

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090194.D
 Acq On : 21 Jul 2015 4:00
 Operator : TP/IZ
 Sample : MDL-01-W
 Misc : MDL-WATER-SIM2.2-0.15PPM
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 21 07:21:20 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 07:09:07 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	793	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3765	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2164	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5834	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	4831	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	3285	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2204	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	6635	0.38	ng/ul	0.00

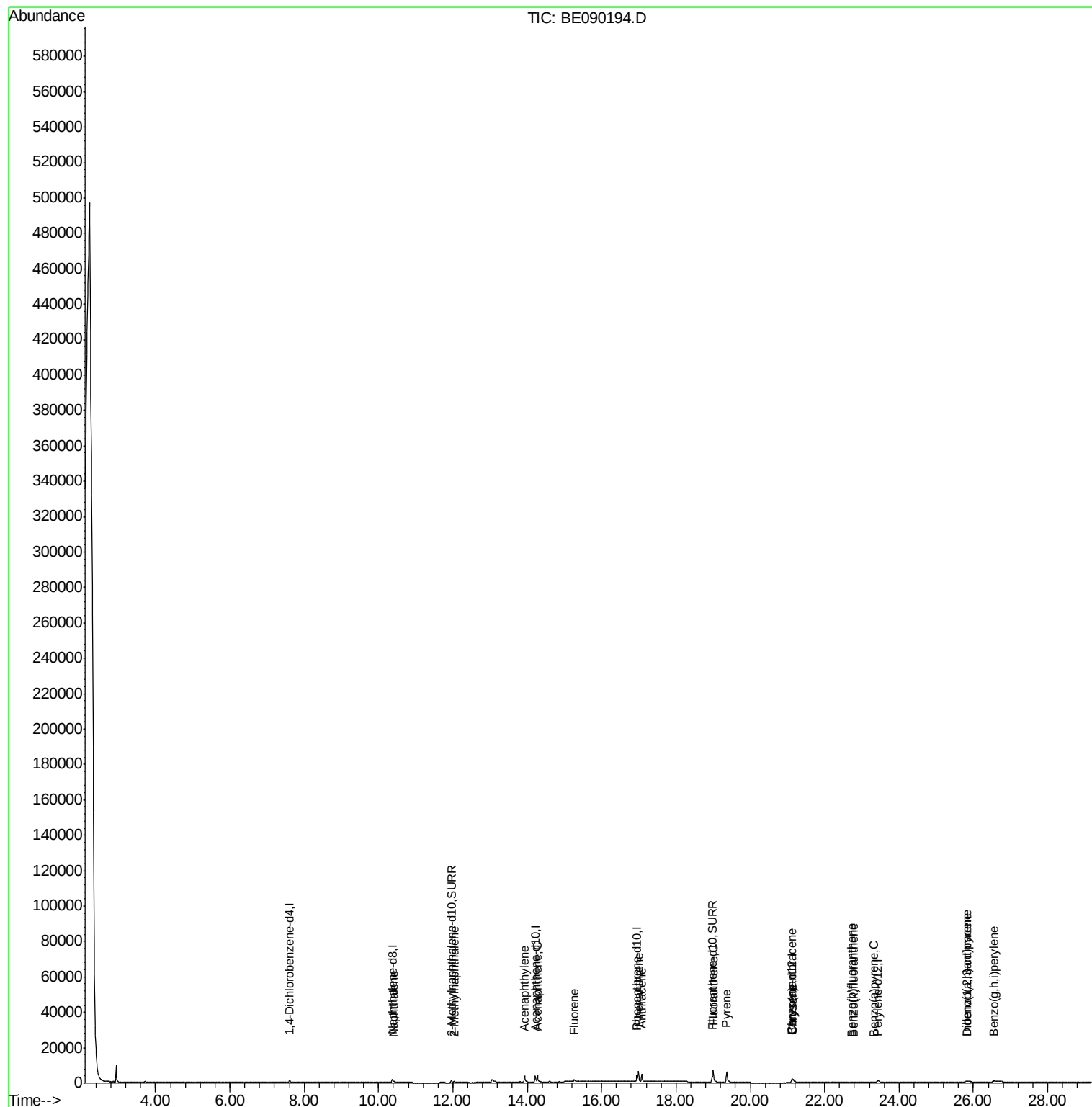
Target Compounds

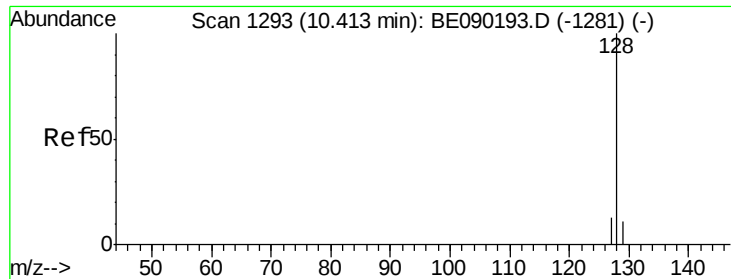
						Qvalue
3) Naphthalene	10.42	128	1095	0.11	ng/ul#	87
5) 2-Methylnaphthalene	12.03	142	710	0.11	ng/ul	99
7) Acenaphthylene	13.93	152	4877	0.11	ng/ul#	93
8) Acenaphthene	14.27	153	3569	0.11	ng/ul	97
9) Fluorene	15.27	166	1049	0.11	ng/ul#	98
12) Phenanthrene	16.99	178	7250	0.11	ng/ul	94
13) Anthracene	17.07	178	7297m	0.11	ng/ul	
15) Fluoranthene	19.00	202	8948	0.11	ng/ul	91
17) Pyrene	19.36	202	9081	0.15	ng/ul	95
18) Benzo(a)anthracene	21.10	228	814	0.07	ng/ul#	88
19) Chrysene	21.16	228	2132m	0.14	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	477	0.05	ng/ul#	57
22) Benzo(k)fluoranthene	22.77	252	1331m	0.11	ng/ul	
23) Benzo(a)pyrene	23.32	252	597	0.06	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.82	276	1828	0.04	ng/ul	95
25) Dibenzo(a,h)anthracene	25.83	278	284	0.03	ng/ul#	38
26) Benzo(g,h,i)perylene	26.56	276	2465	0.06	ng/ul#	58

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

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Data File : BE090194.D
Acq On : 21 Jul 2015 4:00
Operator : TP/IZ
Sample : MDL-01-W
Misc : MDL-WATER-SIM2.2-0.15PPM
ALS Vial : 17 Sample Multiplier: 1

