

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030415\
 Data File : BE089735.D
 Acq On : 4 Mar 2015 23:15
 Operator : TP/JJ
 Sample : MDL-05-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 00:55:01 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	4006	0.40	ng/ul	0.00
4) Naphthalene-d8	12.24	136	16917	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	7199	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	12270	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	4567	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	1980	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	2.64	96	11613	2.21	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.87	152	3	0.00	ng/ul	0.00
16) Fluoranthene-d10	21.69	212	5	0.00	ng/ul	0.00

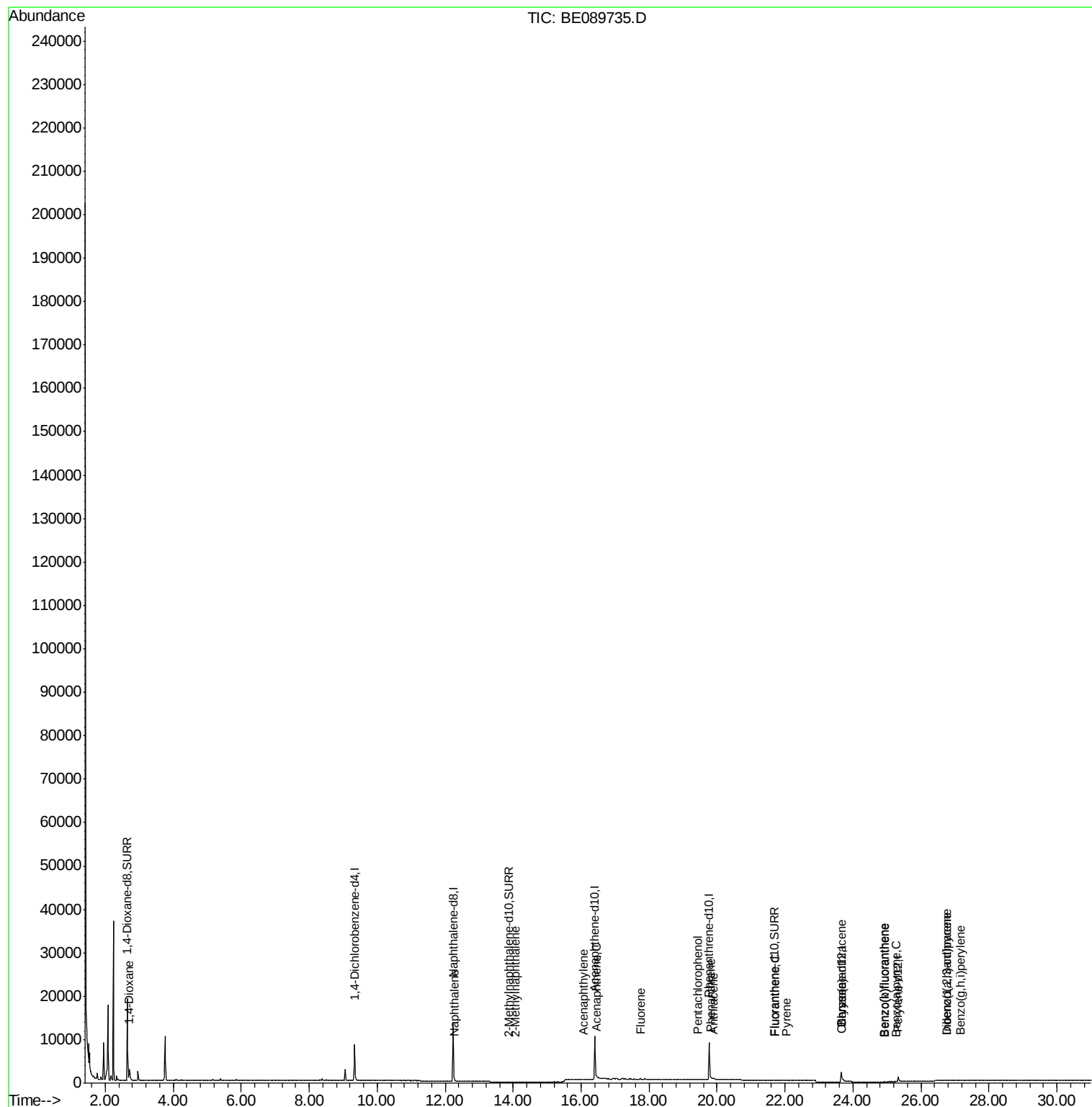
Target Compounds

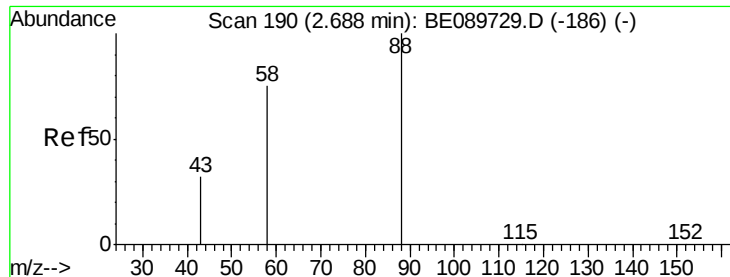
					Qvalue
3) 1,4-Dioxane	2.71	88	2134	0.35	ng/ul# 82
5) Naphthalene	12.28	128	23	0.00	ng/ul# 1
7) 2-Methylnaphthalene	14.05	142	2	0.00	ng/ul 83
9) Acenaphthylene	16.08	152	86	0.00	ng/ul# 1
10) Acenaphthene	16.46	153	317	0.00	ng/ul# 35
11) Fluorene	17.74	166	50	0.00	ng/ul# 51
13) Pentachlorophenol	19.43	266	6	0.01	ng/ul# 71
14) Phenanthrene	19.81	178	151	0.00	ng/ul# 1
15) Anthracene	19.90	178	63	0.00	ng/ul# 1
17) Fluoranthene	21.72	202	50	0.00	ng/ul# 1
19) Pyrene	22.04	202	49	0.00	ng/ul# 1
20) Benzo(a)anthracene	23.65	228	12	0.00	ng/ul# 1
21) Chrysene	23.68	228	7	0.00	ng/ul# 1
23) Benzo(b)fluoranthene	24.91	252	8	0.00	ng/ul# 1
24) Benzo(k)fluoranthene	24.93	252	2	0.00	ng/ul# 1
25) Benzo(a)pyrene	25.27	252	1	0.00	ng/ul# 1
26) Indeno(1,2,3-cd)pyrene	26.75	276	28	0.00	ng/ul# 54
27) Dibenzo(a,h)anthracene	26.76	278	2	0.00	ng/ul# 1
28) Benzo(g,h,i)perylene	27.16	276	29	0.00	ng/ul# 1

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

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Quant Time: Mar 05 00:55:01 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.35 ng/ul

