

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090199.D
 Acq On : 21 Jul 2015 7:05
 Operator : TP/IZ
 Sample : MDL-06-W
 Misc : MDL-WATER-SIM2.2-0.15PPM
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 21 09:07:07 2015

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 21 05:15:45 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	800	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3746	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	2212	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5797	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	4113	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2931	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2280	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	6378	0.36	ng/ul	0.00

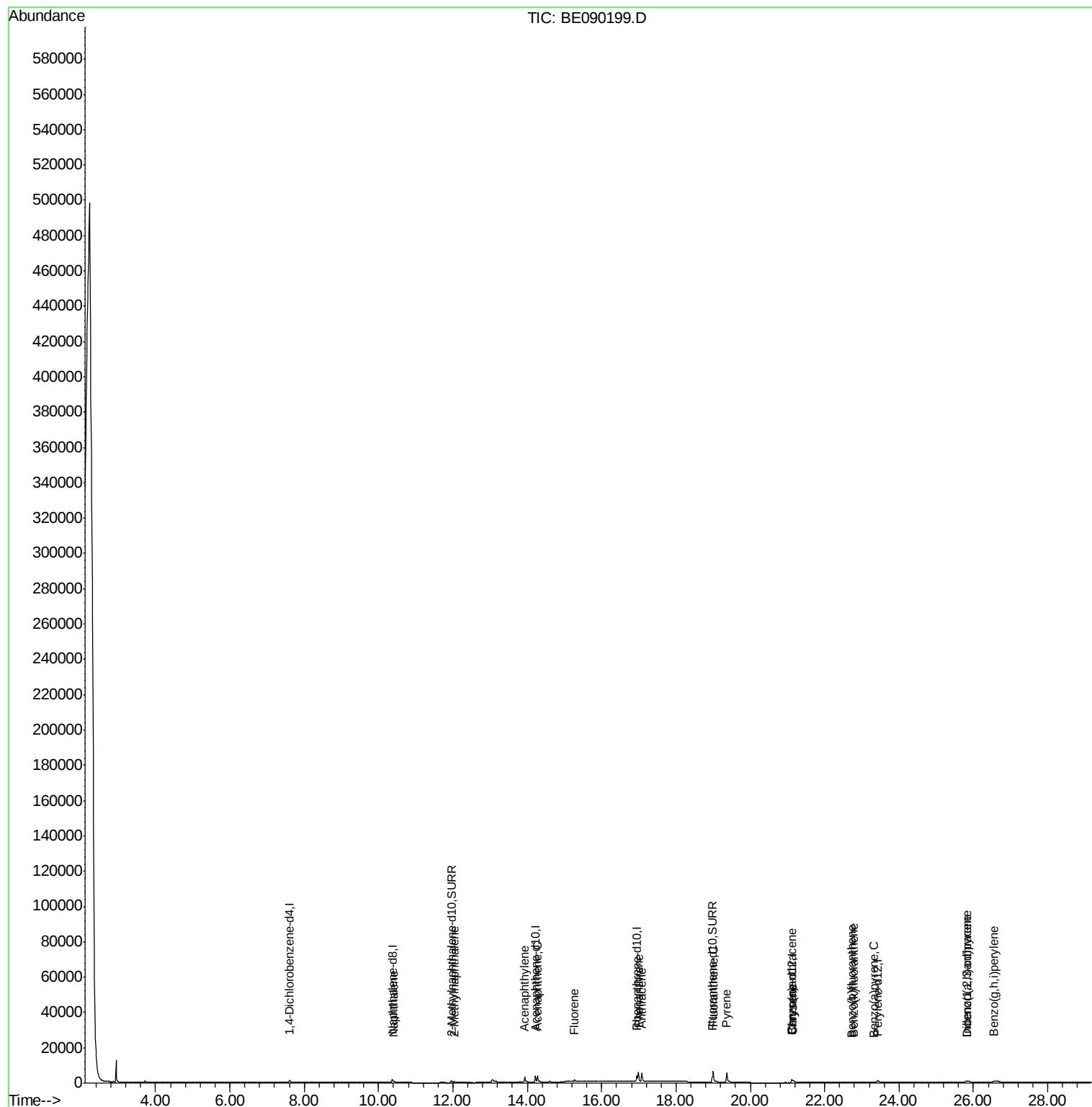
Target Compounds

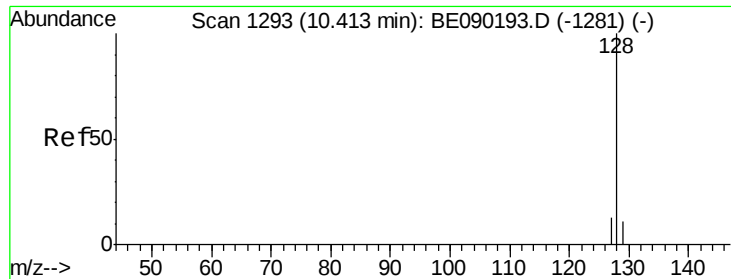
						Qvalue
3) Naphthalene	10.42	128	1077	0.11	ng/ul#	87
5) 2-Methylnaphthalene	12.03	142	723	0.11	ng/ul	97
7) Acenaphthylene	13.93	152	4989	0.11	ng/ul	94
8) Acenaphthene	14.27	153	3654	0.11	ng/ul	98
9) Fluorene	15.27	166	1047	0.11	ng/ul#	97
12) Phenanthrene	16.99	178	7084	0.11	ng/ul	93
13) Anthracene	17.07	178	7044	0.11	ng/ul	93
15) Fluoranthene	19.00	202	8570	0.11	ng/ul	93
17) Pyrene	19.36	202	8538	0.16	ng/ul	96
18) Benzo(a)anthracene	21.10	228	656	0.06	ng/ul#	83
19) Chrysene	21.15	228	2038m	0.16	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	371	0.05	ng/ul#	48
22) Benzo(k)fluoranthene	22.77	252	889m	0.08	ng/ul	
23) Benzo(a)pyrene	23.32	252	428	0.05	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	25.82	276	1408	0.04	ng/ul	99
25) Dibenzo(a,h)anthracene	25.84	278	205	0.03	ng/ul#	16
26) Benzo(g,h,i)perylene	26.56	276	1999	0.06	ng/ul#	52

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

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#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BE090199.D

