

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030415\
 Data File : BE089736.D
 Acq On : 4 Mar 2015 23:54
 Operator : TP/JJ
 Sample : MDL-06-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 05 00:56:54 2015

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE030315.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 05 00:14:14 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	3728	0.40	ng/ul	0.00
4) Naphthalene-d8	12.24	136	15316	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	6508	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	11004	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	4199	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	1745	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	2.64	96	7630	1.56	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.85	152	2	0.00	ng/ul	-0.01
16) Fluoranthene-d10	21.69	212	3	0.00	ng/ul	0.00

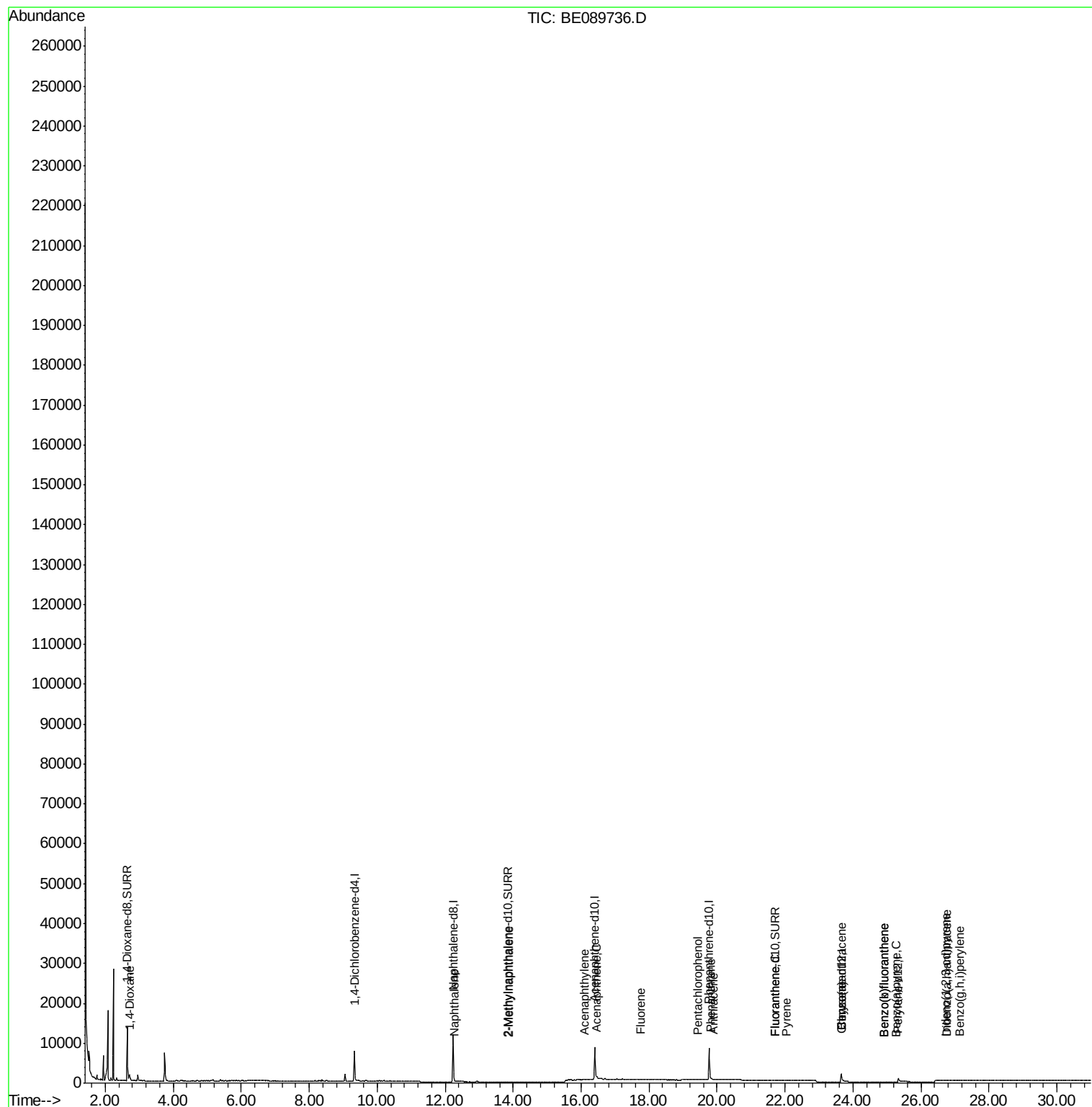
Target Compounds

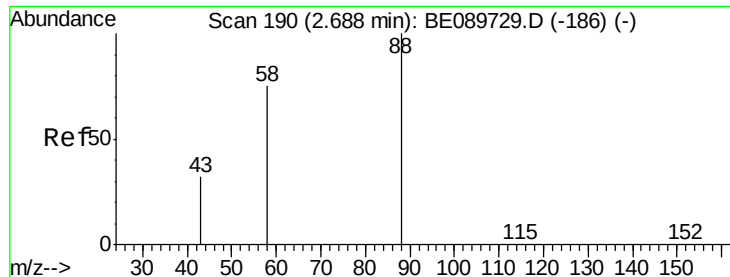
						Qvalue
3) 1,4-Dioxane	2.71	88	1382	0.24	ng/ul#	81
5) Naphthalene	12.27	128	14	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.89	142	2	0.00	ng/ul	83
9) Acenaphthylene	16.08	152	45	0.00	ng/ul#	1
10) Acenaphthene	16.47	153	295	0.00	ng/ul#	33
11) Fluorene	17.74	166	54	0.00	ng/ul#	43
13) Pentachlorophenol	19.45	266	7	0.02	ng/ul#	58
14) Phenanthrene	19.81	178	105	0.00	ng/ul#	1
15) Anthracene	19.91	178	58	0.00	ng/ul#	1
17) Fluoranthene	21.72	202	49	0.00	ng/ul#	1
19) Pyrene	22.04	202	67	0.00	ng/ul#	1
20) Benzo(a)anthracene	23.65	228	15	0.00	ng/ul#	1
21) Chrysene	23.68	228	16	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	24.92	252	11	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	24.92	252	11	0.00	ng/ul#	1
25) Benzo(a)pyrene	25.27	252	3	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	26.73	276	13	0.00	ng/ul#	69
27) Dibenzo(a,h)anthracene	26.75	278	4	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	27.14	276	8	0.00	ng/ul#	1

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030415\
Data File : BE089736.D
Acq On : 4 Mar 2015 23:54
Operator : TP/JJ
Sample : MDL-06-W
Misc : MDL-WATER-0.4PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 05 00:56:54 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 00:14:14 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.24 ng/ul

