

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090197.D
 Acq On : 21 Jul 2015 5:50
 Operator : TP/IZ
 Sample : MDL-04-W
 Misc : MDL-WATER-SIM2.2-0.15PPM
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 21 07:40:04 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	7.61	152	714	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3503	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	2002	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5273	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	3854	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2262	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2151	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	5927	0.37	ng/ul	0.00

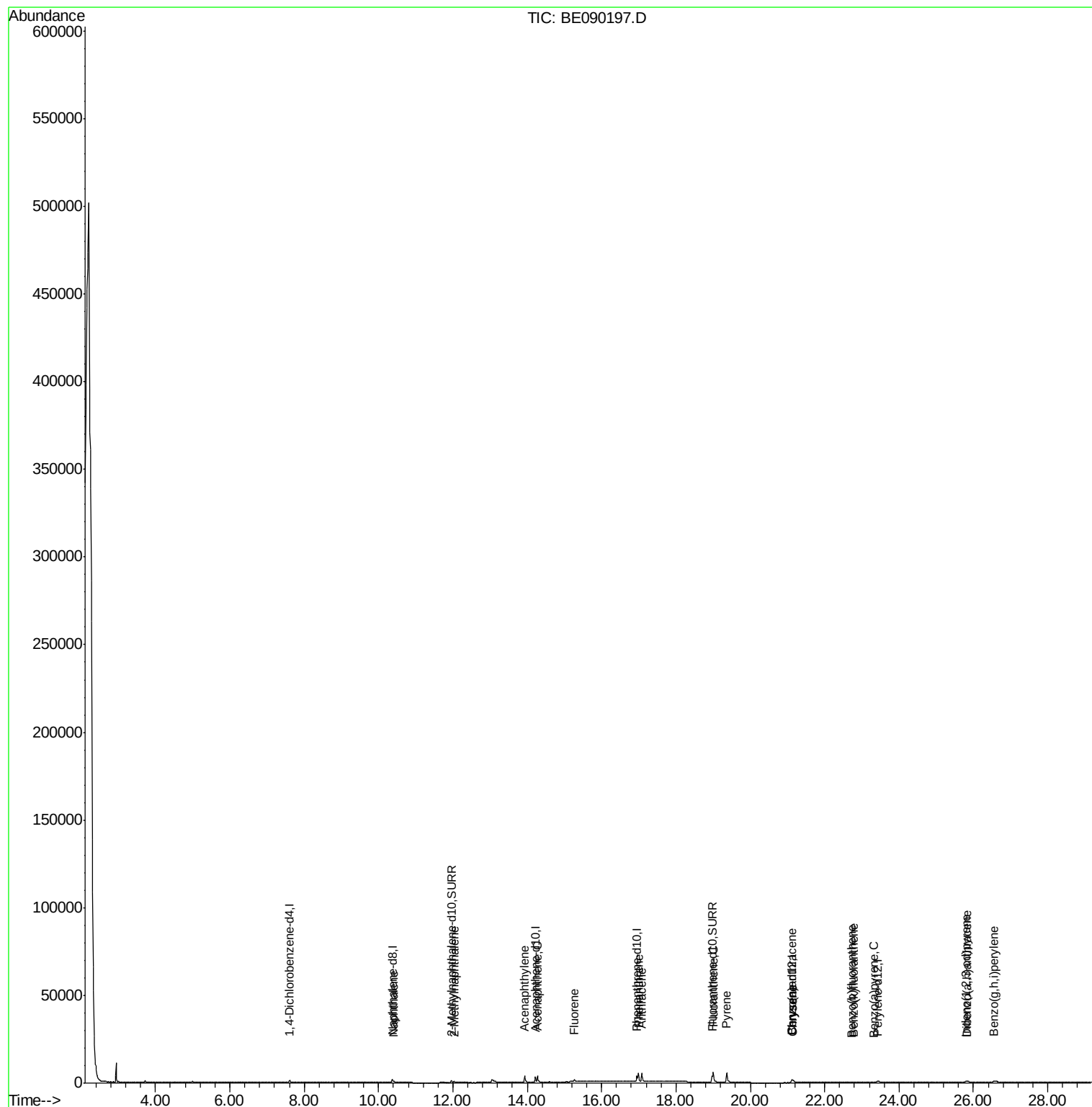
Target Compounds

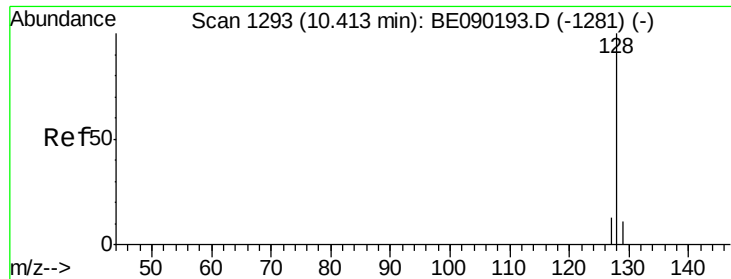
						Qvalue
3) Naphthalene	10.41	128	1076	0.12	ng/ul#	86
5) 2-Methylnaphthalene	12.03	142	708	0.11	ng/ul	99
7) Acenaphthylene	13.93	152	4874	0.12	ng/ul#	93
8) Acenaphthene	14.27	153	3515	0.12	ng/ul	96
9) Fluorene	15.27	166	1031	0.12	ng/ul#	96
12) Phenanthrene	16.99	178	7032	0.12	ng/ul	93
13) Anthracene	17.07	178	7013	0.12	ng/ul	93
15) Fluoranthene	19.00	202	8351	0.12	ng/ul	92
17) Pyrene	19.36	202	8474	0.17	ng/ul	95
18) Benzo(a)anthracene	21.10	228	659	0.07	ng/ul#	84
19) Chrysene	21.15	228	1997m	0.17	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	358	0.06	ng/ul#	51
22) Benzo(k)fluoranthene	22.77	252	713m	0.09	ng/ul	
23) Benzo(a)pyrene	23.32	252	434	0.07	ng/ul#	47
24) Indeno(1,2,3-cd)pyrene	25.81	276	1563	0.05	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.83	278	227	0.04	ng/ul#	30
26) Benzo(g,h,i)perylene	26.56	276	1854	0.07	ng/ul#	53

