

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090187.D
 Acq On : 20 Jul 2015 22:31
 Operator : TP/IZ
 Sample : MDL-02-W
 Misc : MDL-WATER-SIM2.2-0.07PPM
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 21 05:36:18 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	872	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	4275	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2506	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6519	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	6149	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4880	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2410	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	6963	0.35	ng/ul	0.00

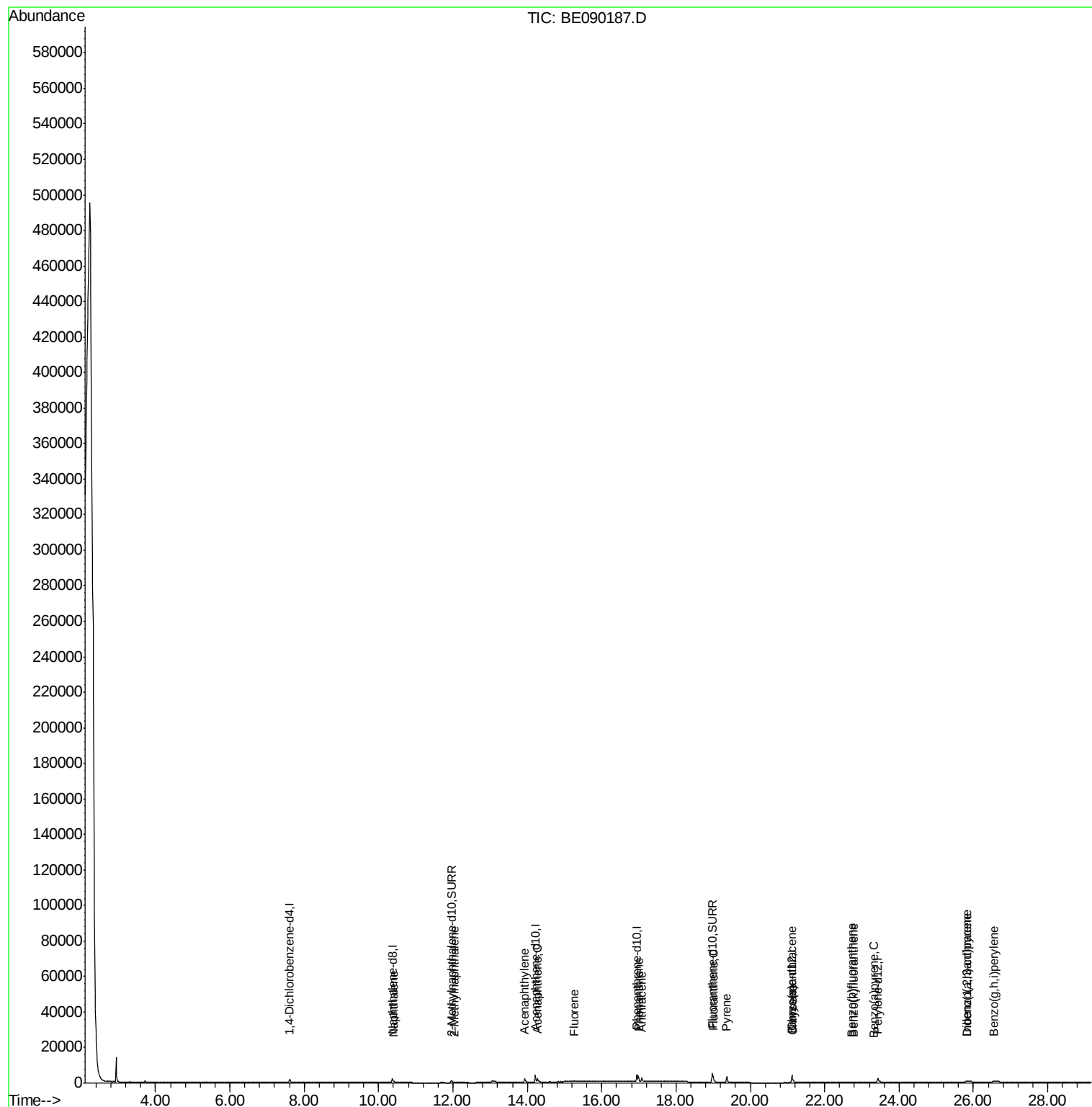
Target Compounds

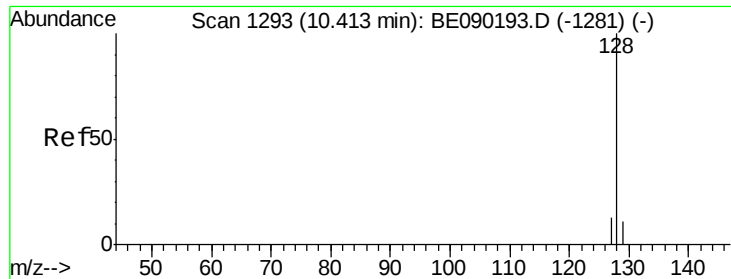
						Qvalue
3) Naphthalene	10.42	128	605	0.05	ng/ul#	73
5) 2-Methylnaphthalene	12.03	142	377	0.05	ng/ul	95
7) Acenaphthylene	13.93	152	2662	0.05	ng/ul#	85
8) Acenaphthene	14.27	153	1880	0.05	ng/ul	92
9) Fluorene	15.27	166	556	0.05	ng/ul#	93
12) Phenanthrene	16.99	178	3925	0.05	ng/ul#	87
13) Anthracene	17.07	178	3772	0.05	ng/ul#	85
15) Fluoranthene	19.00	202	4517	0.05	ng/ul	88
17) Pyrene	19.36	202	4566	0.06	ng/ul#	91
18) Benzo(a)anthracene	21.10	228	658	0.04	ng/ul#	82
19) Chrysene	21.15	228	1079	0.06	ng/ul#	90
21) Benzo(b)fluoranthene	22.73	252	411	0.03	ng/ul#	54
22) Benzo(k)fluoranthene	22.77	252	935m	0.05	ng/ul	
23) Benzo(a)pyrene	23.32	252	505	0.04	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.83	276	1841	0.03	ng/ul	92
25) Dibenzo(a,h)anthracene	25.84	278	320	0.02	ng/ul#	36
26) Benzo(g,h,i)perylene	26.56	276	2213	0.04	ng/ul#	56