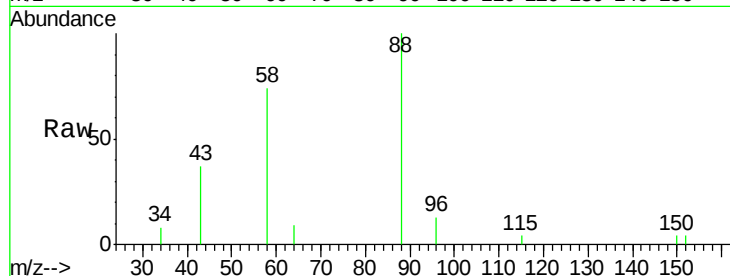
RT: 2.71 min Scan# 193

Delta R.T. 0.02 min

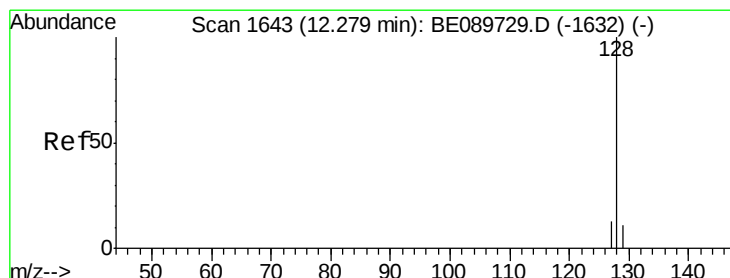
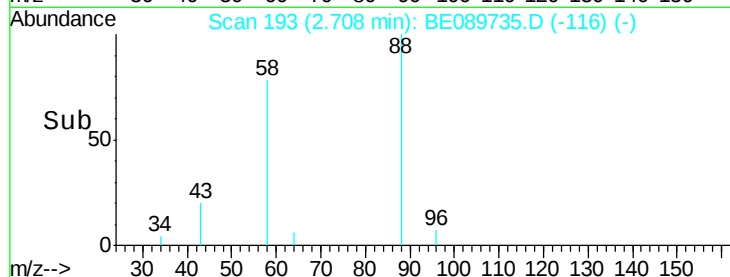
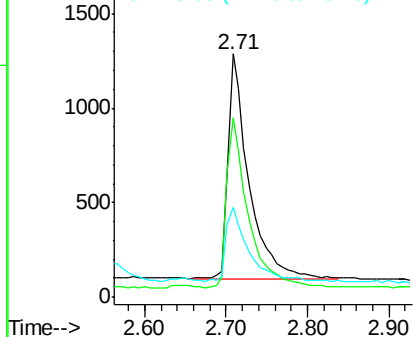
Lab File: BE089735.D

Acq: 4 Mar 2015 23:15

Tgt Ion:	88	Resp:	2134
Ion	Ratio	Lower	Upper
88	100		
58	77.1	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

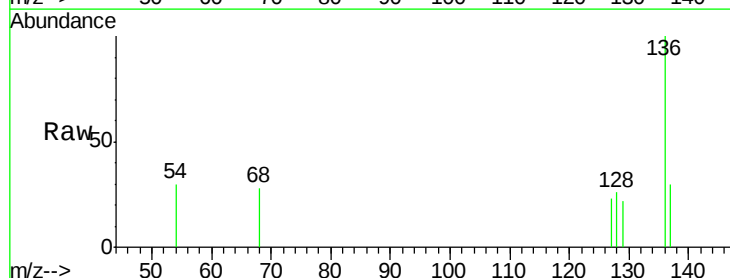
RT: 12.28 min Scan# 1643

Delta R.T. -0.00 min

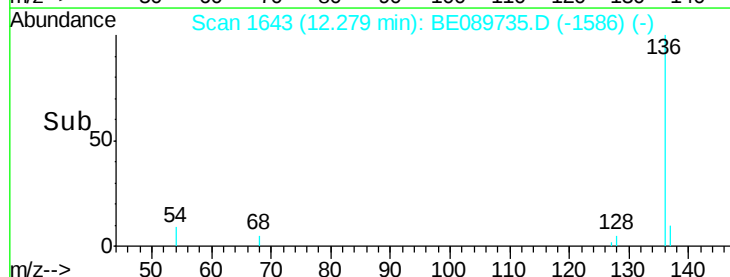
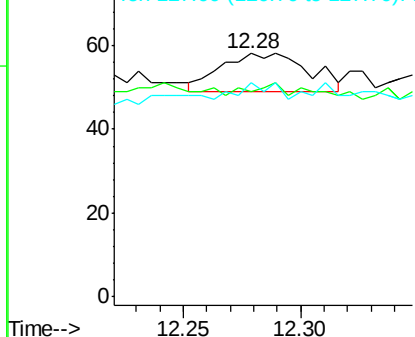
Lab File: BE089735.D

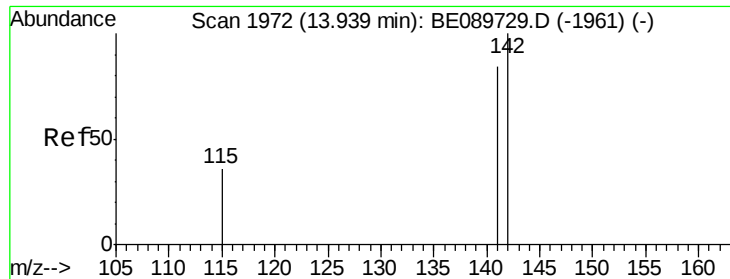
Acq: 4 Mar 2015 23:15

Tgt Ion:	128	Resp:	23
Ion	Ratio	Lower	Upper
128	100		
129	84.5	9.0	13.6#
127	87.9	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: 14.05 min Scan# 1998

Delta R.T. 0.11 min

Lab File: BE089735.D

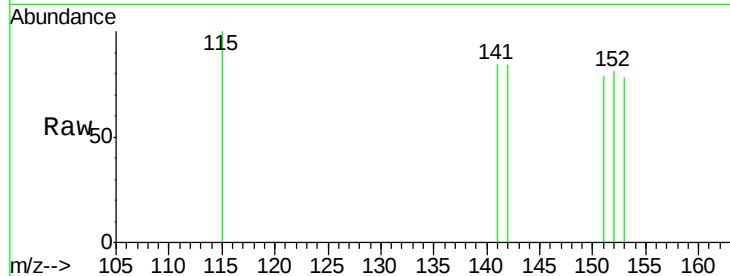
Acq: 4 Mar 2015 23:15

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

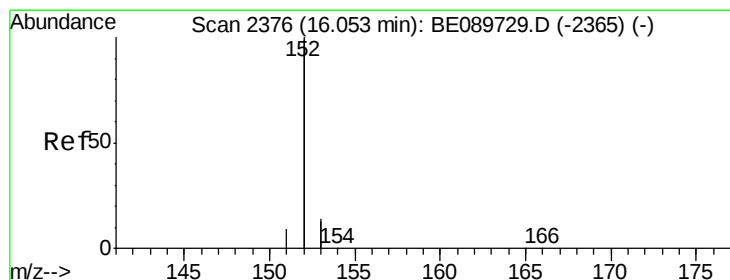
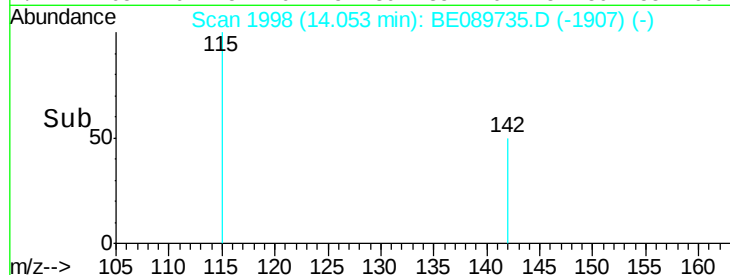
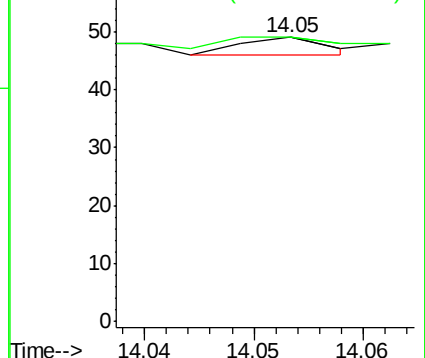
142 100

