

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP8

Quant Time: Nov 06 06:43:04 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 06:42:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3579	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	20300	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	12056	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	1090291	0.40	ng/ul	0.09
18) Chrysene-d12	20.29	240	31604	0.40	ng/ul	0.00
22) Perylene-d12	22.07	264	1221255	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	12532	4.87	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.08	152	4953	0.18	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	14520	0.00	ng/ul	0.00

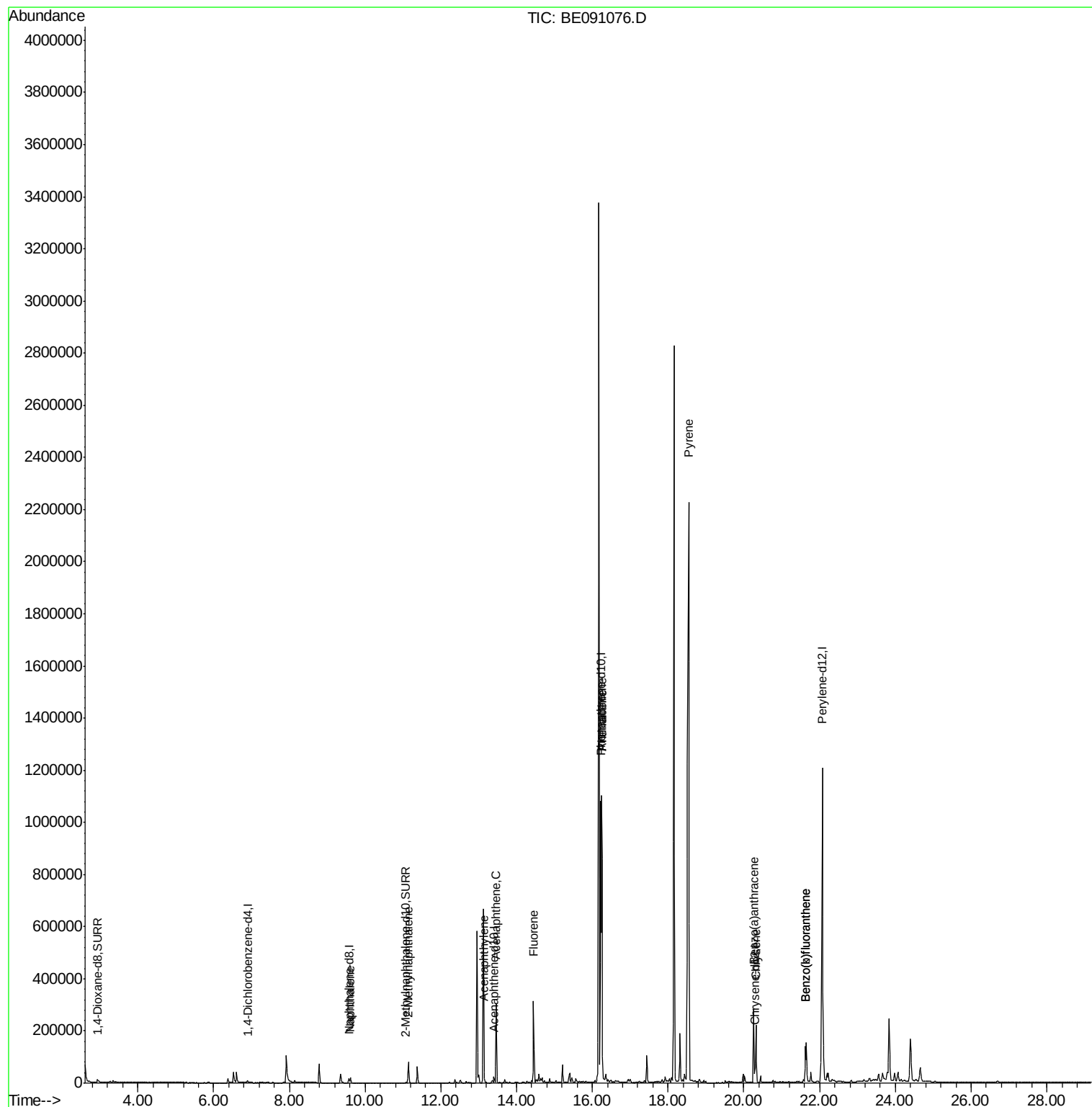
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	9.61	128	26683	0.53	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	55772	1.71	ng/ul	98
9) Acenaphthylene	13.15	152	16821	0.28	ng/ul	99
10) Acenaphthene	13.46	153	158750	3.85	ng/ul	92
11) Fluorene	14.45	166	187134	3.53	ng/ul	93
14) Phenanthrene	16.25	178	1185765	0.09	ng/ul	99
15) Anthracene	16.25	178	1179595	0.10	ng/ul	98
19) Pyrene	18.54	202	2053474	5.72	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	220499	2.72	ng/ul	97
21) Chrysene	20.32	228	198770	2.13	ng/ul	99
23) Benzo(b)fluoranthene	21.62	252	131630	0.03	ng/ul	94
24) Benzo(k)fluoranthene	21.62	252	131630	0.03	ng/ul	94

