

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
 Data File : BE089747.D
 Acq On : 5 Mar 2015 16:52
 Operator : TP/JJ
 Sample : MDL-05-S
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 06 09:40:42 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 : Wed Mar 04 14:17:55 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	4310	0.40	ng/ul	0.00
4) Naphthalene-d8	12.24	136	17953	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	7712	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	13412	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	5748	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	2771	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	2.64	96	10265	1.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.88	152	4	0.00	ng/ul	0.00
16) Fluoranthene-d10	21.70	212	5	0.00	ng/ul	0.00

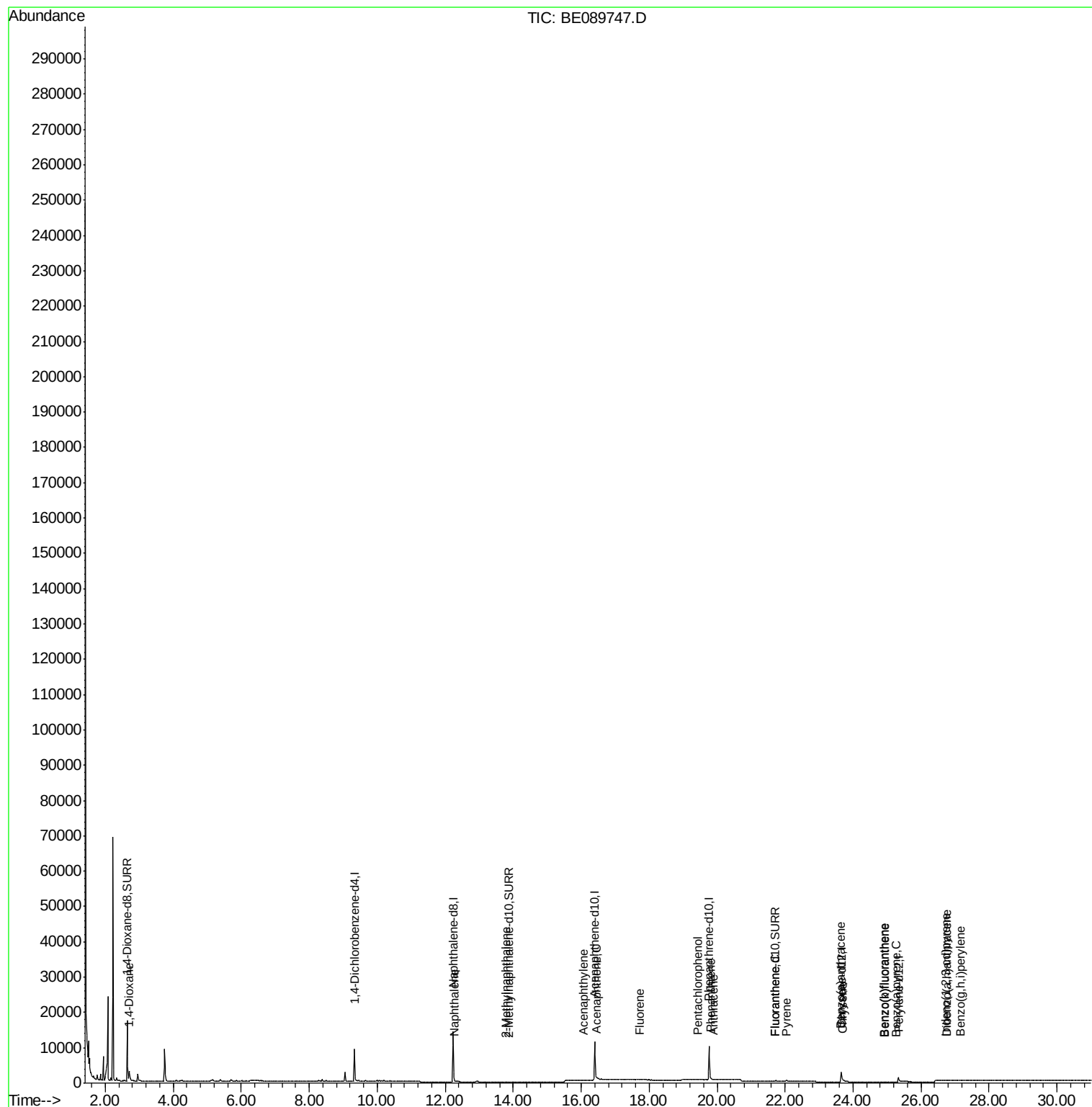
Target Compounds

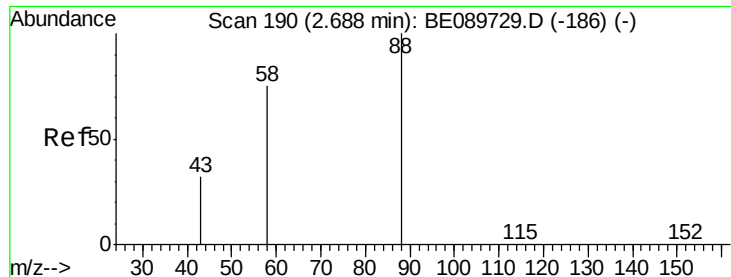
					Qvalue
3) 1,4-Dioxane	2.71	88	2148	0.33	ng/ul# 81
5) Naphthalene	12.28	128	42	0.00	ng/ul# 1
7) 2-Methylnaphthalene	13.80	142	1	0.00	ng/ul 83
9) Acenaphthylene	16.06	152	92	0.00	ng/ul# 1
10) Acenaphthene	16.46	153	315	0.00	ng/ul# 36
11) Fluorene	17.73	166	68	0.00	ng/ul# 46
13) Pentachlorophenol	19.43	266	18	0.03	ng/ul# 79
14) Phenanthrene	19.81	178	304	0.00	ng/ul# 1
15) Anthracene	19.91	178	128	0.00	ng/ul# 1
17) Fluoranthene	21.72	202	208	0.00	ng/ul# 1
19) Pyrene	22.04	202	237	0.00	ng/ul# 7
20) Benzo(a)anthracene	23.64	228	27	0.00	ng/ul# 1
21) Chrysene	23.69	228	18	0.00	ng/ul# 1
23) Benzo(b)fluoranthene	24.92	252	16	0.01	ng/ul# 1
24) Benzo(k)fluoranthene	24.94	252	18	0.00	ng/ul# 1
25) Benzo(a)pyrene	25.27	252	5	0.00	ng/ul# 1
26) Indeno(1,2,3-cd)pyrene	26.74	276	36	0.00	ng/ul# 72
27) Dibenzo(a,h)anthracene	26.76	278	6	0.00	ng/ul# 1
28) Benzo(g,h,i)perylene	27.17	276	37	0.00	ng/ul# 1

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
Data File : BE089747.D
Acq On : 5 Mar 2015 16:52
Operator : TP/JJ
Sample : MDL-05-S
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 06 09:40:42 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 : Wed Mar 04 14:17:55 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.33 ng/ul