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



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 16.08 min Scan# 2379

Delta R.T. 0.03 min

Lab File: BE089735.D

Acq: 4 Mar 2015 23:15

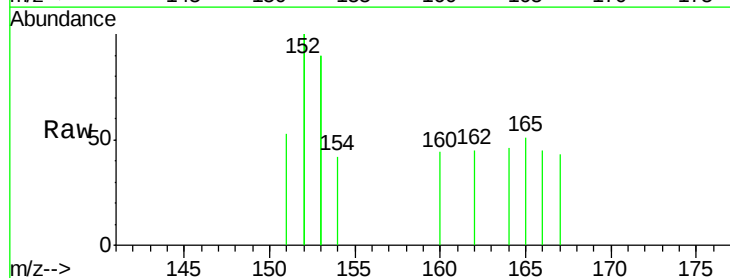
Tgt Ion:152 Resp: 86

Ion Ratio Lower Upper

152 100

151 26.5 3.8 5.8#

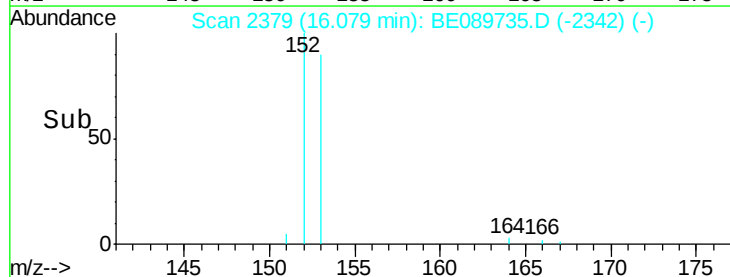
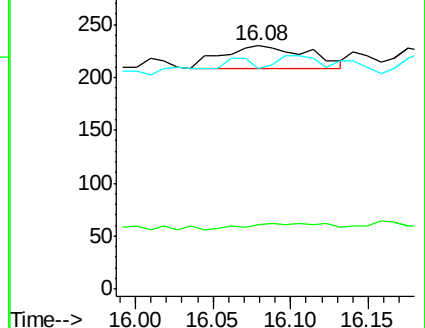
153 90.4 11.4 17.0#

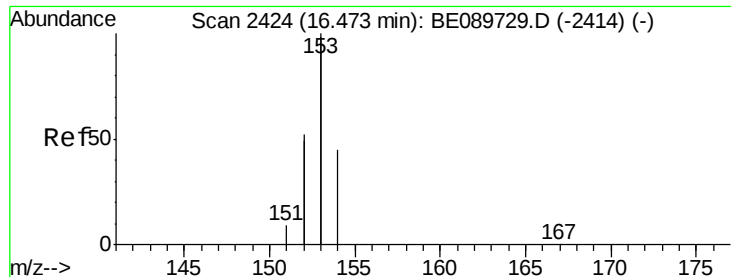


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 16.46 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BE089735.D

Acq: 4 Mar 2015 23:15

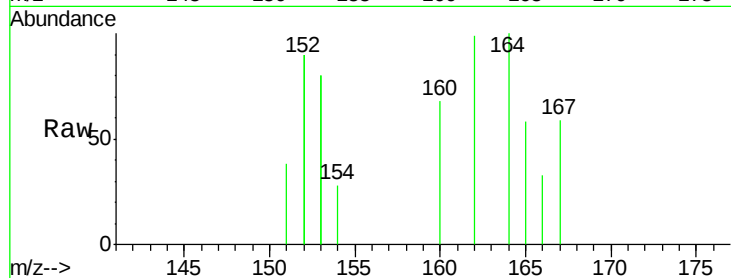
Tgt Ion:153 Resp: 317

Ion Ratio Lower Upper

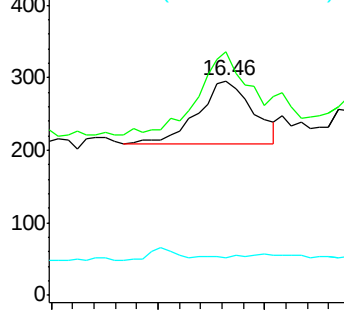
153 100

152 113.5 41.2 61.8#

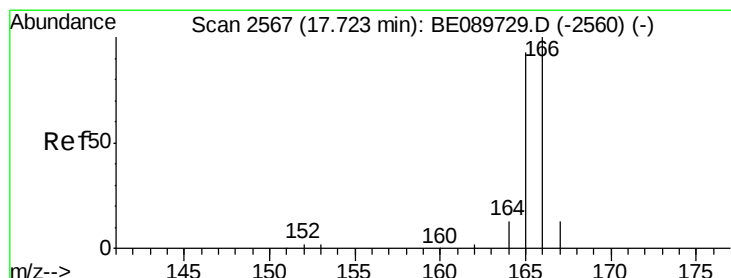
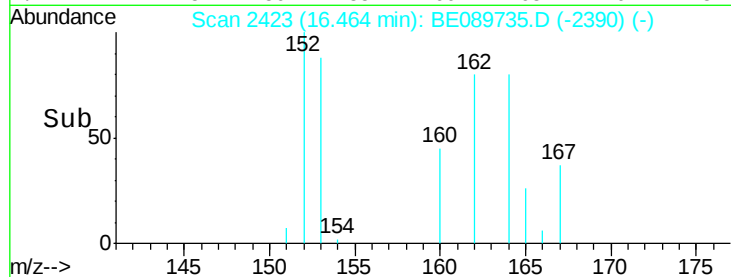
154 17.6 18.2 27.2#