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

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#3

Naphthalene

Concen: 0.12 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BE090197.D

Acq: 21 Jul 2015 5:50

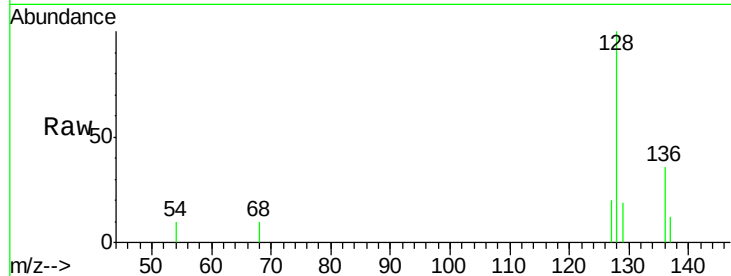
Tgt Ion:128 Resp: 1076

Ion Ratio Lower Upper

128 100

129 18.7 10.2 15.4#

127 20.3 11.9 17.9#

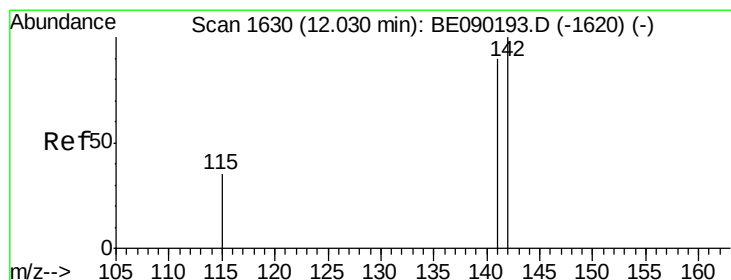
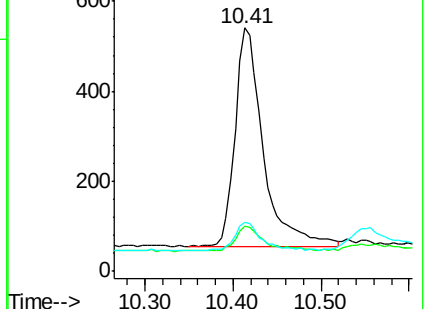
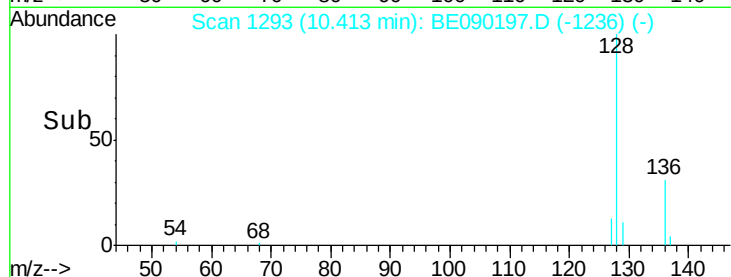


Abundance Ion 128.00 (127.70 to 128.70): E

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: BE090197.D

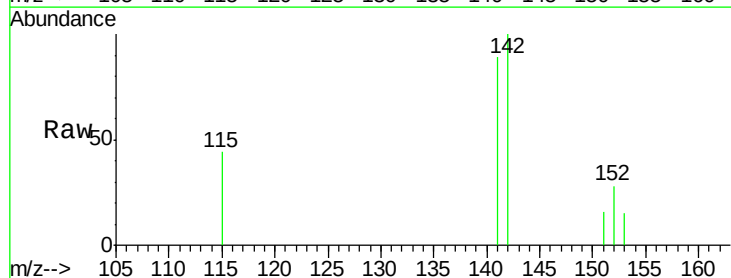
Acq: 21 Jul 2015 5:50

Tgt Ion:142 Resp: 708

Ion Ratio Lower Upper

142 100

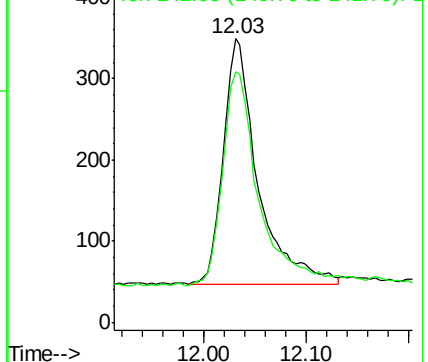
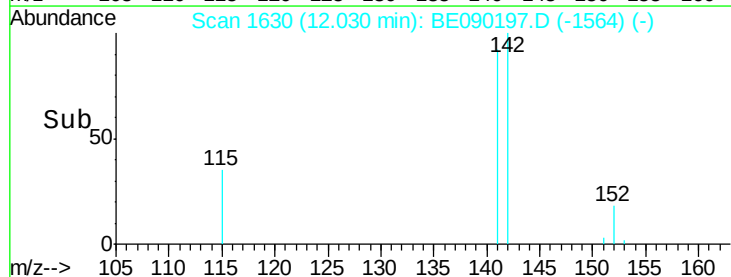
141 92.7 73.4 110.2

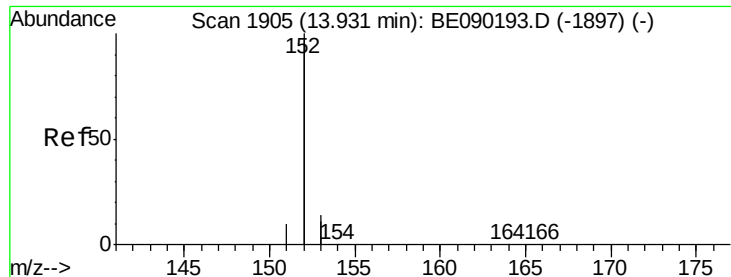


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#7

Acenaphthylene

Concen: 0.12 ng/ul

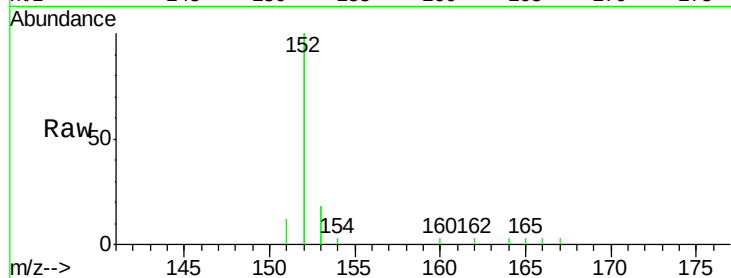
RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

