

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
 Data File : BE089745.D
 Acq On : 5 Mar 2015 15:34
 Operator : TP/JJ
 Sample : MDL-03-S
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 06 09:40:22 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 : 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	4218	0.40	ng/ul	0.00
4) Naphthalene-d8	12.24	136	17568	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	7707	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	13410	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	6392	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	3100	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	2.64	96	10266	1.85	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.87	152	2	0.00	ng/ul	0.00
16) Fluoranthene-d10	21.68	212	13	0.00	ng/ul	0.00

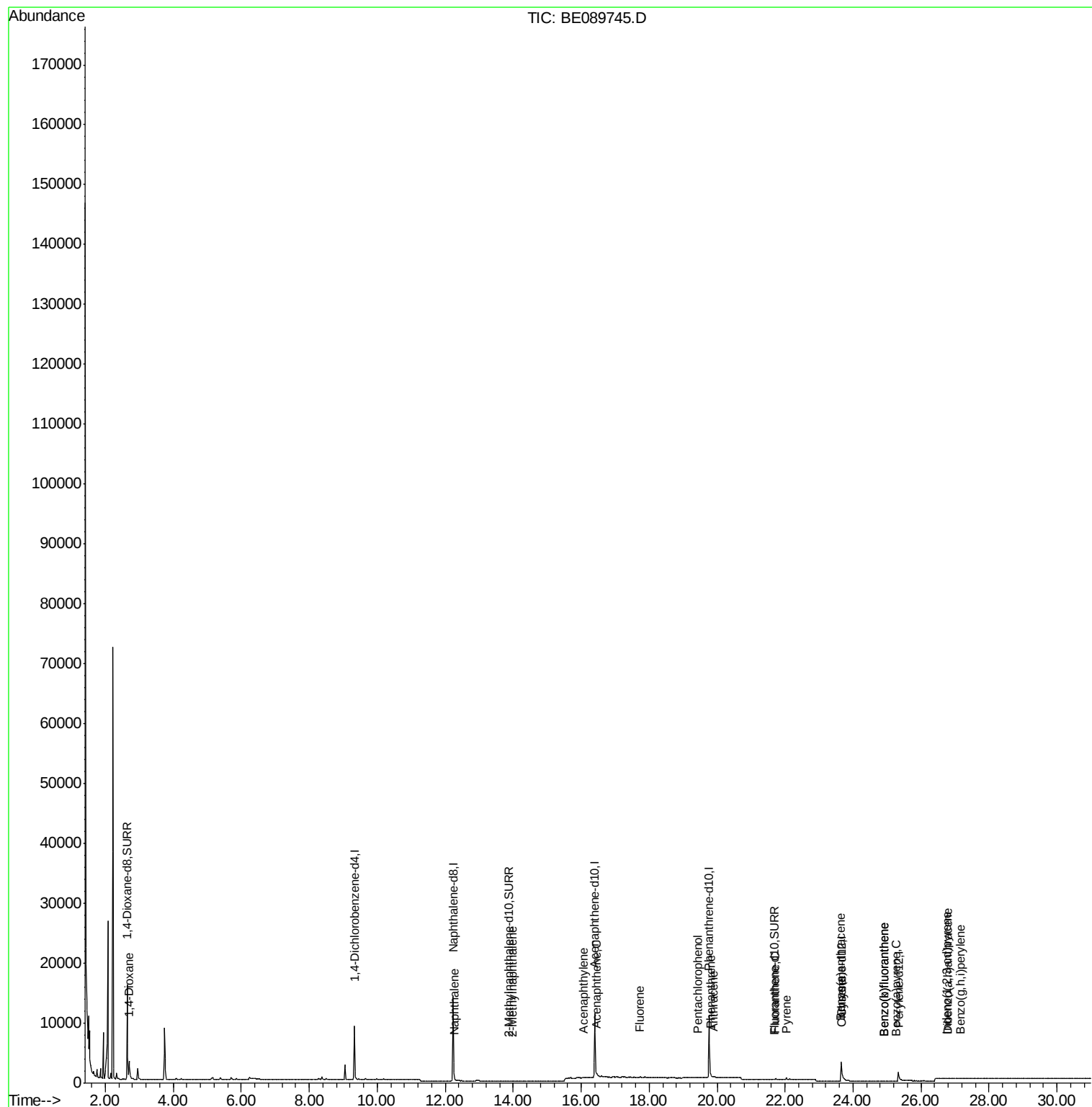
Target Compounds

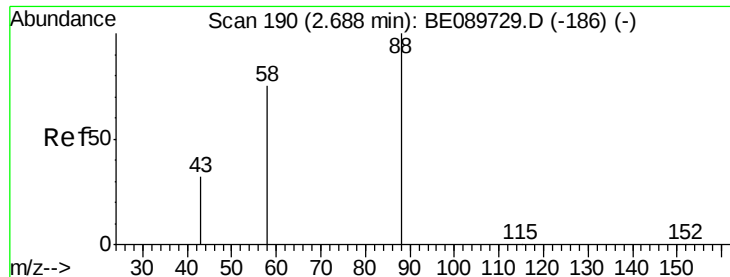
						Qvalue
3) 1,4-Dioxane	2.71	88	2553	0.40	ng/ul#	81
5) Naphthalene	12.28	128	32	0.00	ng/ul#	1
7) 2-Methylnaphthalene	14.00	142	2	0.00	ng/ul	83
9) Acenaphthylene	16.06	152	76	0.00	ng/ul#	1
10) Acenaphthene	16.46	153	350	0.00	ng/ul#	37
11) Fluorene	17.73	166	69	0.00	ng/ul#	38
13) Pentachlorophenol	19.43	266	20	0.04	ng/ul#	68
14) Phenanthrene	19.81	178	346	0.00	ng/ul#	1
15) Anthracene	19.91	178	182	0.00	ng/ul#	1
17) Fluoranthene	21.72	202	275	0.00	ng/ul#	6
19) Pyrene	22.04	202	300	0.00	ng/ul#	17
20) Benzo(a)anthracene	23.64	228	36	0.00	ng/ul#	1
21) Chrysene	23.68	228	32	0.00	ng/ul#	2
23) Benzo(b)fluoranthene	24.90	252	21	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	24.90	252	21	0.00	ng/ul#	1
25) Benzo(a)pyrene	25.25	252	3	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	26.76	276	41	0.00	ng/ul#	37
27) Dibenzo(a,h)anthracene	26.78	278	11	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	27.17	276	59	0.00	ng/ul#	1

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

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Quant Time: Mar 06 09:40:22 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 : Wed Mar 04 14:17:55 2015
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#3