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--> 16.30 16.40 16.50



#11

Fluorene

Concen: 0.00 ng/ul

RT: 17.74 min Scan# 2569

Delta R.T. 0.02 min

Lab File: BE089735.D

Acq: 4 Mar 2015 23:15

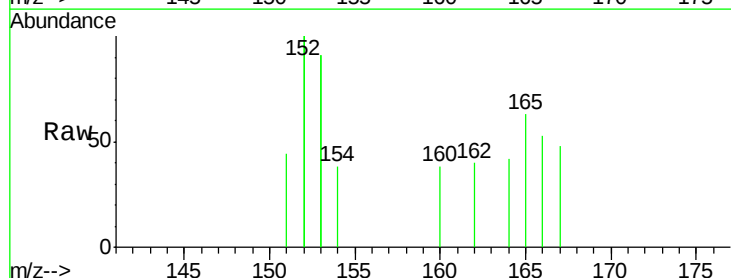
Tgt Ion:166 Resp: 50

Ion Ratio Lower Upper

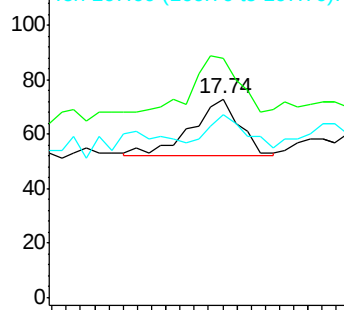
166 100

165 120.5 74.9 112.3#

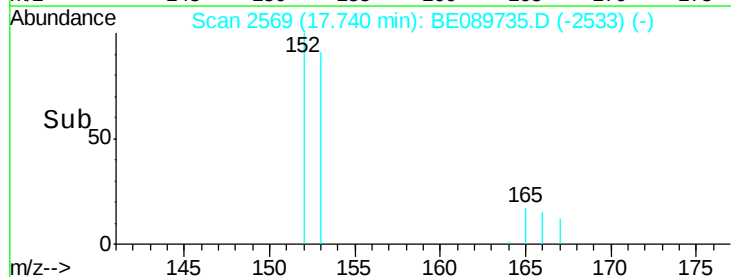
167 91.8 11.5 17.3#

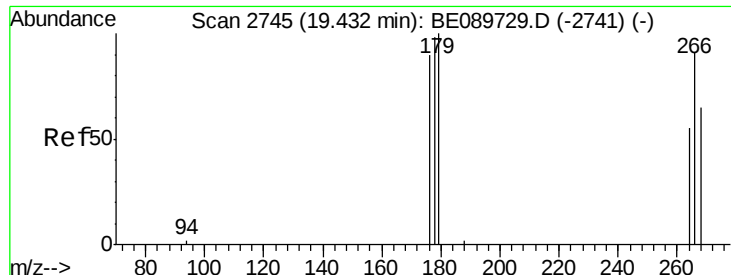


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



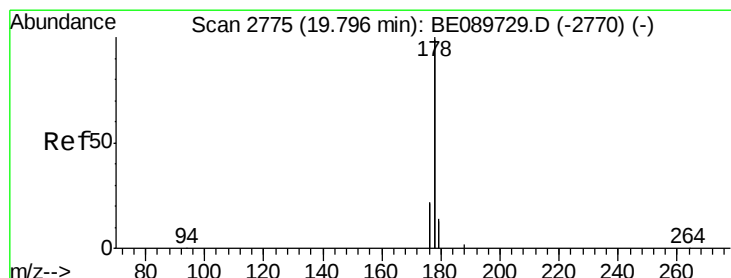
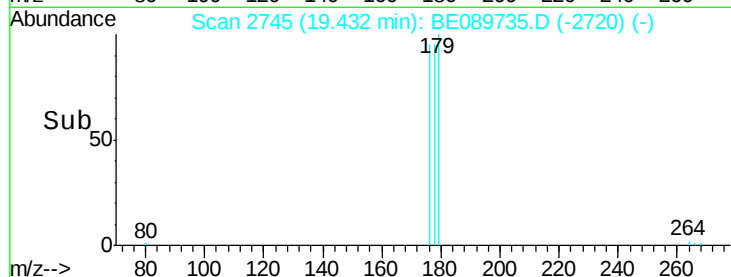
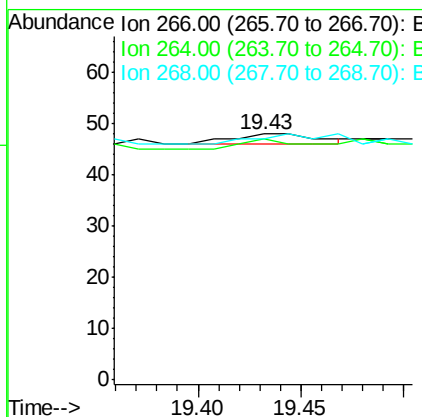
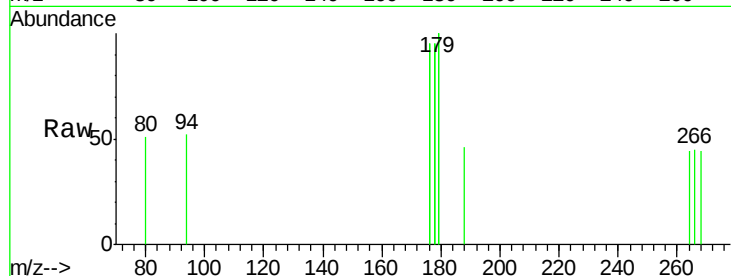
Time--> 17.65 17.70 17.75 17.80





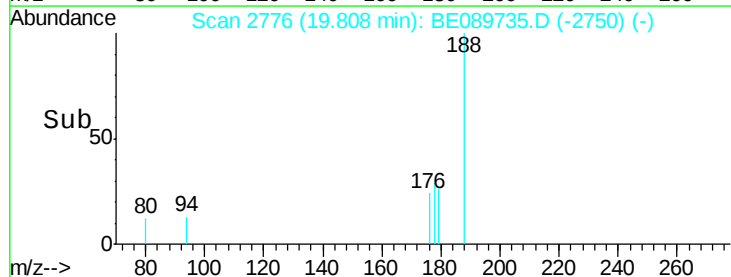
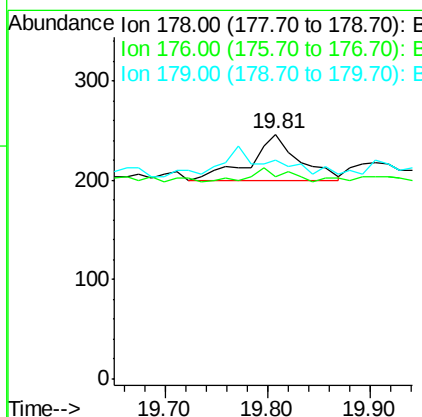
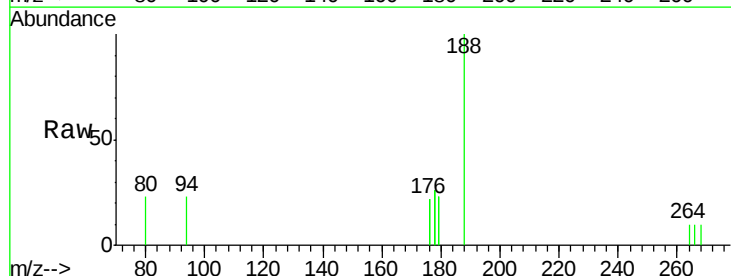
#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 19.43 min Scan# 2745
 Delta R.T. 0.00 min
 Lab File: BE089735.D
 Acq: 4 Mar 2015 23:15

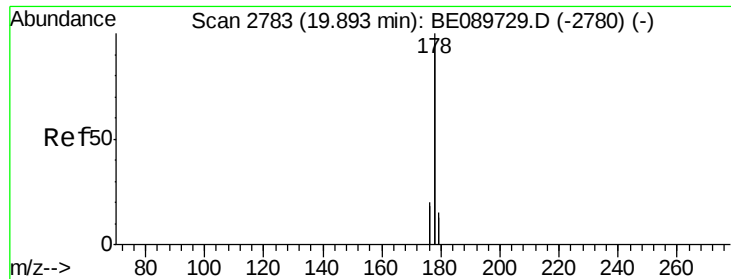
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 66.7 49.4 74.2
 268 100.0 47.9 71.9#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 19.81 min Scan# 2776
 Delta R.T. 0.01 min
 Lab File: BE089735.D
 Acq: 4 Mar 2015 23:15

