

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030415\
 Data File : BE089732.D
 Acq On : 4 Mar 2015 21:16
 Operator : TP/JJ
 Sample : MDL-02-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 05 00:23:56 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	3844	0.40	ng/ul	0.00
4) Naphthalene-d8	12.24	136	15971	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	7041	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	11764	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	4454	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	1942	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	2.64	96	8715	1.73	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.87	152	1	0.00	ng/ul	0.00
16) Fluoranthene-d10	21.70	212	4	0.00	ng/ul	0.00

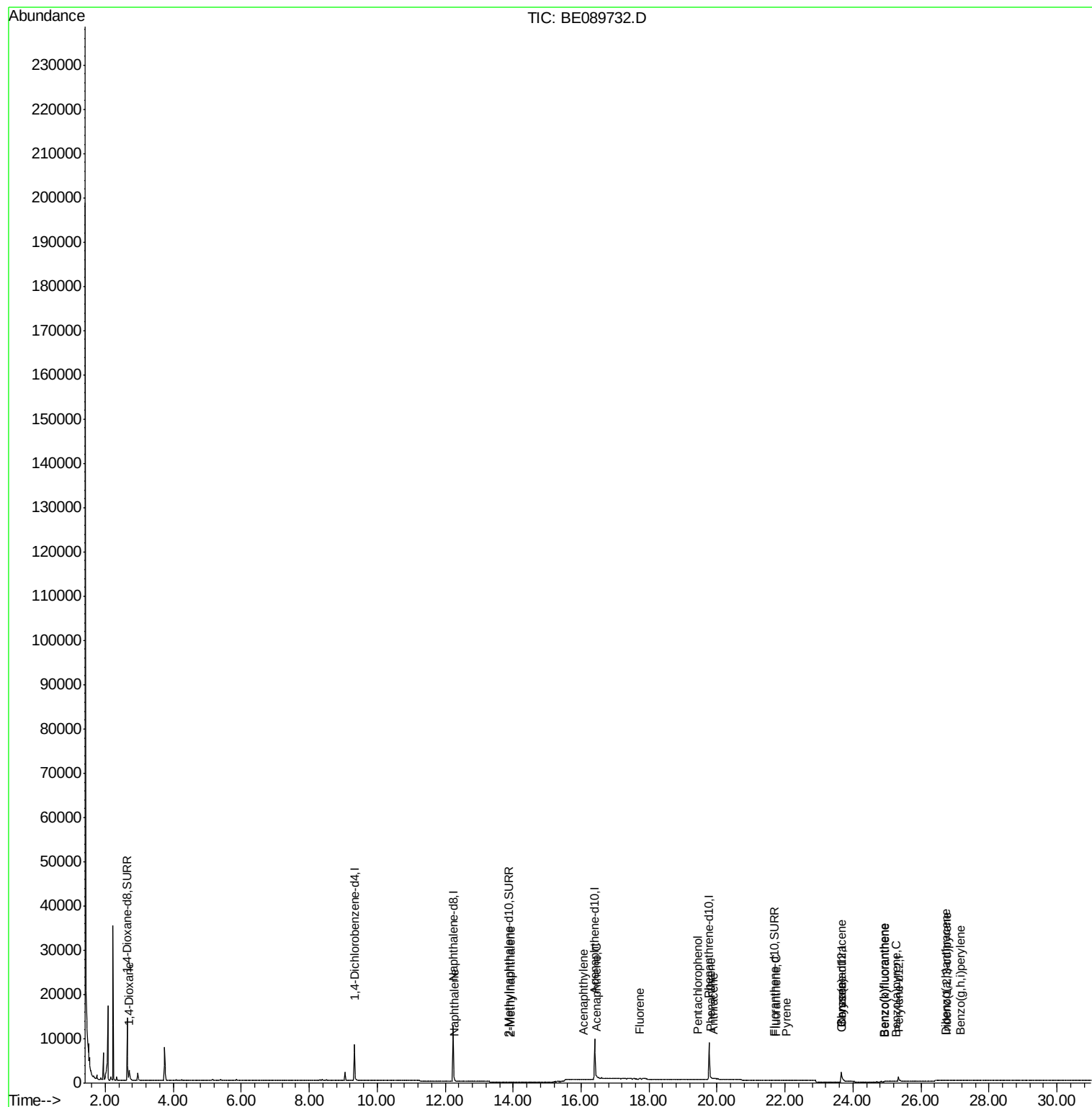
Target Compounds

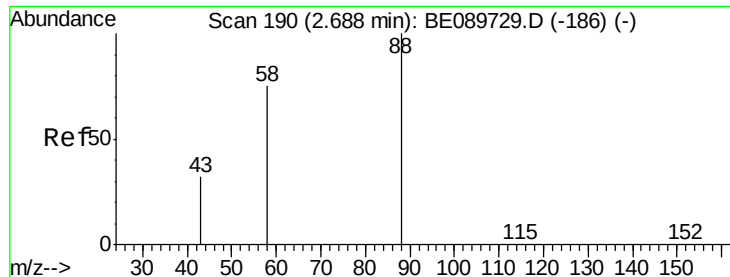
						Qvalue
3) 1,4-Dioxane	2.71	88	1820	0.31	ng/ul#	82
5) Naphthalene	12.28	128	19	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.93	142	1	0.00	ng/ul	83
9) Acenaphthylene	16.07	152	83	0.00	ng/ul#	1
10) Acenaphthene	16.46	153	300	0.00	ng/ul#	44
11) Fluorene	17.73	166	65	0.00	ng/ul#	49
13) Pentachlorophenol	19.43	266	7	0.01	ng/ul#	42
14) Phenanthrene	19.81	178	123	0.00	ng/ul#	1
15) Anthracene	19.91	178	68	0.00	ng/ul#	1
17) Fluoranthene	21.72	202	41	0.00	ng/ul#	1
19) Pyrene	22.04	202	53	0.00	ng/ul#	1
20) Benzo(a)anthracene	23.65	228	17	0.00	ng/ul#	1
21) Chrysene	23.68	228	19	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	24.92	252	14	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	24.94	252	4	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	26.76	276	28	0.00	ng/ul#	80
27) Dibenzo(a,h)anthracene	26.74	278	4	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	27.15	276	13	0.00	ng/ul#	1

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

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Data File : BE089732.D
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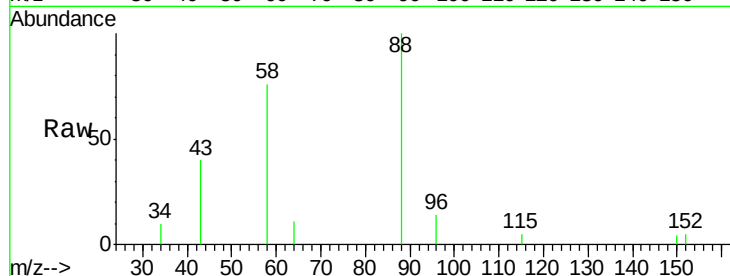
Quant Time: Mar 05 00:23:56 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 00:14:14 2015
Response via : Initial Calibration



