

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090186.D
 Acq On : 20 Jul 2015 21:53
 Operator : TP/IZ
 Sample : MDL-01-W
 Misc : MDL-WATER-SIM2.2-0.07PPM
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 21 05:31:40 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	892	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	4347	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	2507	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6654	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	6387	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5059	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2641	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	7704	0.38	ng/ul	0.00

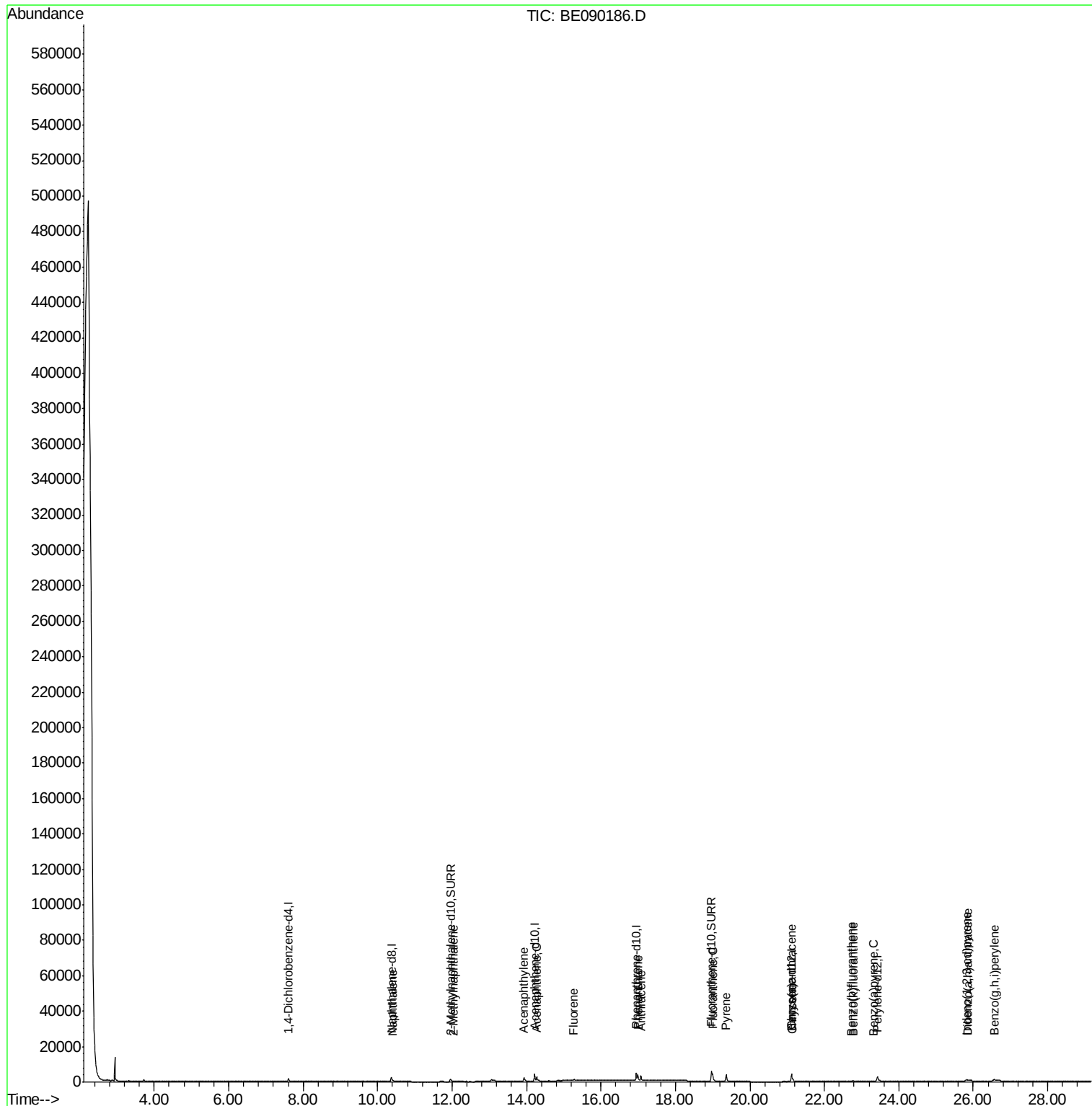
Target Compounds

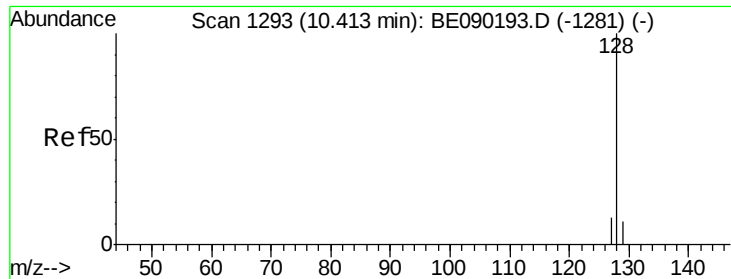
						Qvalue
3) Naphthalene	10.42	128	638	0.06	ng/ul#	74
5) 2-Methylnaphthalene	12.03	142	418	0.05	ng/ul	98
7) Acenaphthylene	13.93	152	2848	0.05	ng/ul#	84
8) Acenaphthene	14.27	153	2112	0.06	ng/ul	92
9) Fluorene	15.27	166	627	0.06	ng/ul#	93
12) Phenanthrene	16.99	178	4276	0.06	ng/ul#	88