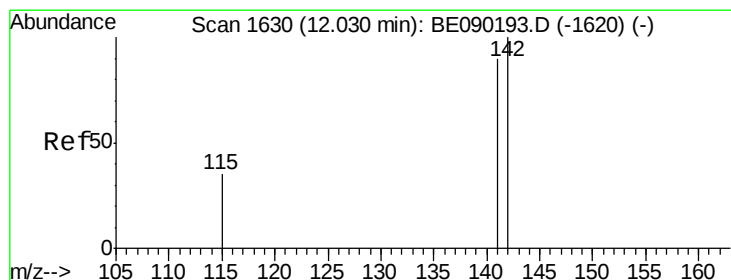
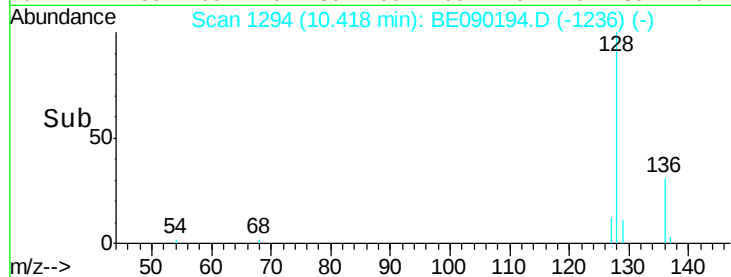
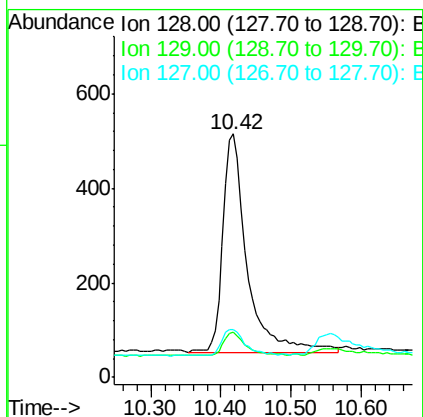
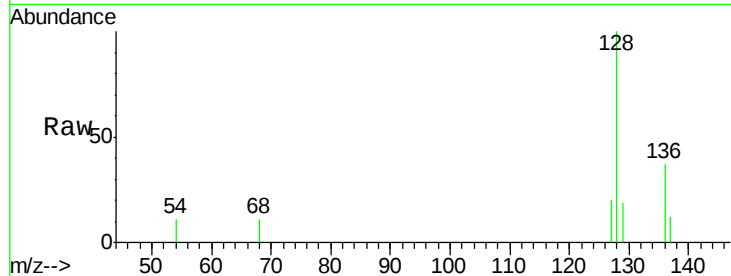
Quant Time: Jul 21 07:21:20 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 07:09:07 2015
Response via : Initial Calibration





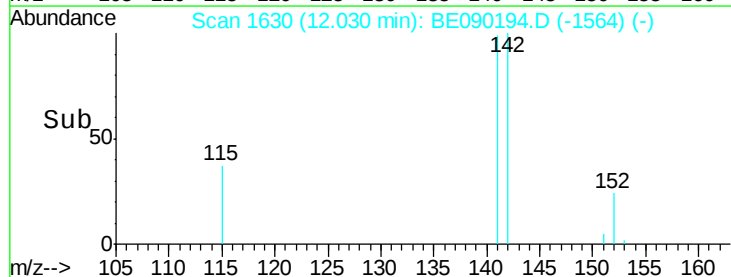
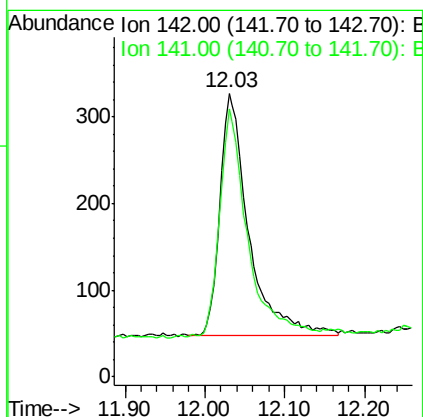
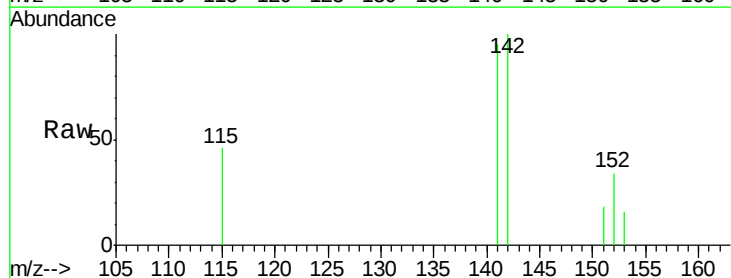
#3
Naphthalene
Concen: 0.11 ng/ul
RT: 10.42 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

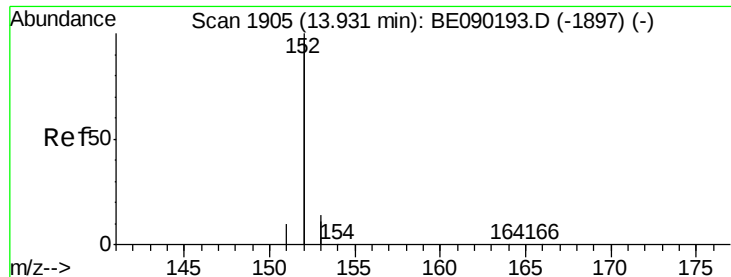
Tgt Ion:128 Resp: 1095
Ion Ratio Lower Upper
128 100
129 18.6 10.2 15.4#
127 19.8 11.9 17.9#



#5
2-Methylnaphthalene
Concen: 0.11 ng/ul
RT: 12.03 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