RT: 2.71 min Scan# 194

Delta R.T. 0.03 min

Lab File: BE089736.D

Acq: 4 Mar 2015 23:54

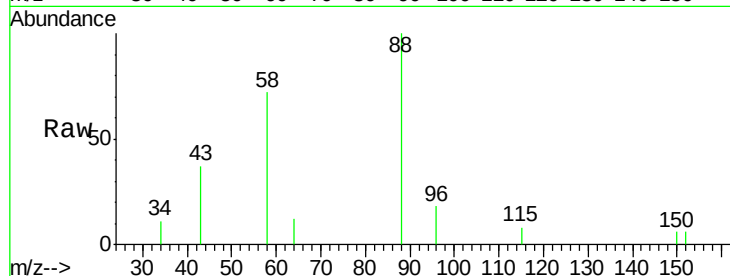
Tgt Ion: 88 Resp: 1382

Ion Ratio Lower Upper

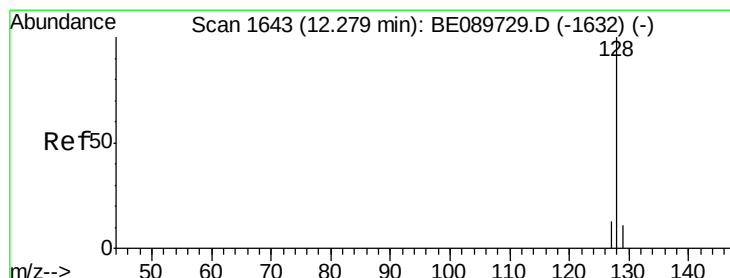
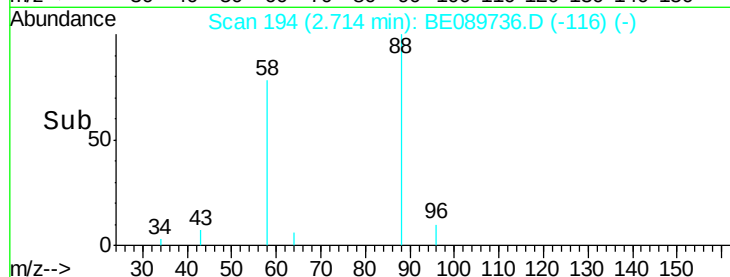
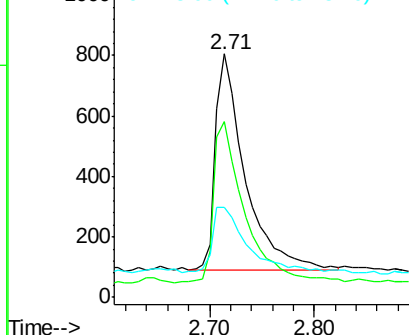
88 100

58 78.1 61.3 91.9

43 0.0 26.1 39.1#



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: 0.00 ng/ul

RT: 12.27 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BE089736.D

Acq: 4 Mar 2015 23:54

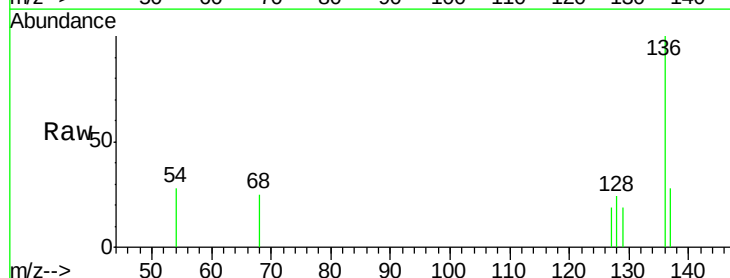
Tgt Ion: 128 Resp: 14

Ion Ratio Lower Upper

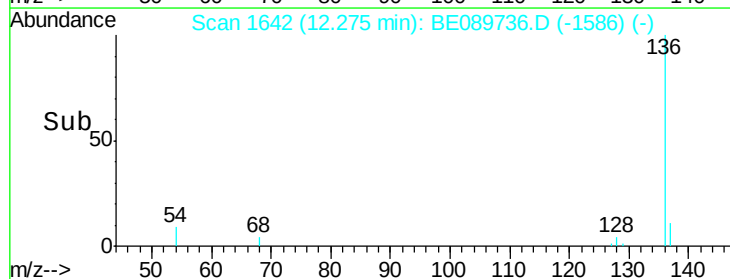
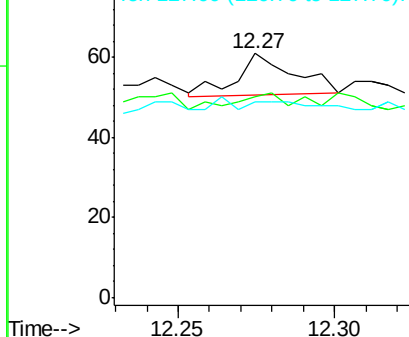
128 100

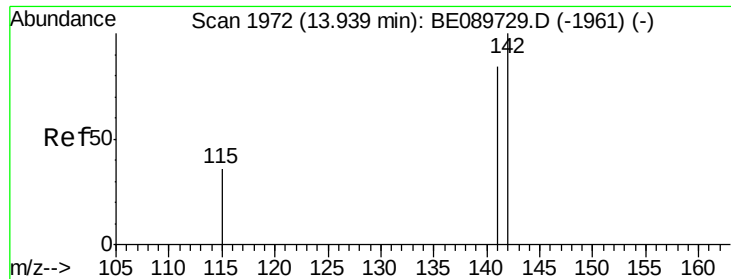
129 82.0 9.0 13.6#

127 80.3 10.2 15.4#



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: 0.00 ng/ul

RT: 13.89 min Scan# 1961

Delta R.T. -0.05 min

Lab File: BE089736.D

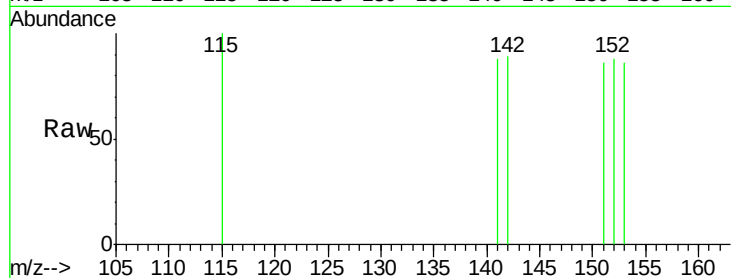
Acq: 4 Mar 2015 23:54

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 100.0 67.4 101.0

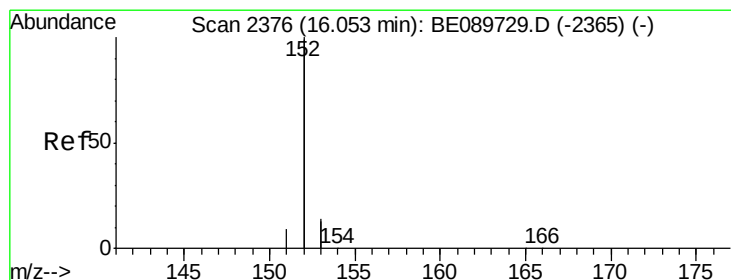
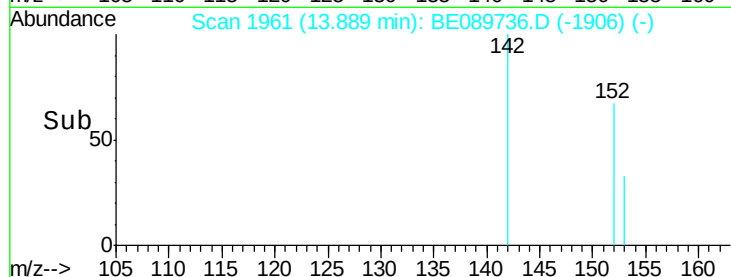


