

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090189.D
 Acq On : 20 Jul 2015 23:43
 Operator : TP/IZ
 Sample : MDL-04-W
 Misc : MDL-WATER-SIM2.2-0.07PPM
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 21 05:46:58 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	809	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3923	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	2279	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	6079	0.40	ng/ul	0.01
16) Chrysene-d12	21.12	240	5452	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4080	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2234	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	6441	0.35	ng/ul	0.00

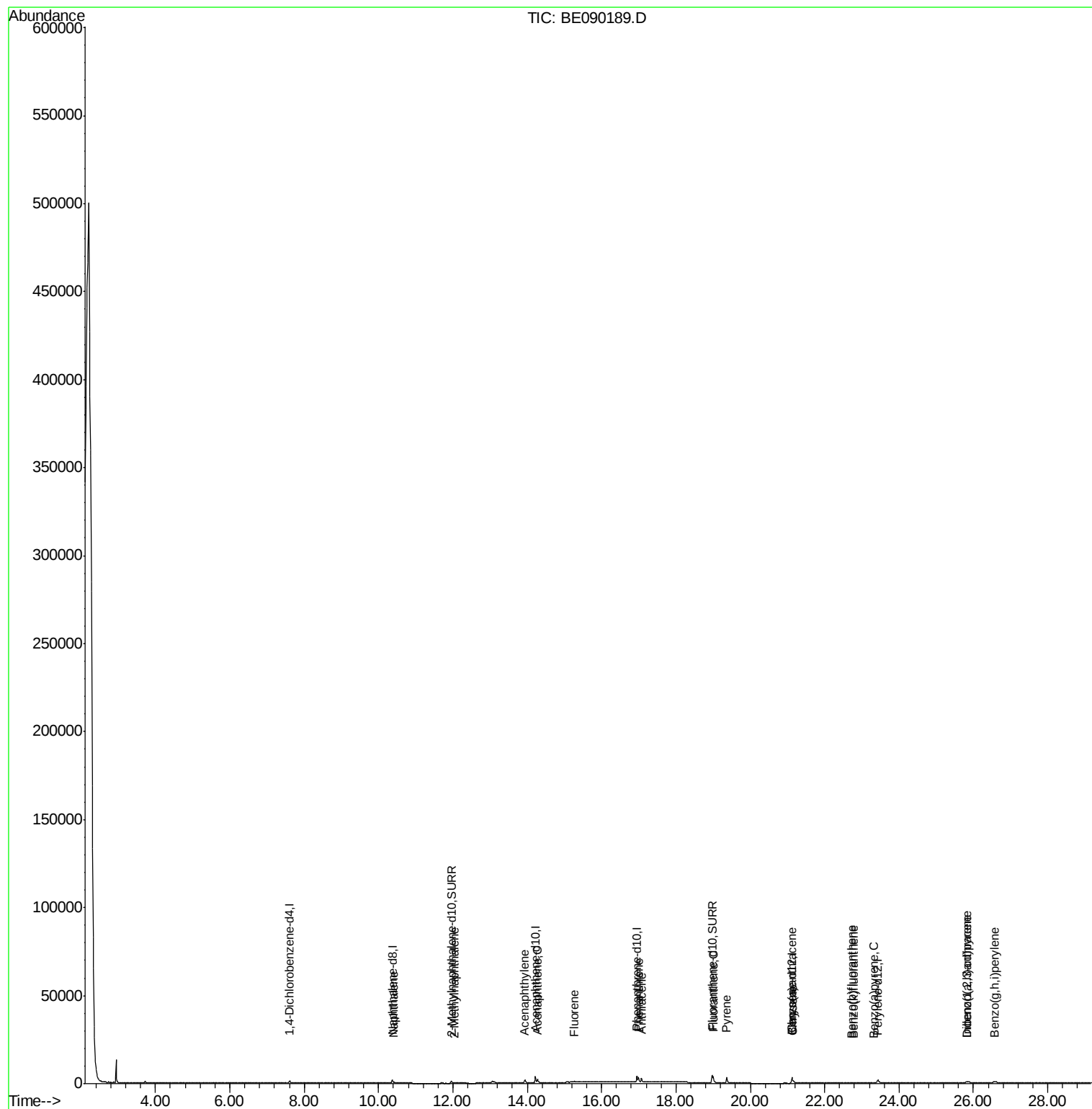
Target Compounds

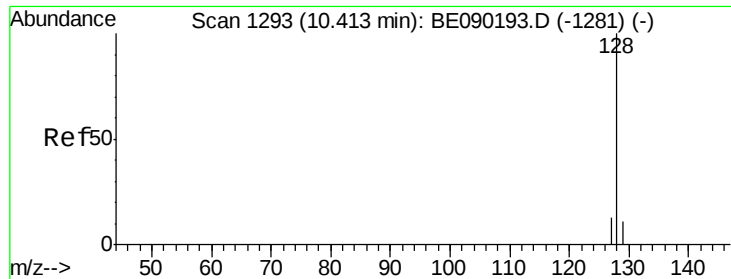
						Qvalue
3) Naphthalene	10.42	128	518	0.05	ng/ul#	70
5) 2-Methylnaphthalene	12.04	142	335	0.05	ng/ul	90
7) Acenaphthylene	13.93	152	2496	0.05	ng/ul#	82
8) Acenaphthene	14.27	153	1755	0.05	ng/ul	94
9) Fluorene	15.27	166	526	0.05	ng/ul#	88
12) Phenanthrene	16.99	178	3469	0.05	ng/ul#	85
13) Anthracene	17.07	178	3509	0.05	ng/ul#	81
15) Fluoranthene	19.00	202	4113	0.05	ng/ul	85
17) Pyrene	19.36	202	4172	0.06	ng/ul#	89
