

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091075.D
 Acq On : 5 Nov 2015 20:16
 Operator : UM/NP
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.486

Quant Time: Nov 06 05:45:22 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

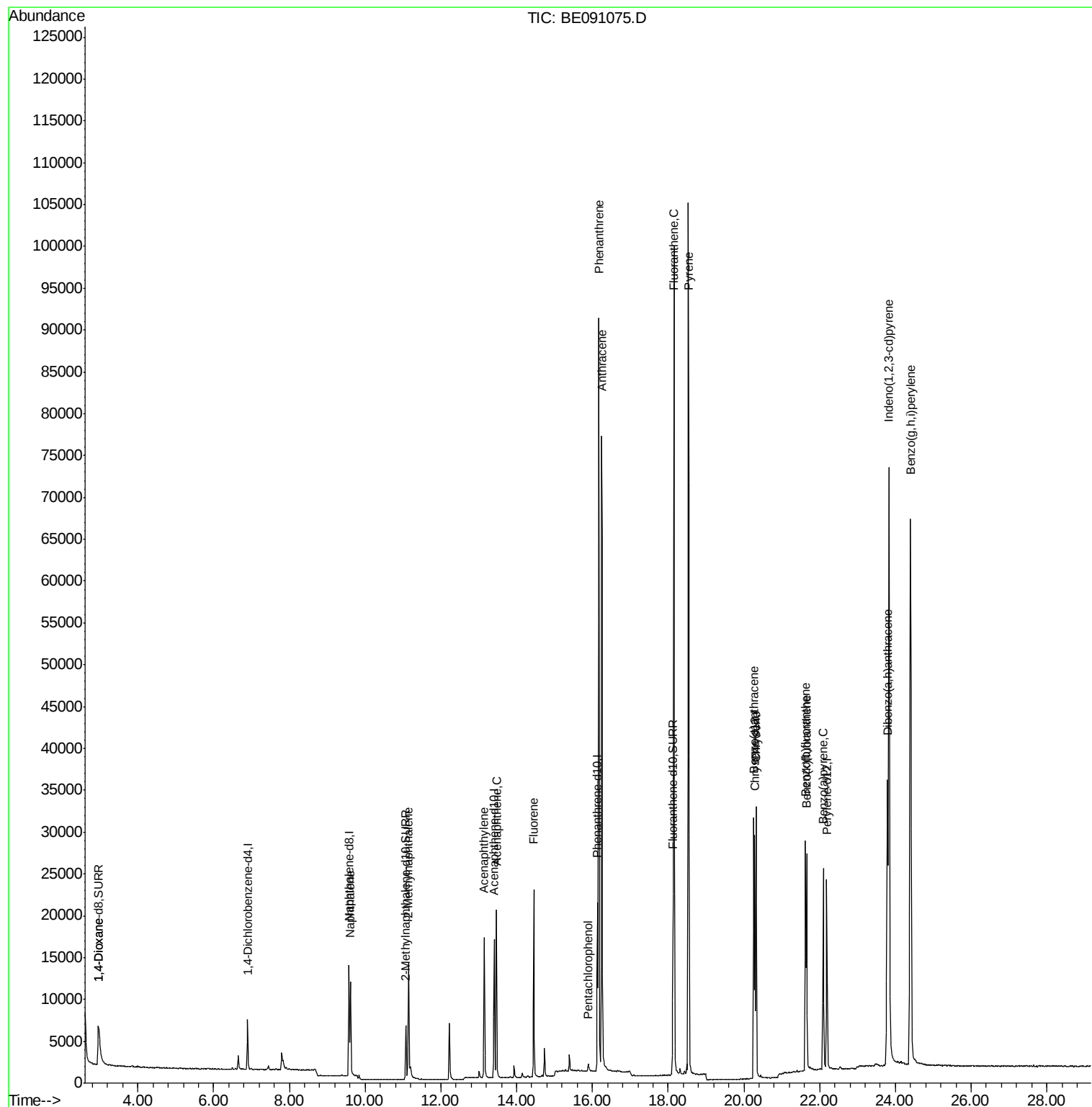
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	2952	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	16295	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	9425	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	22268	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	24142	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	23560	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.95	96	3619	1.70	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.07	152	8963	0.40	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	22811	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	2.97	88	3984	1.66	ng/ul#	60
5) Naphthalene	9.61	128	15316	0.38	ng/ul	98
7) 2-Methylnaphthalene	11.15	142	10602	0.40	ng/ul	93
9) Acenaphthylene	13.14	152	18248	0.39	ng/ul	99
10) Acenaphthene	13.47	153	12306	0.38	ng/ul	90
11) Fluorene	14.45	166	14341	0.35	ng/ul	91
13) Pentachlorophenol	15.89	266	899	0.42	ng/ul	95
14) Phenanthrene	16.17	178	97024	0.38	ng/ul	98
15) Anthracene	16.25	178	92503	0.40	ng/ul	97
17) Fluoranthene	18.15	202	108683	0.36	ng/ul	89
19) Pyrene	18.54	202	110061	0.40	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	25836	0.42	ng/ul	97
21) Chrysene	20.32	228	26332	0.37	ng/ul	99
23) Benzo(b)fluoranthene	21.63	252	25790	0.35	ng/ul	93
24) Benzo(k)fluoranthene	21.65	252	27615	0.37	ng/ul	95
25) Benzo(a)pyrene	22.09	252	25634	0.38	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	23.83	276	104176	0.36	ng/ul#	87
27) Dibenzo(a,h)anthracene	23.79	278	25889	0.38	ng/ul#	71
28) Benzo(g,h,i)perylene	24.40	276	109187	0.36	ng/ul	92

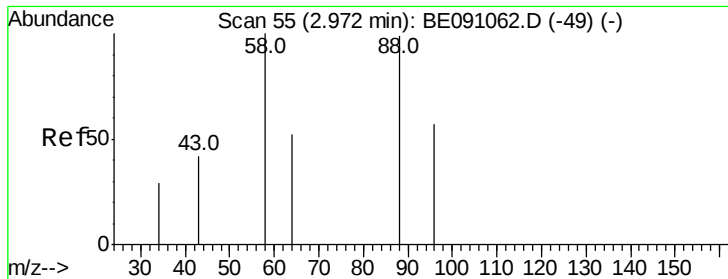
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091075.D
Acq On : 5 Nov 2015 20:16
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 06 05:45:22 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