Tgt Ion:142 Resp: 710
Ion Ratio Lower Upper
142 100
141 90.7 73.4 110.2





#7

Acenaphthylene

Concen: 0.11 ng/ul

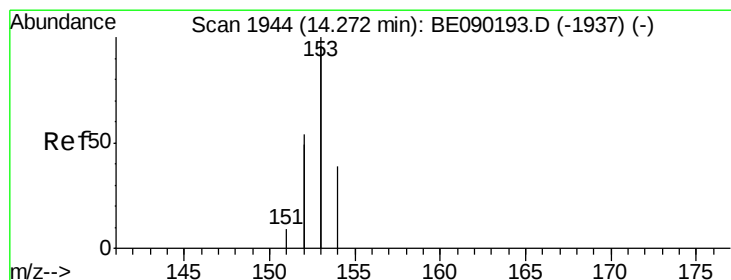
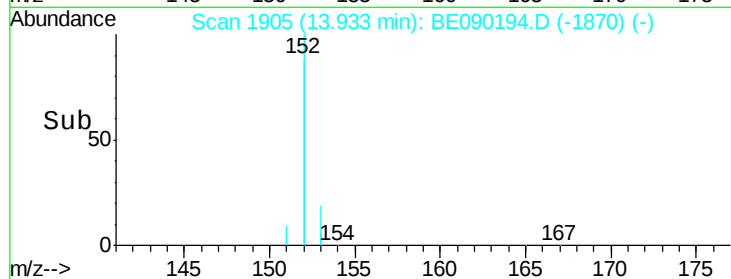
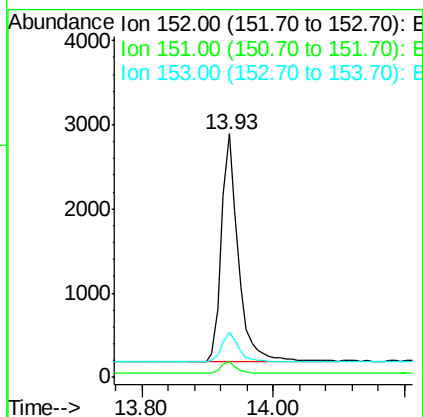
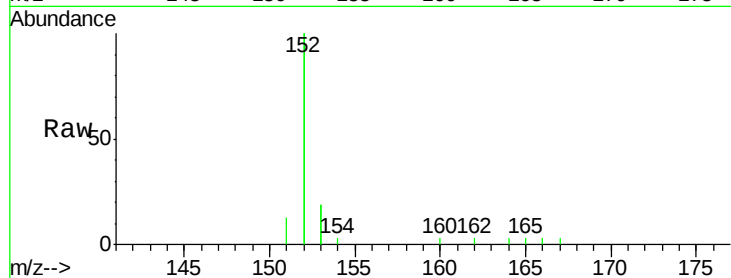
RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

Tgt Ion:	152	Resp:	4877
Ion	Ratio	Lower	Upper
152	100		
151	6.3	4.2	6.4
153	18.6	11.9	17.9#



#8

Acenaphthene

Concen: 0.11 ng/ul

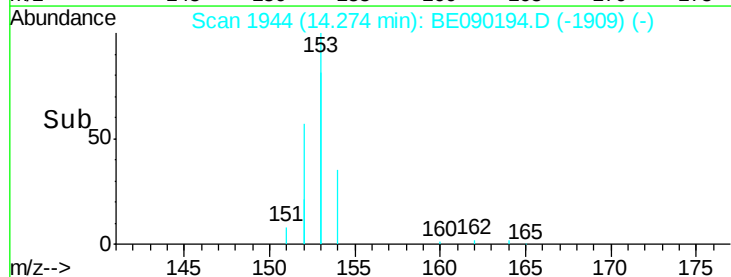
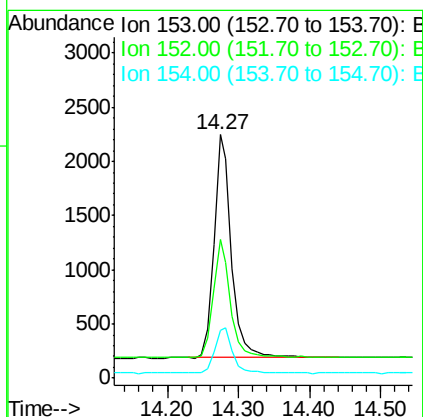
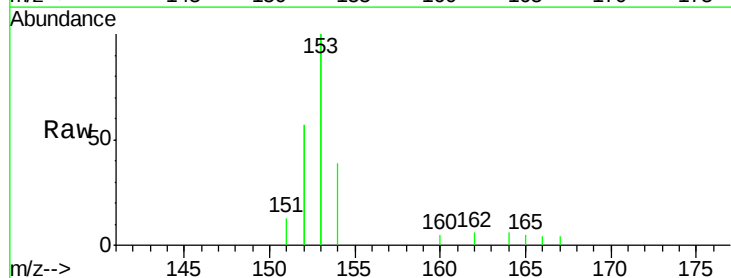
RT: 14.27 min Scan# 1944

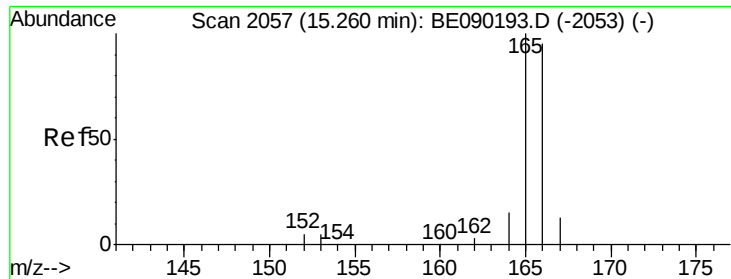
Delta R.T. 0.00 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

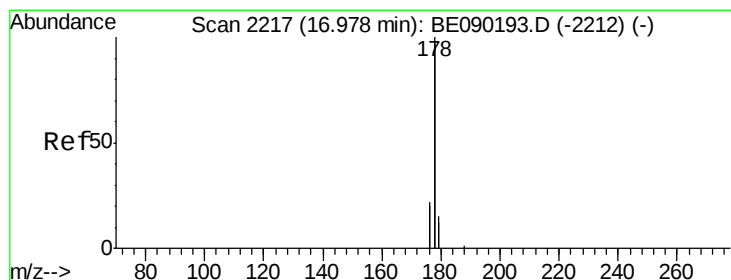
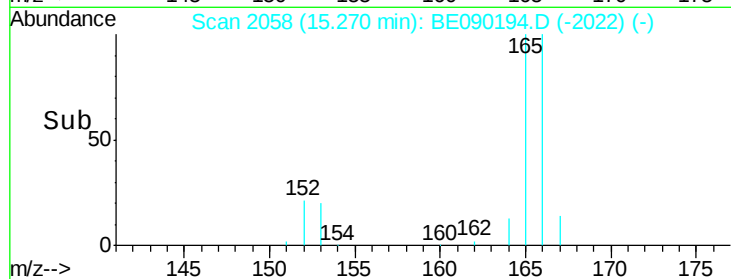
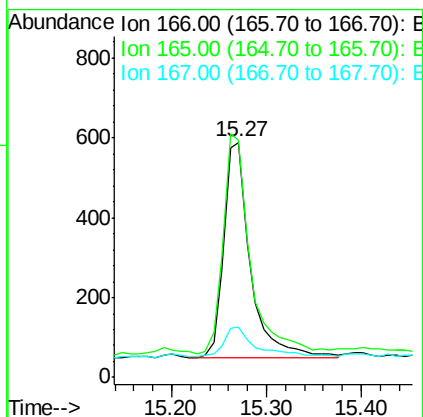
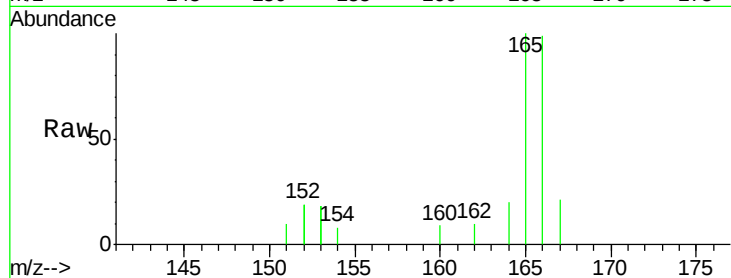
Tgt Ion:	153	Resp:	3569
Ion	Ratio	Lower	Upper
153	100		
152	57.1	43.8	65.8
154	19.4	16.8	25.2





