

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111115\
 Data File : BE091129.D
 Acq On : 12 Nov 2015 1:48
 Operator : UM/NP
 Sample : G4322-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS7

Quant Time: Nov 13 15:21:19 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 13 13:56:00 2015
 Response via : Initial Calibration

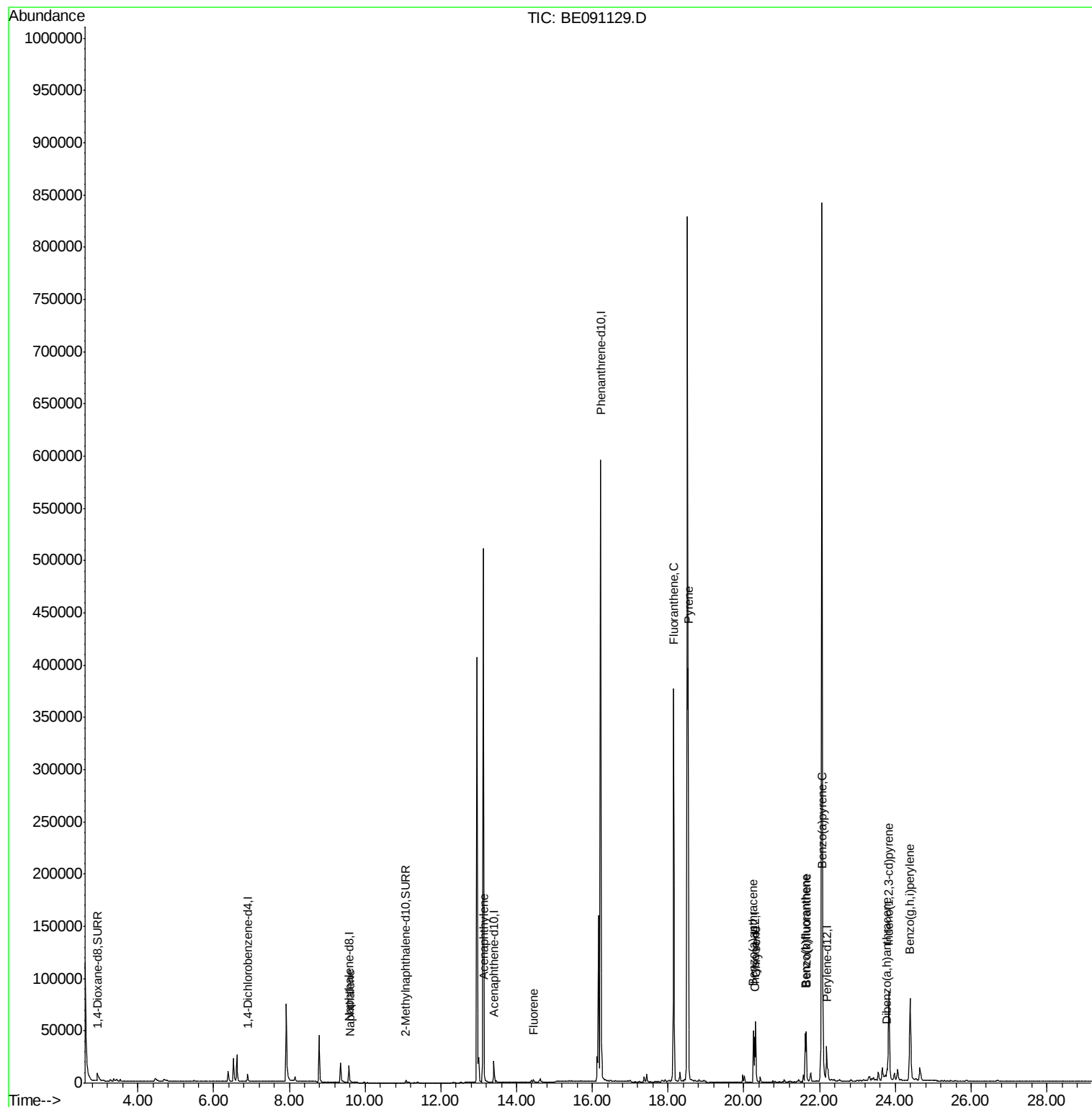
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3511	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	19159	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	10705	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	737009	0.40	ng/ul	0.08
18) Chrysene-d12	20.28	240	35598	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	39428	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.94	96	8379	3.32	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	11.08	152	3335	0.13	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	9071	0.00	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	9.61	128	1628	0.03	ng/ul#	88
9) Acenaphthylene	13.15	152	5883	0.11	ng/ul	97
11) Fluorene	14.45	166	1461	0.03	ng/ul#	92
17) Fluoranthene	18.15	202	404435	0.04	ng/ul	89
19) Pyrene	18.53	202	386572	0.96	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	38488	0.42	ng/ul	97
21) Chrysene	20.31	228	54596	0.52	ng/ul	98
23) Benzo(b)fluoranthene	21.62	252	44464	0.36	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	47766	0.38	ng/ul	95
25) Benzo(a)pyrene	22.09	252	48136	0.42	ng/ul	91
26) Indeno(1,2,3-cd)pyrene	23.83	276	125159	0.26	ng/ul#	88
27) Dibenzo(a,h)anthracene	23.78	278	6852	0.06	ng/ul#	74
28) Benzo(g,h,i)perylene	24.39	276	121081	0.24	ng/ul	99

