

Data Path : U:\HPCHEM1\BNA E\DATA\BE121515\
 Data File : BE091337.D
 Acq On : 15 Dec 2015 00:26
 Operator : UM/SJ
 Sample : SSTD0.171
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 15 04:36:37 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 04:30:27 2015
 Response via : Initial Calibration

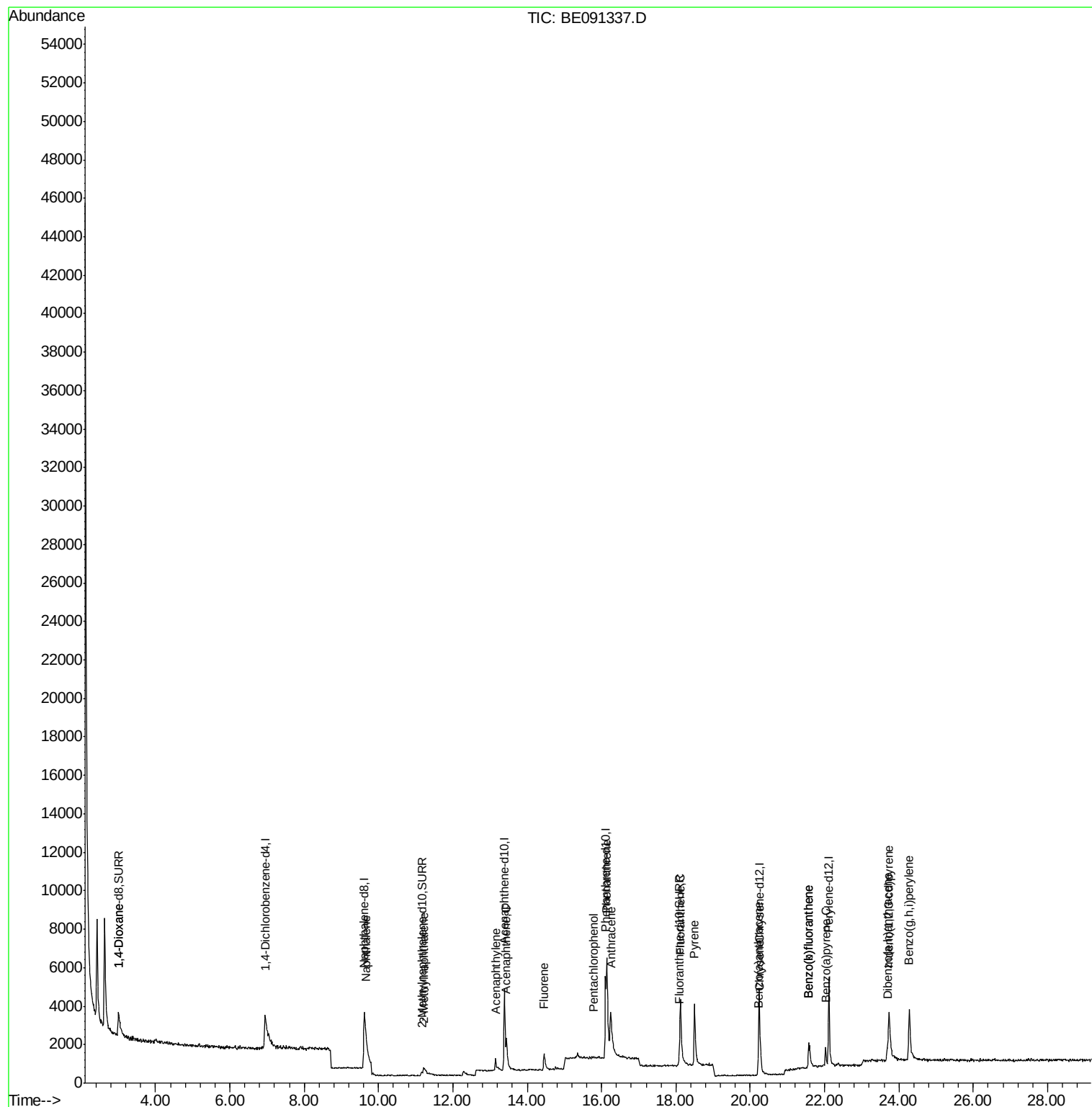
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	3180	0.40	ng/ul	0.00
4) Naphthalene-d8	9.61	136	10136	0.40	ng/ul	0.03
8) Acenaphthene-d10	13.39	164	3006	0.40	ng/ul	0.02
12) Phenanthrene-d10	16.10	188	9666	0.40	ng/ul	0.00
18) Chrysene-d12	20.24	240	6033	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	6618	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.00	96	1031	0.40	ng/uL	0.05
6) 2-Methylnaphthalene-d10	11.16	152	711	0.09	ng/ul	0.07
16) Fluoranthene-d10	18.09	212	1573	0.07	ng/ul	0.01
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.01	88	1532	0.51	ng/ul#	68
5) Naphthalene	9.66	128	2832	0.13	ng/ul#	75
7) 2-Methylnaphthalene	11.23	142	768	0.09	ng/ul	84
9) Acenaphthylene	13.14	152	1271	0.08	ng/ul#	79
10) Acenaphthene	13.45	153	999	0.08	ng/ul	92
11) Fluorene	14.45	166	1227	0.07	ng/ul#	85
13) Pentachlorophenol	15.78	266	20	0.03	ng/ul#	63
14) Phenanthrene	16.14	178	7652	0.07	ng/ul#	86
15) Anthracene	16.25	178	6199	0.08	ng/ul#	79
17) Fluoranthene	18.12	202	7305	0.07	ng/ul	88
19) Pyrene	18.50	202	6798	0.09	ng/ul#	80
20) Benzo(a)anthracene	20.21	228	1154	0.09	ng/ul#	89
21) Chrysene	20.27	228	1633	0.08	ng/ul#	86
23) Benzo(b)fluoranthene	21.57	252	1459	0.07	ng/ul	83
24) Benzo(k)fluoranthene	21.57	252	1459	0.06	ng/ul#	88
25) Benzo(a)pyrene	22.03	252	1656	0.08	ng/ul#	71
26) Indeno(1,2,3-cd)pyrene	23.73	276	6649	0.08	ng/ul#	84
27) Dibenzo(a,h)anthracene	23.69	278	1089	0.07	ng/ul#	59
28) Benzo(g,h,i)perylene	24.27	276	6755	0.08	ng/ul#	81

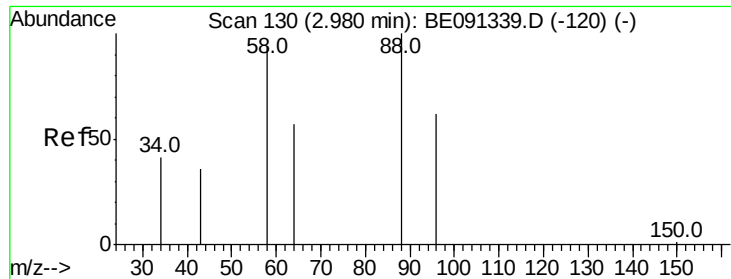
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA E\DATA\BE121515\
Data File : BE091337.D
Acq On : 15 Dec 2015 00:26
Operator : UM/SJ
Sample : SST0.171
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 15 04:36:37 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 04:30:27 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.51 ng/ul

RT: 3.01 min Scan# 135

Delta R.T. 0.03 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

Instrument :

BNA_E

ClientSampled :