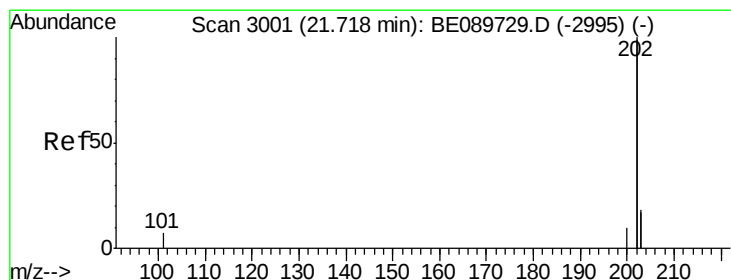
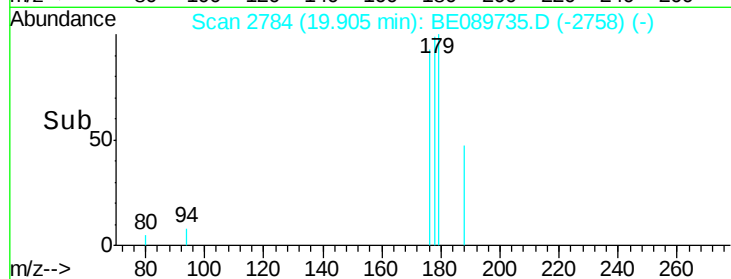
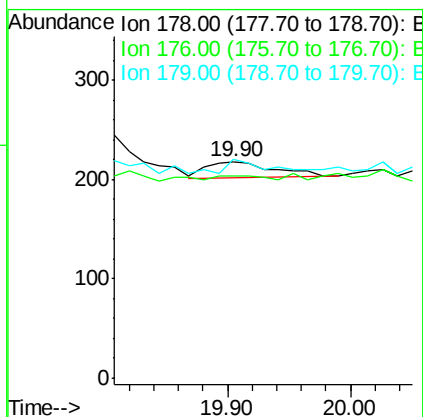
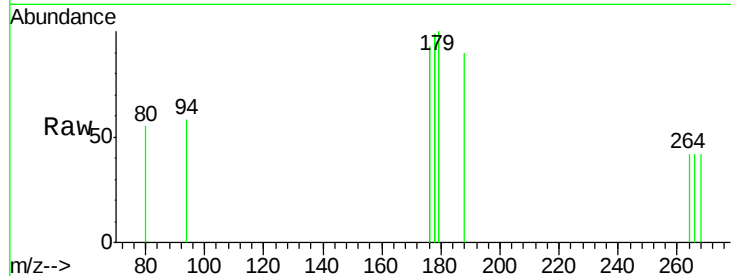
Tgt Ion: 178 Resp: 151
 Ion Ratio Lower Upper
 178 100
 176 82.9 17.6 26.4#
 179 89.4 11.6 17.4#





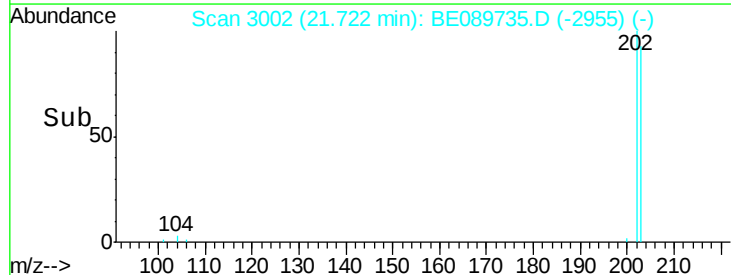
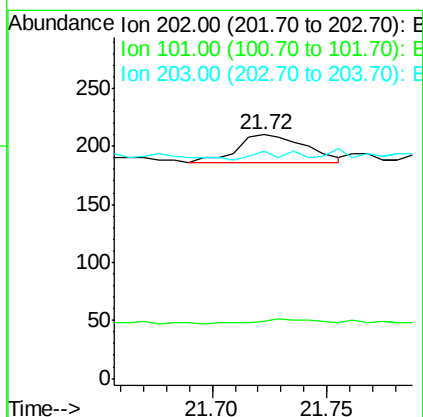
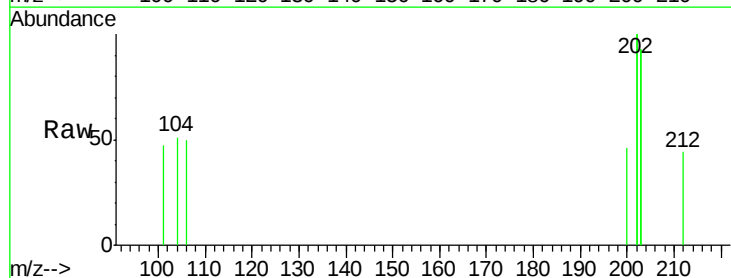
#15
 Anthracene
 Concen: 0.00 ng/ul
 RT: 19.90 min Scan# 2784
 Delta R.T. 0.01 min
 Lab File: BE089735.D
 Acq: 4 Mar 2015 23:15

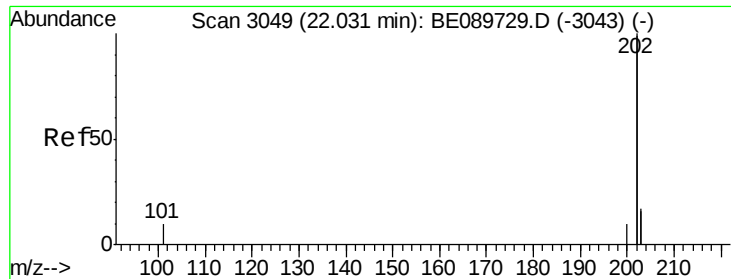
Tgt Ion:178 Resp: 63
 Ion Ratio Lower Upper
 178 100
 176 93.6 15.8 23.6#
 179 100.9 12.0 18.0#



#17
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 21.72 min Scan# 3002
 Delta R.T. 0.00 min
 Lab File: BE089735.D
 Acq: 4 Mar 2015 23:15

Tgt Ion:202 Resp: 50
 Ion Ratio Lower Upper
 202 100
 101 23.3 0.0 24.2
 203 93.3 0.0 37.0#