#3

1,4-Dioxane

Concen: 1.66 ng/ul

RT: 2.97 min Scan# 55

Delta R.T. -0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.486

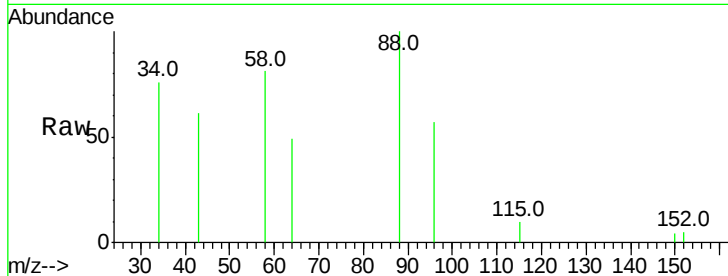
Tot Ion: 88 Resp: 3984

Ion Ratio Lower Upper

88 100

58 106.3 55.4 83.2#

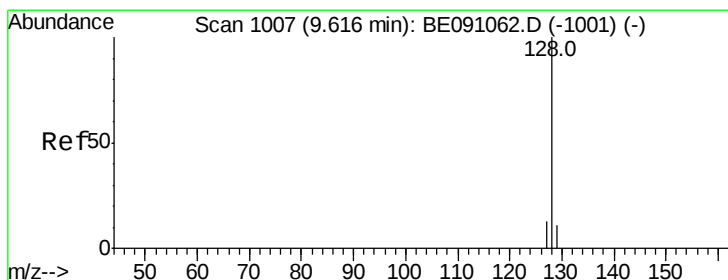
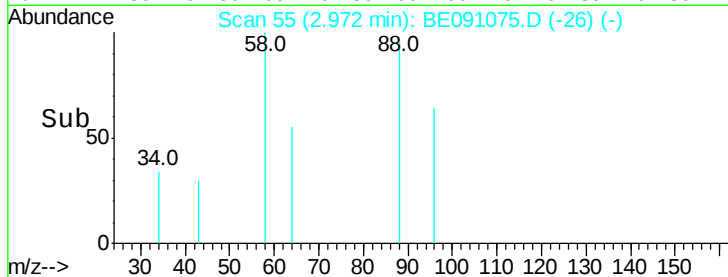
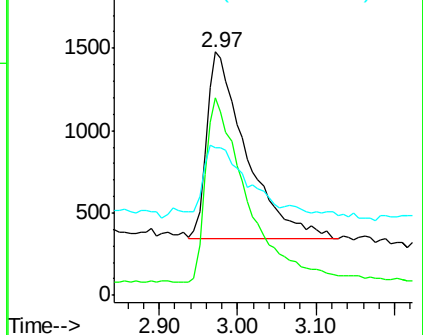
43 46.2 24.2 36.2#



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: 0.38 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

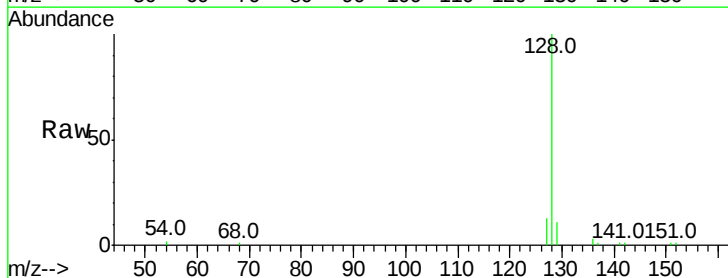
Tgt Ion: 128 Resp: 15316

Ion Ratio Lower Upper

128 100

129 10.7 9.8 14.8

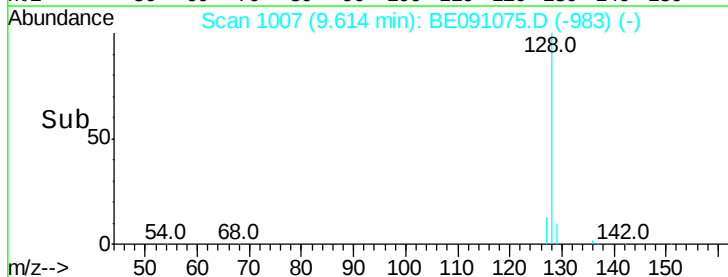
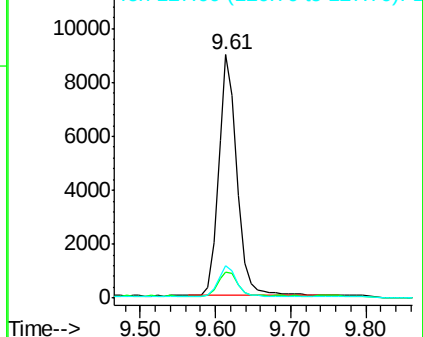
127 13.3 10.7 16.1

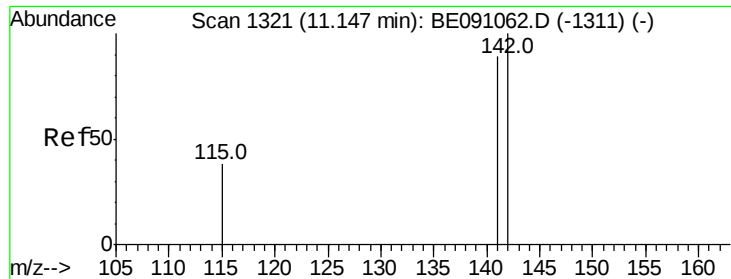


Abundance Ion 128.00 (127.70 to 128.70): BE091062.D (-1001) (-)

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: 0.40 ng/ul

RT: 11.15 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

Instrument :

BNA_E

ClientSampleId :

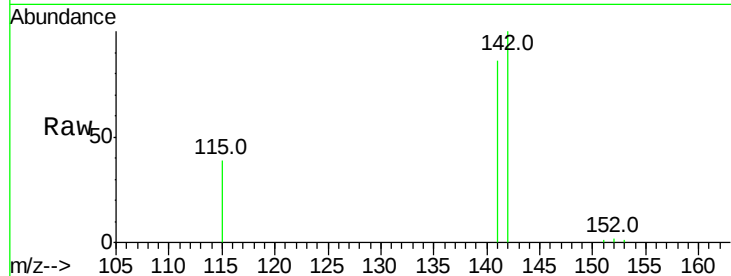
SSTD0.486

Tot Ion:142 Resp: 10602

Ion Ratio Lower Upper

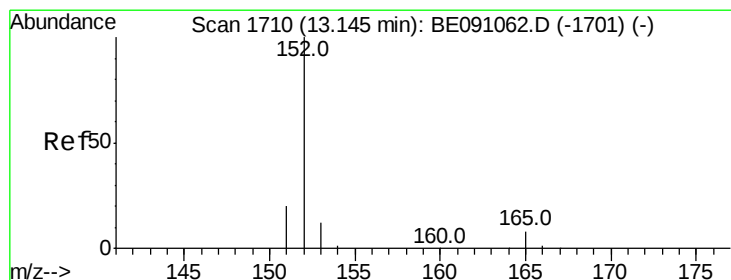
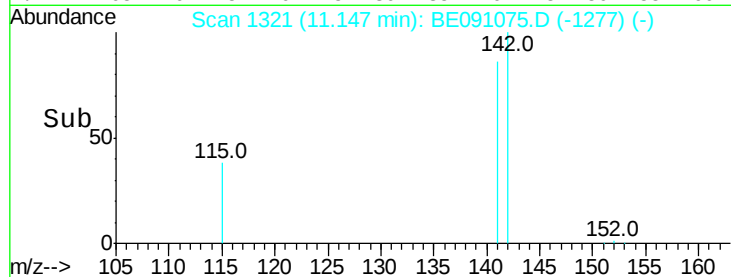
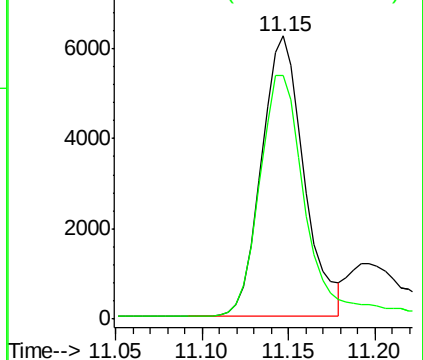
142 100