Acq: 21 Jul 2015 7:05

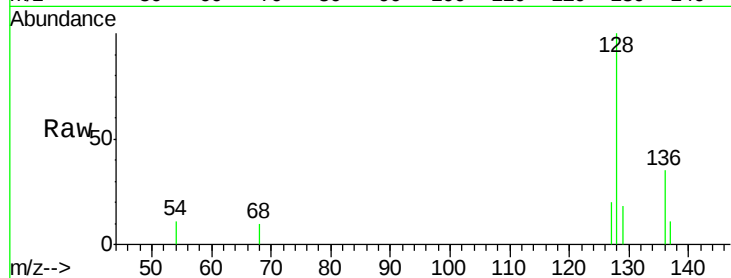
Tgt Ion:128 Resp: 1077

Ion Ratio Lower Upper

128 100

129 18.4 10.2 15.4#

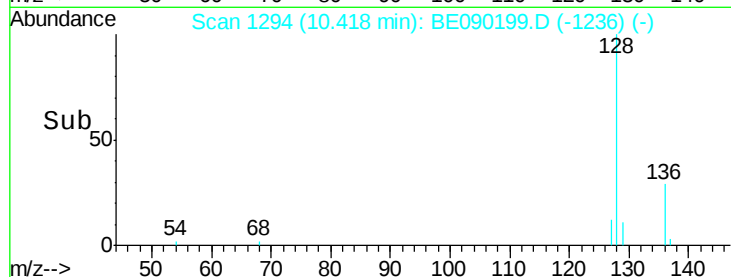
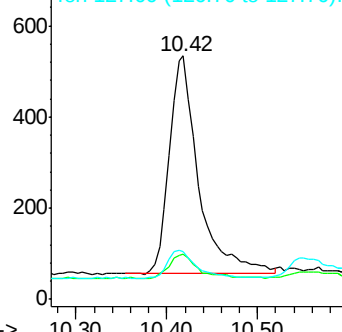
127 19.7 11.9 17.9#



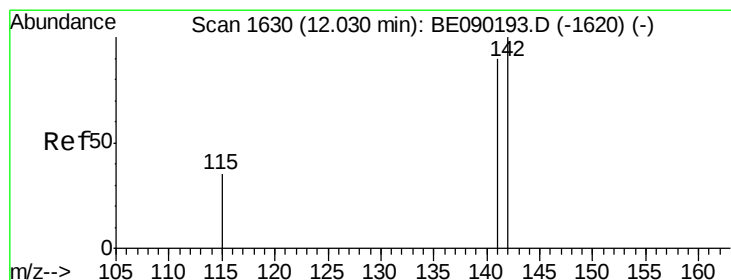
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.11 ng/ul

RT: 12.03 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE090199.D

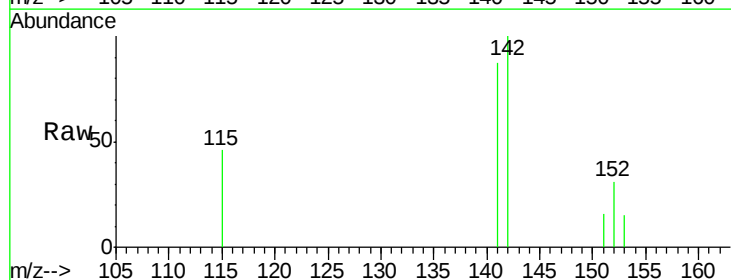
Acq: 21 Jul 2015 7:05

Tgt Ion:142 Resp: 723

Ion Ratio Lower Upper

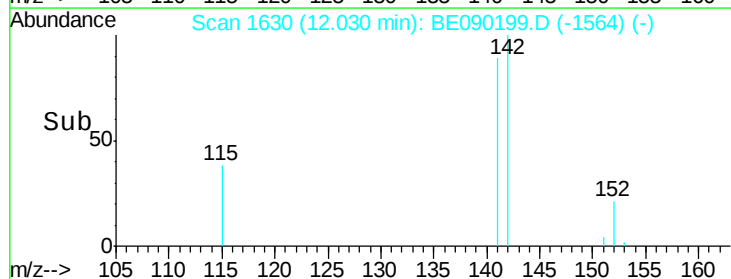
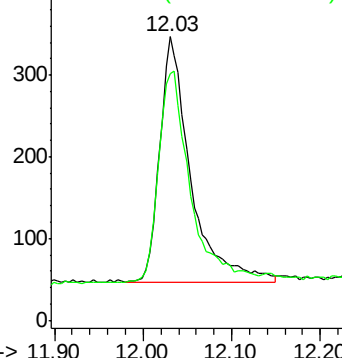
142 100

141 89.2 73.4 110.2

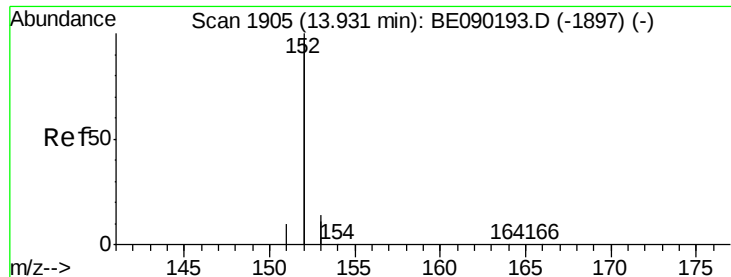


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#7

Acenaphthylene

Concen: 0.11 ng/ul

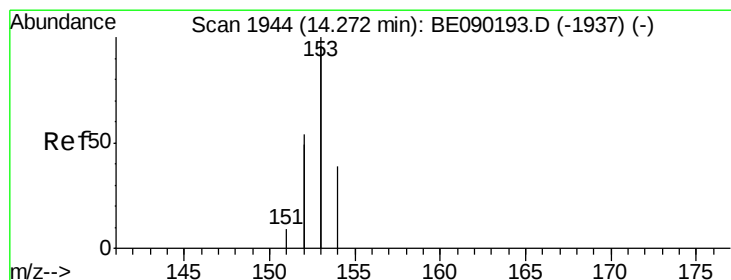
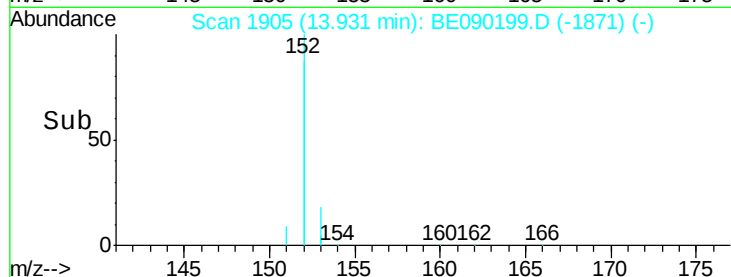
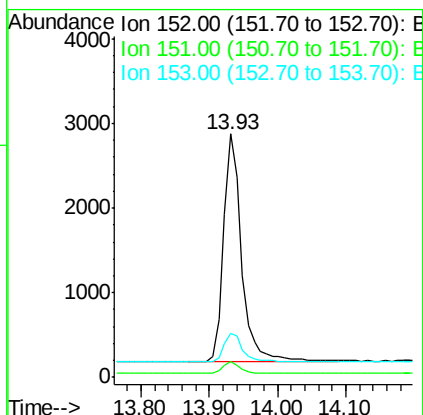
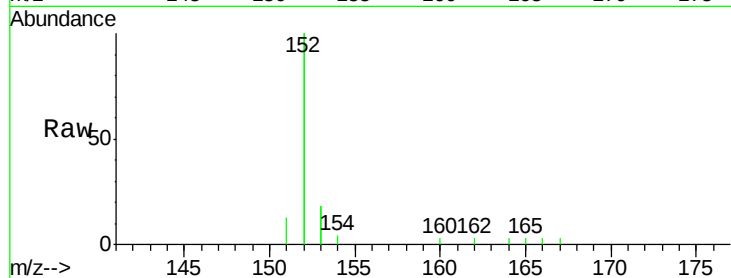
RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BE090199.D