18) Benzo(a)anthracene	21.10	228	502	0.04	ng/ul#	76
19) Chrysene	21.15	228	1051m	0.06	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	319	0.03	ng/ul#	42
22) Benzo(k)fluoranthene	22.77	252	637m	0.04	ng/ul	
23) Benzo(a)pyrene	23.33	252	366	0.03	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.83	276	1404	0.03	ng/ul#	81
25) Dibenzo(a,h)anthracene	25.85	278	171	0.02	ng/ul#	14
26) Benzo(g,h,i)perylene	26.56	276	1854	0.04	ng/ul#	46

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090189.D
Acq On : 20 Jul 2015 23:43
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-SIM2.2-0.07PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 21 05:46:58 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





#3

Naphthalene

Concen: 0.05 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BE090189.D

Acq: 20 Jul 2015 23:43

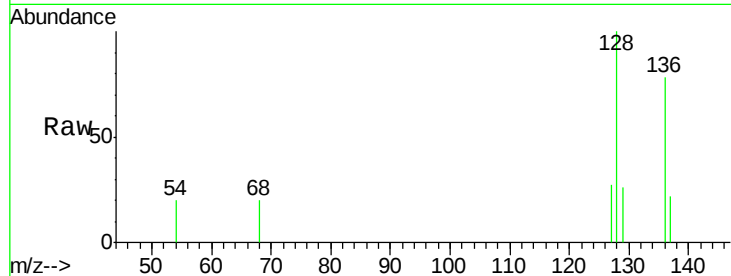
Tgt Ion:128 Resp: 518

Ion Ratio Lower Upper

128 100

129 25.9 10.2 15.4#

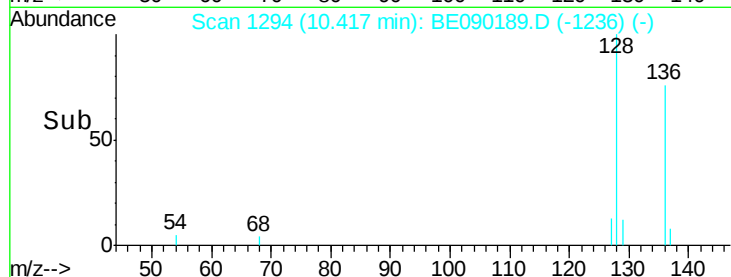
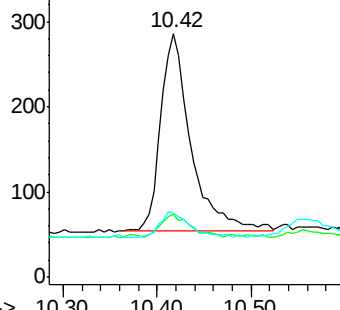
127 26.6 11.9 17.9#



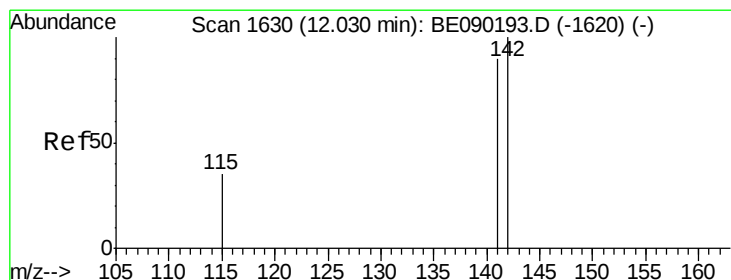
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 12.04 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE090189.D