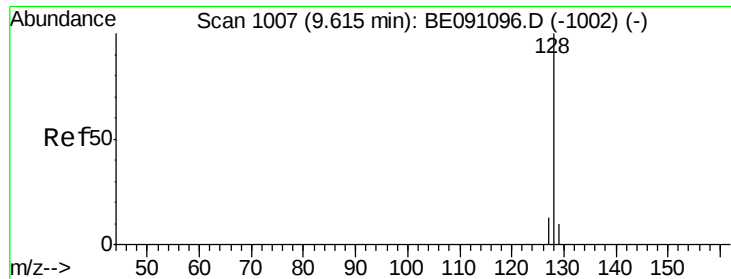
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 13 13:56:00 2015
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#5

Naphthalene

Concen: 0.03 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

Instrument :

BNA_E

ClientSampleId :

A4HS7

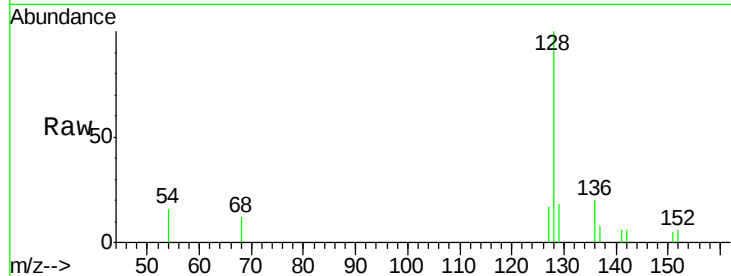
Tgt Ion:128 Resp: 1628

Ion Ratio Lower Upper

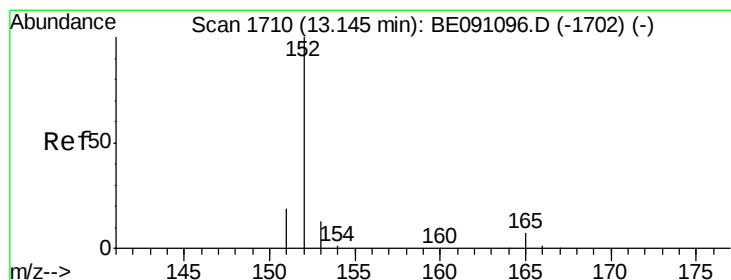
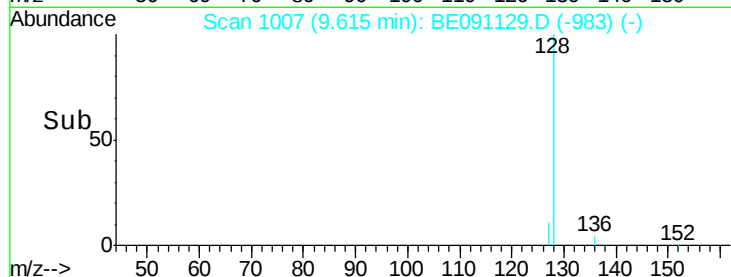
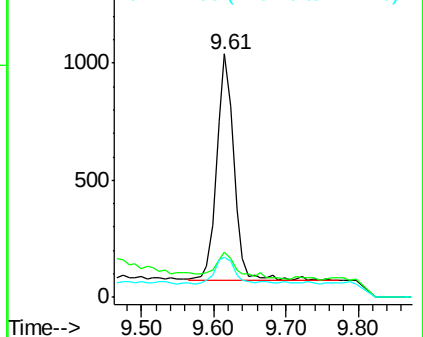
128 100