Acq: 21 Jul 2015 7:05

Tgt Ion:	152	Resp:	4989
Ion	Ratio	Lower	Upper
152	100		
151	6.3	4.2	6.4
153	17.9	11.9	17.9



#8

Acenaphthene

Concen: 0.11 ng/ul

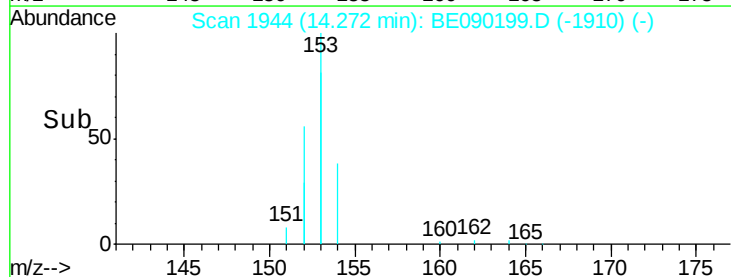
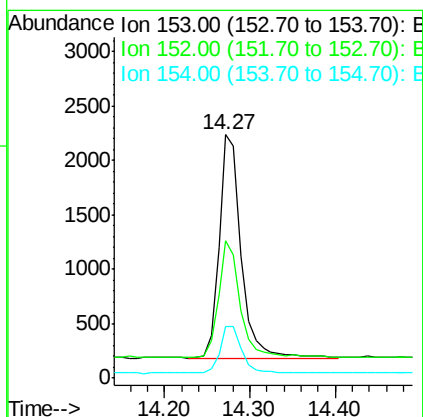
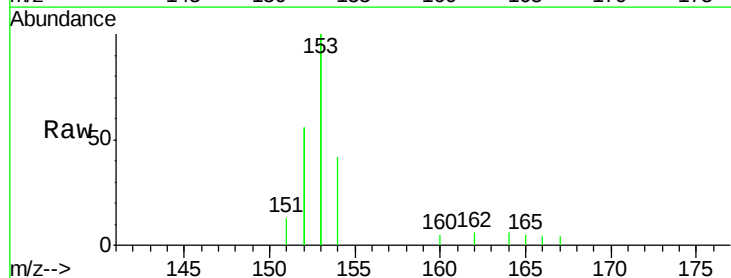
RT: 14.27 min Scan# 1944

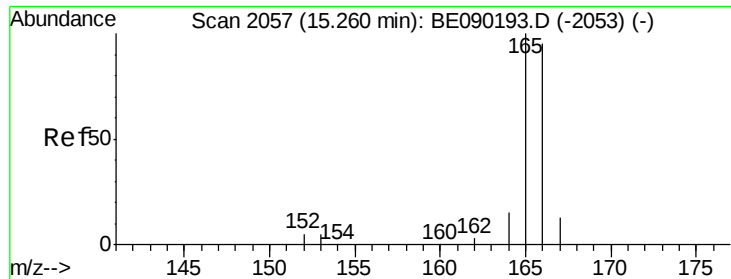
Delta R.T. -0.00 min

Lab File: BE090199.D

Acq: 21 Jul 2015 7:05

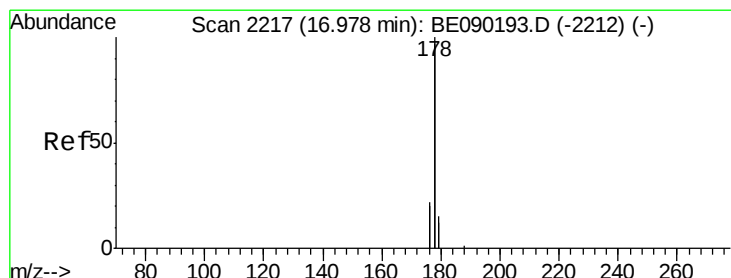
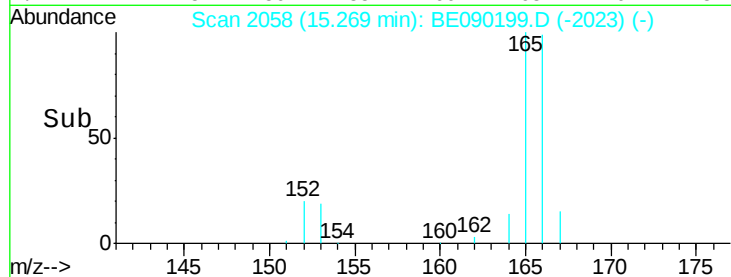
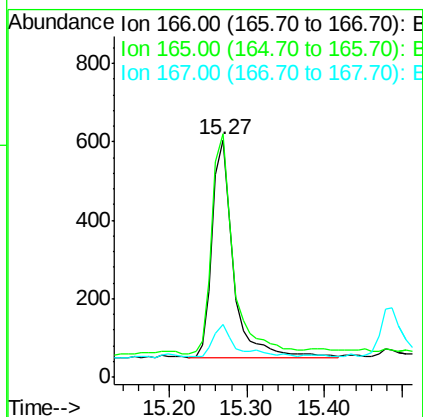
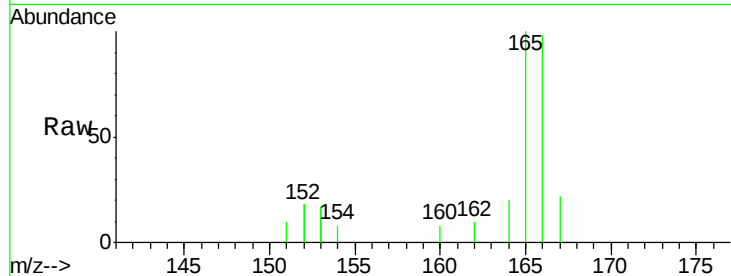
Tgt Ion:	153	Resp:	3654
Ion	Ratio	Lower	Upper
153	100		
152	56.4	43.8	65.8
154	21.1	16.8	25.2