RT: 2.71 min Scan# 193

Delta R.T. 0.02 min

Lab File: BE089747.D

Acq: 5 Mar 2015 16:52

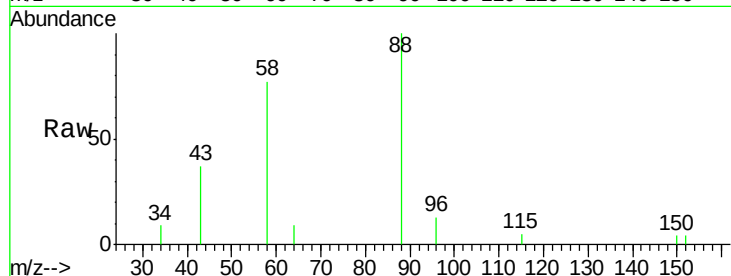
Tgt Ion: 88 Resp: 2148

Ion Ratio Lower Upper

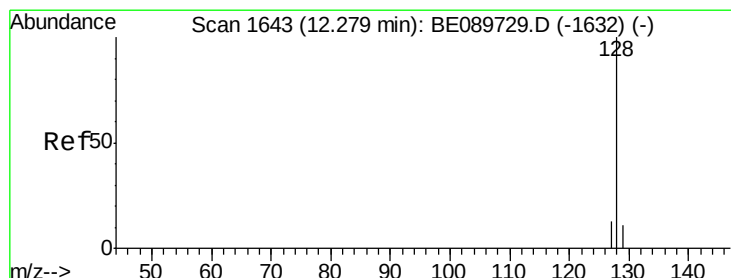
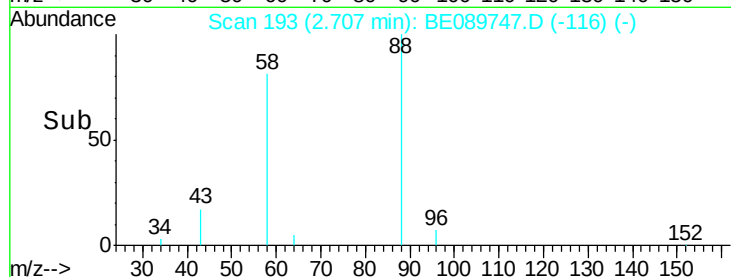
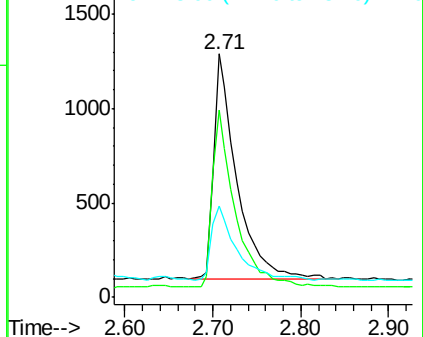
88 100

58 79.1 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: 12.28 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BE089747.D

Acq: 5 Mar 2015 16:52

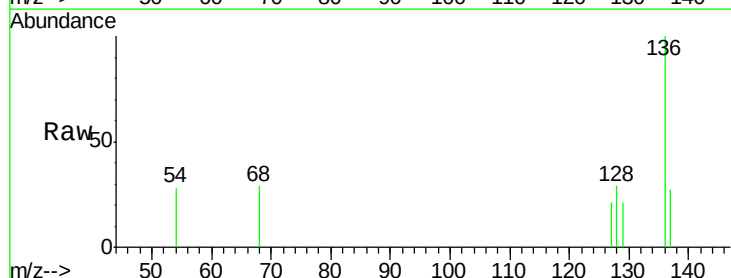
Tgt Ion: 128 Resp: 42

Ion Ratio Lower Upper

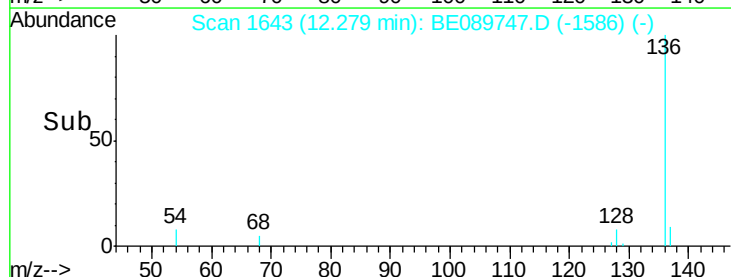
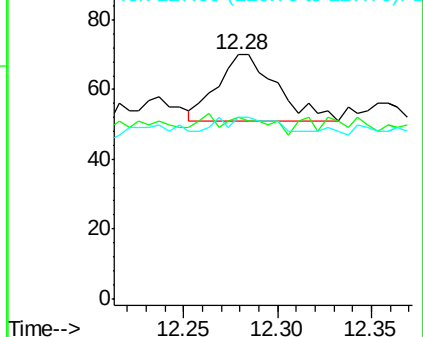
128 100

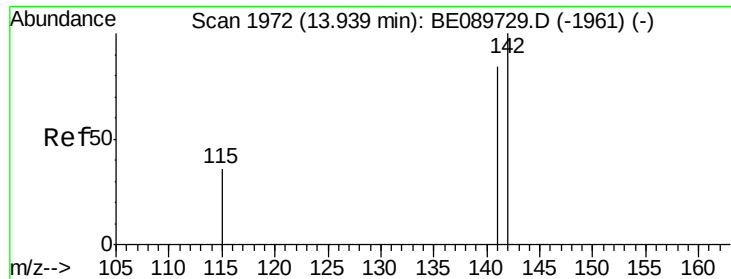
129 74.3 9.0 13.6#

127 74.3 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: 13.80 min Scan# 1941

Delta R.T. -0.14 min

Lab File: BE089747.D

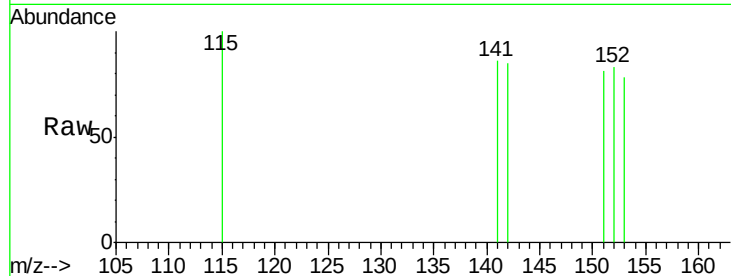
Acq: 5 Mar 2015 16:52

Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

142 100

141 100.0 67.4 101.0

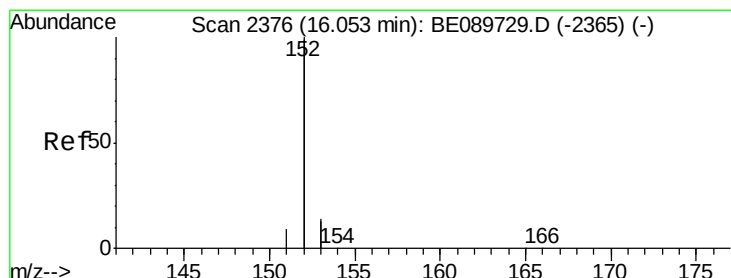
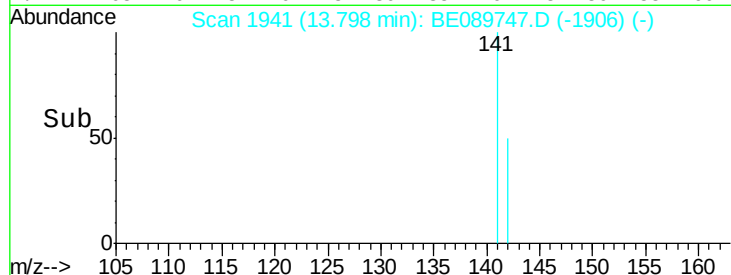