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

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#3

Naphthalene

Concen: 0.05 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

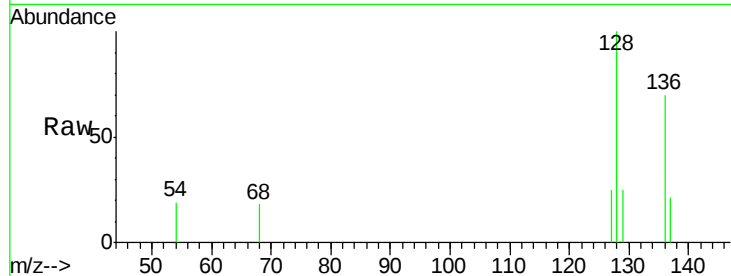
Tgt Ion:128 Resp: 605

Ion Ratio Lower Upper

128 100

129 24.5 10.2 15.4#

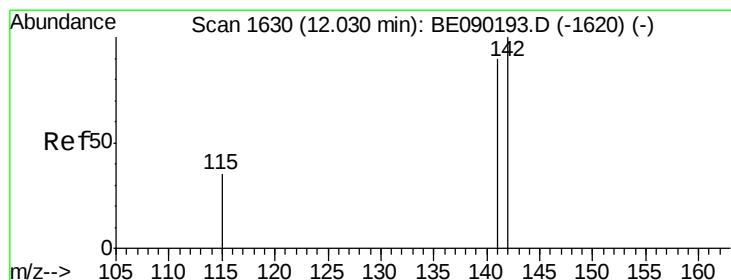
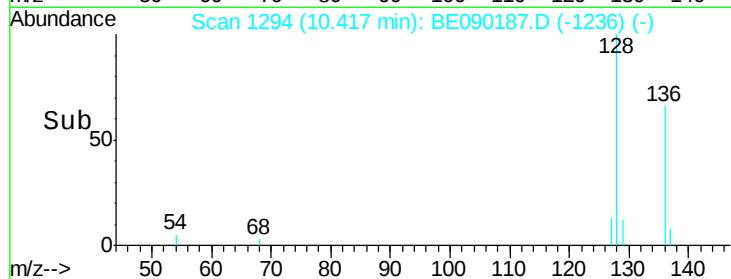
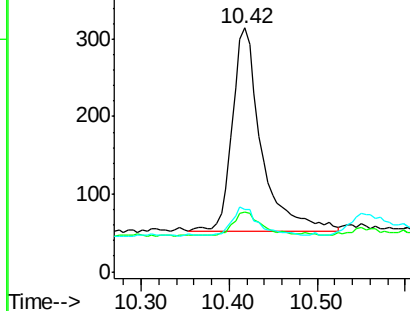
127 25.5 11.9 17.9#



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# 1630

Delta R.T. 0.00 min

Lab File: BE090187.D

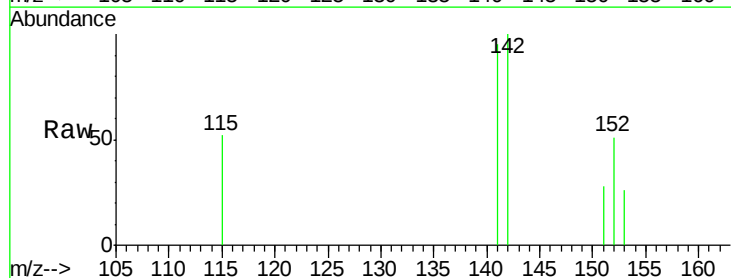
Acq: 20 Jul 2015 22:31

Tgt Ion:142 Resp: 377

Ion Ratio Lower Upper

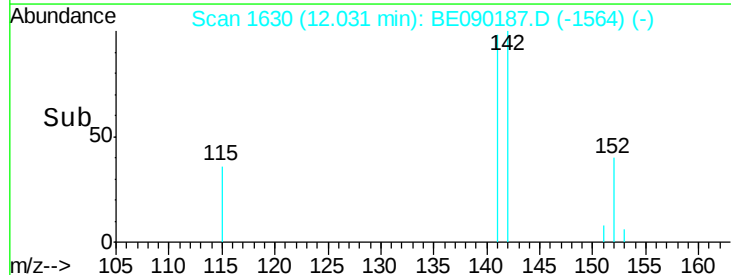
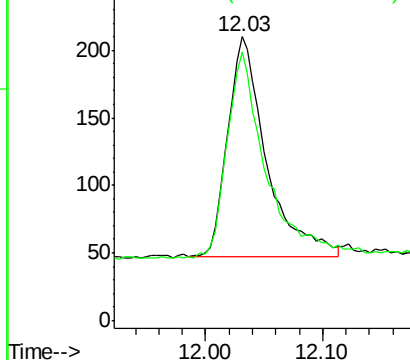
142 100

