

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030415\
 Data File : BE089731.D
 Acq On : 4 Mar 2015 20:37
 Operator : TP/JJ
 Sample : MDL-01-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 05 00:23:42 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 : 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	4132	0.40	ng/ul	0.00
4) Naphthalene-d8	12.24	136	16872	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	7127	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	12647	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	5537	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	2474	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	2.64	96	10509	1.94	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.88	152	2	0.00	ng/ul	0.00
16) Fluoranthene-d10	21.70	212	6	0.00	ng/ul	0.00

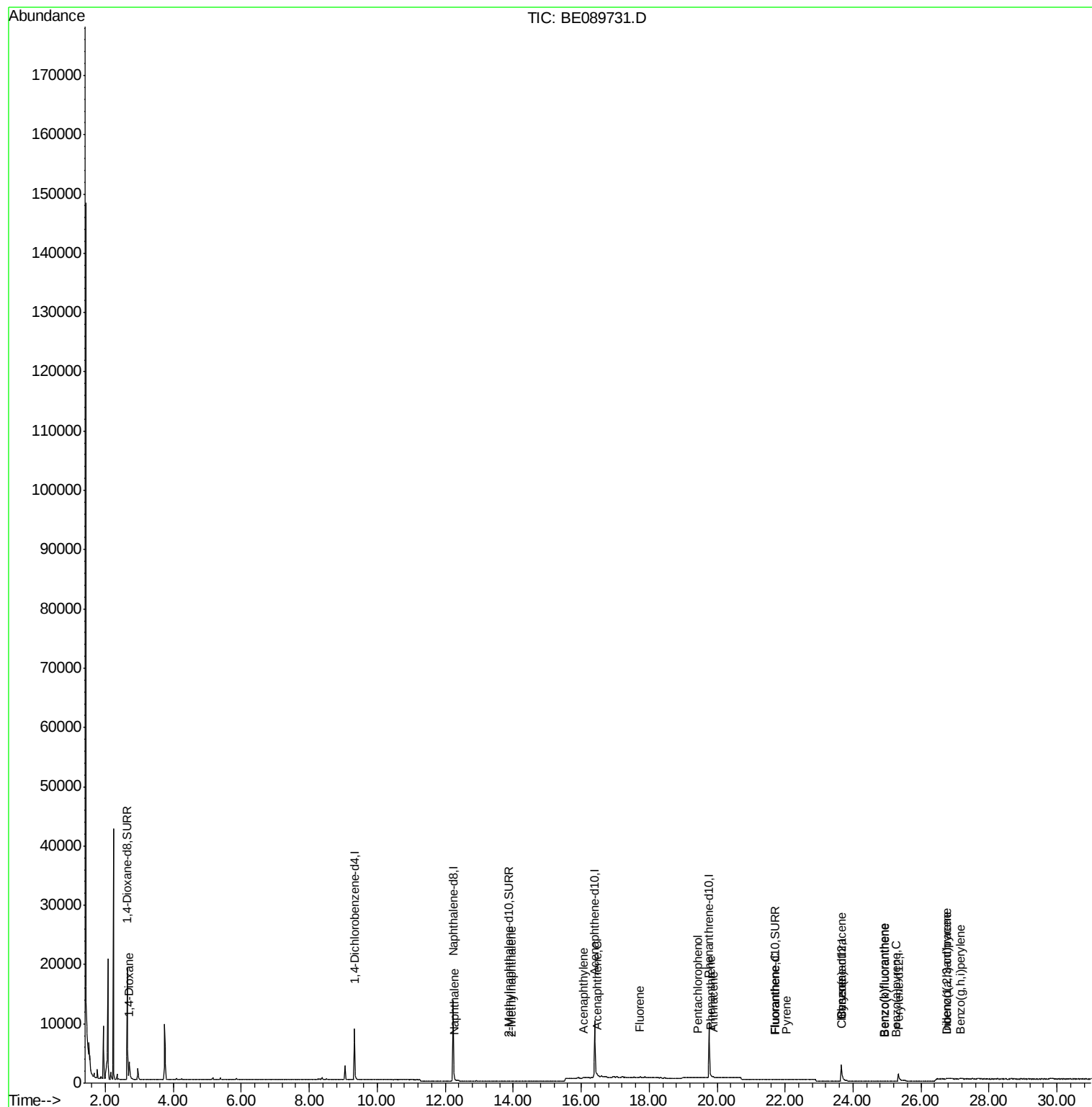
Target Compounds

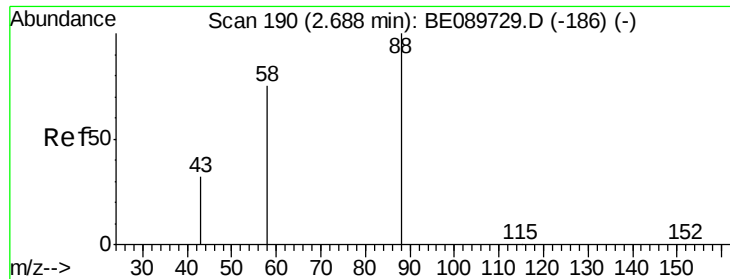
					Qvalue
3) 1,4-Dioxane	2.71	88	2378	0.38	ng/ul# 83
5) Naphthalene	12.28	128	25	0.00	ng/ul# 1
7) 2-Methylnaphthalene	13.95	142	15	0.00	ng/ul 88
9) Acenaphthylene	16.06	152	122	0.00	ng/ul# 1
10) Acenaphthene	16.47	153	363	0.00	ng/ul# 43
11) Fluorene	17.73	166	59	0.00	ng/ul# 32
13) Pentachlorophenol	19.44	266	14	0.03	ng/ul# 76
14) Phenanthrene	19.81	178	202	0.00	ng/ul# 1
15) Anthracene	19.91	178	103	0.00	ng/ul# 1
17) Fluoranthene	21.72	202	103	0.00	ng/ul# 1
19) Pyrene	22.04	202	86	0.00	ng/ul# 1
20) Benzo(a)anthracene	23.65	228	21	0.00	ng/ul# 1
21) Chrysene	23.68	228	17	0.00	ng/ul# 1
23) Benzo(b)fluoranthene	24.91	252	11	0.00	ng/ul# 1
24) Benzo(k)fluoranthene	24.94	252	8	0.00	ng/ul# 1
25) Benzo(a)pyrene	25.27	252	12	0.00	ng/ul# 1
26) Indeno(1,2,3-cd)pyrene	26.75	276	84	0.01	ng/ul 89
27) Dibenzo(a,h)anthracene	26.75	278	3	0.00	ng/ul# 1
28) Benzo(g,h,i)perylene	27.15	276	43	0.00	ng/ul# 1

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

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Quant Time: Mar 05 00:23:42 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 : Thu Mar 05 00:14:14 2015
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#3