141 94.8 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: 0.39 ng/ul

RT: 13.14 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

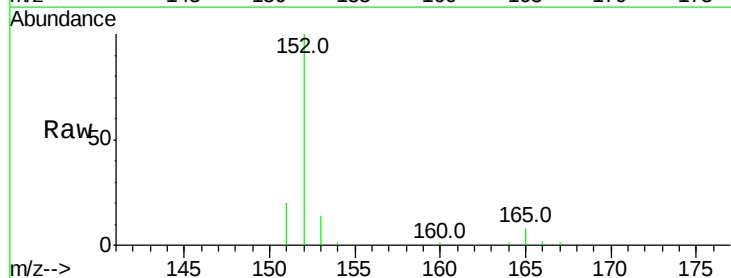
Tgt Ion:152 Resp: 18248

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

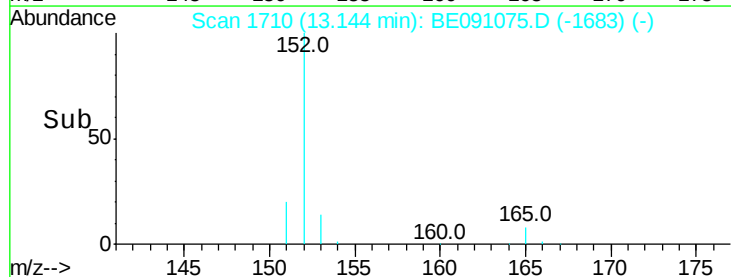
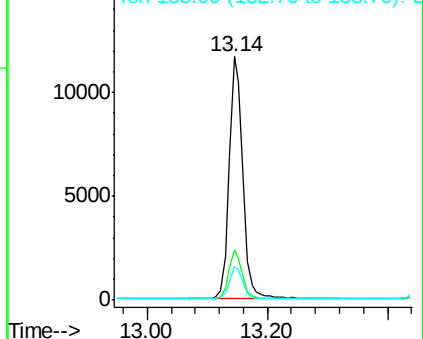
153 14.1 11.3 16.9

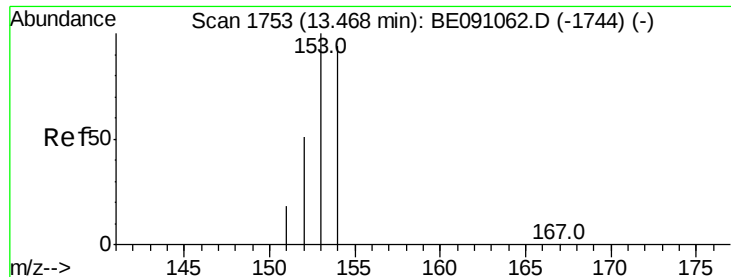


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.38 ng/ul

RT: 13.47 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.486

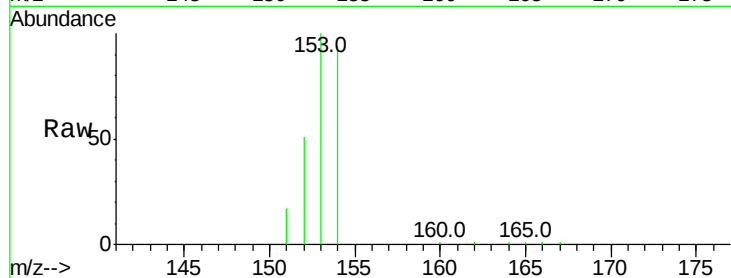
Tot Ion:153 Resp: 12306

Ion Ratio Lower Upper

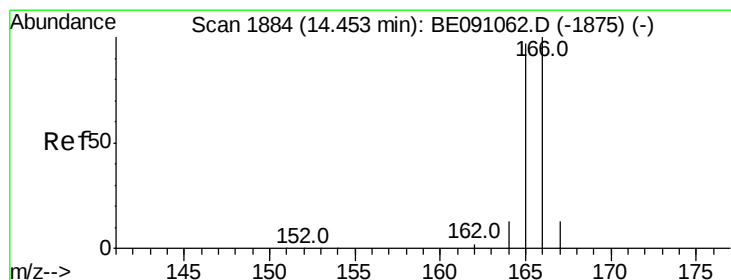
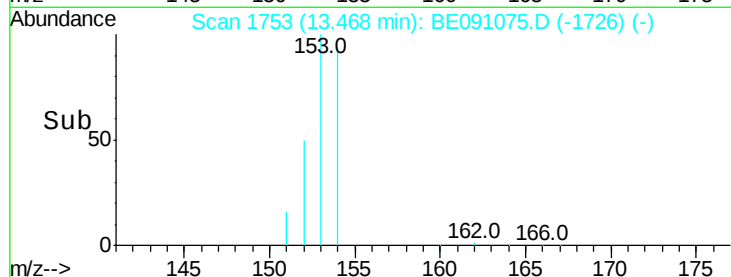
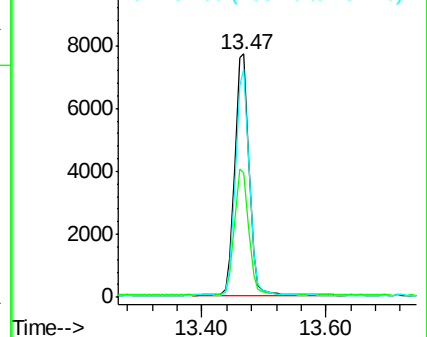
153 100

152 50.9 42.3 63.5

154 94.0 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: 0.35 ng/ul

RT: 14.45 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

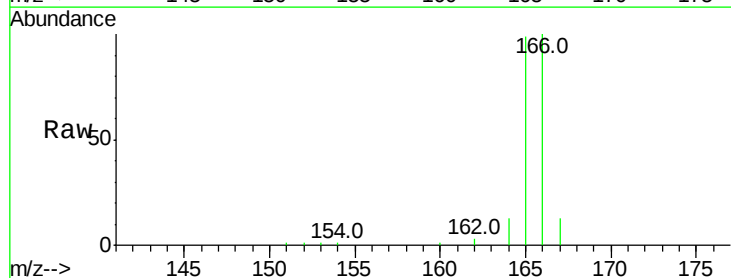
Tgt Ion:166 Resp: 14341

Ion Ratio Lower Upper

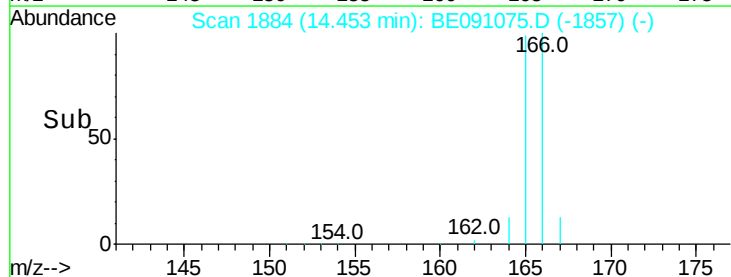
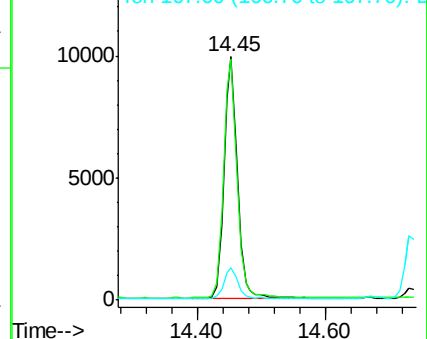
166 100