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

13.89

Time--> 13.86 13.88 13.90



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 16.08 min Scan# 2379

Delta R.T. 0.03 min

Lab File: BE089736.D

Acq: 4 Mar 2015 23:54

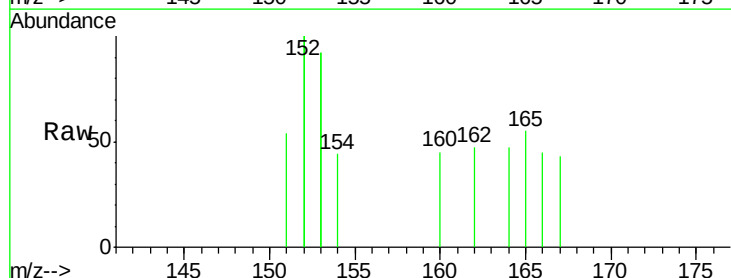
Tgt Ion:152 Resp: 45

Ion Ratio Lower Upper

152 100

151 27.0 3.8 5.8#

153 92.0 11.4 17.0#



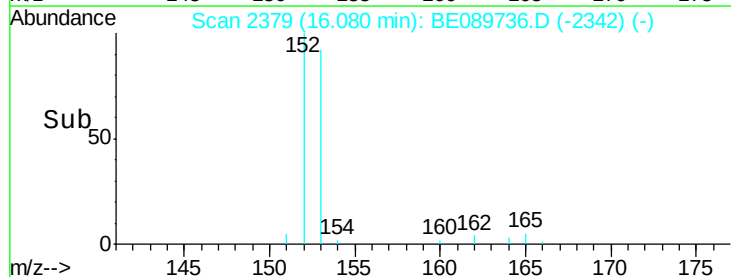
Abundance Ion 152.00 (151.70 to 152.70): E

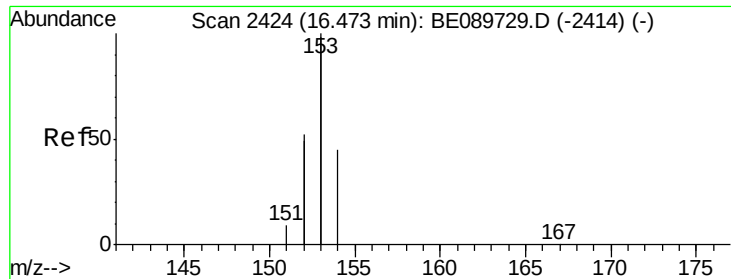
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

16.08

Time--> 16.00 16.05 16.10





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 16.47 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BE089736.D

Acq: 4 Mar 2015 23:54

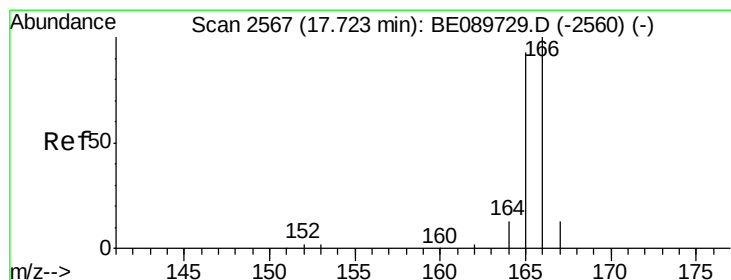
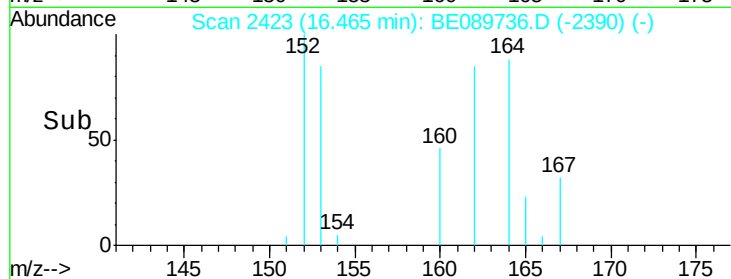
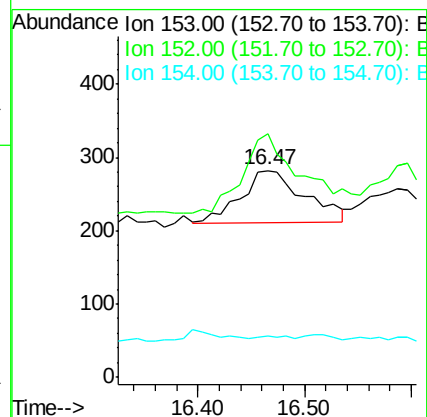
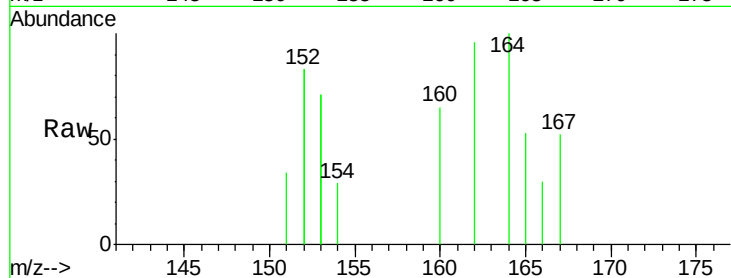
Tgt Ion:153 Resp: 295

Ion Ratio Lower Upper

153 100

152 117.7 41.2 61.8#

154 20.2 18.2 27.2



#11

Fluorene

Concen: 0.00 ng/ul

RT: 17.74 min Scan# 2569

Delta R.T. 0.02 min

Lab File: BE089736.D

Acq: 4 Mar 2015 23:54

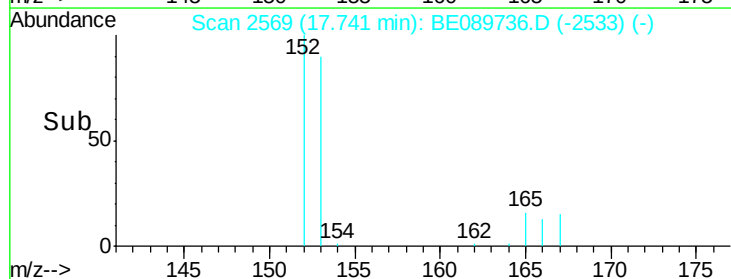
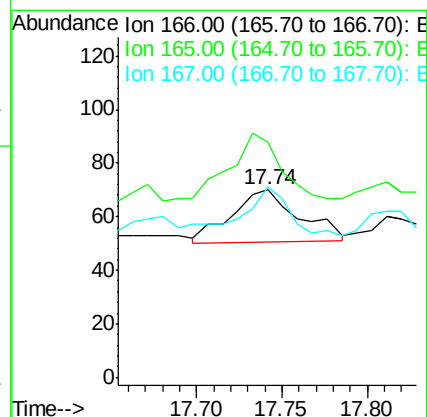
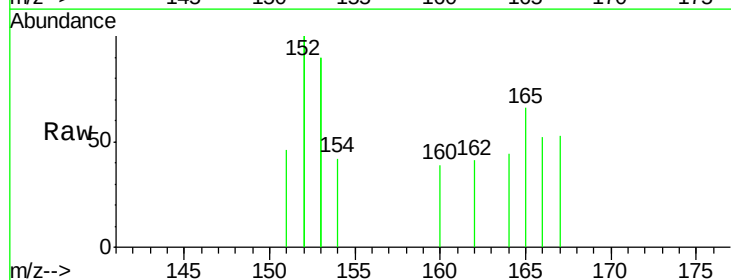
Tgt Ion:166 Resp: 54