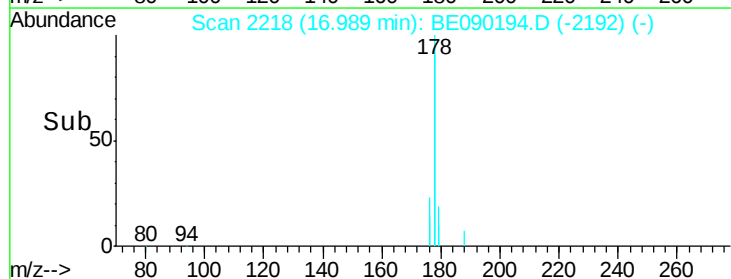
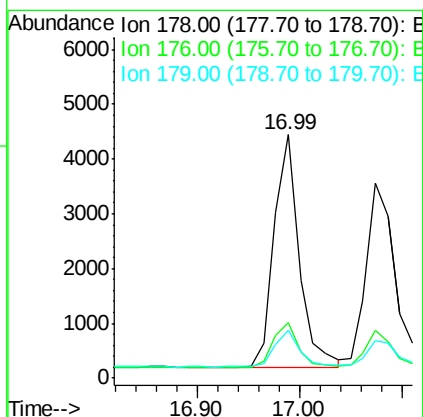
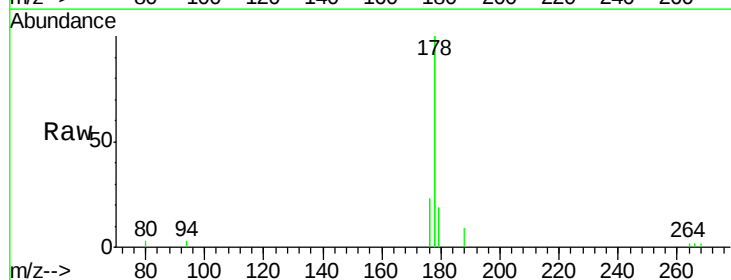
#9
Fluorene
 Concen: 0.11 ng/ul
 RT: 15.27 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

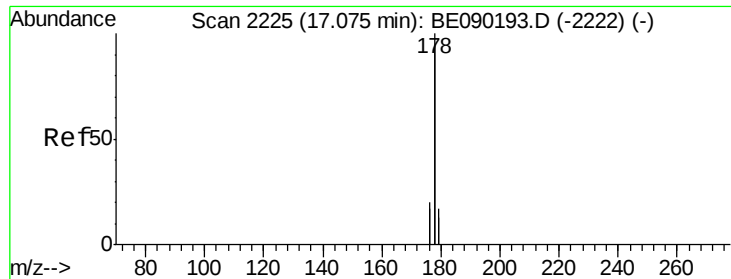
Tgt Ion:166 Resp: 1049
 Ion Ratio Lower Upper
 166 100
 165 101.0 81.2 121.8
 167 21.6 12.6 19.0#



#12
Phenanthrene
 Concen: 0.11 ng/ul
 RT: 16.99 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

Tgt Ion:178 Resp: 7250
 Ion Ratio Lower Upper
 178 100
 176 22.5 15.3 22.9
 179 19.4 14.0 21.0





#13

Anthracene

Concen: 0.11 ng/ul m

RT: 17.07 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

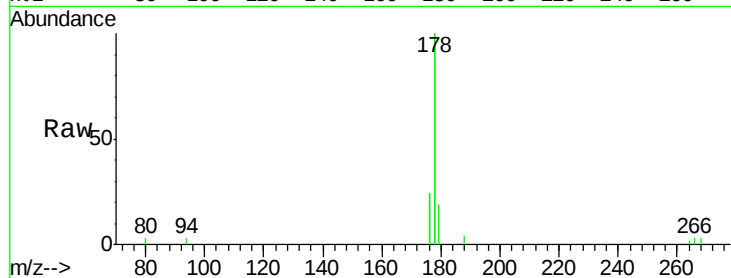
Tgt Ion:178 Resp: 7297

Ion Ratio Lower Upper

178 100

176 24.5 16.0 24.0#

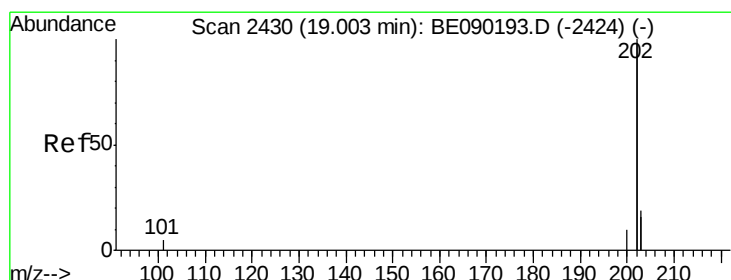
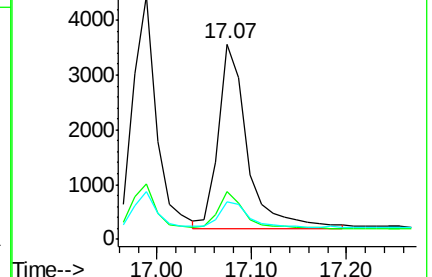
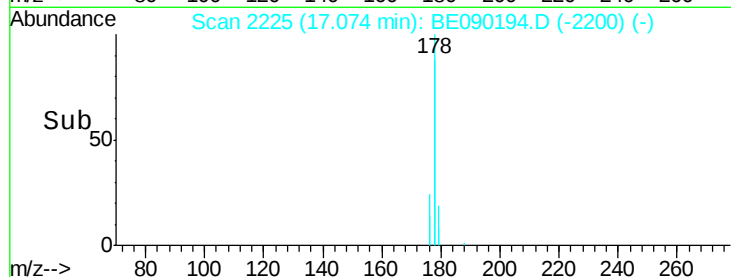
179 19.3 13.4 20.0



