

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030415\
 Data File : BE089734.D
 Acq On : 4 Mar 2015 22:34
 Operator : TP/JJ
 Sample : MDL-04-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 05 00:24:22 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	3754	0.40	ng/ul	0.00
4) Naphthalene-d8	12.23	136	15284	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	6447	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	11469	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	4741	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	2015	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	2.63	96	9261	1.88	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.85	152	2	0.00	ng/ul	-0.01
16) Fluoranthene-d10	21.70	212	5	0.00	ng/ul	0.00

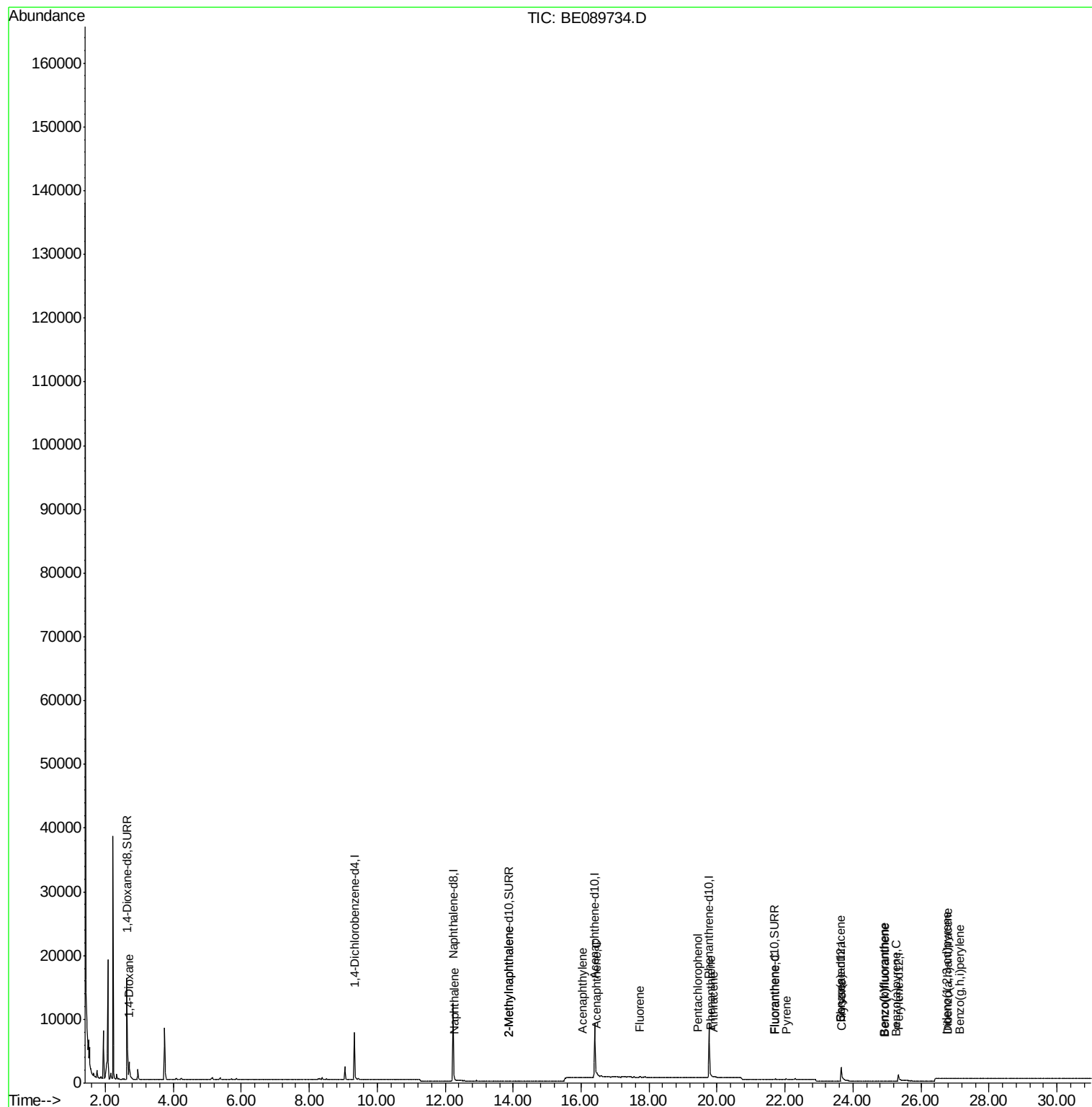
Target Compounds

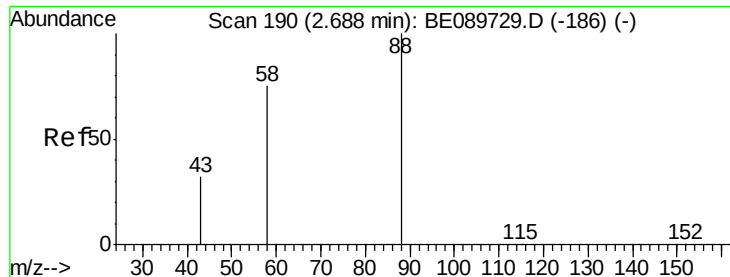
						Qvalue
3) 1,4-Dioxane	2.70	88	2182	0.38	ng/ul#	82
5) Naphthalene	12.27	128	20	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.87	142	2	0.00	ng/ul	83
9) Acenaphthylene	16.05	152	26	0.00	ng/ul#	1
10) Acenaphthene	16.47	153	262	0.00	ng/ul#	33
11) Fluorene	17.74	166	42	0.00	ng/ul#	47
13) Pentachlorophenol	19.45	266	8	0.02	ng/ul#	65
14) Phenanthrene	19.81	178	147	0.00	ng/ul#	1
15) Anthracene	19.91	178	45	0.00	ng/ul#	1
17) Fluoranthene	21.72	202	70	0.00	ng/ul#	1
19) Pyrene	22.04	202	70	0.00	ng/ul#	1
20) Benzo(a)anthracene	23.64	228	13	0.00	ng/ul#	1
21) Chrysene	23.68	228	14	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	24.92	252	9	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	24.93	252	1	0.00	ng/ul#	1
25) Benzo(a)pyrene	25.27	252	2	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	26.75	276	27	0.00	ng/ul#	60
27) Dibenzo(a,h)anthracene	26.78	278	6	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	27.15	276	7	0.00	ng/ul#	1

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

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ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 05 00:24:22 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: 0.38 ng/ul