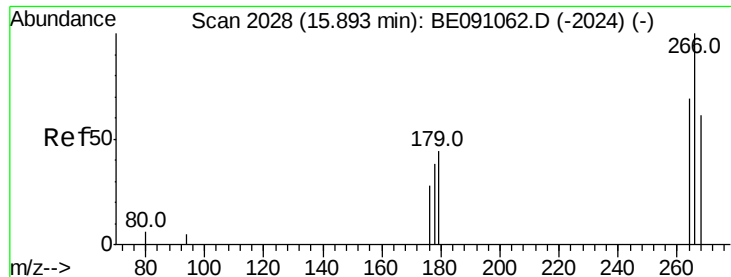
165 99.2 87.6 131.4

167 13.3 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

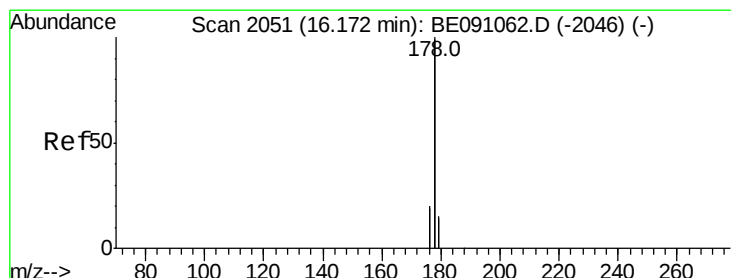
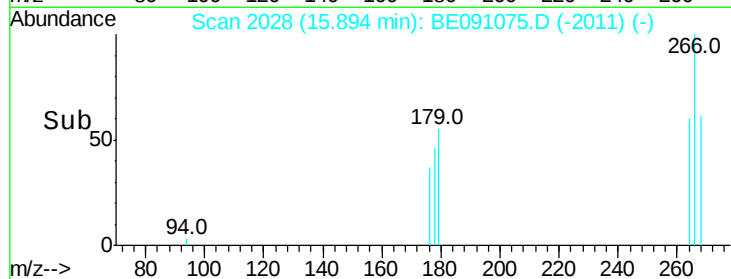
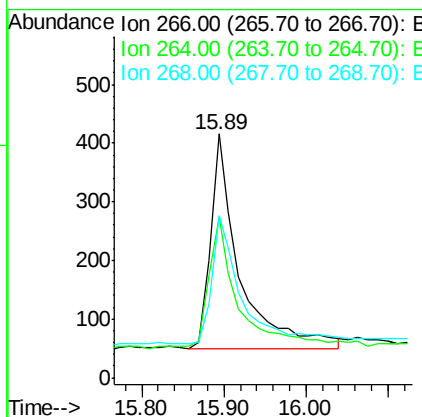
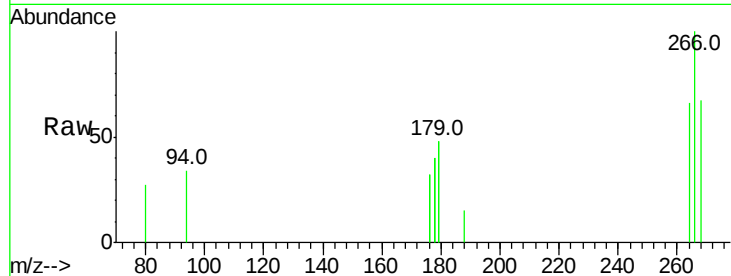




#13
 Pentachlorophenol
 Concen: 0.42 ng/ul
 RT: 15.89 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BE091075.D
 Acq: 5 Nov 2015 20:16

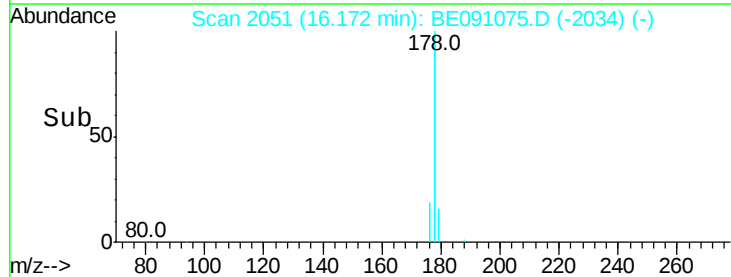
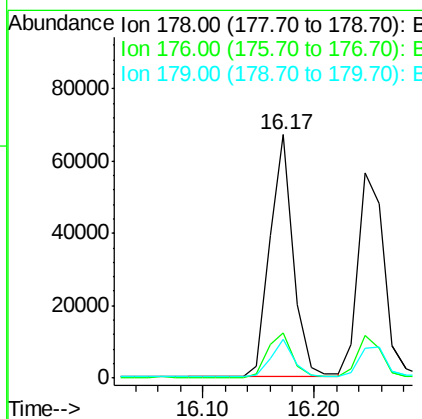
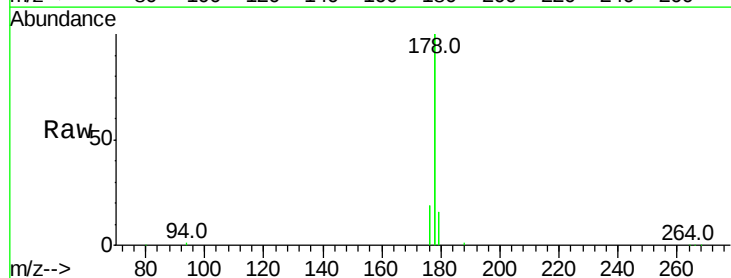
Instrument :
 BNA_E
 ClientSampleId :
 SST0.486

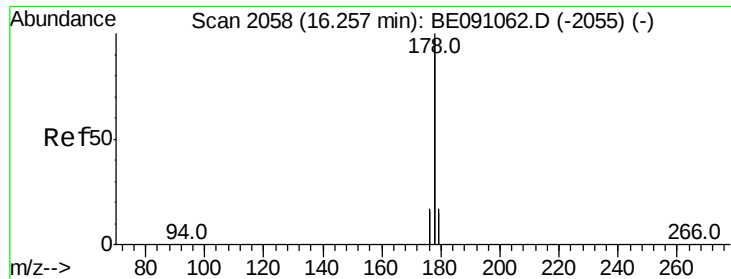
Tot Ion:266 Resp: 899
 Ion Ratio Lower Upper
 266 100
 264 63.1 53.5 80.3
 268 63.2 54.2 81.2



#14
 Phenanthrene
 Concen: 0.38 ng/ul
 RT: 16.17 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BE091075.D
 Acq: 5 Nov 2015 20:16

Tgt Ion:178 Resp: 97024
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 16.0 12.8 19.2