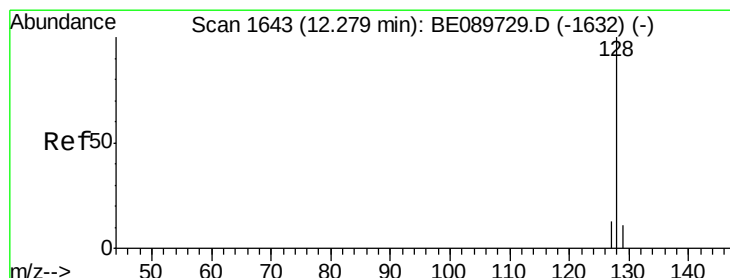
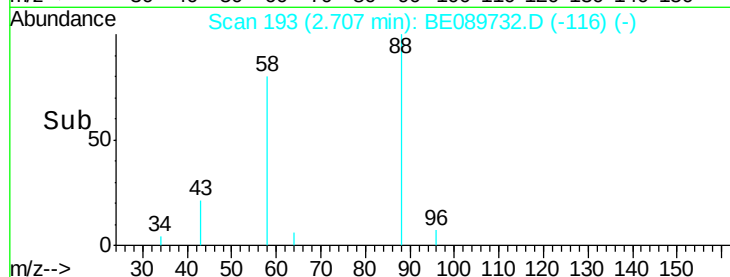
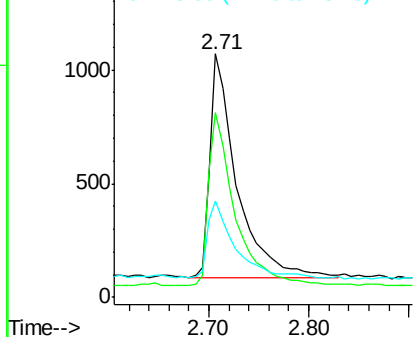


#3
1,4-Dioxane
Concen: 0.31 ng/ul
RT: 2.71 min Scan# 193
Delta R.T. 0.02 min
Lab File: BE089732.D
Acq: 4 Mar 2015 21:16

Tgt Ion: 88 Resp: 1820
Ion Ratio Lower Upper
88 100
58 77.1 61.3 91.9
43 0.0 26.1 39.1#

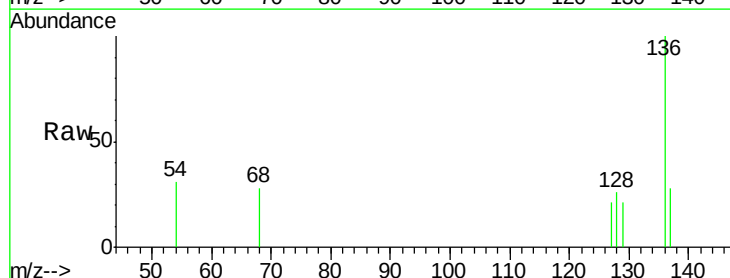


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0

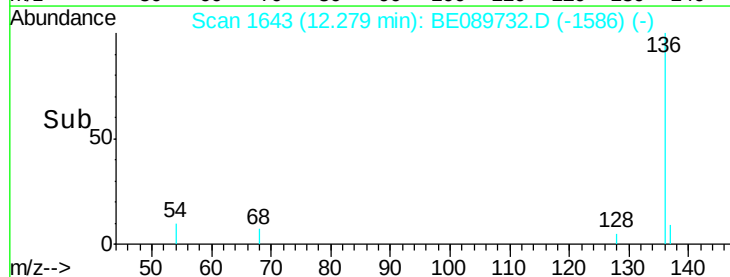
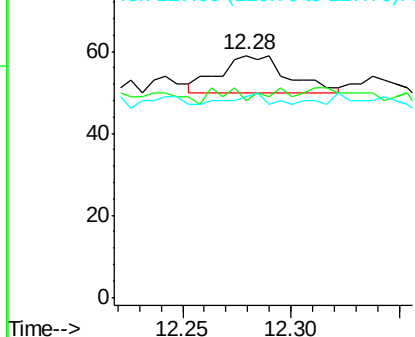


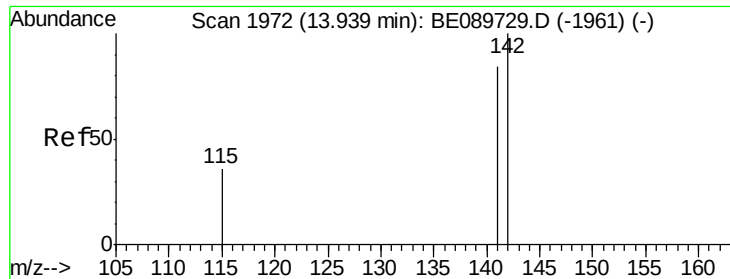
#5
Naphthalene
Concen: 0.00 ng/ul
RT: 12.28 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BE089732.D
Acq: 4 Mar 2015 21:16

Tgt Ion: 128 Resp: 19
Ion Ratio Lower Upper
128 100
129 81.4 9.0 13.6#
127 83.1 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: 13.93 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BE089732.D

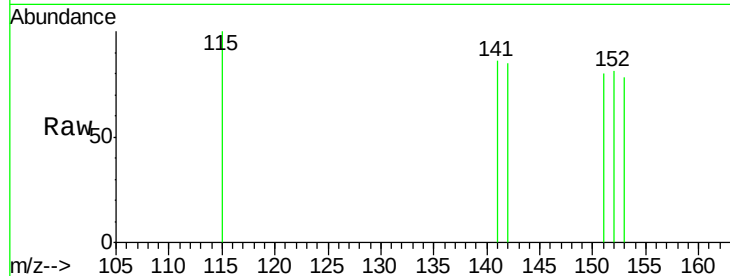
Acq: 4 Mar 2015 21:16

Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

142 100

141 100.0 67.4 101.0

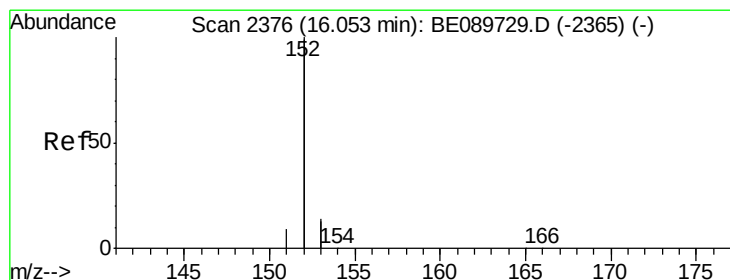
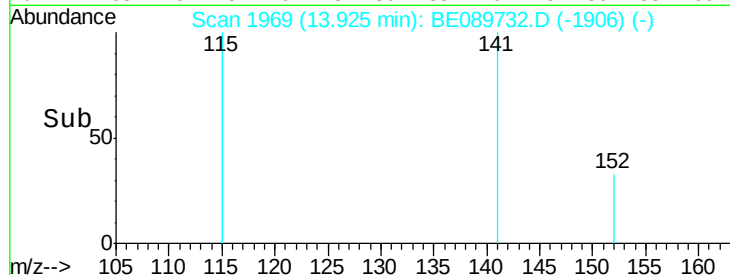