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

13.80

Time--> 13.79 13.80 13.80 13.81



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 16.06 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BE089747.D

Acq: 5 Mar 2015 16:52

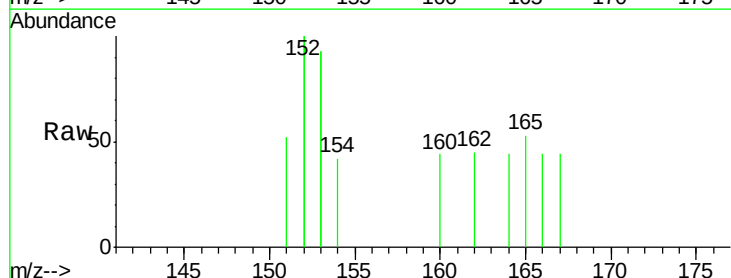
Tgt Ion:152 Resp: 92

Ion Ratio Lower Upper

152 100

151 25.8 3.8 5.8#

153 93.2 11.4 17.0#



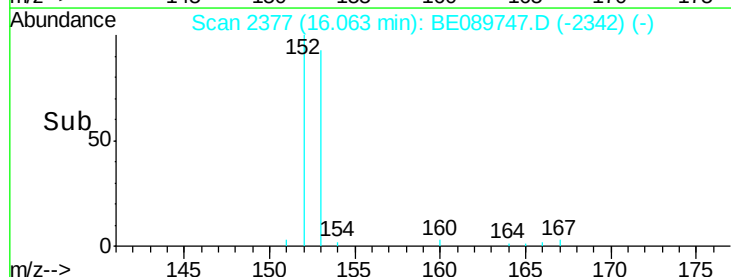
Abundance Ion 152.00 (151.70 to 152.70): E

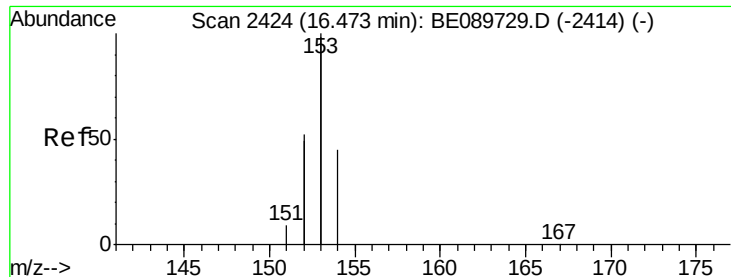
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

16.06

Time--> 15.95 16.00 16.05 16.10





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 16.46 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BE089747.D

Acq: 5 Mar 2015 16:52

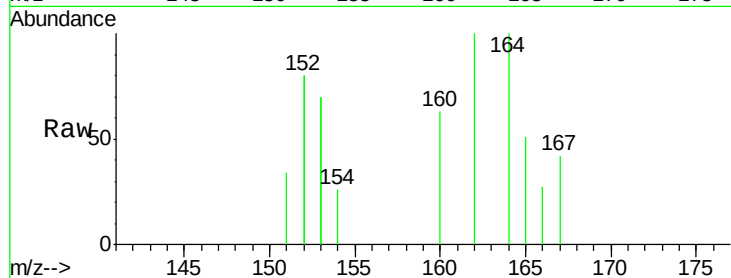
Tgt Ion:153 Resp: 315

Ion Ratio Lower Upper

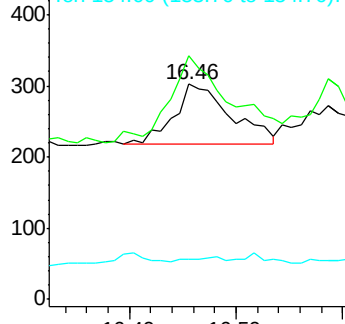
153 100

152 113.2 41.2 61.8#

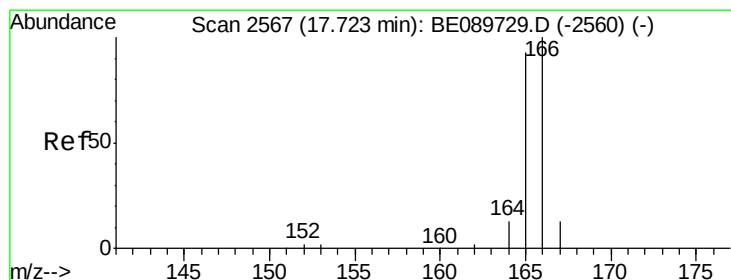
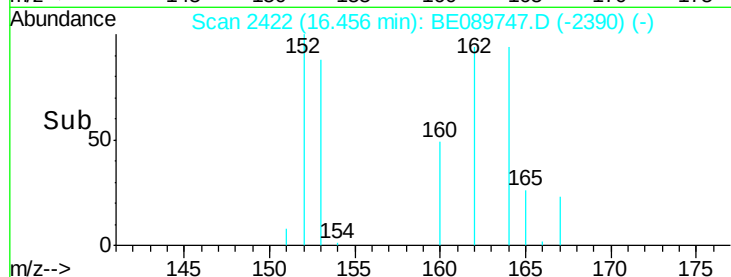
154 18.5 18.2 27.2