1,4-Dioxane

Concen: 0.40 ng/ul

RT: 2.71 min Scan# 193

Delta R.T. 0.02 min

Lab File: BE089745.D

Acq: 5 Mar 2015 15:34

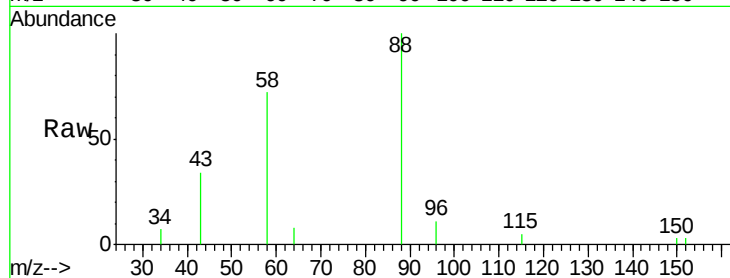
Tgt Ion: 88 Resp: 2553

Ion Ratio Lower Upper

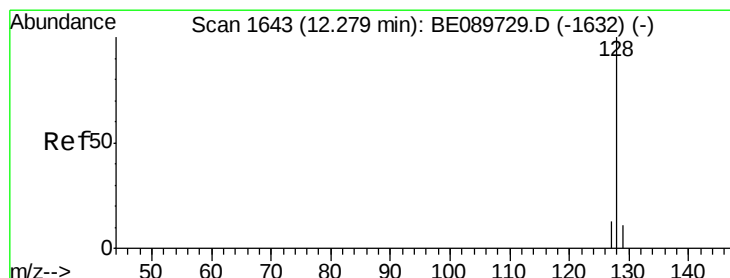
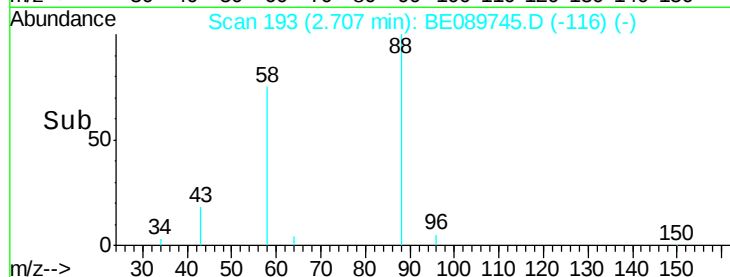
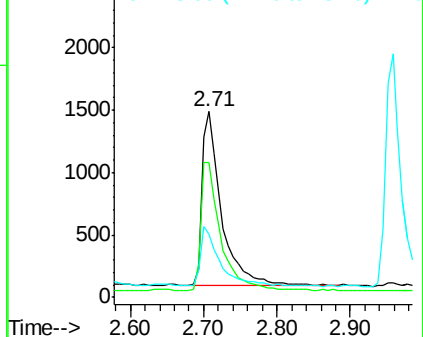
88 100

58 75.0 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. 0.00 min

Lab File: BE089745.D

Acq: 5 Mar 2015 15:34

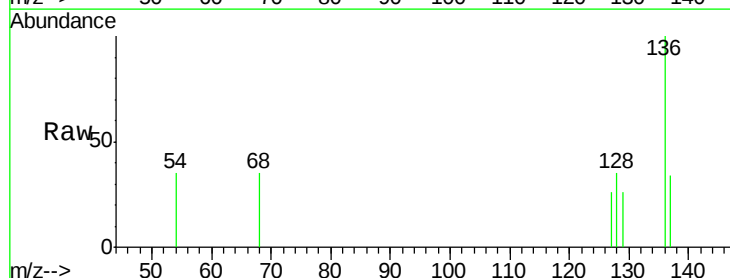
Tgt Ion: 128 Resp: 32

Ion Ratio Lower Upper

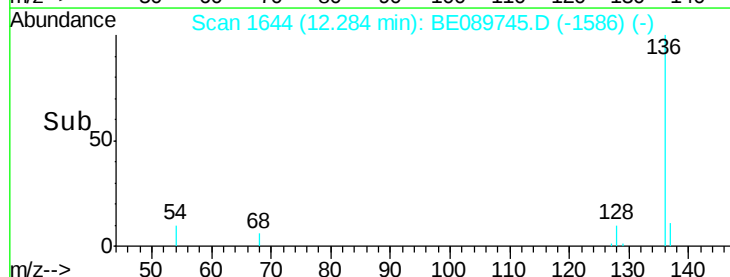
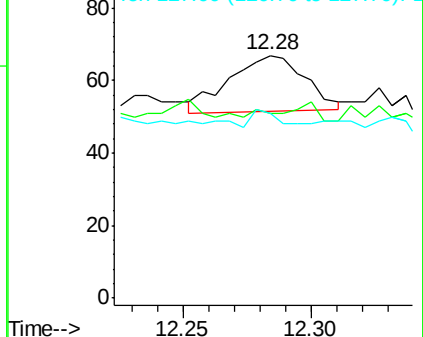
128 100

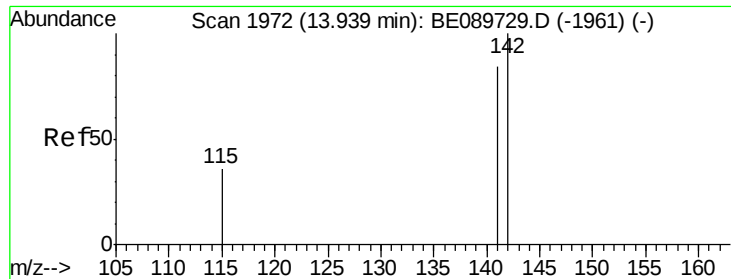
129 76.1 9.0 13.6#

127 76.1 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: 14.00 min Scan# 1986

Delta R.T. 0.06 min

Lab File: BE089745.D

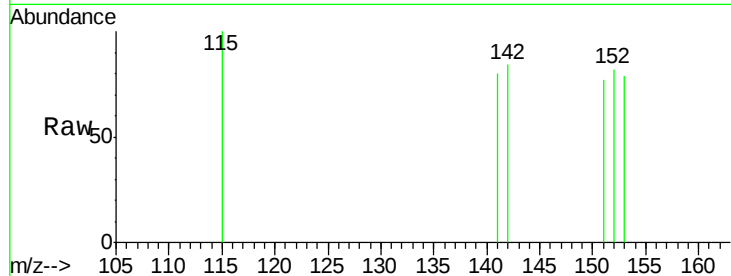
Acq: 5 Mar 2015 15:34

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

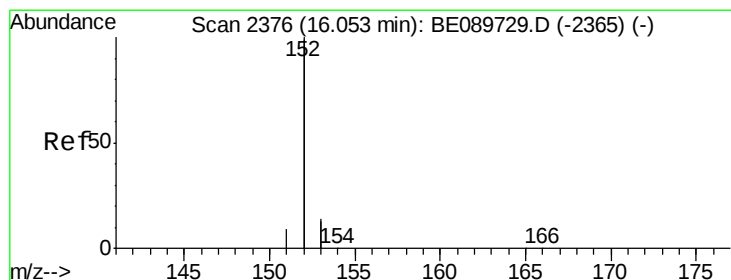
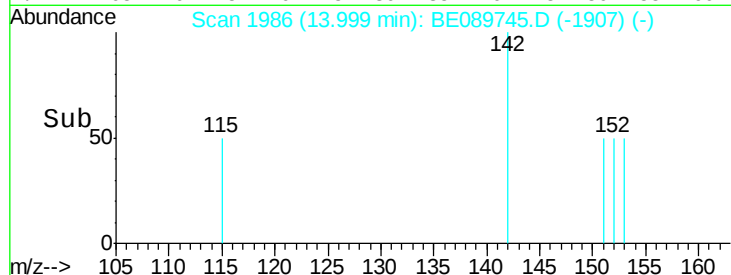
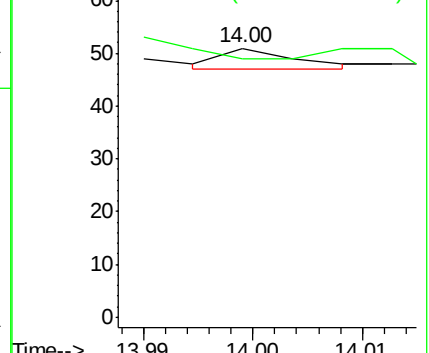
142 100