RT: 2.70 min Scan# 192

Delta R.T. 0.01 min

Lab File: BE089734.D

Acq: 4 Mar 2015 22:34

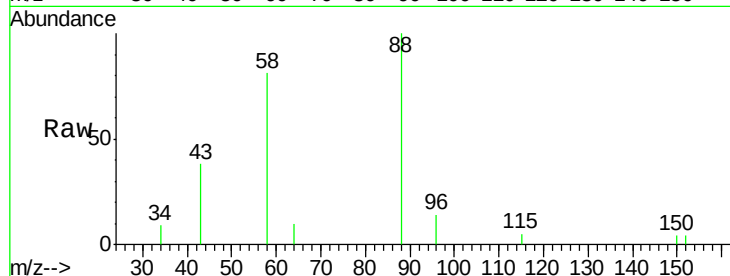
Tgt Ion: 88 Resp: 2182

Ion Ratio Lower Upper

88 100

58 77.5 61.3 91.9

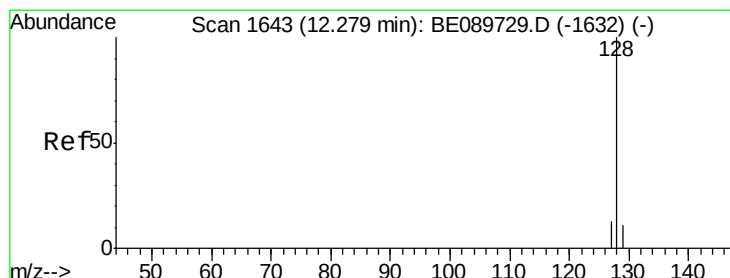
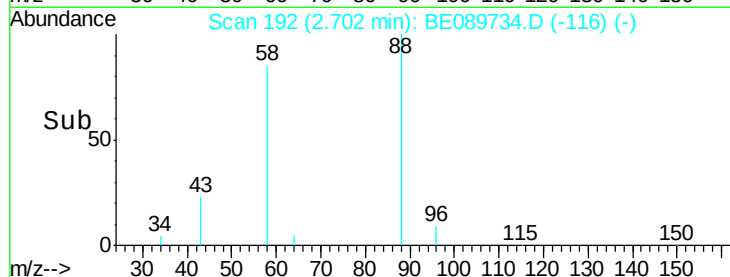
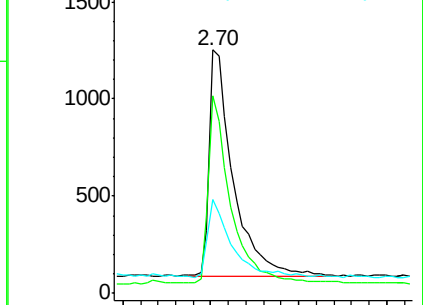
43 0.0 26.1 39.1#



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: BE089734.D

Acq: 4 Mar 2015 22:34

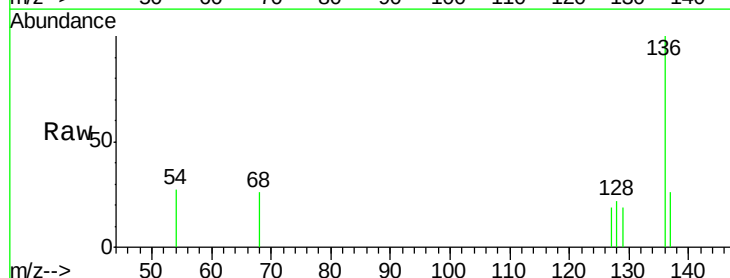
Tgt Ion: 128 Resp: 20

Ion Ratio Lower Upper

128 100

129 84.7 9.0 13.6#

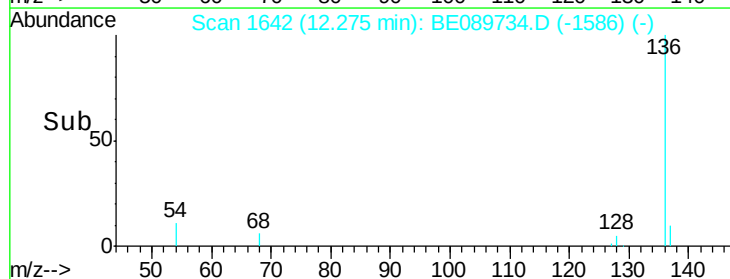
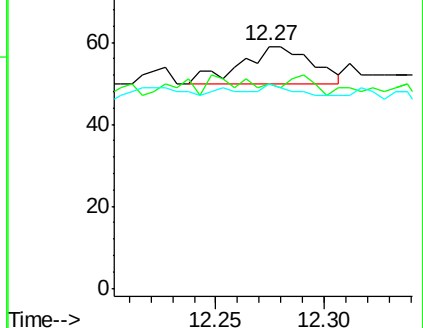
127 84.7 10.2 15.4#

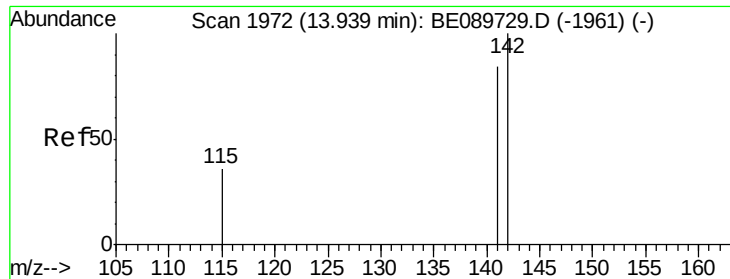


Abundance Ion 128.00 (127.70 to 128.70): E

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: 13.87 min Scan# 1957

Delta R.T. -0.07 min

Lab File: BE089734.D

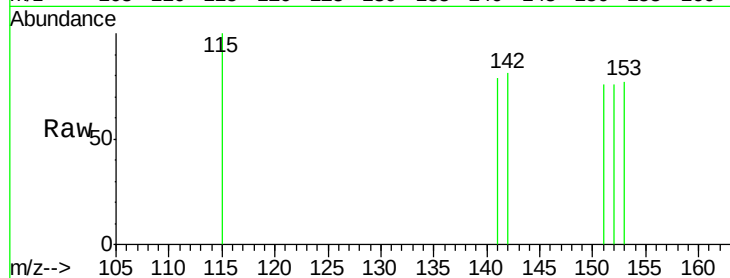
Acq: 4 Mar 2015 22:34

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 100.0 67.4 101.0



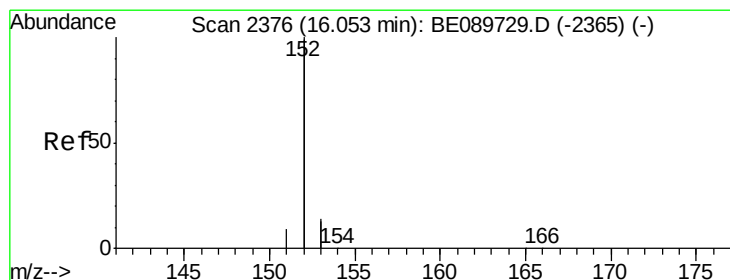
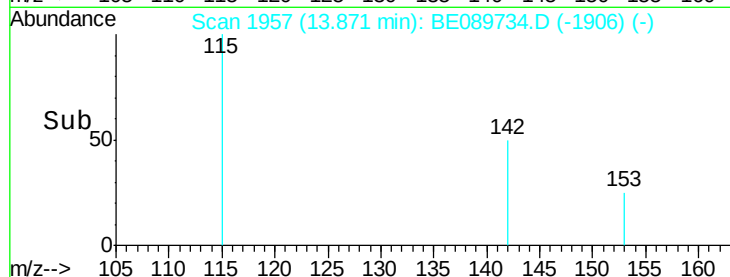
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