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

13.93

Time--> 13.91 13.92 13.93



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 16.07 min Scan# 2378

Delta R.T. 0.02 min

Lab File: BE089732.D

Acq: 4 Mar 2015 21:16

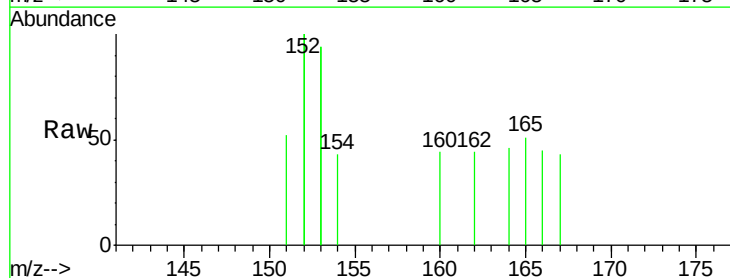
Tgt Ion:152 Resp: 83

Ion Ratio Lower Upper

152 100

151 26.1 3.8 5.8#

153 93.9 11.4 17.0#



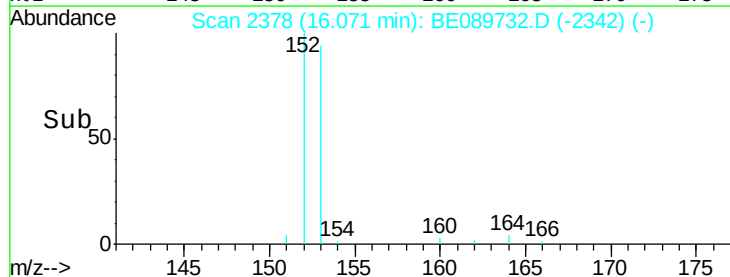
Abundance Ion 152.00 (151.70 to 152.70): E

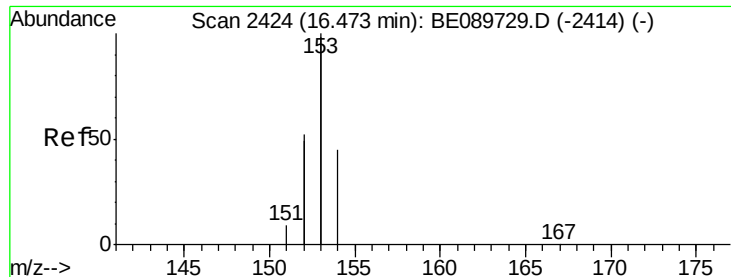
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

16.07

Time--> 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: BE089732.D

Acq: 4 Mar 2015 21:16

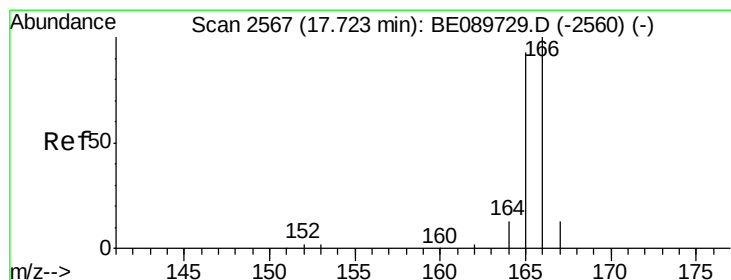
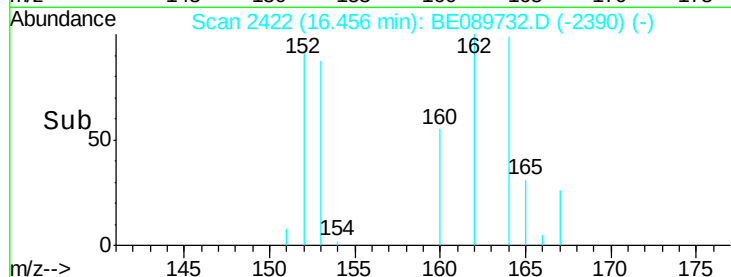
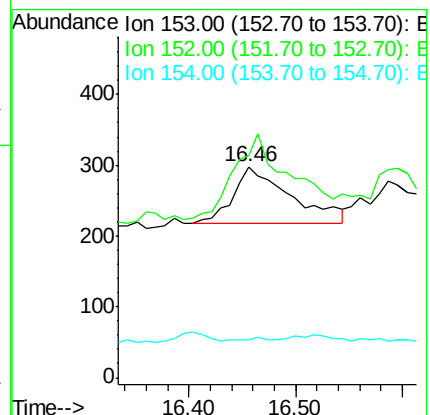
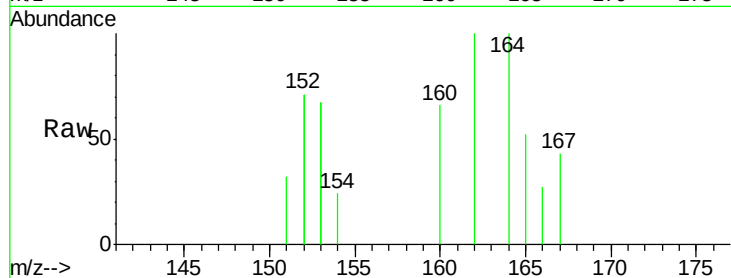
Tgt Ion:153 Resp: 300

Ion Ratio Lower Upper

153 100

152 105.4 41.2 61.8#

154 18.1 18.2 27.2#



#11

Fluorene

Concen: 0.00 ng/ul

RT: 17.73 min Scan# 2568

Delta R.T. 0.01 min

Lab File: BE089732.D

Acq: 4 Mar 2015 21:16

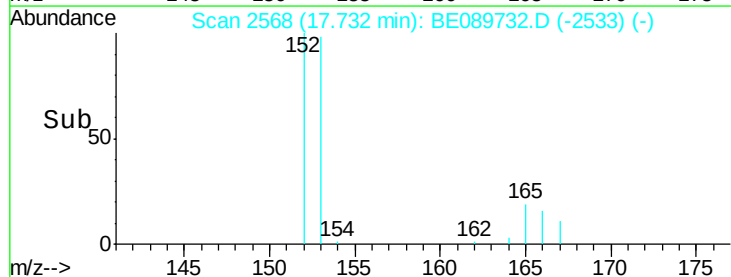
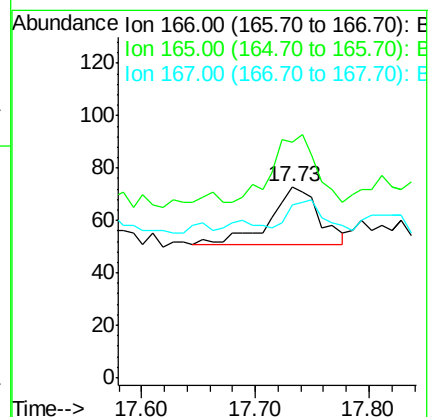
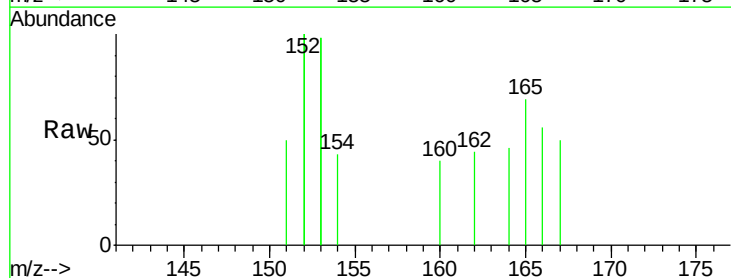
Tgt Ion:166 Resp: 65