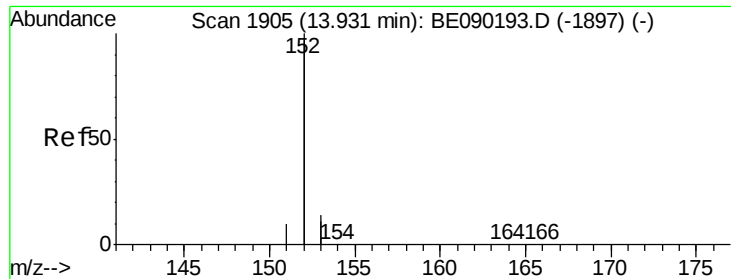
141 96.6 73.4 110.2



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

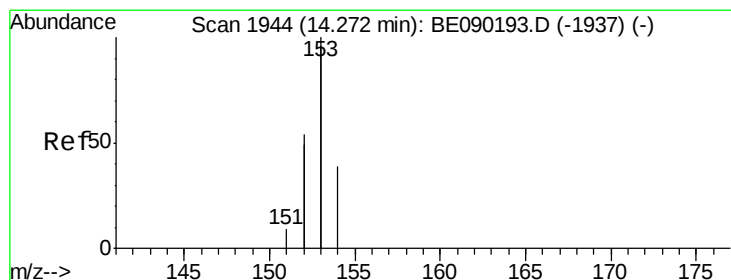
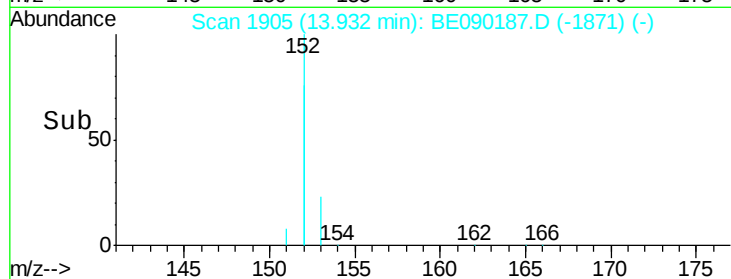
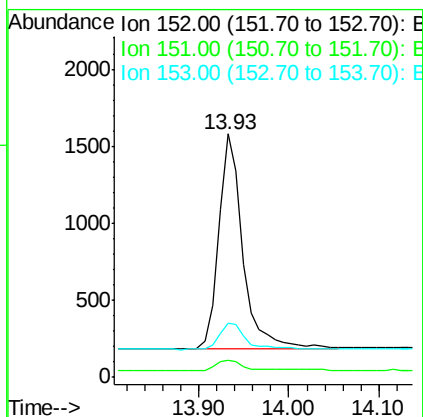
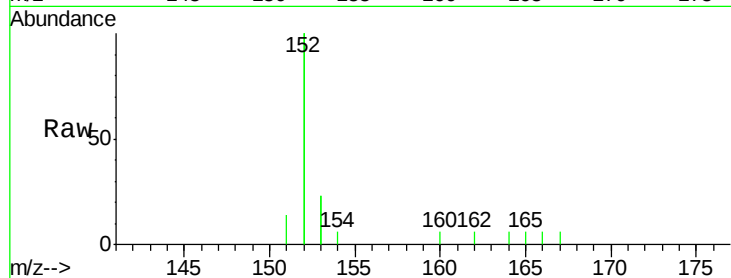
RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

Tgt Ion:	152	Resp:	2662
Ion	Ratio	Lower	Upper
152	100		
151	7.2	4.2	6.4#
153	22.5	11.9	17.9#



#8

Acenaphthene

Concen: 0.05 ng/ul

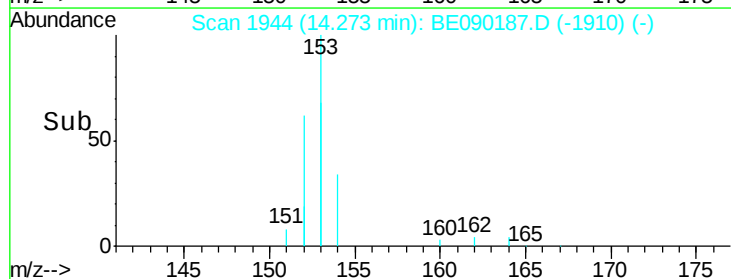
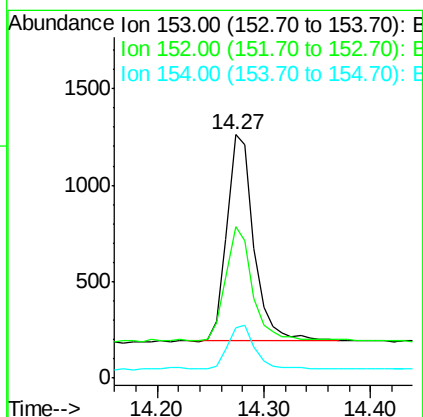
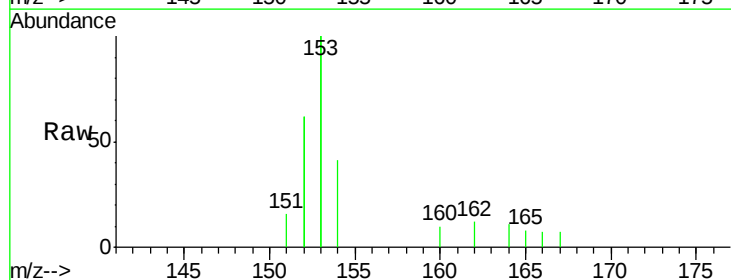
RT: 14.27 min Scan# 1944

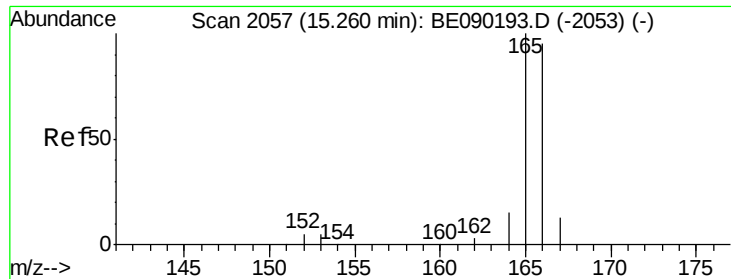
Delta R.T. -0.00 min

Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

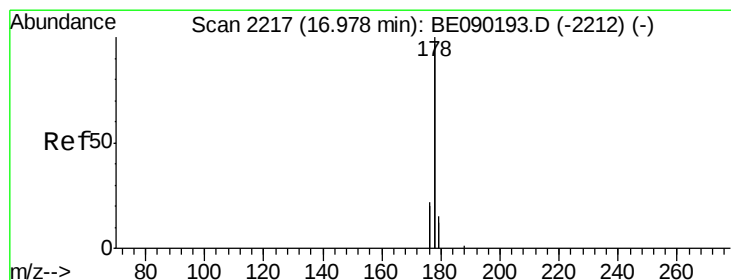
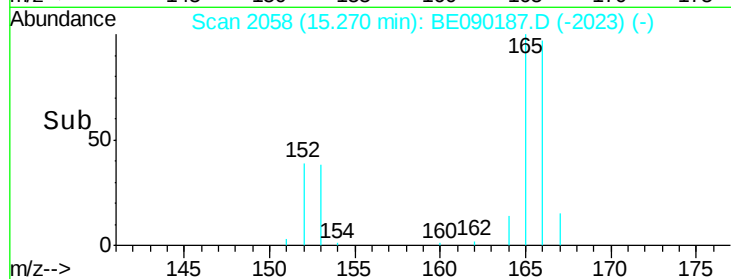
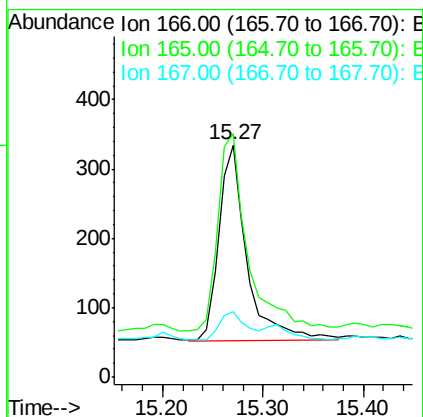
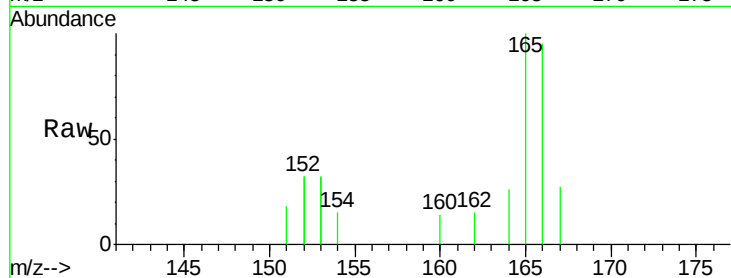
Tgt Ion:	153	Resp:	1880
Ion	Ratio	Lower	Upper
153	100		
152	62.3	43.8	65.8
154	20.4	16.8	25.2