13.87

13.88

Time-->



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 16.05 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BE089734.D

Acq: 4 Mar 2015 22:34

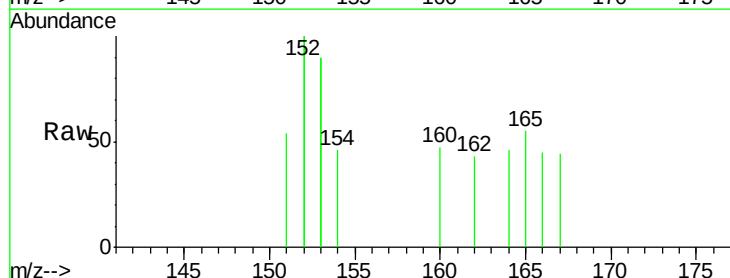
Tgt Ion:152 Resp: 26

Ion Ratio Lower Upper

152 100

151 27.2 3.8 5.8#

153 90.4 11.4 17.0#



Abundance Ion 152.00 (151.70 to 152.70): E

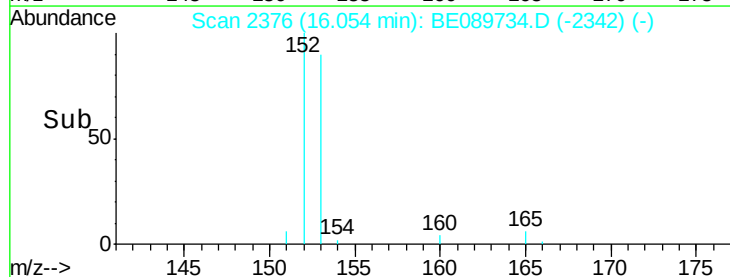
Ion 151.00 (150.70 to 151.70): E

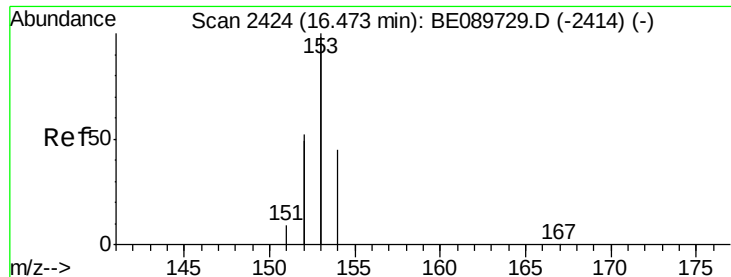
Ion 153.00 (152.70 to 153.70): E

16.05

16.08

Time-->





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 16.47 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BE089734.D

Acq: 4 Mar 2015 22:34

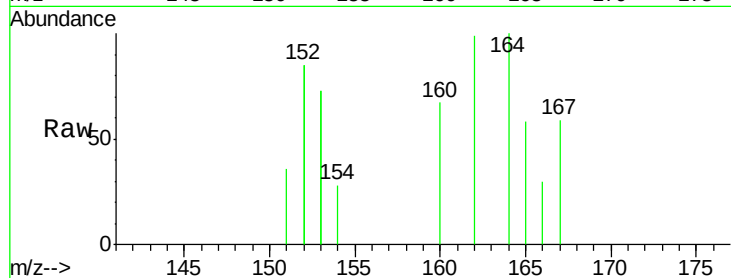
Tgt Ion:153 Resp: 262

Ion Ratio Lower Upper

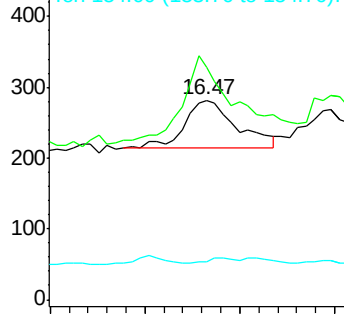
153 100

152 116.3 41.2 61.8#

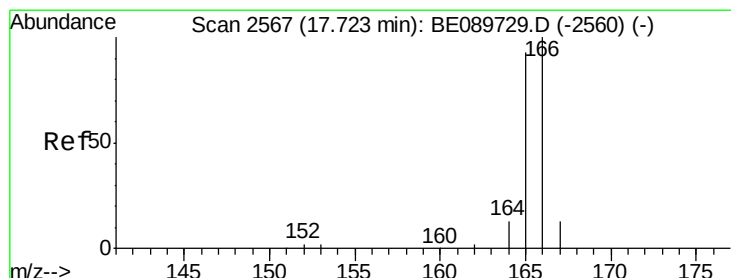
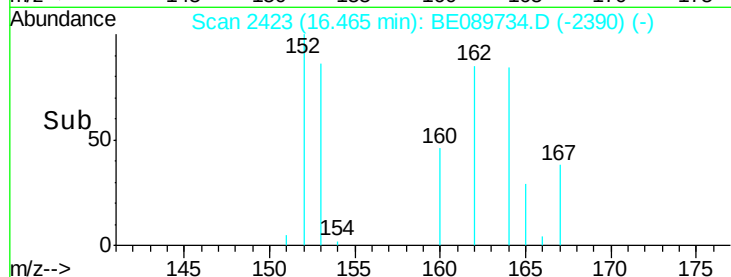
154 19.1 18.2 27.2