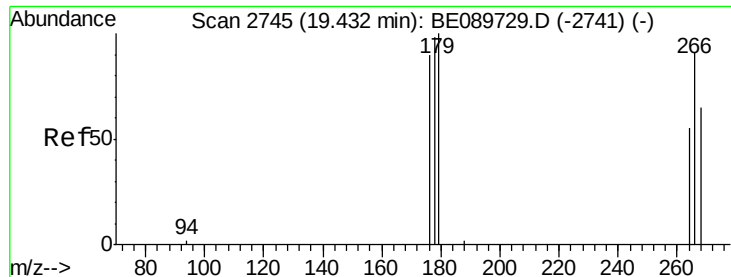
Ion Ratio Lower Upper

166 100

165 125.7 74.9 112.3#

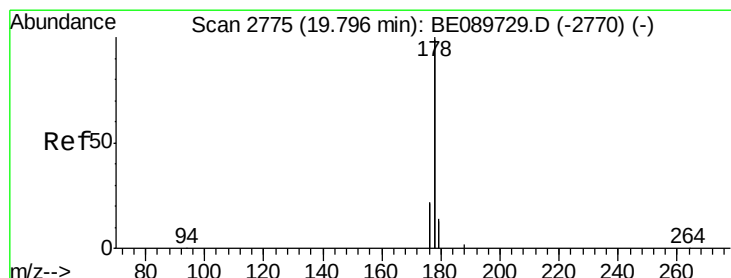
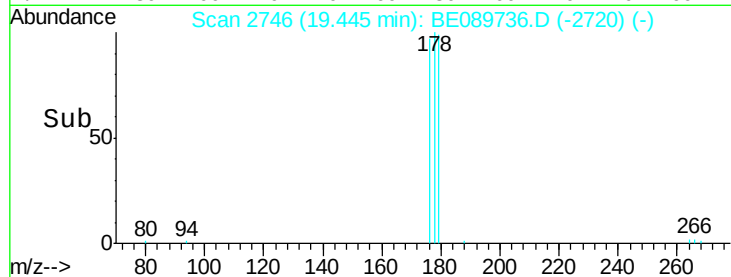
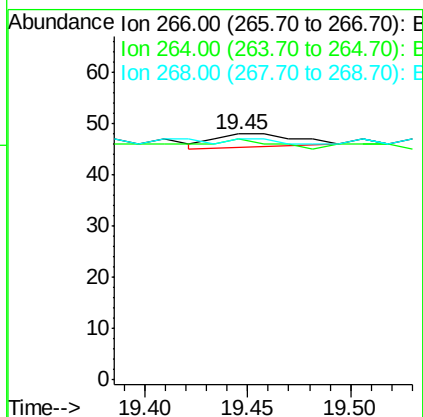
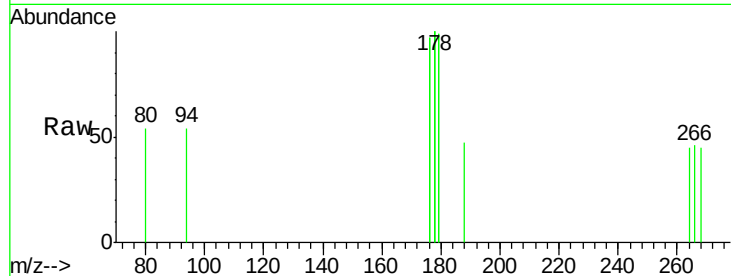
167 101.4 11.5 17.3#





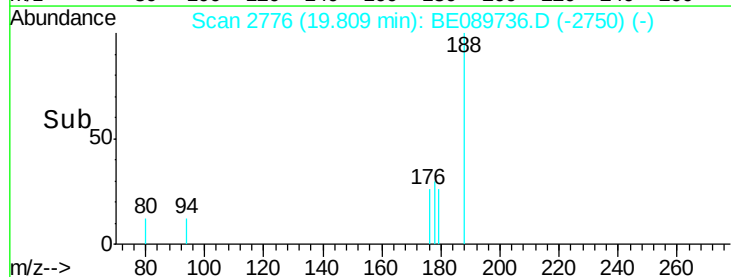
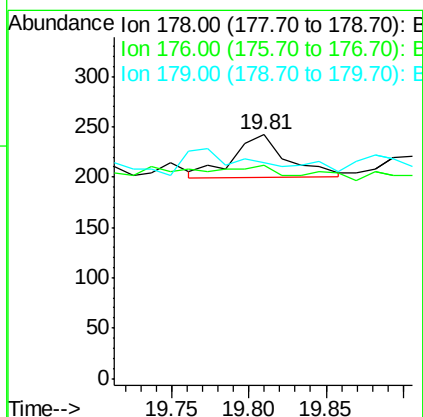
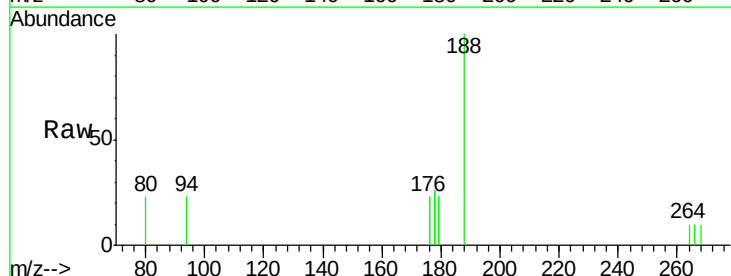
#13
 Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 19.45 min Scan# 2746
 Delta R.T. 0.01 min
 Lab File: BE089736.D
 Acq: 4 Mar 2015 23:54

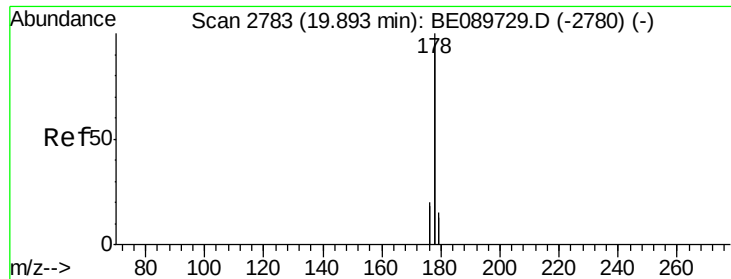
Tgt Ion: 266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 57.1 49.4 74.2
 268 0.0 47.9 71.9#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 19.81 min Scan# 2776
 Delta R.T. 0.01 min
 Lab File: BE089736.D
 Acq: 4 Mar 2015 23:54