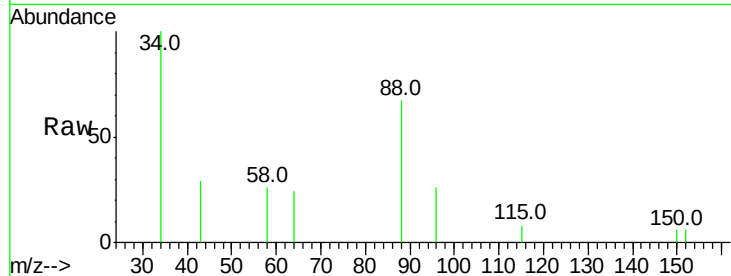
Tot Ion: 88 Resp: 1532

Ion Ratio Lower Upper

88 100

58 79.0 76.0 114.0

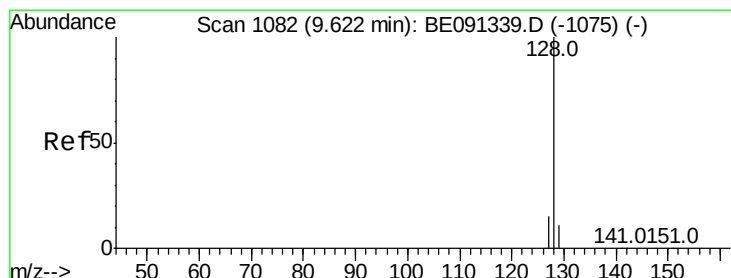
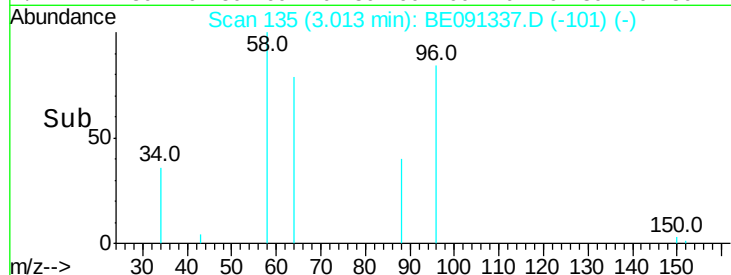
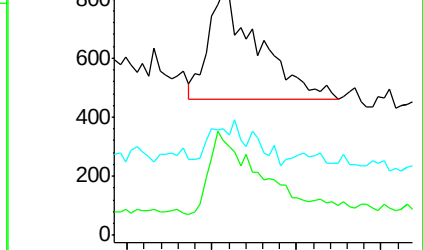
43 0.0 34.3 51.5#



Abundance Ion 88.00 (87.70 to 88.70): BE091337.D (-135) (-)

Ion 58.00 (57.70 to 58.70): BE091337.D (-135) (-)

Ion 43.00 (42.70 to 43.70): BE091337.D (-135) (-)



#5

Naphthalene

Concen: 0.13 ng/ul

RT: 9.66 min Scan# 1086

Delta R.T. 0.03 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

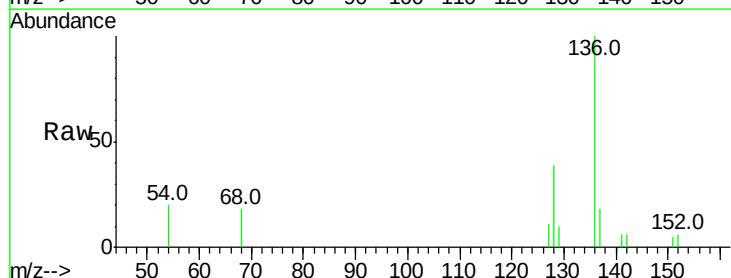
Tgt Ion: 128 Resp: 2832

Ion Ratio Lower Upper

128 100

129 25.3 11.0 16.4#

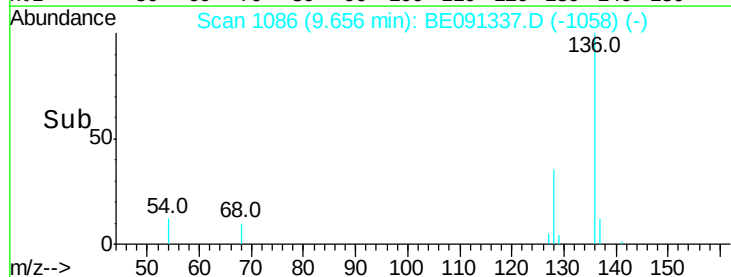
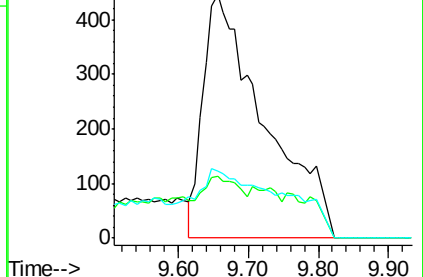
127 27.4 14.3 21.5#

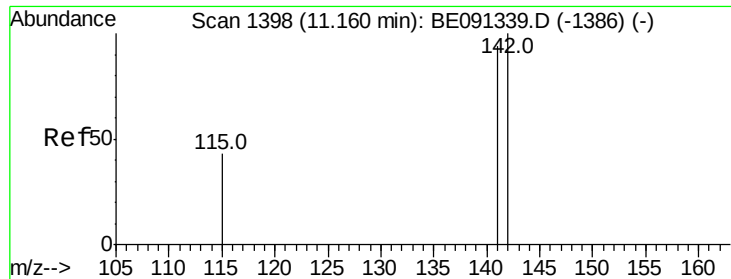


Abundance Ion 128.00 (127.70 to 128.70): BE091337.D (-1086) (-)

Ion 129.00 (128.70 to 129.70): BE091337.D (-1086) (-)

Ion 127.00 (126.70 to 127.70): BE091337.D (-1086) (-)





#7

2-Methylnaphthalene

Concen: 0.09 ng/ul

RT: 11.23 min Scan# 1412

Delta R.T. 0.06 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

Instrument :

BNA_E

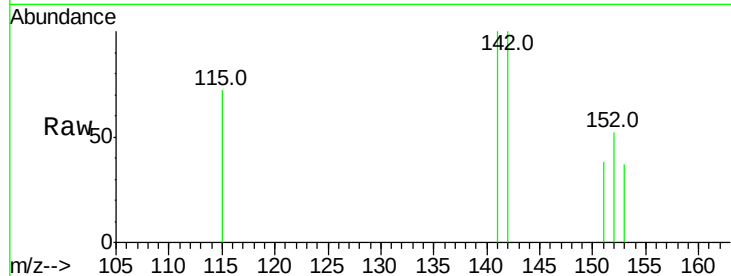
ClientSampleId :

Tot Ion:142 Resp: 768

Ion Ratio Lower Upper

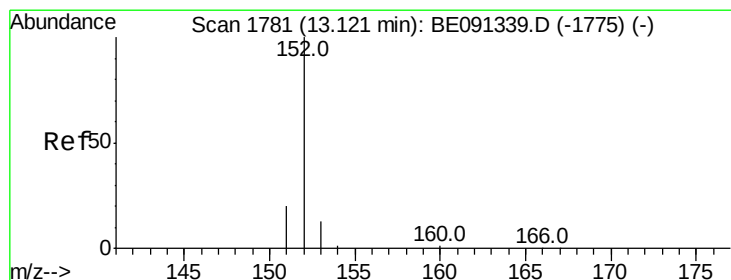
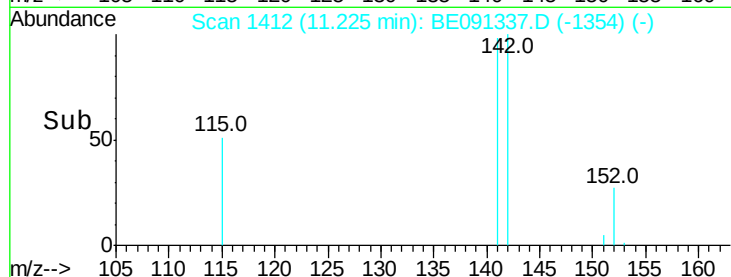
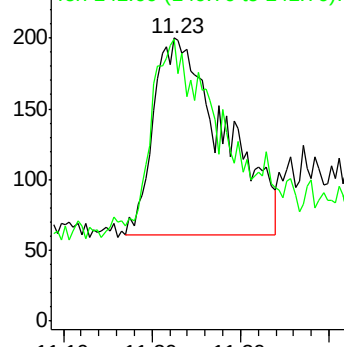
142 100