1,4-Dioxane

Concen: 0.38 ng/ul

RT: 2.71 min Scan# 193

Delta R.T. 0.02 min

Lab File: BE089731.D

Acq: 4 Mar 2015 20:37

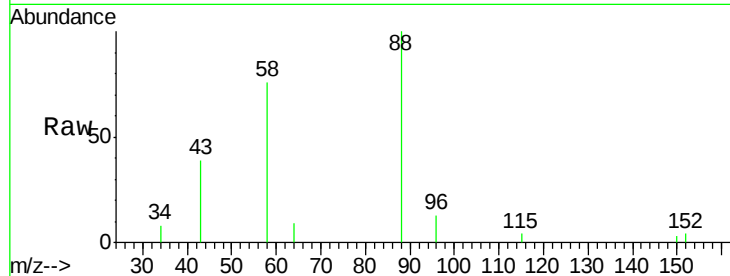
Tgt Ion: 88 Resp: 2378

Ion Ratio Lower Upper

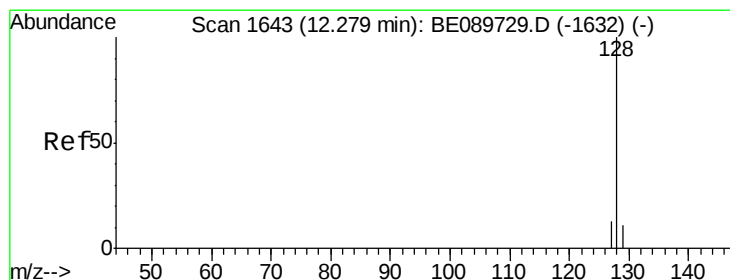
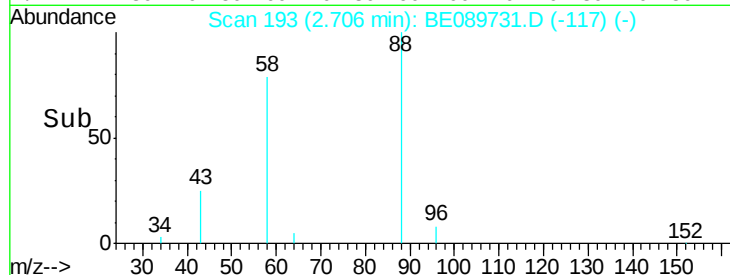
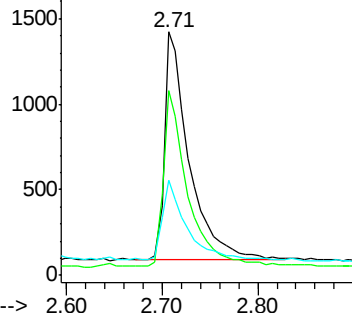
88 100

58 76.6 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# 1644

Delta R.T. 0.01 min

Lab File: BE089731.D

Acq: 4 Mar 2015 20:37

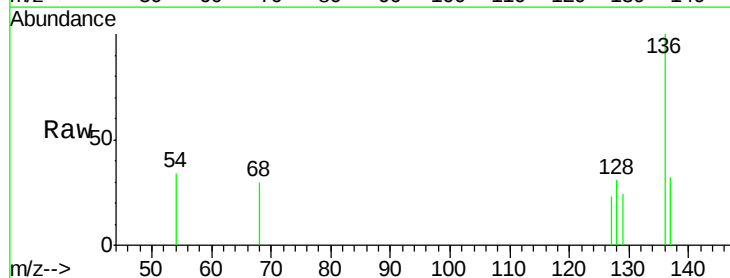
Tgt Ion: 128 Resp: 25

Ion Ratio Lower Upper

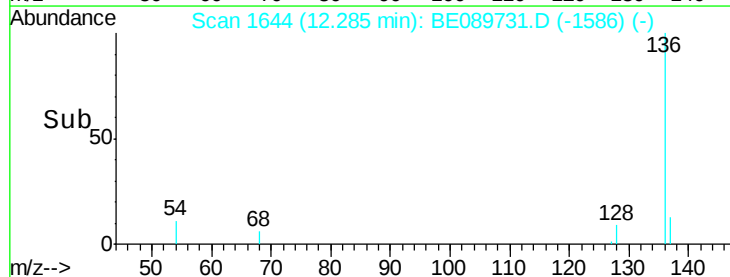
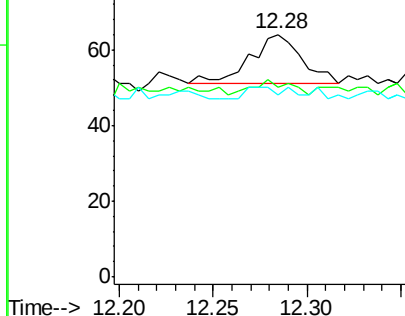
128 100

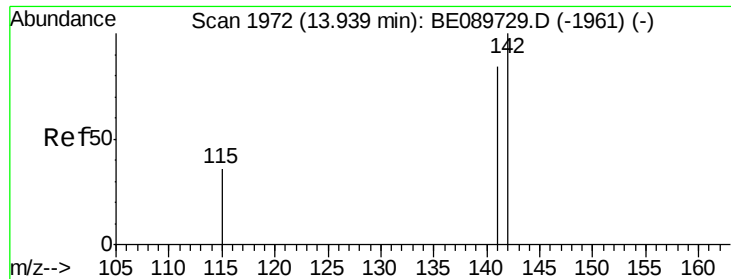
129 78.1 9.0 13.6#

127 75.0 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: 13.95 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BE089731.D

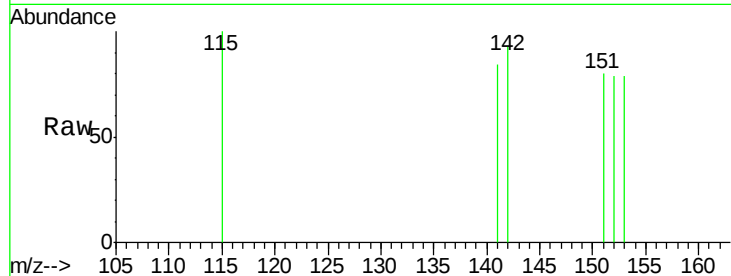
Acq: 4 Mar 2015 20:37

Tgt Ion:142 Resp: 15

Ion Ratio Lower Upper

142 100

141 73.3 67.4 101.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

13.95

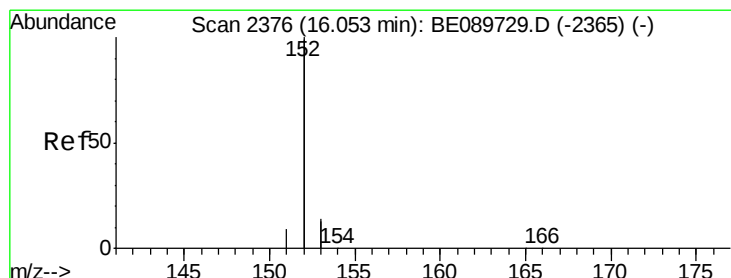
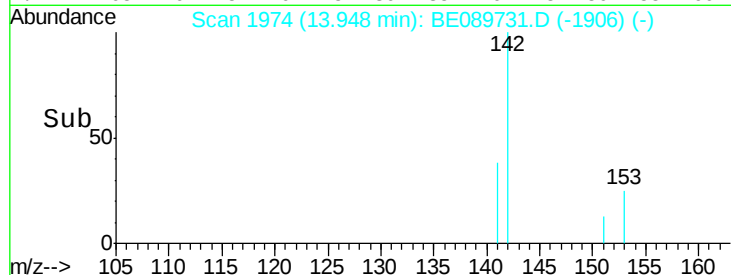
60

40

20

0

Time--> 13.90 13.95 14.00



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 16.06 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BE089731.D