#15

Anthracene

Concen: 0.40 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.486

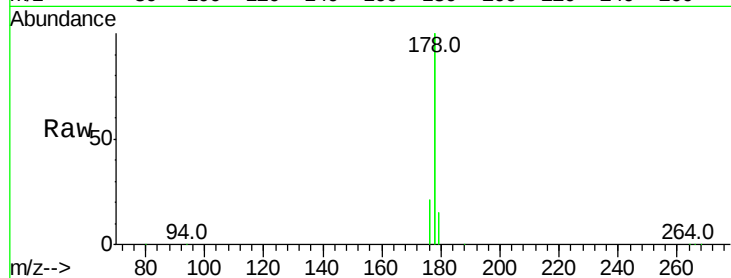
Tot Ion:178 Resp: 92503

Ion Ratio Lower Upper

178 100

176 21.1 15.8 23.8

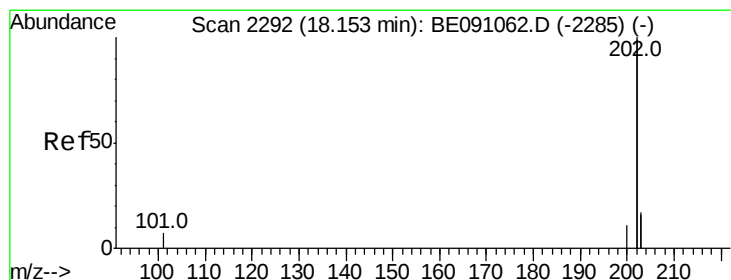
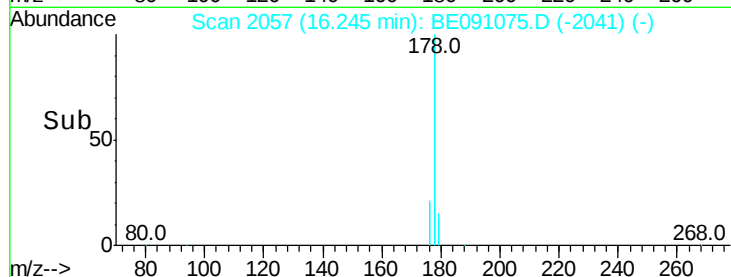
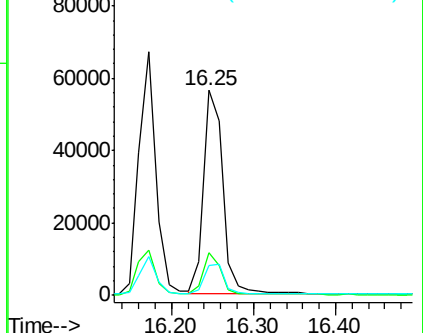
179 14.8 13.3 19.9



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



#17

Fluoranthene

Concen: 0.36 ng/ul

RT: 18.15 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

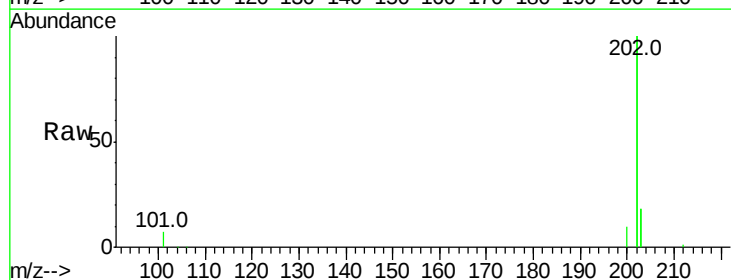
Tgt Ion:202 Resp: 108683

Ion Ratio Lower Upper

202 100

101 3.4 0.0 33.1

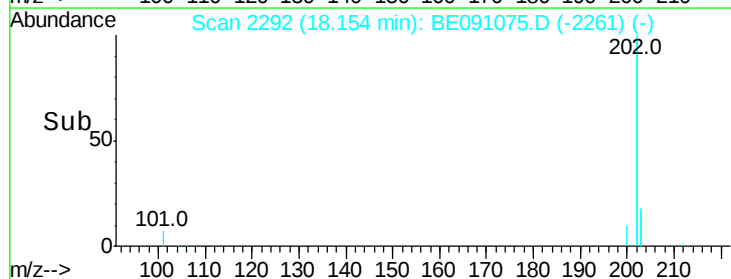
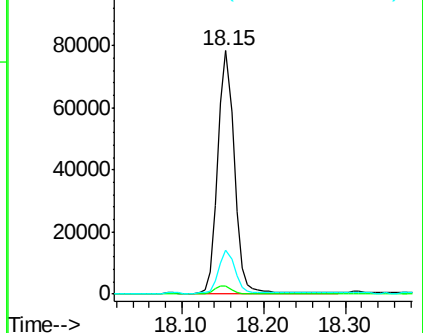
203 17.8 0.0 37.2

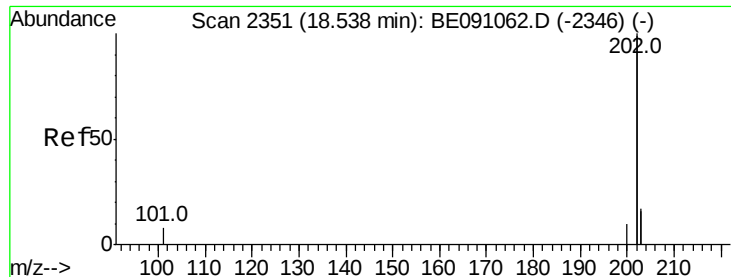


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.40 ng/ul

RT: 18.54 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.486

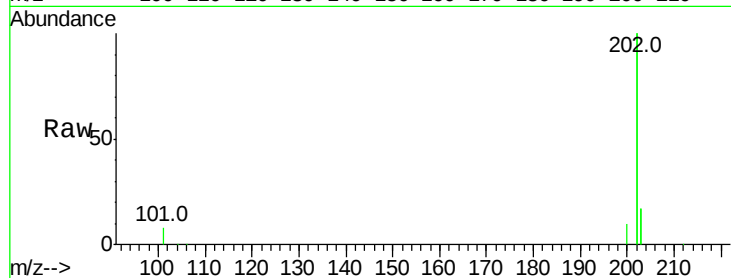
Tot Ion:202 Resp: 110061

Ion Ratio Lower Upper

202 100

200 5.2 18.0 27.0#

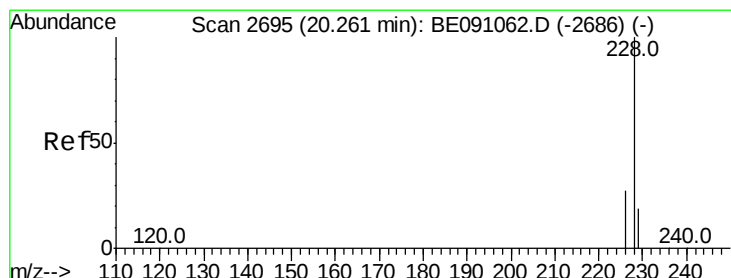
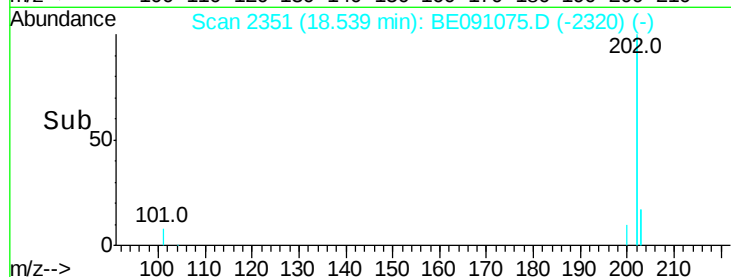
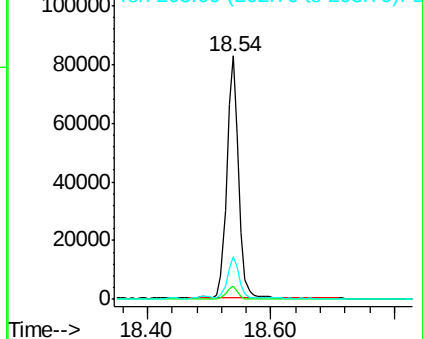
203 17.5 13.8 20.6