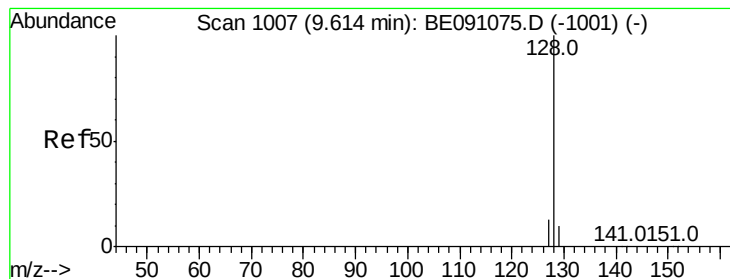
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.53 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

Instrument :

BNA_E

ClientSampleId :

C0AP8

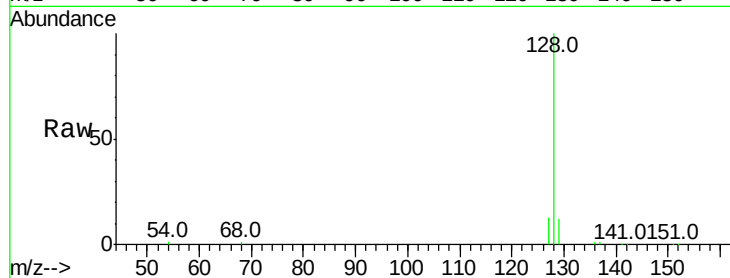
Tot Ion:128 Resp: 26683

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

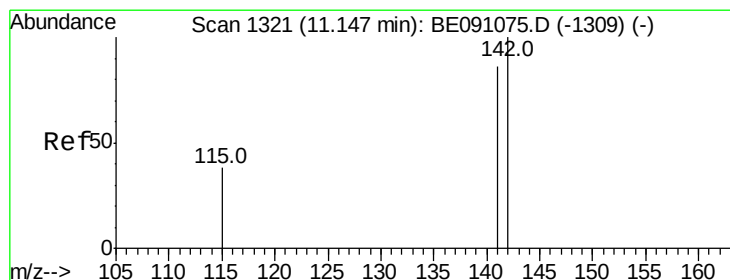
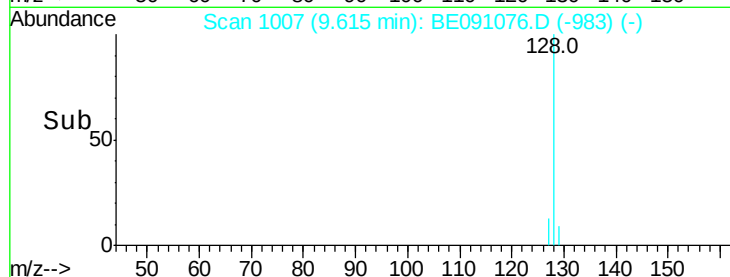
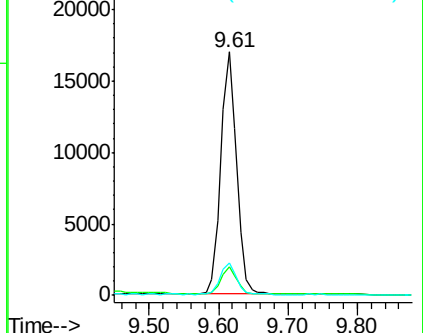
127 13.3 10.7 16.1