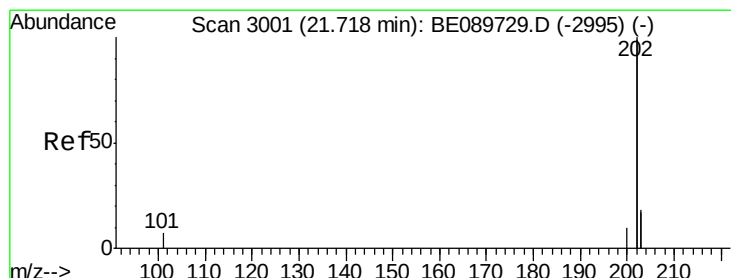
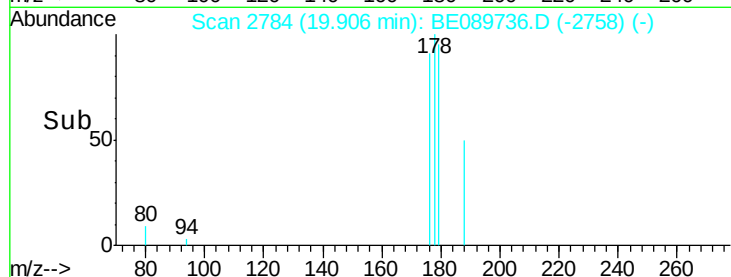
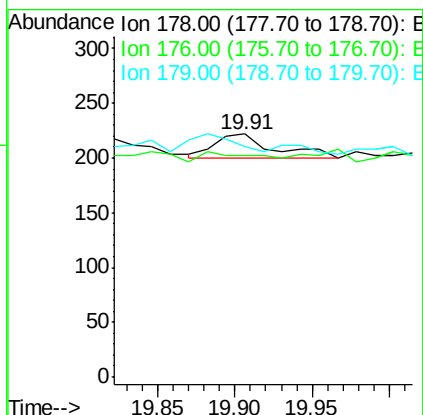
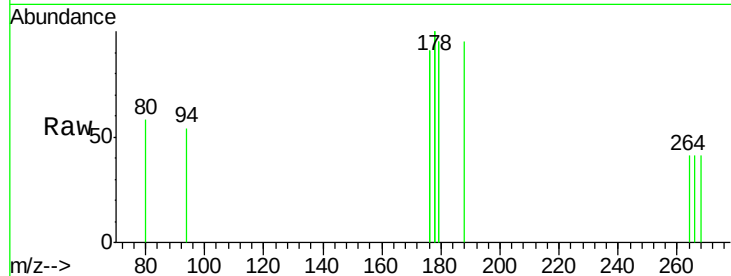
Tgt Ion: 178 Resp: 105
 Ion Ratio Lower Upper
 178 100
 176 87.6 17.6 26.4#
 179 88.4 11.6 17.4#





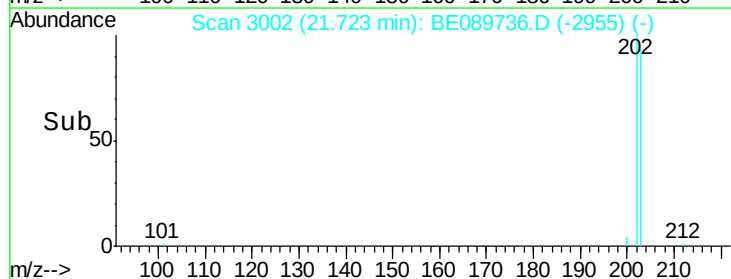
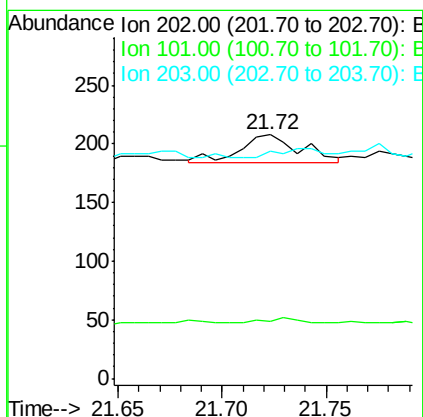
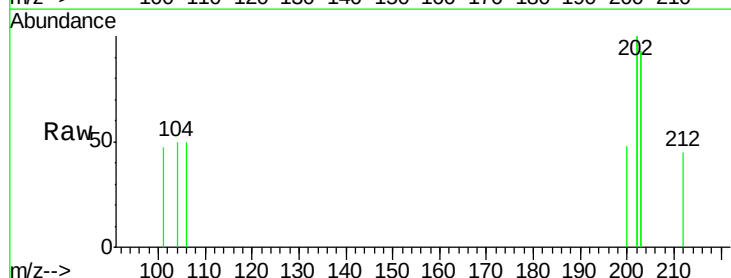
#15
 Anthracene
 Concen: 0.00 ng/ul
 RT: 19.91 min Scan# 2784
 Delta R.T. 0.01 min
 Lab File: BE089736.D
 Acq: 4 Mar 2015 23:54

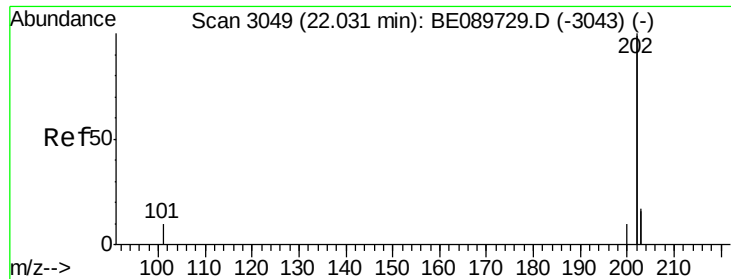
Tgt Ion:178 Resp: 58
 Ion Ratio Lower Upper
 178 100
 176 91.0 15.8 23.6#
 179 94.6 12.0 18.0#



#17
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 21.72 min Scan# 3002
 Delta R.T. 0.01 min
 Lab File: BE089736.D
 Acq: 4 Mar 2015 23:54

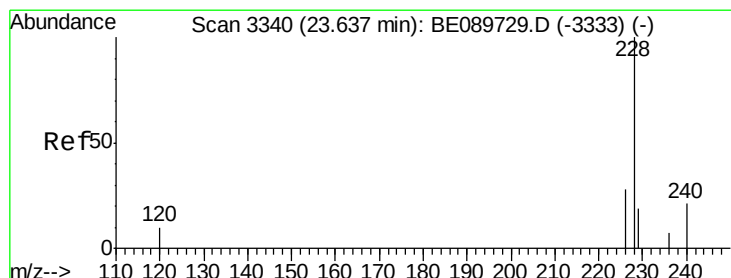
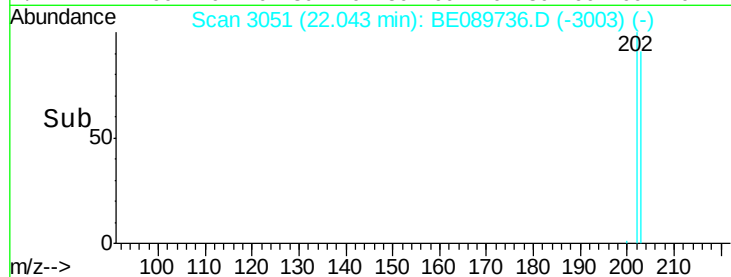
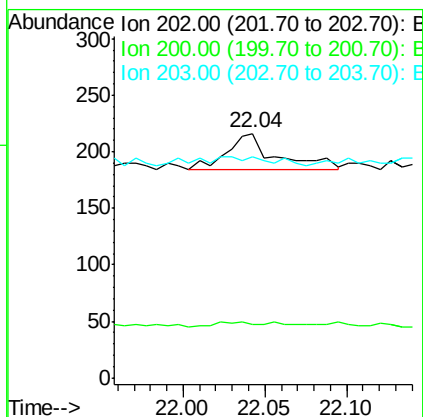
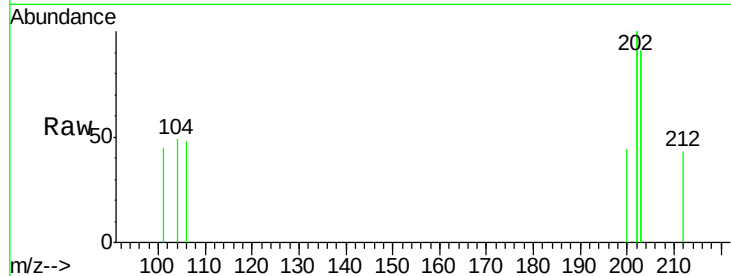
Tgt Ion:202 Resp: 49
 Ion Ratio Lower Upper
 202 100
 101 23.6 0.0 24.2
 203 93.3 0.0 37.0#