129 18.4 9.8 14.8#

127 16.6 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



#9

Acenaphthylene

Concen: 0.11 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

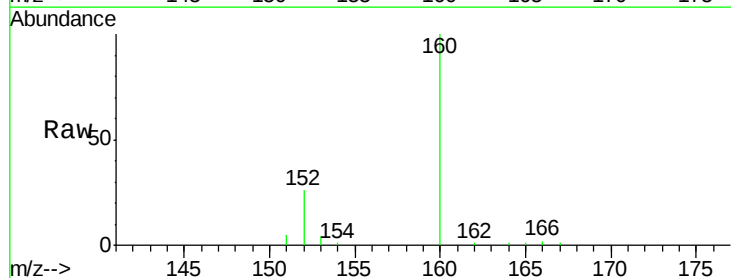
Tgt Ion:152 Resp: 5883

Ion Ratio Lower Upper

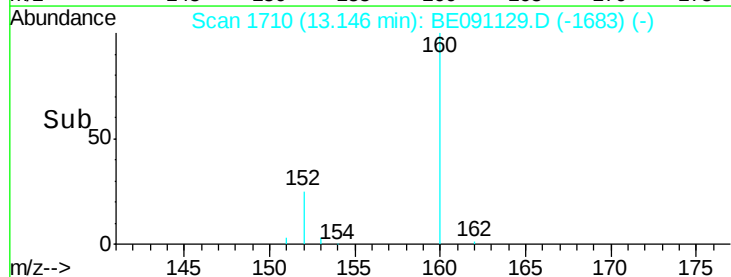
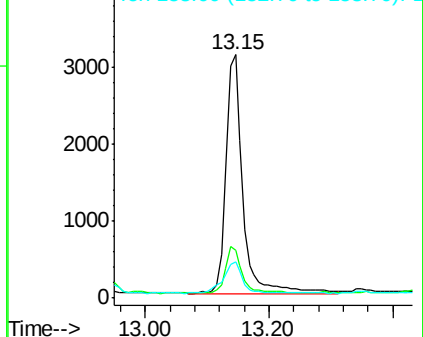
152 100

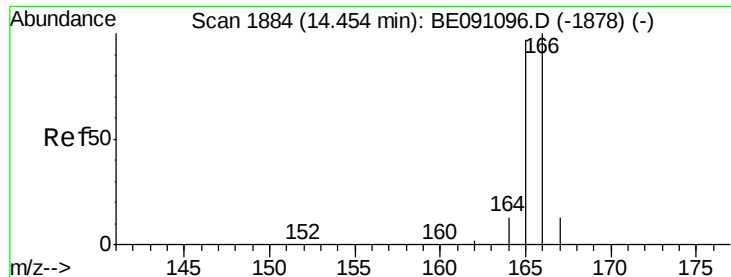
151 19.5 16.8 25.2

153 14.7 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





#11

Fluorene

Concen: 0.03 ng/ul

RT: 14.45 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

Instrument :

BNA_E

ClientSampleId :

A4HS7

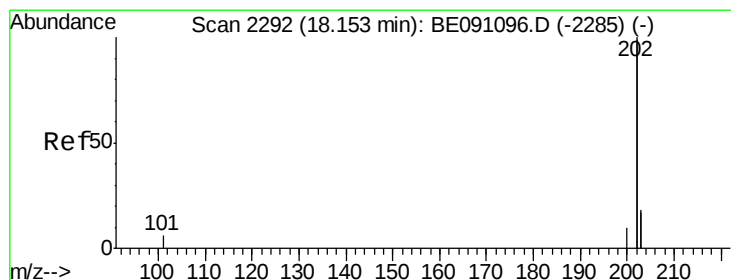
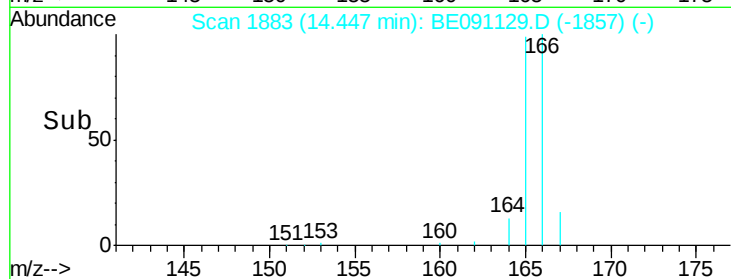
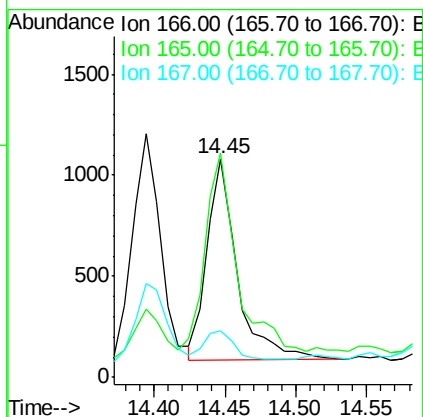
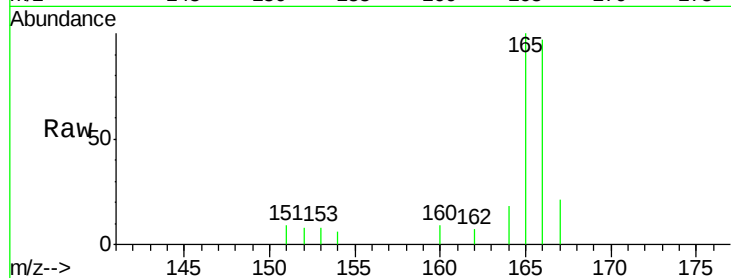
Tgt Ion:166 Resp: 1461