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



Time-->



#11

Fluorene

Concen: 0.00 ng/ul

RT: 17.73 min Scan# 2568

Delta R.T. 0.01 min

Lab File: BE089747.D

Acq: 5 Mar 2015 16:52

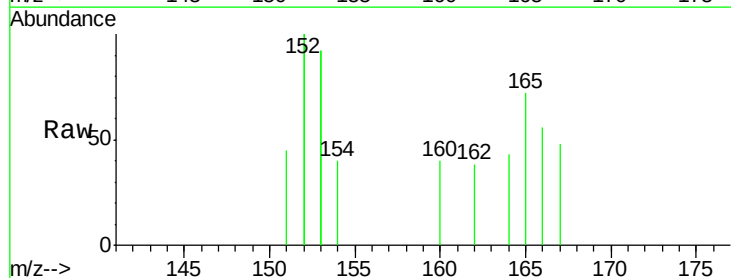
Tgt Ion:166 Resp: 68

Ion Ratio Lower Upper

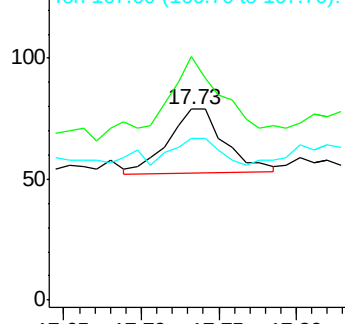
166 100

165 127.8 74.9 112.3#

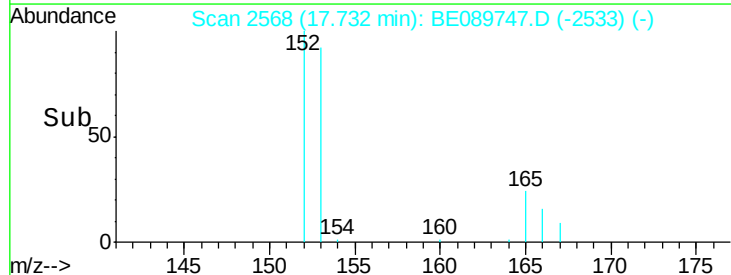
167 84.8 11.5 17.3#

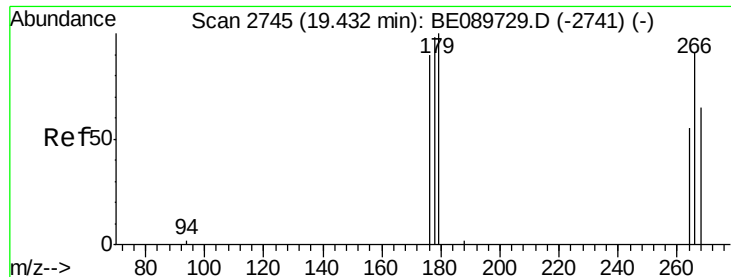


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



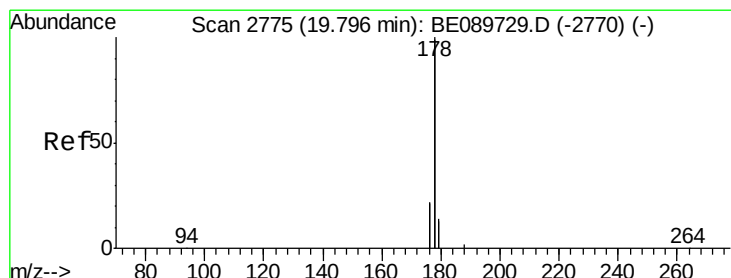
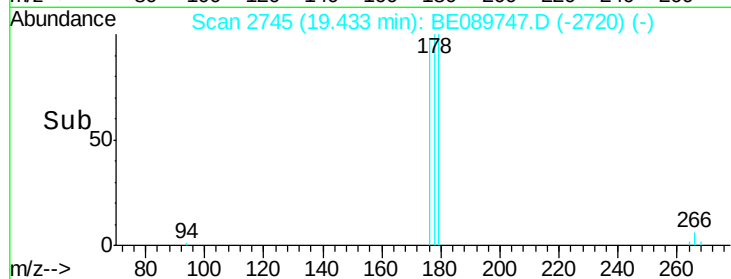
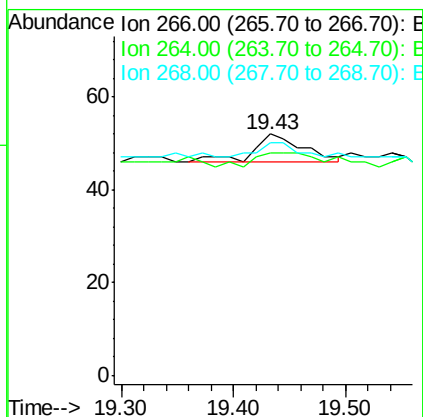
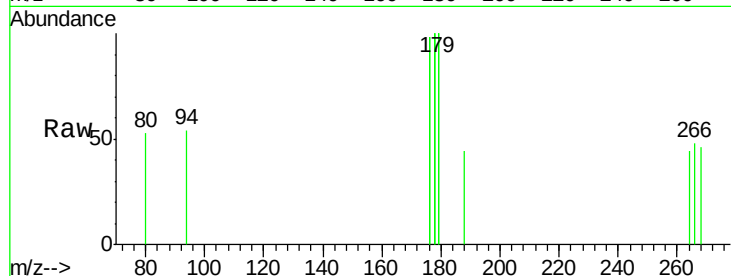
Time-->





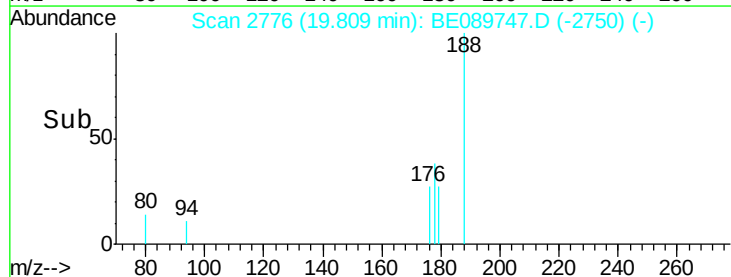
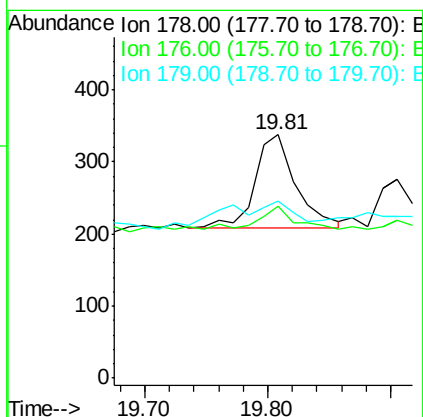
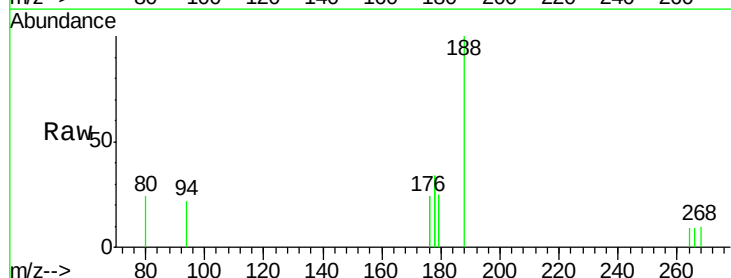
#13
 Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 19.43 min Scan# 2745
 Delta R.T. 0.00 min
 Lab File: BE089747.D
 Acq: 5 Mar 2015 16:52

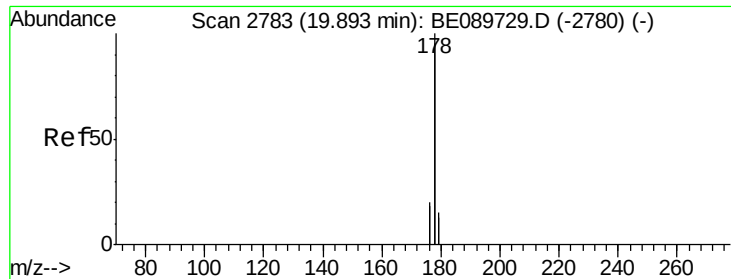
Tgt Ion: 266 Resp: 18
 Ion Ratio Lower Upper
 266 100
 264 77.8 49.4 74.2#
 268 44.4 47.9 71.9#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 19.81 min Scan# 2776
 Delta R.T. 0.01 min
 Lab File: BE089747.D
 Acq: 5 Mar 2015 16:52

Tgt Ion: 178 Resp: 304
 Ion Ratio Lower Upper
 178 100
 176 70.4 17.6 26.4#
 179 72.8 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: BE089747.D