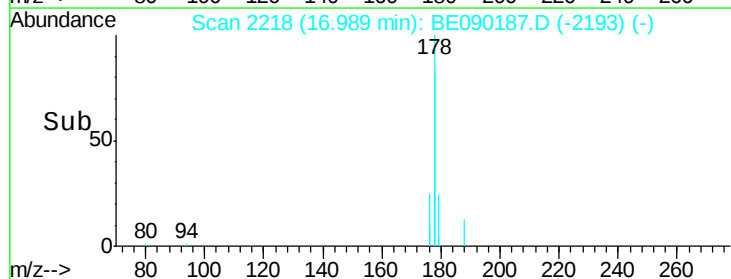
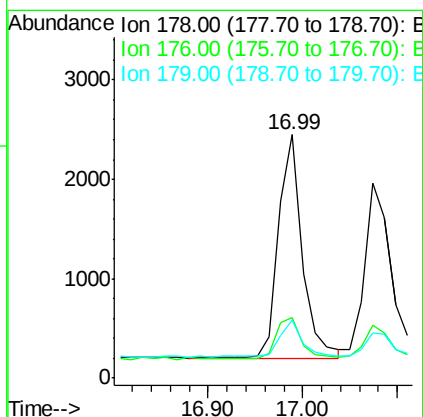
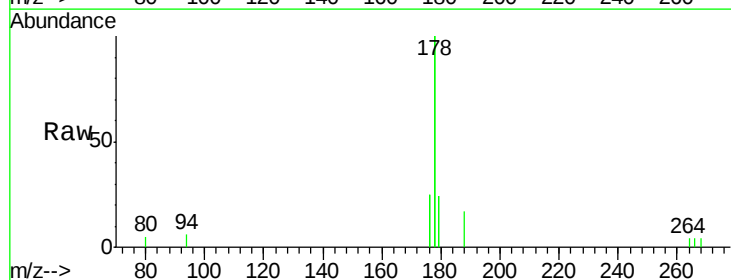
#9
Fluorene
 Concen: 0.05 ng/ul
 RT: 15.27 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BE090187.D
 Acq: 20 Jul 2015 22:31

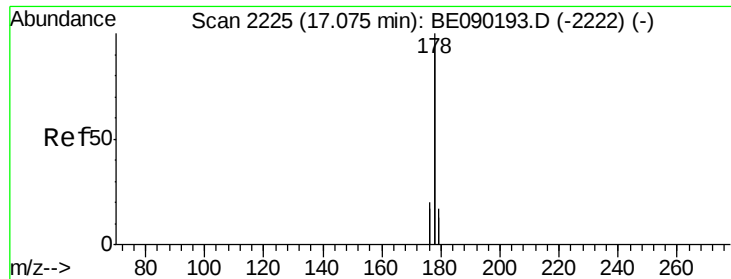
Tgt Ion:166 Resp: 556
 Ion Ratio Lower Upper
 166 100
 165 104.8 81.2 121.8
 167 28.1 12.6 19.0#



#12
Phenanthrene
 Concen: 0.05 ng/ul
 RT: 16.99 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BE090187.D
 Acq: 20 Jul 2015 22:31

Tgt Ion:178 Resp: 3925
 Ion Ratio Lower Upper
 178 100
 176 24.9 15.3 22.9#
 179 23.7 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: BE090187.D

Acq: 20 Jul 2015 22:31

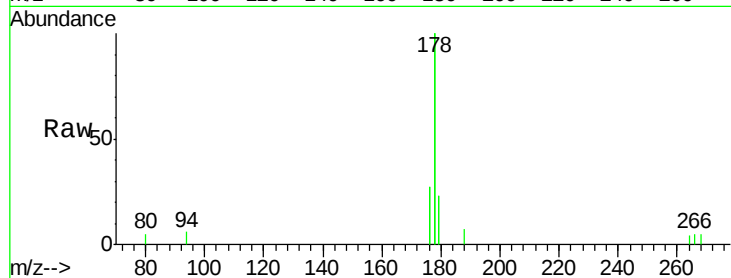
Tgt Ion:178 Resp: 3772

Ion Ratio Lower Upper

178 100

176 27.2 16.0 24.0#

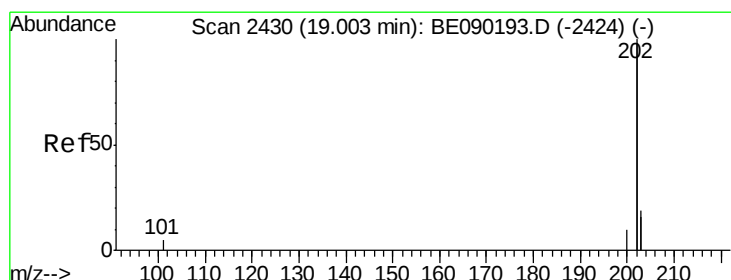
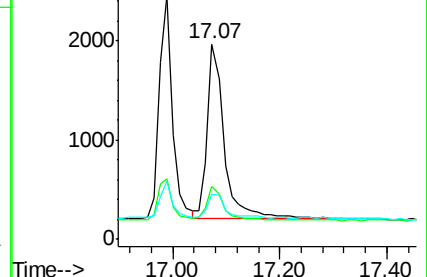
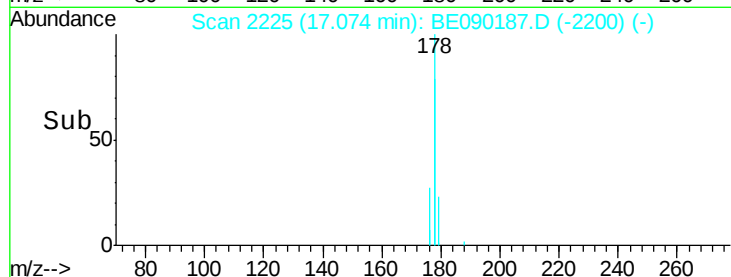
179 23.0 13.4 20.0#