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: BE089734.D

Acq: 4 Mar 2015 22:34

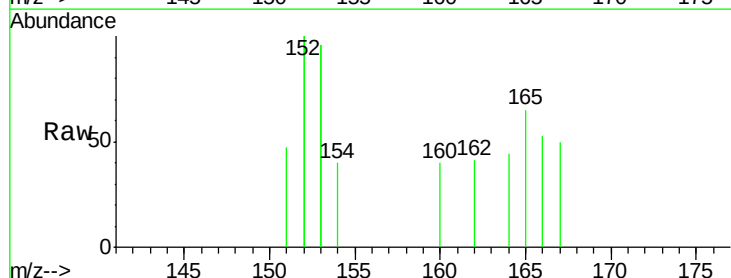
Tgt Ion:166 Resp: 42

Ion Ratio Lower Upper

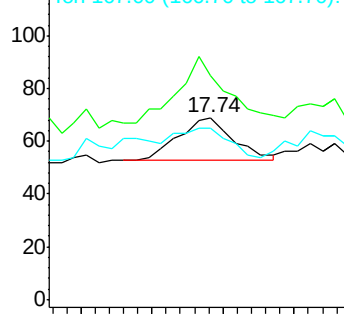
166 100

165 123.2 74.9 112.3#

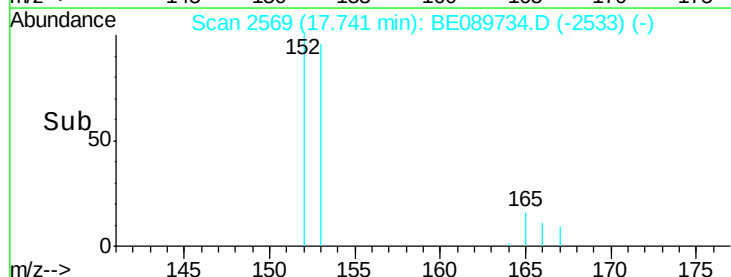
167 94.2 11.5 17.3#

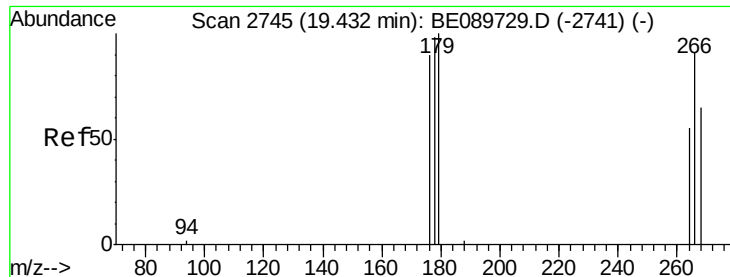


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



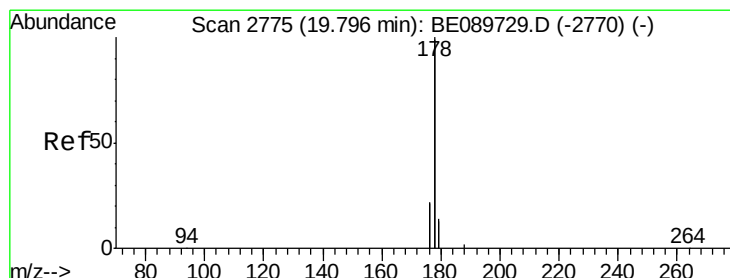
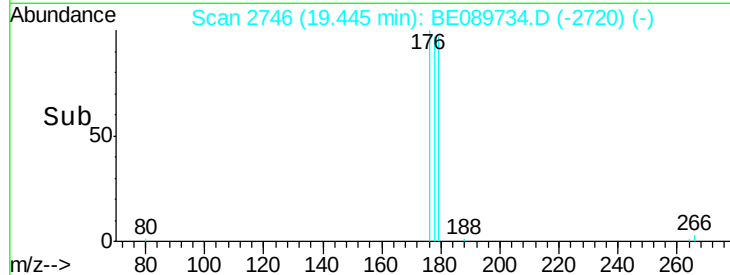
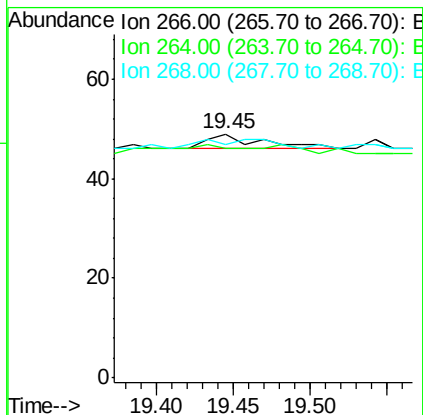
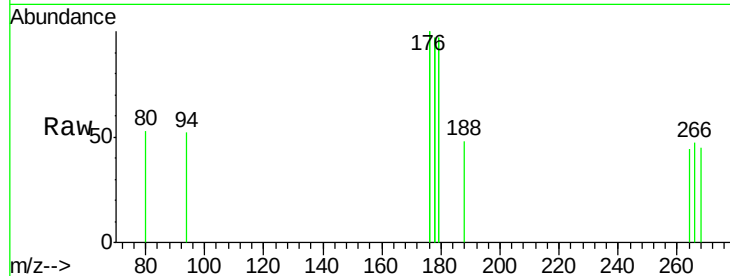
Time--> 17.65 17.70 17.75 17.80





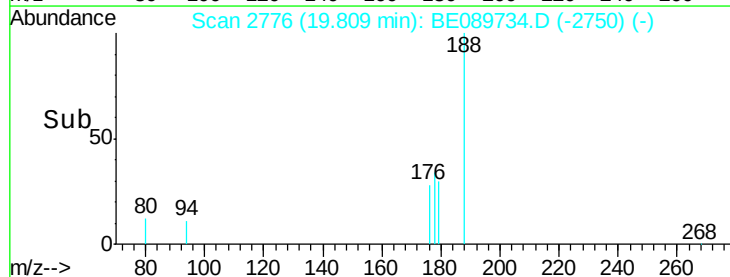
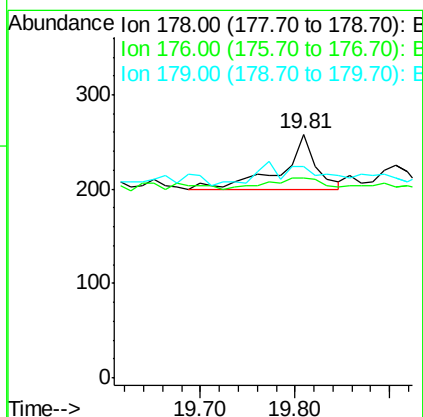
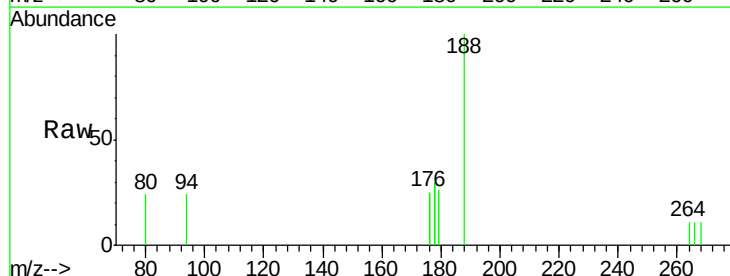
#13
 Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 19.45 min Scan# 2746
 Delta R.T. 0.01 min
 Lab File: BE089734.D
 Acq: 4 Mar 2015 22:34

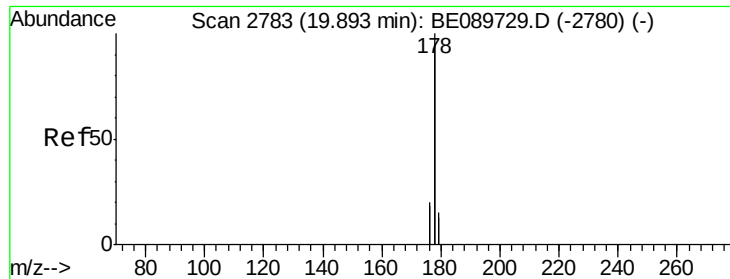
Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 87.5 49.4 74.2#
 268 87.5 47.9 71.9#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 19.81 min Scan# 2776
 Delta R.T. 0.01 min
 Lab File: BE089734.D
 Acq: 4 Mar 2015 22:34