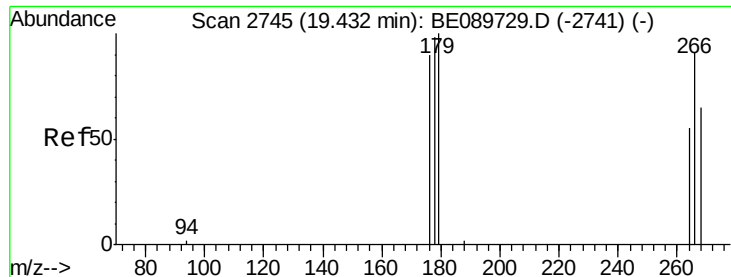
Ion Ratio Lower Upper

166 100

165 123.3 74.9 112.3#

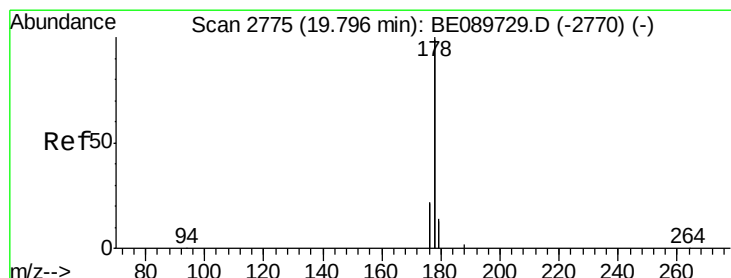
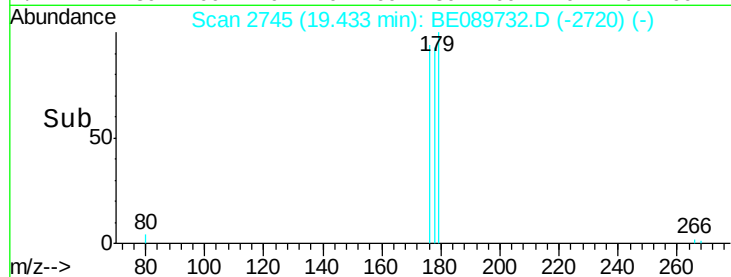
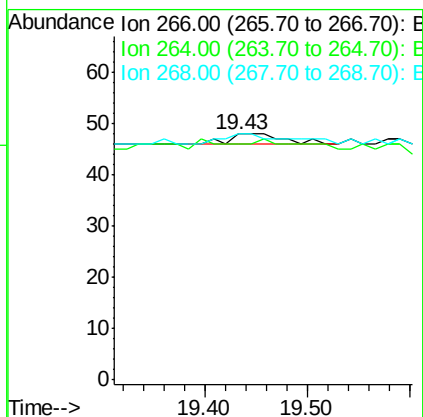
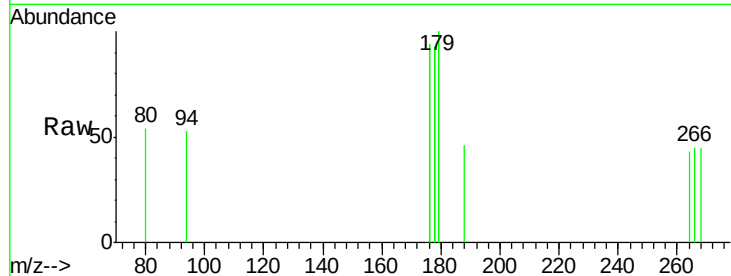
167 90.4 11.5 17.3#





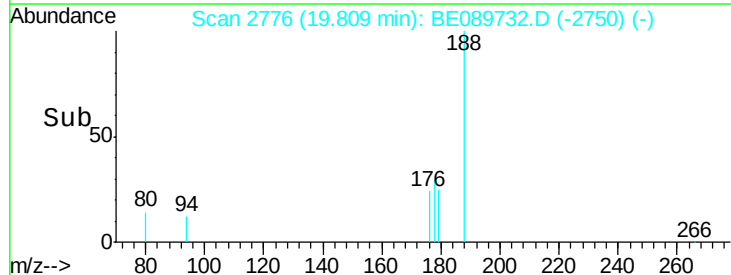
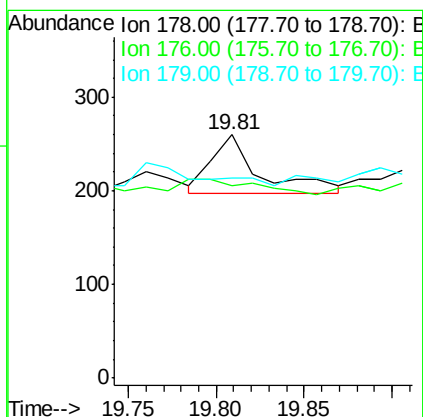
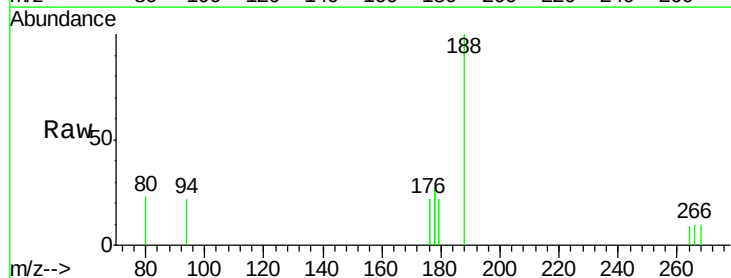
#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 19.43 min Scan# 2745
 Delta R.T. 0.00 min
 Lab File: BE089732.D
 Acq: 4 Mar 2015 21:16

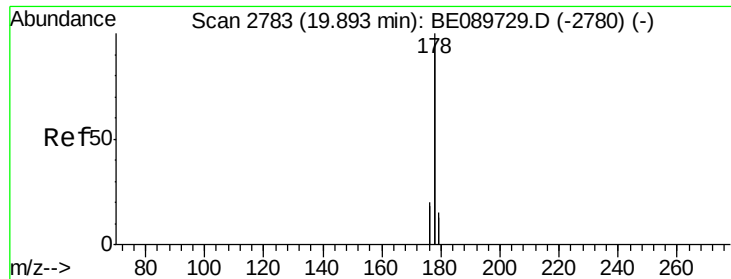
Tgt Ion: 266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.4 74.2#
 268 85.7 47.9 71.9#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 19.81 min Scan# 2776
 Delta R.T. 0.01 min
 Lab File: BE089732.D
 Acq: 4 Mar 2015 21:16