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: 1.71 ng/ul

RT: 11.14 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BE091076.D

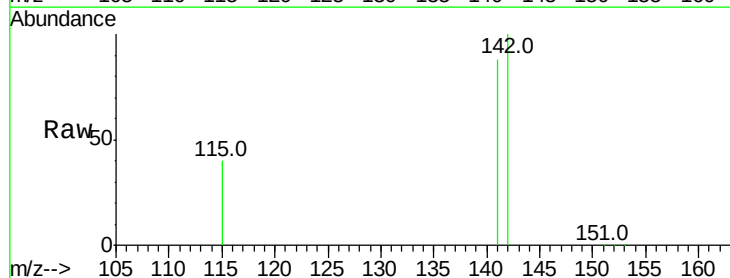
Acq: 5 Nov 2015 21:30

Tgt Ion:142 Resp: 55772

Ion Ratio Lower Upper

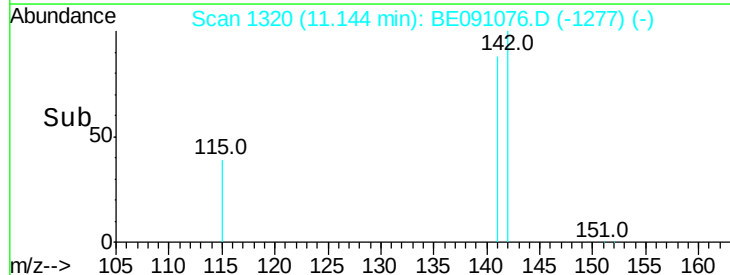
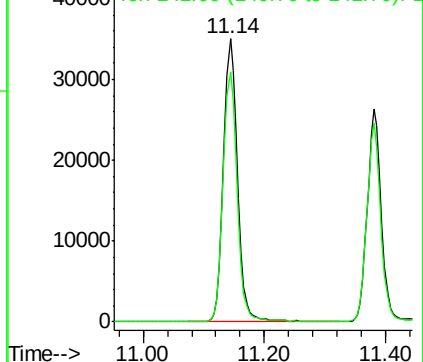
142 100

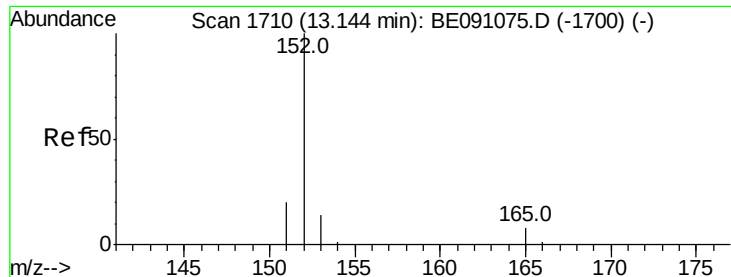
141 89.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.28 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

Instrument :

BNA_E

ClientSampleId :

C0AP8

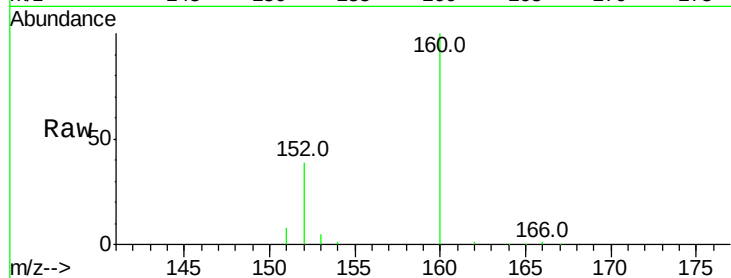
Tot Ion:152 Resp: 16821

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

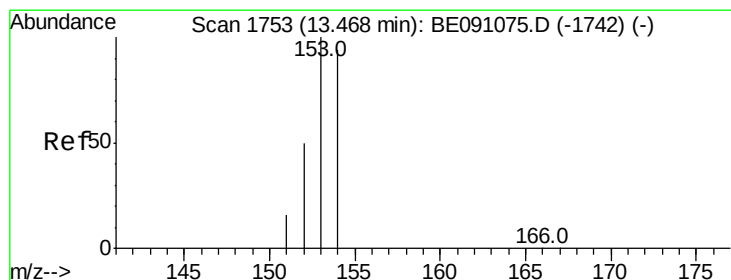
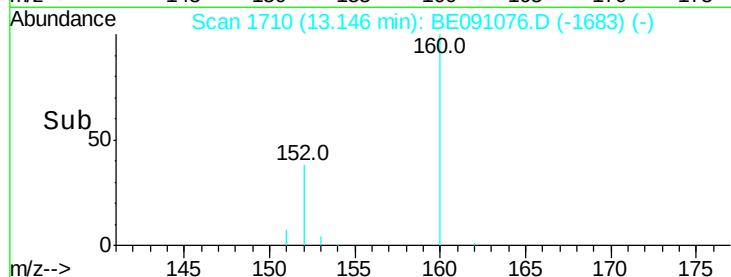
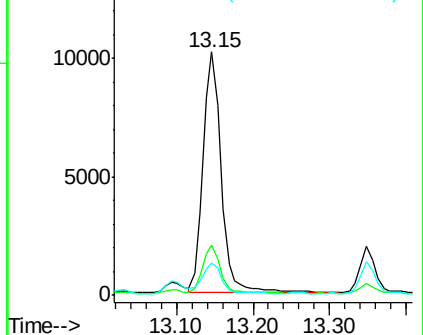
153 13.3 11.3 16.9