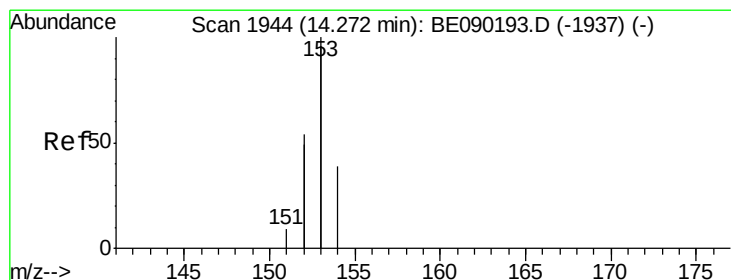
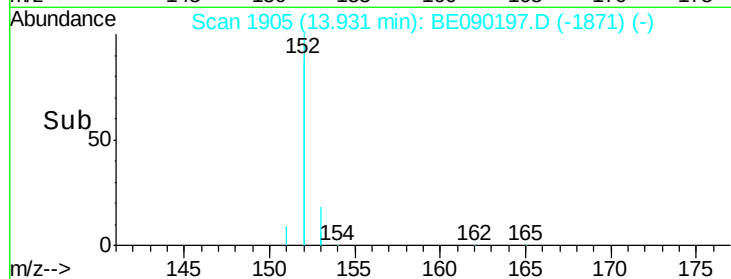
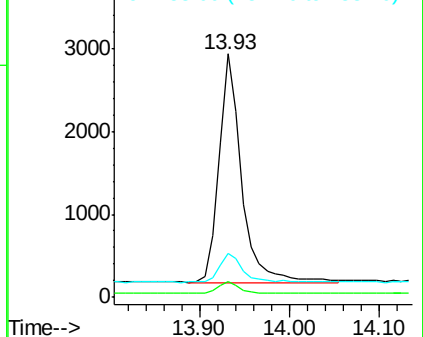
Lab File: BE090197.D

Acq: 21 Jul 2015 5:50

Tgt Ion:	152	Resp:	4874
Ion	Ratio	Lower	Upper
152	100		
151	6.2	4.2	6.4
153	18.3	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: 0.12 ng/ul

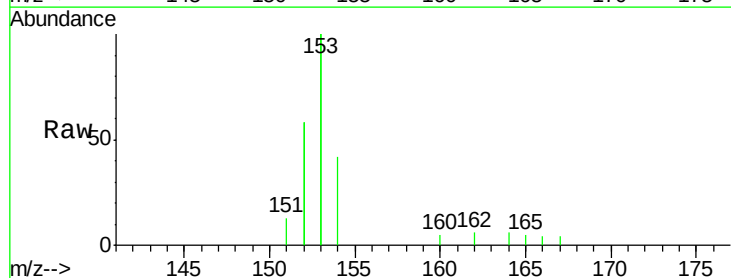
RT: 14.27 min Scan# 1944

Delta R.T. 0.00 min

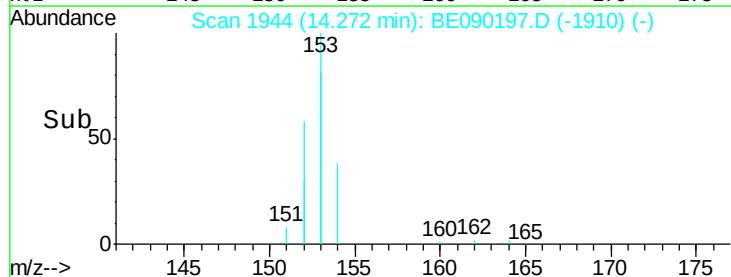
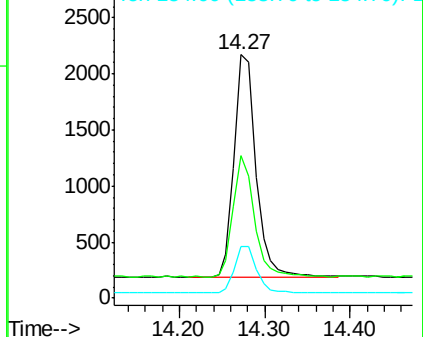
Lab File: BE090197.D

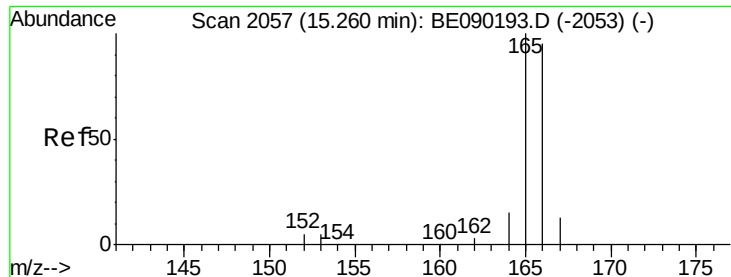
Acq: 21 Jul 2015 5:50

Tgt Ion:	153	Resp:	3515
Ion	Ratio	Lower	Upper
153	100		
152	58.5	43.8	65.8
154	20.9	16.8	25.2



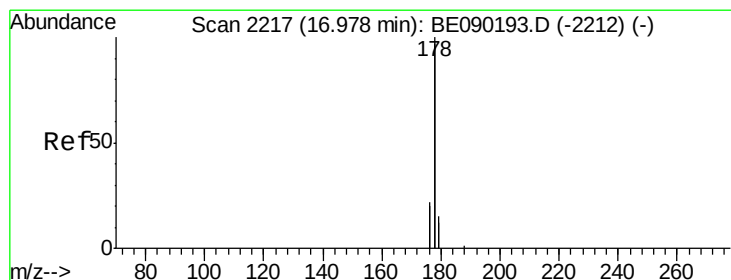
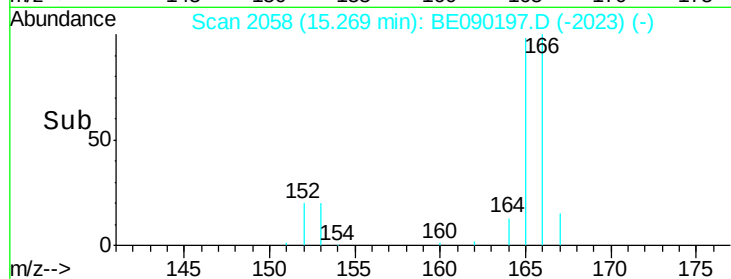
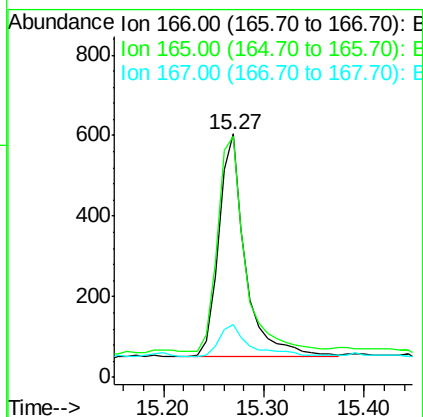
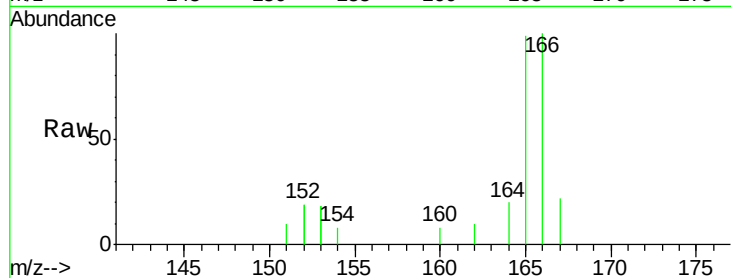
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