141 94.5 89.4 134.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.08 ng/ul

RT: 13.14 min Scan# 1784

Delta R.T. 0.02 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

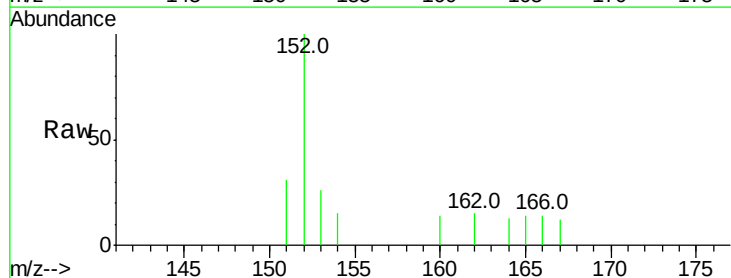
Tgt Ion:152 Resp: 1271

Ion Ratio Lower Upper

152 100

151 31.3 17.8 26.8#

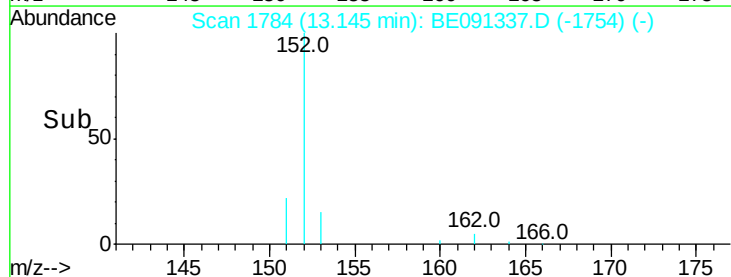
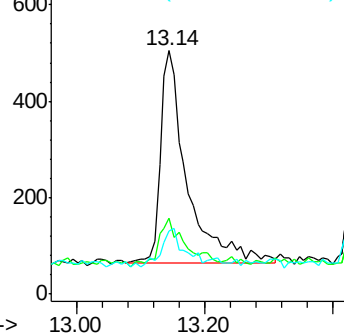
153 26.1 12.4 18.6#

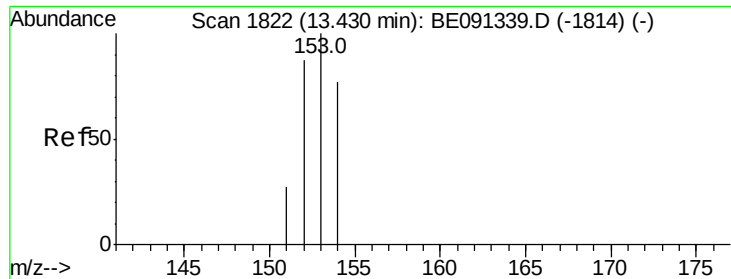


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.08 ng/ul

RT: 13.45 min Scan# 1824

Delta R.T. 0.02 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

Instrument :

BNA_E

ClientSampleId :

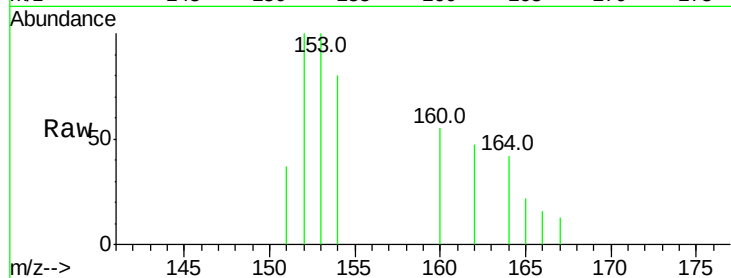
Tot Ion:153 Resp: 999

Ion Ratio Lower Upper

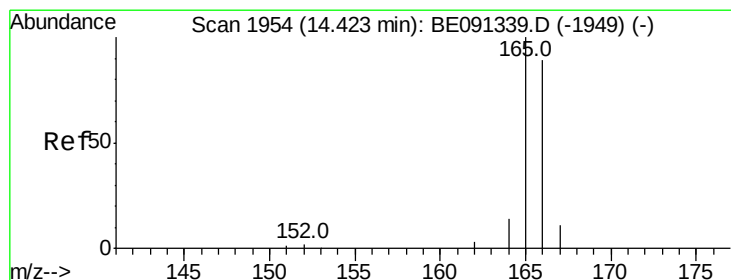
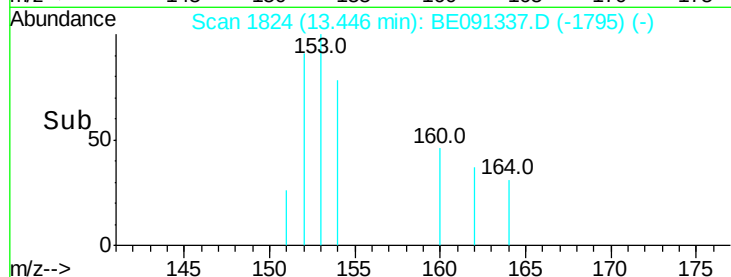
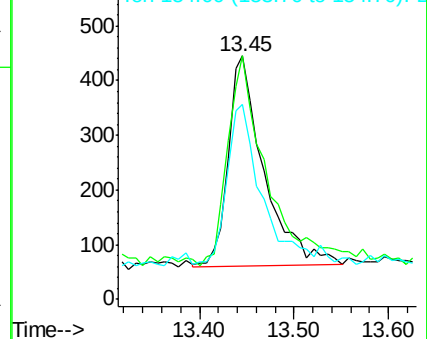
153 100

152 100.0 70.5 105.7

154 80.0 62.3 93.5



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: 0.07 ng/ul

RT: 14.45 min Scan# 1957

Delta R.T. 0.02 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

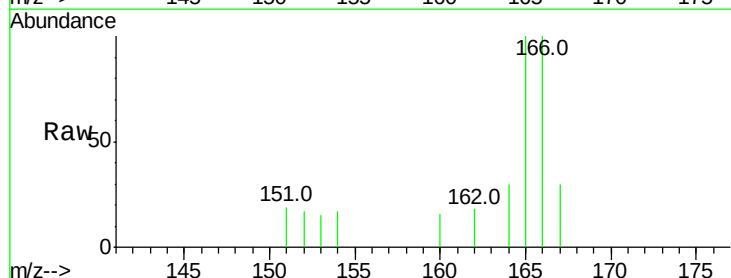
Tgt Ion:166 Resp: 1227

Ion Ratio Lower Upper

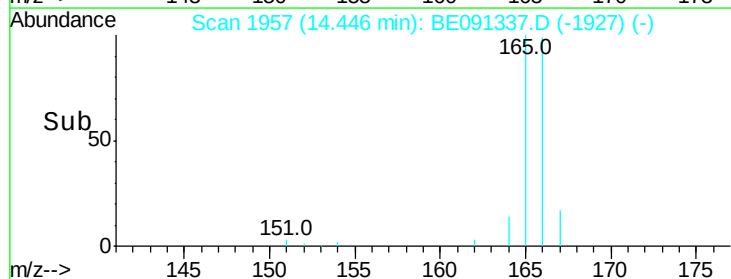
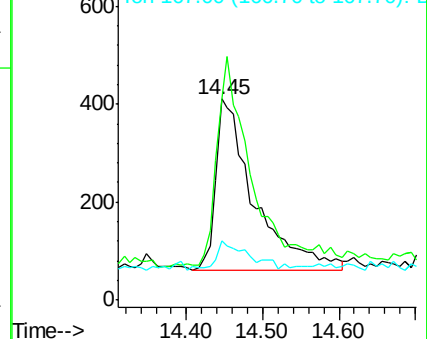
166 100