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



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 16.06 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BE089745.D

Acq: 5 Mar 2015 15:34

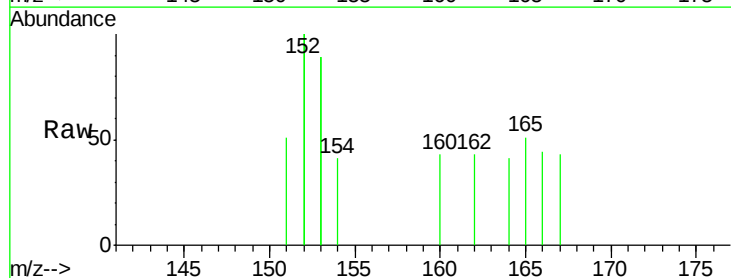
Tgt Ion:152 Resp: 76

Ion Ratio Lower Upper

152 100

151 25.4 3.8 5.8#

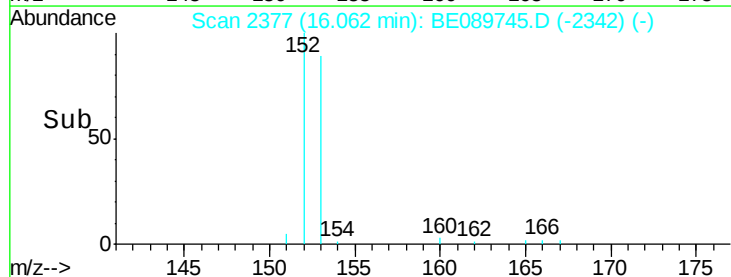
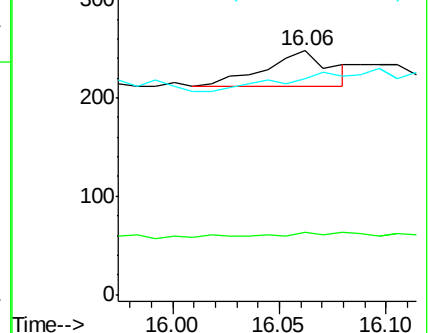
153 88.7 11.4 17.0#

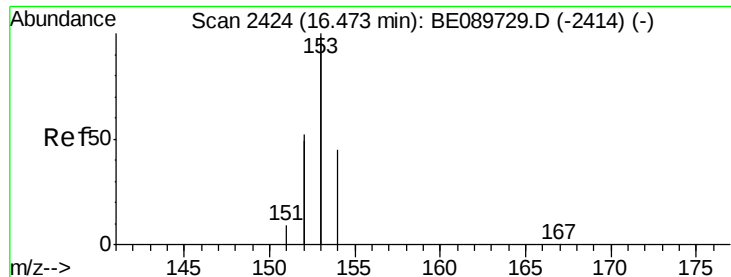


Abundance Ion 152.00 (151.70 to 152.70): E

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

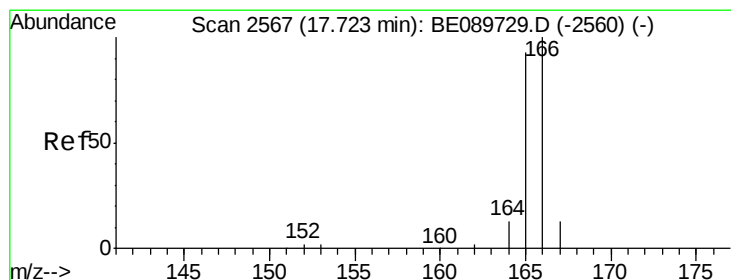
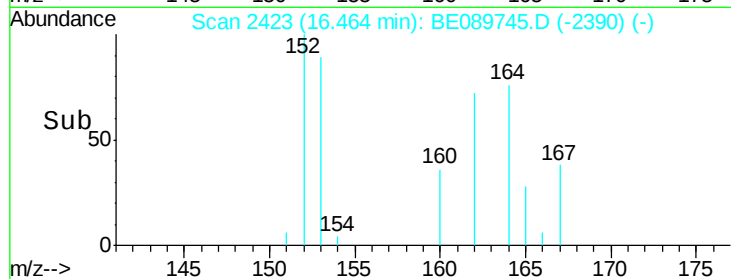
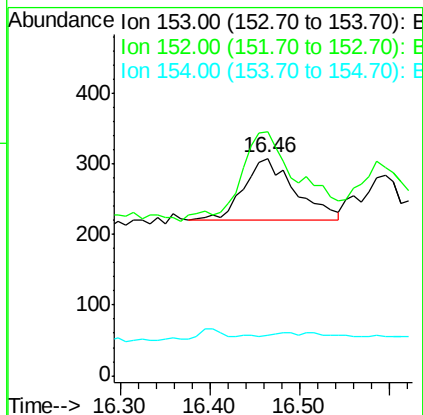
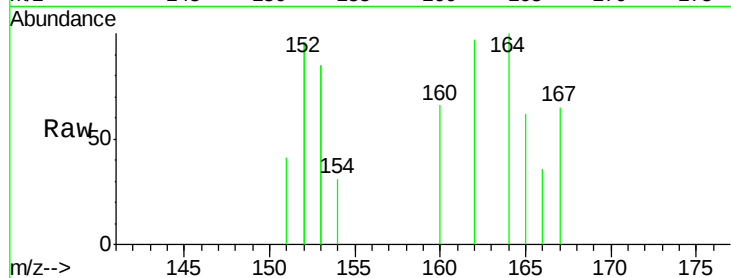
RT: 16.46 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BE089745.D

Acq: 5 Mar 2015 15:34

Tgt Ion:	153	Resp:	350
Ion	Ratio	Lower	Upper
153	100		
152	112.3	41.2	61.8#
154	18.5	18.2	27.2



#11

Fluorene

Concen: 0.00 ng/ul

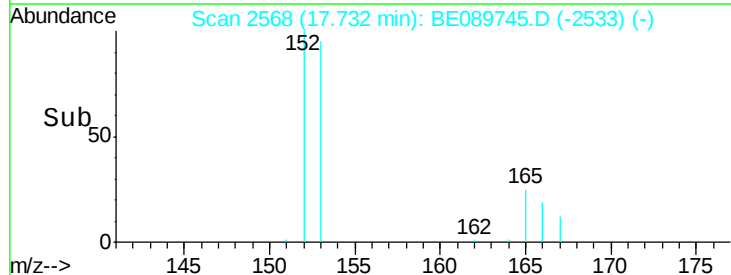
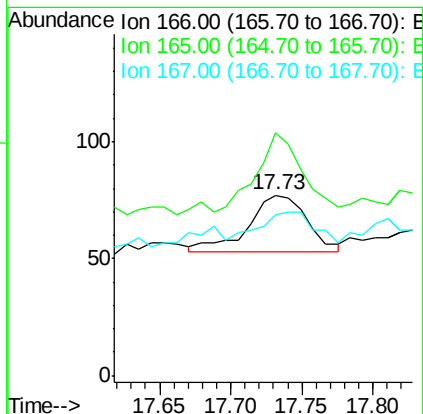
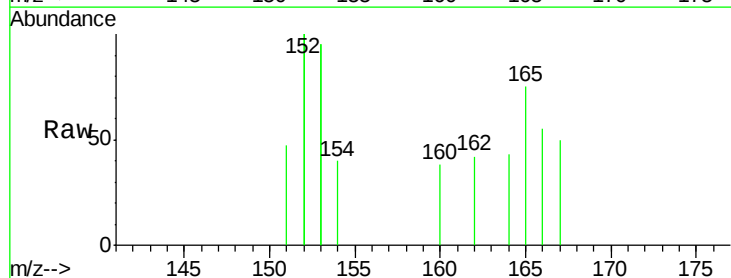
RT: 17.73 min Scan# 2568