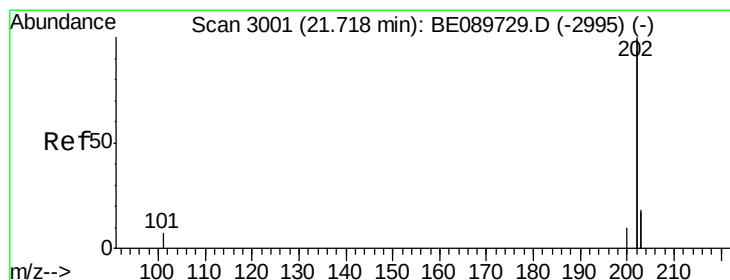
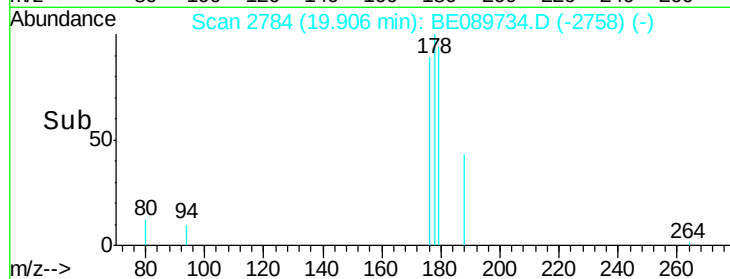
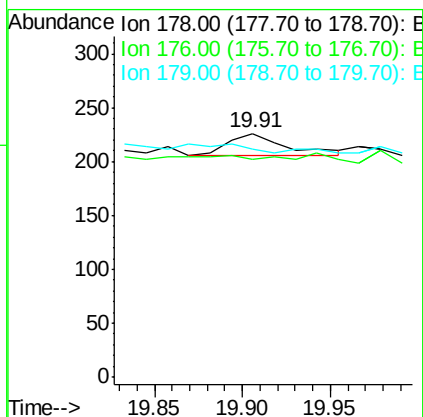
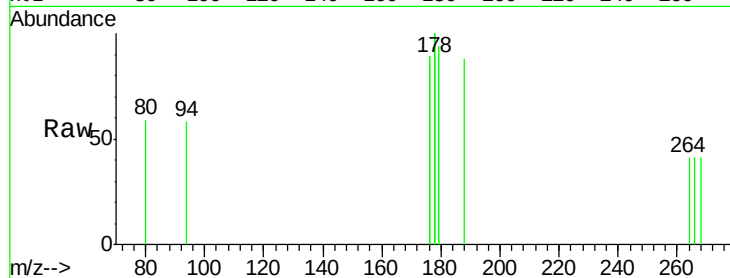
Tgt Ion: 178 Resp: 147
 Ion Ratio Lower Upper
 178 100
 176 82.2 17.6 26.4#
 179 86.8 11.6 17.4#





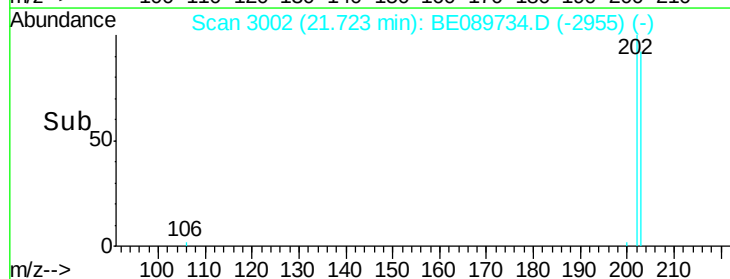
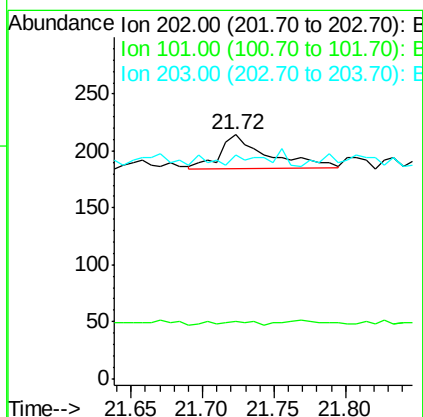
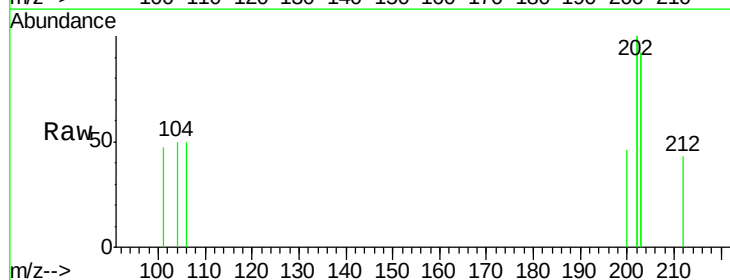
#15
 Anthracene
 Concen: 0.00 ng/ul
 RT: 19.91 min Scan# 2784
 Delta R.T. 0.01 min
 Lab File: BE089734.D
 Acq: 4 Mar 2015 22:34

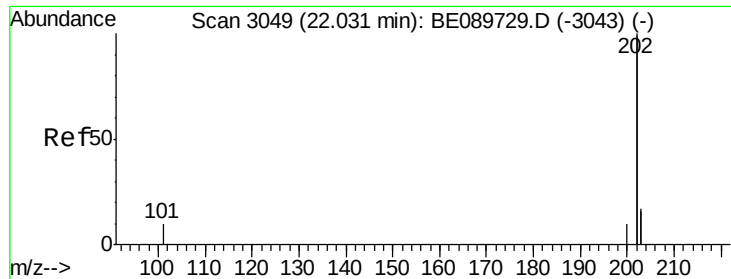
Tgt Ion:178 Resp: 45
 Ion Ratio Lower Upper
 178 100
 176 89.4 15.8 23.6#
 179 93.8 12.0 18.0#



#17
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 21.72 min Scan# 3002
 Delta R.T. 0.01 min
 Lab File: BE089734.D
 Acq: 4 Mar 2015 22:34

Tgt Ion:202 Resp: 70
 Ion Ratio Lower Upper
 202 100
 101 23.4 0.0 24.2
 203 91.6 0.0 37.0#