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



#15

Fluoranthene

Concen: 0.11 ng/ul

RT: 19.00 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

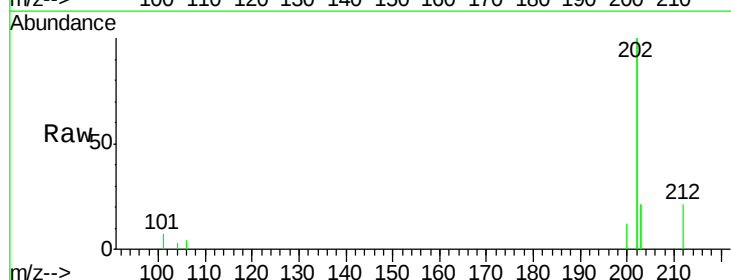
Tgt Ion:202 Resp: 8948

Ion Ratio Lower Upper

202 100

101 3.3 0.0 23.0

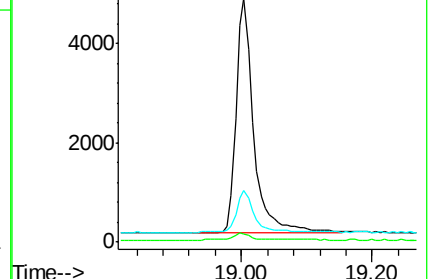
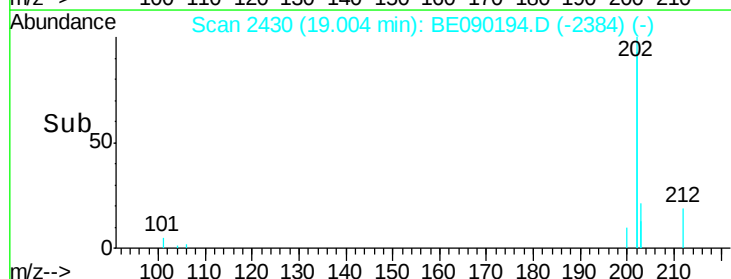
203 21.3 0.0 37.0

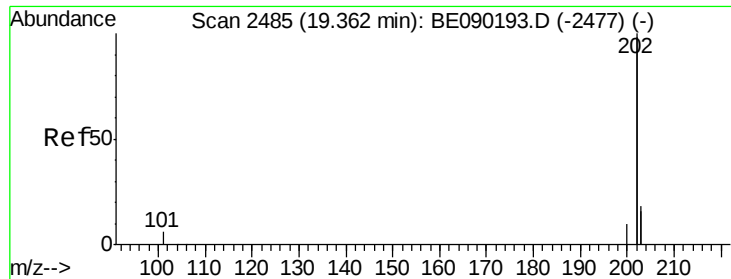


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

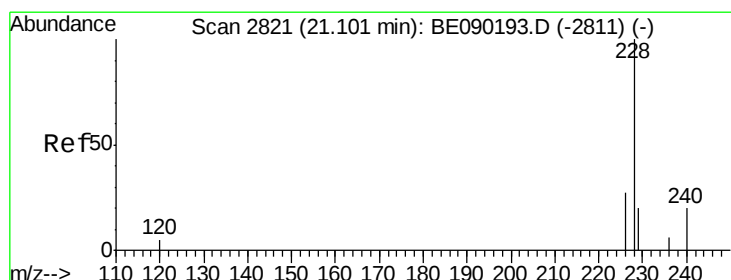
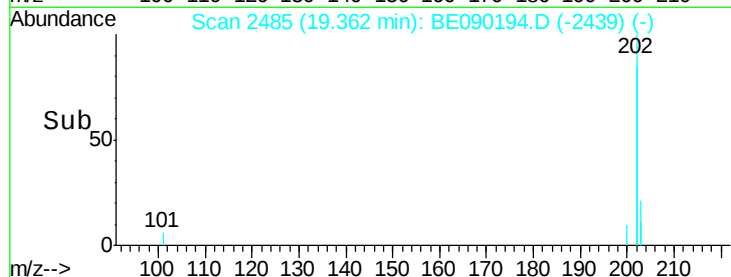
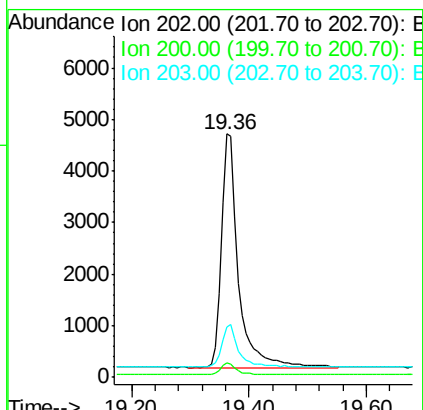
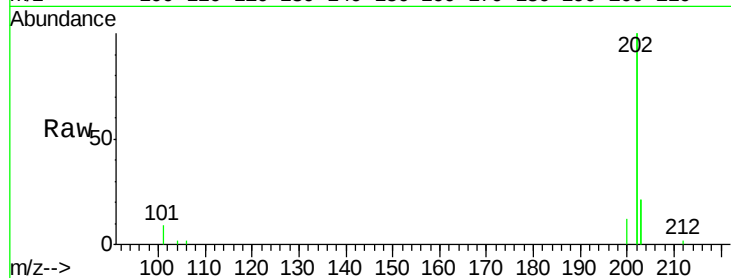
Ion 203.00 (202.70 to 203.70): E





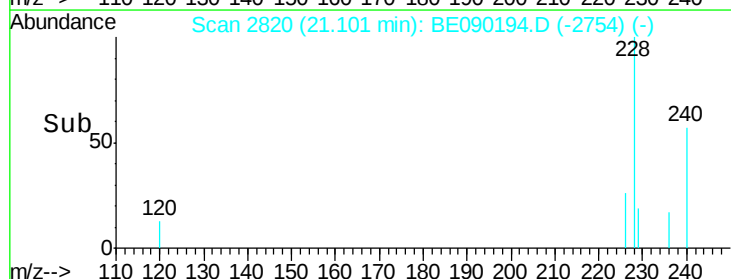
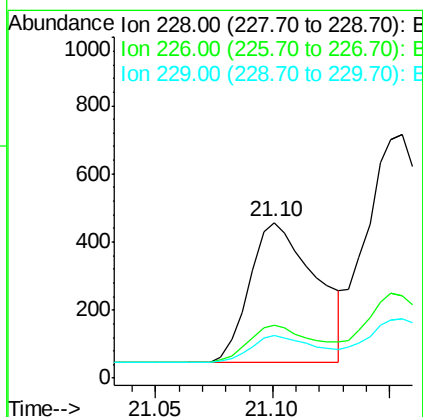
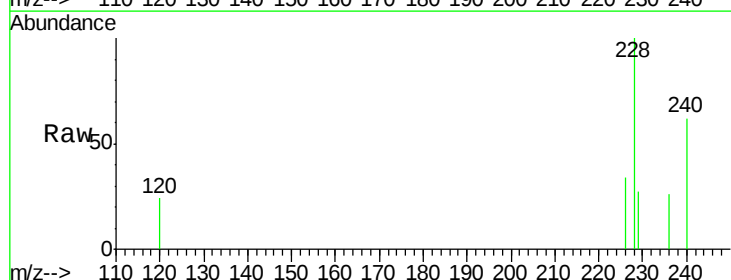
#17
 Pyrene
 Concen: 0.15 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