Acq: 4 Mar 2015 20:37

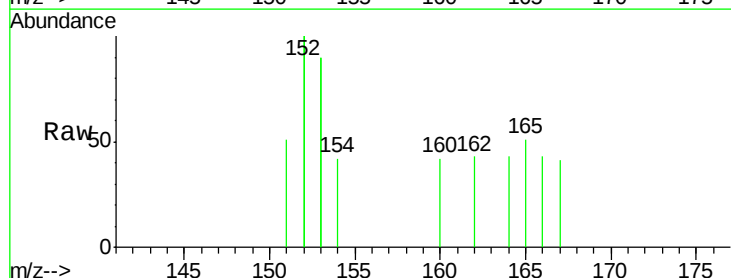
Tgt Ion:152 Resp: 122

Ion Ratio Lower Upper

152 100

151 25.4 3.8 5.8#

153 90.0 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

300

250

200

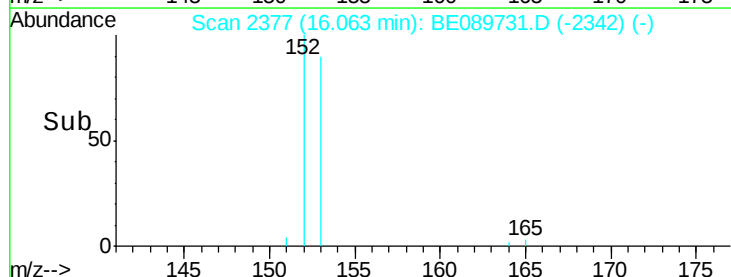
150

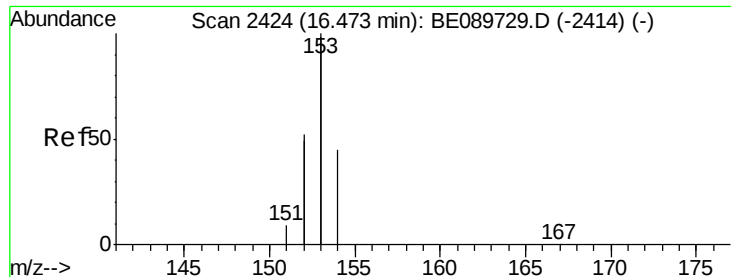
100

50

0

Time--> 16.00 16.05 16.10 16.15





#10

Acenaphthene

Concen: 0.00 ng/ul

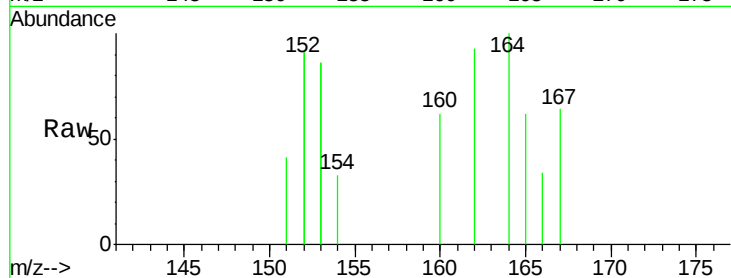
RT: 16.47 min Scan# 2424

Delta R.T. 0.00 min

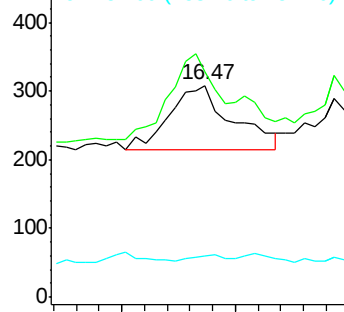
Lab File: BE089731.D

Acq: 4 Mar 2015 20:37

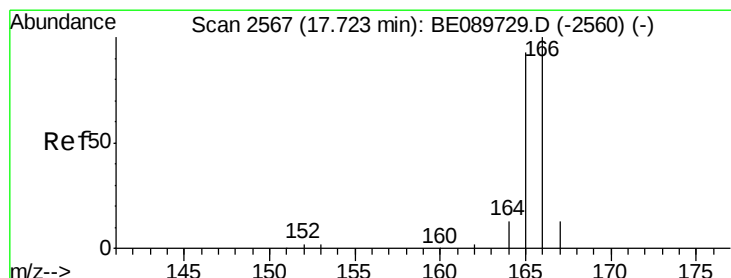
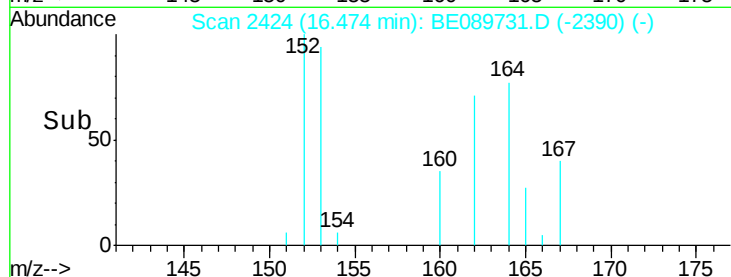
Tgt Ion:	153	Resp:	363
Ion	Ratio	Lower	Upper
153	100		
152	106.5	41.2	61.8#
154	19.5	18.2	27.2



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

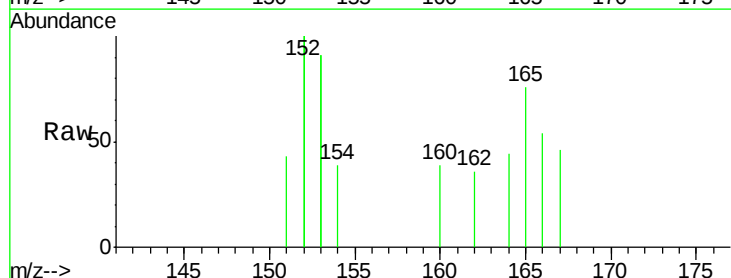
RT: 17.73 min Scan# 2568

Delta R.T. 0.01 min

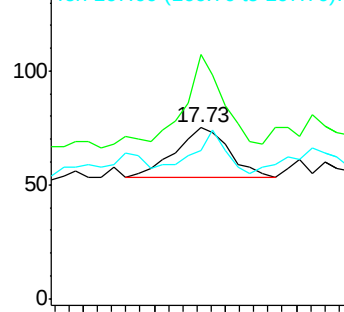
Lab File: BE089731.D

Acq: 4 Mar 2015 20:37

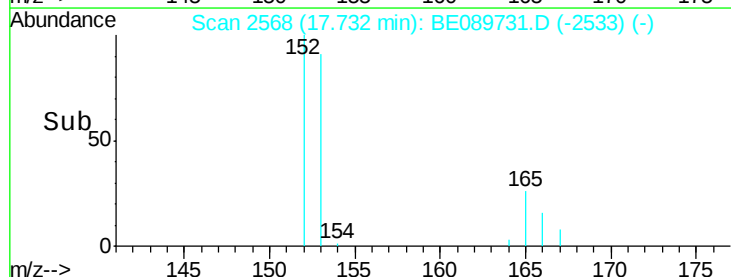
Tgt Ion:	166	Resp:	59
Ion	Ratio	Lower	Upper
166	100		
165	142.7	74.9	112.3#
167	86.7	11.5	17.3#