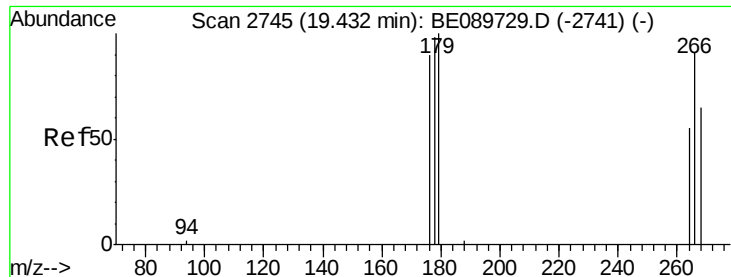
Delta R.T. 0.01 min

Lab File: BE089745.D

Acq: 5 Mar 2015 15:34

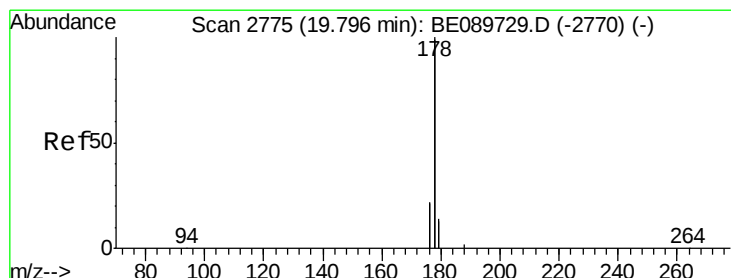
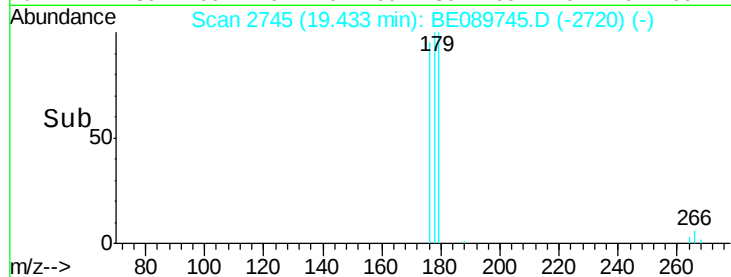
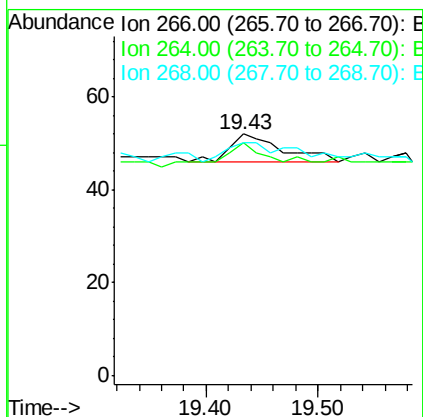
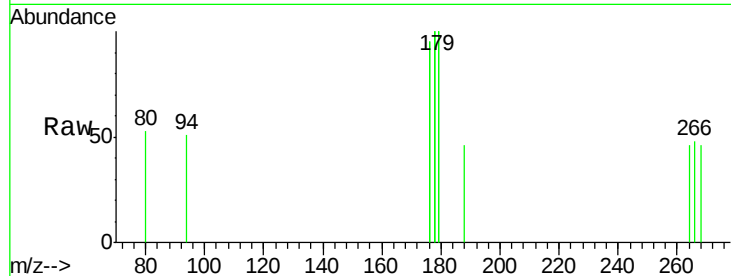
Tgt Ion:	166	Resp:	69
Ion	Ratio	Lower	Upper
166	100		
165	135.1	74.9	112.3#
167	89.6	11.5	17.3#





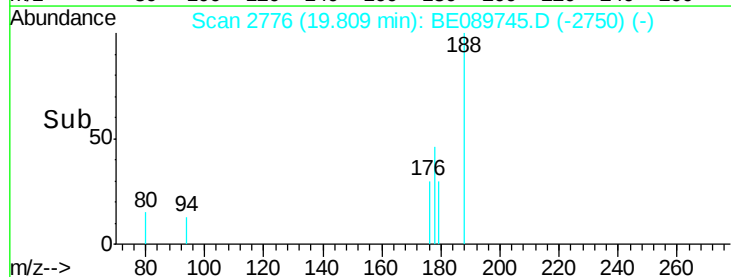
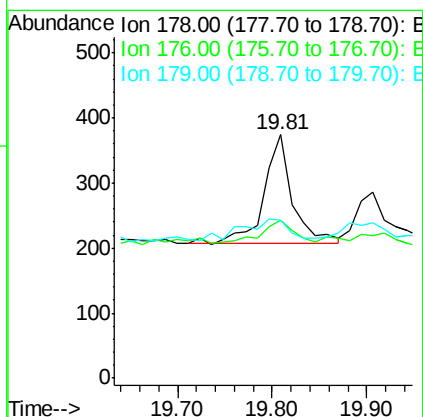
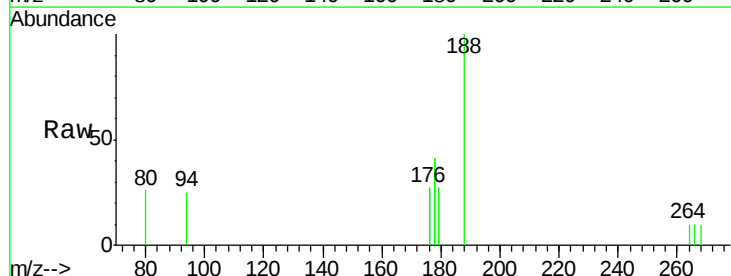
#13
 Pentachlorophenol
 Concen: 0.04 ng/ul
 RT: 19.43 min Scan# 2745
 Delta R.T. 0.00 min
 Lab File: BE089745.D
 Acq: 5 Mar 2015 15:34

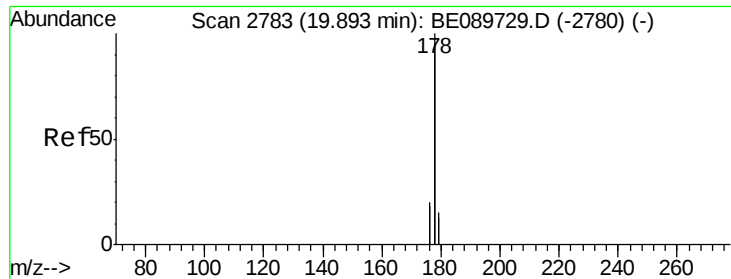
Tgt Ion: 266 Resp: 20
 Ion Ratio Lower Upper
 266 100
 264 80.0 49.4 74.2#
 268 90.0 47.9 71.9#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 19.81 min Scan# 2776
 Delta R.T. 0.01 min
 Lab File: BE089745.D
 Acq: 5 Mar 2015 15:34