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: 3.85 ng/ul

RT: 13.46 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

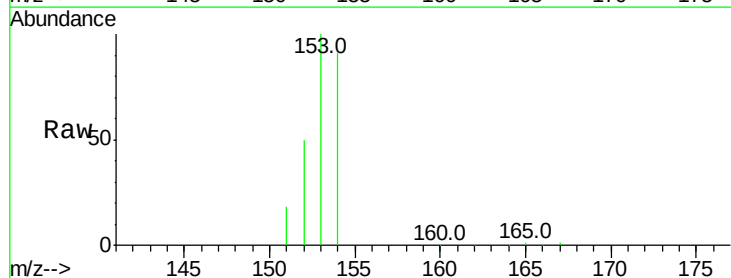
Tgt Ion:153 Resp: 158750

Ion Ratio Lower Upper

153 100

152 50.3 42.3 63.5

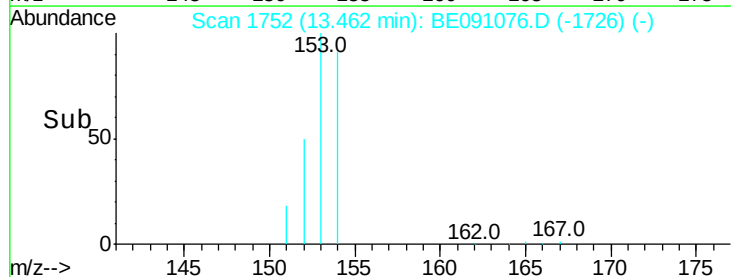
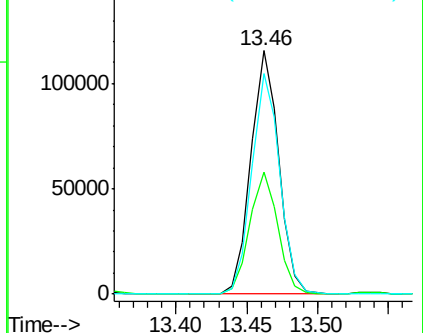
154 90.8 64.7 97.1

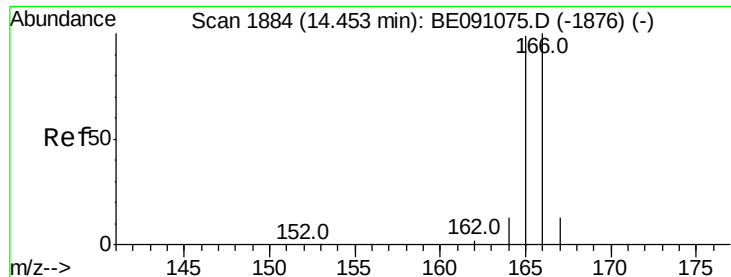


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 3.53 ng/ul

RT: 14.45 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

Instrument :

BNA_E

ClientSampleId :

C0AP8

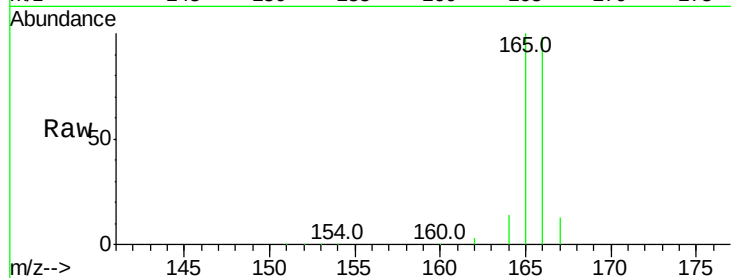
Tot Ion:166 Resp: 187134

Ion Ratio Lower Upper

166 100

165 101.7 87.6 131.4

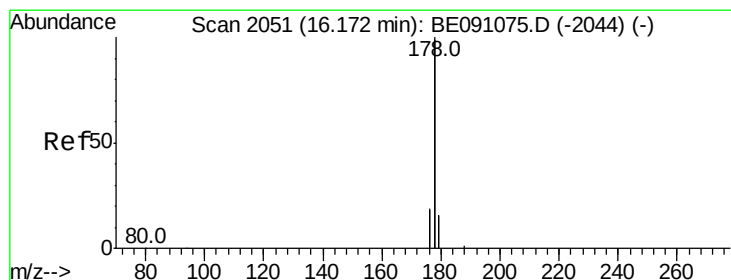
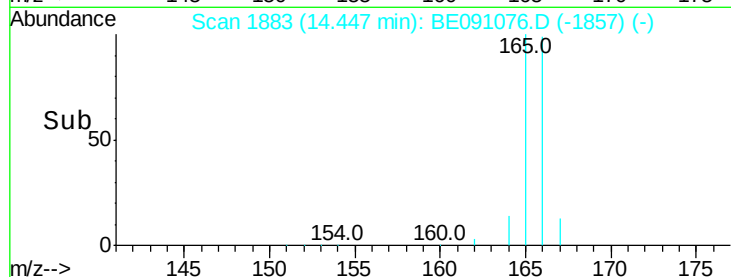
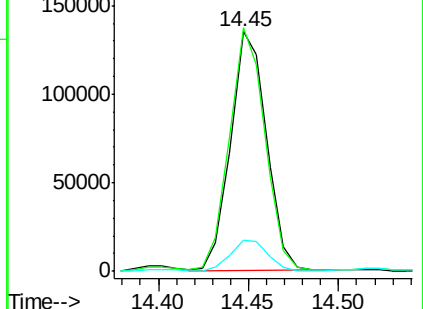
167 13.2 11.1 16.7