Acq: 5 Mar 2015 16:52

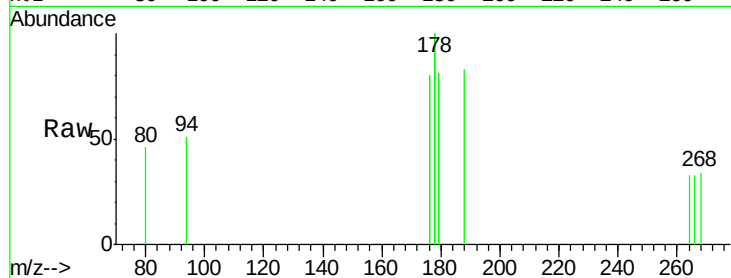
Tgt Ion:178 Resp: 128

Ion Ratio Lower Upper

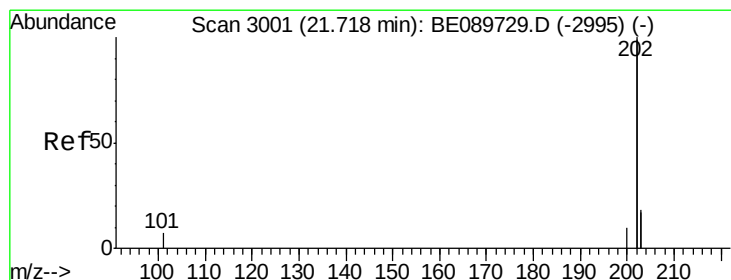
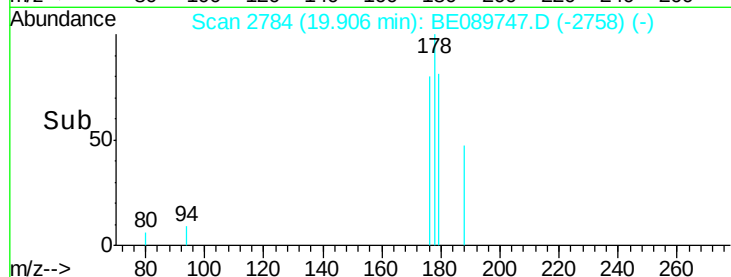
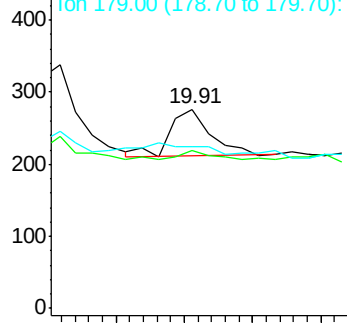
178 100

176 79.7 15.8 23.6#

179 81.2 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E



#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 21.72 min Scan# 3002

Delta R.T. 0.01 min

Lab File: BE089747.D

Acq: 5 Mar 2015 16:52

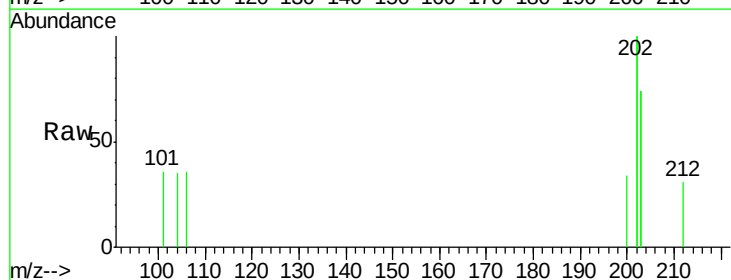
Tgt Ion:202 Resp: 208

Ion Ratio Lower Upper

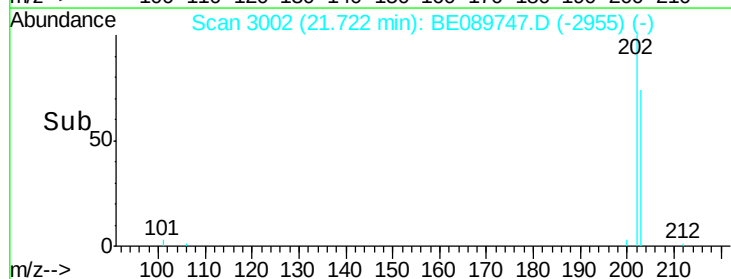
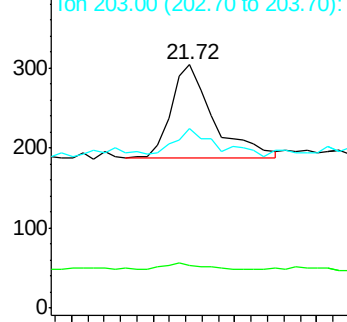
202 100

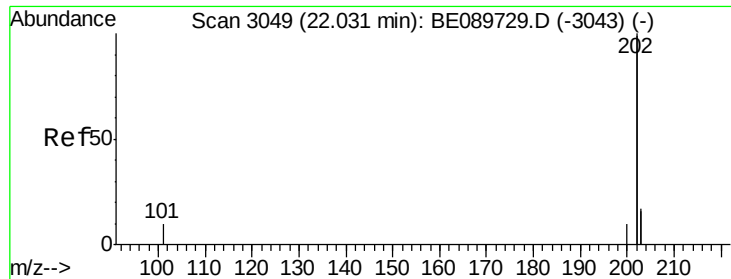
101 17.8 0.0 24.2

203 73.7 0.0 37.0#



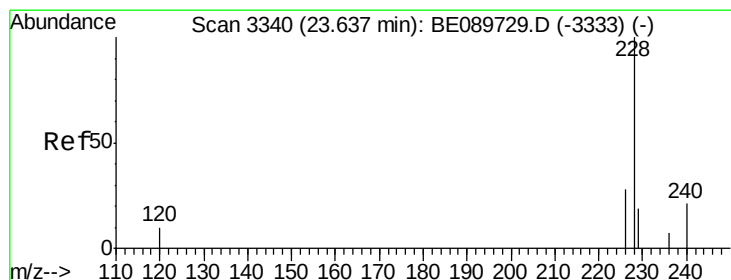
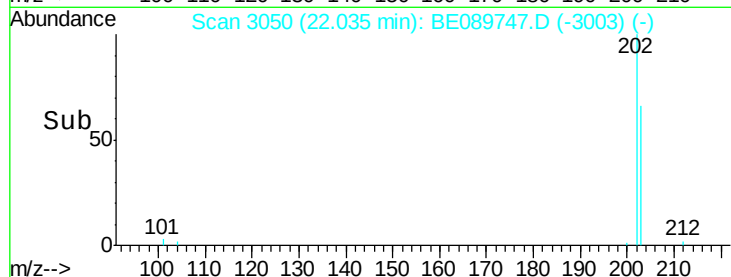
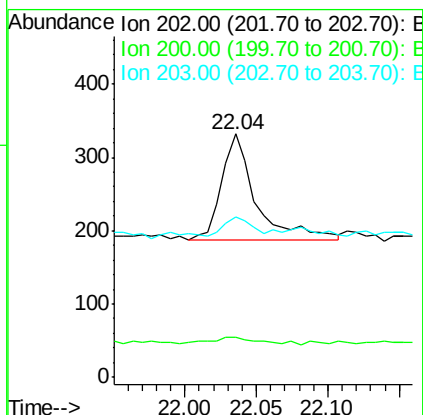
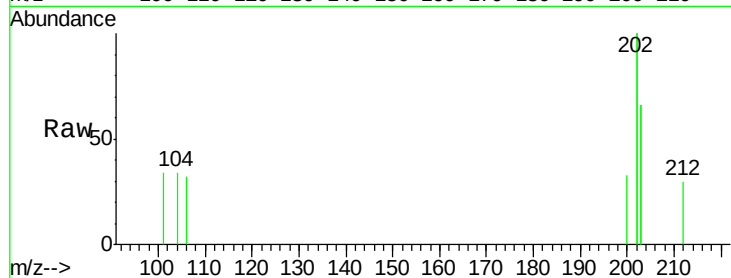
Abundance Ion 202.00 (201.70 to 202.70): E