#19

Pyrene

Concen: 0.00 ng/ul

RT: 22.04 min Scan# 3050

Delta R.T. 0.01 min

Lab File: BE089734.D

Acq: 4 Mar 2015 22:34

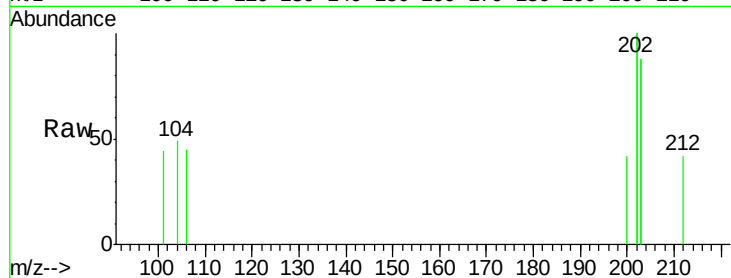
Tgt Ion: 202 Resp: 70

Ion Ratio Lower Upper

202 100

200 21.2 4.4 6.6#

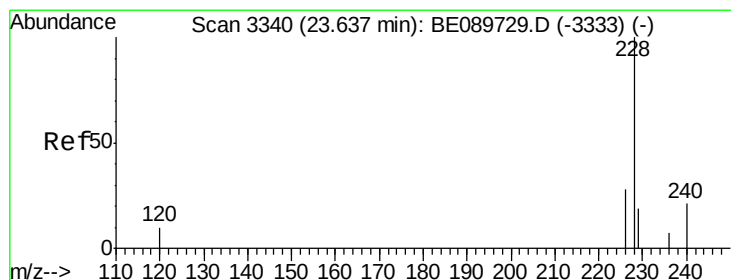
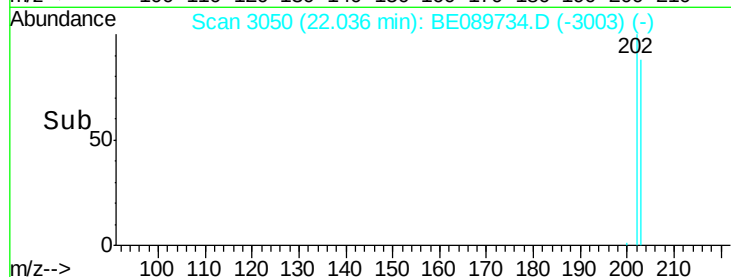
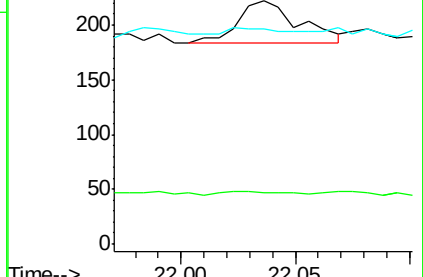
203 88.3 13.6 20.4#



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: 23.64 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BE089734.D

Acq: 4 Mar 2015 22:34

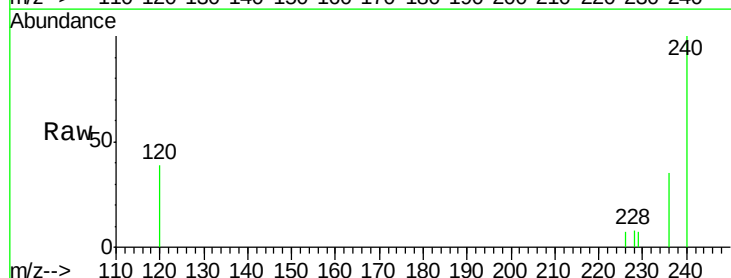
Tgt Ion: 228 Resp: 13

Ion Ratio Lower Upper

228 100

226 88.7 22.8 34.2#

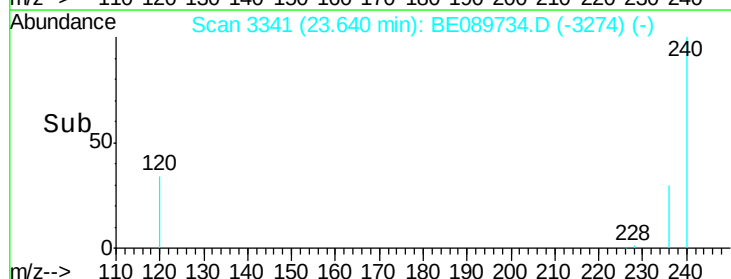
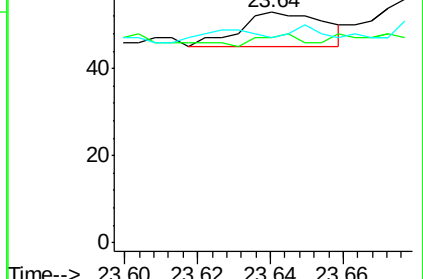
229 88.7 16.2 24.2#

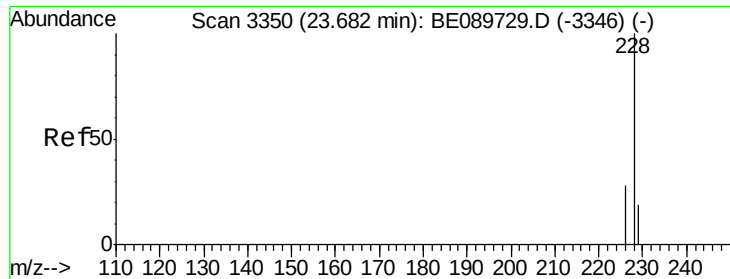


Abundance Ion 228.00 (227.70 to 228.70): E

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: BE089734.D

Acq: 4 Mar 2015 22:34

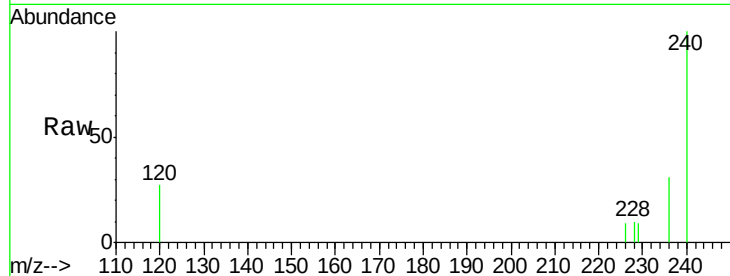
Tgt Ion:228 Resp: 14

Ion Ratio Lower Upper

228 100

226 89.5 23.7 35.5#

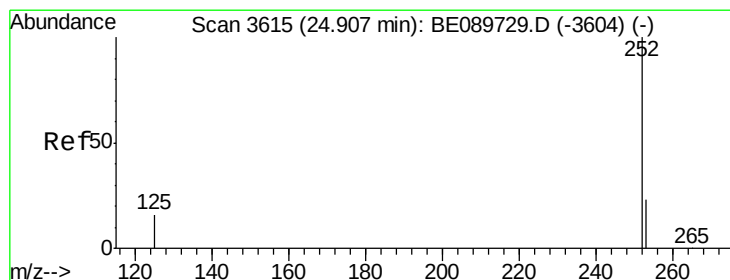
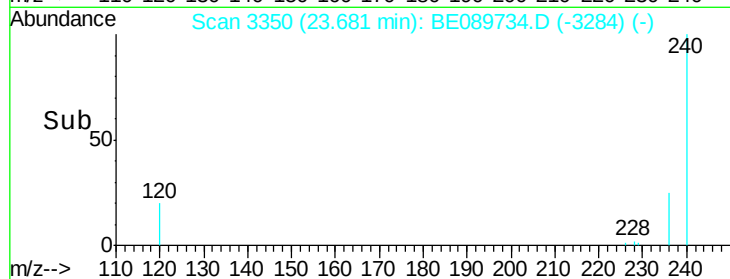
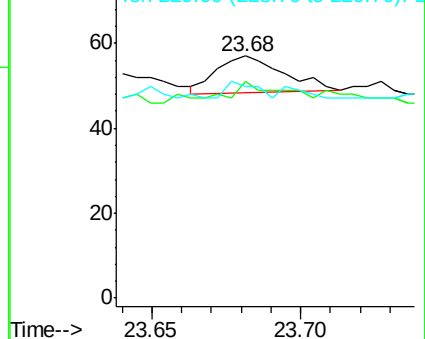
229 87.7 15.5 23.3#