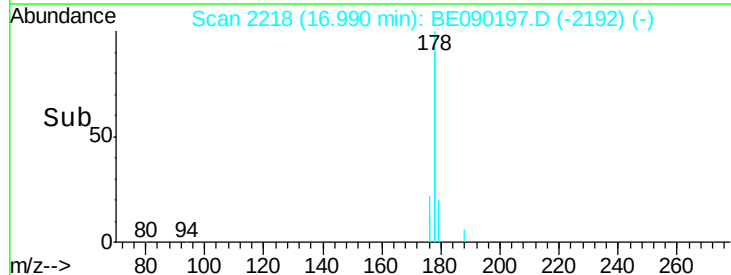
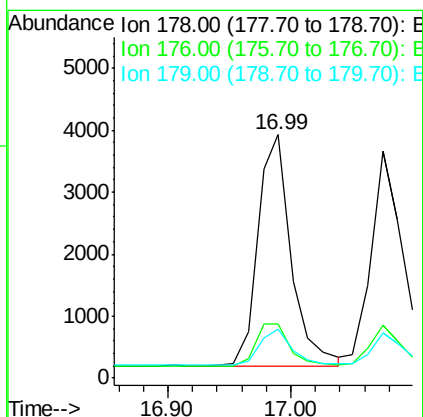
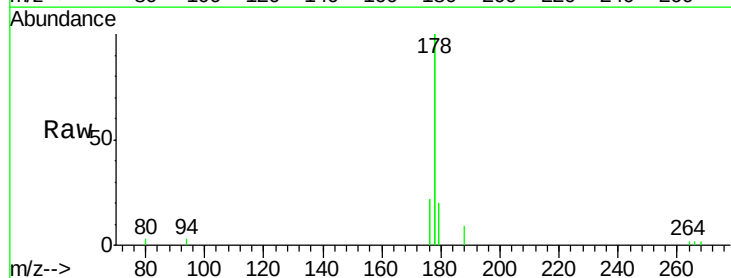
#9
Fluorene
 Concen: 0.12 ng/ul
 RT: 15.27 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BE090197.D
 Acq: 21 Jul 2015 5:50

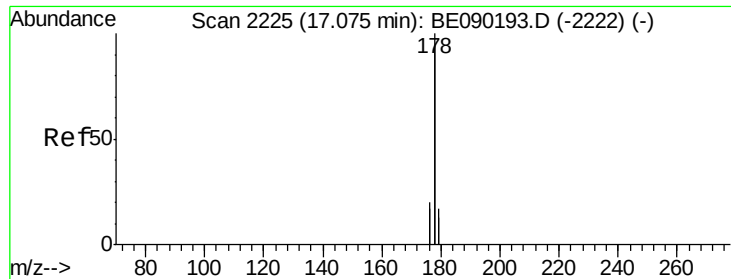
Tgt Ion:166 Resp: 1031
 Ion Ratio Lower Upper
 166 100
 165 99.0 81.2 121.8
 167 21.9 12.6 19.0#



#12
Phenanthrene
 Concen: 0.12 ng/ul
 RT: 16.99 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: BE090197.D
 Acq: 21 Jul 2015 5:50

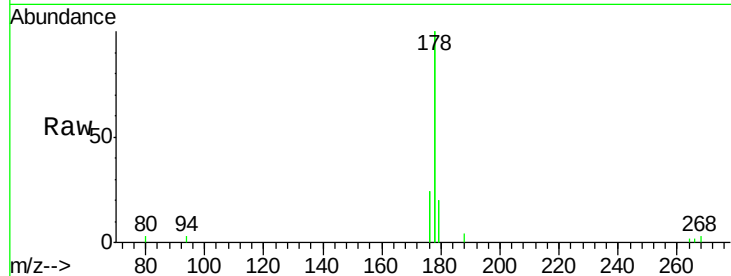
Tgt Ion:178 Resp: 7032
 Ion Ratio Lower Upper
 178 100
 176 22.4 15.3 22.9
 179 20.0 14.0 21.0



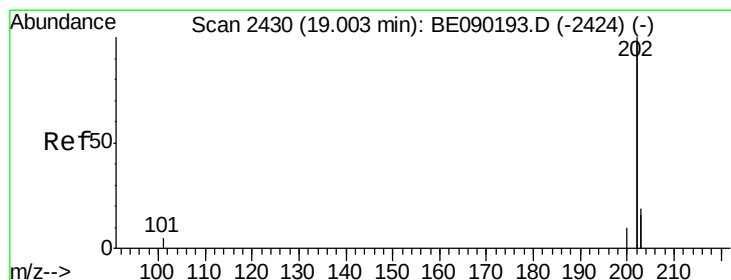
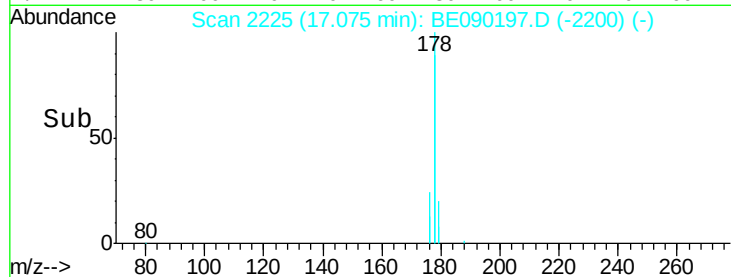
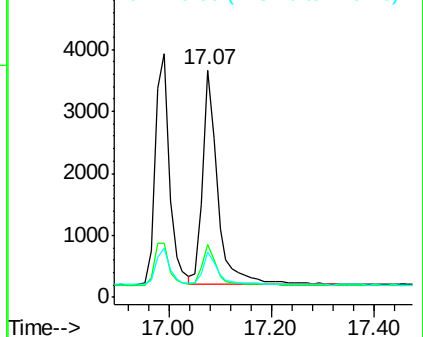


#13
 Anthracene
 Concen: 0.12 ng/ul
 RT: 17.07 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE090197.D
 Acq: 21 Jul 2015 5:50

Tgt Ion:178 Resp: 7013
 Ion Ratio Lower Upper
 178 100
 176 23.5 16.0 24.0
 179 19.7 13.4 20.0