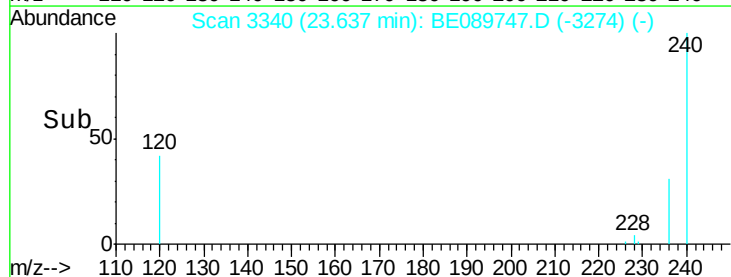
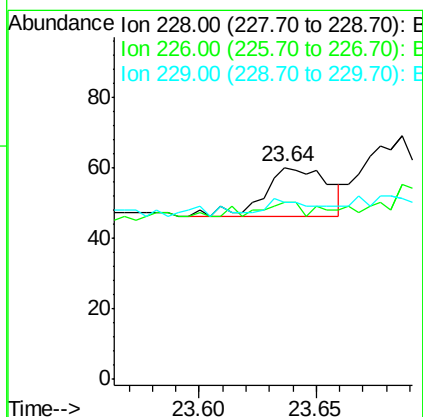
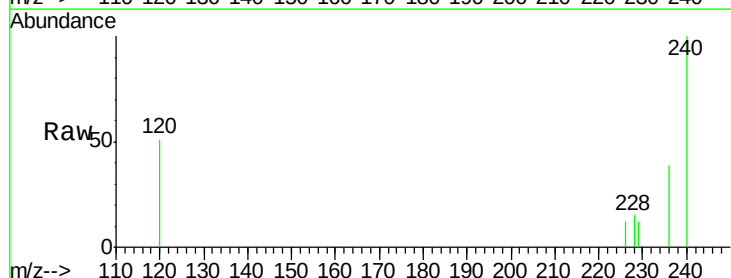
#19
Pyrene
Concen: 0.00 ng/ul
RT: 22.04 min Scan# 3050
Delta R.T. 0.01 min
Lab File: BE089747.D
Acq: 5 Mar 2015 16:52

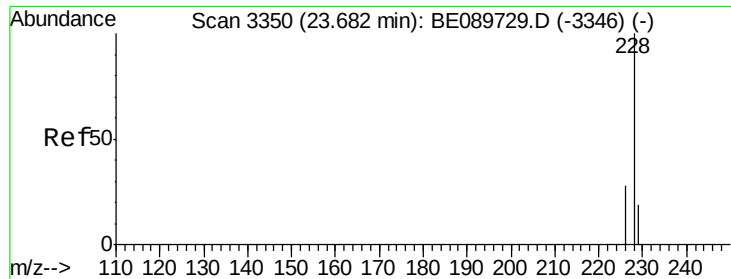
Tgt Ion: 202 Resp: 237
Ion Ratio Lower Upper
202 100
200 16.3 4.4 6.6#
203 65.7 13.6 20.4#



#20
Benzo(a)anthracene
Concen: 0.00 ng/ul
RT: 23.64 min Scan# 3340
Delta R.T. -0.00 min
Lab File: BE089747.D
Acq: 5 Mar 2015 16:52

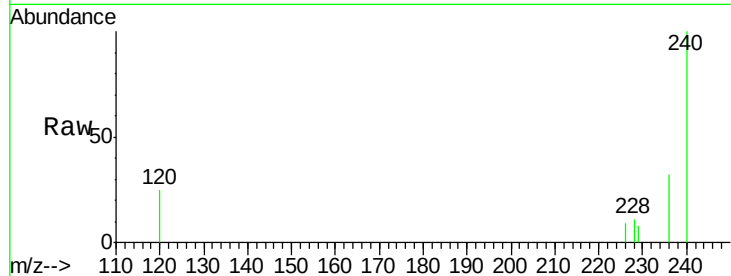
Tgt Ion: 228 Resp: 27
Ion Ratio Lower Upper
228 100
226 83.3 22.8 34.2#
229 83.3 16.2 24.2#



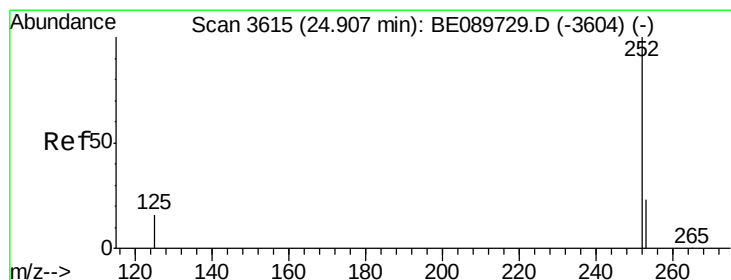
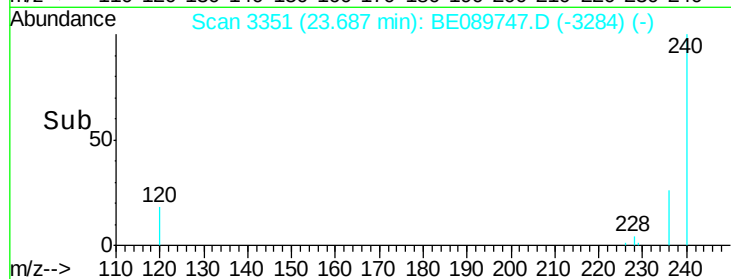
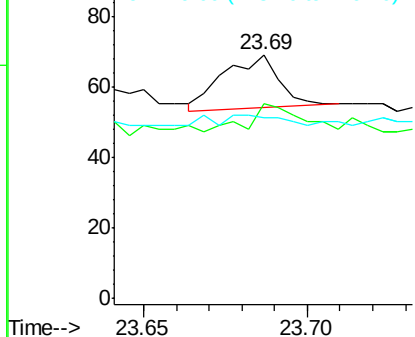


#21
Chrysene
Concen: 0.00 ng/ul
RT: 23.69 min Scan# 3351
Delta R.T. 0.00 min
Lab File: BE089747.D
Acq: 5 Mar 2015 16:52

Tgt Ion: 228 Resp: 18
Ion Ratio Lower Upper
228 100
226 79.7 23.7 35.5#
229 73.9 15.5 23.3#