13) Anthracene	17.07	178	3996	0.05	ng/ul#	86
15) Fluoranthene	19.00	202	5171	0.06	ng/ul	88
17) Pyrene	19.36	202	5128	0.06	ng/ul#	92
18) Benzo(a)anthracene	21.10	228	740	0.04	ng/ul#	85
19) Chrysene	21.15	228	1305m	0.07	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	541	0.04	ng/ul#	66
22) Benzo(k)fluoranthene	22.77	252	986m	0.05	ng/ul	
23) Benzo(a)pyrene	23.32	252	589	0.04	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	25.82	276	2317	0.03	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.85	278	344	0.03	ng/ul#	39
26) Benzo(g,h,i)perylene	26.56	276	2764	0.05	ng/ul#	62

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

```
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Operator  : TP/IZ  
Sample    : MDL-01-W  
Misc      : MDL-WATER-SIM2.2-0.07PPM  
ALS Vial  : 9   Sample Multiplier: 1
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Quant Time: Jul 21 05:31:40 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
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#3

Naphthalene

Concen: 0.06 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BE090186.D

Acq: 20 Jul 2015 21:53

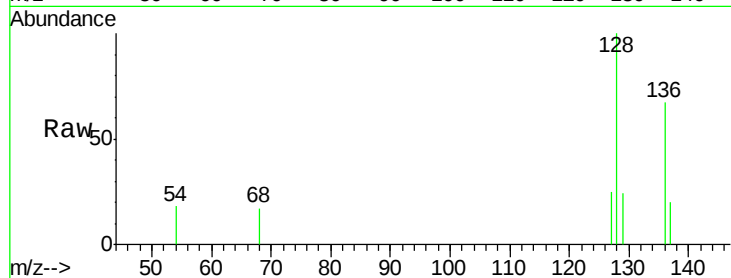
Tgt Ion:128 Resp: 638

Ion Ratio Lower Upper

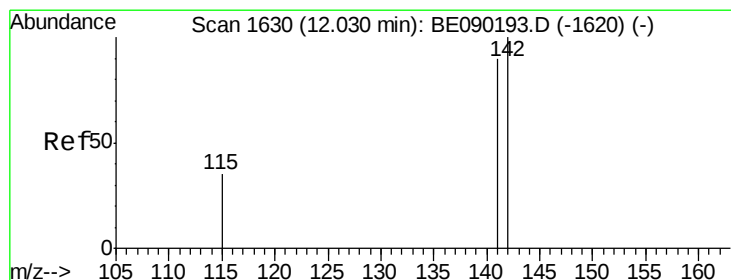
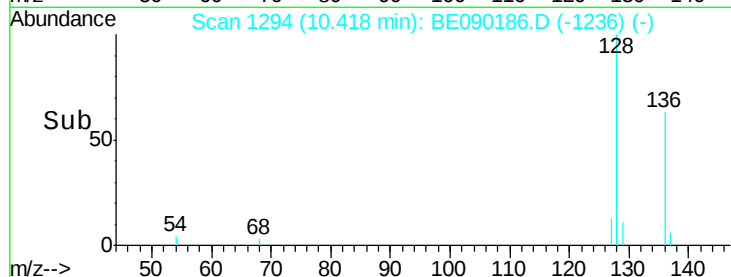
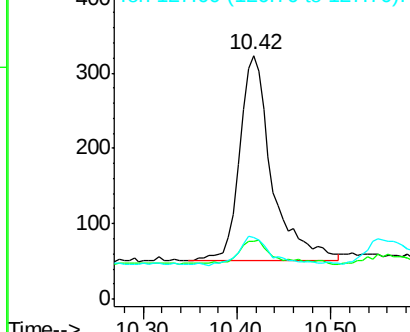
128 100

129 23.5 10.2 15.4#

127 25.4 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



#5

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 12.03 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE090186.D

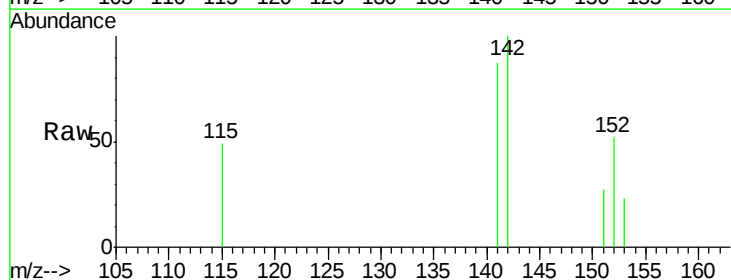
Acq: 20 Jul 2015 21:53

Tgt Ion:142 Resp: 418

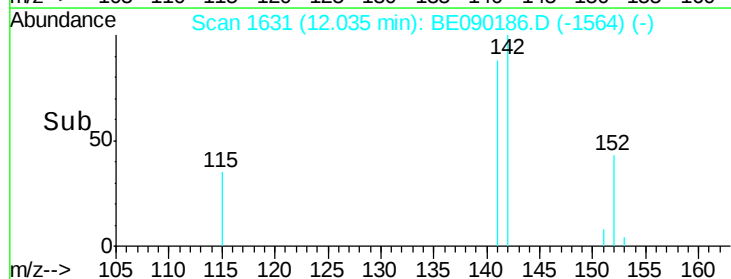
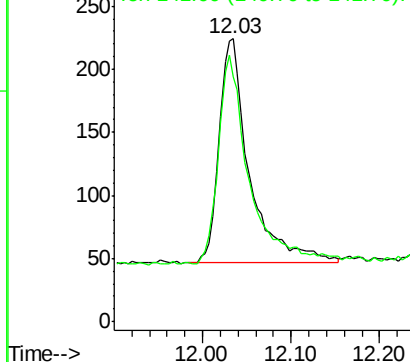
Ion Ratio Lower Upper

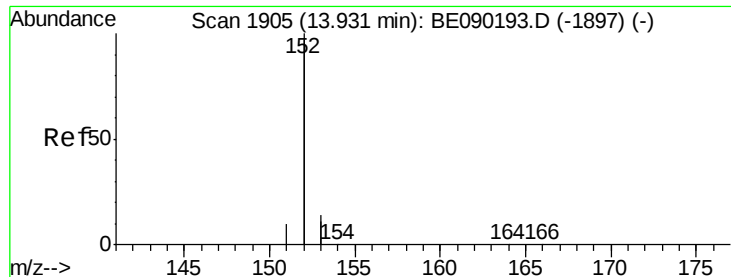
142 100

141 93.3 73.4 110.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BE090186.D

Acq: 20 Jul 2015 21:53

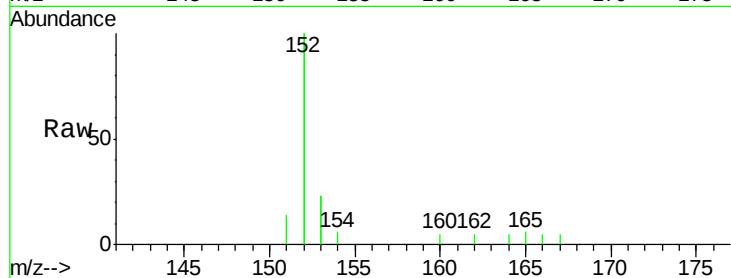
Tgt Ion:152 Resp: 2848

Ion Ratio Lower Upper

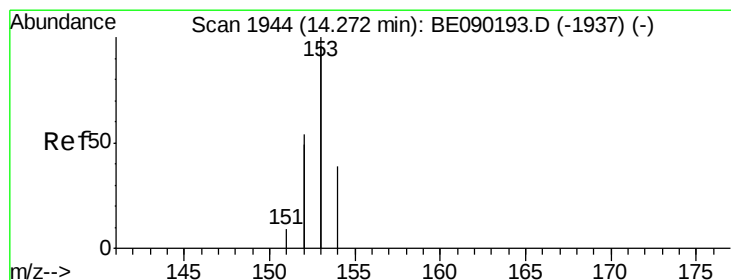
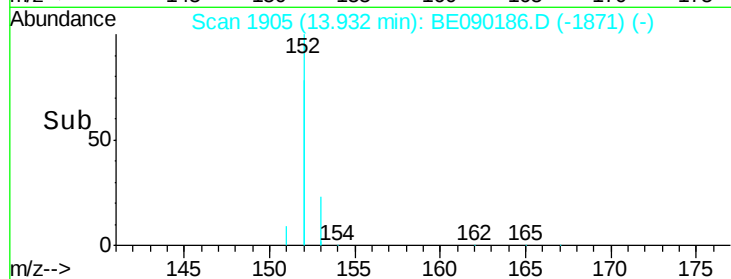
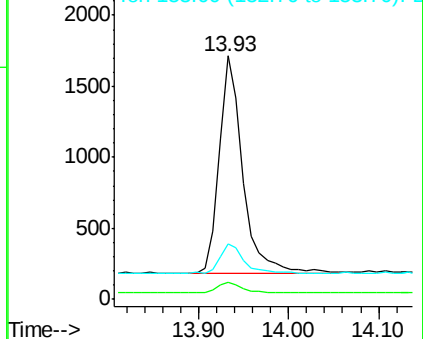
152 100

151 7.1 4.2 6.4#

153 23.0 11.9 17.9#



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



#8

Acenaphthene

Concen: 0.06 ng/ul