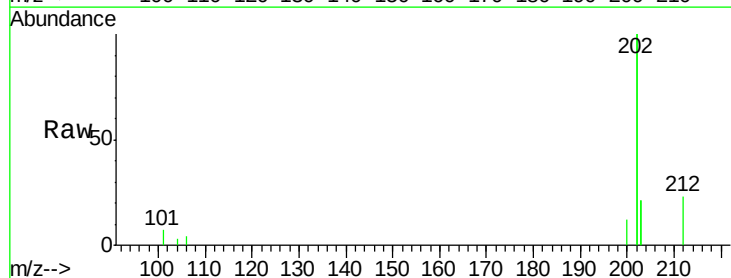


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

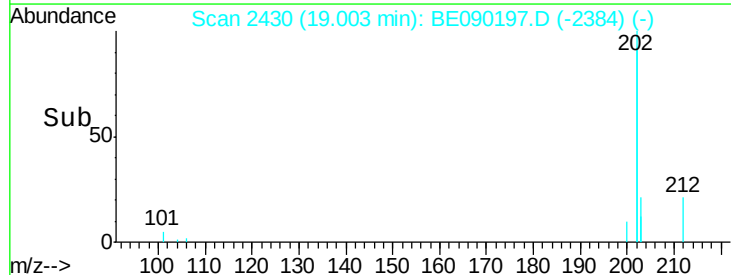
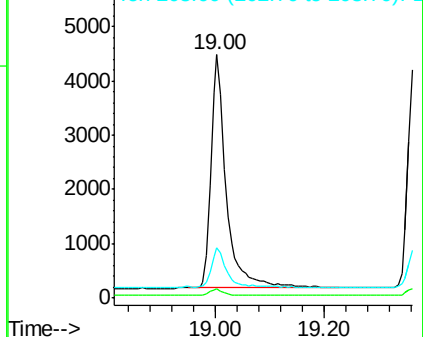


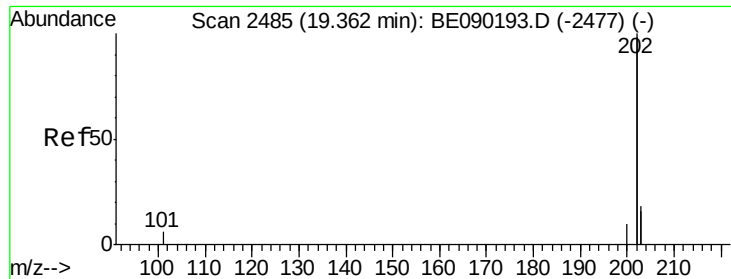
#15
 Fluoranthene
 Concen: 0.12 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BE090197.D
 Acq: 21 Jul 2015 5:50

Tgt Ion:202 Resp: 8351
 Ion Ratio Lower Upper
 202 100
 101 3.6 0.0 23.0
 203 20.9 0.0 37.0



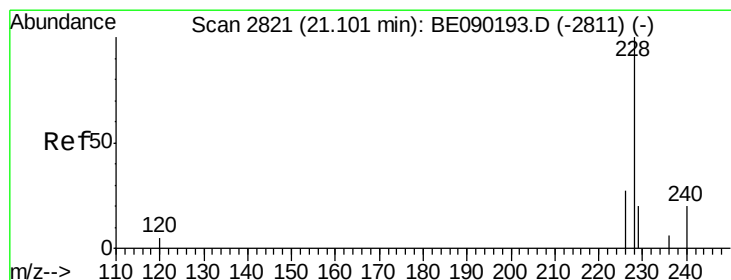
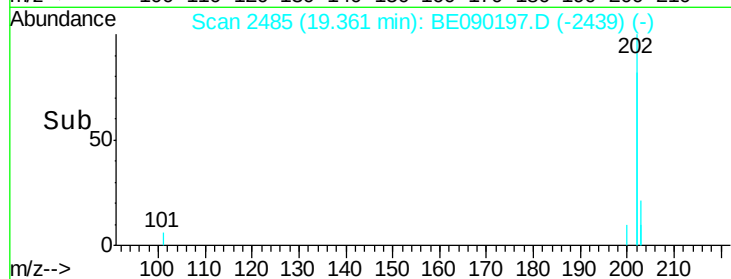
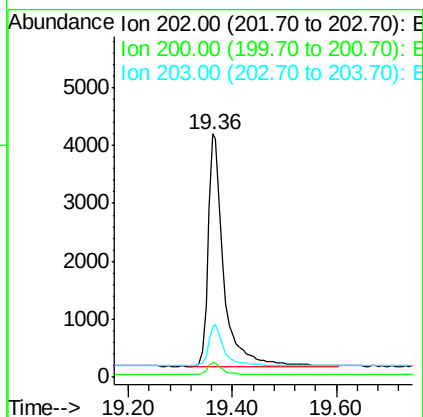
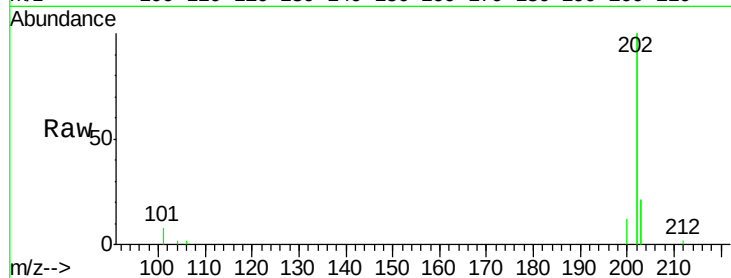
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





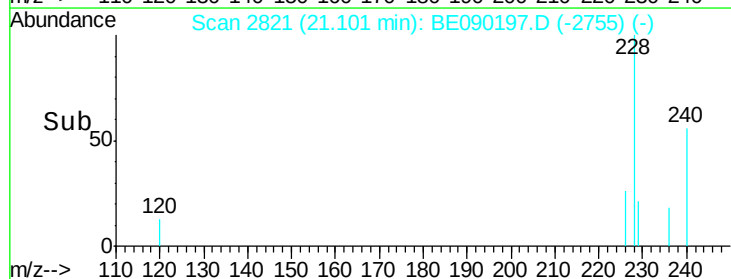
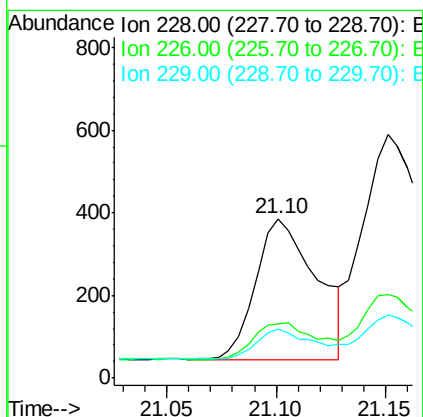
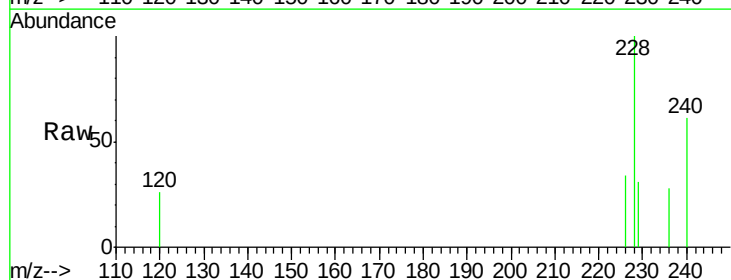
#17
Pyrene
Concen: 0.17 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090197.D
Acq: 21 Jul 2015 5:50