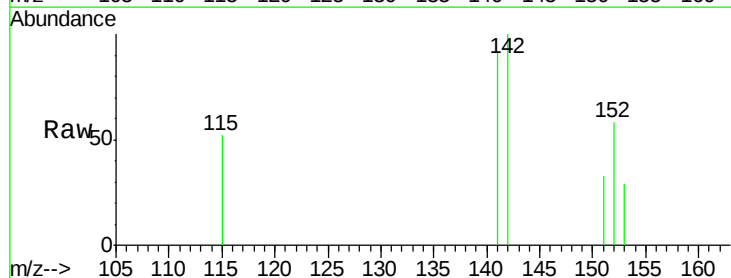
Acq: 20 Jul 2015 23:43

Tgt Ion:142 Resp: 335

Ion Ratio Lower Upper

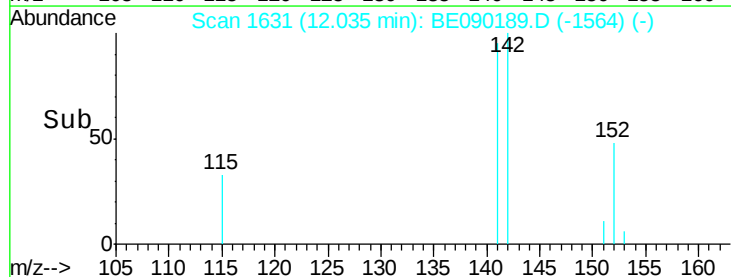
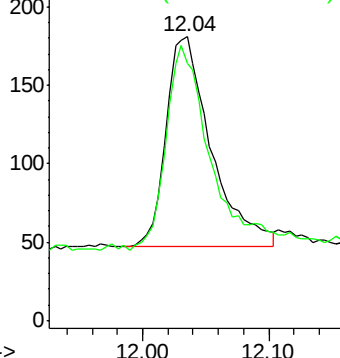
142 100

141 100.9 73.4 110.2

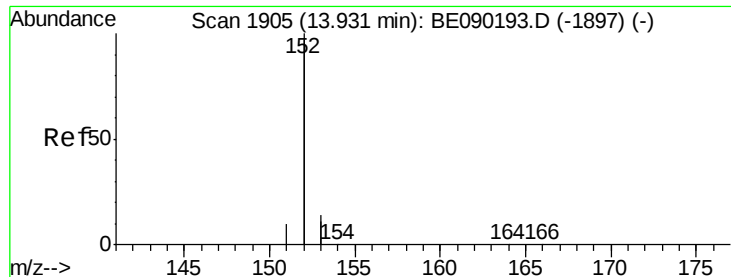


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#7

Acenaphthylene

Concen: 0.05 ng/ul

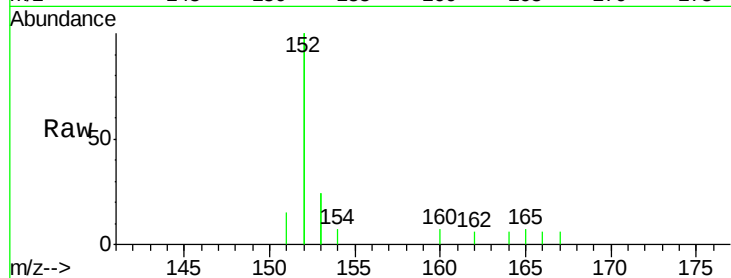
RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

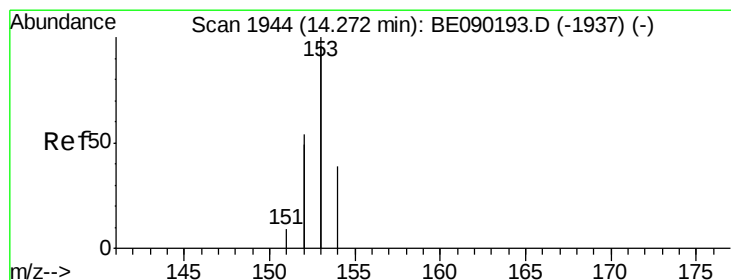
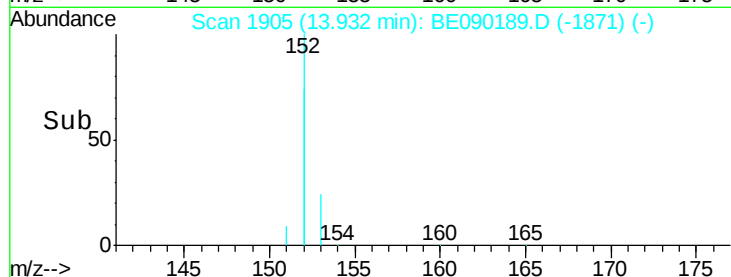
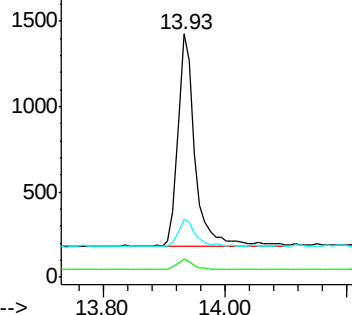
Lab File: BE090189.D

Acq: 20 Jul 2015 23:43

Tgt Ion:	152	Resp:	2496
Ion	Ratio	Lower	Upper
152	100		
151	7.6	4.2	6.4#
153	23.8	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: 0.05 ng/ul