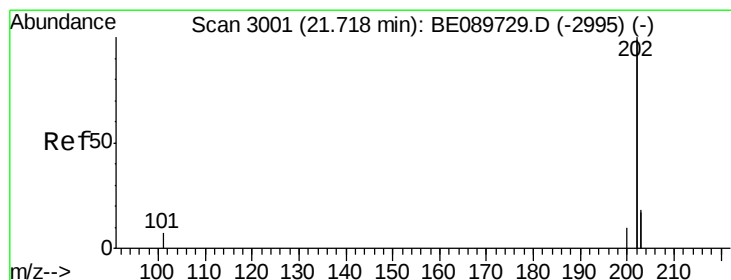
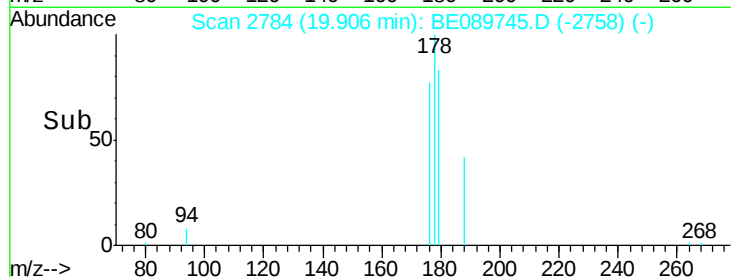
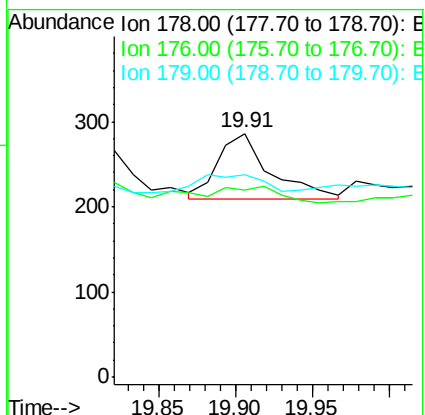
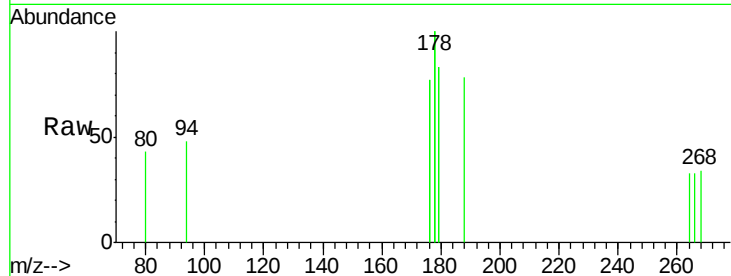
Tgt Ion: 178 Resp: 346
 Ion Ratio Lower Upper
 178 100
 176 64.7 17.6 26.4#
 179 64.7 11.6 17.4#





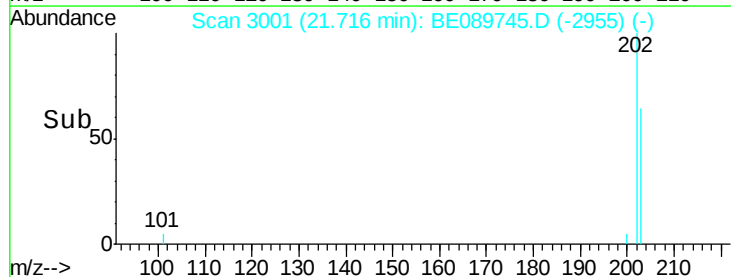
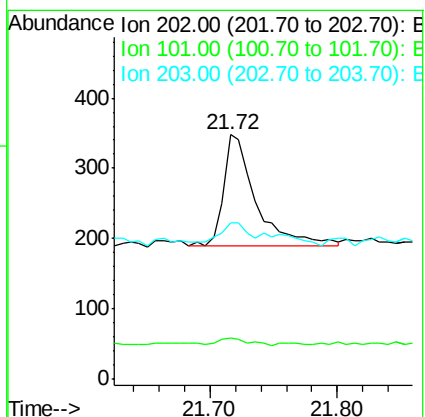
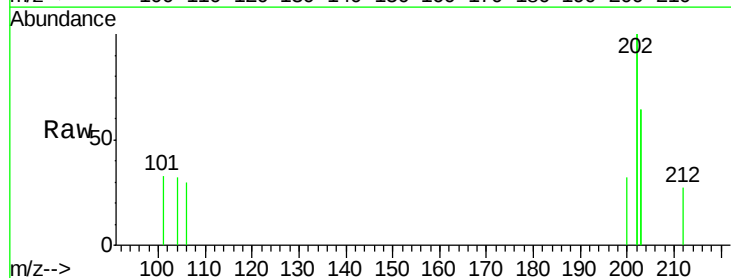
#15
 Anthracene
 Concen: 0.00 ng/ul
 RT: 19.91 min Scan# 2784
 Delta R.T. 0.01 min
 Lab File: BE089745.D
 Acq: 5 Mar 2015 15:34

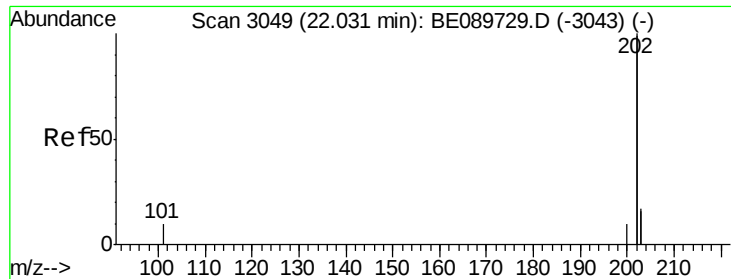
Tgt Ion:178 Resp: 182
 Ion Ratio Lower Upper
 178 100
 176 76.9 15.8 23.6#
 179 83.2 12.0 18.0#



#17
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 21.72 min Scan# 3001
 Delta R.T. -0.00 min
 Lab File: BE089745.D
 Acq: 5 Mar 2015 15:34

