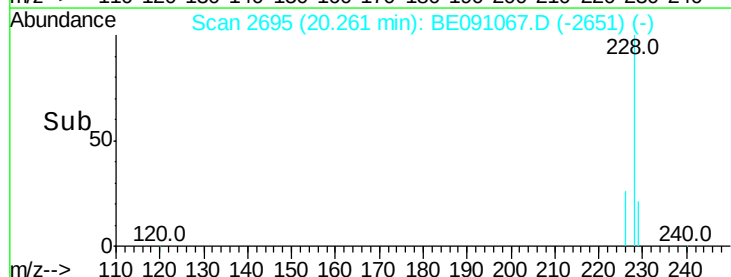
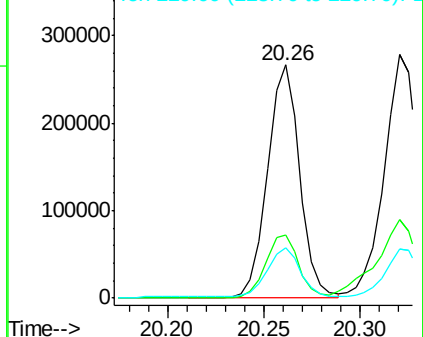
229 21.4 15.2 22.8

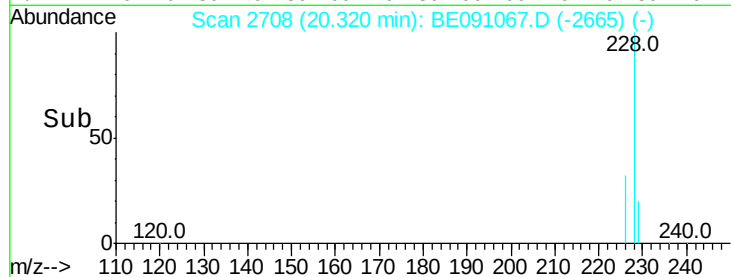
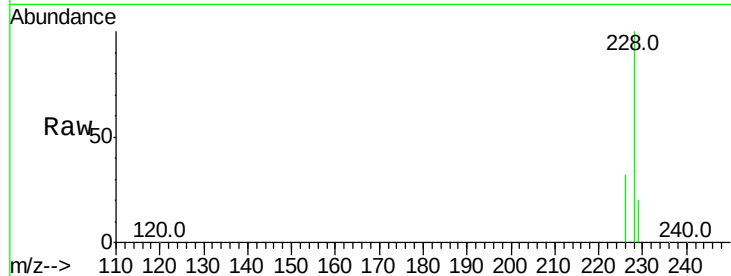
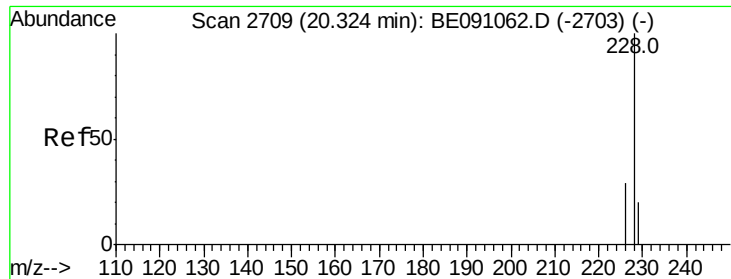


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 3.39 ng/ul

RT: 20.32 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE091067.D

Acq: 5 Nov 2015 13:18

Instrument :

BNA_E

ClientSampleId :

C0AN9

Tot Ion:228 Resp: 346673

Ion Ratio Lower Upper

228 100

226 32.1 25.7 38.5

229 20.1 15.2 22.8