#19

Pyrene

Concen: 0.00 ng/ul

RT: 22.04 min Scan# 3050

Delta R.T. 0.00 min

Lab File: BE089735.D

Acq: 4 Mar 2015 23:15

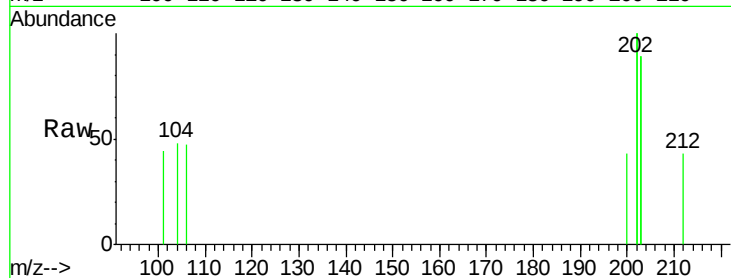
Tgt Ion: 202 Resp: 49

Ion Ratio Lower Upper

202 100

200 21.4 4.4 6.6#

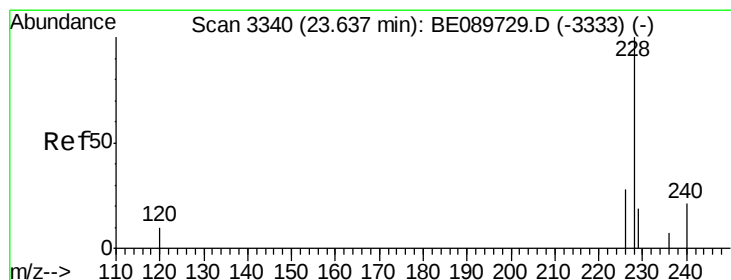
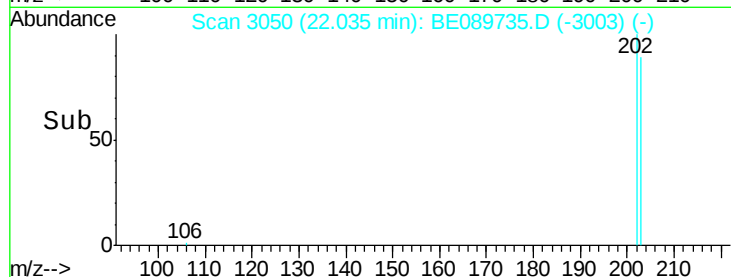
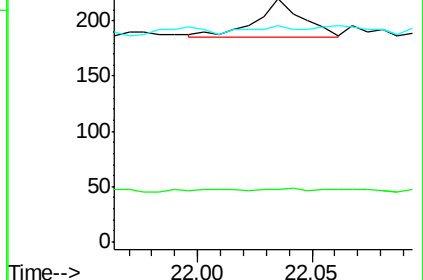
203 89.1 13.6 20.4#



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: 0.00 ng/ul

RT: 23.65 min Scan# 3343

Delta R.T. 0.01 min

Lab File: BE089735.D

Acq: 4 Mar 2015 23:15

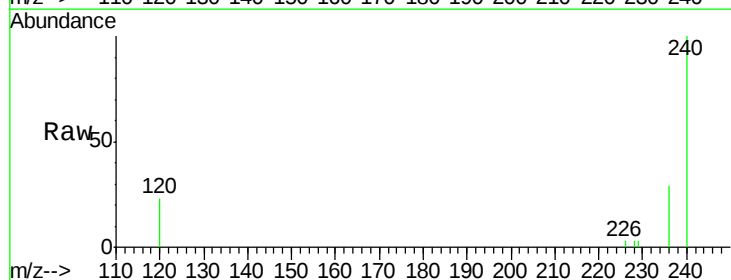
Tgt Ion: 228 Resp: 12

Ion Ratio Lower Upper

228 100

226 83.6 22.8 34.2#

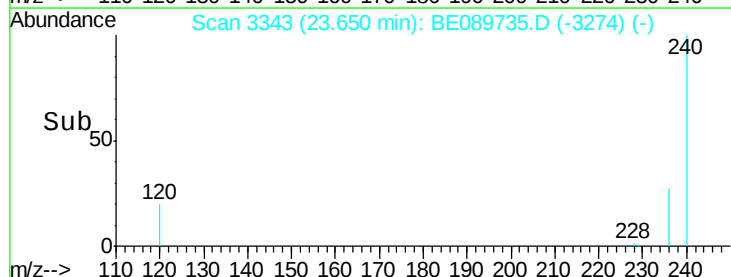
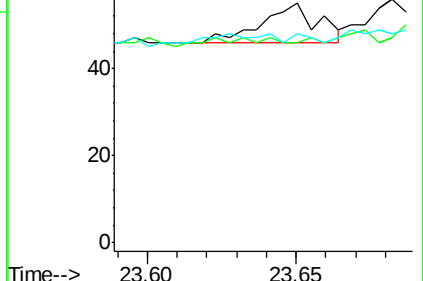
229 87.3 16.2 24.2#

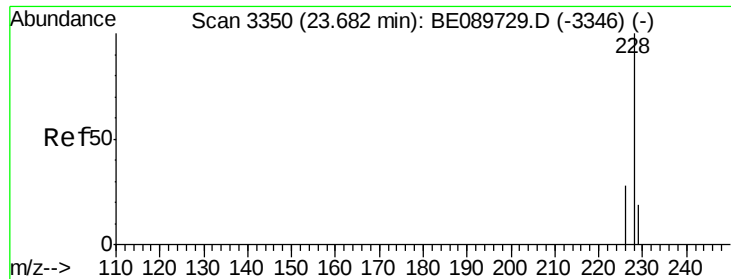


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.00 ng/ul

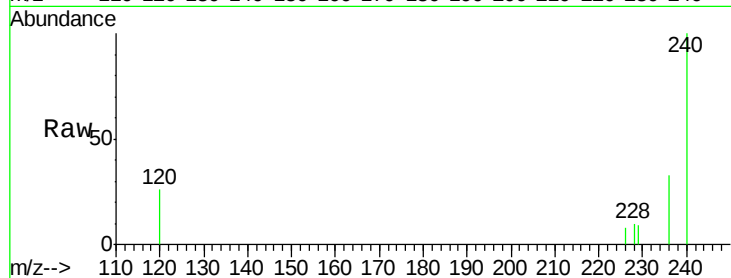
RT: 23.68 min Scan# 3350

Delta R.T. 0.00 min

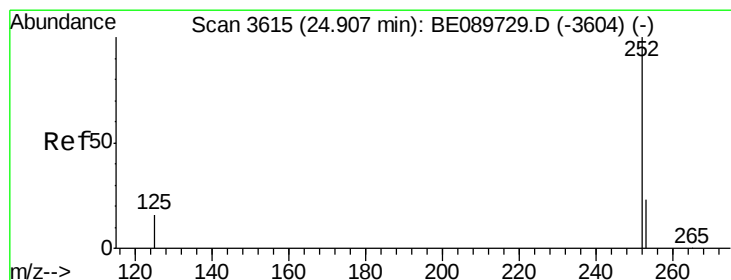
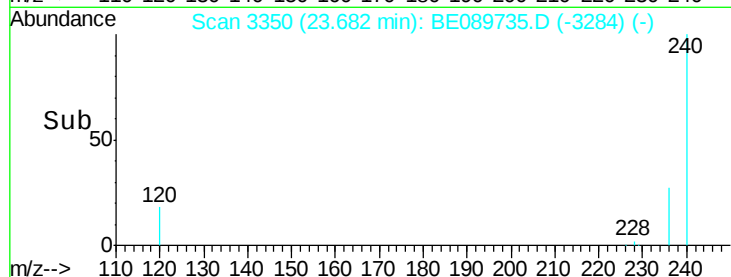
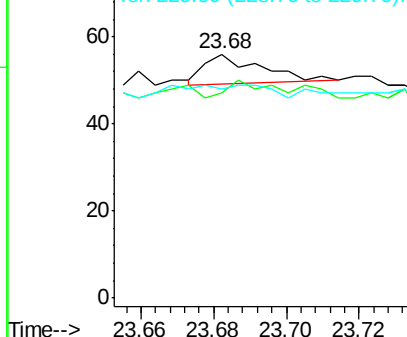
Lab File: BE089735.D

Acq: 4 Mar 2015 23:15

Tgt Ion:	228	Resp:	7
Ion	Ratio	Lower	Upper
228	100		
226	83.9	23.7	35.5#
229	85.7	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: 0.00 ng/ul