RT: 14.27 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BE090186.D

Acq: 20 Jul 2015 21:53

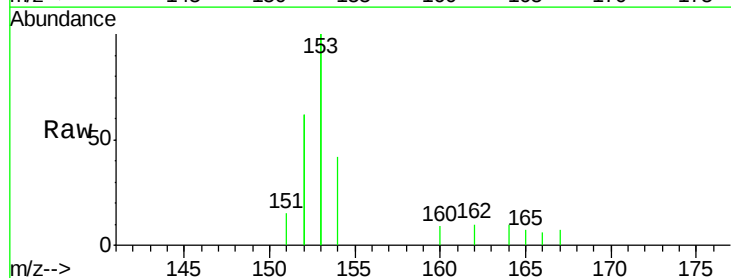
Tgt Ion:153 Resp: 2112

Ion Ratio Lower Upper

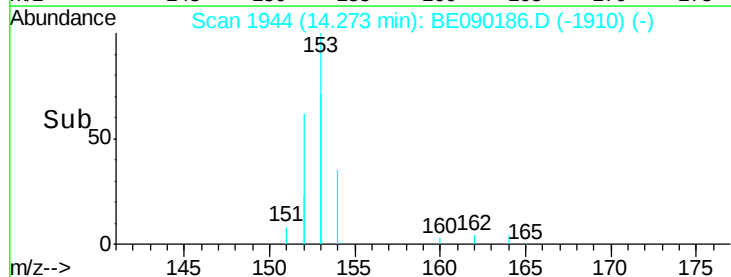
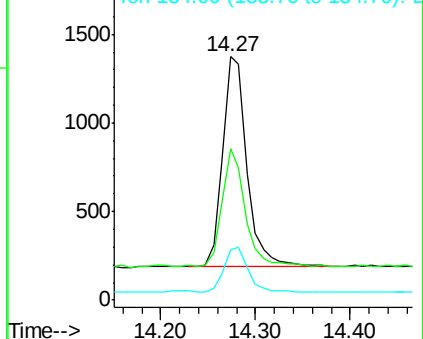
153 100

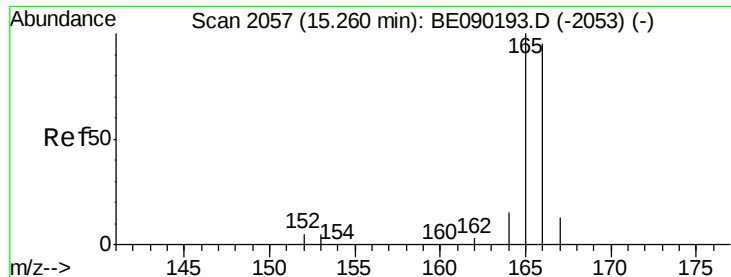
152 62.3 43.8 65.8

154 20.9 16.8 25.2



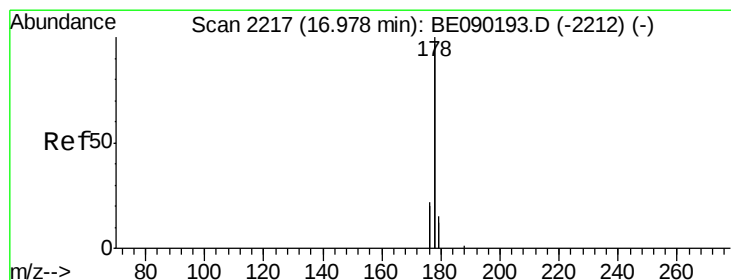
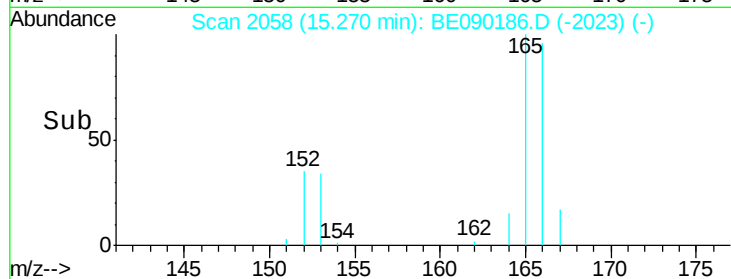
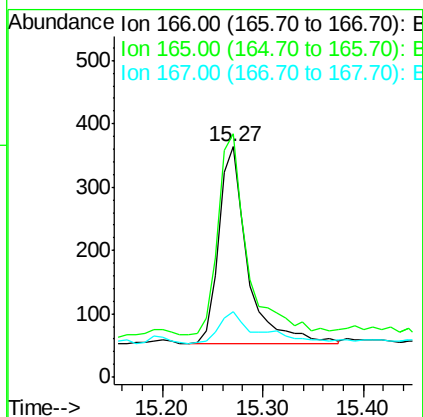
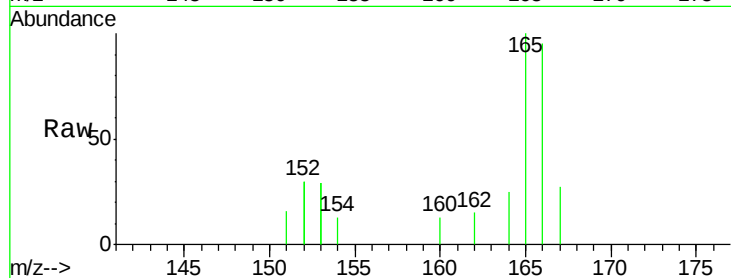
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





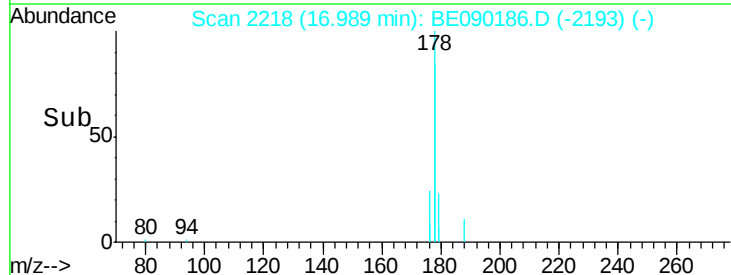
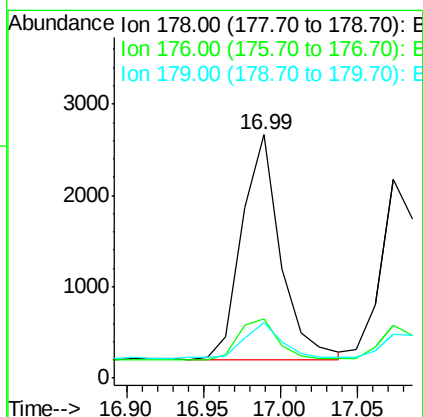
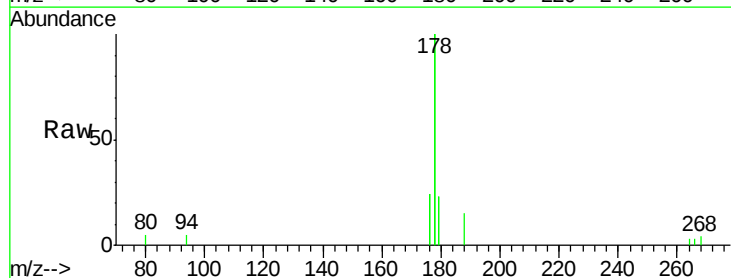
#9
Fluorene
 Concen: 0.06 ng/ul
 RT: 15.27 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BE090186.D
 Acq: 20 Jul 2015 21:53

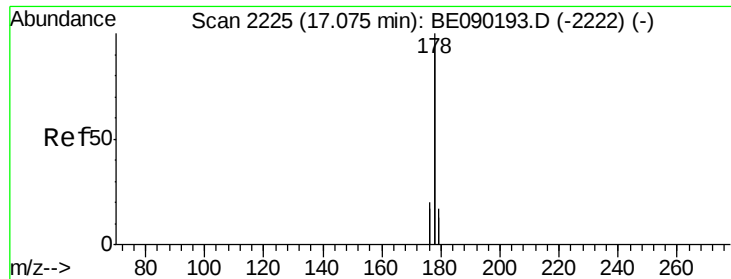
Tgt Ion:166 Resp: 627
 Ion Ratio Lower Upper
 166 100
 165 105.5 81.2 121.8
 167 28.6 12.6 19.0#



#12
Phenanthrene
 Concen: 0.06 ng/ul
 RT: 16.99 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BE090186.D
 Acq: 20 Jul 2015 21:53