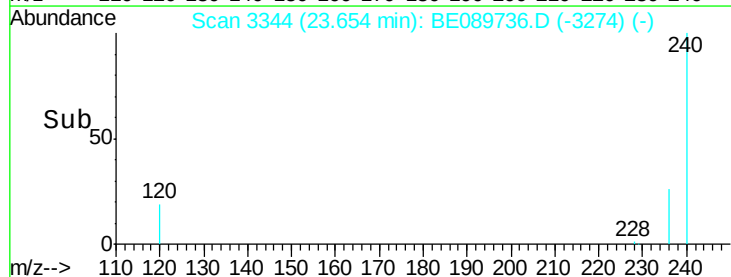
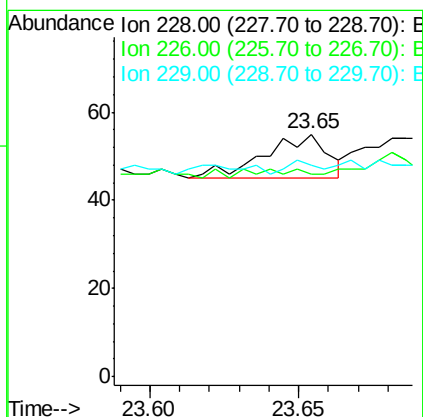
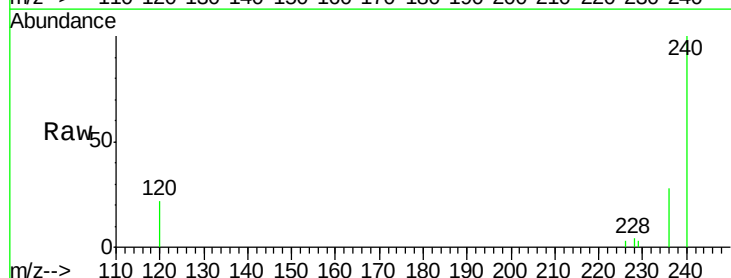
#19
 Pyrene
 Concen: 0.00 ng/ul
 RT: 22.04 min Scan# 3051
 Delta R.T. 0.01 min
 Lab File: BE089736.D
 Acq: 4 Mar 2015 23:54

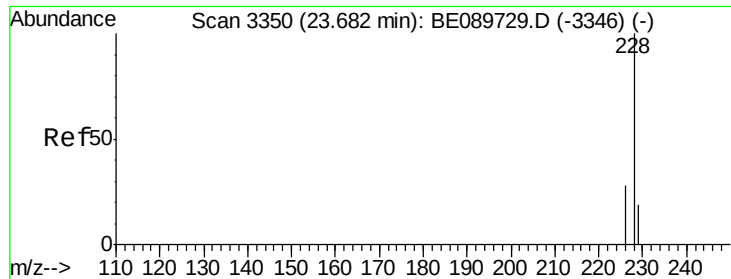
Tgt Ion: 202 Resp: 67
 Ion Ratio Lower Upper
 202 100
 200 21.8 4.4 6.6#
 203 90.7 13.6 20.4#



#20
 Benzo(a)anthracene
 Concen: 0.00 ng/ul
 RT: 23.65 min Scan# 3344
 Delta R.T. 0.02 min
 Lab File: BE089736.D
 Acq: 4 Mar 2015 23:54

Tgt Ion: 228 Resp: 15
 Ion Ratio Lower Upper
 228 100
 226 83.6 22.8 34.2#
 229 87.3 16.2 24.2#





#21

Chrysene

Concen: 0.00 ng/ul

RT: 23.68 min Scan# 3350

Delta R.T. -0.00 min

Lab File: BE089736.D

Acq: 4 Mar 2015 23:54

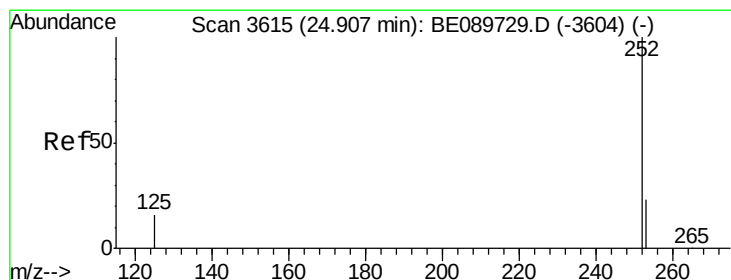
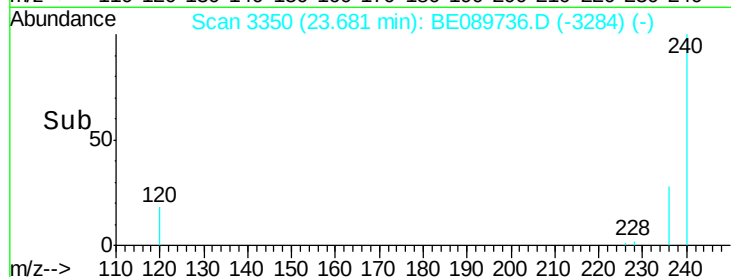
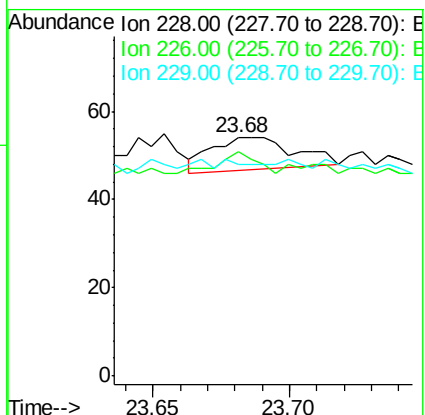
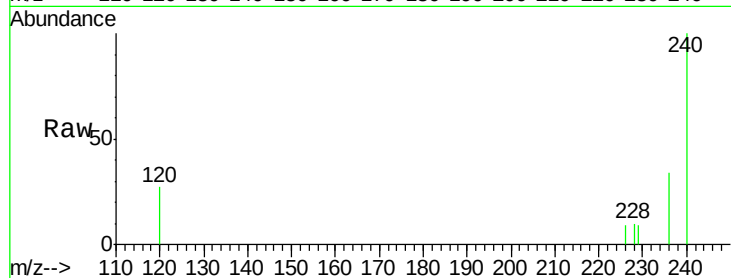
Tgt Ion: 228 Resp: 16