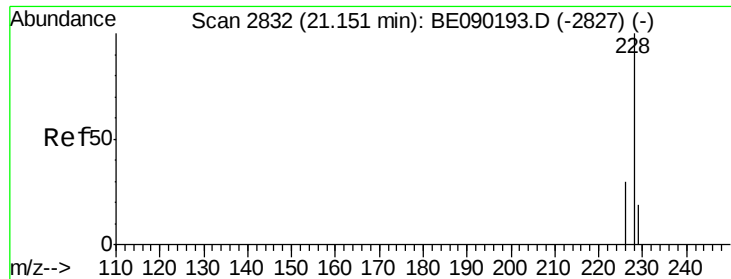
Tgt Ion: 202 Resp: 9081
 Ion Ratio Lower Upper
 202 100
 200 6.2 4.3 6.5
 203 20.6 14.6 21.8



#18
 Benzo(a)anthracene
 Concen: 0.07 ng/ul
 RT: 21.10 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

Tgt Ion: 228 Resp: 814
 Ion Ratio Lower Upper
 228 100
 226 33.6 22.2 33.4#
 229 27.3 16.9 25.3#





#19

Chrysene

Concen: 0.14 ng/ul m

RT: 21.16 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

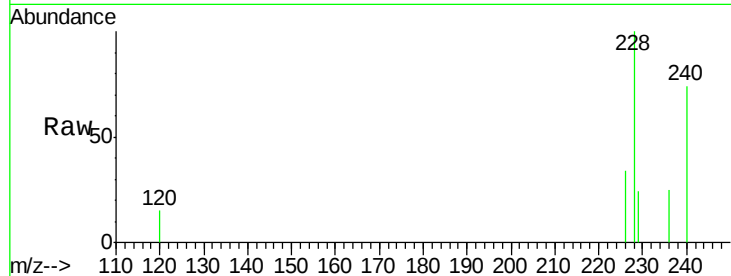
Tgt Ion: 228 Resp: 2132

Ion Ratio Lower Upper

228 100

226 33.7 24.3 36.5

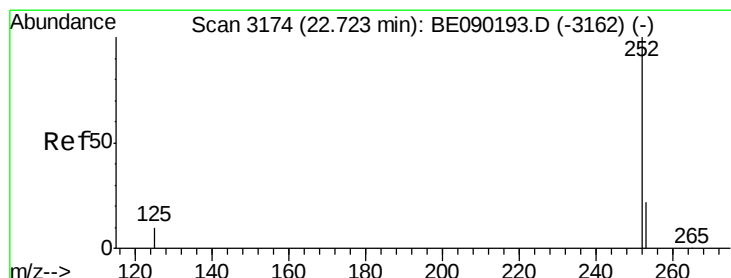
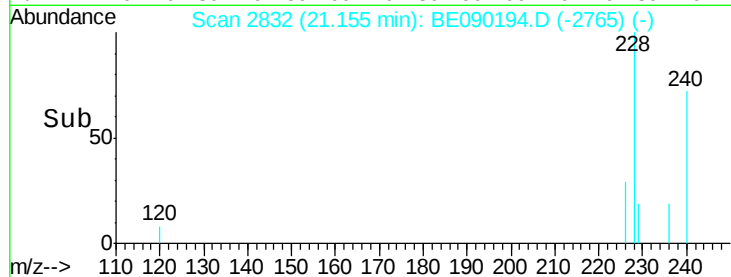
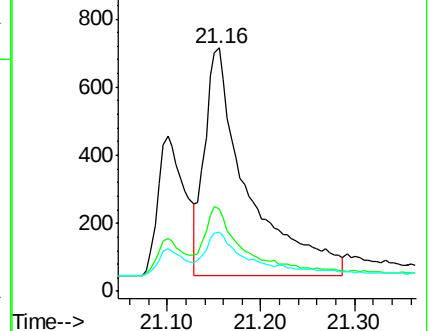
229 24.2 16.6 24.8



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# 3173

Delta R.T. -0.00 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

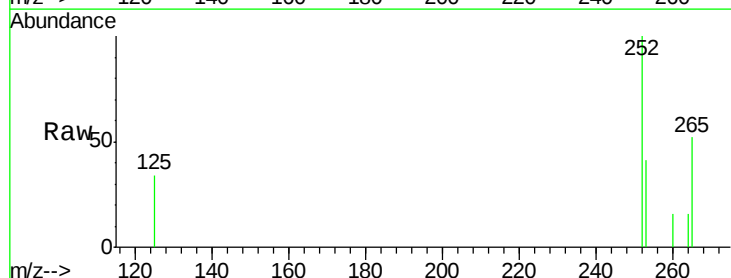
Tgt Ion: 252 Resp: 477

Ion Ratio Lower Upper

252 100

253 41.2 0.0 46.8

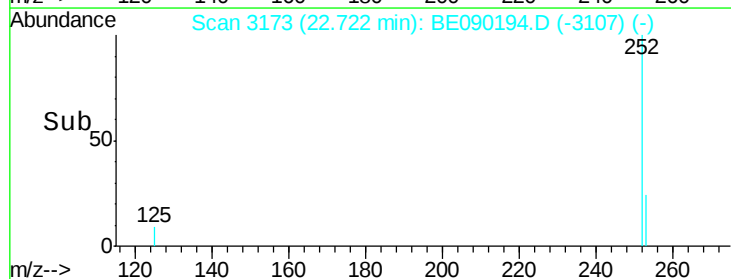
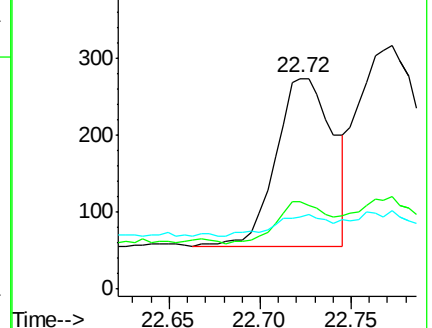
125 34.3 0.0 25.4#