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: 0.42 ng/ul

RT: 20.26 min Scan# 2694

Delta R.T. 0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

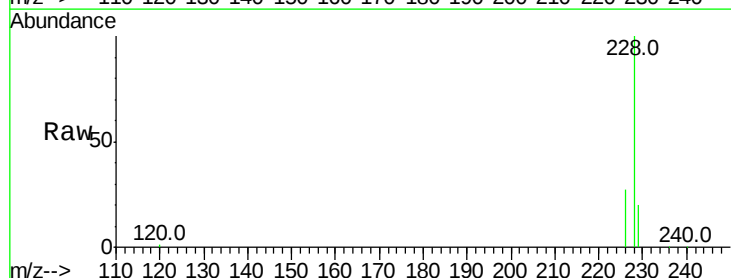
Tgt Ion:228 Resp: 25836

Ion Ratio Lower Upper

228 100

226 26.8 23.0 34.4

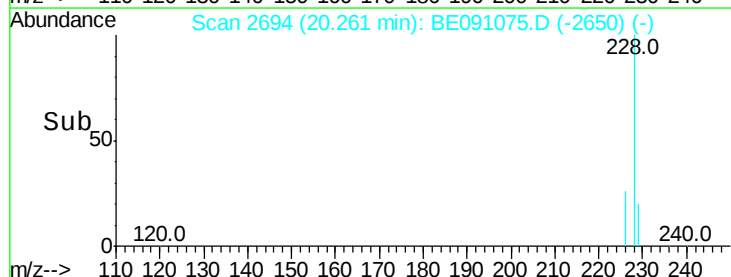
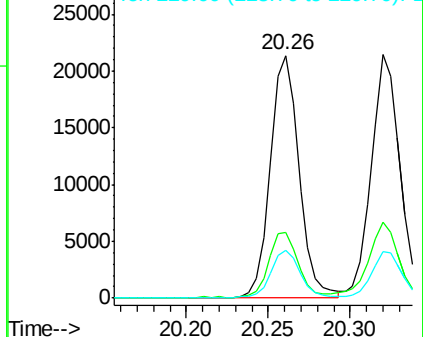
229 19.9 15.2 22.8

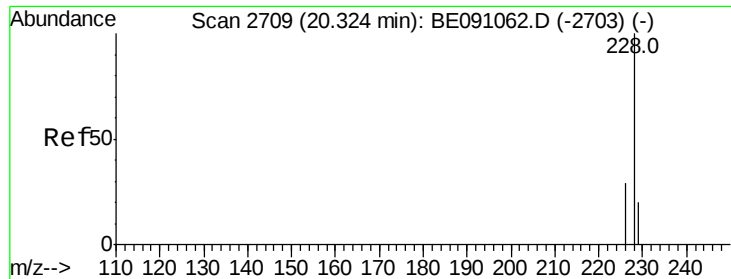


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.37 ng/ul

RT: 20.32 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.486

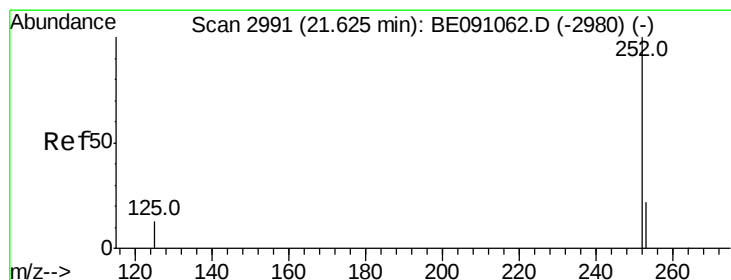
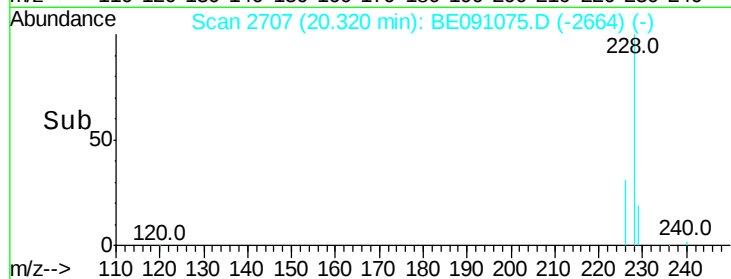
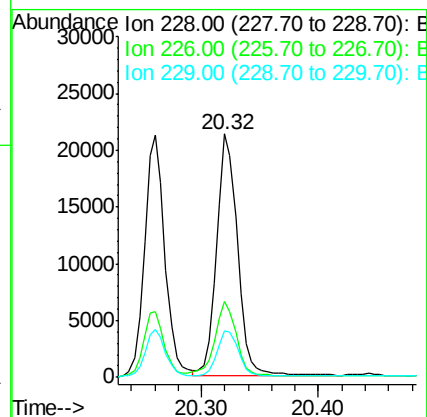
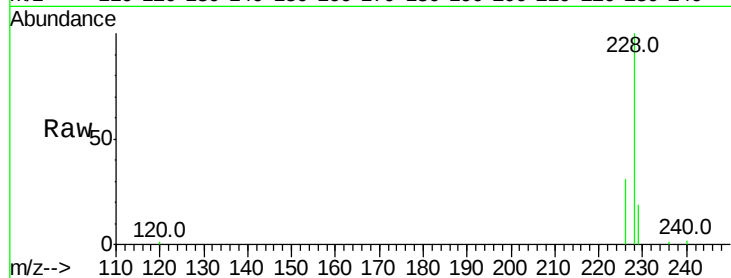
Tot Ion:228 Resp: 26332

Ion Ratio Lower Upper

228 100

226 31.1 25.7 38.5

229 19.1 15.2 22.8



#23

Benzo(b)fluoranthene

Concen: 0.35 ng/ul

RT: 21.63 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

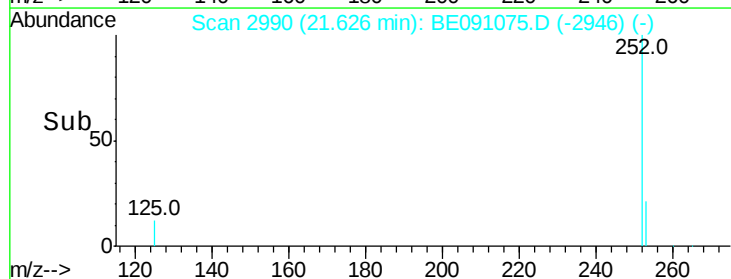
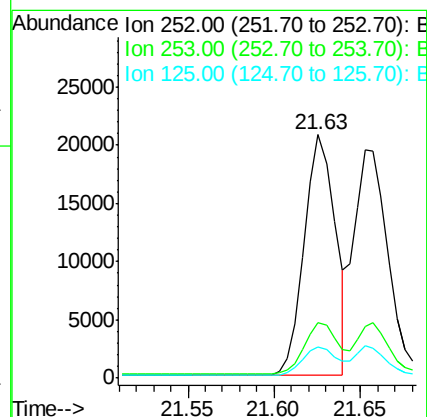
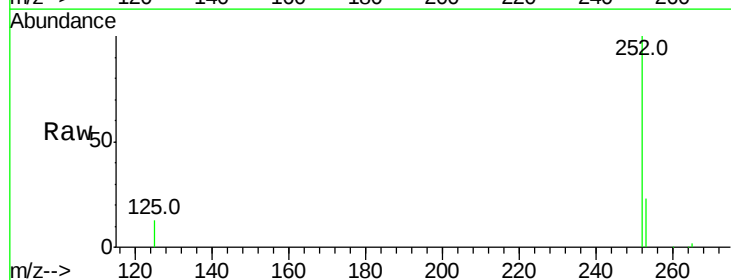
Tgt Ion:252 Resp: 25790