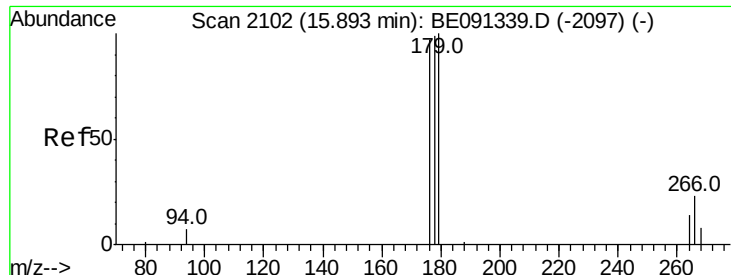
165 99.8 90.2 135.4

167 29.7 12.2 18.2#



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

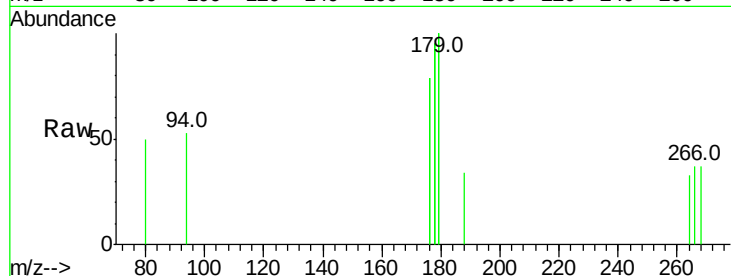




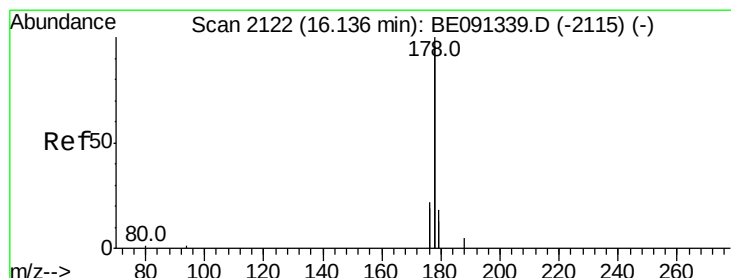
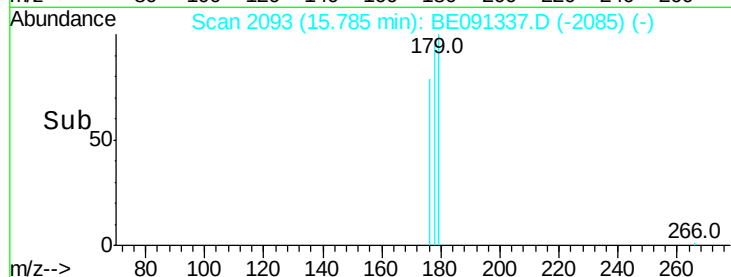
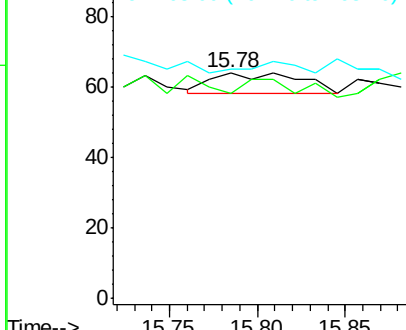
#13
 Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 15.78 min Scan# 2093
 Delta R.T. -0.11 min
 Lab File: BE091337.D
 Acq: 15 Dec 2015 00:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 20
 Ion Ratio Lower Upper
 266 100
 264 55.0 54.7 82.1
 268 0.0 36.2 54.2#

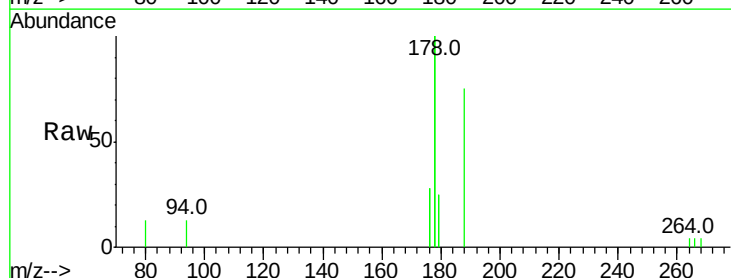


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

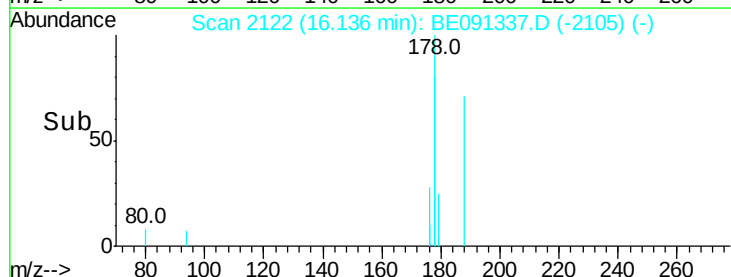
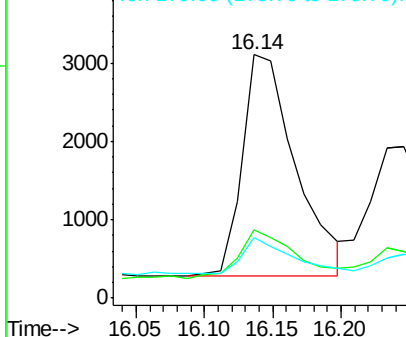


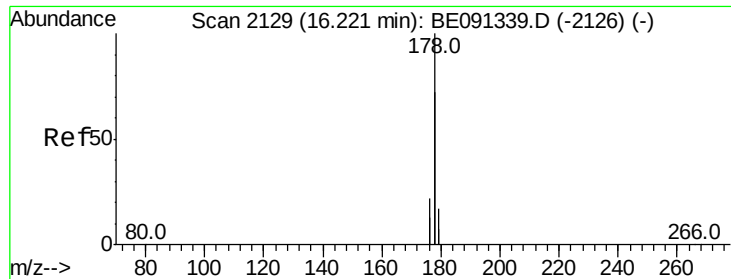
#14
 Phenanthrene
 Concen: 0.07 ng/ul
 RT: 16.14 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BE091337.D
 Acq: 15 Dec 2015 00:26

Tgt Ion:178 Resp: 7652
 Ion Ratio Lower Upper
 178 100
 176 27.9 17.8 26.8#
 179 24.6 14.0 21.0#



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: 0.08 ng/ul

RT: 16.25 min Scan# 2131

Delta R.T. 0.02 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

Instrument :

BNA_E

ClientSampleId :