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: 0.05 ng/ul

RT: 19.00 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

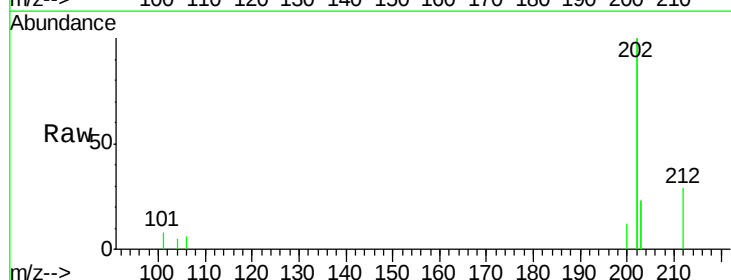
Tgt Ion:202 Resp: 4517

Ion Ratio Lower Upper

202 100

101 3.8 0.0 23.0

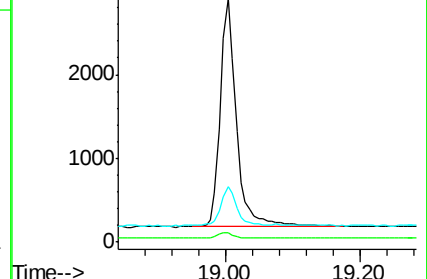
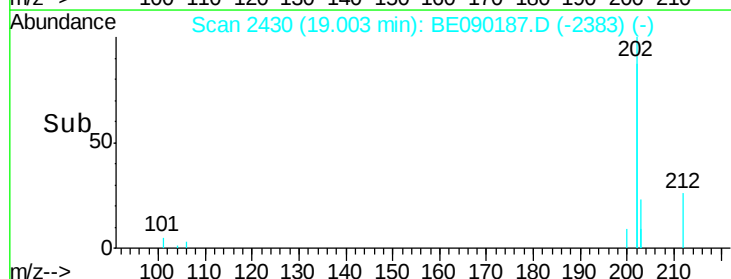
203 22.8 0.0 37.0

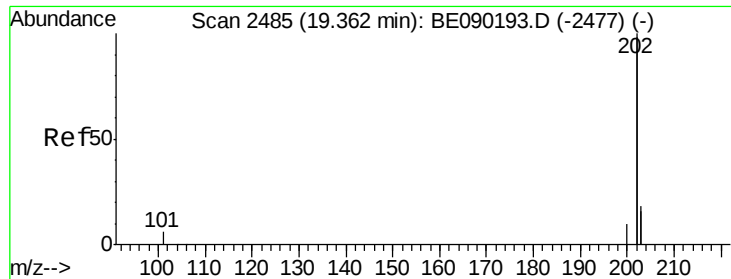


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

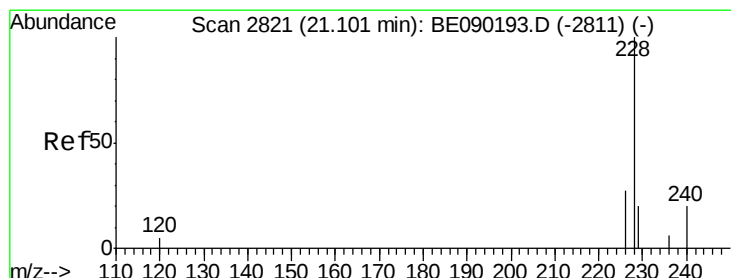
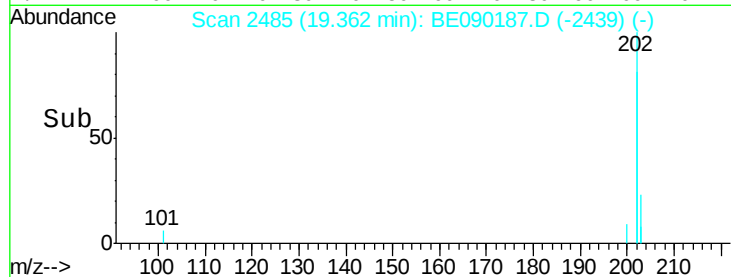
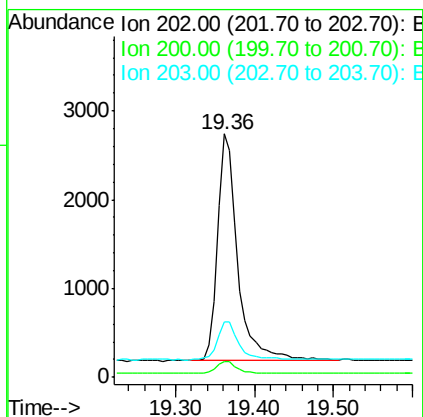
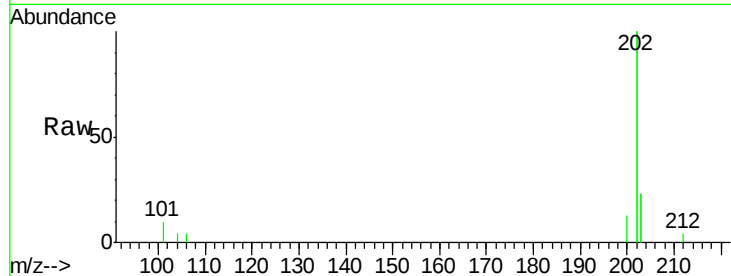
Ion 203.00 (202.70 to 203.70): E





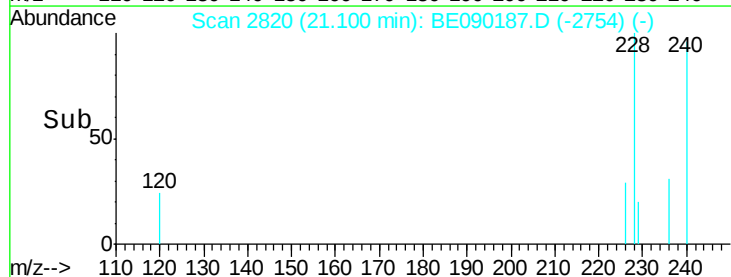
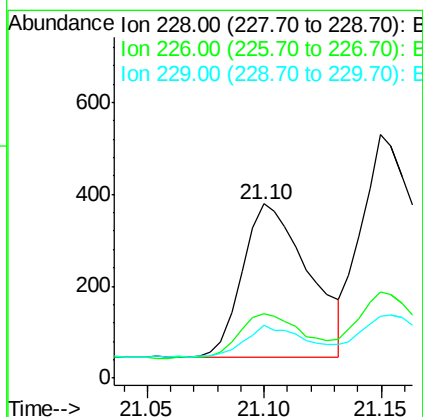
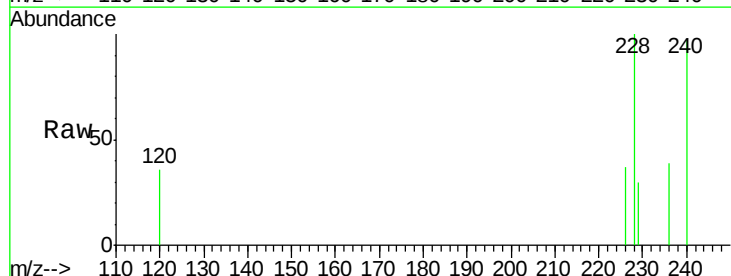
#17
Pyrene
Concen: 0.06 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