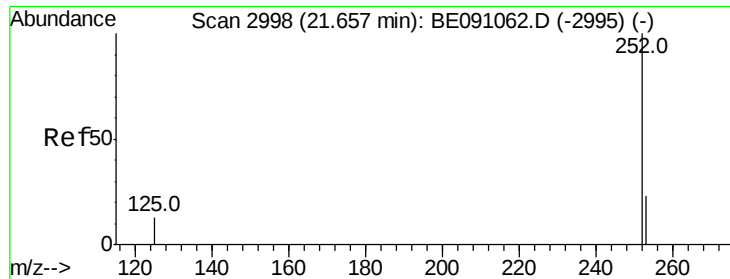
Ion Ratio Lower Upper

252 100

253 22.9 0.0 48.0

125 12.7 0.0 36.6

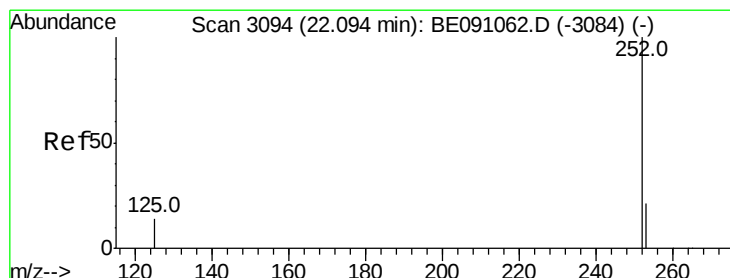
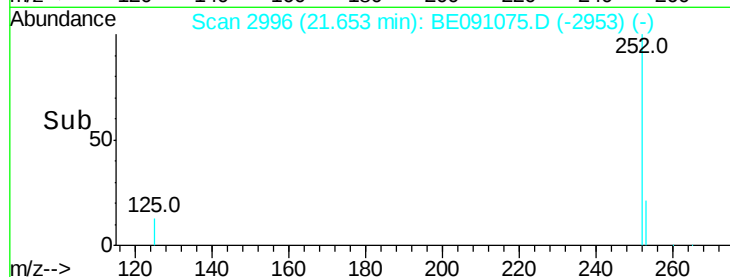
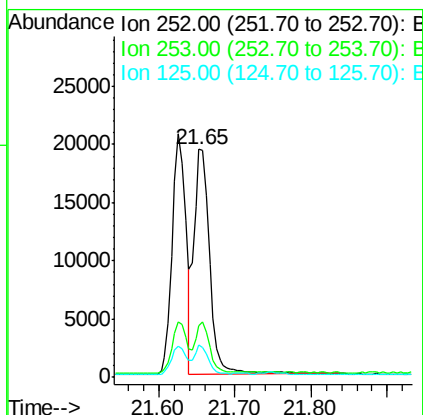
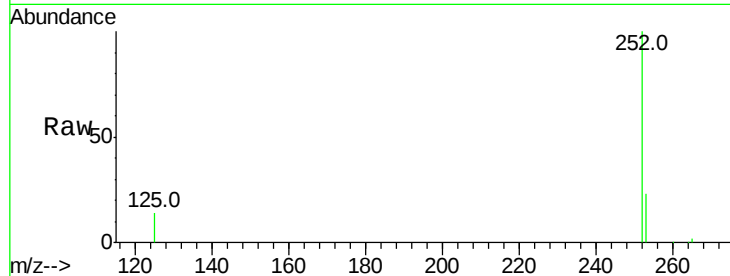




#24
Benzo(k)fluoranthene
Concen: 0.37 ng/ul
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091075.D
Acq: 5 Nov 2015 20:16

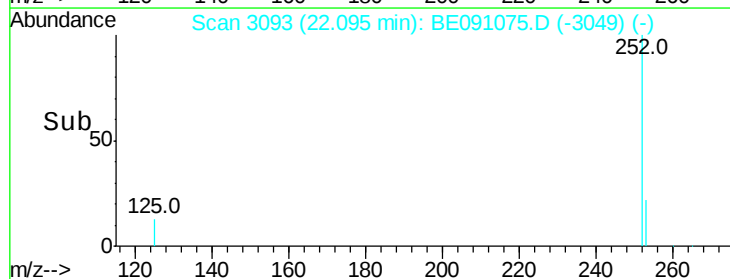
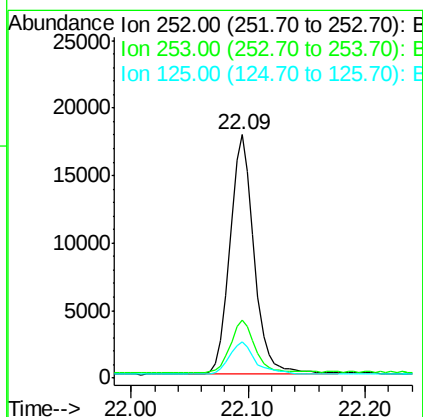
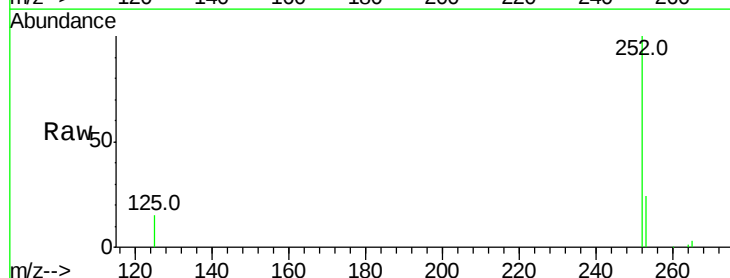
Instrument :
BNA_E
ClientSampleId :
SSTD0.486

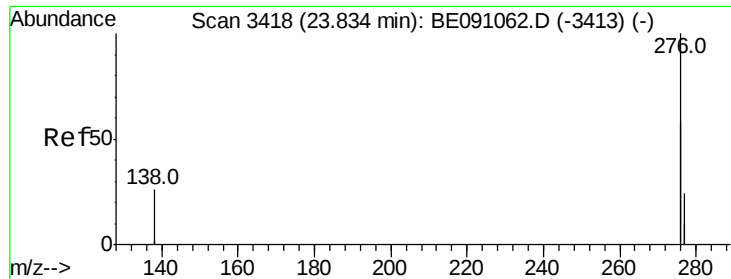
Tot Ion:252 Resp: 27615
Ion Ratio Lower Upper
252 100
253 22.6 20.8 31.2
125 14.0 12.2 18.4



#25
Benzo(a)pyrene
Concen: 0.38 ng/ul
RT: 22.09 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BE091075.D
Acq: 5 Nov 2015 20:16