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: 24.92 min Scan# 3618

Delta R.T. 0.01 min

Lab File: BE089734.D

Acq: 4 Mar 2015 22:34

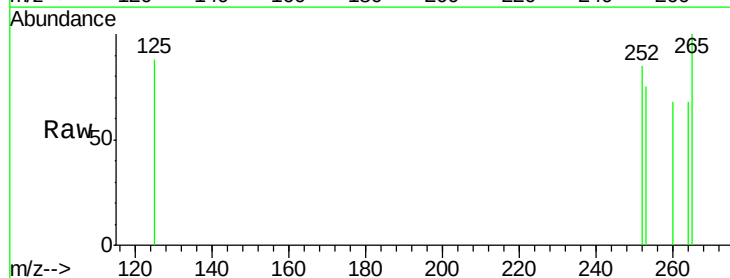
Tgt Ion:252 Resp: 9

Ion Ratio Lower Upper

252 100

253 87.9 0.0 47.0#

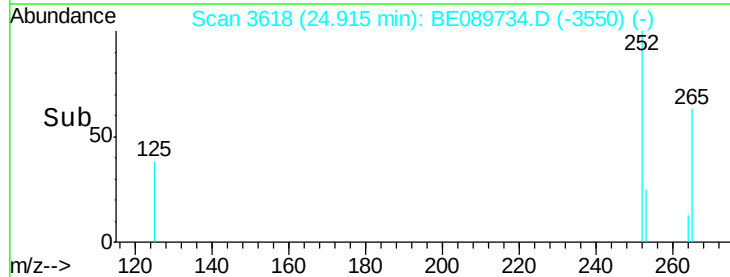
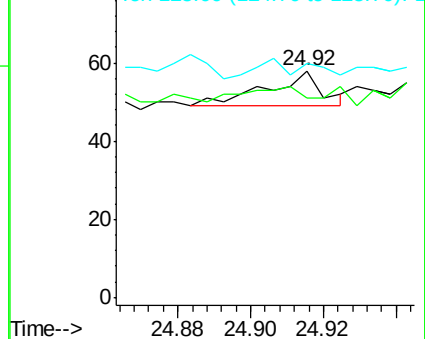
125 103.4 0.0 37.8#

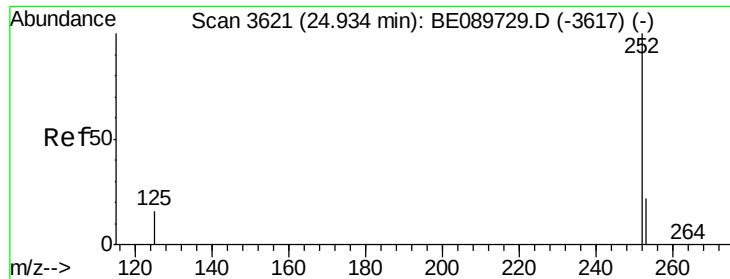


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

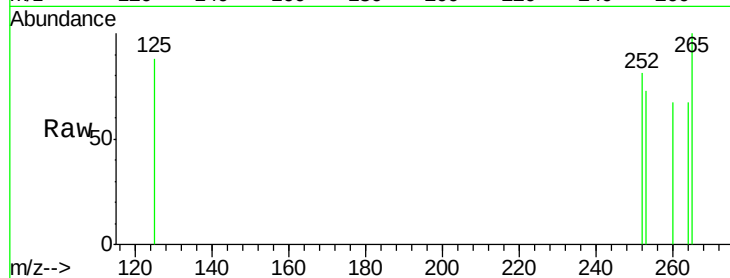
Ion 125.00 (124.70 to 125.70): E



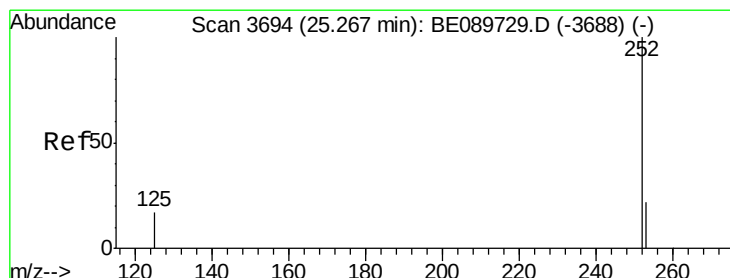
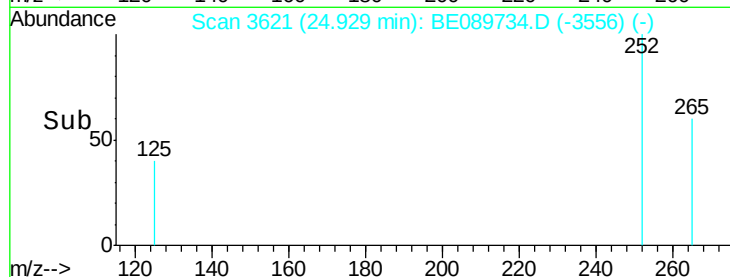
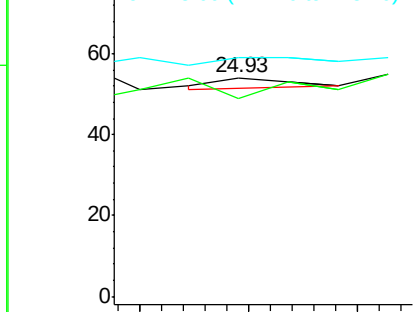


#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 24.93 min Scan# 3621
Delta R.T. -0.01 min
Lab File: BE089734.D
Acq: 4 Mar 2015 22:34

Tgt Ion: 252 Resp: 1
Ion Ratio Lower Upper
252 100
253 90.7 18.2 27.4#
125 109.3 14.6 22.0#

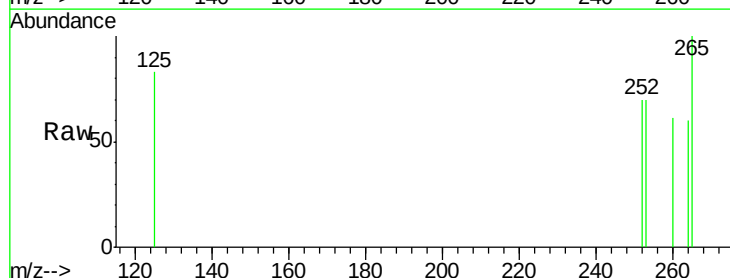


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

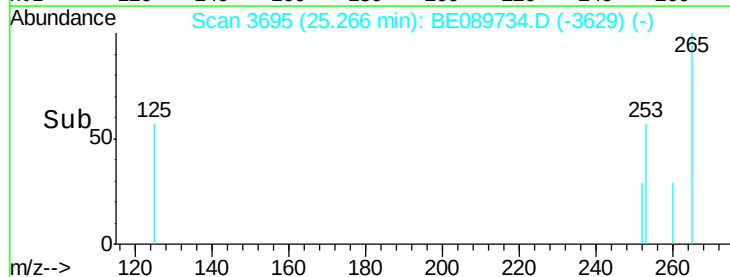
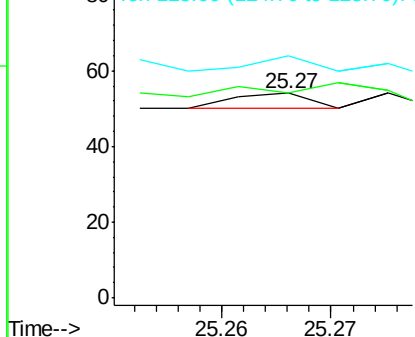