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: 0.09 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. 0.07 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

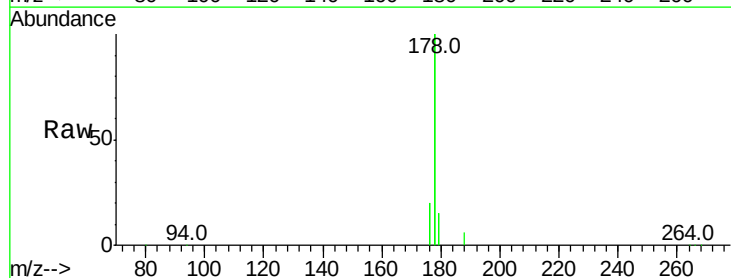
Tgt Ion:178 Resp: 1185765

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

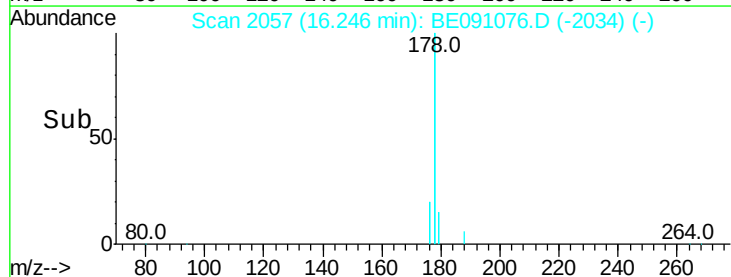
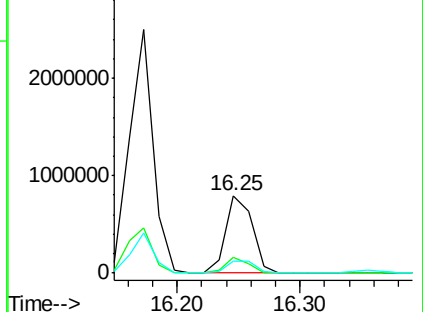
179 15.2 12.8 19.2

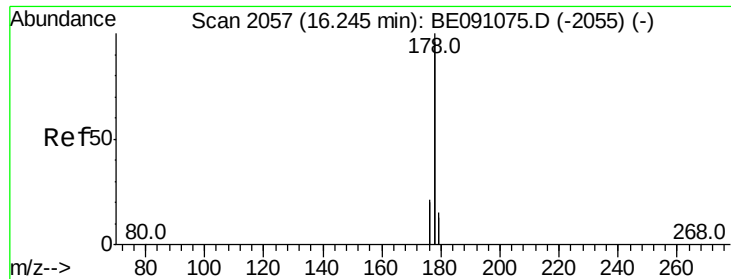


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Anthracene

Concen: 0.10 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

Instrument :

BNA_E

ClientSampleId :