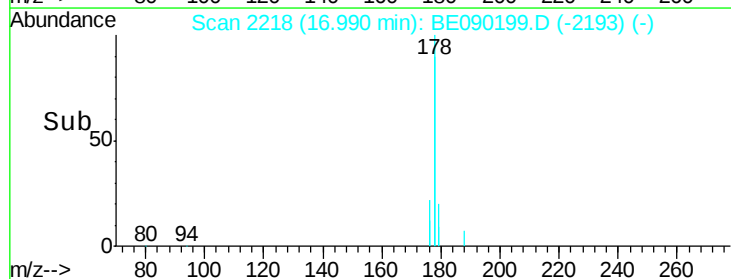
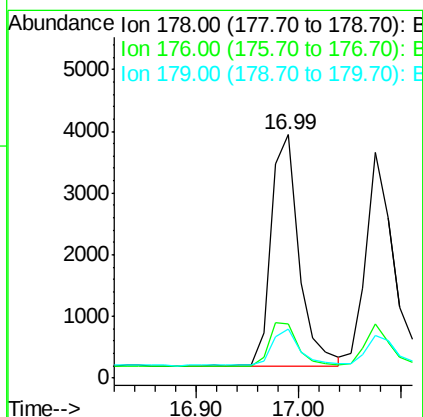
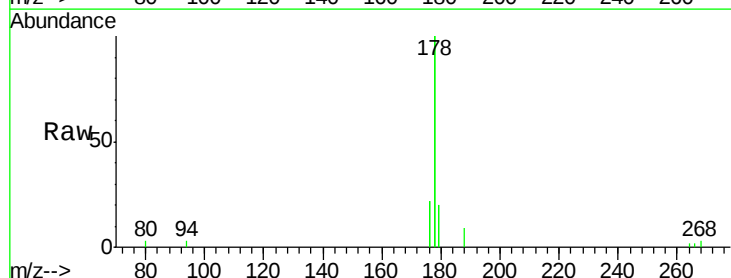
#9
Fluorene
 Concen: 0.11 ng/ul
 RT: 15.27 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BE090199.D
 Acq: 21 Jul 2015 7:05

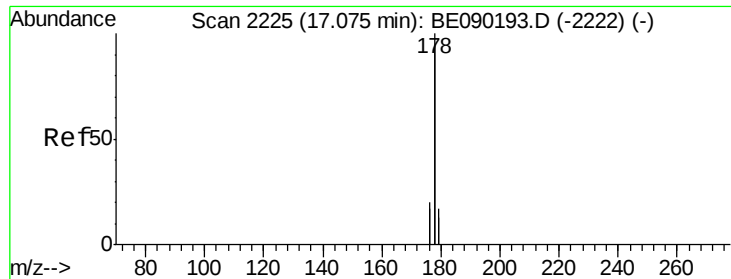
Tgt Ion:166 Resp: 1047
 Ion Ratio Lower Upper
 166 100
 165 102.5 81.2 121.8
 167 22.3 12.6 19.0#



#12
Phenanthrene
 Concen: 0.11 ng/ul
 RT: 16.99 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BE090199.D
 Acq: 21 Jul 2015 7:05

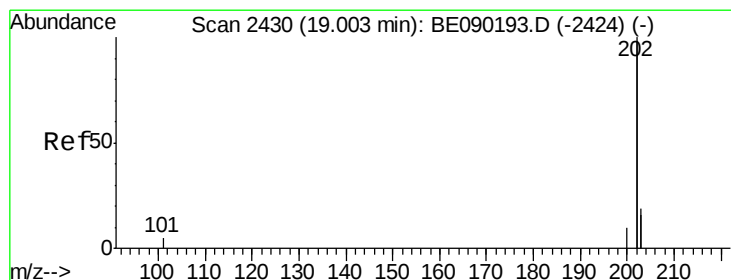
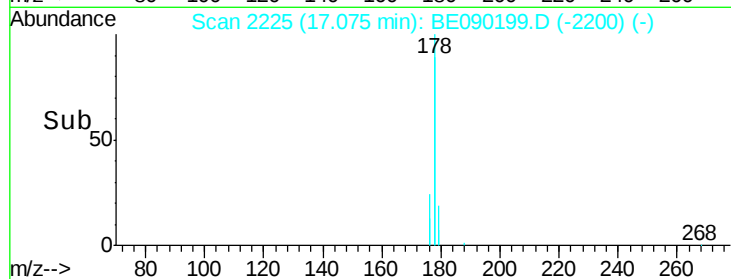
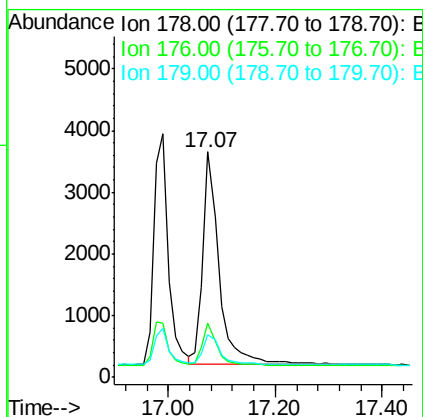
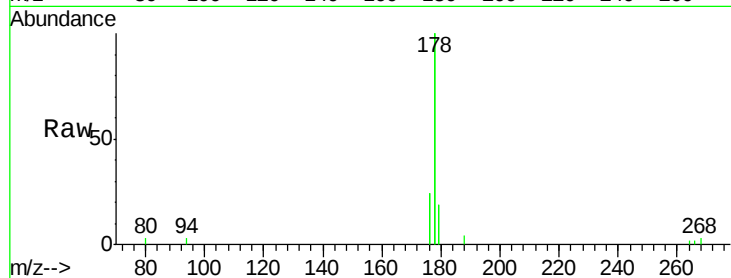
Tgt Ion:178 Resp: 7084
 Ion Ratio Lower Upper
 178 100
 176 22.3 15.3 22.9
 179 20.1 14.0 21.0