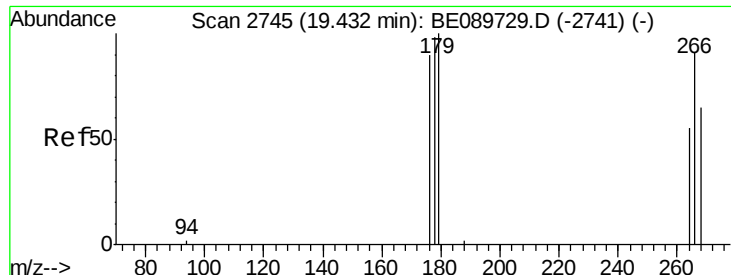


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



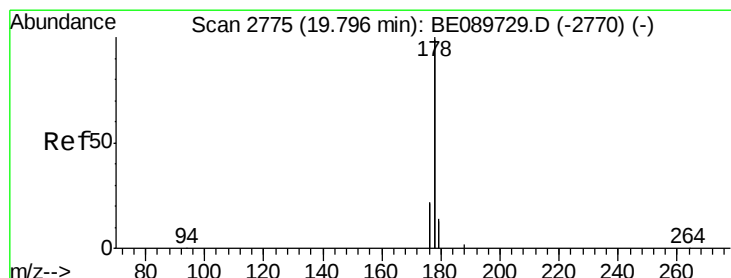
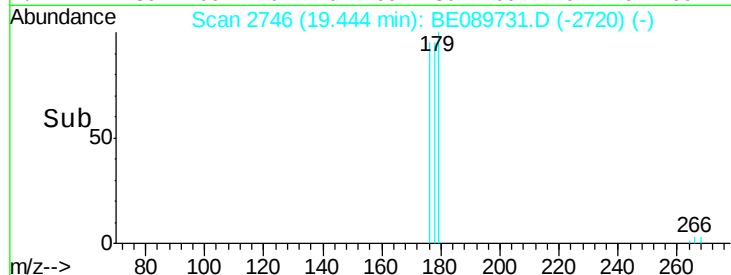
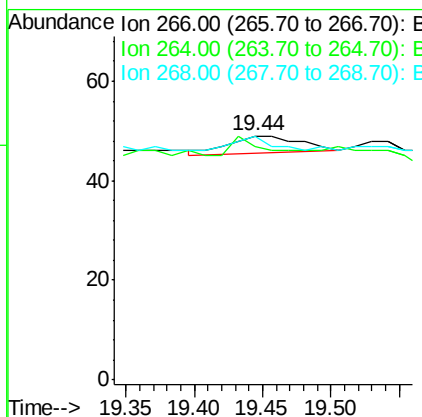
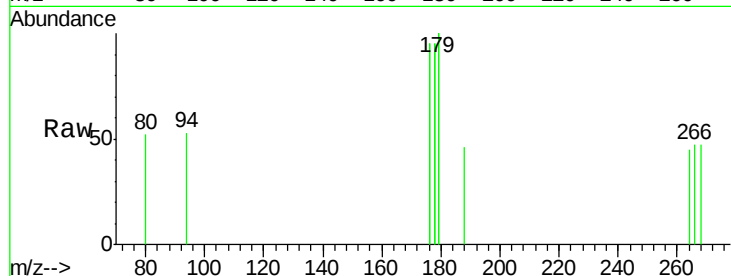
Time-->





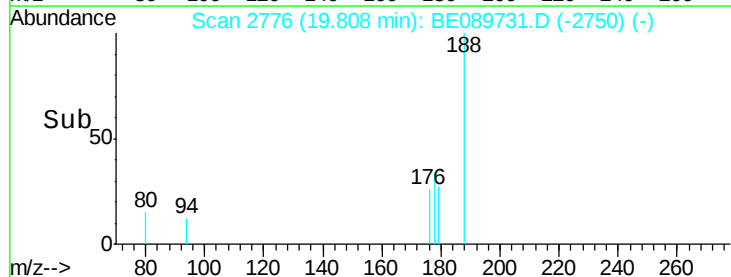
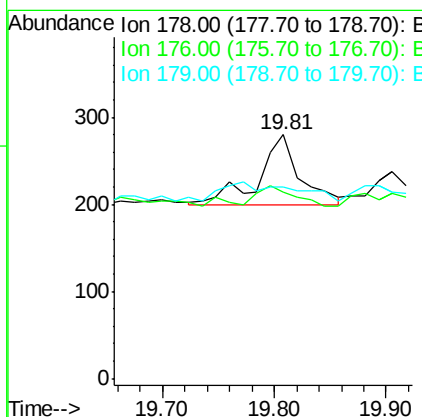
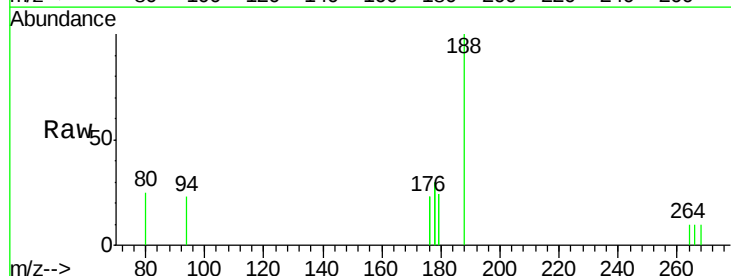
#13
 Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 19.44 min Scan# 2746
 Delta R.T. 0.01 min
 Lab File: BE089731.D
 Acq: 4 Mar 2015 20:37

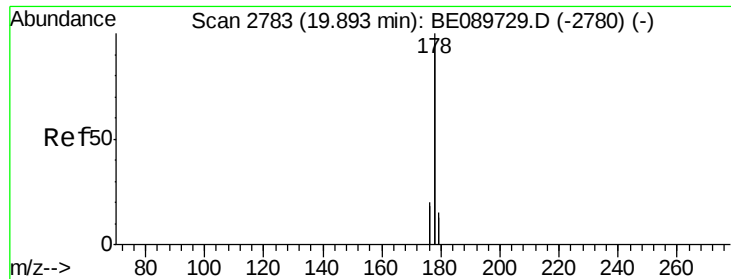
Tgt Ion: 266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 264 42.9 49.4 74.2#
 268 42.9 47.9 71.9#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 19.81 min Scan# 2776
 Delta R.T. 0.01 min
 Lab File: BE089731.D
 Acq: 4 Mar 2015 20:37