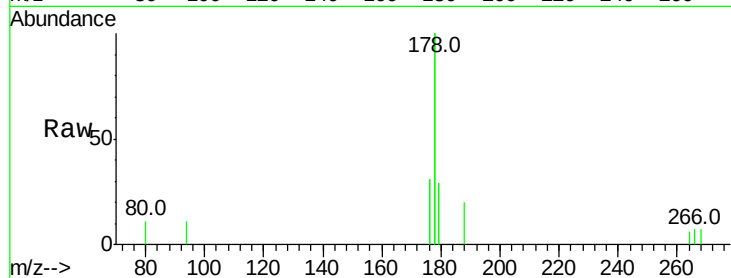
Tot Ion:178 Resp: 6199

Ion Ratio Lower Upper

178 100

176 30.5 17.9 26.9#

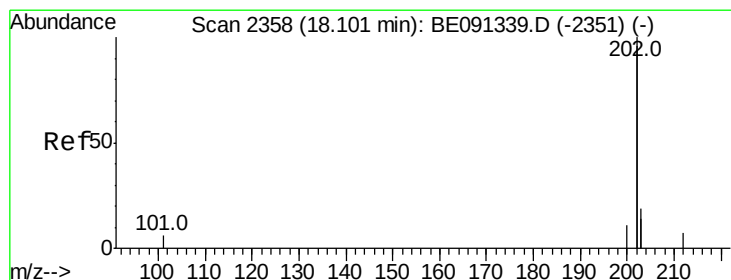
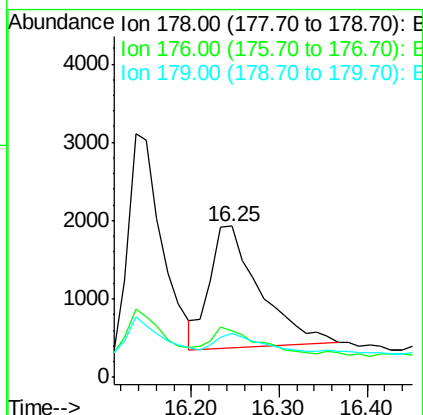
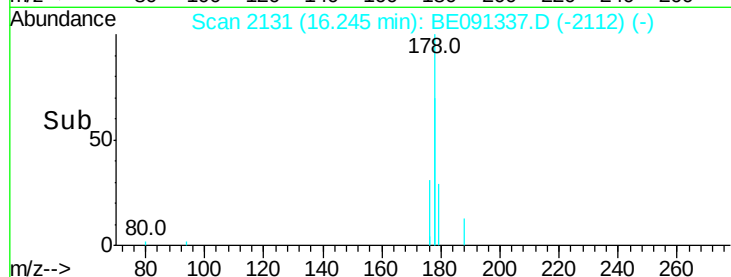
179 28.8 13.8 20.6#



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: 0.07 ng/ul

RT: 18.12 min Scan# 2361

Delta R.T. 0.02 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

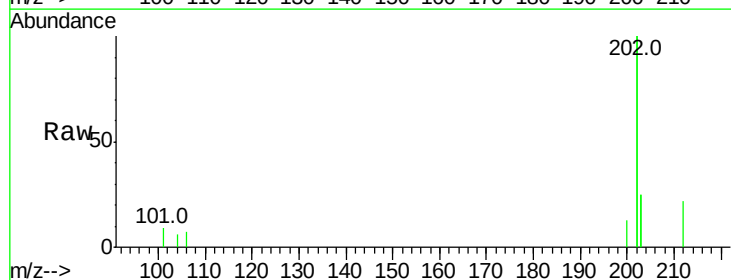
Tgt Ion:202 Resp: 7305

Ion Ratio Lower Upper

202 100

101 4.3 0.0 23.6

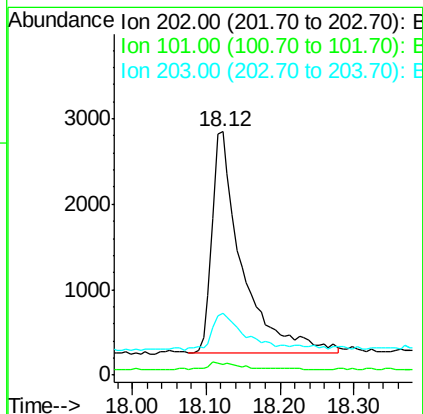
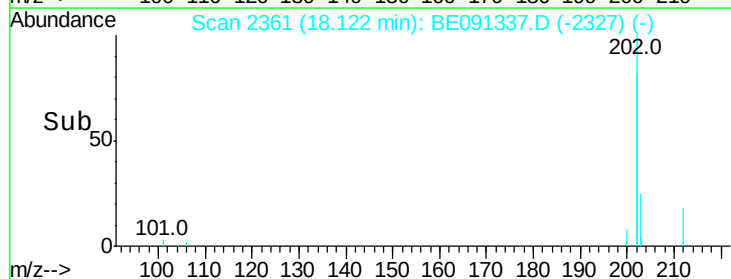
203 25.2 0.0 38.7

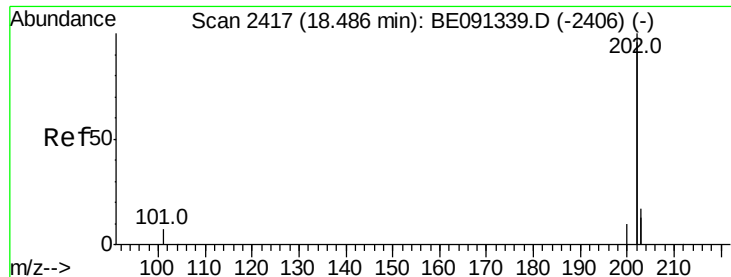


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.09 ng/ul

RT: 18.50 min Scan# 2419

Delta R.T. 0.01 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

Instrument :

BNA_E

ClientSampleId :

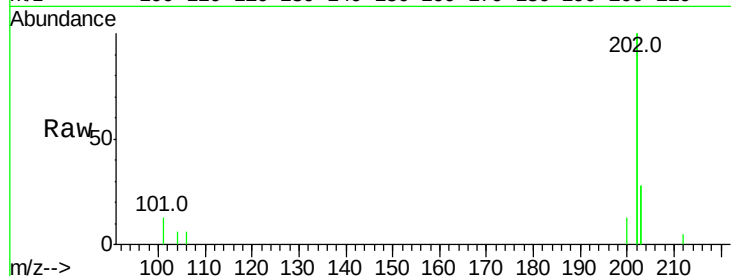
Tot Ion:202 Resp: 6798

Ion Ratio Lower Upper

202 100

200 6.7 4.4 6.6#

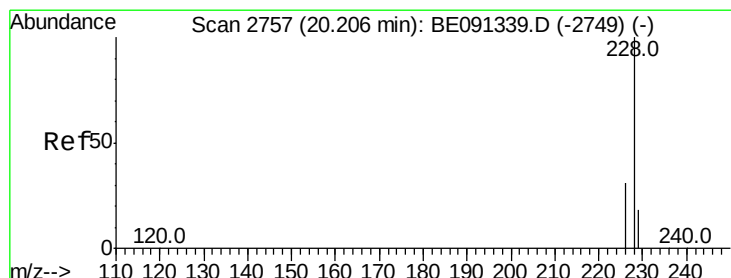
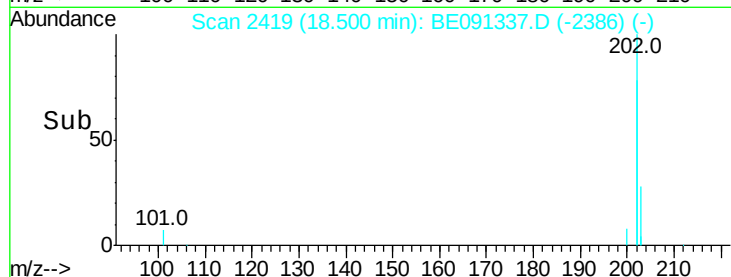
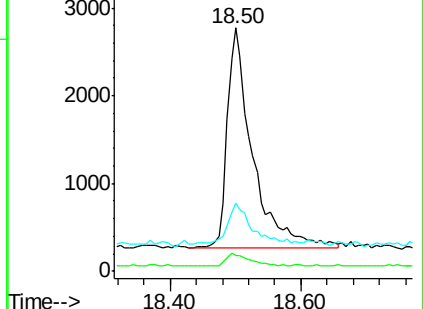
203 28.1 13.8 20.8#