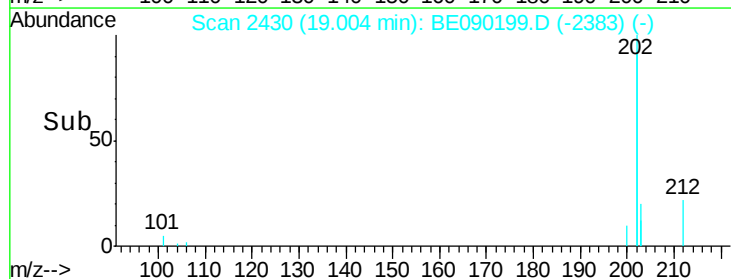
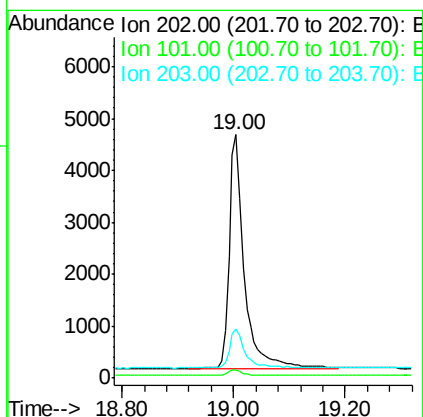
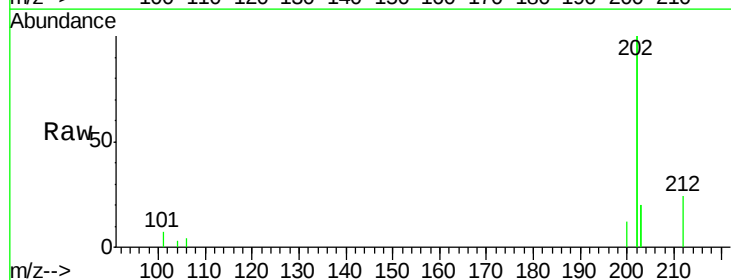
#13
 Anthracene
 Concen: 0.11 ng/ul
 RT: 17.07 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BE090199.D
 Acq: 21 Jul 2015 7:05

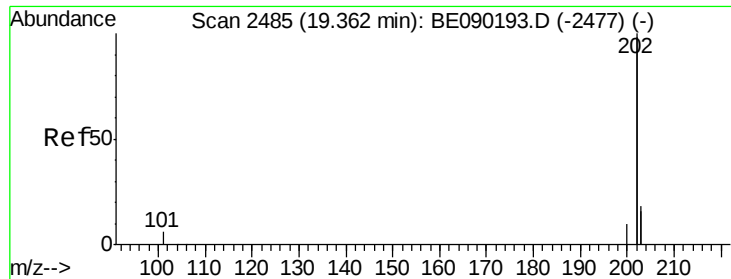
Tgt Ion:178 Resp: 7044
 Ion Ratio Lower Upper
 178 100
 176 23.7 16.0 24.0
 179 18.9 13.4 20.0



#15
 Fluoranthene
 Concen: 0.11 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BE090199.D
 Acq: 21 Jul 2015 7:05

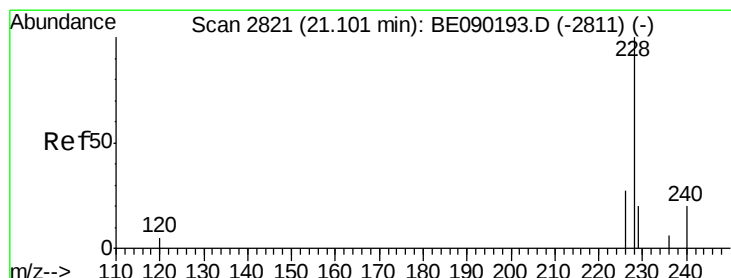
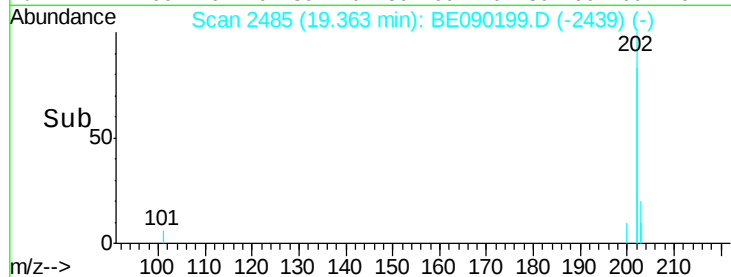
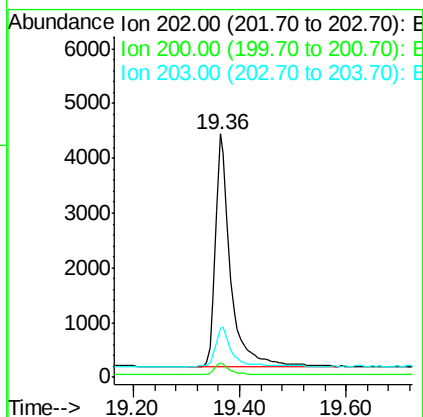
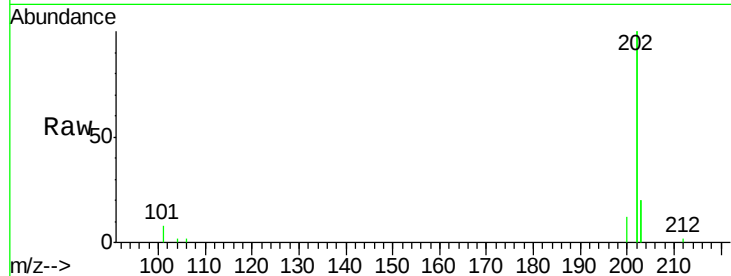
Tgt Ion:202 Resp: 8570
 Ion Ratio Lower Upper
 202 100
 101 3.5 0.0 23.0
 203 20.3 0.0 37.0





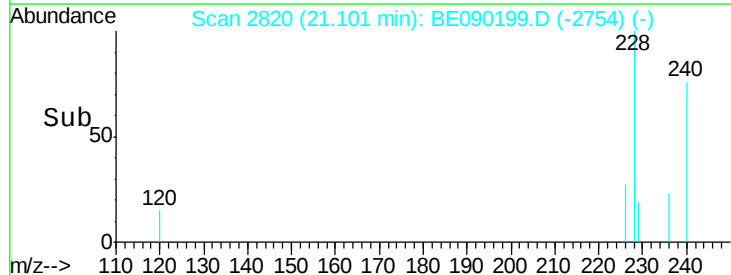
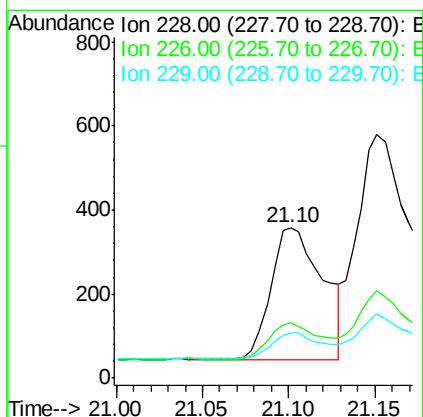
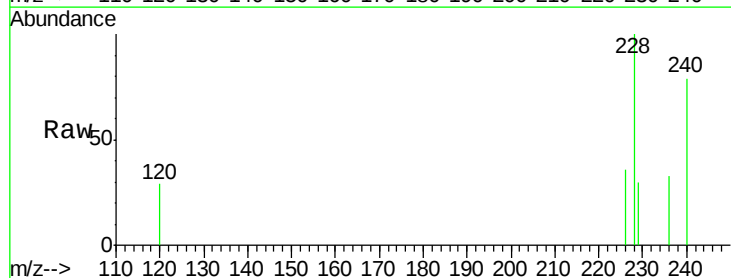
#17
 Pyrene
 Concen: 0.16 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BE090199.D
 Acq: 21 Jul 2015 7:05