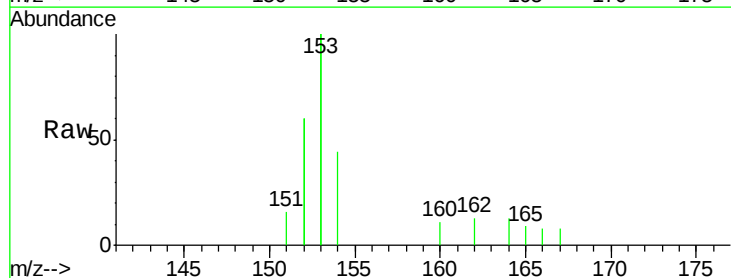
RT: 14.27 min Scan# 1944

Delta R.T. -0.00 min

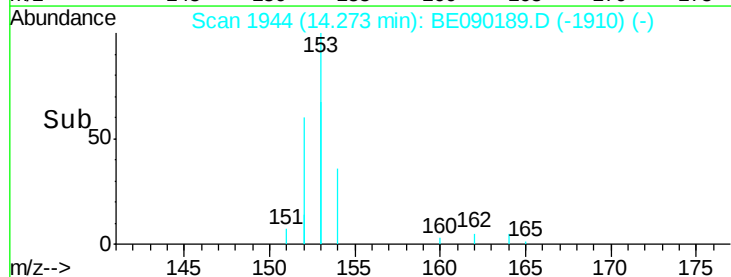
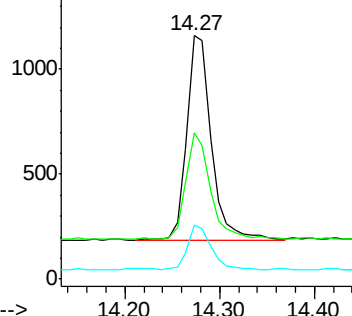
Lab File: BE090189.D

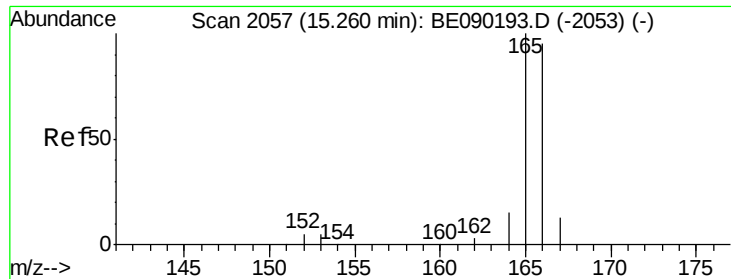
Acq: 20 Jul 2015 23:43

Tgt Ion:	153	Resp:	1755
Ion	Ratio	Lower	Upper
153	100		
152	60.2	43.8	65.8
154	22.1	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: 0.05 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BE090189.D

Acq: 20 Jul 2015 23:43

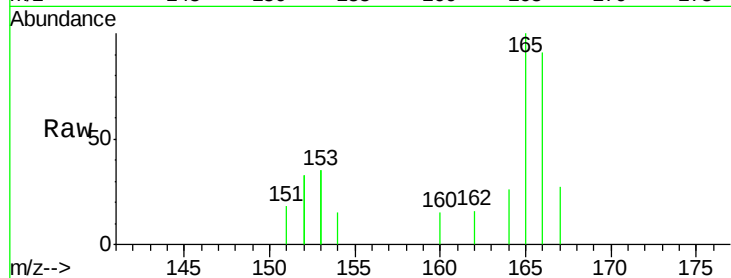
Tgt Ion:166 Resp: 526

Ion Ratio Lower Upper

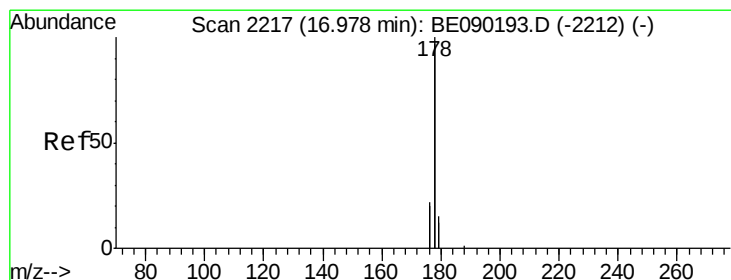
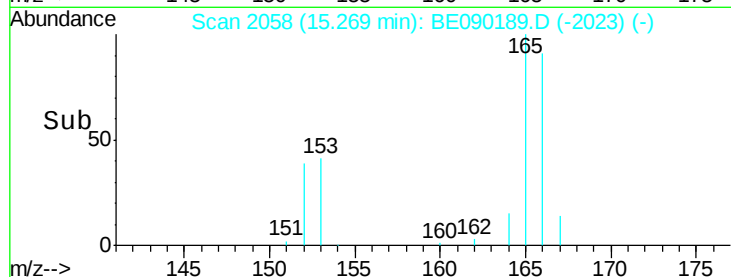
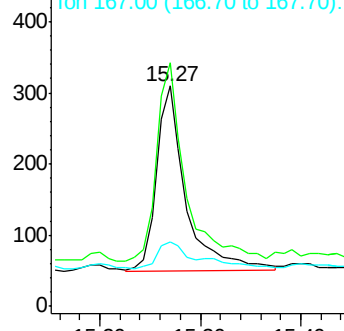
166 100