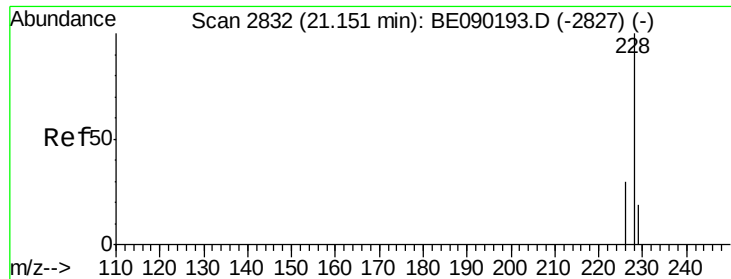
Tgt Ion: 202 Resp: 8474
Ion Ratio Lower Upper
202 100
200 6.2 4.3 6.5
203 20.8 14.6 21.8



#18
Benzo(a)anthracene
Concen: 0.07 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BE090197.D
Acq: 21 Jul 2015 5:50

Tgt Ion: 228 Resp: 659
Ion Ratio Lower Upper
228 100
226 34.2 22.2 33.4#
229 30.6 16.9 25.3#





#19

Chrysene

Concen: 0.17 ng/ul m

RT: 21.15 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE090197.D

Acq: 21 Jul 2015 5:50

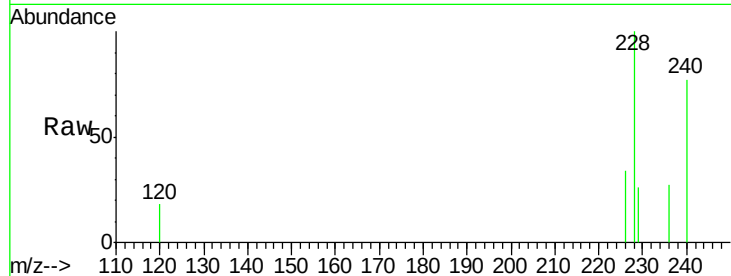
Tgt Ion: 228 Resp: 1997

Ion Ratio Lower Upper

228 100

226 34.1 24.3 36.5

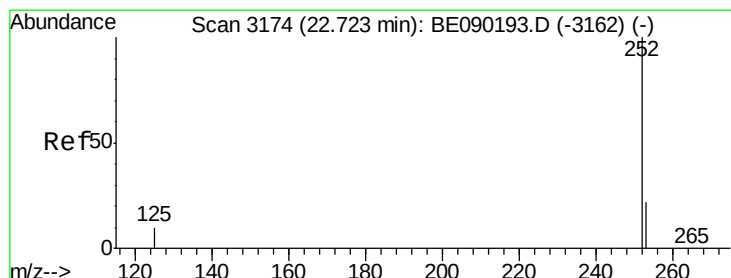
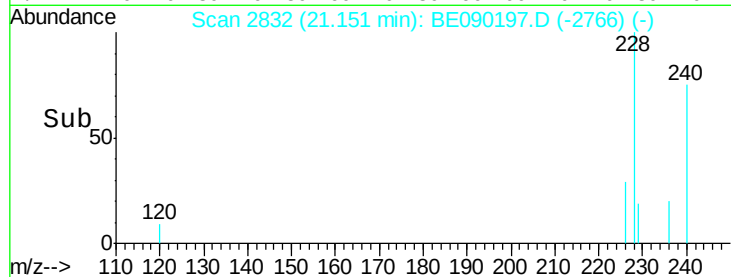
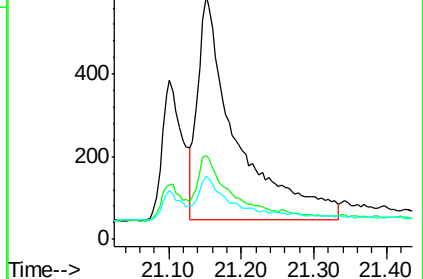
229 25.8 16.6 24.8#



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: 0.06 ng/ul

RT: 22.72 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE090197.D

Acq: 21 Jul 2015 5:50

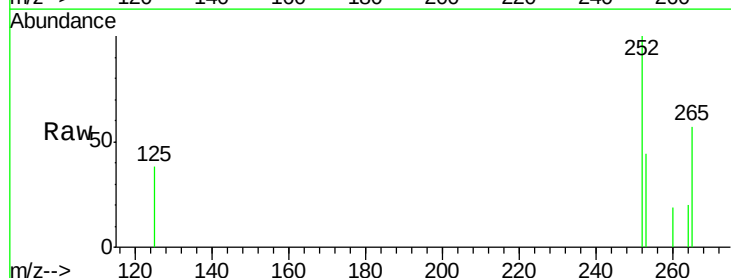
Tgt Ion: 252 Resp: 358

Ion Ratio Lower Upper

252 100

253 43.8 0.0 46.8

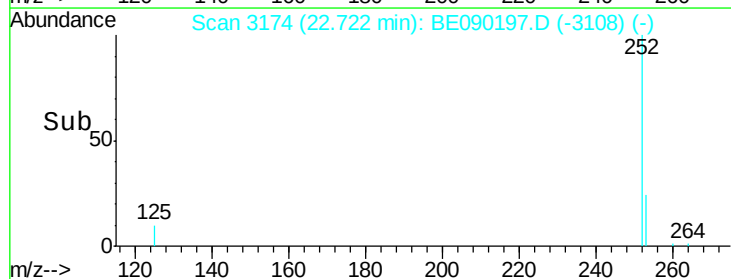
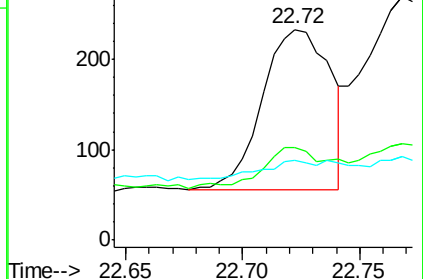
125 37.8 0.0 25.4#