Tgt Ion: 178 Resp: 123
 Ion Ratio Lower Upper
 178 100
 176 79.2 17.6 26.4#
 179 82.3 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: BE089732.D

Acq: 4 Mar 2015 21:16

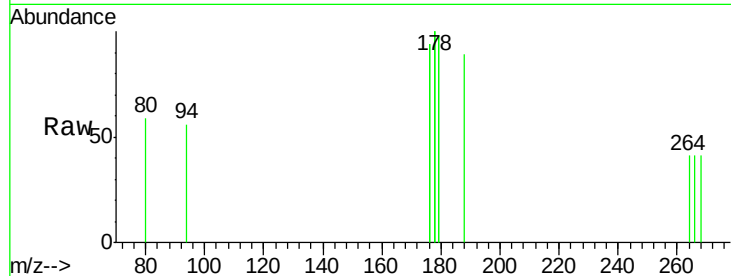
Tgt Ion:178 Resp: 68

Ion Ratio Lower Upper

178 100

176 93.7 15.8 23.6#

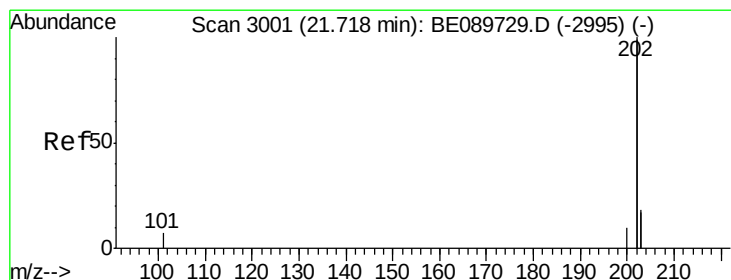
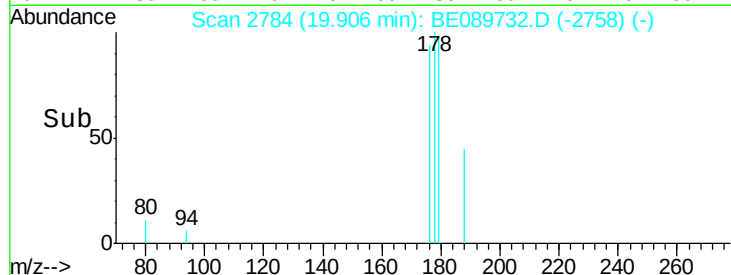
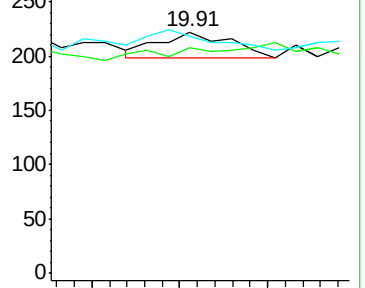
179 98.2 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 21.72 min Scan# 3002

Delta R.T. 0.01 min

Lab File: BE089732.D

Acq: 4 Mar 2015 21:16

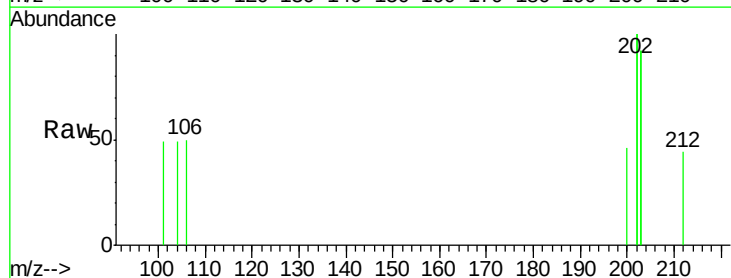
Tgt Ion:202 Resp: 41

Ion Ratio Lower Upper

202 100

101 24.3 0.0 24.2#

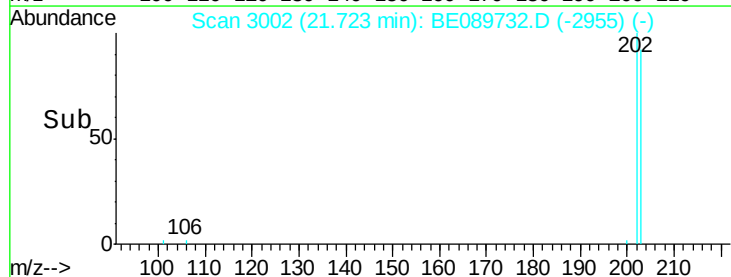
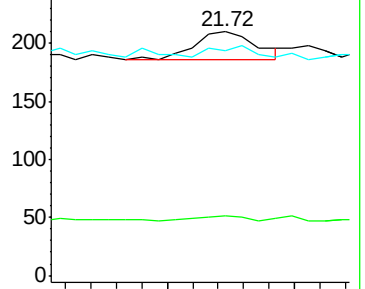
203 92.4 0.0 37.0#