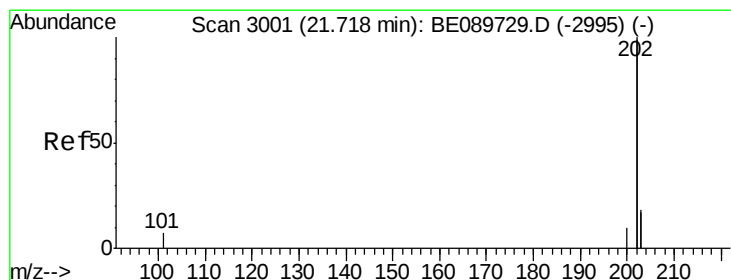
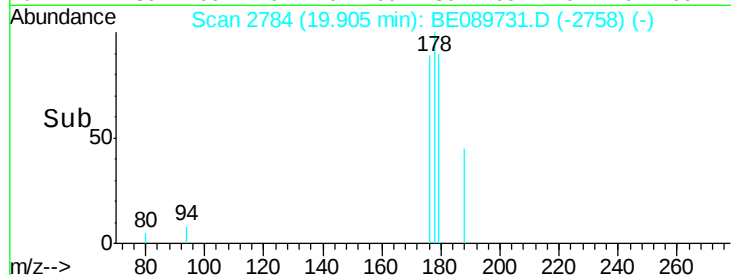
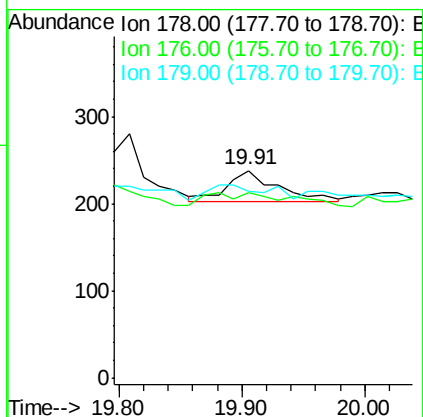
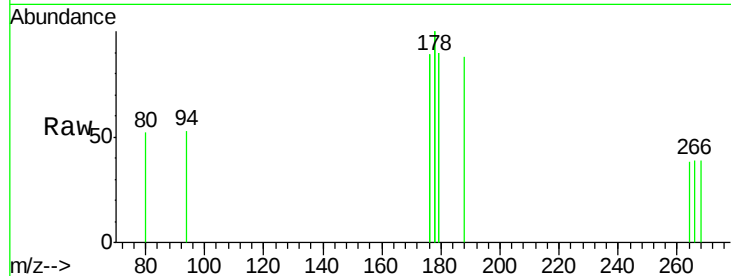
Tgt Ion: 178 Resp: 202
 Ion Ratio Lower Upper
 178 100
 176 76.4 17.6 26.4#
 179 78.6 11.6 17.4#





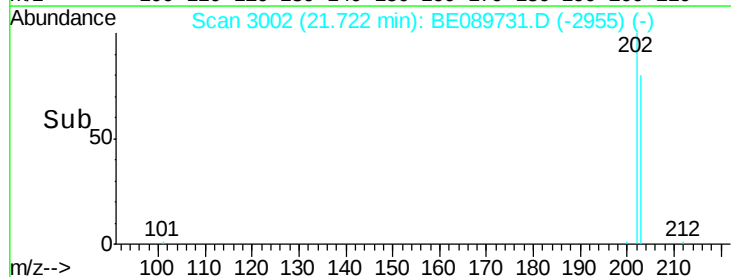
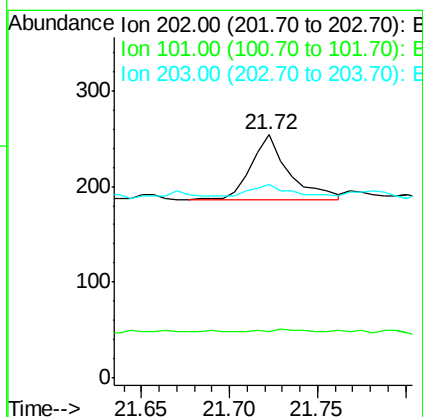
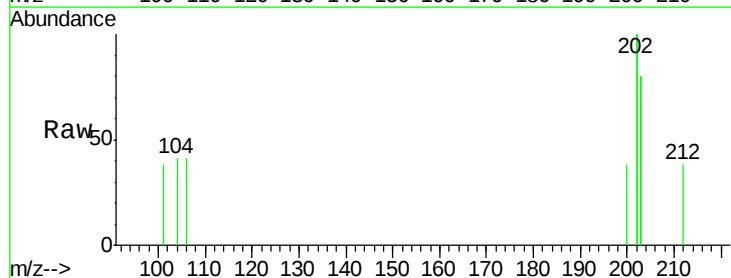
#15
 Anthracene
 Concen: 0.00 ng/ul
 RT: 19.91 min Scan# 2784
 Delta R.T. 0.01 min
 Lab File: BE089731.D
 Acq: 4 Mar 2015 20:37

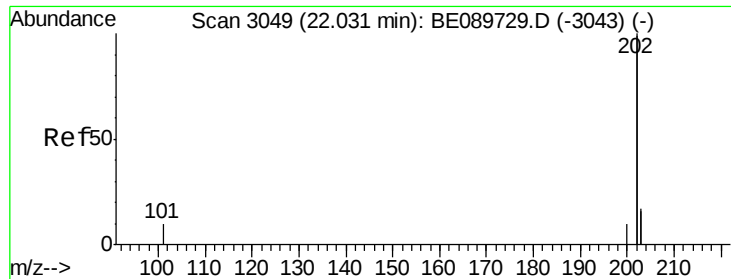
Tgt Ion:178 Resp: 103
 Ion Ratio Lower Upper
 178 100
 176 89.1 15.8 23.6#
 179 89.9 12.0 18.0#



#17
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 21.72 min Scan# 3002
 Delta R.T. 0.00 min
 Lab File: BE089731.D
 Acq: 4 Mar 2015 20:37

Tgt Ion:202 Resp: 103
 Ion Ratio Lower Upper
 202 100
 101 18.9 0.0 24.2
 203 79.5 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: BE089731.D

Acq: 4 Mar 2015 20:37

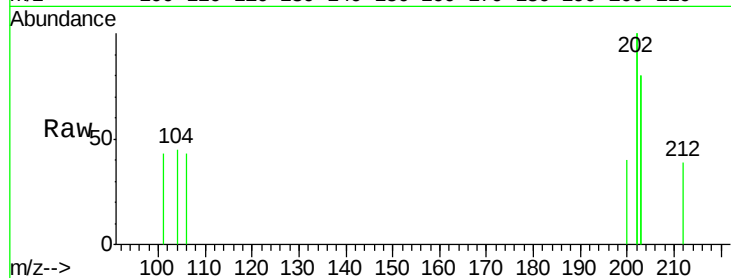
Tgt Ion: 202 Resp: 86

Ion Ratio Lower Upper

202 100

200 20.1 4.4 6.6#

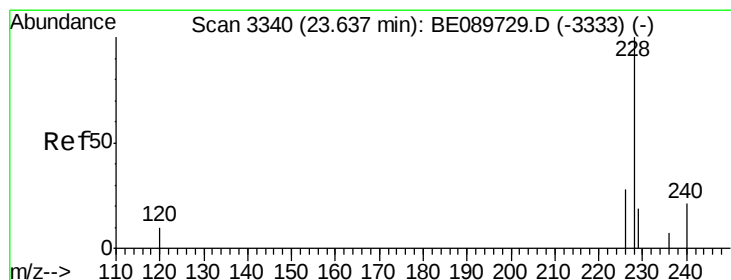
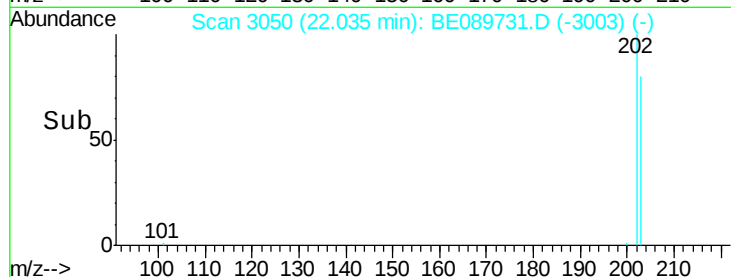
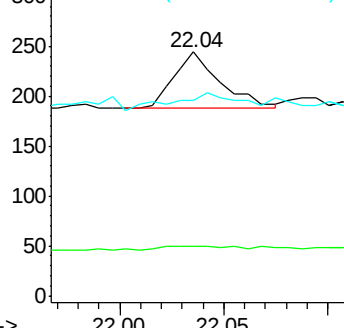
203 80.3 13.6 20.4#