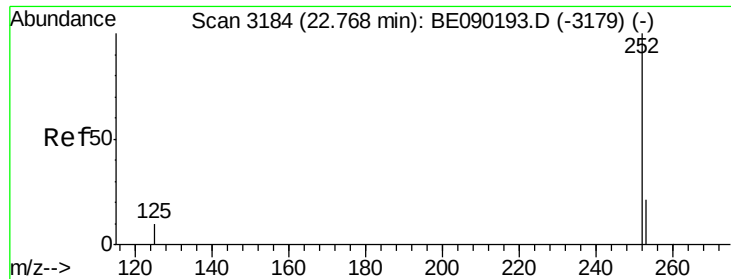


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.09 ng/ul m

RT: 22.77 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BE090197.D

Acq: 21 Jul 2015 5:50

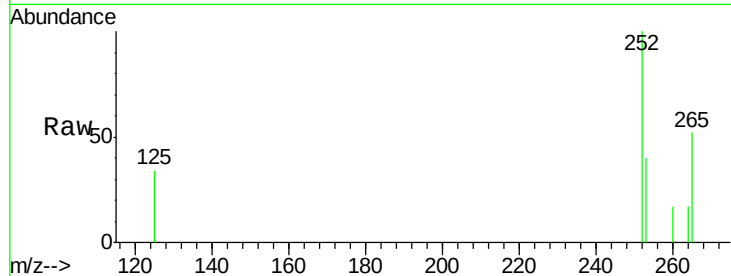
Tgt Ion: 252 Resp: 713

Ion Ratio Lower Upper

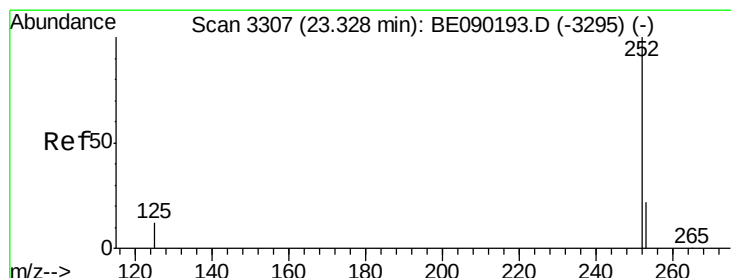
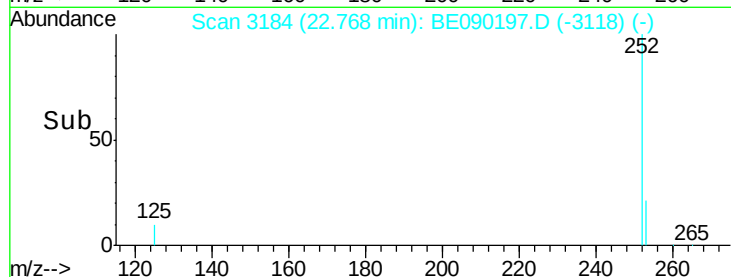
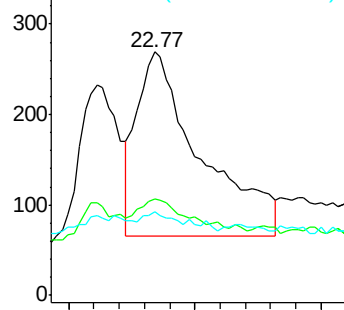
252 100

253 39.8 18.3 27.5#

125 34.2 9.8 14.8#



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



#23

Benzo(a)pyrene

Concen: 0.07 ng/ul

RT: 23.32 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BE090197.D

Acq: 21 Jul 2015 5:50

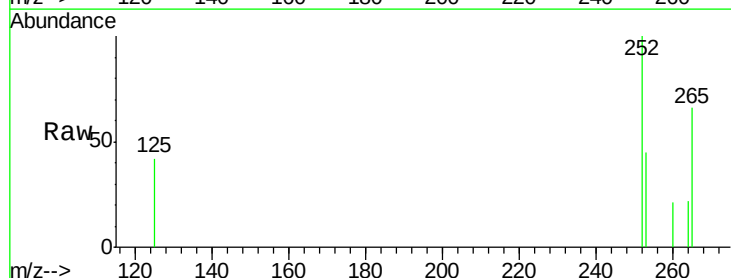
Tgt Ion: 252 Resp: 434

Ion Ratio Lower Upper

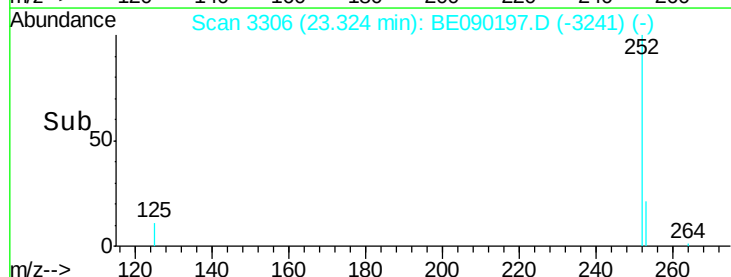
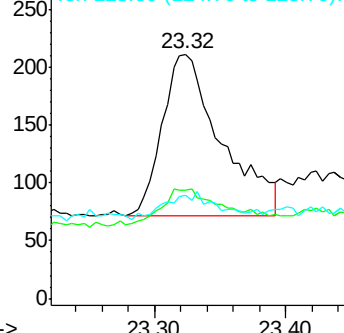
252 100