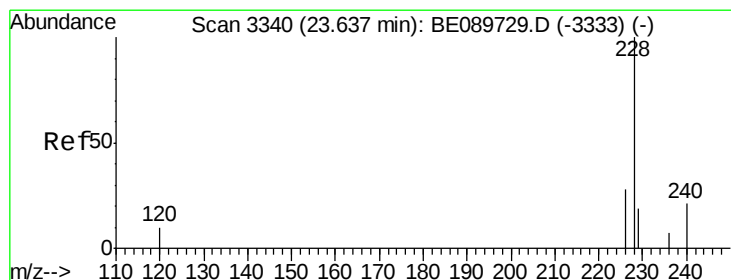
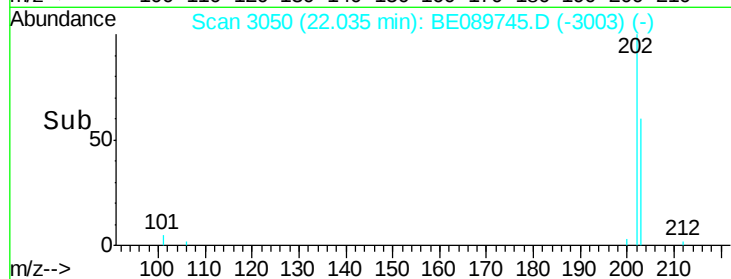
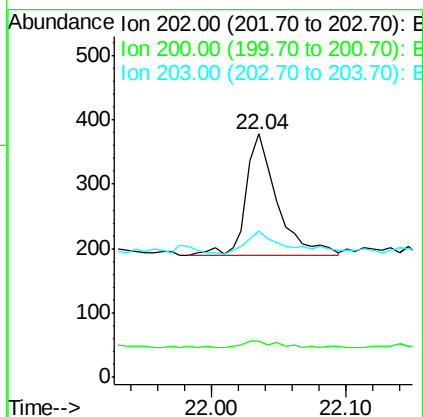
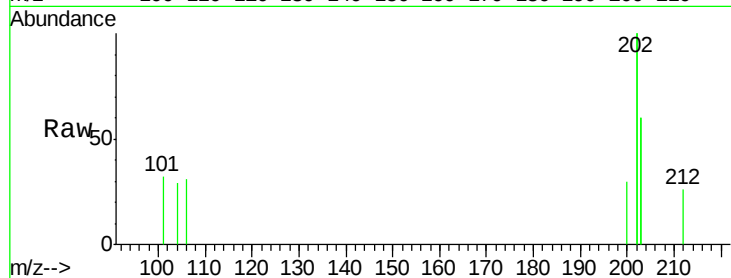
Tgt Ion:202 Resp: 275
 Ion Ratio Lower Upper
 202 100
 101 16.7 0.0 24.2
 203 63.8 0.0 37.0#





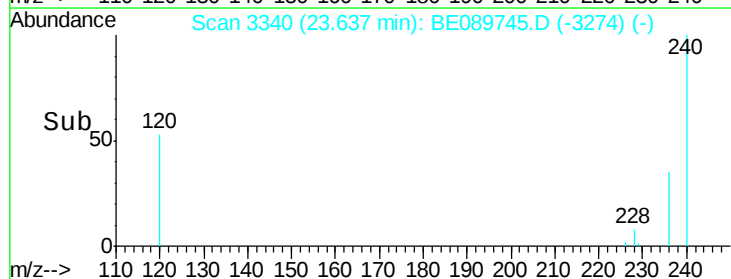
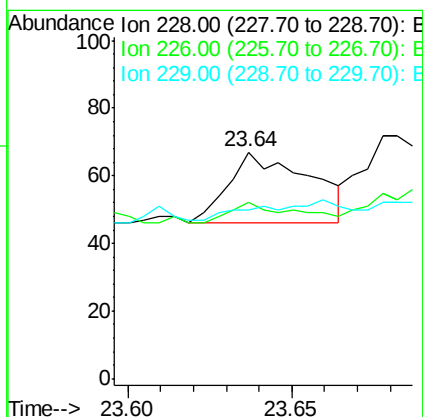
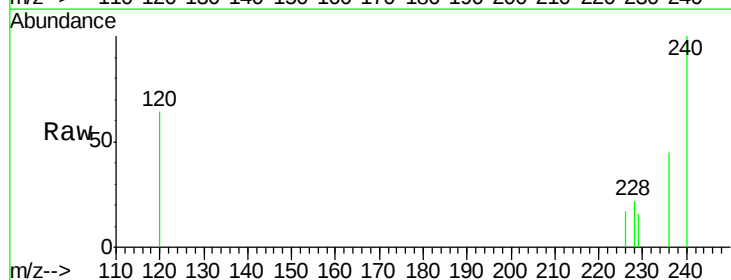
#19
Pyrene
Concen: 0.00 ng/ul
RT: 22.04 min Scan# 3050
Delta R.T. 0.01 min
Lab File: BE089745.D
Acq: 5 Mar 2015 15:34

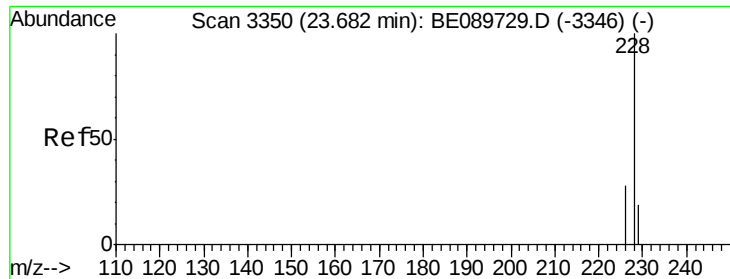
Tgt Ion: 202 Resp: 300
Ion Ratio Lower Upper
202 100
200 15.1 4.4 6.6#
203 60.3 13.6 20.4#



#20
Benzo(a)anthracene
Concen: 0.00 ng/ul
RT: 23.64 min Scan# 3340
Delta R.T. 0.00 min
Lab File: BE089745.D
Acq: 5 Mar 2015 15:34

Tgt Ion: 228 Resp: 36
Ion Ratio Lower Upper
228 100
226 77.6 22.8 34.2#
229 74.6 16.2 24.2#

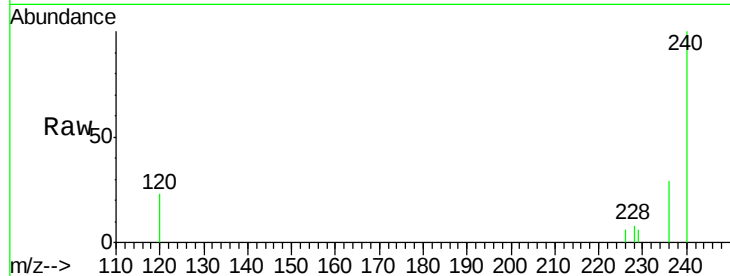




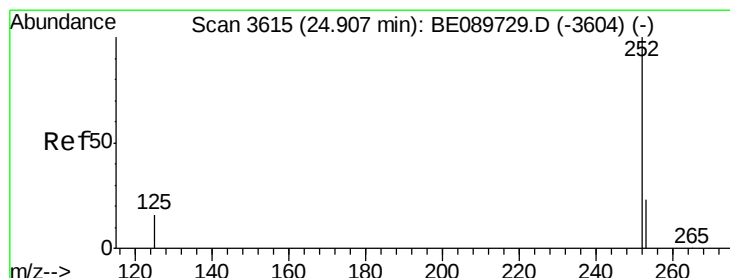
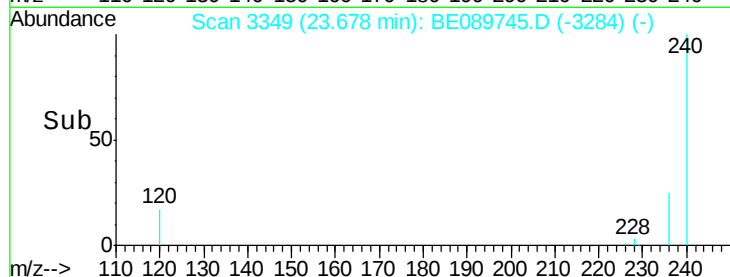
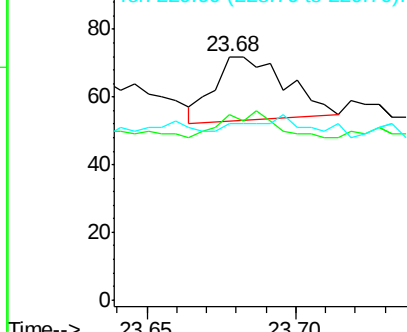
#21
Chrysene
Concen: 0.00 ng/ul
RT: 23.68 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BE089745.D
Acq: 5 Mar 2015 15:34