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: 0.09 ng/ul

RT: 20.21 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

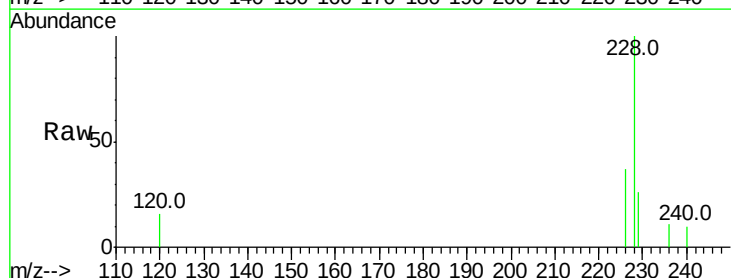
Tgt Ion:228 Resp: 1154

Ion Ratio Lower Upper

228 100

226 37.0 25.8 38.8

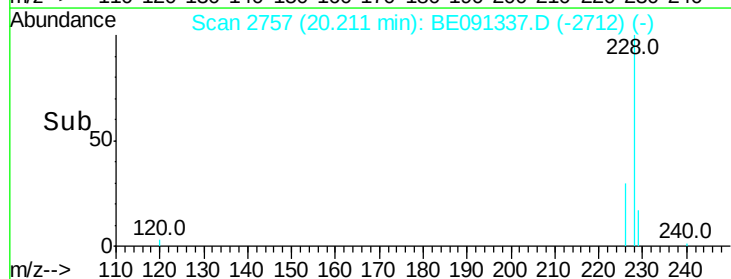
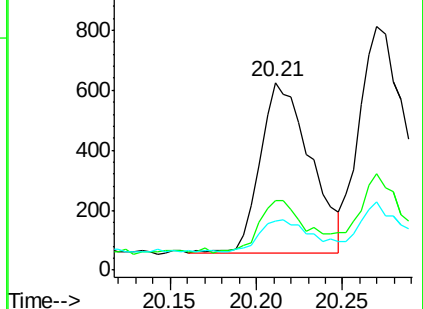
229 26.2 15.6 23.4#

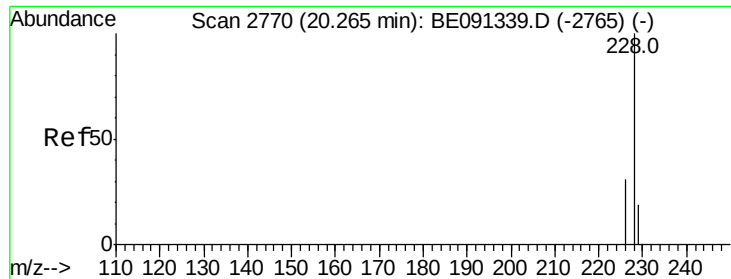


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.08 ng/ul

RT: 20.27 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

Instrument :

BNA_E

ClientSampled :

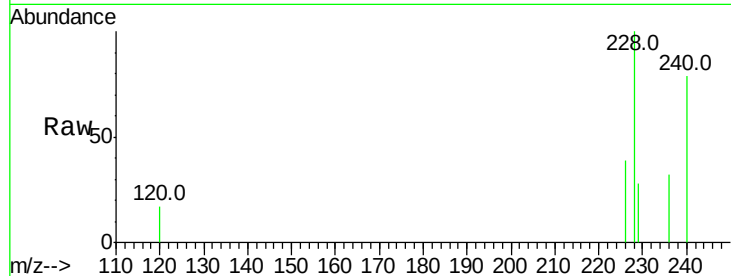
Tot Ion:228 Resp: 1633

Ion Ratio Lower Upper

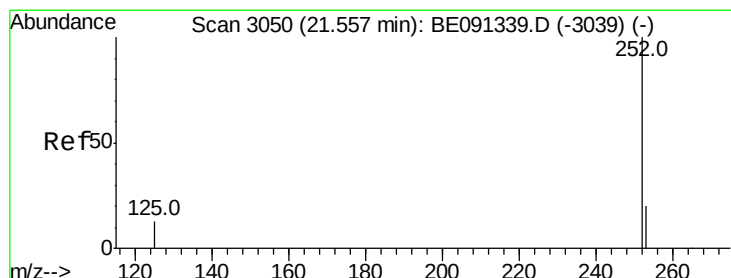
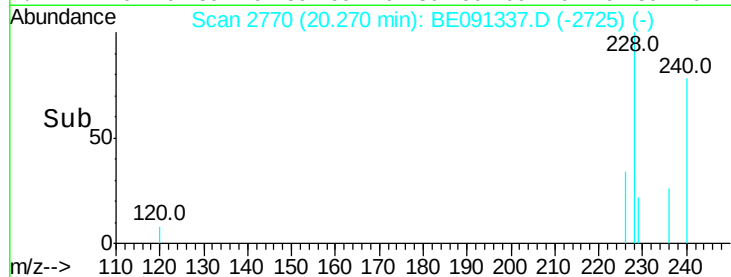
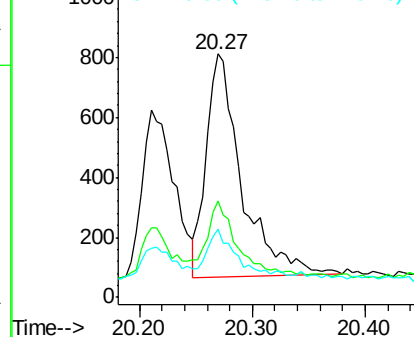
228 100

226 39.4 26.2 39.4#

229 28.0 16.2 24.4#



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: 0.07 ng/ul

RT: 21.57 min Scan# 3051

Delta R.T. 0.01 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

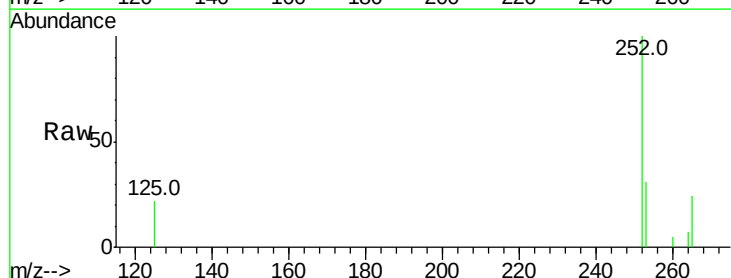
Tgt Ion:252 Resp: 1459

Ion Ratio Lower Upper

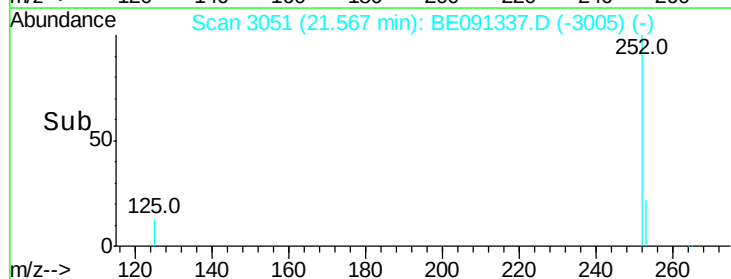
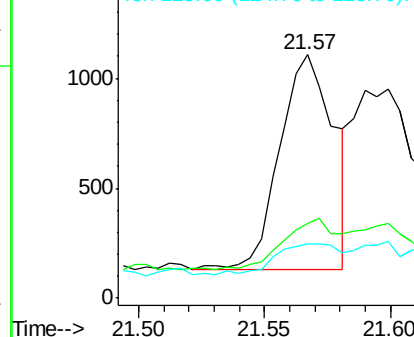
252 100