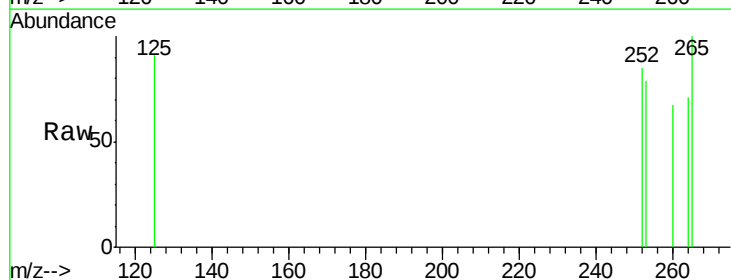
RT: 24.91 min Scan# 3616

Delta R.T. 0.00 min

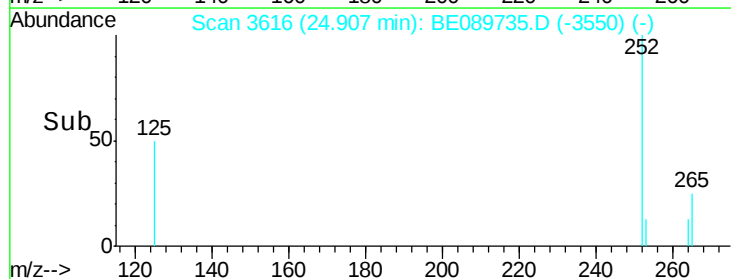
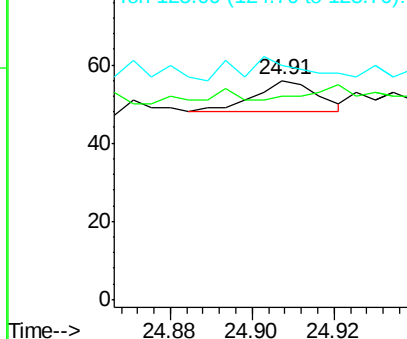
Lab File: BE089735.D

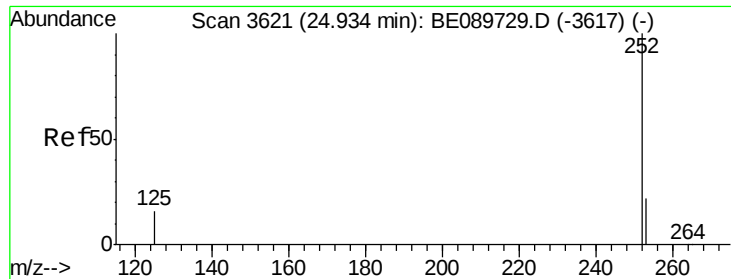
Acq: 4 Mar 2015 23:15

Tgt Ion:	252	Resp:	8
Ion	Ratio	Lower	Upper
252	100		
253	92.9	0.0	47.0#
125	107.1	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

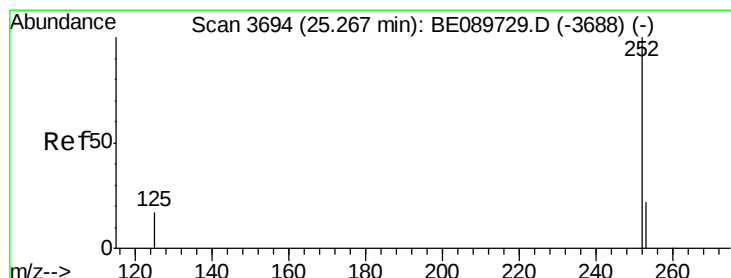
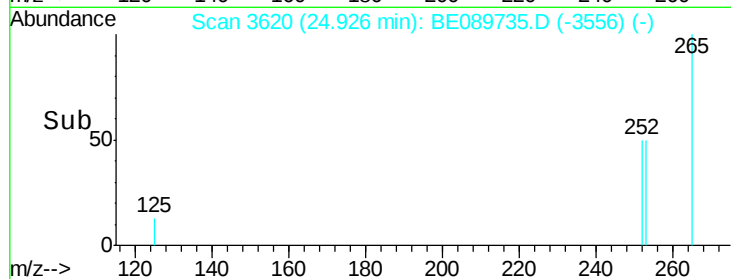
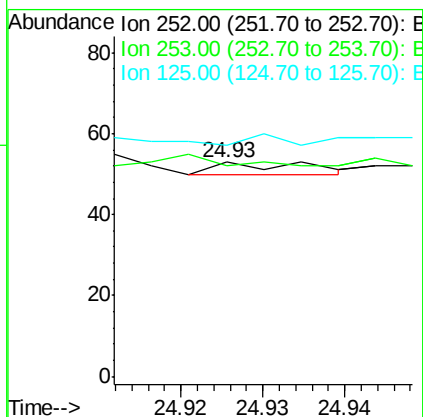
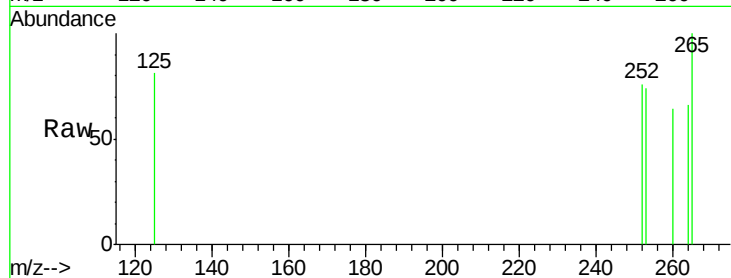
RT: 24.93 min Scan# 3620

Delta R.T. -0.01 min

Lab File: BE089735.D

Acq: 4 Mar 2015 23:15

Tgt Ion:	252	Resp:	2
Ion	Ratio	Lower	Upper
252	100		
253	98.1	18.2	27.4#
125	107.5	14.6	22.0#



#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

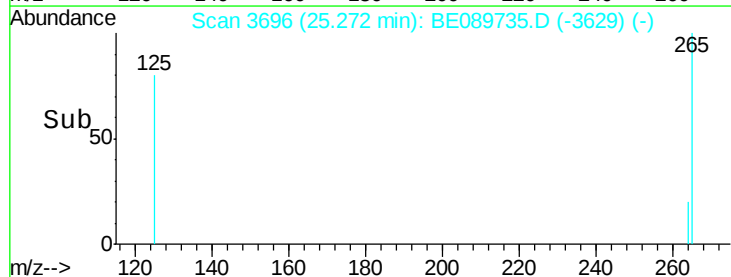
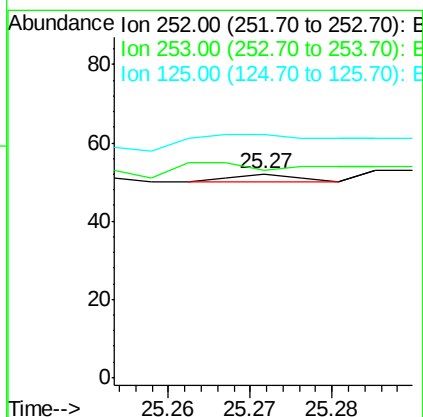
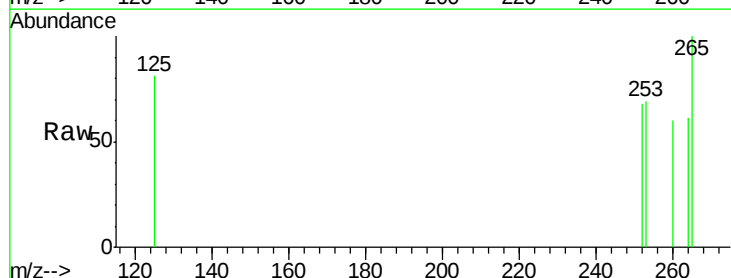
RT: 25.27 min Scan# 3696