Tgt Ion: 228 Resp: 32

Ion	Ratio	Lower	Upper
228	100		
226	76.4	23.7	35.5#
229	72.2	15.5	23.3#



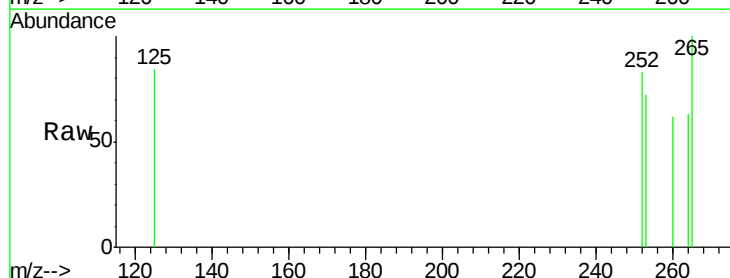
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



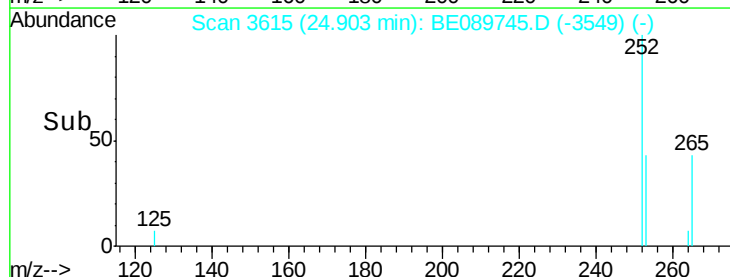
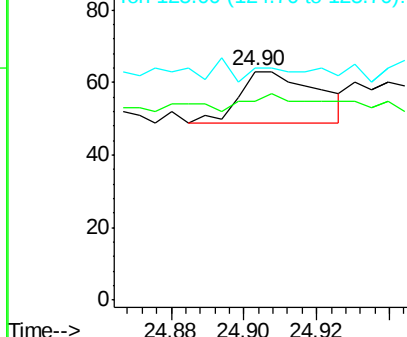
#23
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 24.90 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BE089745.D
Acq: 5 Mar 2015 15:34

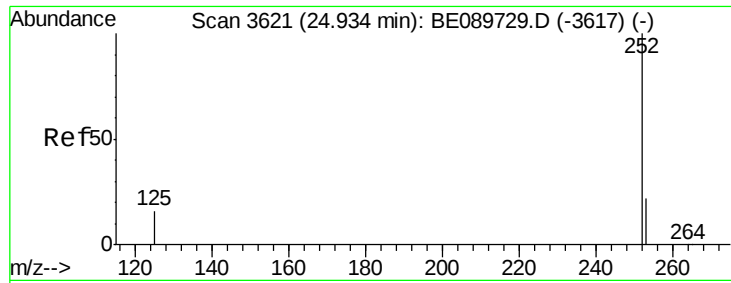
Tgt Ion: 252 Resp: 21

Ion	Ratio	Lower	Upper
252	100		
253	87.3	0.0	47.0#
125	101.6	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/u1

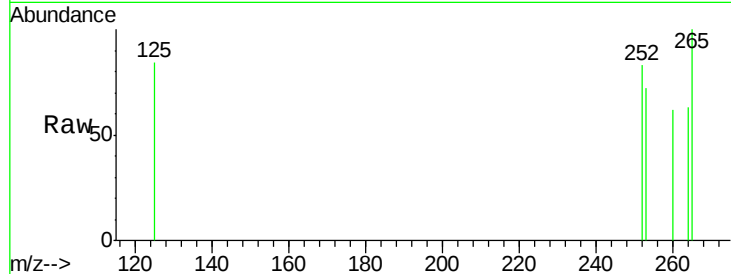
RT: 24.90 min Scan# 3615

Delta R.T. -0.03 min

Lab File: BE089745.D

Acq: 5 Mar 2015 15:34

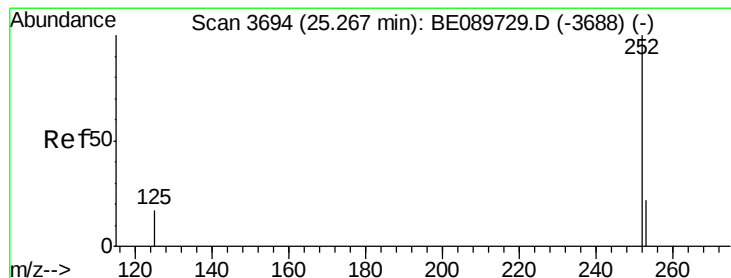
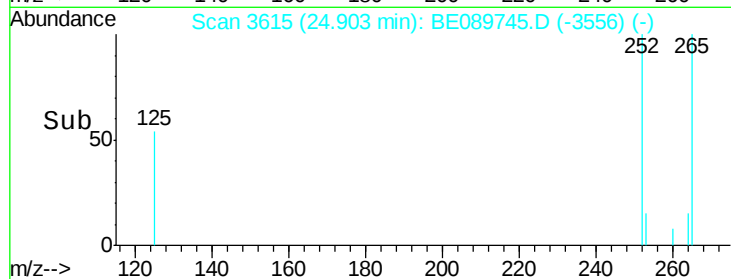
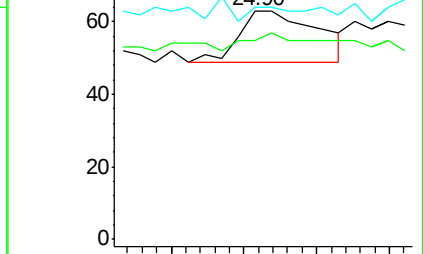
Tgt Ion:	252	Resp:	21
Ion	Ratio	Lower	Upper
252	100		
253	87.3	18.2	27.4#
125	101.6	14.6	22.0#



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/u1

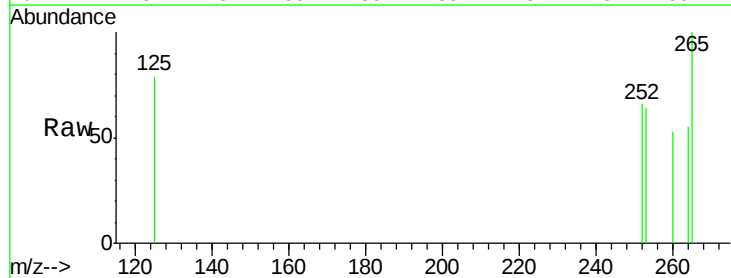
RT: 25.25 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BE089745.D