Ion Ratio Lower Upper

228 100

226 94.4 23.7 35.5#

229 88.9 15.5 23.3#



#23

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 24.92 min Scan# 3618

Delta R.T. 0.01 min

Lab File: BE089736.D

Acq: 4 Mar 2015 23:54

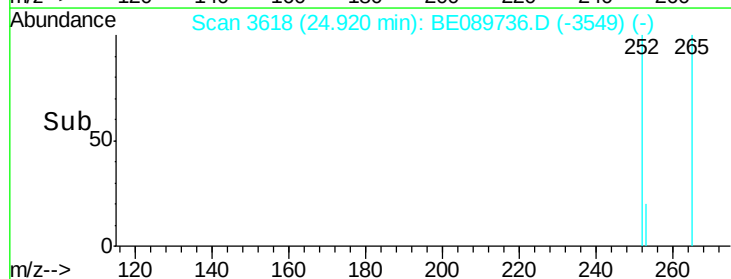
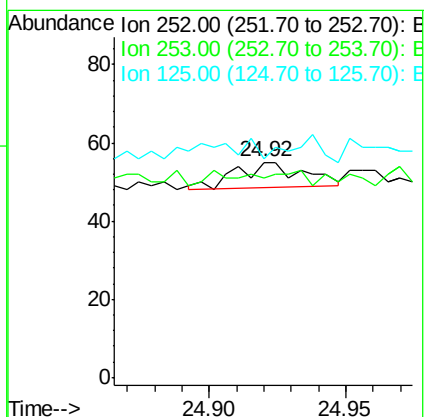
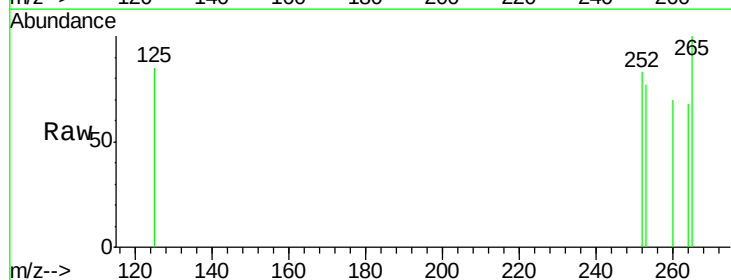
Tgt Ion: 252 Resp: 11

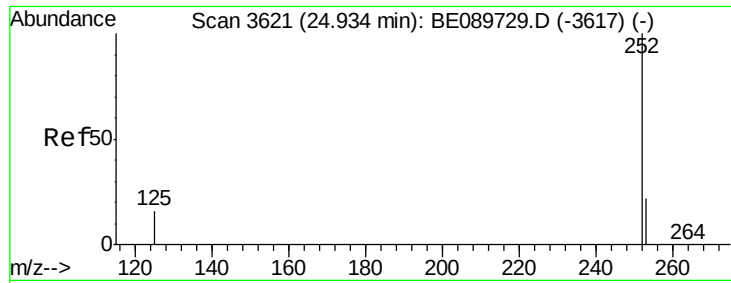
Ion Ratio Lower Upper

252 100

253 92.7 0.0 47.0#

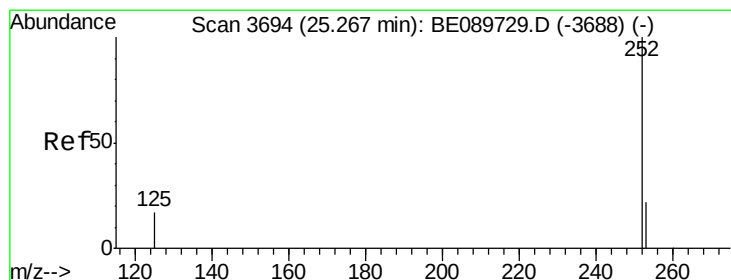
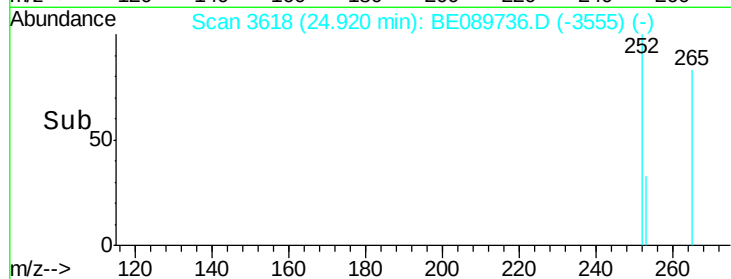
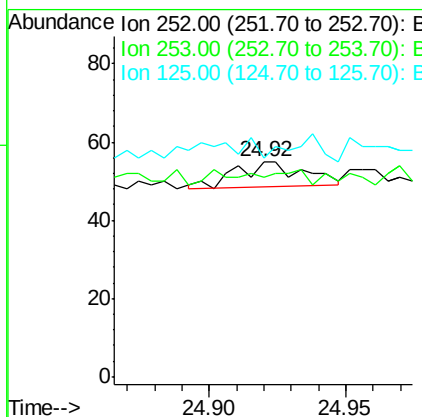
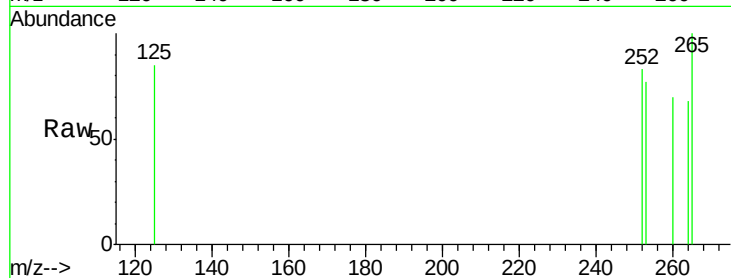
125 101.8 0.0 37.8#





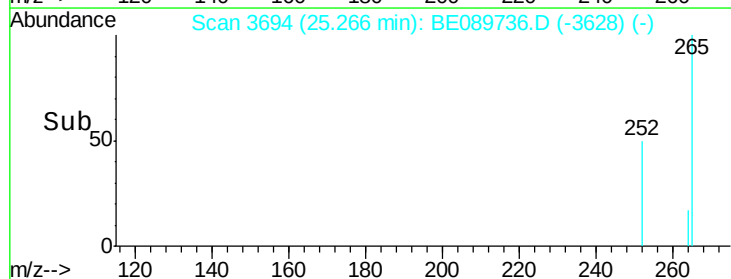
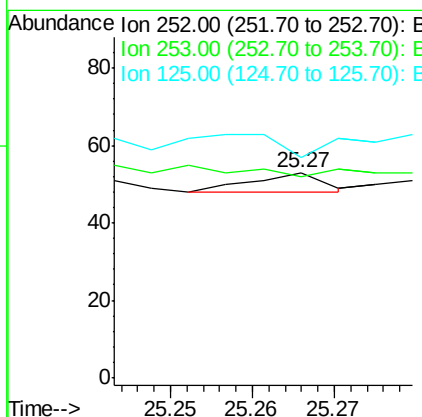
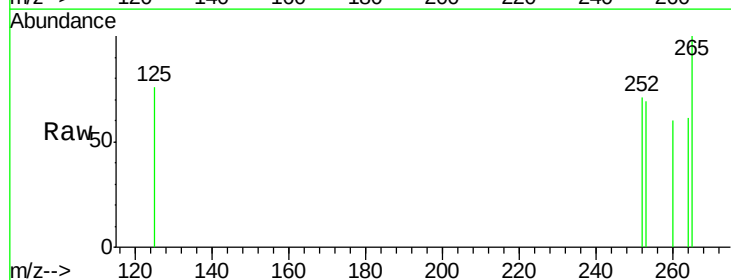
#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 24.92 min Scan# 3618
Delta R.T. -0.01 min
Lab File: BE089736.D
Acq: 4 Mar 2015 23:54