C0AP8

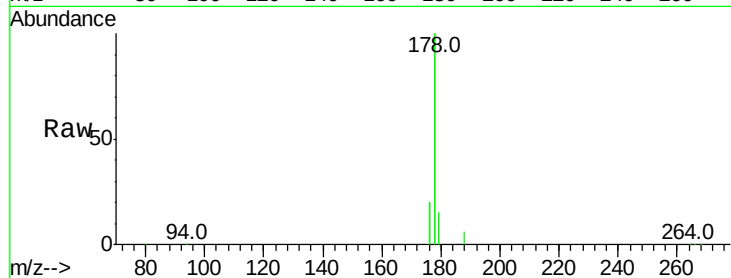
Tot Ion:178 Resp: 1179595

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

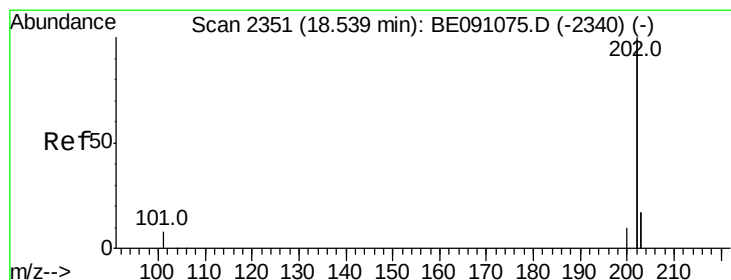
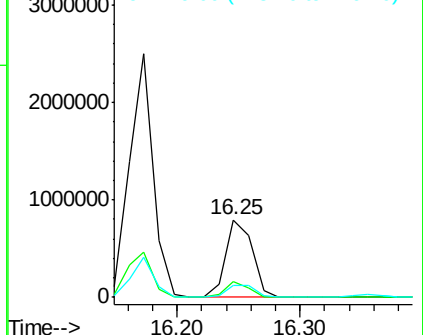
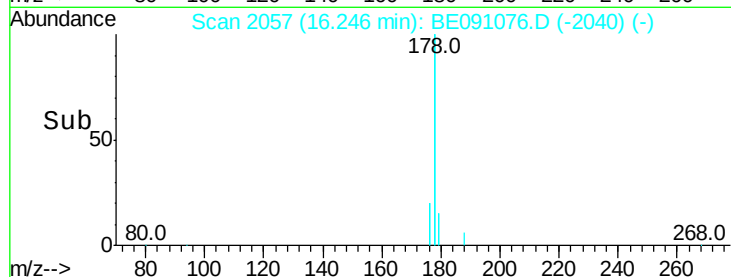
179 15.2 13.3 19.9



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: 5.72 ng/ul

RT: 18.54 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

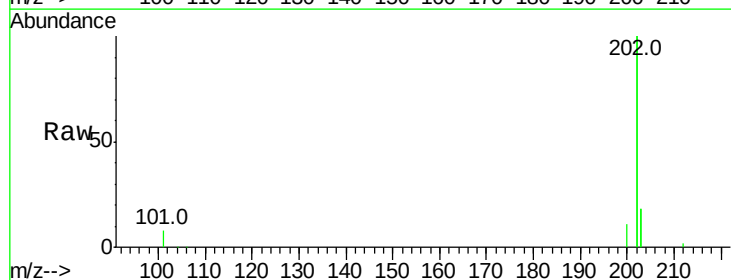
Tgt Ion:202 Resp: 2053474

Ion Ratio Lower Upper

202 100

200 5.3 18.0 27.0#

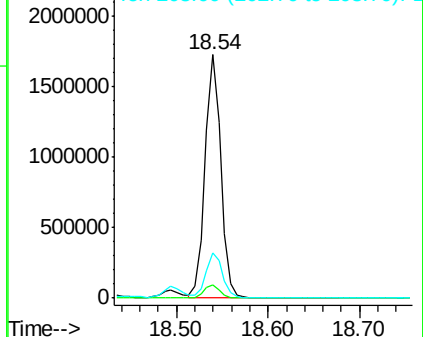
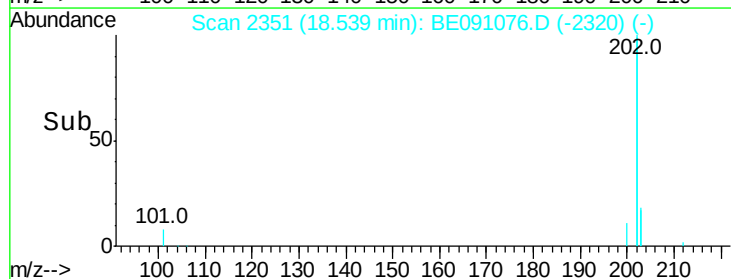
203 18.5 13.8 20.6

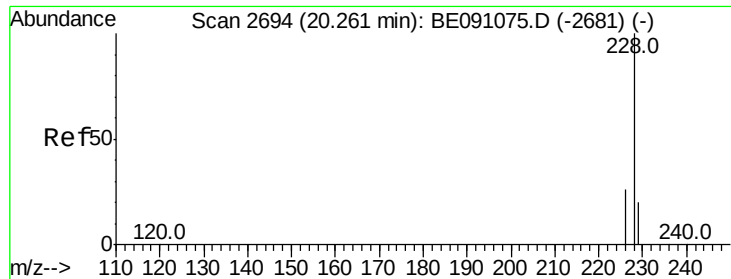


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 2.72 ng/ul

RT: 20.26 min Scan# 2694

Delta R.T. -0.00 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

Instrument :

BNA_E

ClientSampleId :