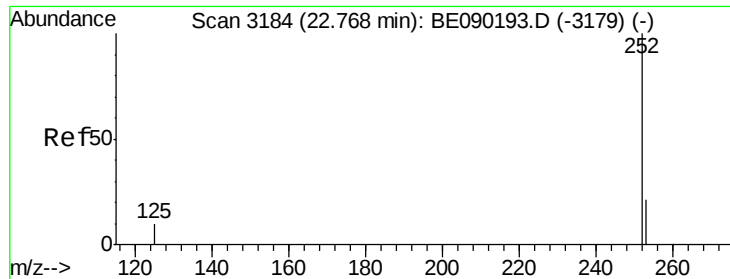


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

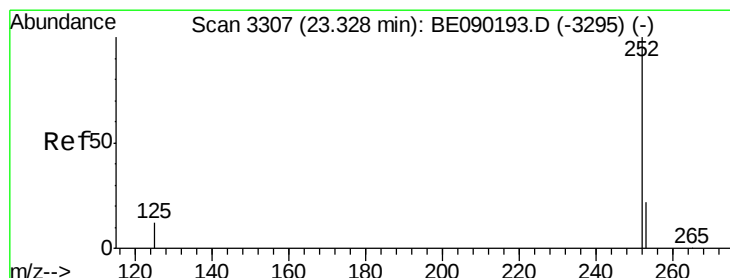
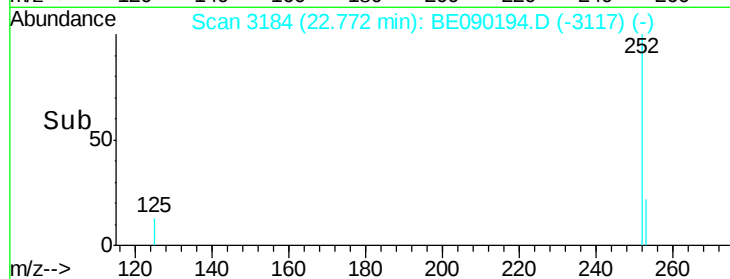
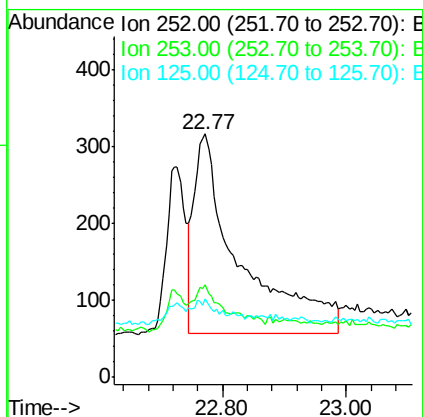
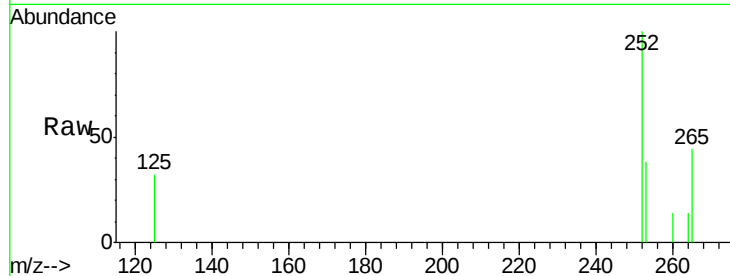
Ion 125.00 (124.70 to 125.70): E





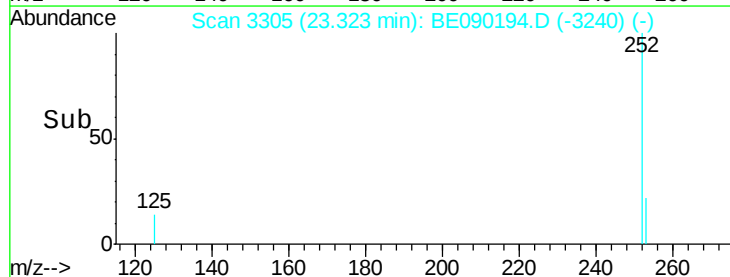
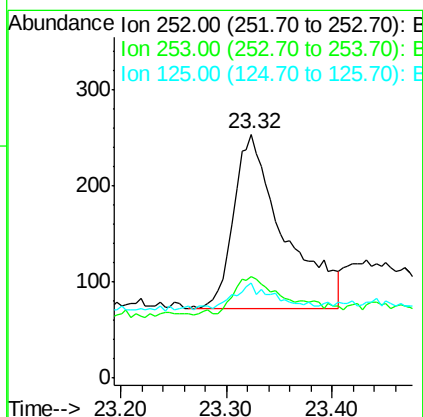
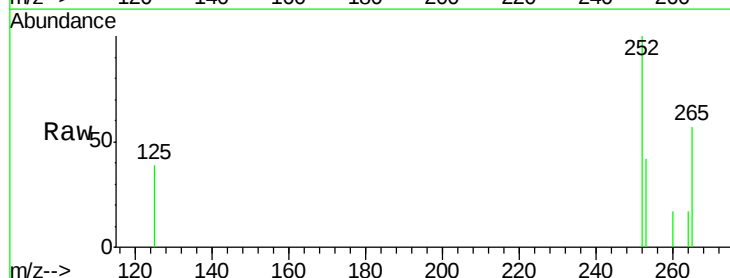
#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.77 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

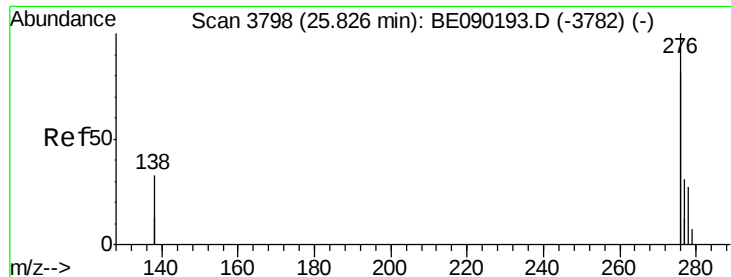
Tgt Ion:252 Resp: 1331
Ion Ratio Lower Upper
252 100
253 37.9 18.3 27.5#
125 32.2 9.8 14.8#



#23
Benzo(a)pyrene
Concen: 0.06 ng/ul
RT: 23.32 min Scan# 3305
Delta R.T. -0.01 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