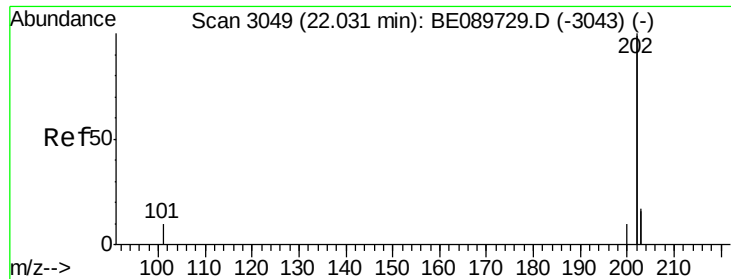


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.00 ng/ul

RT: 22.04 min Scan# 3050

Delta R.T. 0.01 min

Lab File: BE089732.D

Acq: 4 Mar 2015 21:16

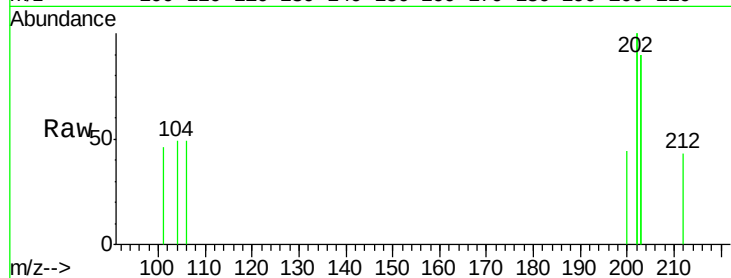
Tgt Ion: 202 Resp: 53

Ion Ratio Lower Upper

202 100

200 22.0 4.4 6.6#

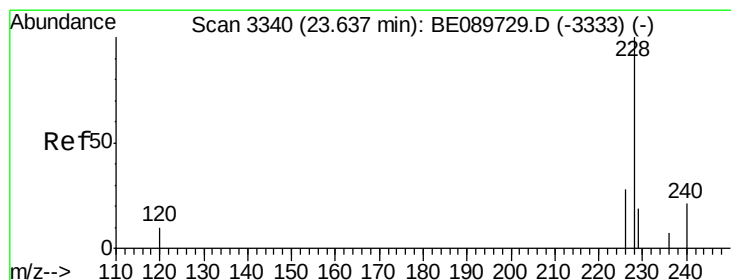
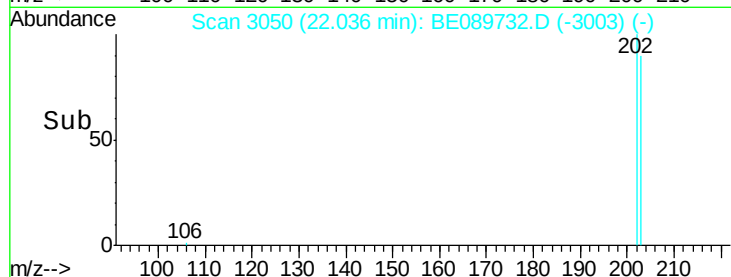
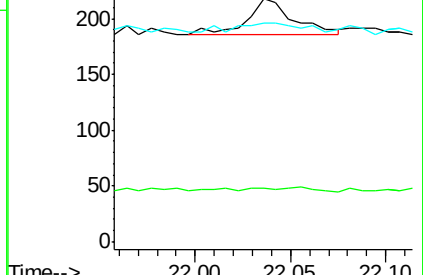
203 89.9 13.6 20.4#



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: BE089732.D

Acq: 4 Mar 2015 21:16

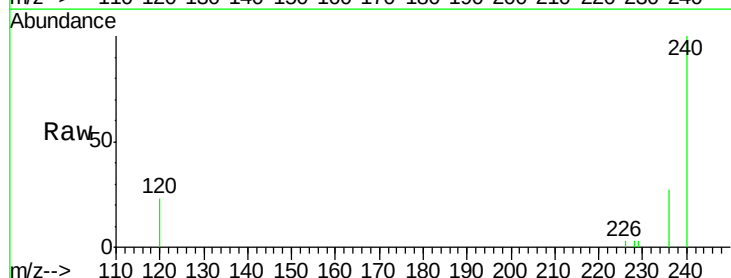
Tgt Ion: 228 Resp: 17

Ion Ratio Lower Upper

228 100

226 85.2 22.8 34.2#

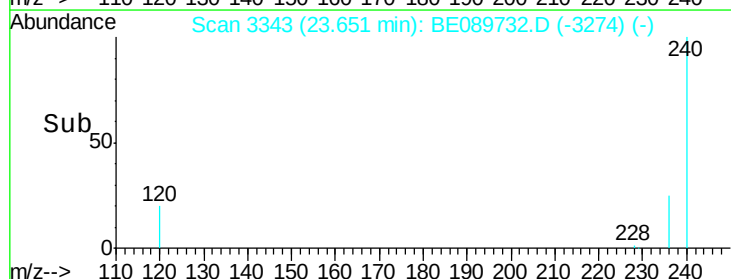
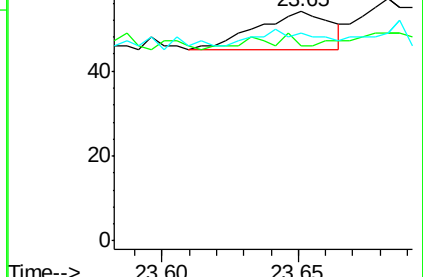
229 90.7 16.2 24.2#

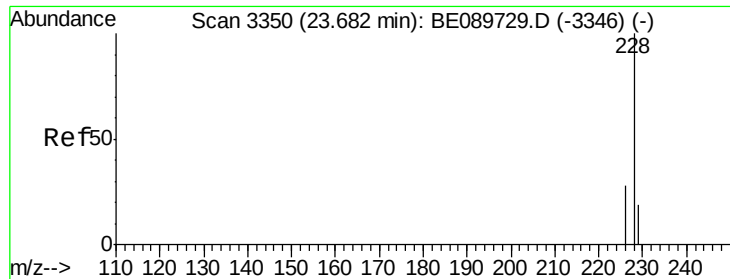


Abundance Ion 228.00 (227.70 to 228.70): E

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

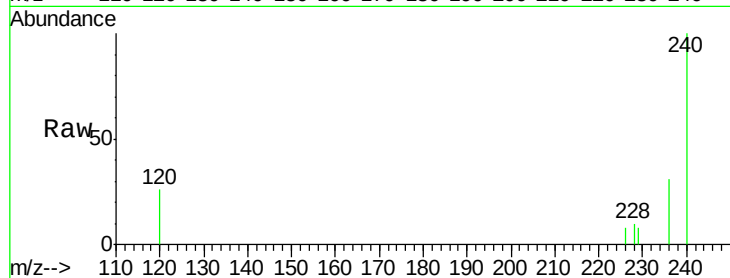
Delta R.T. 0.00 min

Lab File: BE089732.D

Acq: 4 Mar 2015 21:16

Tgt Ion: 228 Resp: 19

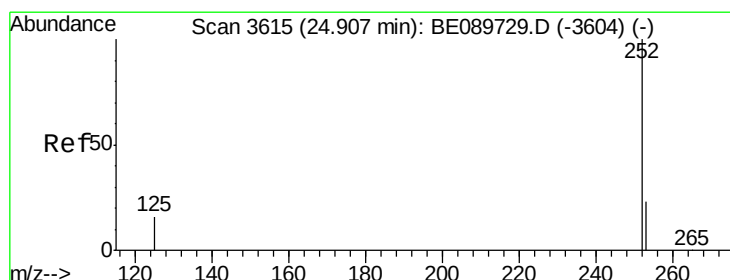
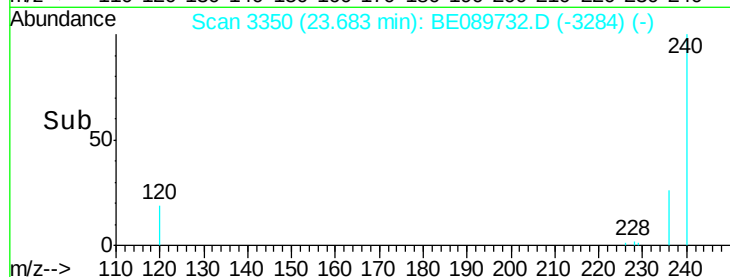
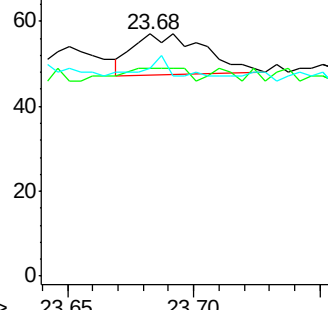
Ion	Ratio	Lower	Upper
228	100		
226	86.0	23.7	35.5#
229	86.0	15.5	23.3#