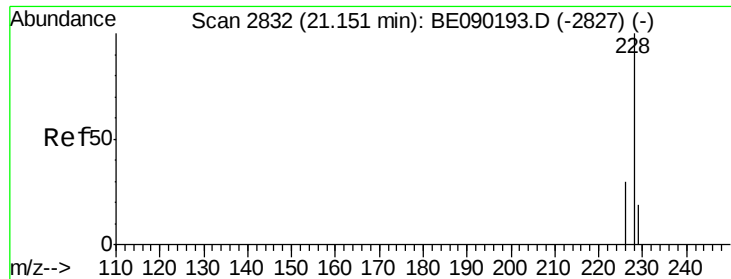
Tgt Ion: 202 Resp: 8538
 Ion Ratio Lower Upper
 202 100
 200 6.2 4.3 6.5
 203 20.4 14.6 21.8



#18
 Benzo(a)anthracene
 Concen: 0.06 ng/ul
 RT: 21.10 min Scan# 2820
 Delta R.T. 0.00 min
 Lab File: BE090199.D
 Acq: 21 Jul 2015 7:05

Tgt Ion: 228 Resp: 656
 Ion Ratio Lower Upper
 228 100
 226 36.5 22.2 33.4#
 229 29.8 16.9 25.3#





#19

Chrysene

Concen: 0.16 ng/ul m

RT: 21.15 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE090199.D

Acq: 21 Jul 2015 7:05

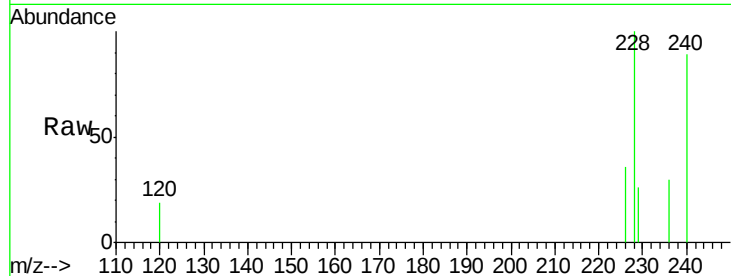
Tgt Ion: 228 Resp: 2038

Ion Ratio Lower Upper

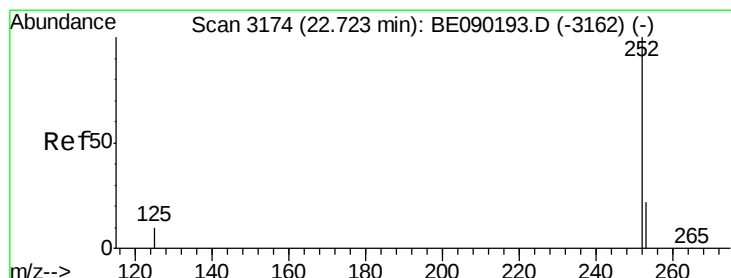
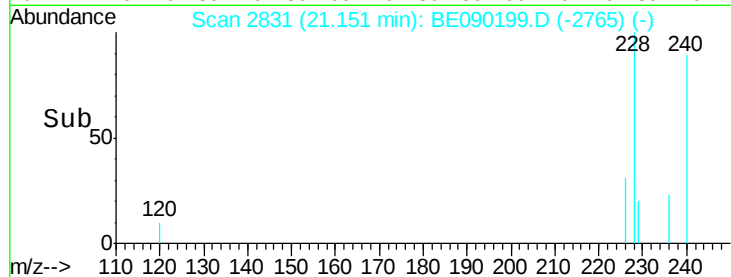
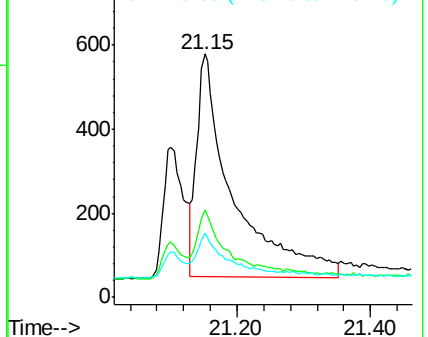
228 100

226 36.1 24.3 36.5

229 26.4 16.6 24.8#



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

Benzo(b)fluoranthene

Concen: 0.05 ng/ul

RT: 22.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BE090199.D

Acq: 21 Jul 2015 7:05

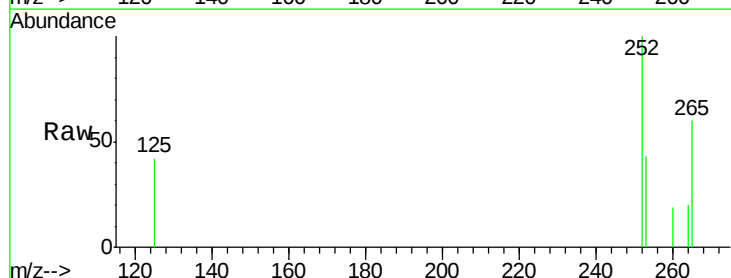
Tgt Ion: 252 Resp: 371

Ion Ratio Lower Upper

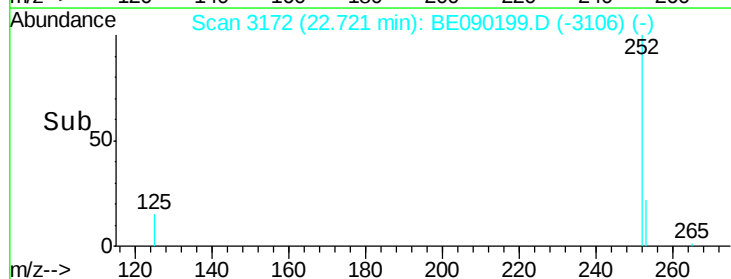
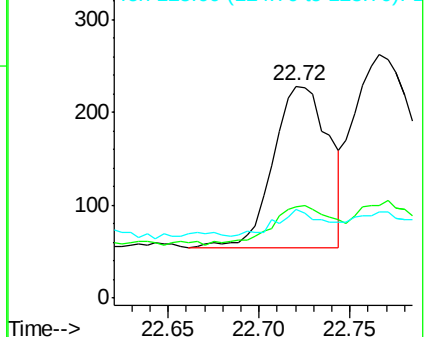
252 100