Tgt Ion:178 Resp: 4276
 Ion Ratio Lower Upper
 178 100
 176 24.3 15.3 22.9#
 179 23.0 14.0 21.0#





#13

Anthracene

Concen: 0.05 ng/ul

RT: 17.07 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BE090186.D

Acq: 20 Jul 2015 21:53

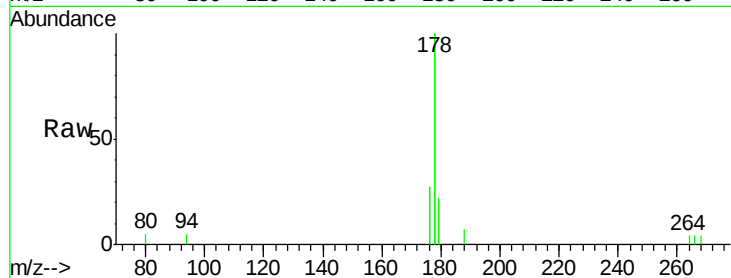
Tgt Ion:178 Resp: 3996

Ion Ratio Lower Upper

178 100

176 26.9 16.0 24.0#

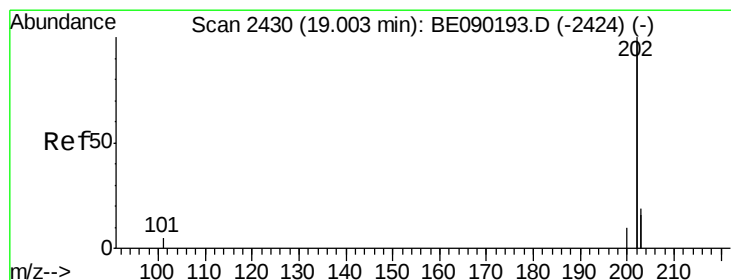
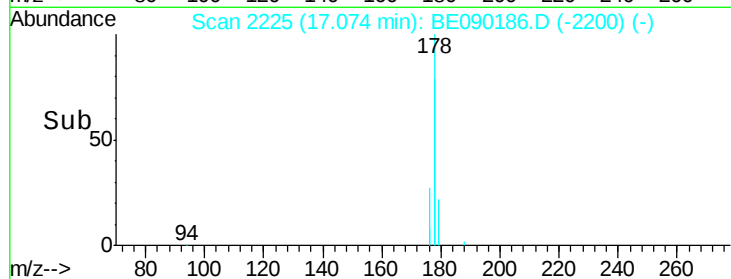
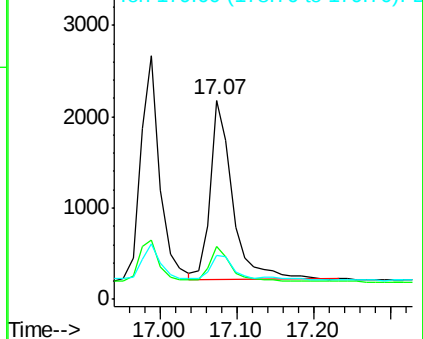
179 21.9 13.4 20.0#



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: 0.06 ng/ul

RT: 19.00 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BE090186.D

Acq: 20 Jul 2015 21:53

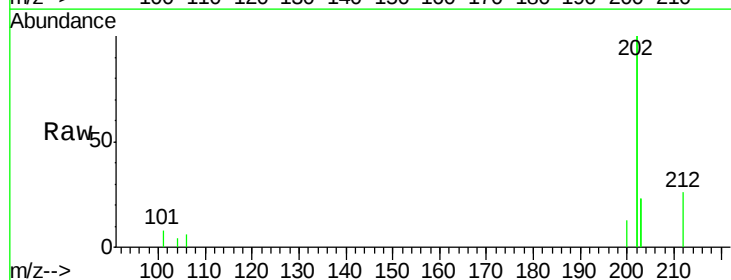
Tgt Ion:202 Resp: 5171

Ion Ratio Lower Upper

202 100

101 3.8 0.0 23.0

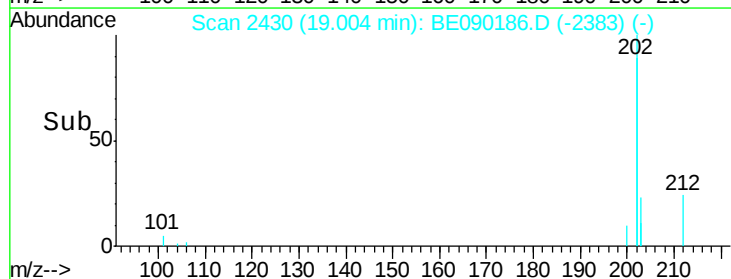
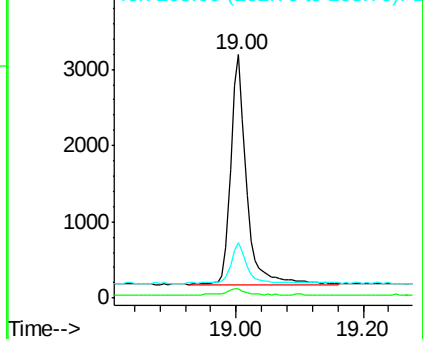
203 23.0 0.0 37.0

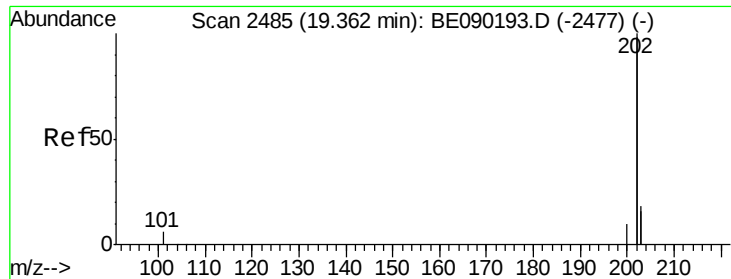


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

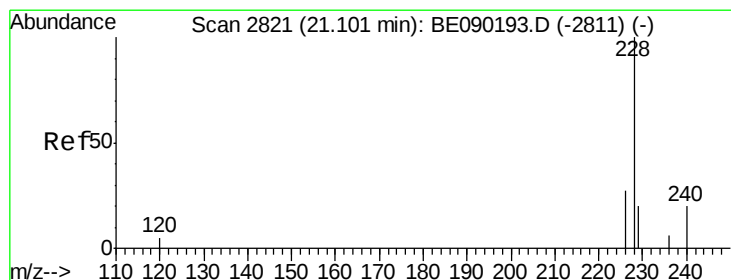
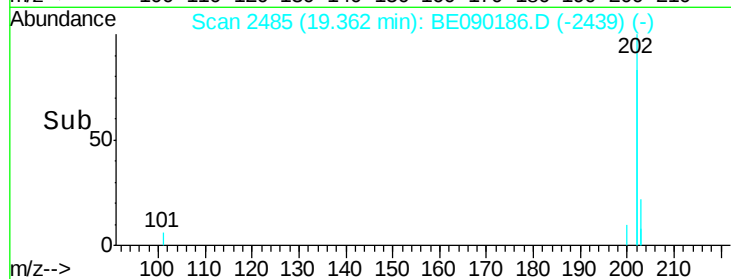
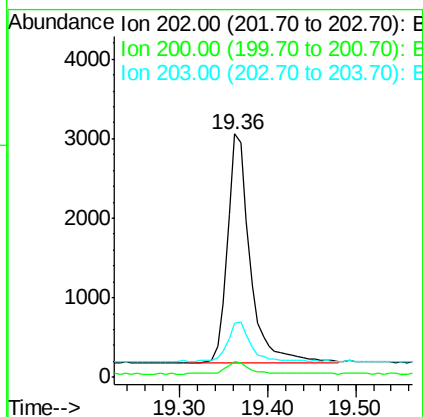
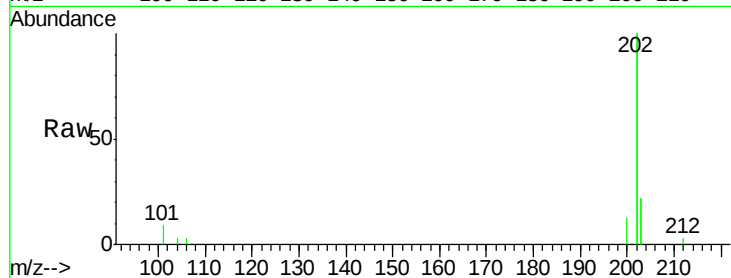