165 110.3 81.2 121.8

167 29.4 12.6 19.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.05 ng/ul

RT: 16.99 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BE090189.D

Acq: 20 Jul 2015 23:43

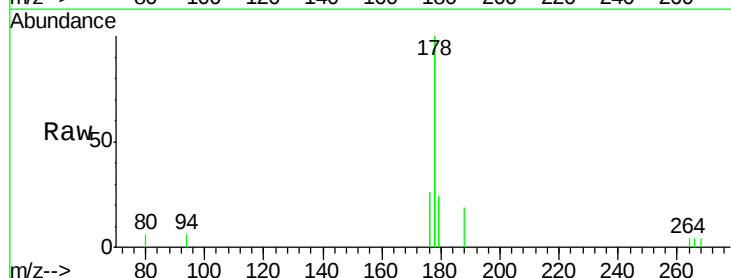
Tgt Ion:178 Resp: 3469

Ion Ratio Lower Upper

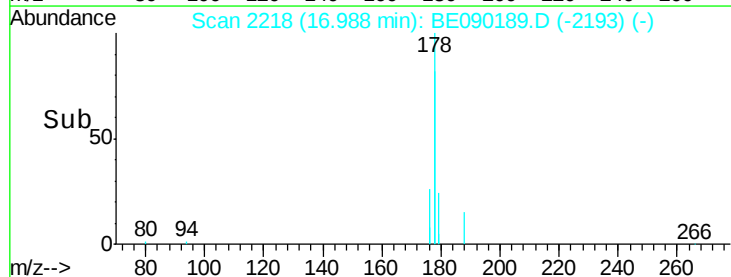
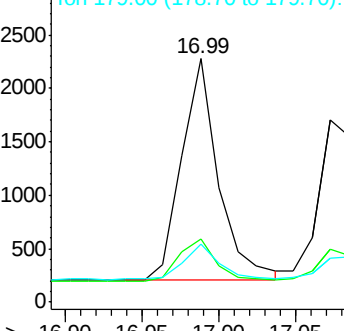
178 100

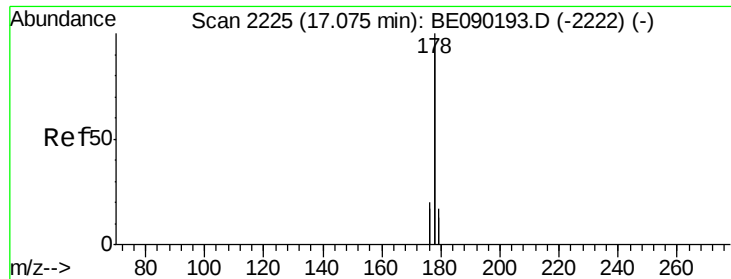
176 26.1 15.3 22.9#

179 23.6 14.0 21.0#



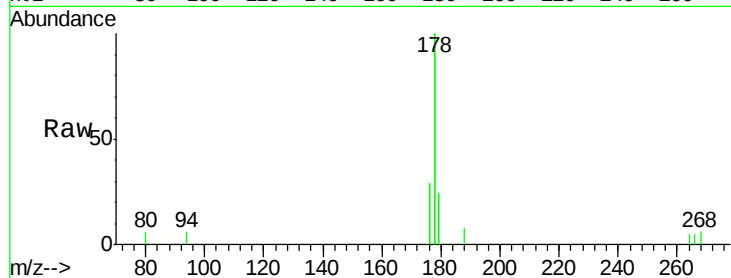
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



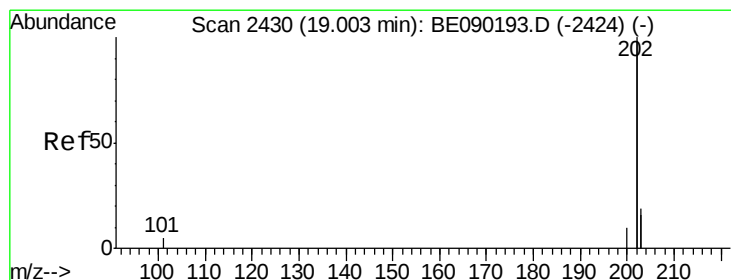
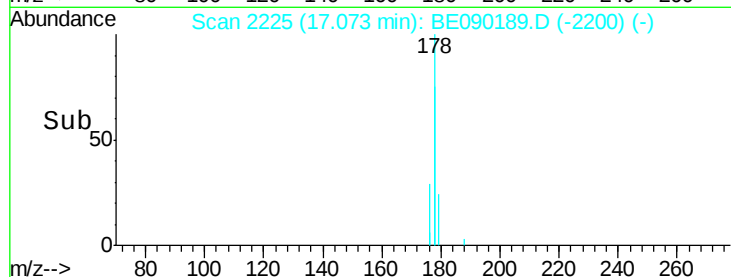
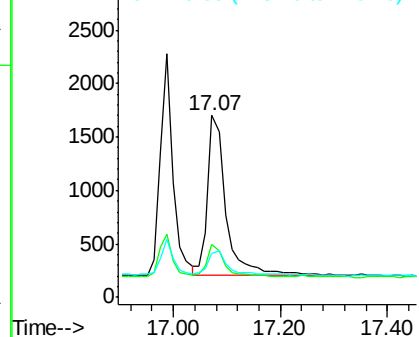


#13
 Anthracene
 Concen: 0.05 ng/ul
 RT: 17.07 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE090189.D
 Acq: 20 Jul 2015 23:43