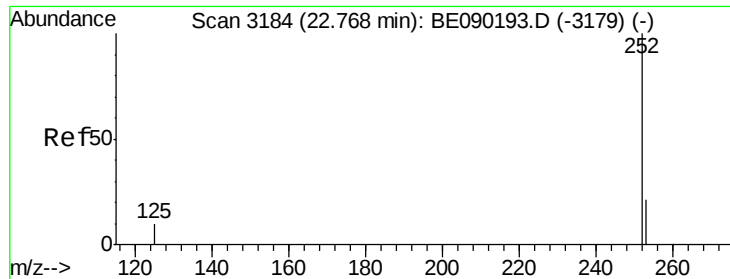
253 43.0 0.0 46.8

125 41.7 0.0 25.4#



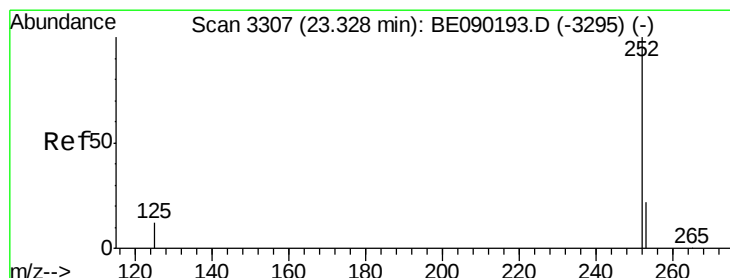
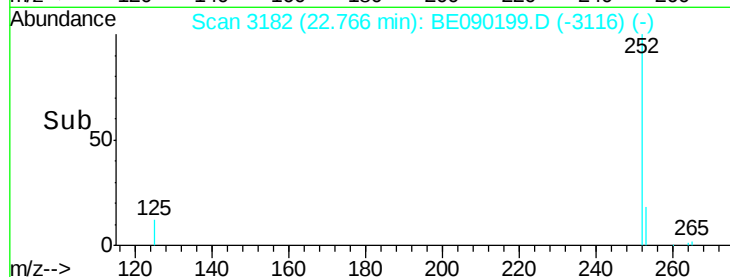
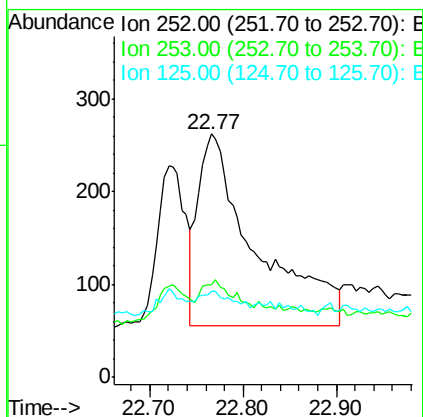
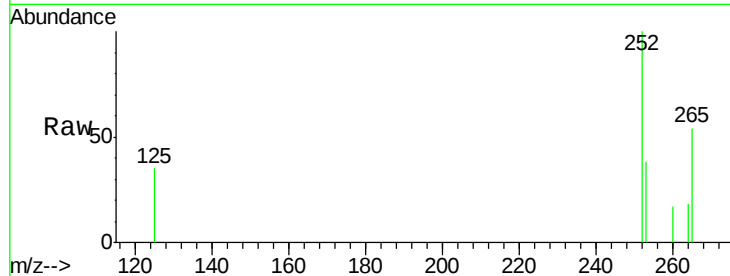
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





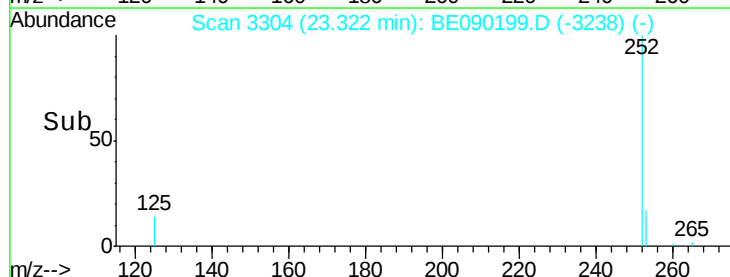
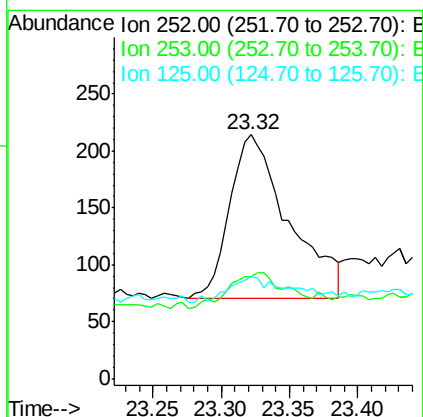
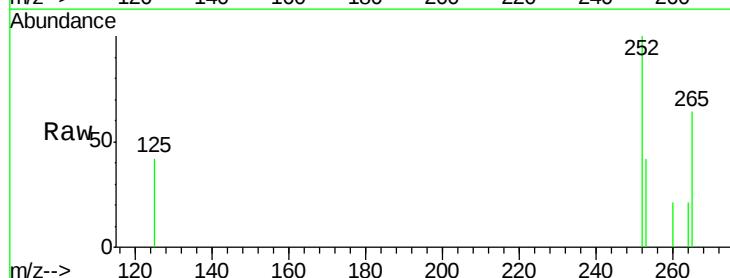
#22
Benzo(k)fluoranthene
Concen: 0.08 ng/u l m
RT: 22.77 min Scan# 3182
Delta R.T. -0.00 min
Lab File: BE090199.D
Acq: 21 Jul 2015 7:05

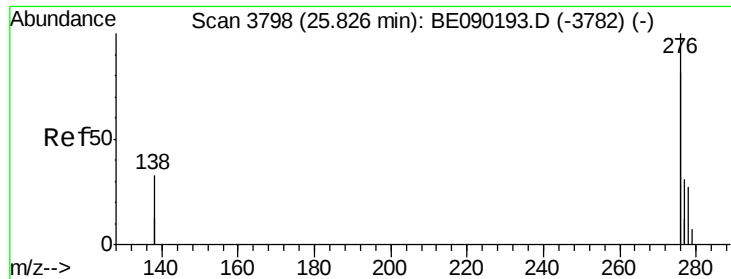
Tgt Ion: 252 Resp: 889
Ion Ratio Lower Upper
252 100
253 38.2 18.3 27.5#
125 35.1 9.8 14.8#



#23
Benzo(a)pyrene
Concen: 0.05 ng/u l
RT: 23.32 min Scan# 3304
Delta R.T. -0.00 min
Lab File: BE090199.D
Acq: 21 Jul 2015 7:05