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

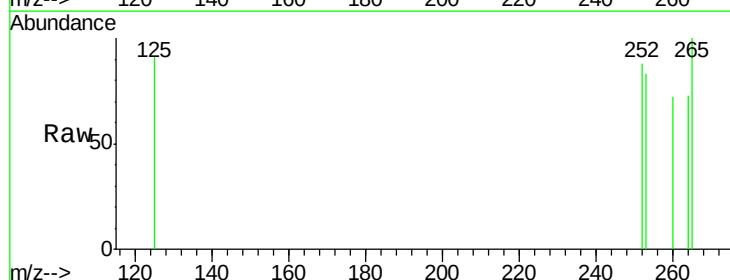
Delta R.T. 0.01 min

Lab File: BE089732.D

Acq: 4 Mar 2015 21:16

Tgt Ion: 252 Resp: 14

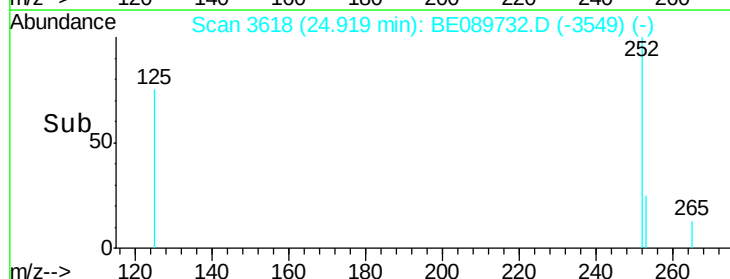
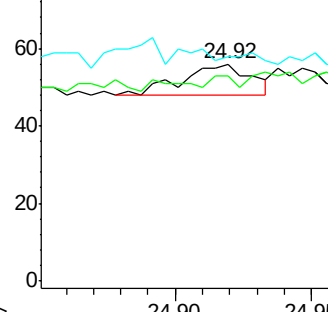
Ion	Ratio	Lower	Upper
252	100		
253	94.6	0.0	47.0#
125	103.6	0.0	37.8#

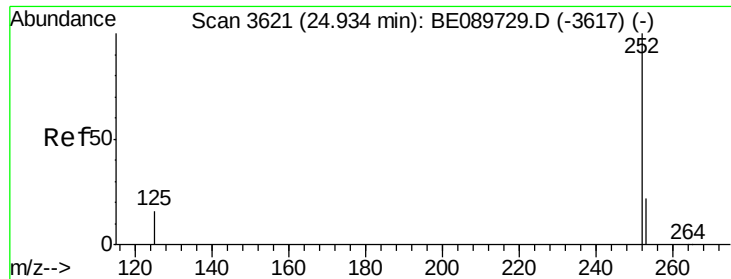


Abundance Ion 252.00 (251.70 to 252.70): E

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

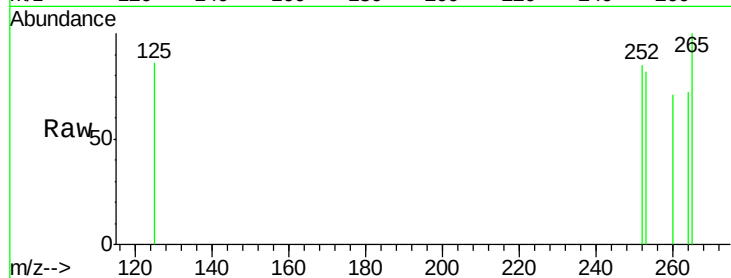
RT: 24.94 min Scan# 3622

Delta R.T. 0.00 min

Lab File: BE089732.D

Acq: 4 Mar 2015 21:16

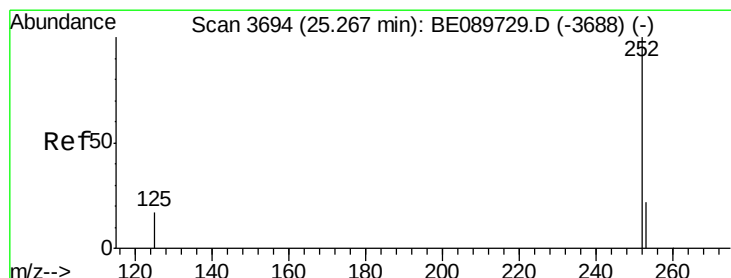
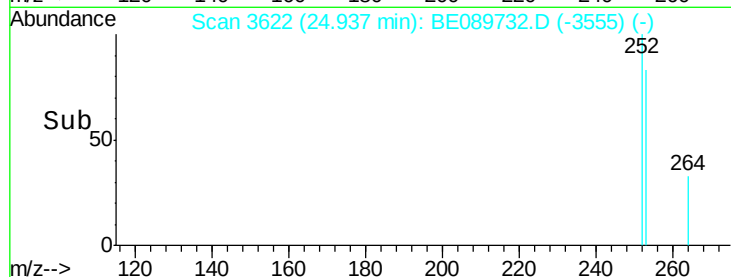
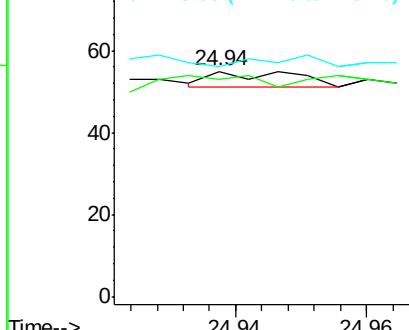
Tgt Ion:	252	Resp:	4
Ion	Ratio	Lower	Upper
252	100		
253	96.4	18.2	27.4#
125	101.8	14.6	22.0#



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

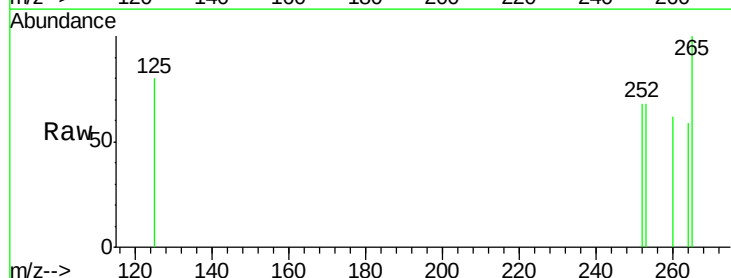
RT: 25.27 min Scan# 3696

Delta R.T. 0.01 min

Lab File: BE089732.D

Acq: 4 Mar 2015 21:16

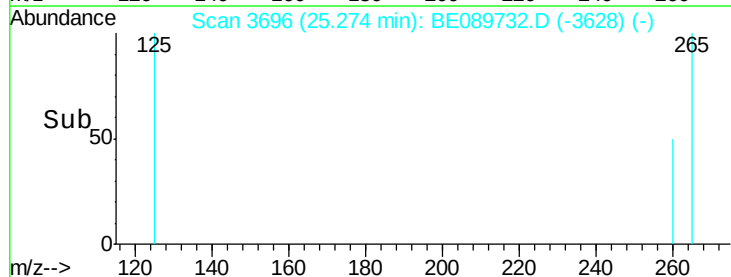
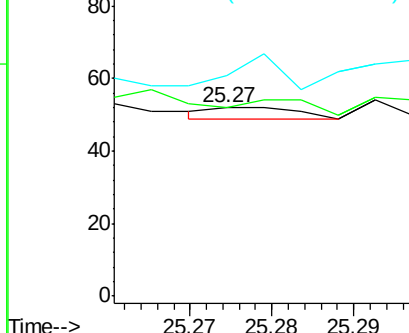
Tgt Ion:	252	Resp:	2
Ion	Ratio	Lower	Upper
252	100		
253	100.0	19.8	29.6#
125	117.3	16.0	24.0#