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: 23.65 min Scan# 3342

Delta R.T. 0.01 min

Lab File: BE089731.D

Acq: 4 Mar 2015 20:37

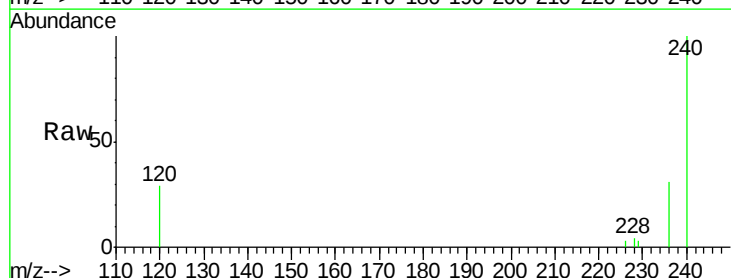
Tgt Ion: 228 Resp: 21

Ion Ratio Lower Upper

228 100

226 82.8 22.8 34.2#

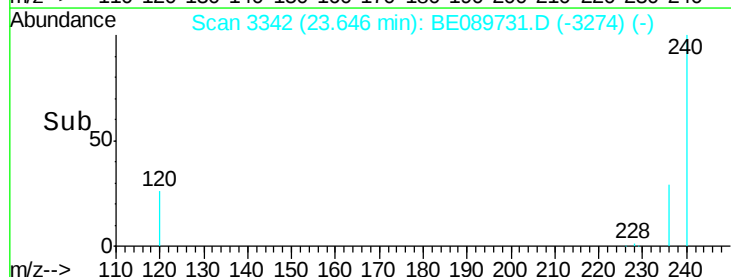
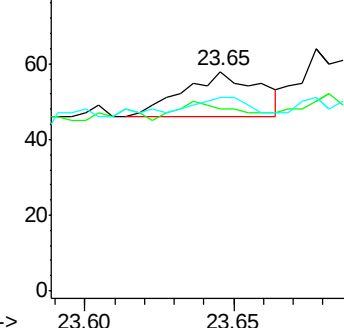
229 87.9 16.2 24.2#

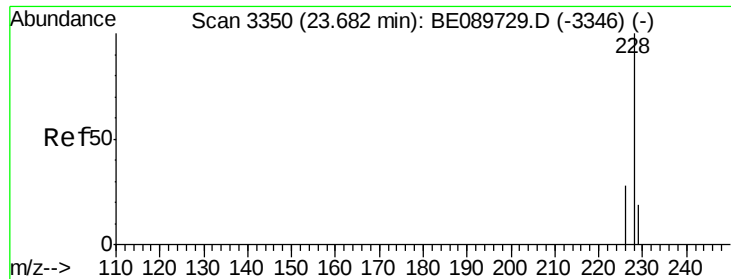


Abundance Ion 228.00 (227.70 to 228.70): E

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# 3349

Delta R.T. -0.00 min

Lab File: BE089731.D

Acq: 4 Mar 2015 20:37

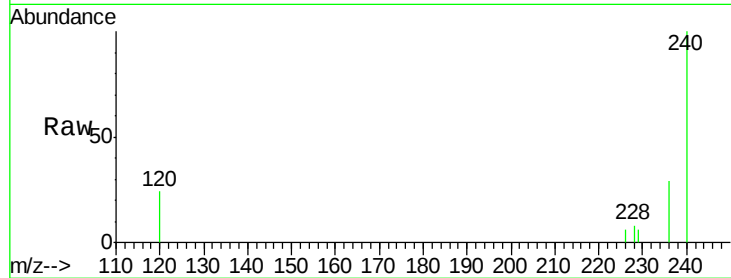
Tgt Ion: 228 Resp: 17

Ion Ratio Lower Upper

228 100

226 78.1 23.7 35.5#

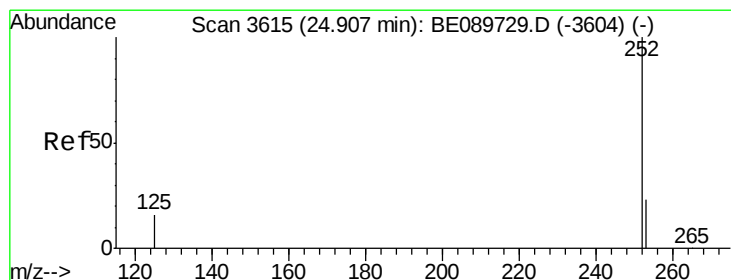
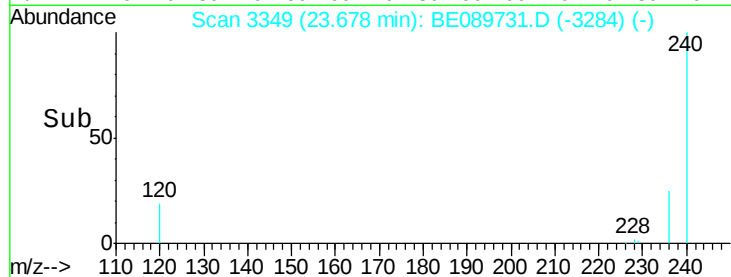
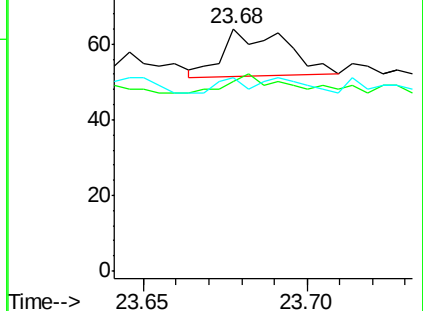
229 79.7 15.5 23.3#



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# 3615

Delta R.T. -0.00 min

Lab File: BE089731.D

Acq: 4 Mar 2015 20:37

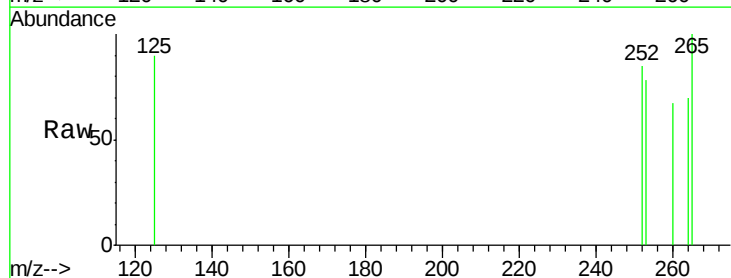
Tgt Ion: 252 Resp: 11

Ion Ratio Lower Upper

252 100

253 91.2 0.0 47.0#

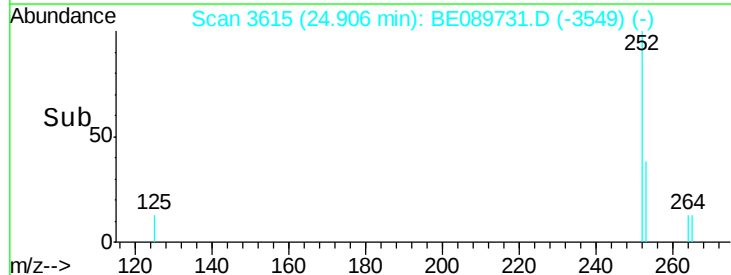
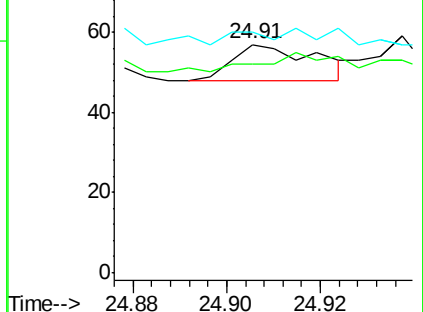
125 105.3 0.0 37.8#