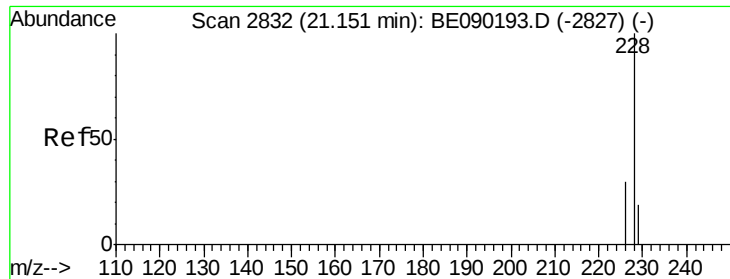
Tgt Ion: 202 Resp: 4566
Ion Ratio Lower Upper
202 100
200 6.3 4.3 6.5
203 22.8 14.6 21.8#



#18
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

Tgt Ion: 228 Resp: 658
Ion Ratio Lower Upper
228 100
226 37.2 22.2 33.4#
229 30.1 16.9 25.3#





#19

Chrysene

Concen: 0.06 ng/ul

RT: 21.15 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

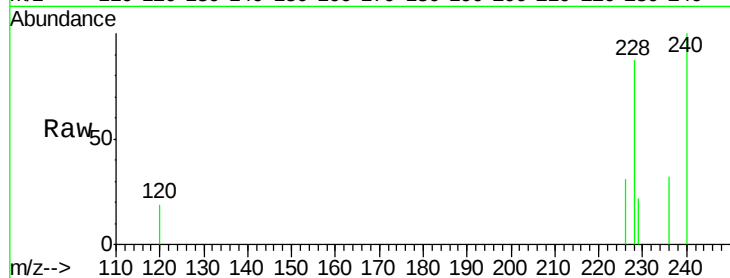
Tgt Ion: 228 Resp: 1079

Ion Ratio Lower Upper

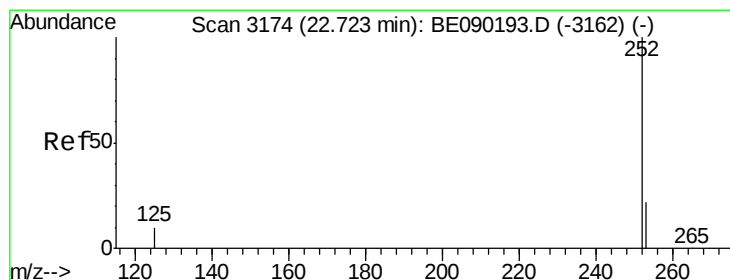
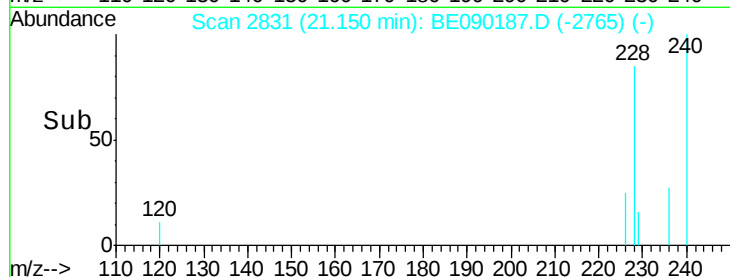
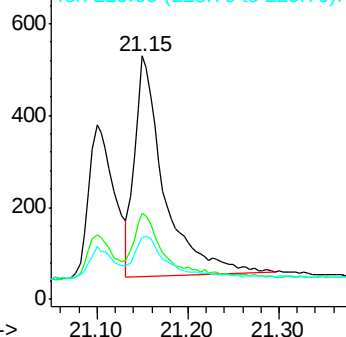
228 100

226 35.5 24.3 36.5

229 25.5 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: 0.03 ng/ul

RT: 22.73 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

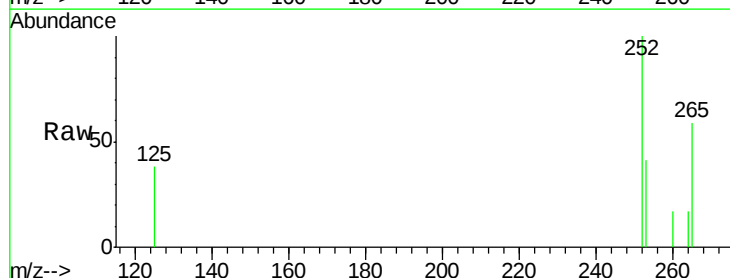
Tgt Ion: 252 Resp: 411

Ion Ratio Lower Upper

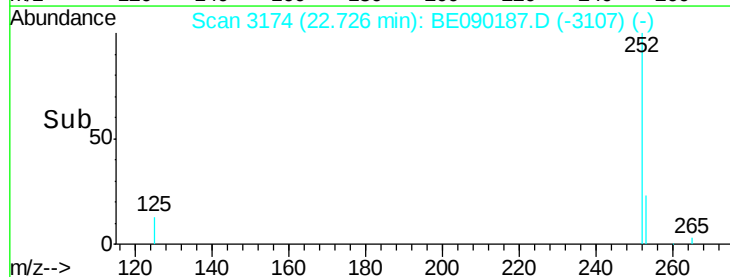
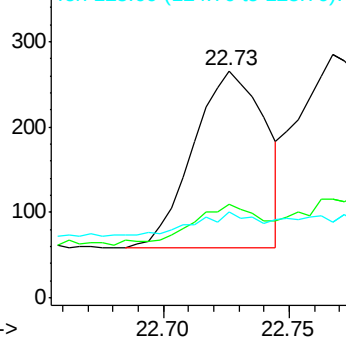
252 100