Ion 203.00 (202.70 to 203.70): E





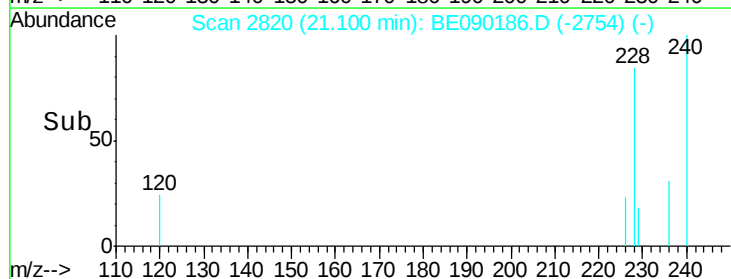
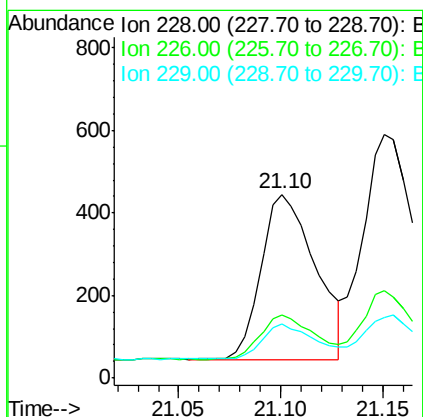
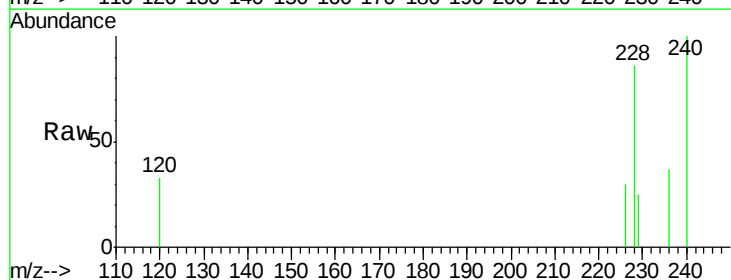
#17
Pyrene
Concen: 0.06 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

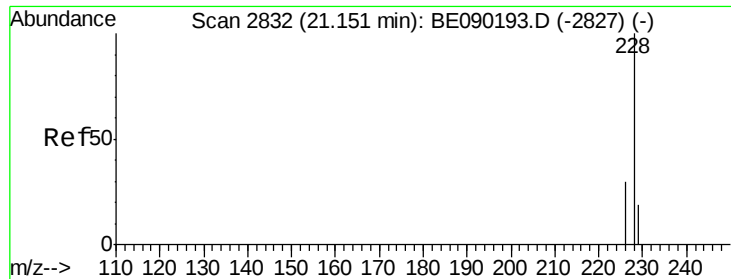
Tgt Ion: 202 Resp: 5128
Ion Ratio Lower Upper
202 100
200 6.6 4.3 6.5#
203 22.2 14.6 21.8#



#18
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion: 228 Resp: 740
Ion Ratio Lower Upper
228 100
226 34.6 22.2 33.4#
229 29.7 16.9 25.3#





#19

Chrysene

Concen: 0.07 ng/ul m

RT: 21.15 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE090186.D

Acq: 20 Jul 2015 21:53

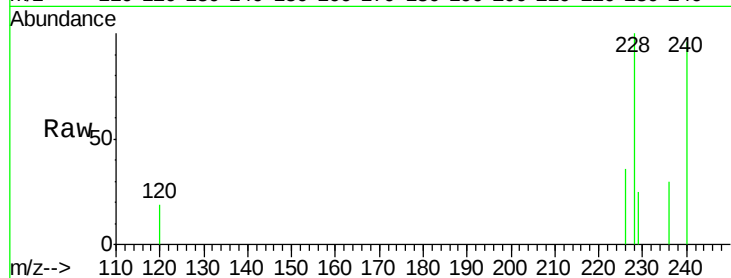
Tgt Ion: 228 Resp: 1305

Ion Ratio Lower Upper

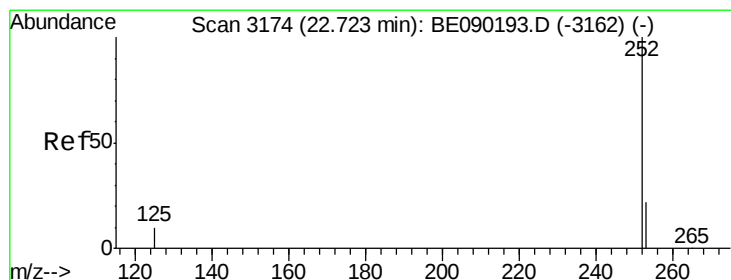
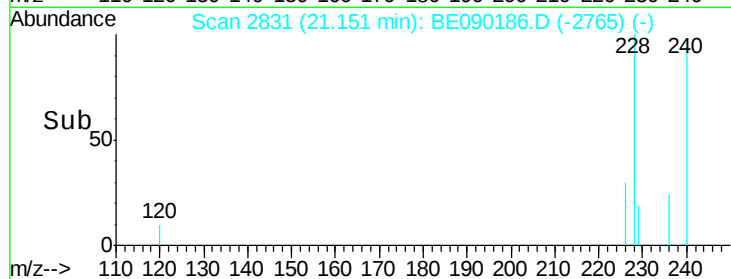
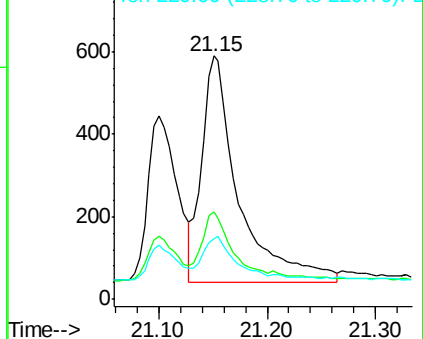
228 100

226 35.8 24.3 36.5

229 25.1 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: 0.04 ng/ul

RT: 22.73 min Scan# 3174

Delta R.T. 0.01 min

Lab File: BE090186.D

Acq: 20 Jul 2015 21:53

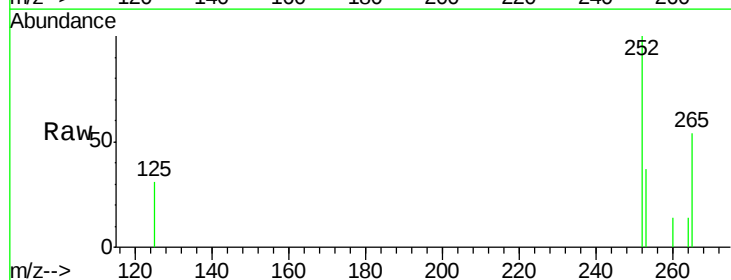