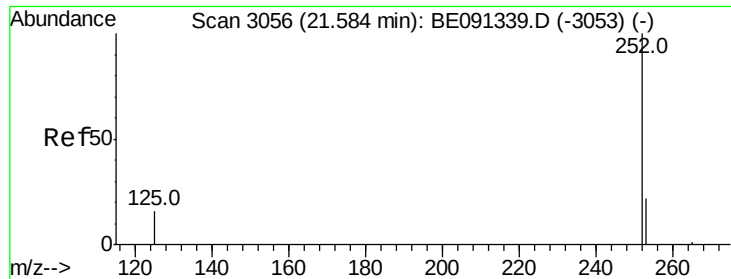
253 30.6 0.0 44.6

125 22.2 0.0 31.4



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





#24

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 21.57 min Scan# 3051

Delta R.T. -0.02 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

Instrument :

BNA_E

ClientSampleId :

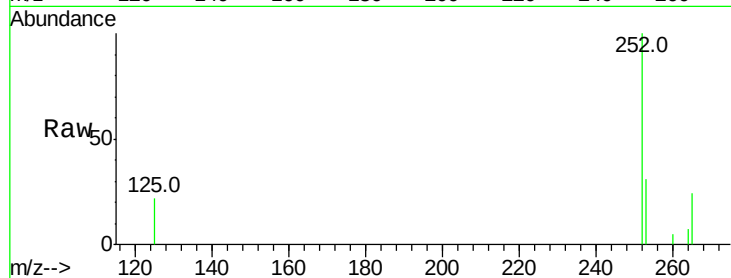
Tot Ion:252 Resp: 1459

Ion Ratio Lower Upper

252 100

253 30.6 20.1 30.1#

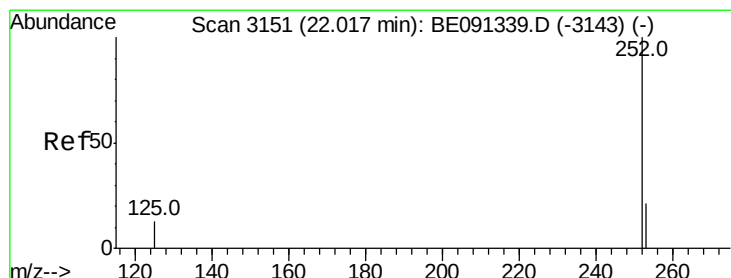
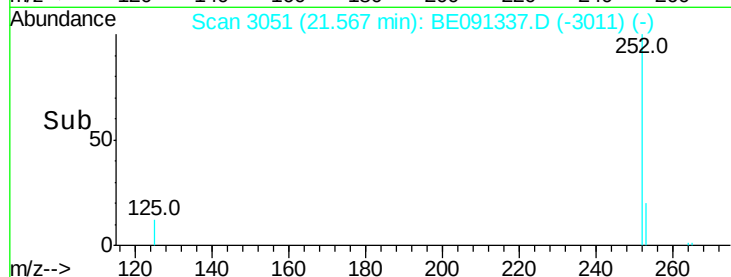
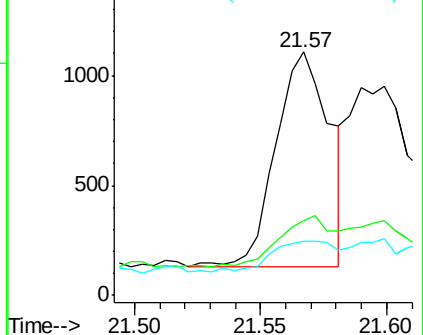
125 22.2 12.9 19.3#



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: 0.08 ng/ul

RT: 22.03 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

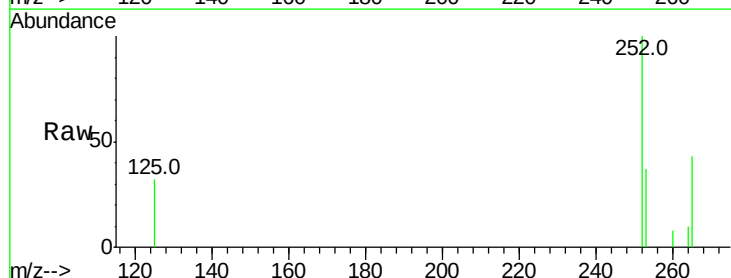
Tgt Ion:252 Resp: 1656

Ion Ratio Lower Upper

252 100

253 36.9 19.3 28.9#

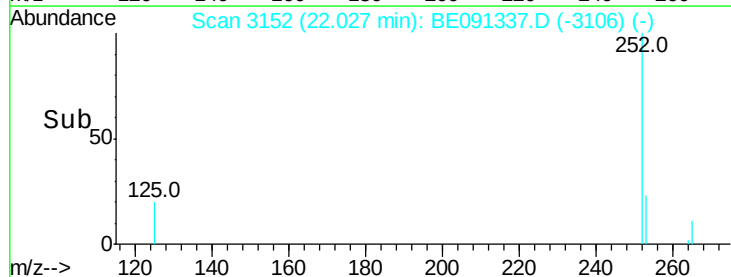
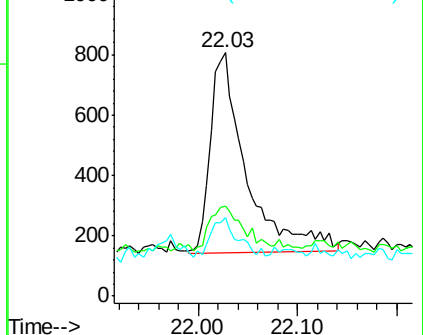
125 32.3 14.2 21.2#