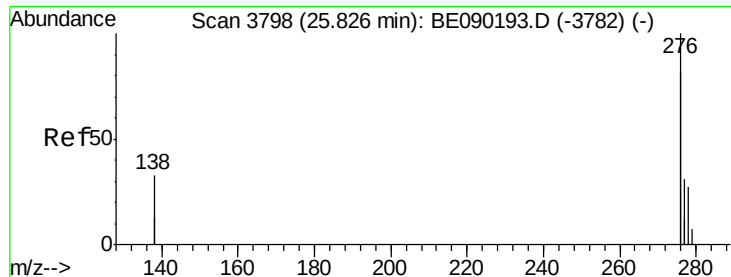
253 44.5 18.4 27.6#

125 42.2 11.5 17.3#



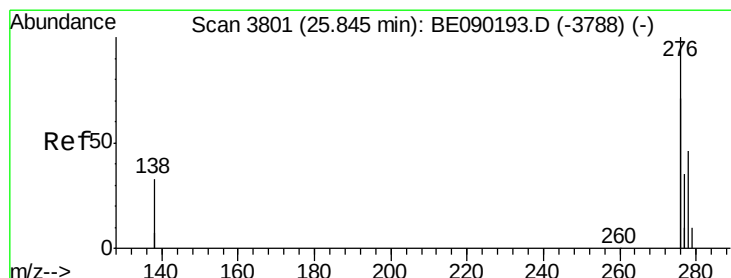
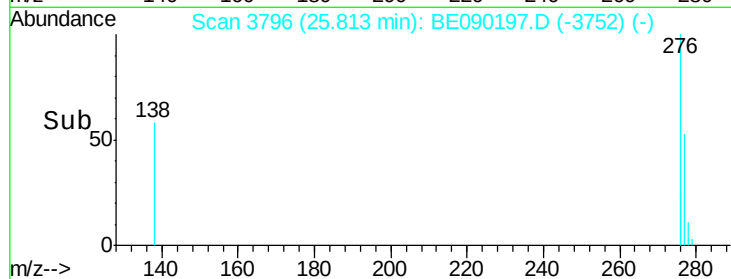
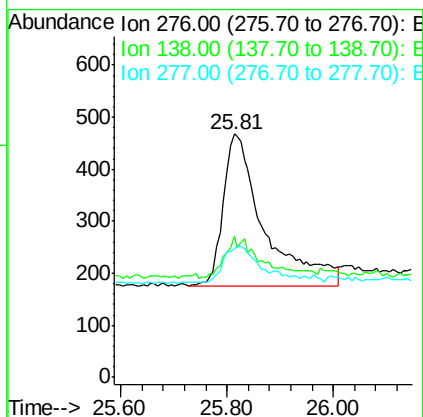
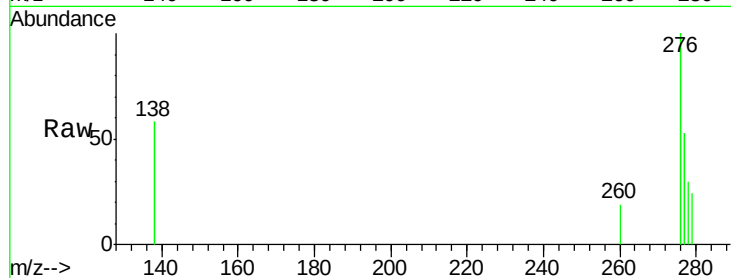
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





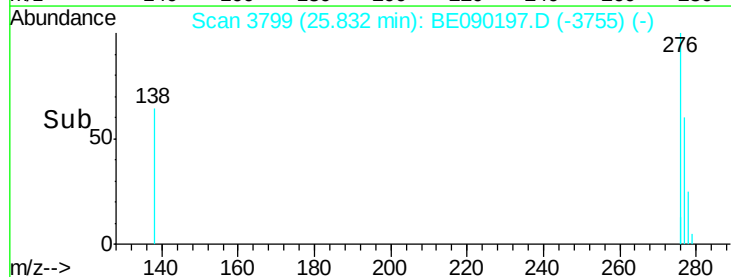
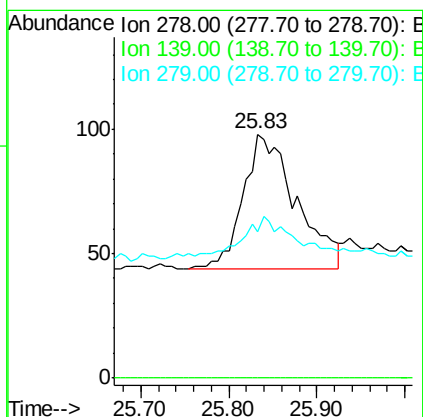
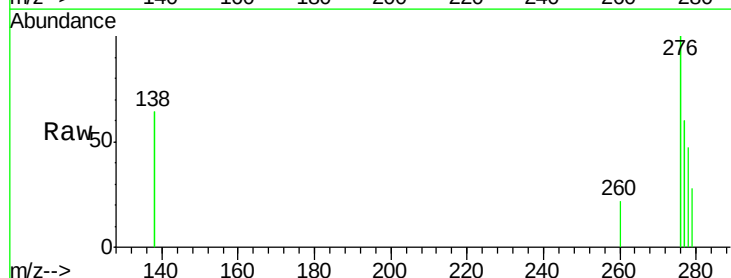
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng/ul
 RT: 25.81 min Scan# 3796
 Delta R.T. -0.01 min
 Lab File: BE090197.D
 Acq: 21 Jul 2015 5:50

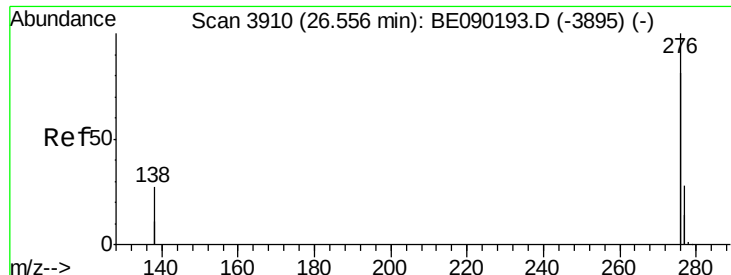
Tgt Ion: 276 Resp: 1563
 Ion Ratio Lower Upper
 276 100
 138 21.9 19.8 29.8
 277 19.2 19.8 29.6#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.04 ng/ul
 RT: 25.83 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BE090197.D
 Acq: 21 Jul 2015 5:50

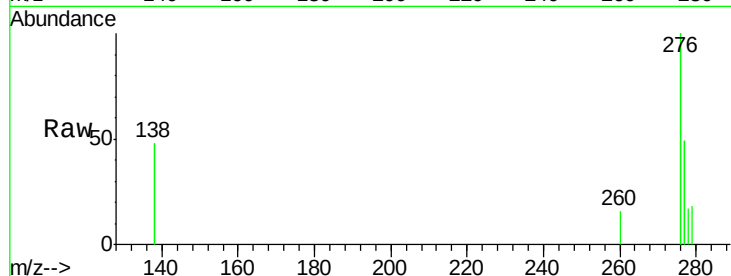
Tgt Ion: 278 Resp: 227
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 60.2 20.0 30.0#



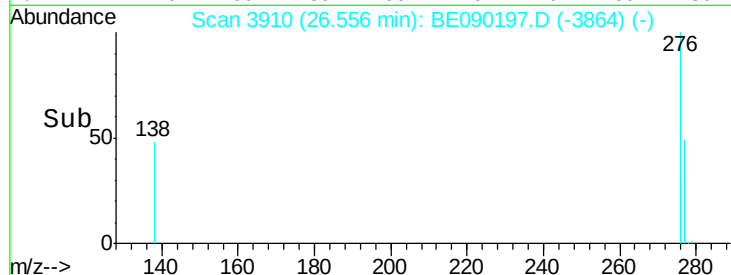
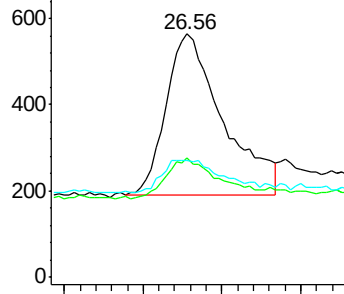


#26
 Benzo(g,h,i)perylene
 Concen: 0.07 ng/ul
 RT: 26.56 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: BE090197.D
 Acq: 21 Jul 2015 5:50

Tgt Ion: 276 Resp: 1854
 Ion Ratio Lower Upper
 276 100
 277 48.9 20.6 31.0#
 138 47.9 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



Time-->