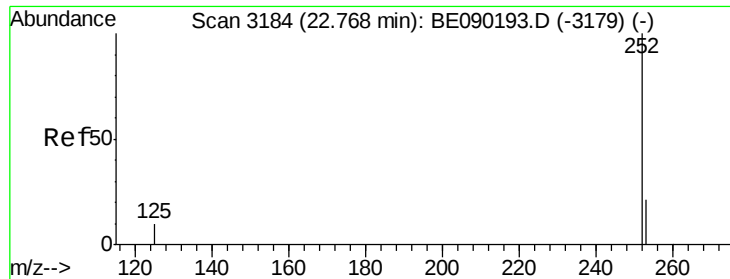
253 41.0 0.0 46.8

125 37.6 0.0 25.4#



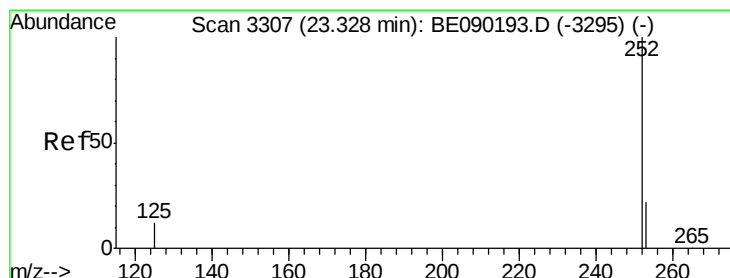
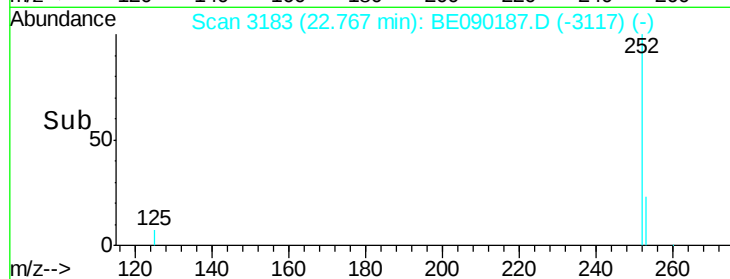
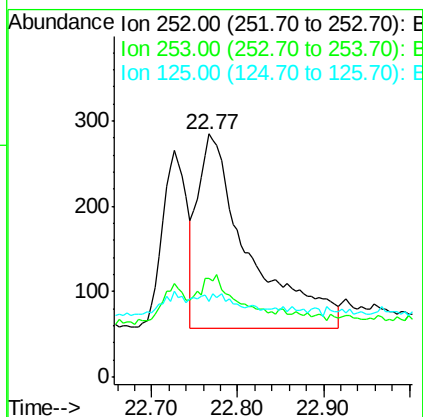
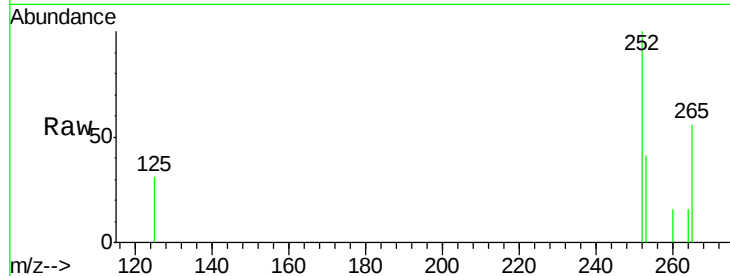
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





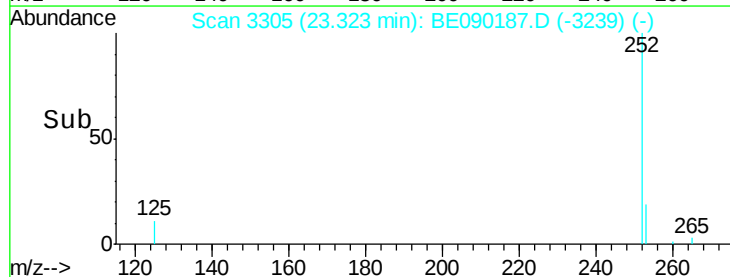
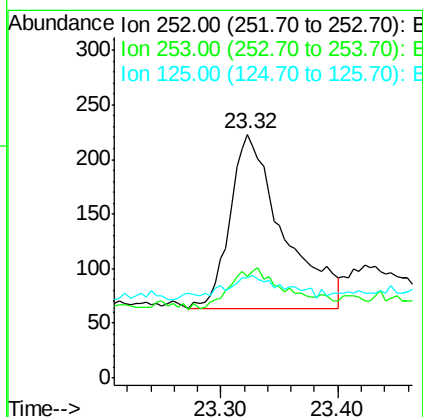
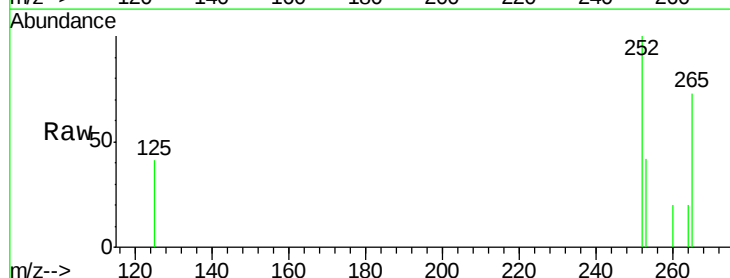
#22
Benzo(k)fluoranthene
Concen: 0.05 ng/ul m
RT: 22.77 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

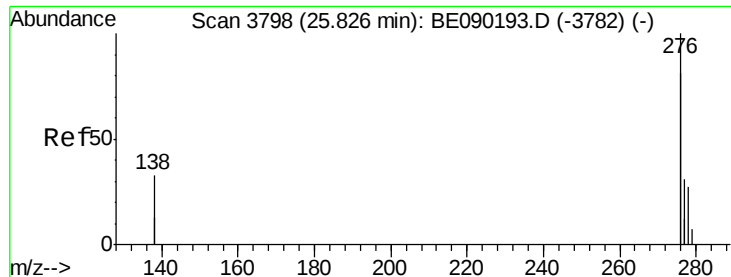
Tgt Ion: 252 Resp: 935
Ion Ratio Lower Upper
252 100
253 40.7 18.3 27.5#
125 30.9 9.8 14.8#



#23
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 23.32 min Scan# 3305
Delta R.T. -0.00 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