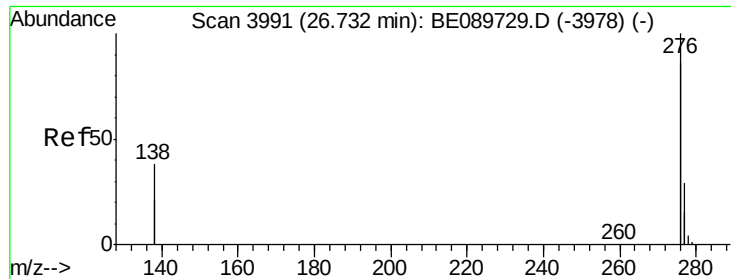


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

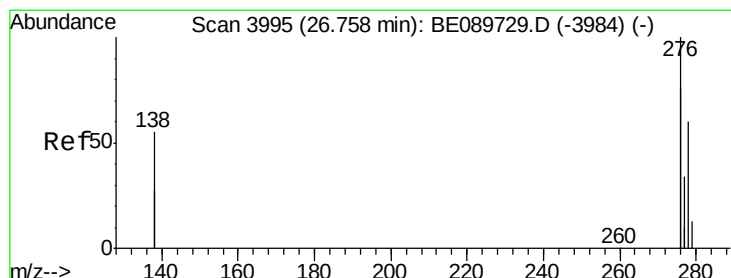
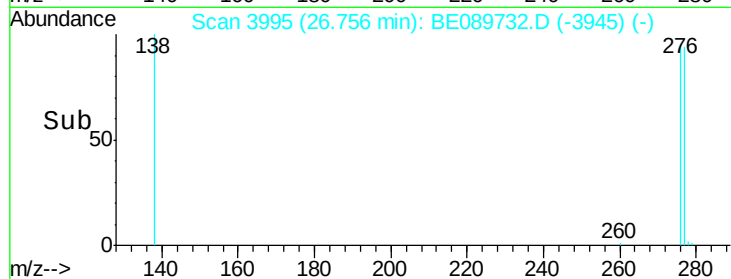
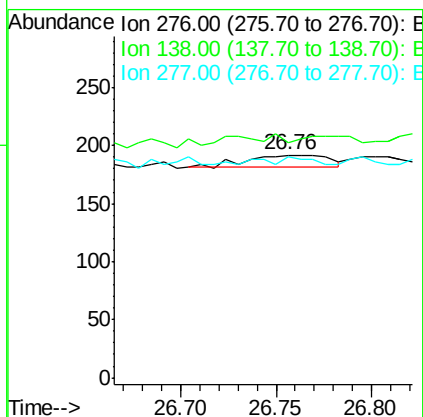
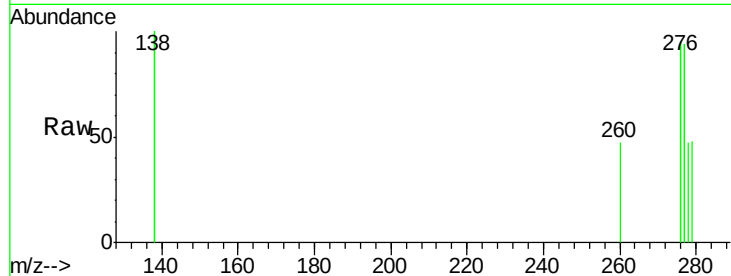
Ion 125.00 (124.70 to 125.70): E





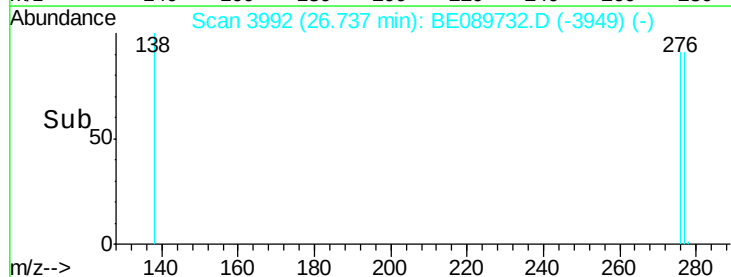
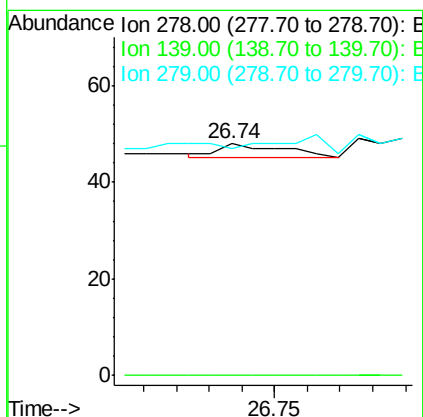
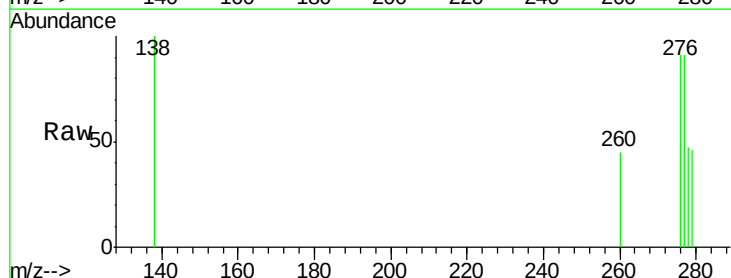
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng/ul
 RT: 26.76 min Scan# 3995
 Delta R.T. 0.02 min
 Lab File: BE089732.D
 Acq: 4 Mar 2015 21:16

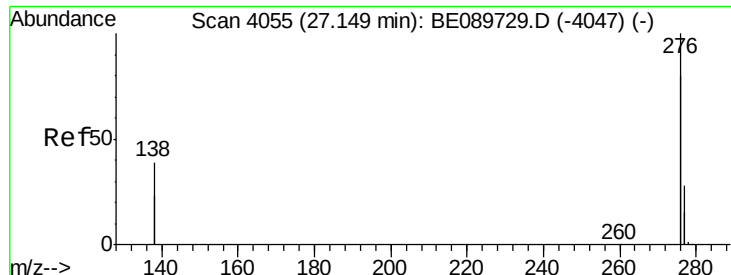
Tgt Ion: 276 Resp: 28
 Ion Ratio Lower Upper
 276 100
 138 60.7 36.8 55.2#
 277 17.9 20.6 31.0#



#27
 Dibenzo(a,h)anthracene
 Concen: 0.00 ng/ul
 RT: 26.74 min Scan# 3992
 Delta R.T. -0.02 min
 Lab File: BE089732.D
 Acq: 4 Mar 2015 21:16

Tgt Ion: 278 Resp: 4
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 97.9 25.4 38.2#





#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: BE089732.D

Acq: 4 Mar 2015 21:16

Tgt Ion: 276 Resp: 13

Ion Ratio Lower Upper

276 100

277 96.9 21.4 32.2#

138 105.2 31.4 47.0#