Ion Ratio Lower Upper

166 100

165 102.9 87.6 131.4

167 21.6 11.1 16.7#



#17

Fluoranthene

Concen: 0.04 ng/ul

RT: 18.15 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

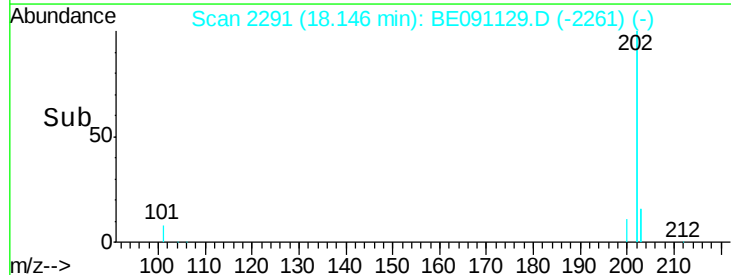
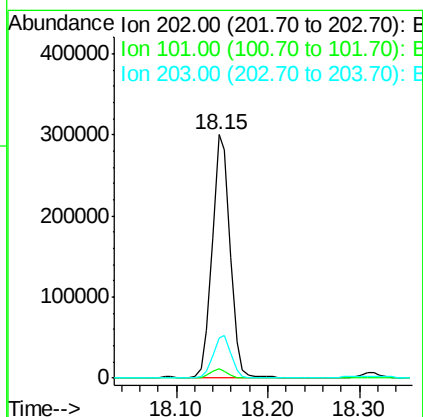
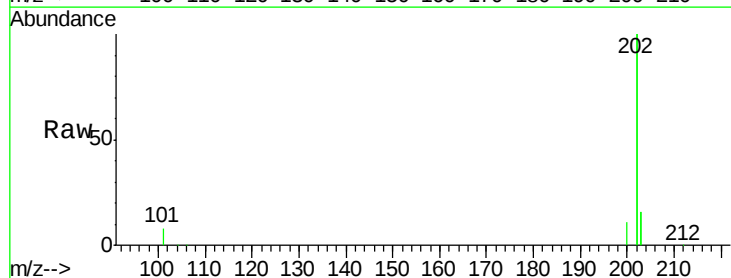
Tgt Ion:202 Resp: 404435

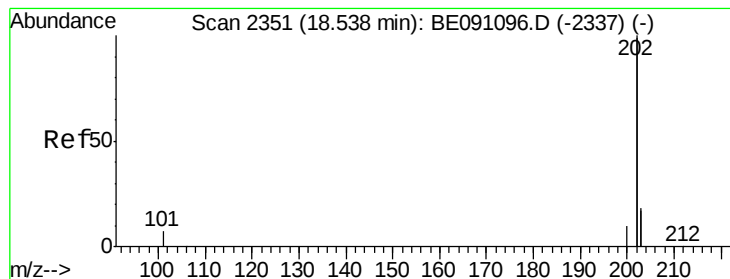
Ion Ratio Lower Upper

202 100

101 3.9 0.0 33.1

203 16.3 0.0 37.2





#19

Pyrene

Concen: 0.96 ng/ul

RT: 18.53 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

Instrument :

BNA_E

ClientSampleId :

A4HS7

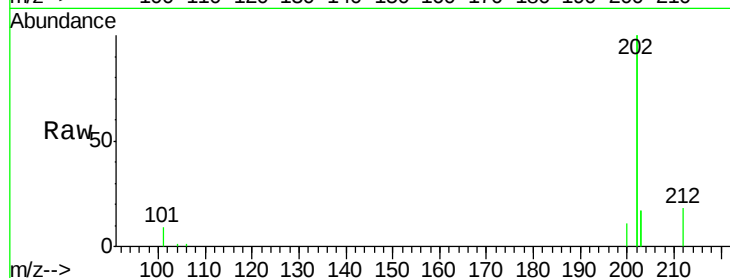
Tgt Ion:202 Resp: 386572

Ion Ratio Lower Upper

202 100

200 5.6 18.0 27.0#

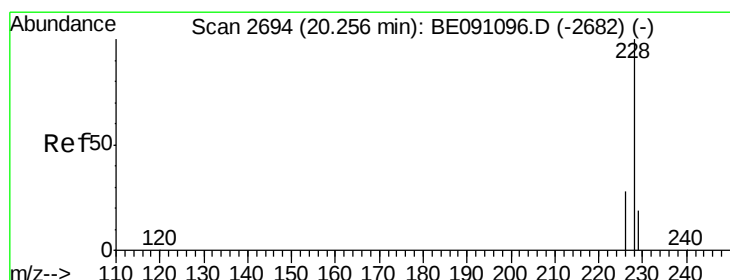
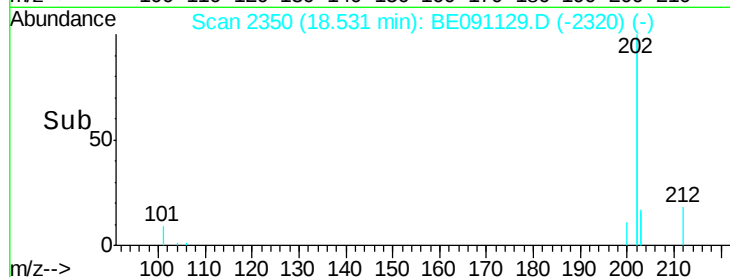
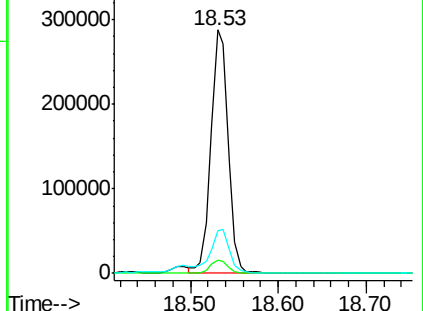
203 17.3 13.8 20.6