Tgt Ion:178 Resp: 3509
 Ion Ratio Lower Upper
 178 100
 176 29.3 16.0 24.0#
 179 24.2 13.4 20.0#

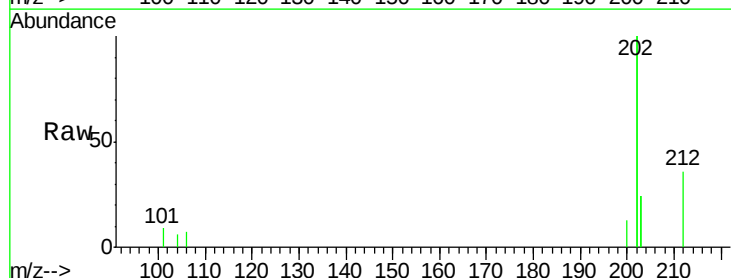


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

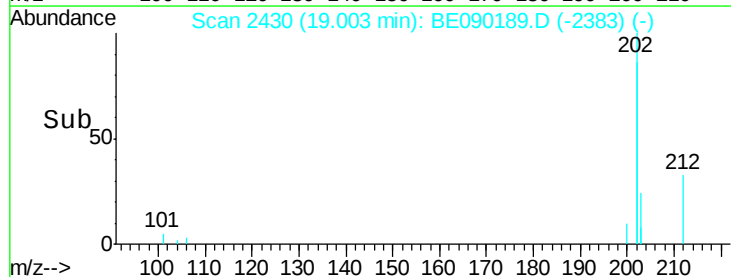
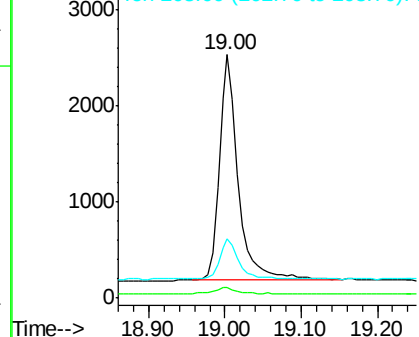


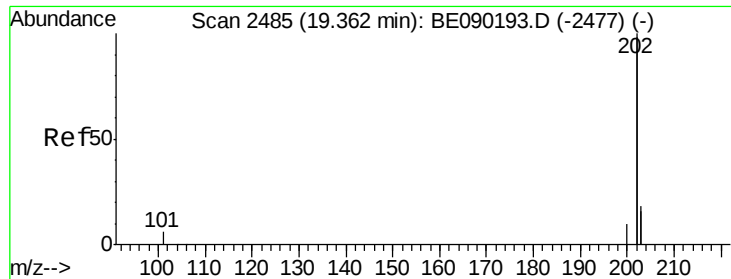
#15
 Fluoranthene
 Concen: 0.05 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BE090189.D
 Acq: 20 Jul 2015 23:43

Tgt Ion:202 Resp: 4113
 Ion Ratio Lower Upper
 202 100
 101 4.3 0.0 23.0
 203 24.2 0.0 37.0



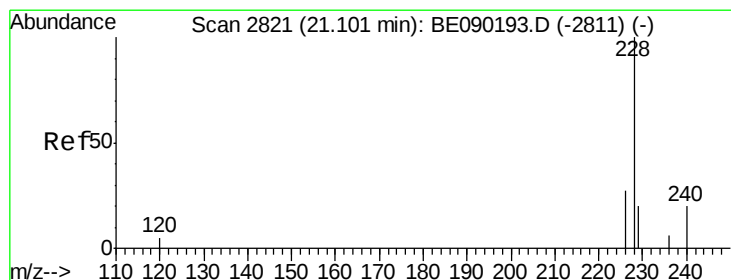
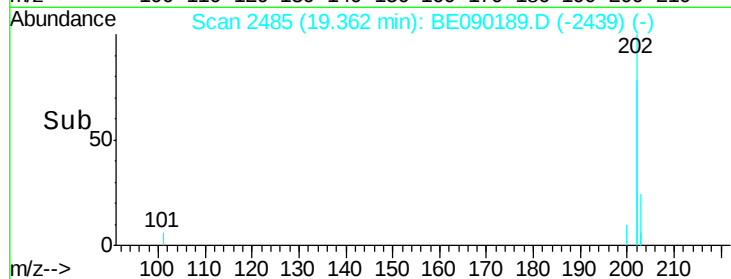
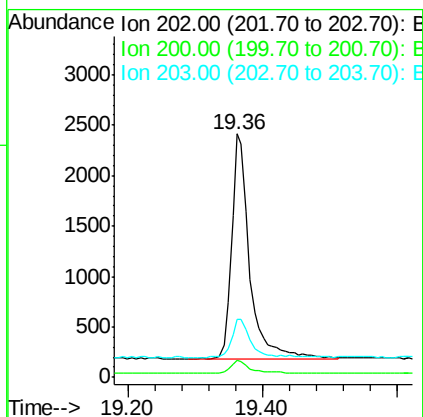
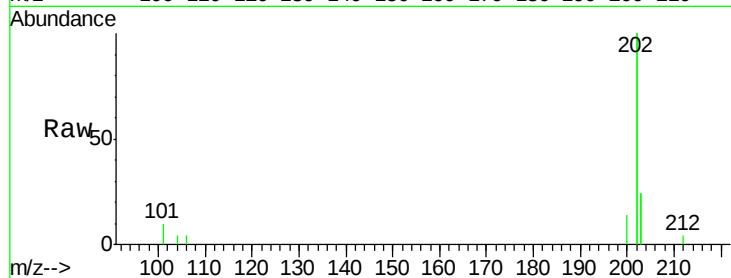
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