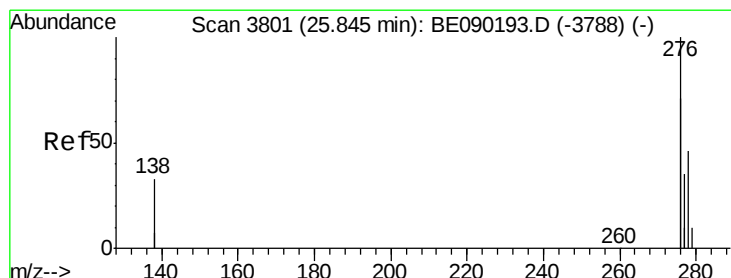
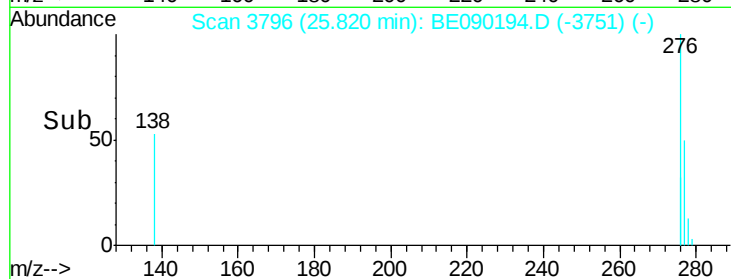
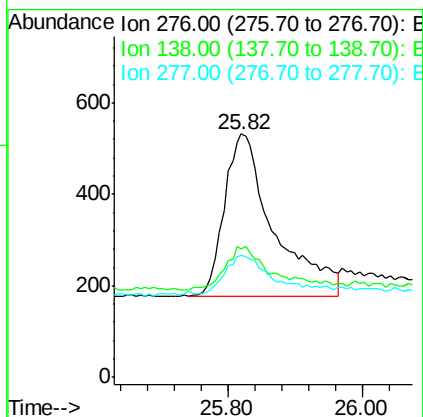
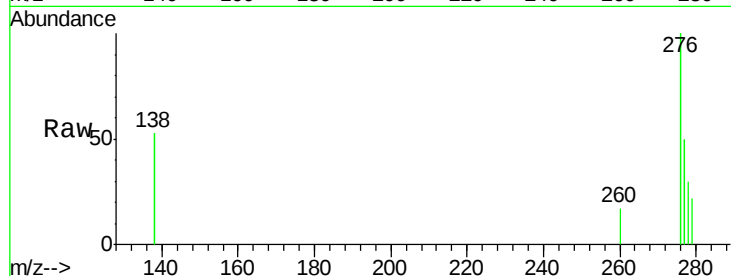
Tgt Ion:252 Resp: 597
Ion Ratio Lower Upper
252 100
253 41.5 18.4 27.6#
125 38.7 11.5 17.3#





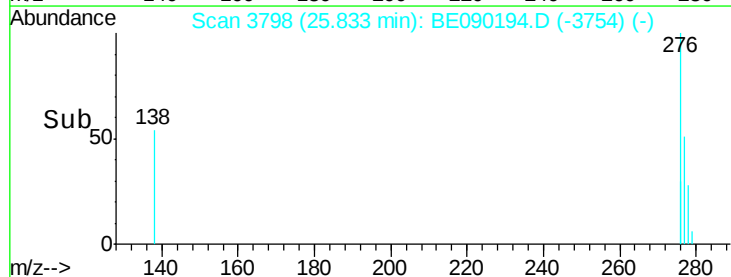
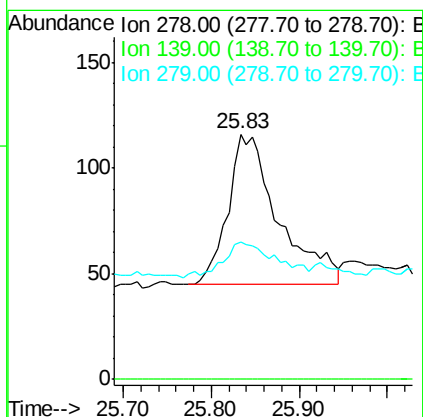
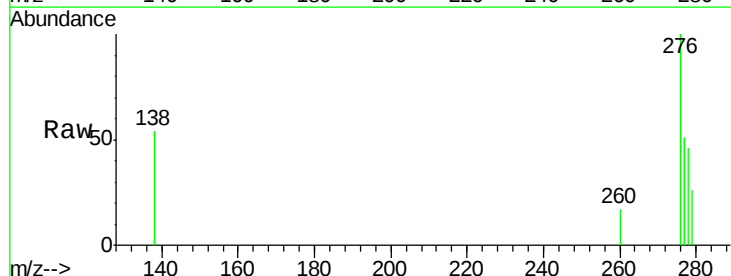
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng/ul
 RT: 25.82 min Scan# 3796
 Delta R.T. -0.01 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

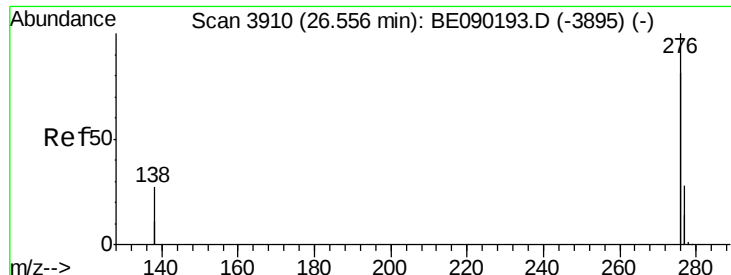
Tgt Ion: 276 Resp: 1828
 Ion Ratio Lower Upper
 276 100
 138 21.9 19.8 29.8
 277 22.5 19.8 29.6



#25
 Dibenzo(a,h)anthracene
 Concen: 0.03 ng/ul
 RT: 25.83 min Scan# 3798
 Delta R.T. -0.01 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

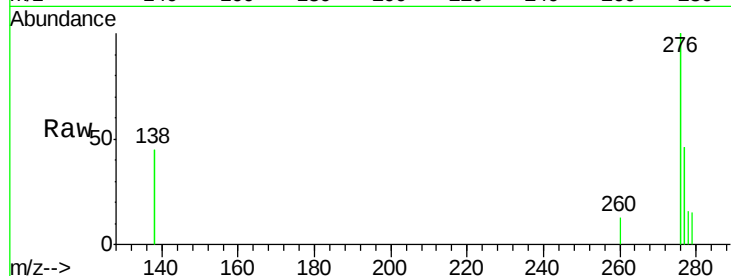
Tgt Ion: 278 Resp: 284
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 56.0 20.0 30.0#





#26
 Benzo(g,h,i)perylene
 Concen: 0.06 ng/ul
 RT: 26.56 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	46.2	20.6	31.0
138	45.3	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