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: 0.42 ng/ul

RT: 20.26 min Scan# 2694

Delta R.T. -0.00 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

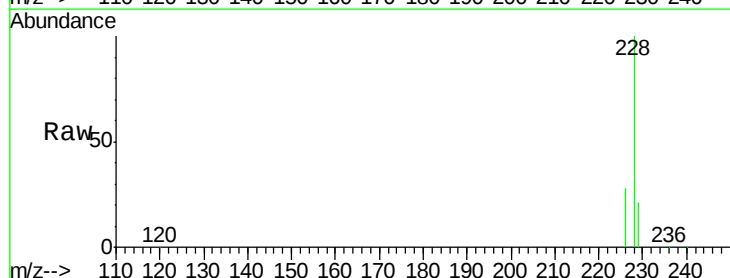
Tgt Ion:228 Resp: 38488

Ion Ratio Lower Upper

228 100

226 27.6 23.0 34.4

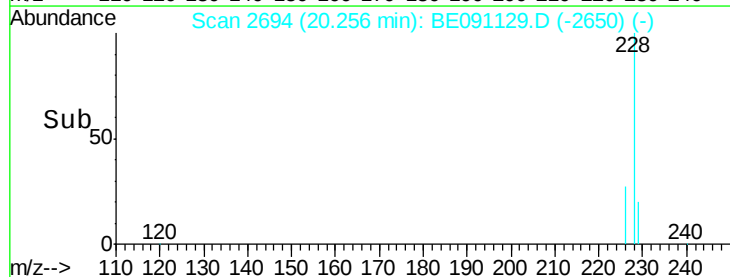
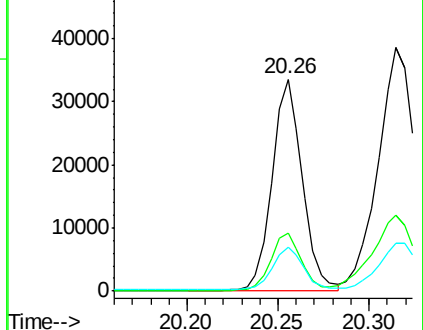
229 20.6 15.2 22.8

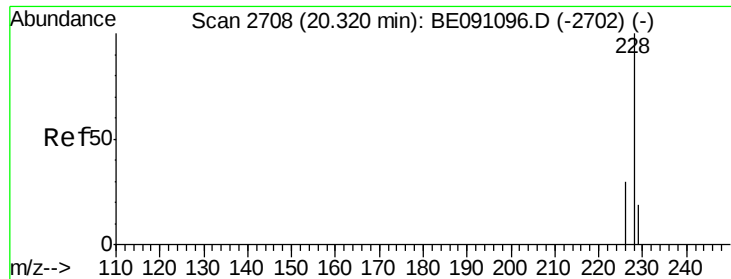


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.52 ng/ul

RT: 20.31 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

Instrument :

BNA_E

ClientSampled :

A4HS7

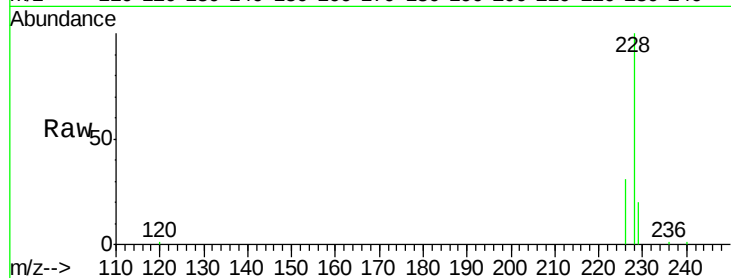
Tgt Ion:228 Resp: 54596

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

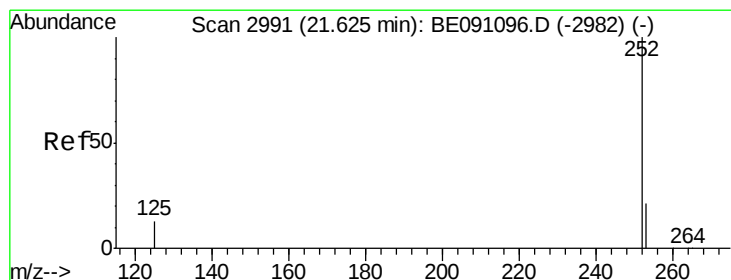
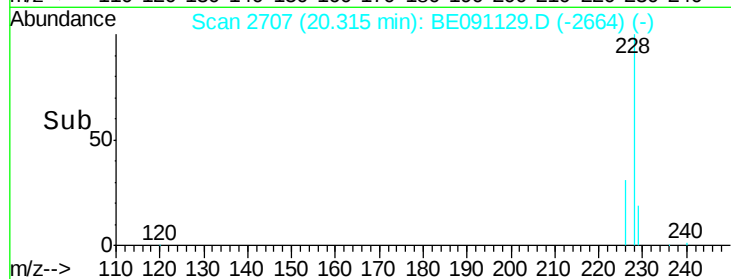
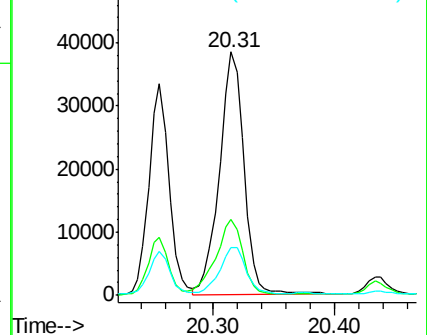
229 19.8 15.2 22.8