C0AP8

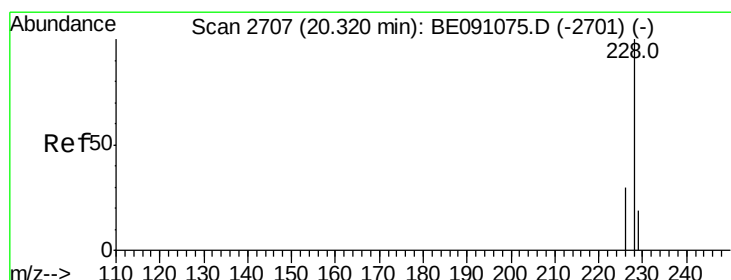
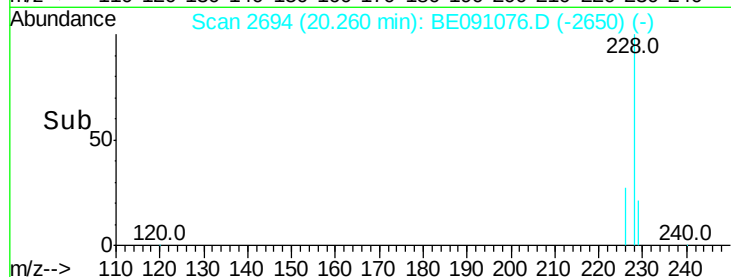
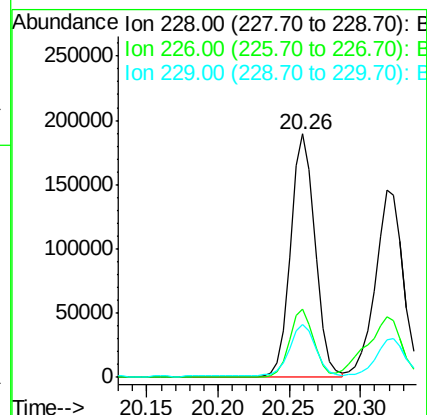
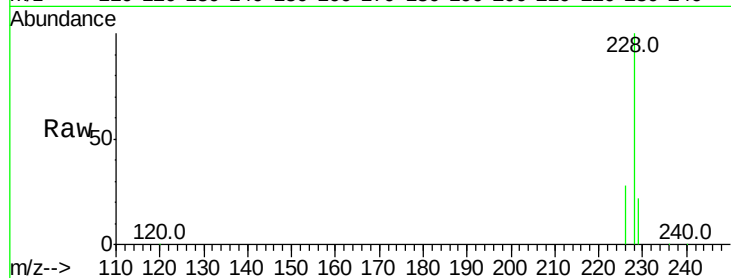
Tot Ion:228 Resp: 220499

Ion Ratio Lower Upper

228 100

226 27.9 23.0 34.4

229 21.7 15.2 22.8



#21

Chrysene

Concen: 2.13 ng/ul

RT: 20.32 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

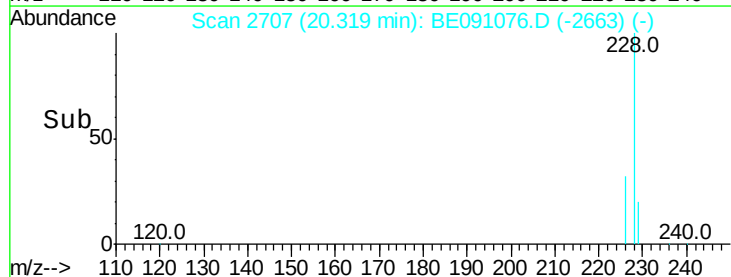
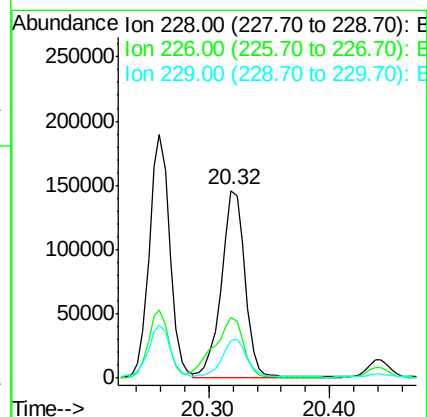
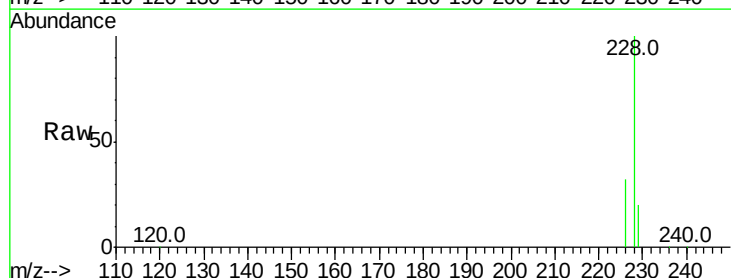
Tgt Ion:228 Resp: 198770