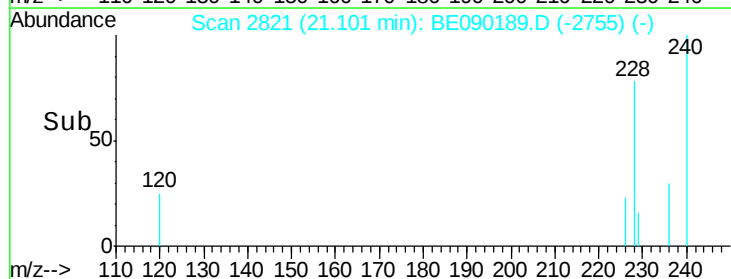
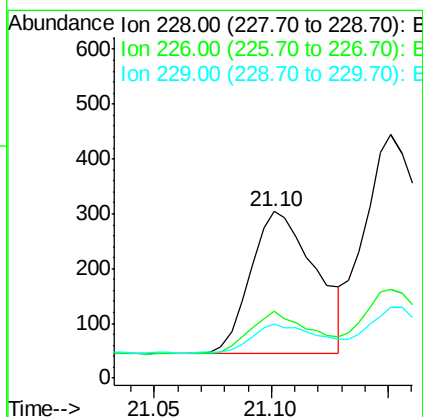
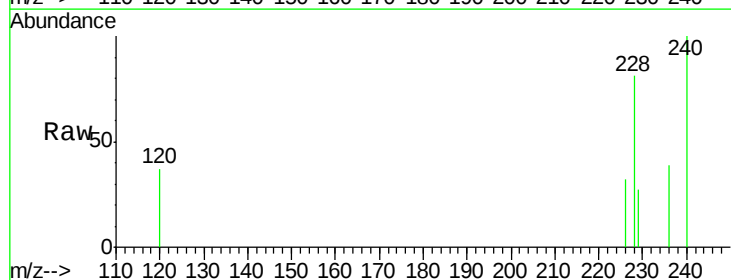
#17
Pyrene
Concen: 0.06 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

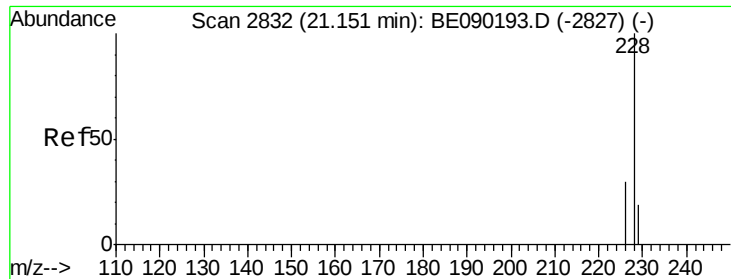
Tgt Ion: 202 Resp: 4172
Ion Ratio Lower Upper
202 100
200 7.0 4.3 6.5#
203 23.7 14.6 21.8#



#18
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion: 228 Resp: 502
Ion Ratio Lower Upper
228 100
226 40.1 22.2 33.4#
229 32.9 16.9 25.3#