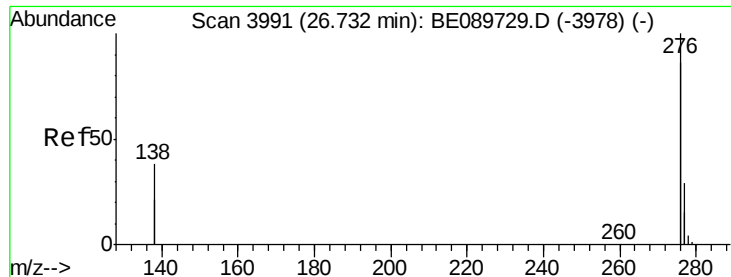
Delta R.T. 0.00 min

Lab File: BE089735.D

Acq: 4 Mar 2015 23:15

Tgt Ion:	252	Resp:	1
Ion	Ratio	Lower	Upper
252	100		
253	101.9	19.8	29.6#
125	119.2	16.0	24.0#

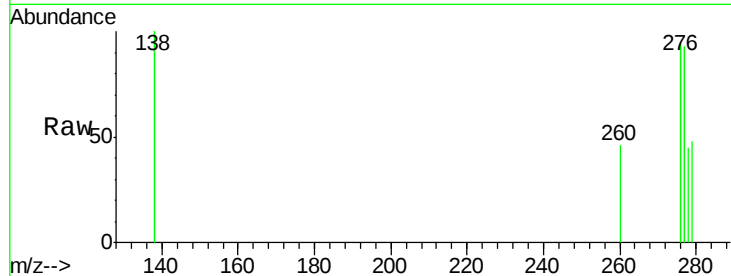




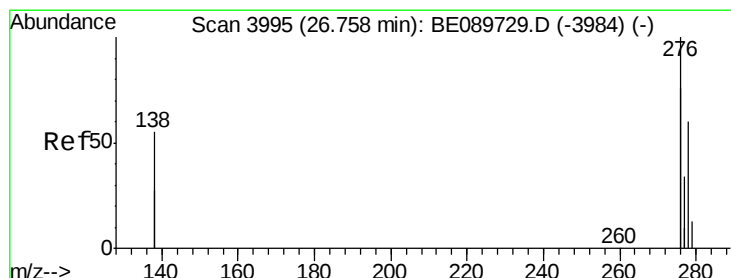
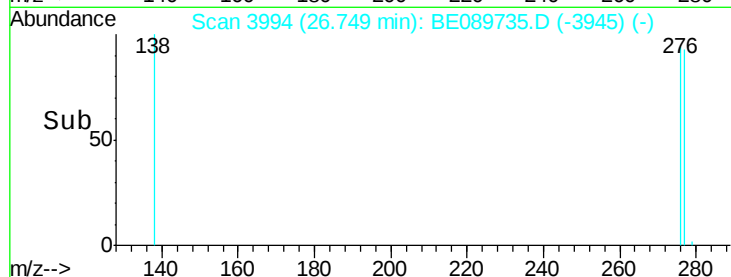
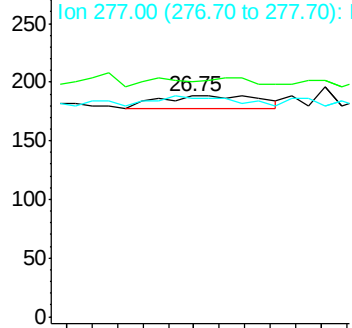
#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 26.75 min Scan# 3994
Delta R.T. 0.02 min
Lab File: BE089735.D
Acq: 4 Mar 2015 23:15

Tgt Ion: 276 Resp: 28
Ion Ratio Lower Upper
276 100
138 21.4 36.8 55.2#
277 57.1 20.6 31.0#



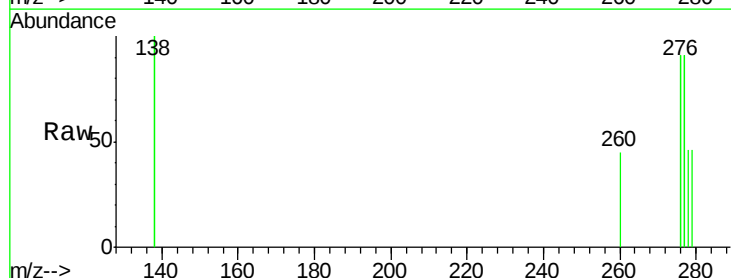
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



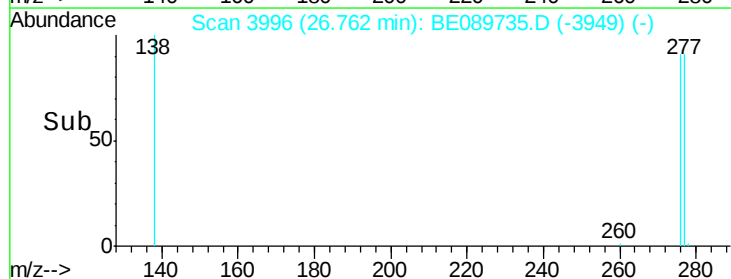
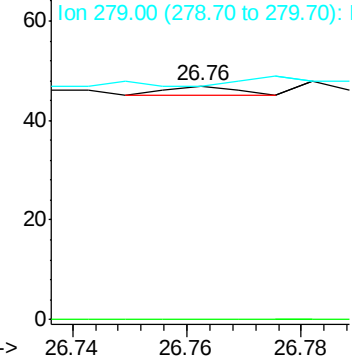
#27

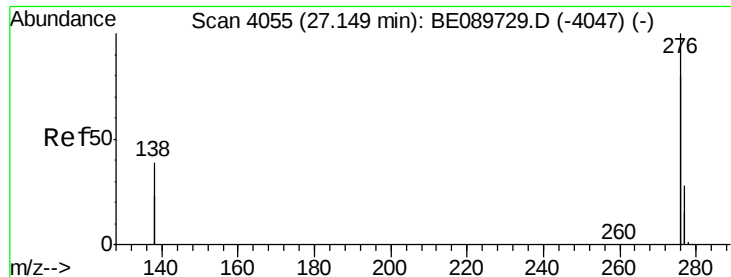
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 26.76 min Scan# 3996
Delta R.T. 0.00 min
Lab File: BE089735.D
Acq: 4 Mar 2015 23:15

Tgt Ion: 278 Resp: 2
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 100.0 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: 27.16 min Scan# 4057

Delta R.T. 0.01 min

Lab File: BE089735.D

Acq: 4 Mar 2015 23:15

Tgt Ion: 276 Resp: 29

Ion Ratio Lower Upper

276 100

277 94.8 21.4 32.2#

138 106.2 31.4 47.0#