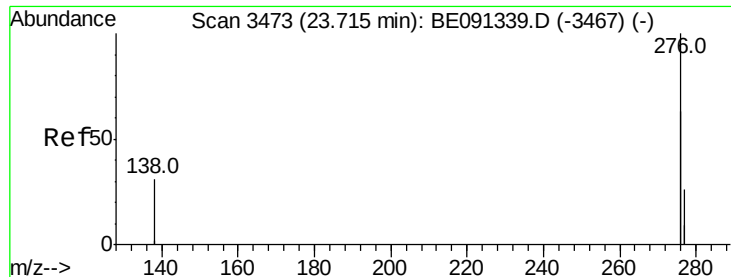


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

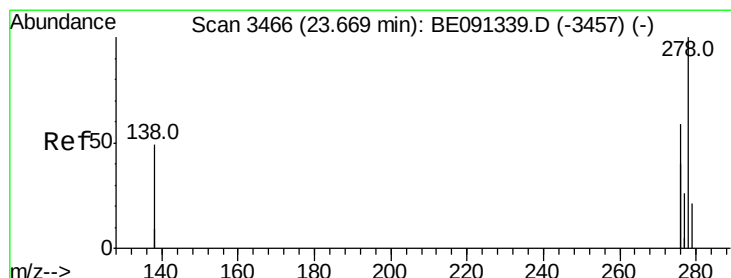
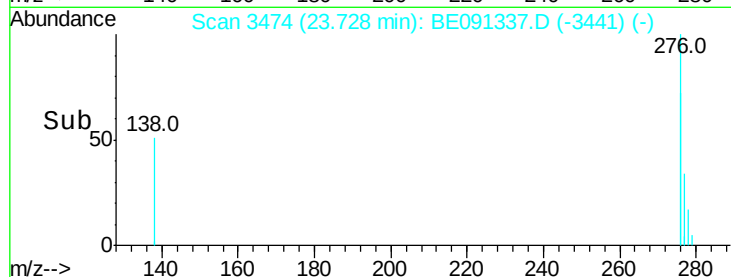
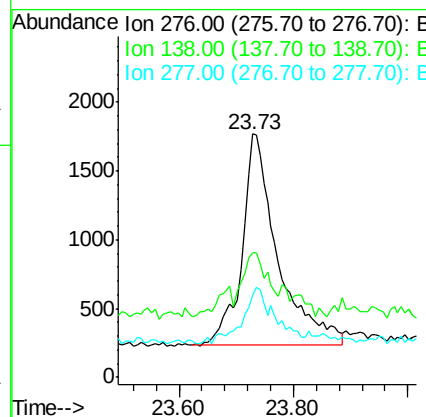
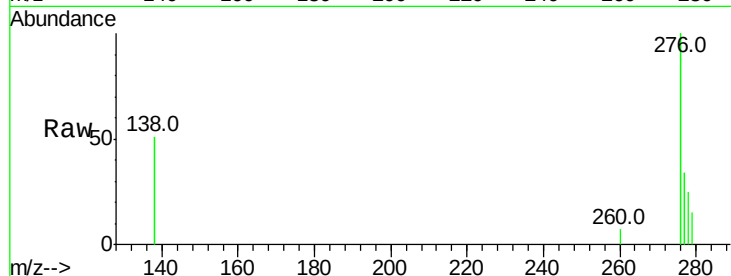




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.08 ng/ul
 RT: 23.73 min Scan# 3474
 Delta R.T. 0.01 min
 Lab File: BE091337.D
 Acq: 15 Dec 2015 00:26

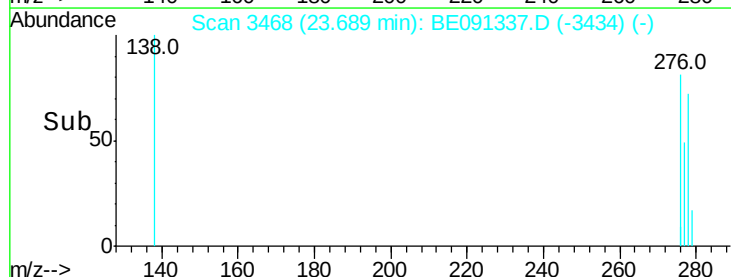
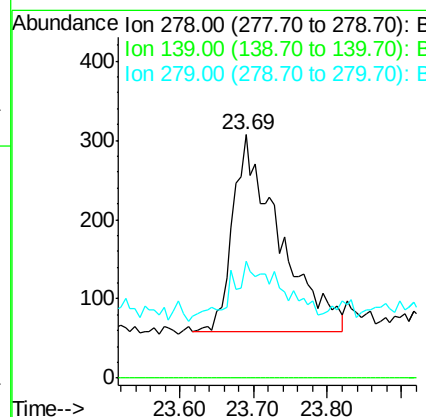
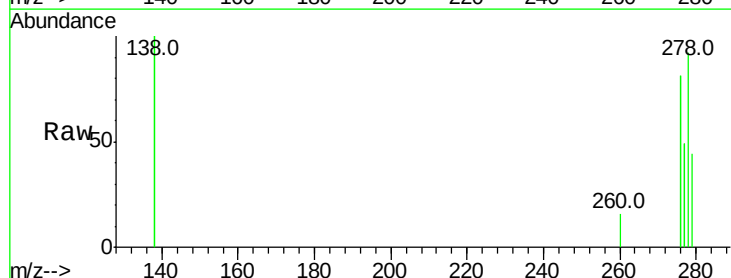
Instrument :
 BNA_E
 ClientSampleId :

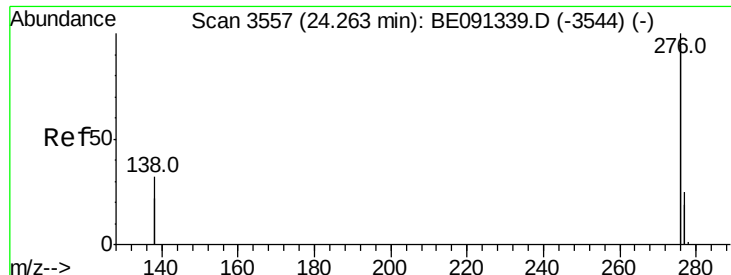
Tot Ion:276 Resp: 6649
 Ion Ratio Lower Upper
 276 100
 138 16.1 23.1 34.7#
 277 24.3 23.1 34.7



#27
 Dibenzo(a,h)anthracene
 Concen: 0.07 ng/ul
 RT: 23.69 min Scan# 3468
 Delta R.T. 0.02 min
 Lab File: BE091337.D
 Acq: 15 Dec 2015 00:26

Tgt Ion:278 Resp: 1089
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 47.9 21.4 32.2#





#28

Benzo(a,h,i)perylene

Concen: 0.08 ng/ul

RT: 24.27 min Scan# 3557

Delta R.T. 0.01 min

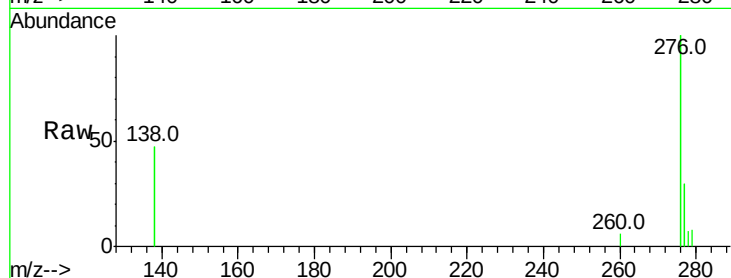
Lab File: BE091337.D

Acq: 15 Dec 2015 00:26

Instrument :

BNA_E

ClientSampleId :



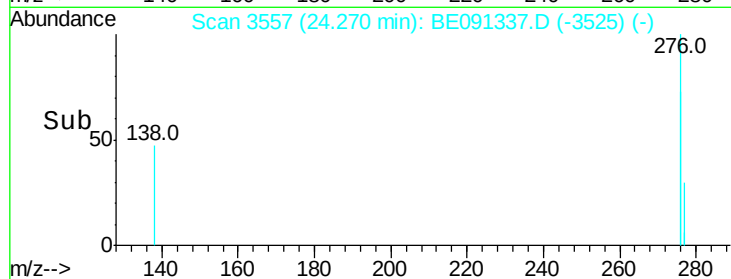
Tot Ion:276 Resp: 6755

Ion Ratio Lower Upper

276 100

277 29.9 20.3 30.5

138 46.6 25.3 37.9#



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