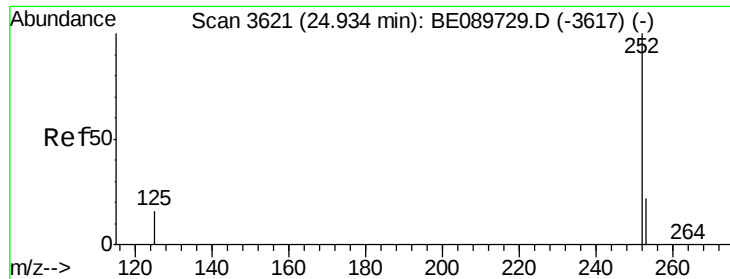


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

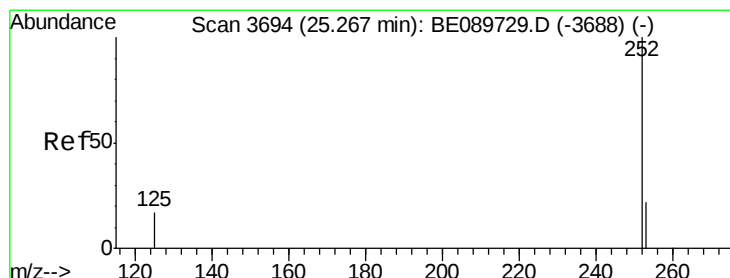
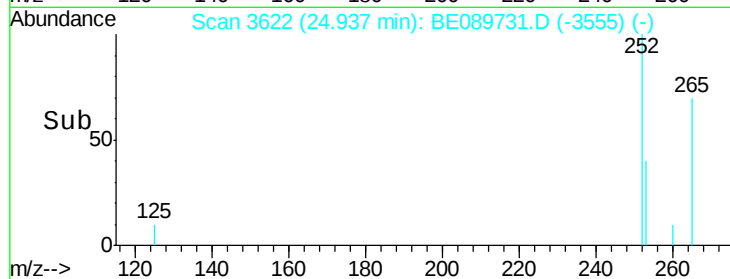
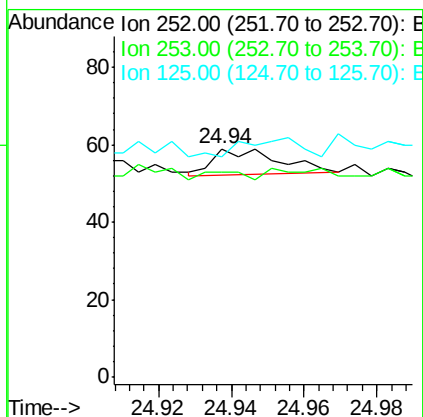
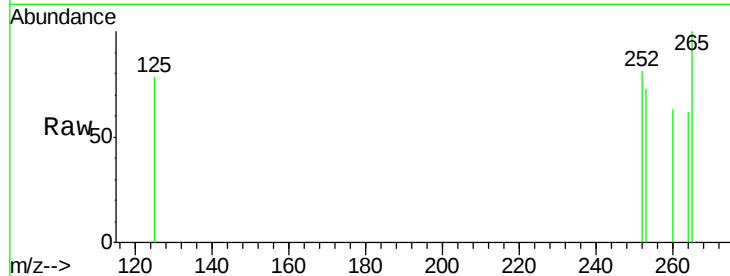
Ion 125.00 (124.70 to 125.70): E





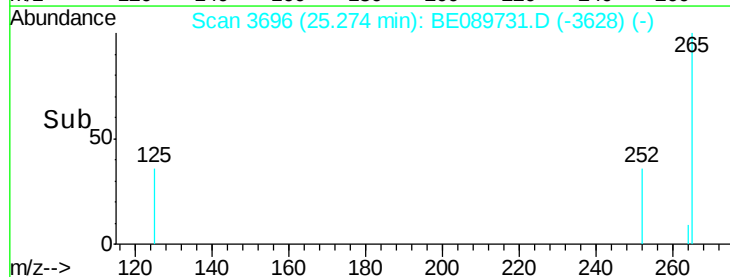
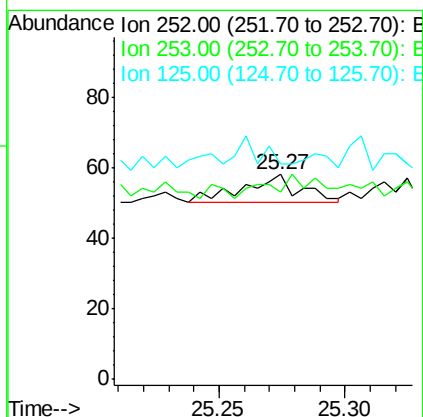
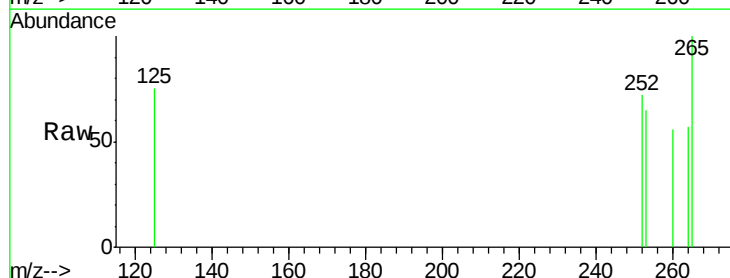
#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 24.94 min Scan# 3622
Delta R.T. 0.00 min
Lab File: BE089731.D
Acq: 4 Mar 2015 20:37

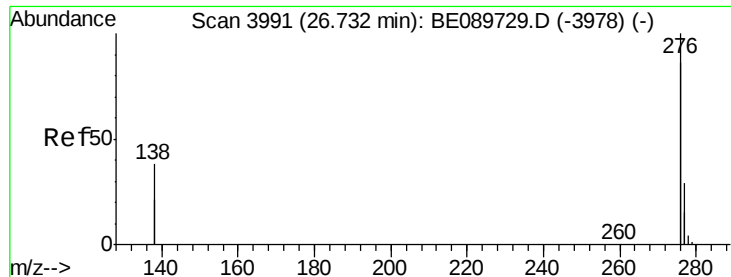
Tgt Ion: 252 Resp: 8
Ion Ratio Lower Upper
252 100
253 89.8 18.2 27.4#
125 96.6 14.6 22.0#



#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 25.27 min Scan# 3696
Delta R.T. 0.01 min
Lab File: BE089731.D
Acq: 4 Mar 2015 20:37