Tgt Ion:252 Resp: 25634
Ion Ratio Lower Upper
252 100
253 24.0 21.8 32.8
125 14.6 14.5 21.7

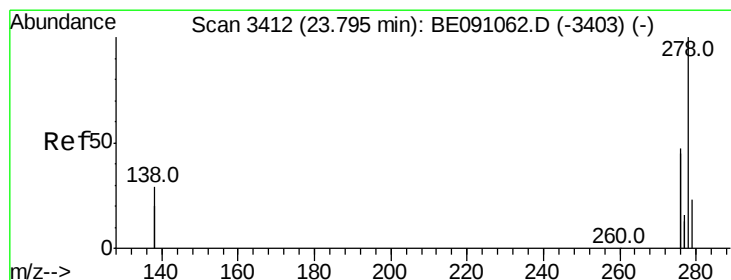
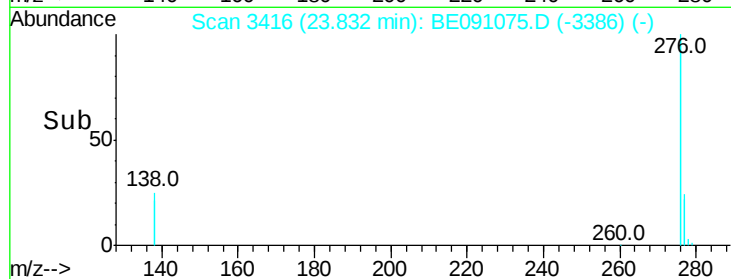
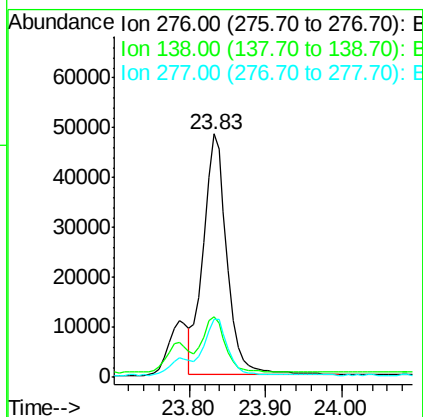
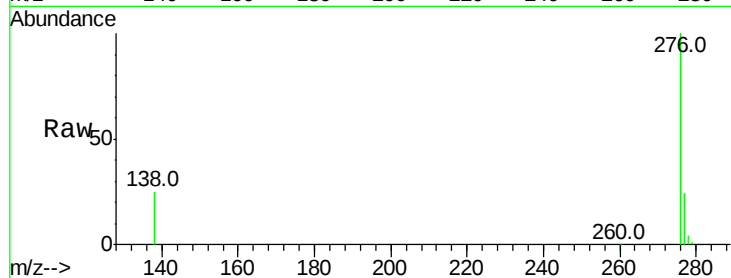




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.36 ng/ul
 RT: 23.83 min Scan# 3416
 Delta R.T. -0.00 min
 Lab File: BE091075.D
 Acq: 5 Nov 2015 20:16

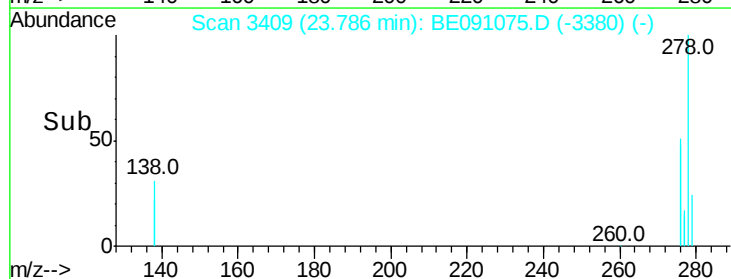
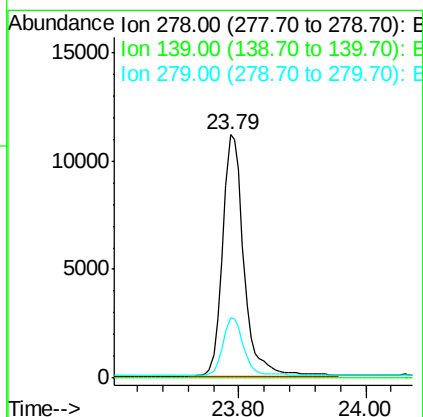
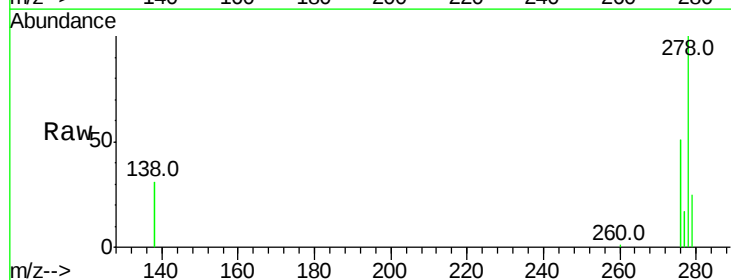
Instrument :
 BNA_E
 ClientSampleId :
 SST0.486

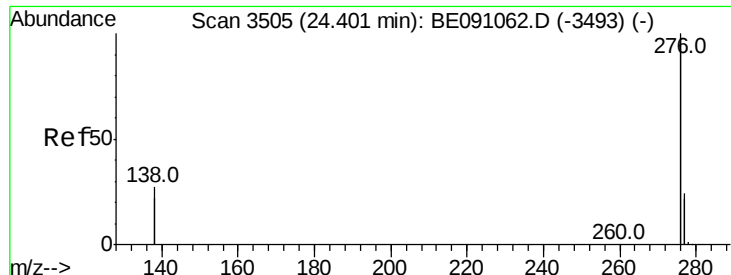
Tot Ion:276 Resp: 104176
 Ion Ratio Lower Upper
 276 100
 138 22.7 27.5 41.3#
 277 23.3 19.3 28.9



#27
 Dibenzo(a,h)anthracene
 Concen: 0.38 ng/ul
 RT: 23.79 min Scan# 3409
 Delta R.T. -0.01 min
 Lab File: BE091075.D
 Acq: 5 Nov 2015 20:16

Tgt Ion:278 Resp: 25889
 Ion Ratio Lower Upper
 278 100
 139 0.0 21.7 32.5#
 279 24.6 21.9 32.9





#28

Benzo(a,h,i)perylene

Concen: 0.36 ng/ul

RT: 24.40 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BE091075.D

Acq: 5 Nov 2015 20:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.486

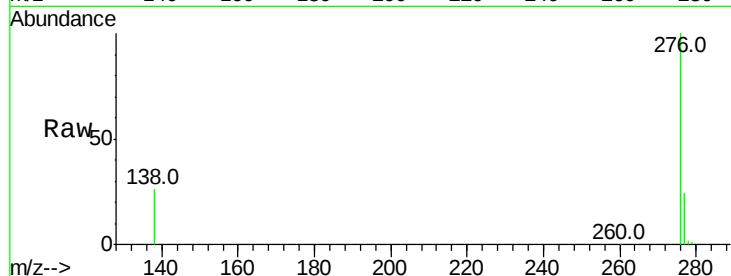
Tot Ion:276 Resp: 109187

Ion Ratio Lower Upper

276 100

277 23.9 21.3 31.9

138 26.2 25.5 38.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