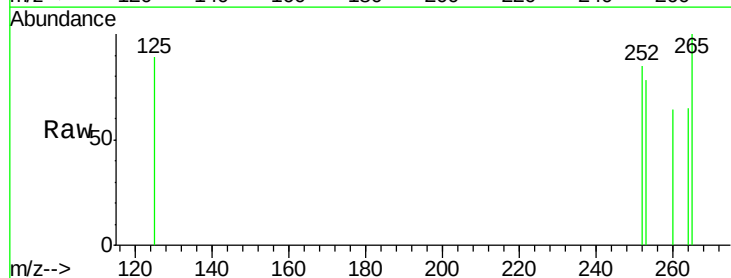


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

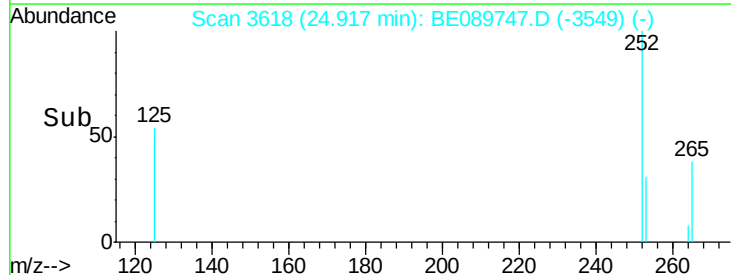
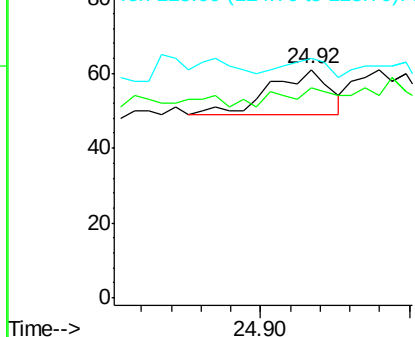


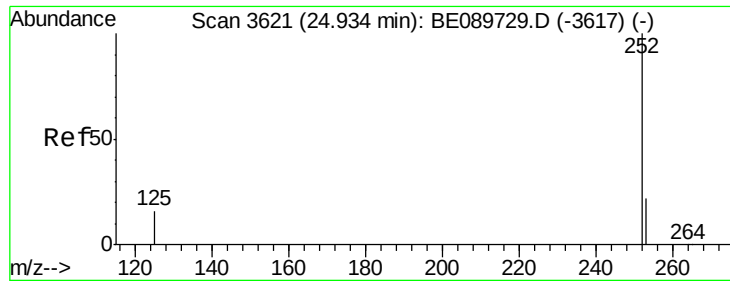
#23
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 24.92 min Scan# 3618
Delta R.T. 0.01 min
Lab File: BE089747.D
Acq: 5 Mar 2015 16:52

Tgt Ion: 252 Resp: 16
Ion Ratio Lower Upper
252 100
253 91.8 0.0 47.0#
125 104.9 0.0 37.8#



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: 0.00 ng/ul

RT: 24.94 min Scan# 3623

Delta R.T. 0.00 min

Lab File: BE089747.D

Acq: 5 Mar 2015 16:52

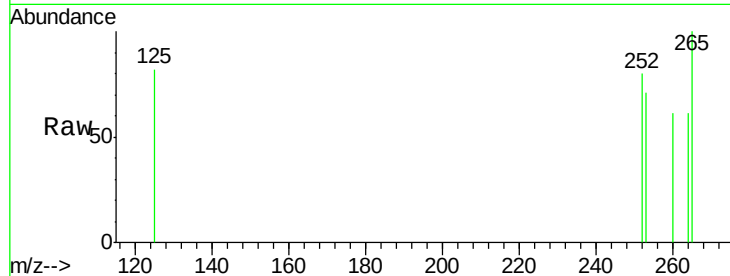
Tgt Ion: 252 Resp: 18

Ion Ratio Lower Upper

252 100

253 88.5 18.2 27.4#

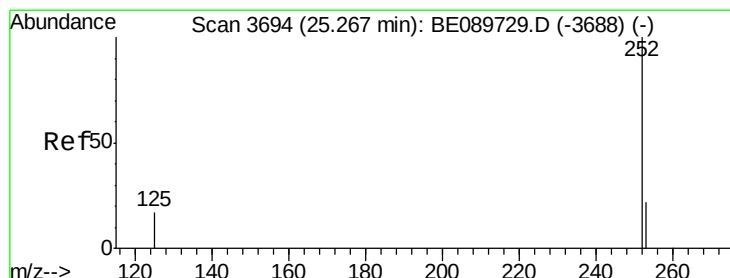
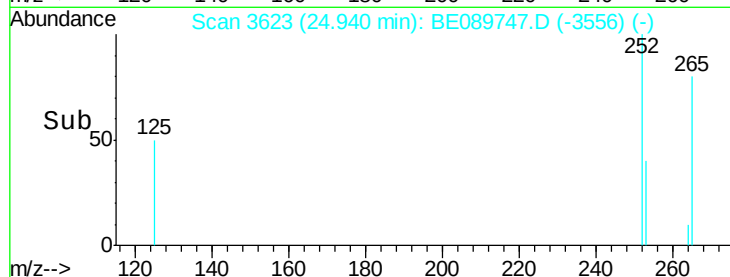
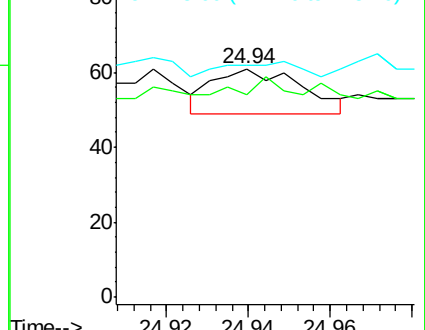
125 101.6 14.6 22.0#



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: 0.00 ng/ul

RT: 25.27 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BE089747.D

Acq: 5 Mar 2015 16:52

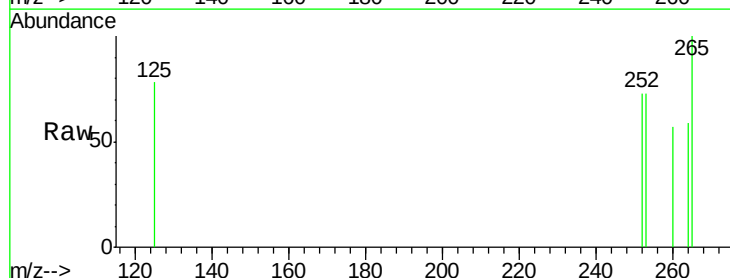
Tgt Ion: 252 Resp: 5

Ion Ratio Lower Upper

252 100

253 100.0 19.8 29.6#

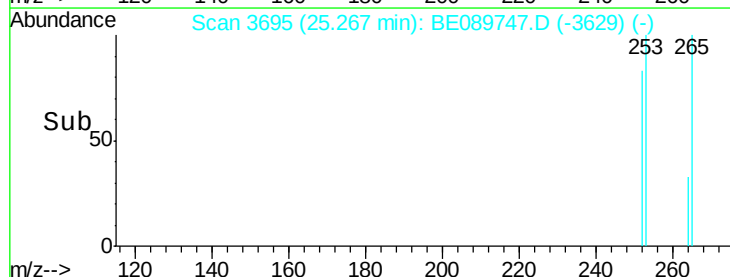
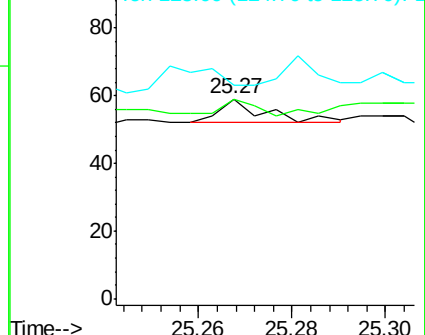
125 106.8 16.0 24.0#