Tgt Ion: 252 Resp: 541

Ion Ratio Lower Upper

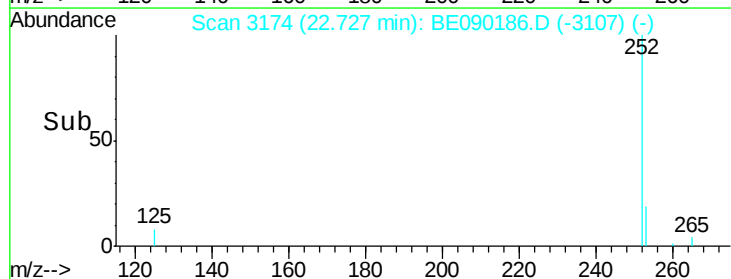
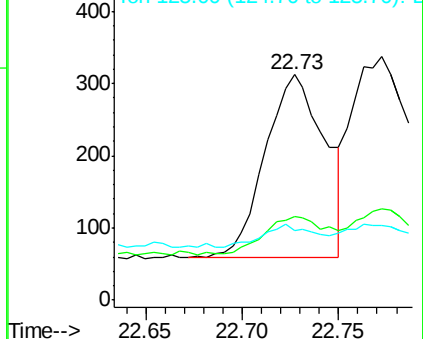
252 100

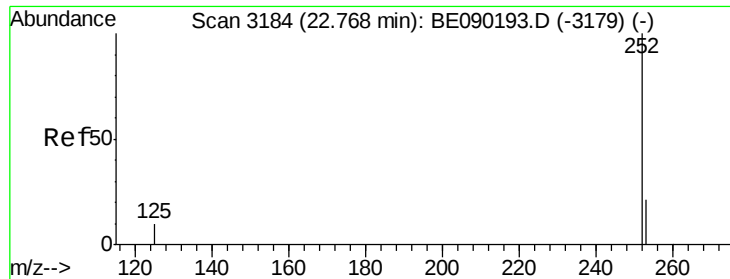
253 36.9 0.0 46.8

125 30.8 0.0 25.4#



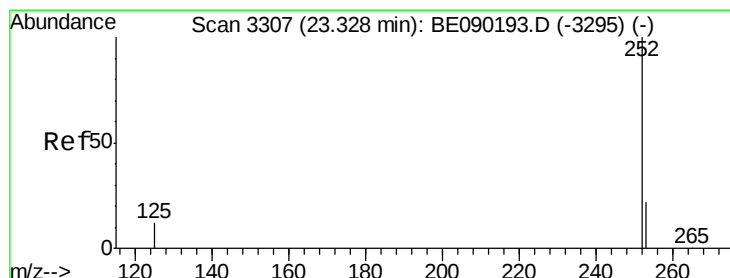
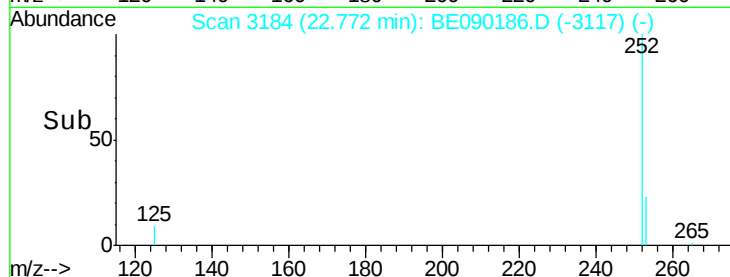
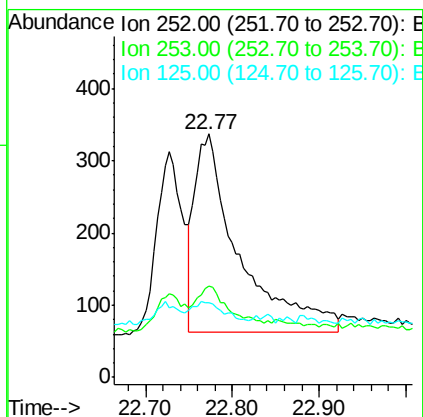
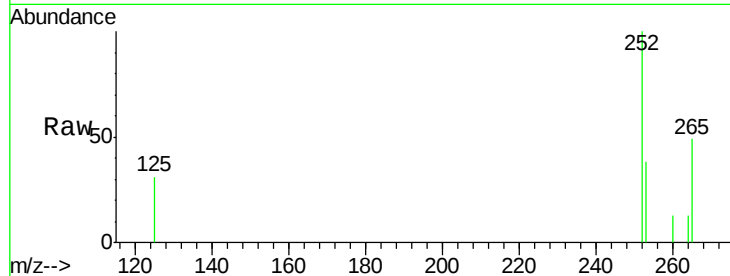
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





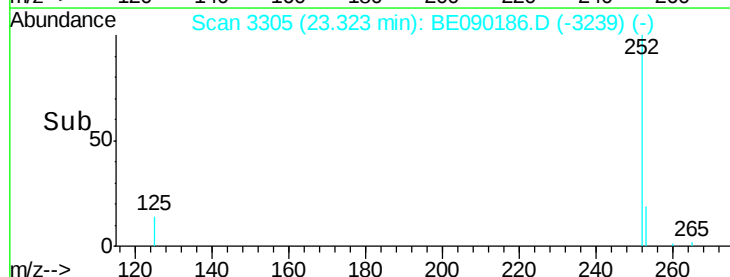
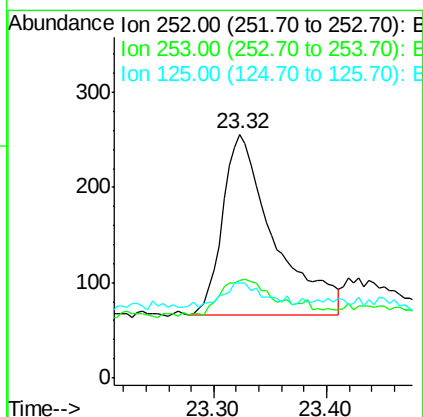
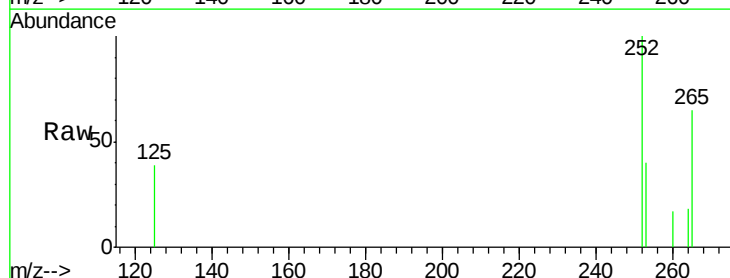
#22
Benzo(k)fluoranthene
Concen: 0.05 ng/ul m
RT: 22.77 min Scan# 3184
Delta R.T. 0.01 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

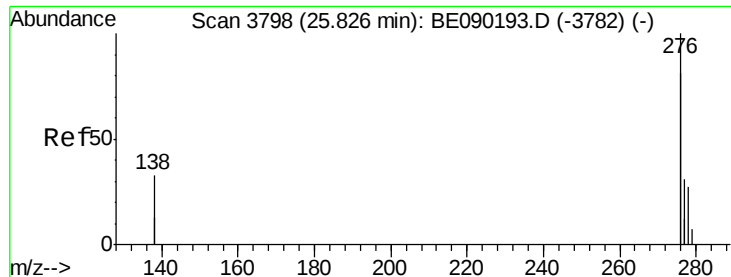
Tgt Ion: 252 Resp: 986
Ion Ratio Lower Upper
252 100
253 37.7 18.3 27.5#
125 30.6 9.8 14.8#



#23
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 23.32 min Scan# 3305
Delta R.T. 0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

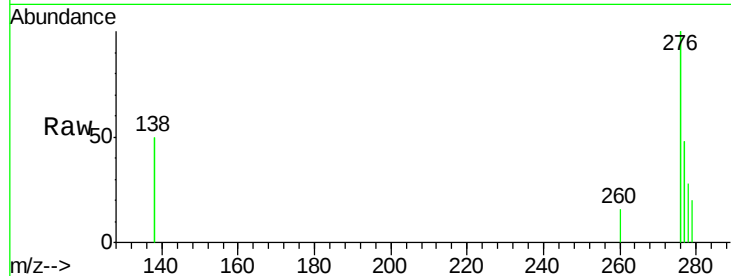
Tgt Ion: 252 Resp: 589
Ion Ratio Lower Upper
252 100
253 40.2 18.4 27.6#
125 39.1 11.5 17.3#