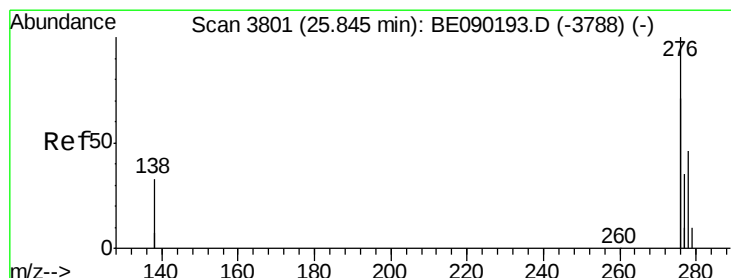
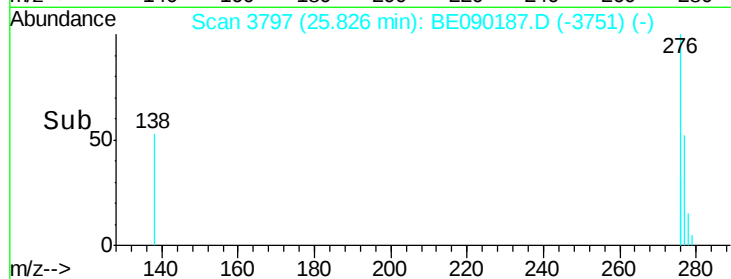
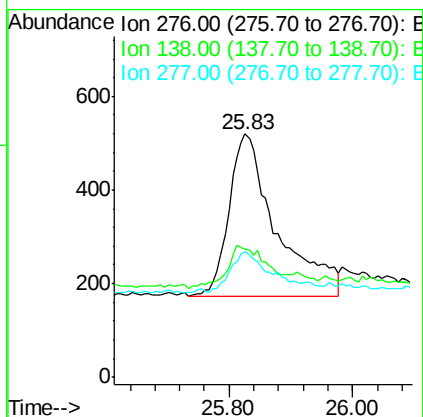
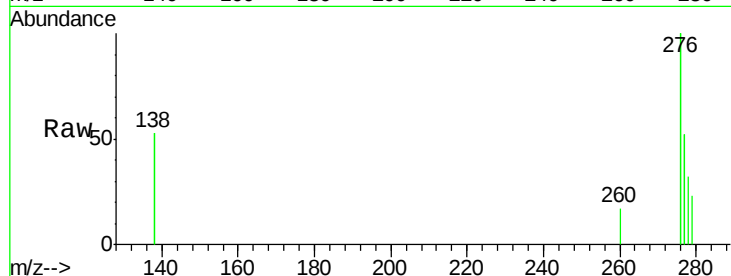
Tgt Ion: 252 Resp: 505
Ion Ratio Lower Upper
252 100
253 41.7 18.4 27.6#
125 40.8 11.5 17.3#





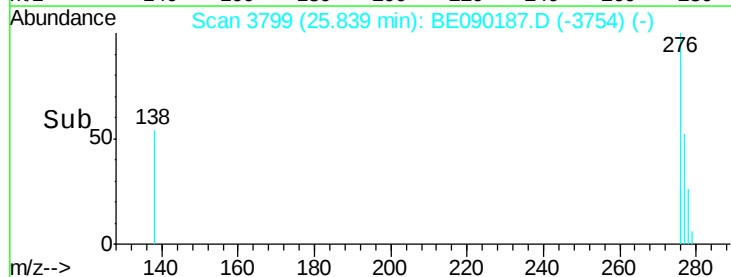
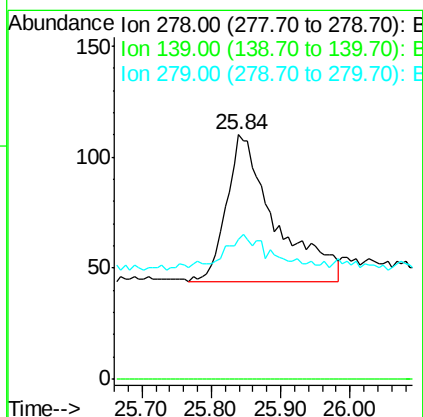
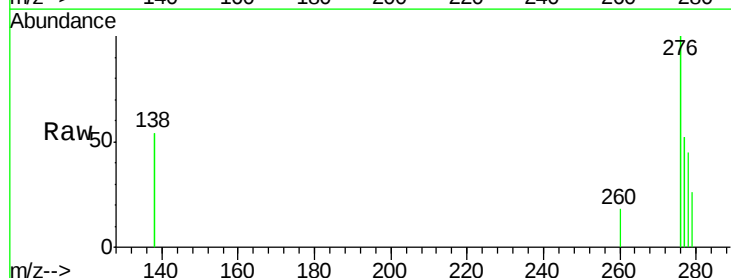
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng/ul
 RT: 25.83 min Scan# 3797
 Delta R.T. 0.00 min
 Lab File: BE090187.D
 Acq: 20 Jul 2015 22:31

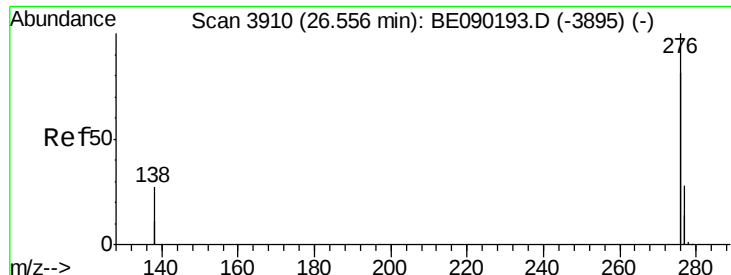
Tgt Ion: 276 Resp: 1841
 Ion Ratio Lower Upper
 276 100
 138 21.2 19.8 29.8
 277 20.7 19.8 29.6



#25
 Dibenzo(a,h)anthracene
 Concen: 0.02 ng/ul
 RT: 25.84 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BE090187.D
 Acq: 20 Jul 2015 22:31

Tgt Ion: 278 Resp: 320
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 57.3 20.0 30.0#





#26
 Benzo(g,h,i)perylene
 Concen: 0.04 ng/ul
 RT: 26.56 min Scan# 3910
 Delta R.T. 0.01 min
 Lab File: BE090187.D
 Acq: 20 Jul 2015 22:31

Tgt Ion: 276 Resp: 2213
 Ion Ratio Lower Upper
 276 100
 277 47.3 20.6 31.0#
 138 47.0 19.3 28.9#