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: 0.36 ng/ul

RT: 21.62 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

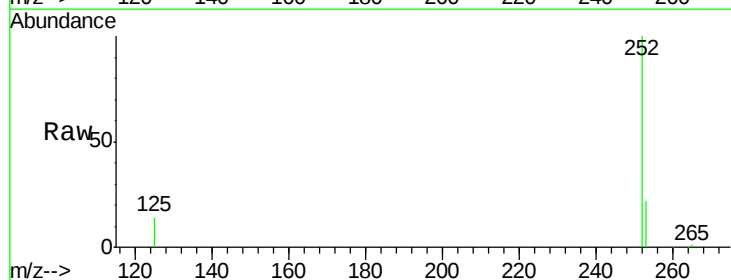
Tgt Ion:252 Resp: 44464

Ion Ratio Lower Upper

252 100

253 22.1 0.0 48.0

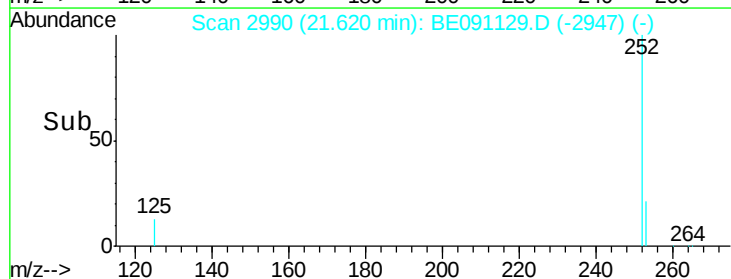
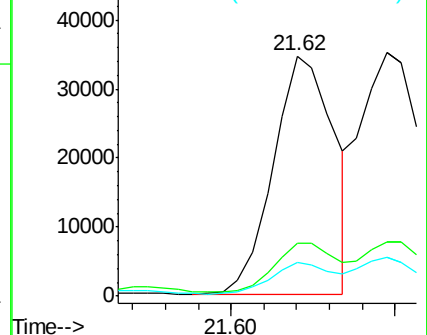
125 14.0 0.0 36.6

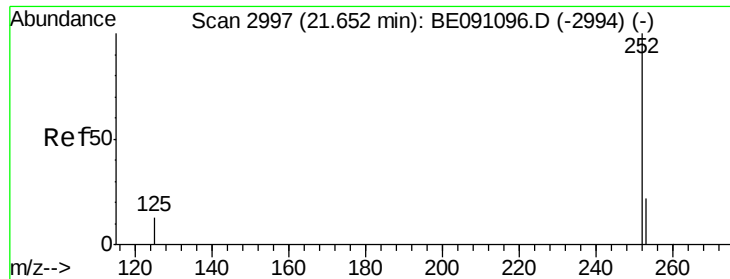


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.38 ng/ul

RT: 21.65 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

Instrument :

BNA_E

ClientSampleId :