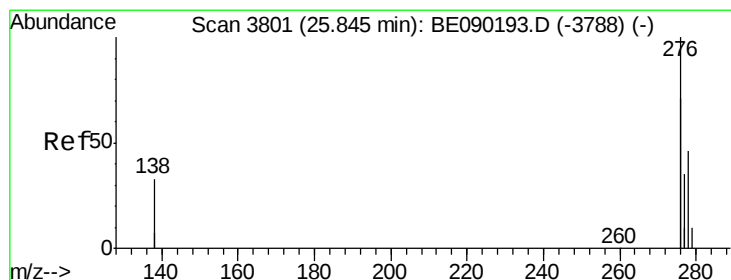
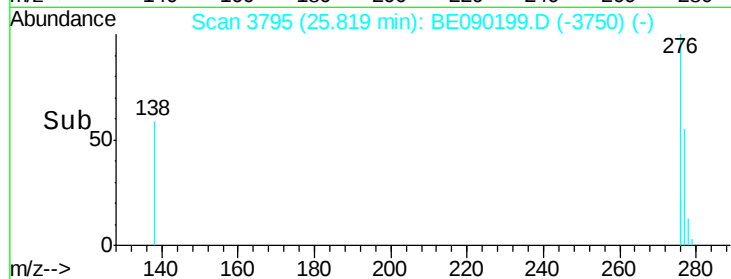
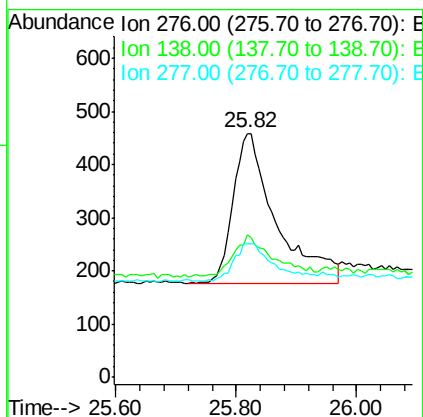
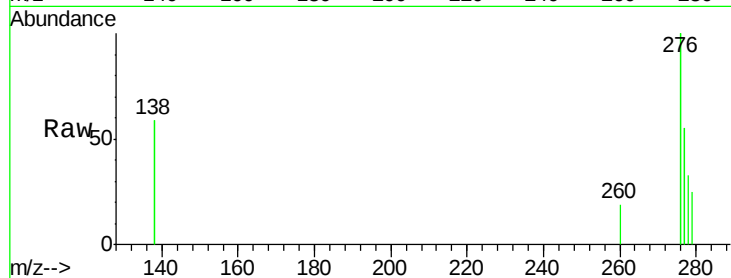
Tgt Ion: 252 Resp: 428
Ion Ratio Lower Upper
252 100
253 42.1 18.4 27.6#
125 42.1 11.5 17.3#





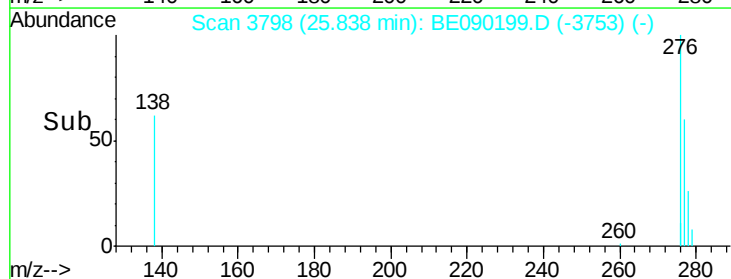
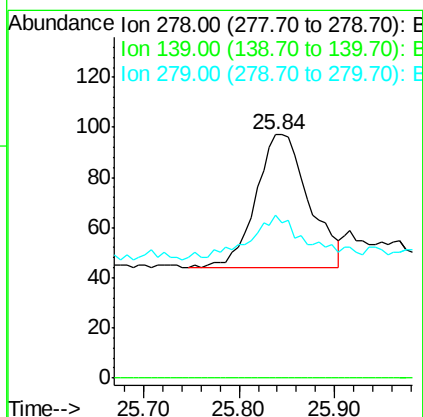
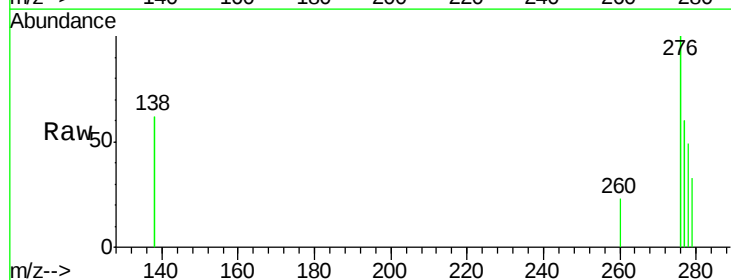
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng/ul
 RT: 25.82 min Scan# 3795
 Delta R.T. -0.01 min
 Lab File: BE090199.D
 Acq: 21 Jul 2015 7:05

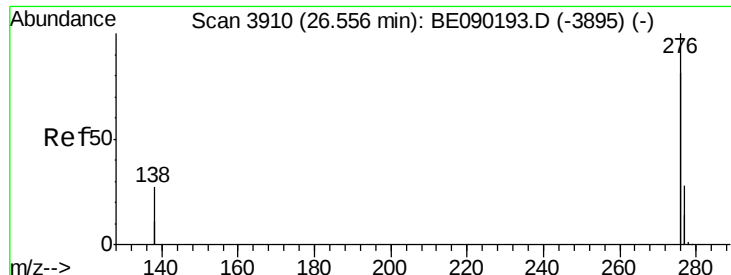
Tgt Ion: 276 Resp: 1408
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.8 29.8
 277 24.0 19.8 29.6



#25
 Dibenzo(a,h)anthracene
 Concen: 0.03 ng/ul
 RT: 25.84 min Scan# 3798
 Delta R.T. -0.01 min
 Lab File: BE090199.D
 Acq: 21 Jul 2015 7:05

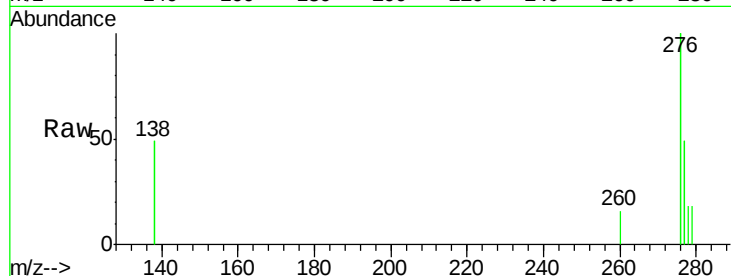
Tgt Ion: 278 Resp: 205
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 67.0 20.0 30.0#





#26
 Benzo(g,h,i)perylene
 Concen: 0.06 ng/ul
 RT: 26.56 min Scan# 3909
 Delta R.T. 0.01 min
 Lab File: BE090199.D
 Acq: 21 Jul 2015 7:05

Tgt Ion: 276 Resp: 1999
 Ion Ratio Lower Upper
 276 100
 277 49.1 20.6 31.0#
 138 49.5 19.3 28.9#



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