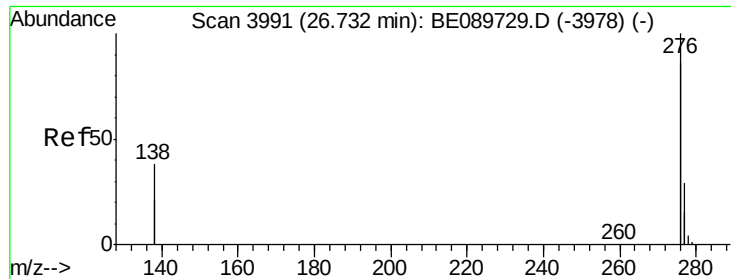
Tgt Ion: 252 Resp: 11
Ion Ratio Lower Upper
252 100
253 92.7 18.2 27.4#
125 101.8 14.6 22.0#



#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 25.27 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BE089736.D
Acq: 4 Mar 2015 23:54

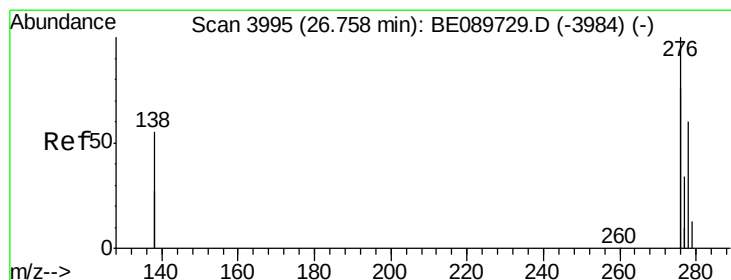
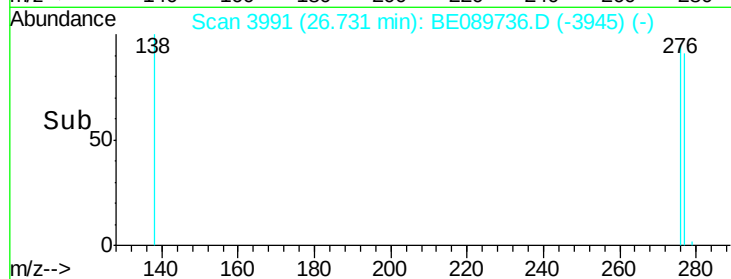
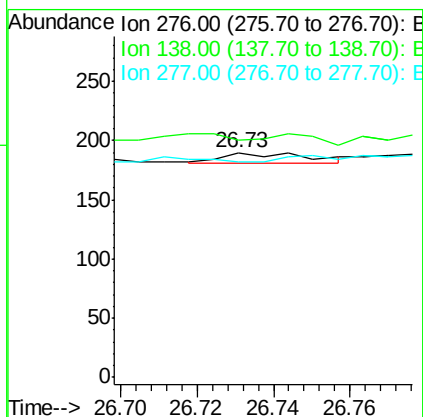
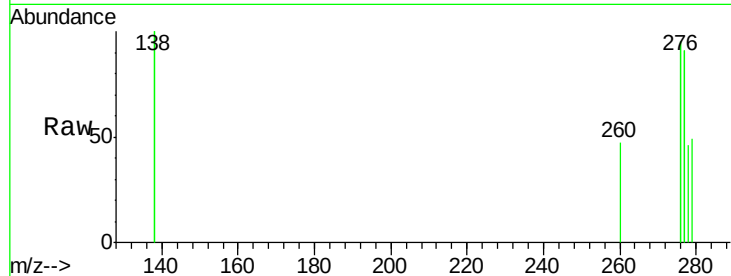
Tgt Ion: 252 Resp: 3
Ion Ratio Lower Upper
252 100
253 98.1 19.8 29.6#
125 107.5 16.0 24.0#





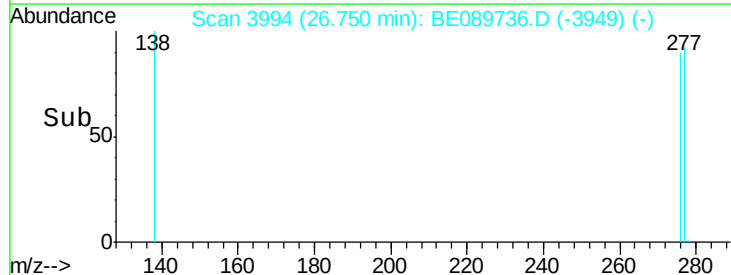
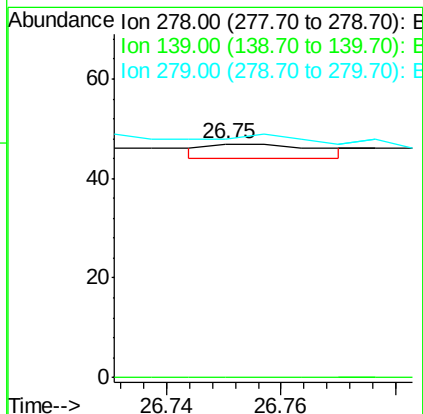
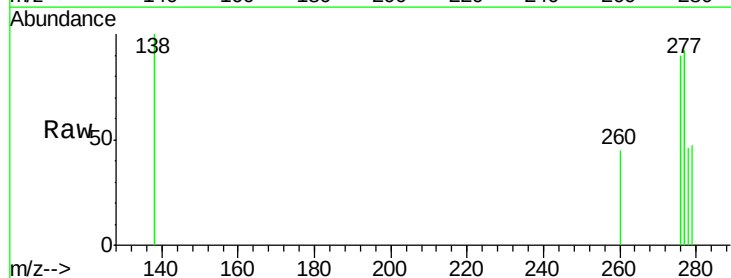
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng/ul
 RT: 26.73 min Scan# 3991
 Delta R.T. -0.00 min
 Lab File: BE089736.D
 Acq: 4 Mar 2015 23:54

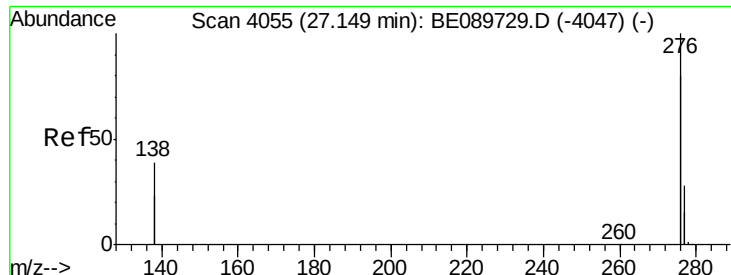
Tgt Ion: 276 Resp: 13
 Ion Ratio Lower Upper
 276 100
 138 69.2 36.8 55.2#
 277 38.5 20.6 31.0#



#27
 Dibenzo(a,h)anthracene
 Concen: 0.00 ng/ul
 RT: 26.75 min Scan# 3994
 Delta R.T. -0.01 min
 Lab File: BE089736.D
 Acq: 4 Mar 2015 23:54

Tgt Ion: 278 Resp: 4
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 102.1 25.4 38.2#





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 27.14 min Scan# 4053

Delta R.T. -0.01 min

Lab File: BE089736.D

Acq: 4 Mar 2015 23:54

Tgt Ion: 276 Resp: 8

Ion Ratio Lower Upper

276 100

277 97.9 21.4 32.2#

138 106.3 31.4 47.0#