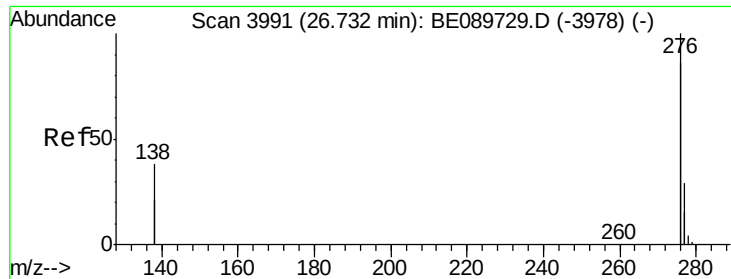
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 25.27 min Scan# 3695
Delta R.T. -0.00 min
Lab File: BE089734.D
Acq: 4 Mar 2015 22:34

Tgt Ion: 252 Resp: 2
Ion Ratio Lower Upper
252 100
253 100.0 19.8 29.6#
125 118.5 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

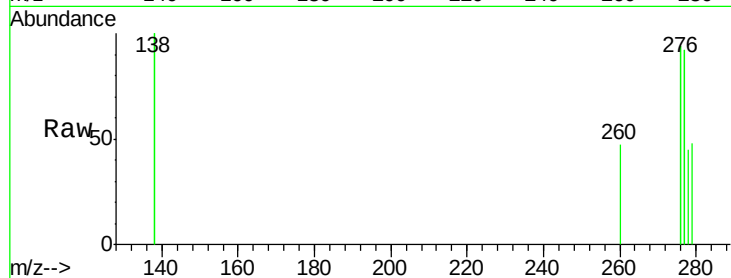




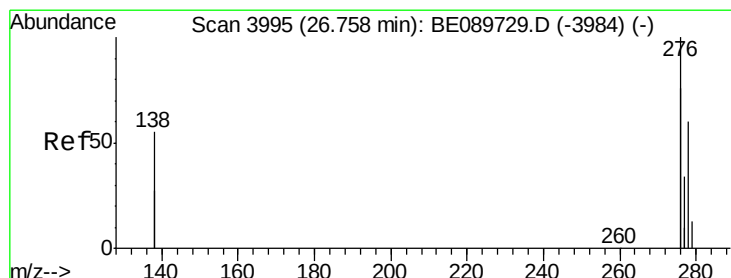
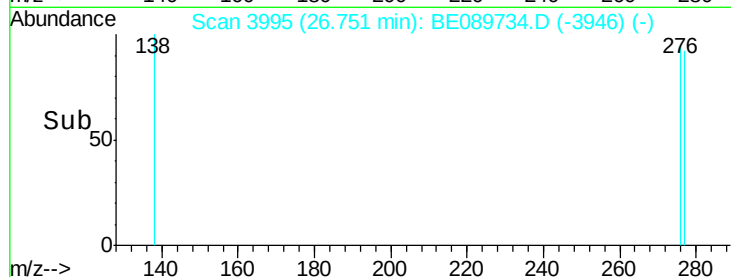
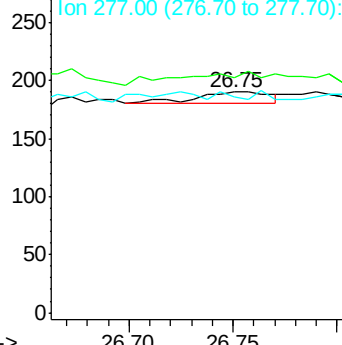
#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 26.75 min Scan# 3995
Delta R.T. 0.02 min
Lab File: BE089734.D
Acq: 4 Mar 2015 22:34

Tgt Ion: 276 Resp: 27
Ion Ratio Lower Upper
276 100
138 81.5 36.8 55.2#
277 18.5 20.6 31.0#



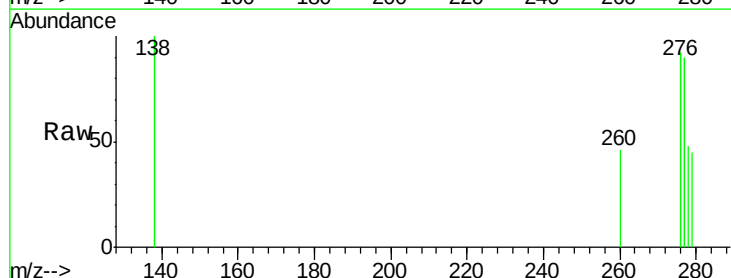
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



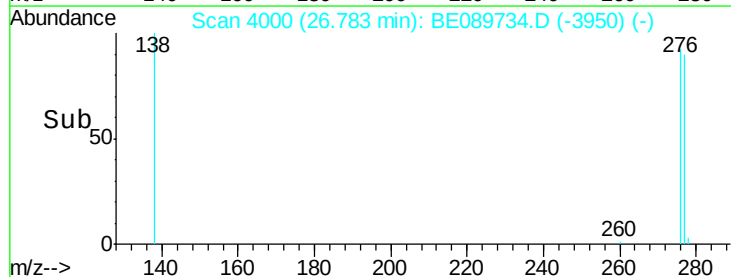
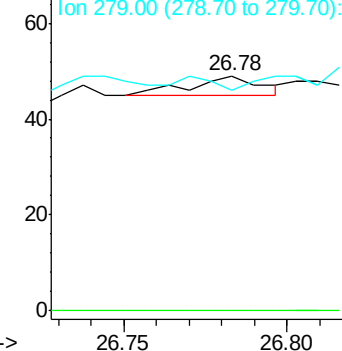
#27

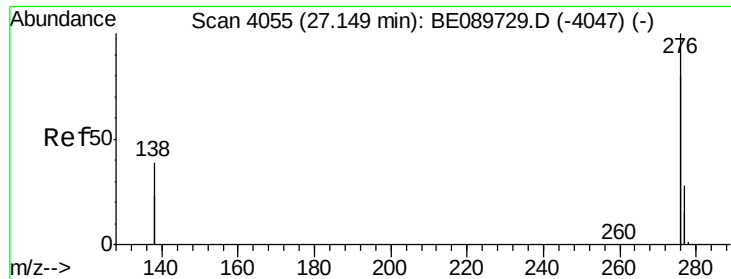
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 26.78 min Scan# 4000
Delta R.T. 0.03 min
Lab File: BE089734.D
Acq: 4 Mar 2015 22:34

Tgt Ion: 278 Resp: 6
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 93.9 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: 27.15 min Scan# 4056

Delta R.T. -0.00 min

Lab File: BE089734.D

Acq: 4 Mar 2015 22:34

Tgt Ion:	276	Resp:	7
Ion	Ratio	Lower	Upper
276	100		
277	96.9	21.4	32.2#
138	104.2	31.4	47.0#