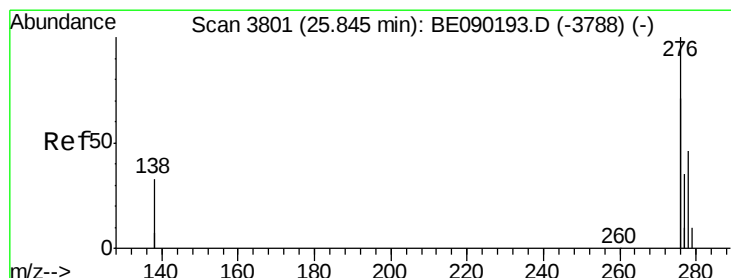
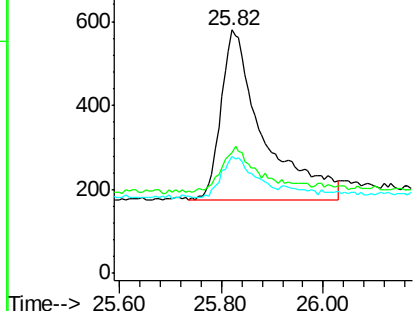
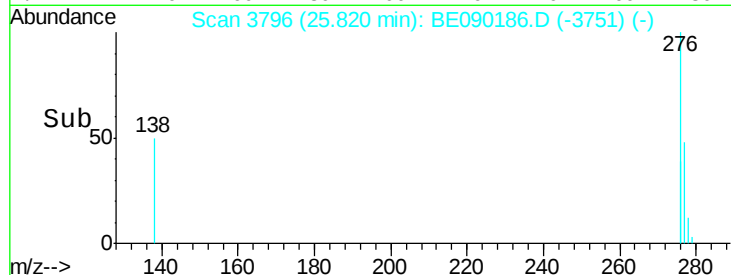


#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng/ul
 RT: 25.82 min Scan# 3796
 Delta R.T. -0.01 min
 Lab File: BE090186.D
 Acq: 20 Jul 2015 21:53

Tgt Ion: 276 Resp: 2317
 Ion Ratio Lower Upper
 276 100
 138 20.9 19.8 29.8
 277 18.8 19.8 29.6#

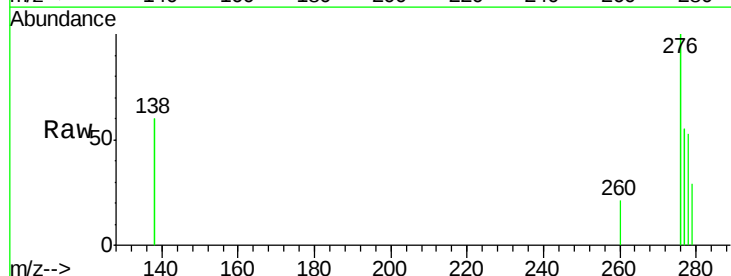


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

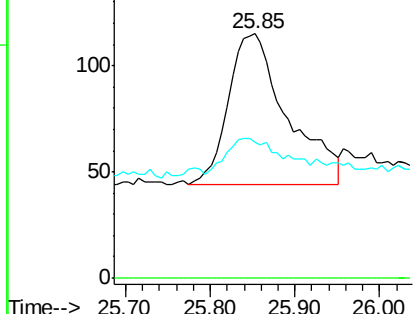
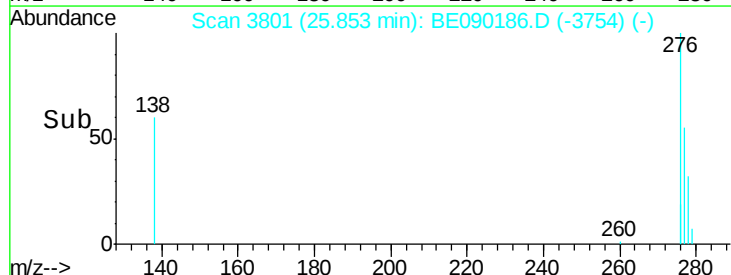


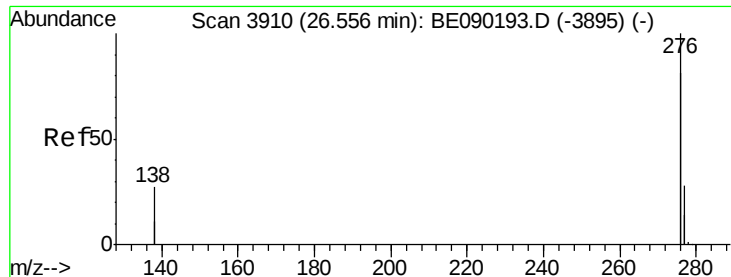
#25
 Dibenzo(a,h)anthracene
 Concen: 0.03 ng/ul
 RT: 25.85 min Scan# 3801
 Delta R.T. 0.01 min
 Lab File: BE090186.D
 Acq: 20 Jul 2015 21:53

Tgt Ion: 278 Resp: 344
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 55.7 20.0 30.0#



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





#26
 Benzo(g,h,i)perylene
 Concen: 0.05 ng/ul
 RT: 26.56 min Scan# 3910
 Delta R.T. 0.01 min
 Lab File: BE090186.D
 Acq: 20 Jul 2015 21:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	44.2	20.6	31.0
138	43.9	19.3	28.9