A4HS7

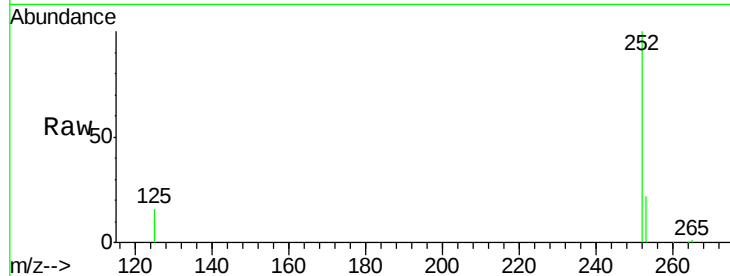
Tgt Ion:252 Resp: 47766

Ion Ratio Lower Upper

252 100

253 22.1 20.8 31.2

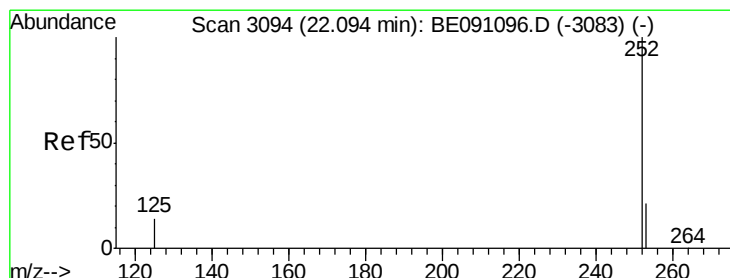
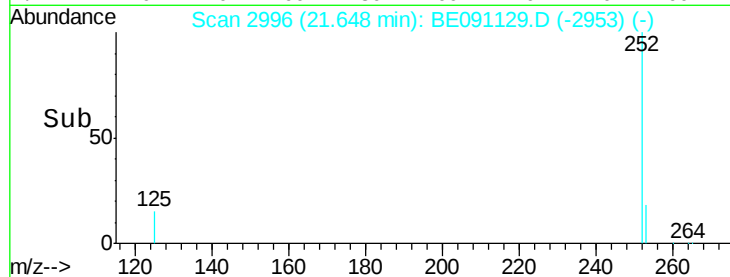
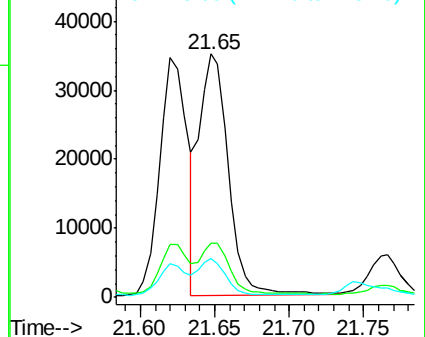
125 15.8 12.2 18.4



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: 0.42 ng/ul

RT: 22.09 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

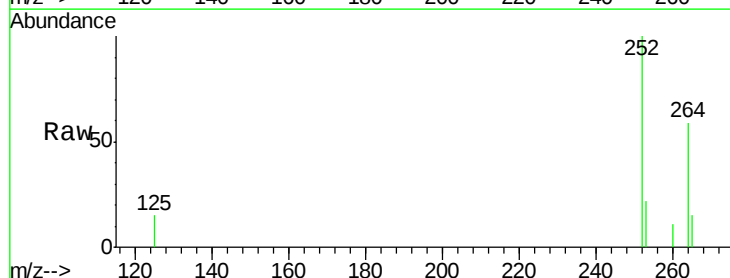
Tgt Ion:252 Resp: 48136

Ion Ratio Lower Upper

252 100

253 22.2 21.8 32.8

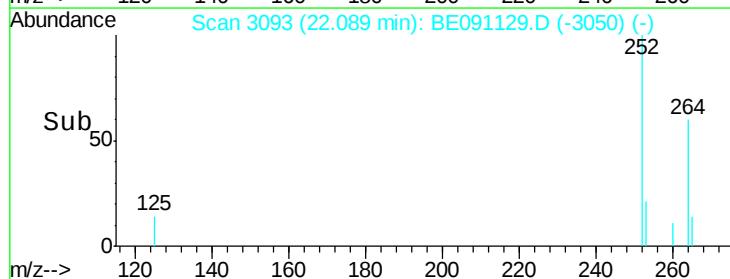
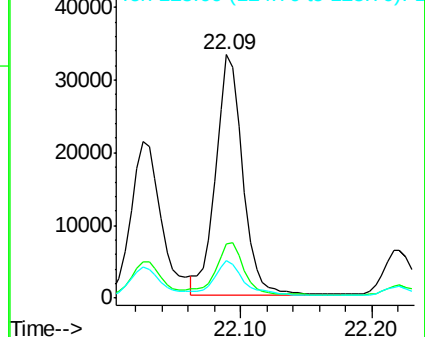
125 15.2 14.5 21.7

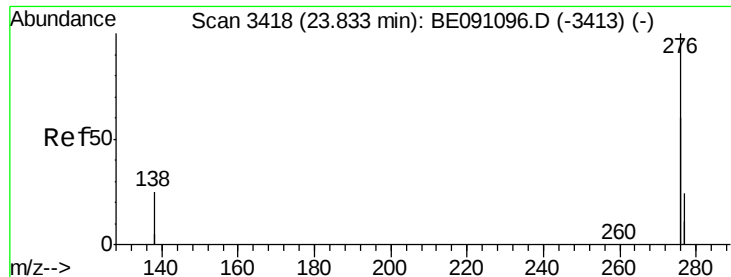


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.26 ng/ul

RT: 23.83 min Scan# 3417

Delta R.T. -0.01 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

Instrument :

BNA_E

ClientSampleId :