Acq: 5 Mar 2015 15:34

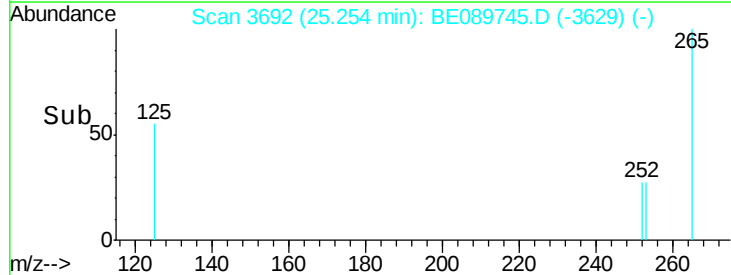
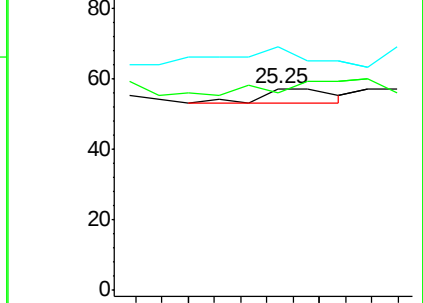
Tgt Ion:	252	Resp:	3
Ion	Ratio	Lower	Upper
252	100		
253	98.2	19.8	29.6#
125	121.1	16.0	24.0#

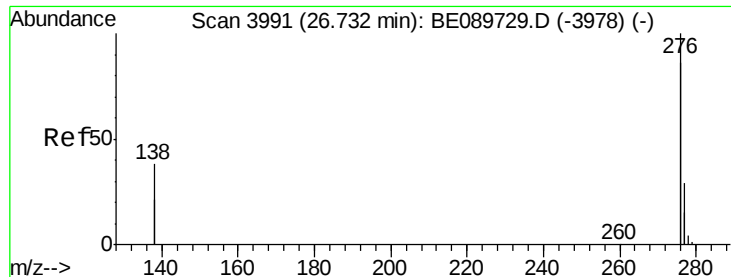


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

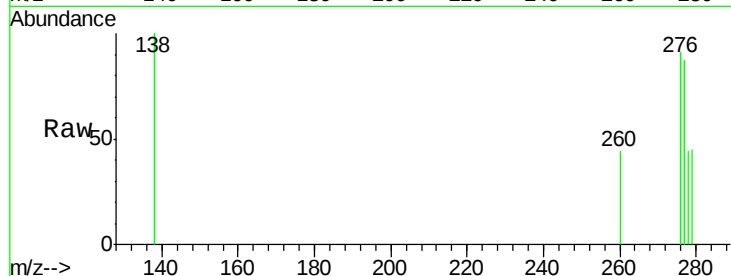




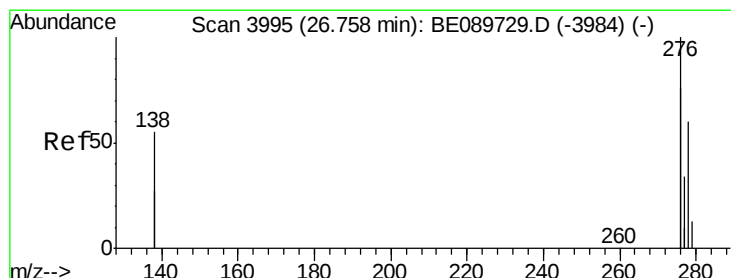
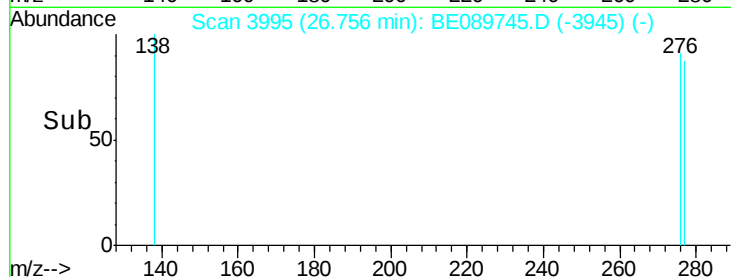
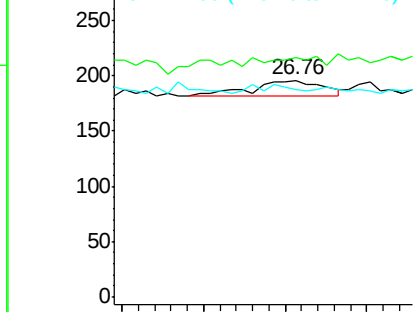
#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 26.76 min Scan# 3995
Delta R.T. 0.03 min
Lab File: BE089745.D
Acq: 5 Mar 2015 15:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	36.8	55.2#
277	0.0	20.6	31.0#



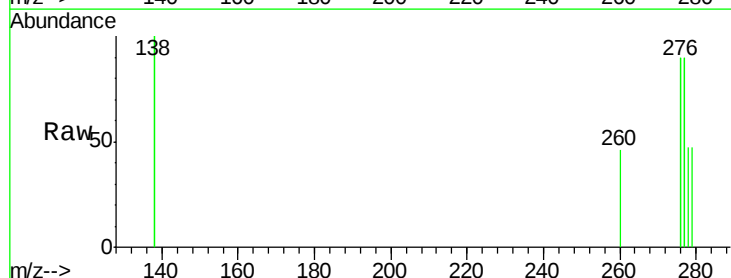
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



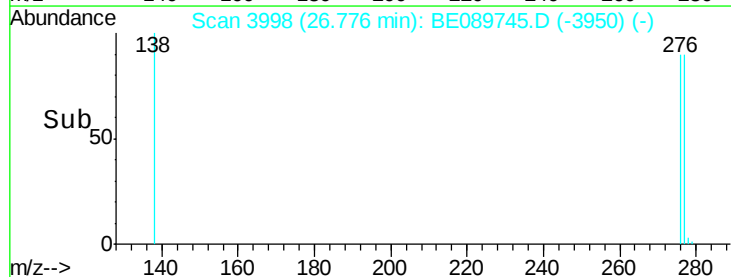
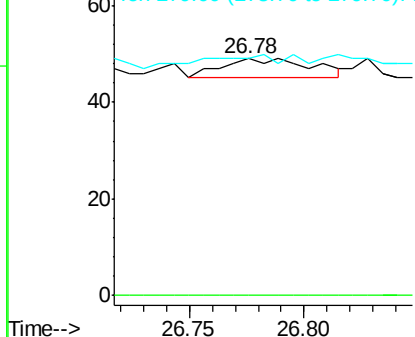
#27

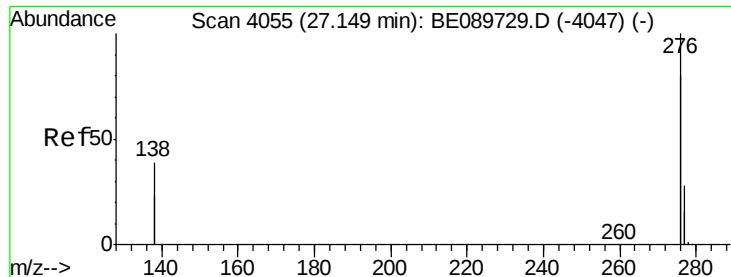
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 26.78 min Scan# 3998
Delta R.T. 0.01 min
Lab File: BE089745.D
Acq: 5 Mar 2015 15:34

Tgt 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: 27.17 min Scan# 4058

Delta R.T. 0.02 min

Lab File: BE089745.D

Acq: 5 Mar 2015 15:34

Tgt Ion: 276 Resp: 59

Ion Ratio Lower Upper

276 100

277 94.1 21.4 32.2#

138 105.9 31.4 47.0#