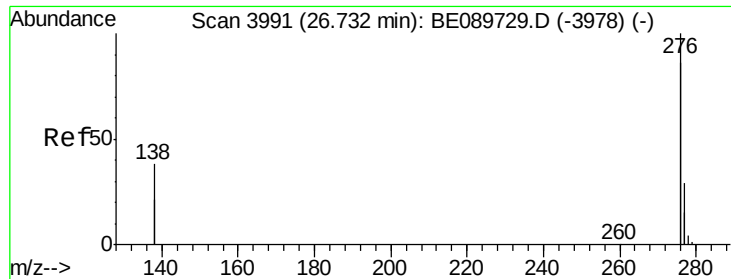


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

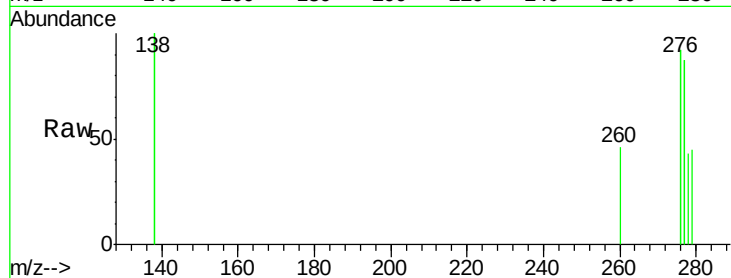
Ion 125.00 (124.70 to 125.70): E



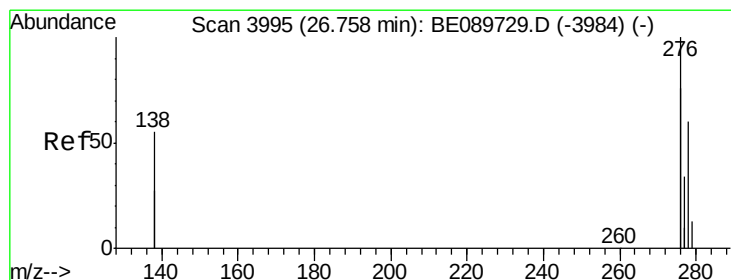
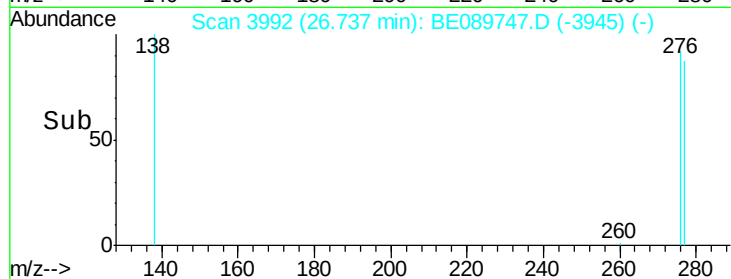
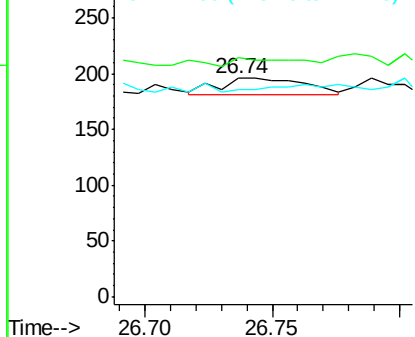


#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng/ul
 RT: 26.74 min Scan# 3992
 Delta R.T. 0.01 min
 Lab File: BE089747.D
 Acq: 5 Mar 2015 16:52

Tgt Ion: 276 Resp: 36
 Ion Ratio Lower Upper
 276 100
 138 36.1 36.8 55.2#
 277 0.0 20.6 31.0#

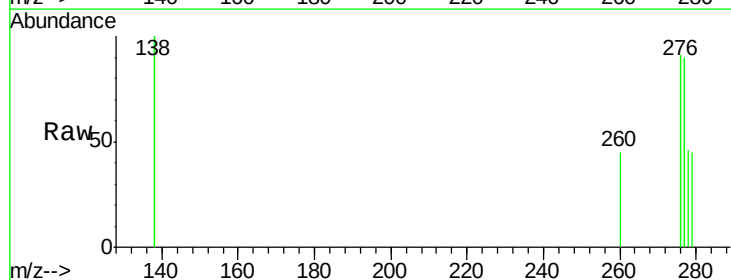


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

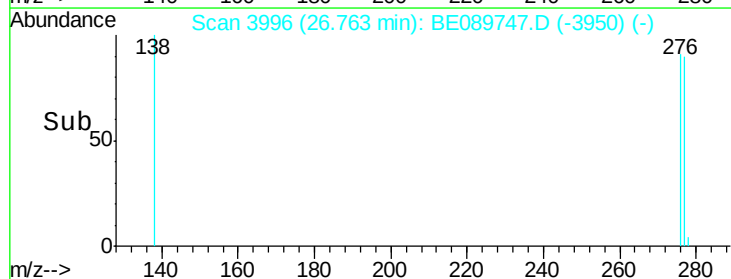
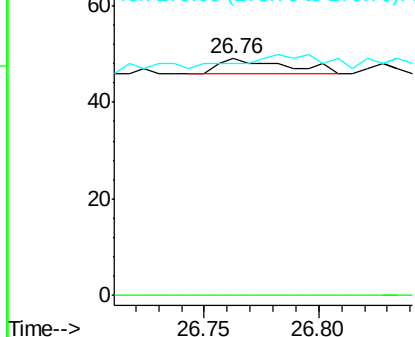


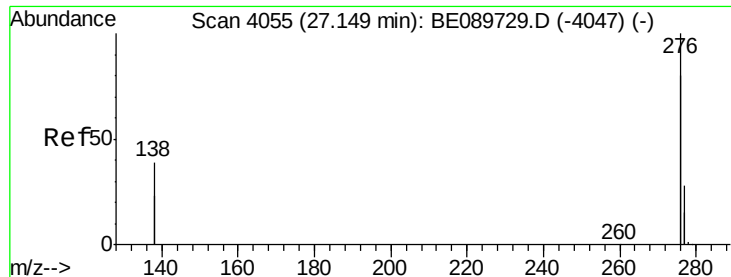
#27
 Dibenzo(a,h)anthracene
 Concen: 0.00 ng/ul
 RT: 26.76 min Scan# 3996
 Delta R.T. 0.00 min
 Lab File: BE089747.D
 Acq: 5 Mar 2015 16:52

Tgt Ion: 278 Resp: 6
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 98.0 25.4 38.2#



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: 0.00 ng/ul

RT: 27.17 min Scan# 4058

Delta R.T. 0.02 min

Lab File: BE089747.D

Acq: 5 Mar 2015 16:52

Tgt Ion: 276 Resp: 37

Ion Ratio Lower Upper

276 100

277 97.0 21.4 32.2#

138 108.0 31.4 47.0#