A4HS7

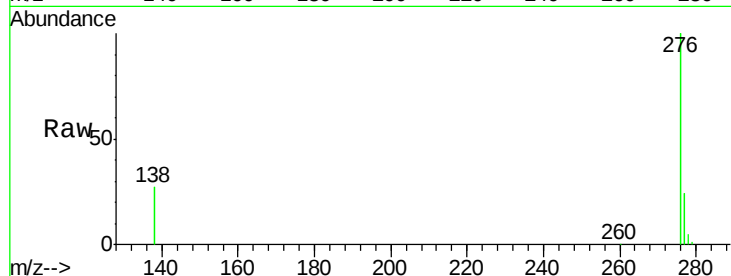
Tgt Ion:276 Resp: 125159

Ion Ratio Lower Upper

276 100

138 23.3 27.5 41.3#

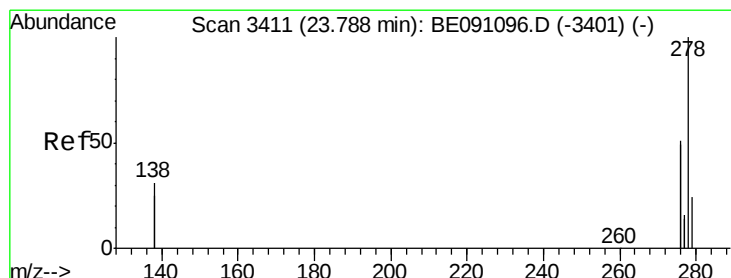
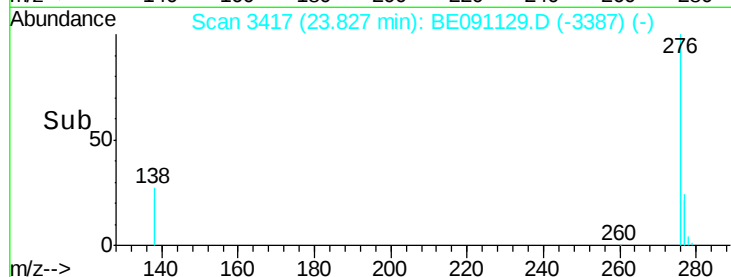
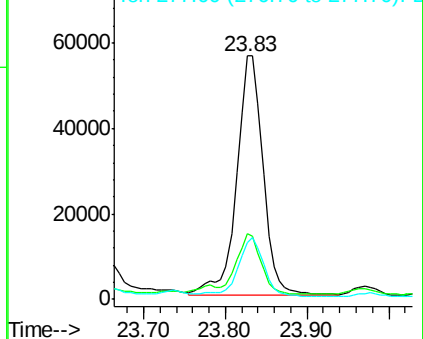
277 24.8 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#27

Dibenzo(a,h)anthracene

Concen: 0.06 ng/ul

RT: 23.78 min Scan# 3410

Delta R.T. -0.01 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

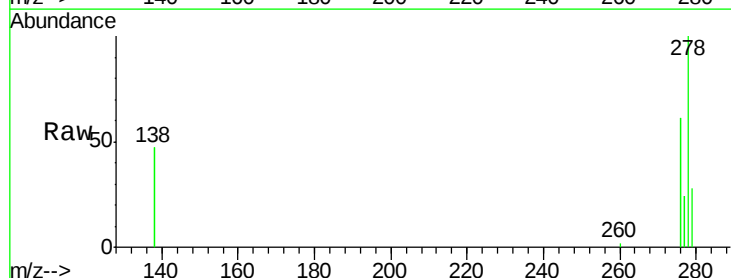
Tgt Ion:278 Resp: 6852

Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

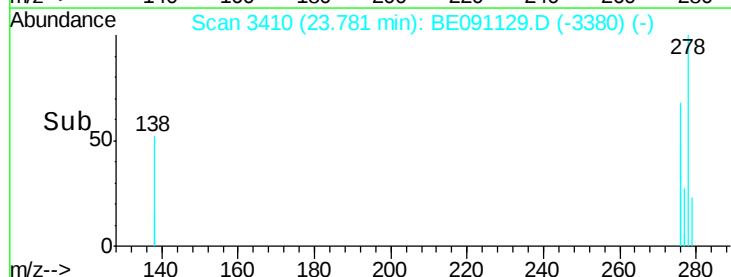
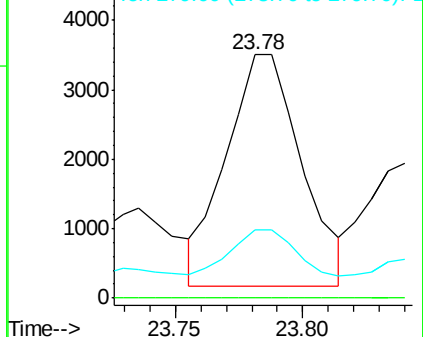
279 27.9 21.9 32.9

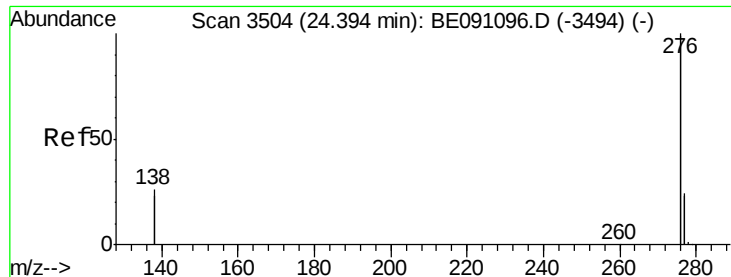


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.24 ng/ul

RT: 24.39 min Scan# 3504

Delta R.T. -0.00 min

Lab File: BE091129.D

Acq: 12 Nov 2015 1:48

Instrument :

BNA_E

ClientSampleId :

A4HS7

Tgt Ion: 276 Resp: 121081

Ion Ratio Lower Upper

276 100

277 25.8 21.3 31.9

138 32.1 25.5 38.3