Tgt Ion: 252 Resp: 12
Ion Ratio Lower Upper
252 100
253 91.4 19.8 29.6#
125 105.2 16.0 24.0#

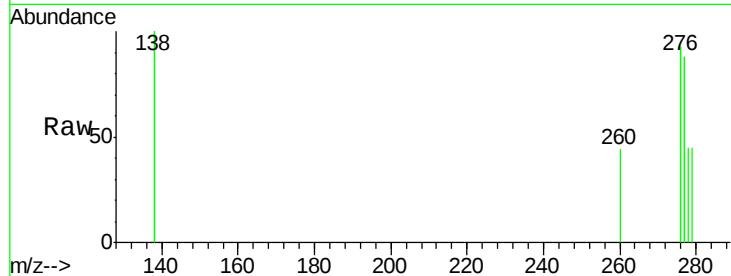




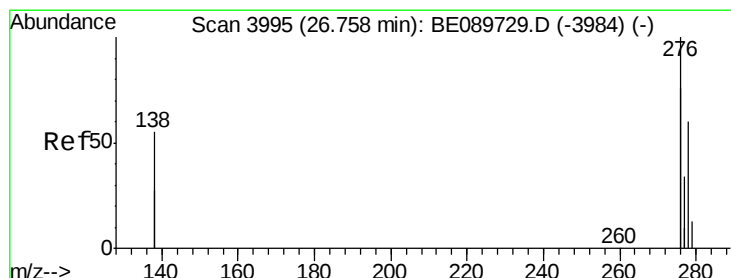
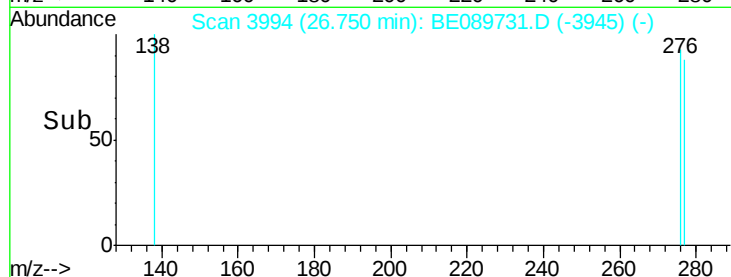
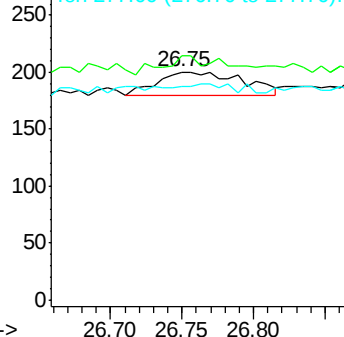
#26

Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng/ul
RT: 26.75 min Scan# 3994
Delta R.T. 0.02 min
Lab File: BE089731.D
Acq: 4 Mar 2015 20:37

Tgt Ion: 276 Resp: 84
Ion Ratio Lower Upper
276 100
138 36.9 36.8 55.2
277 22.6 20.6 31.0



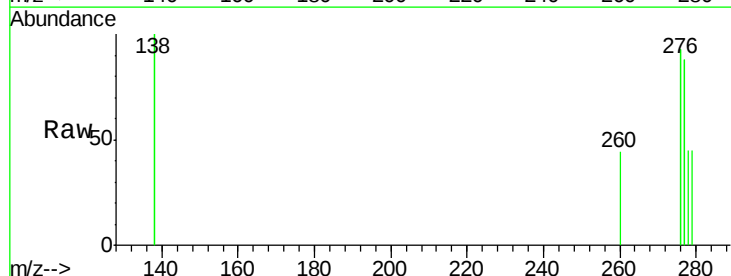
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



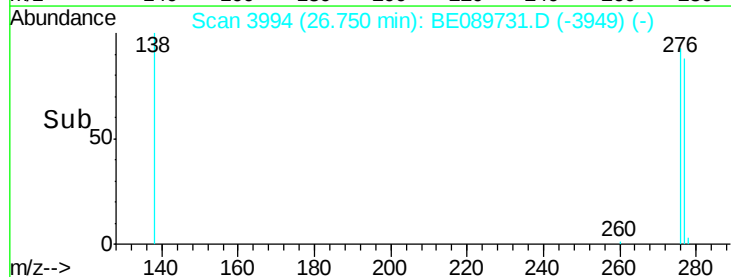
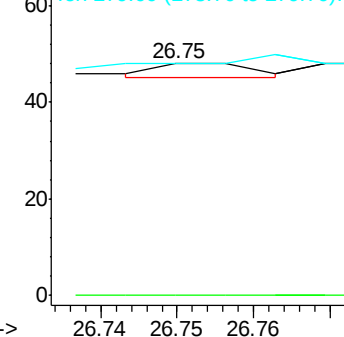
#27

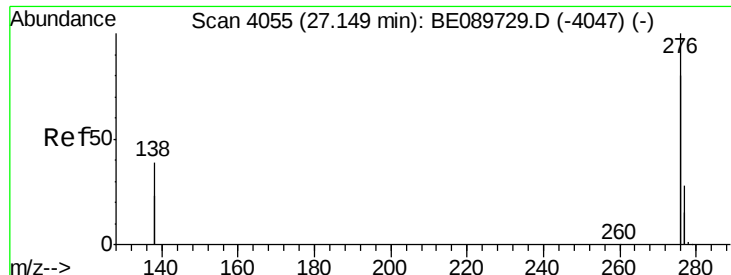
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 26.75 min Scan# 3994
Delta R.T. -0.01 min
Lab File: BE089731.D
Acq: 4 Mar 2015 20:37

Tgt Ion: 278 Resp: 3
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: 27.15 min Scan# 4056

Delta R.T. 0.01 min

Lab File: BE089731.D

Acq: 4 Mar 2015 20:37

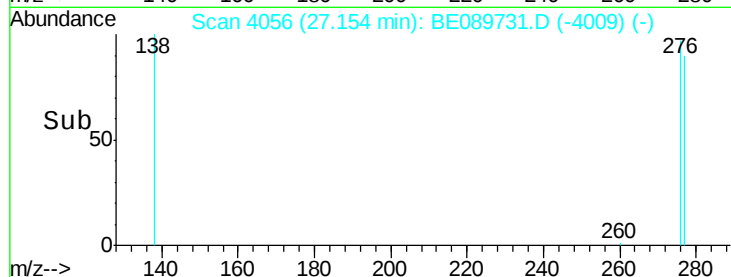
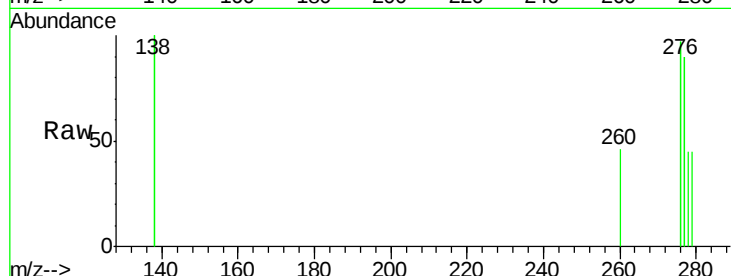
Tgt Ion: 276 Resp: 43

Ion Ratio Lower Upper

276 100

277 93.1 21.4 32.2#

138 102.9 31.4 47.0#



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