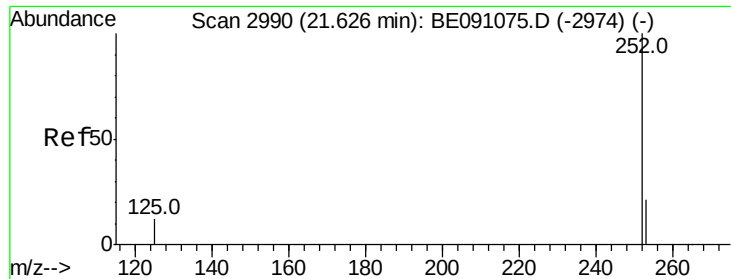
Ion Ratio Lower Upper

228 100

226 32.1 25.7 38.5

229 20.3 15.2 22.8





#23

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 21.62 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

Instrument :

BNA_E

ClientSampleId :

C0AP8

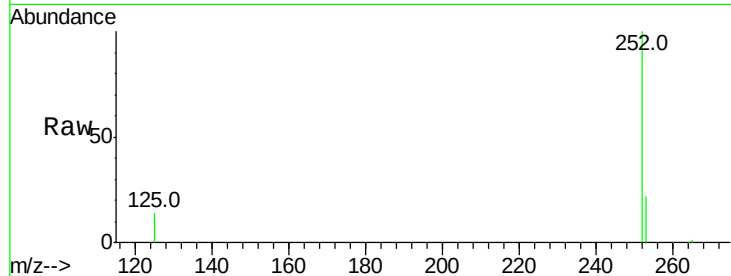
Tot Ion:252 Resp: 131630

Ion Ratio Lower Upper

252 100

253 22.5 0.0 48.0

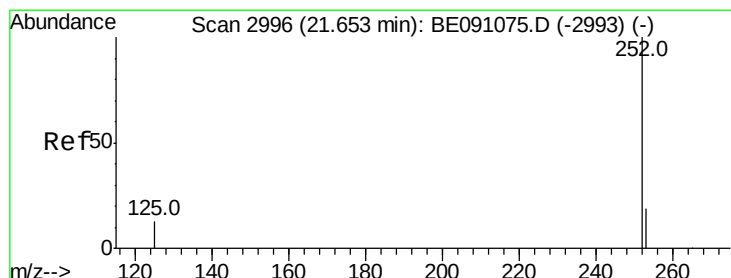
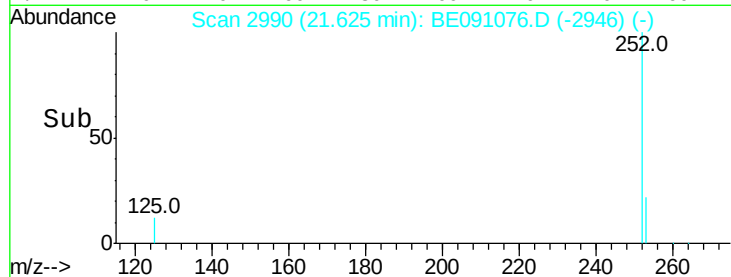
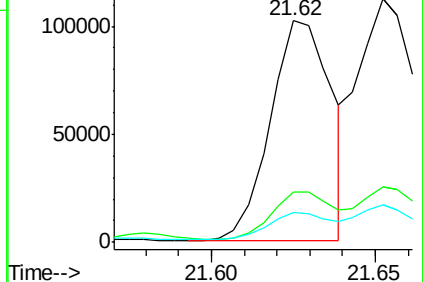
125 13.6 0.0 36.6



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: 0.03 ng/ul

RT: 21.62 min Scan# 2990

Delta R.T. -0.03 min

Lab File: BE091076.D

Acq: 5 Nov 2015 21:30

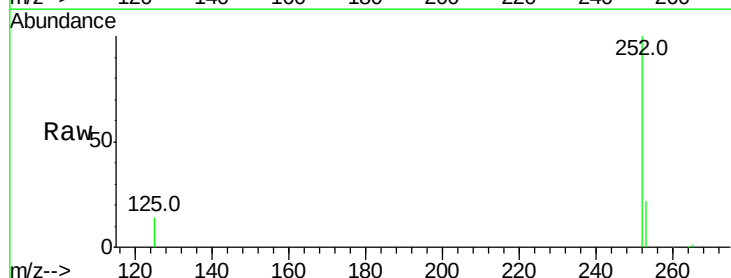
Tgt Ion:252 Resp: 131630

Ion Ratio Lower Upper

252 100

253 22.5 20.8 31.2

125 13.6 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