#19

Chrysene

Concen: 0.06 ng/ul m

RT: 21.15 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BE090189.D

Acq: 20 Jul 2015 23:43

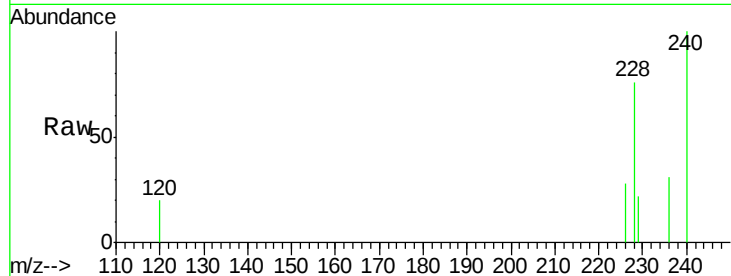
Tgt Ion: 228 Resp: 1051

Ion Ratio Lower Upper

228 100

226 36.5 24.3 36.5#

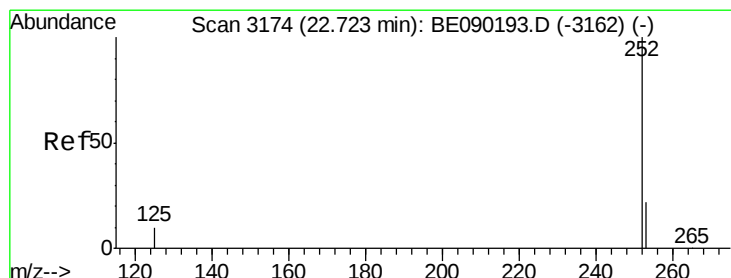
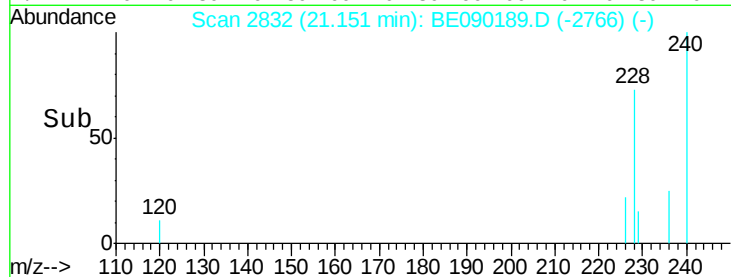
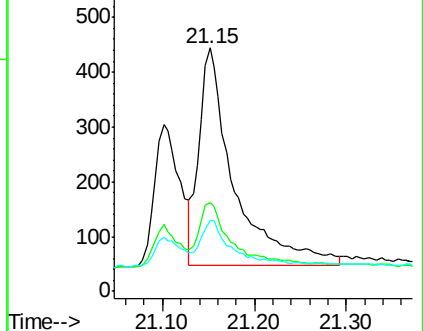
229 29.1 16.6 24.8#



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: 0.03 ng/ul

RT: 22.72 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE090189.D

Acq: 20 Jul 2015 23:43

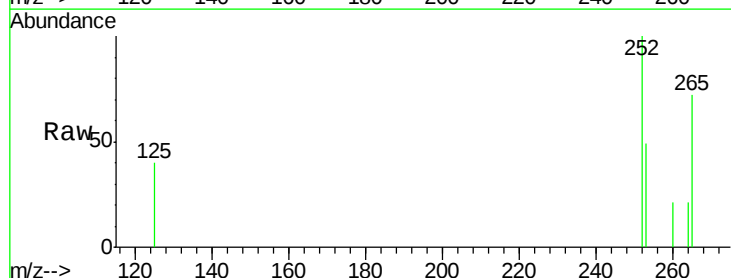
Tgt Ion: 252 Resp: 319

Ion Ratio Lower Upper

252 100

253 48.6 0.0 46.8#

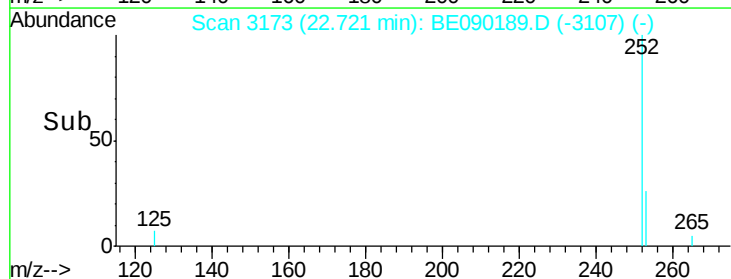
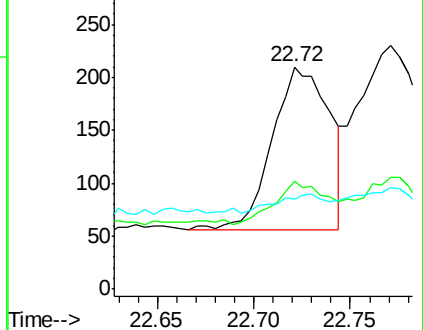
125 40.5 0.0 25.4#

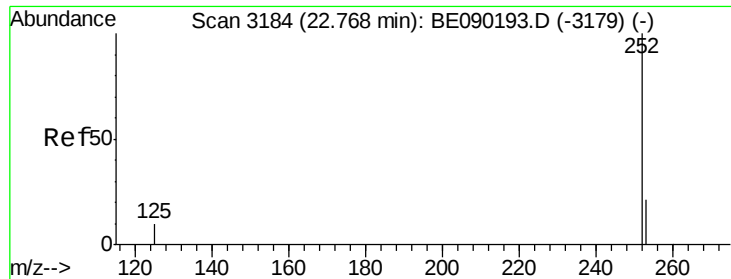


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.04 ng/ul m

RT: 22.77 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BE090189.D

Acq: 20 Jul 2015 23:43

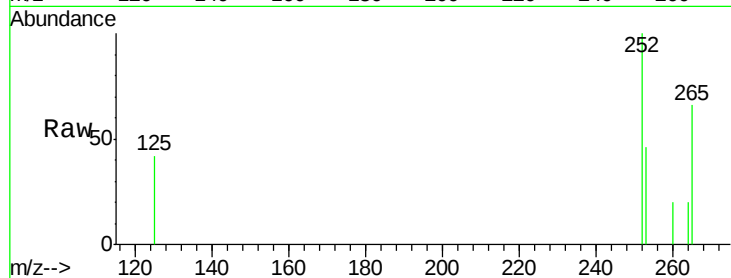
Tgt Ion: 252 Resp: 637

Ion Ratio Lower Upper

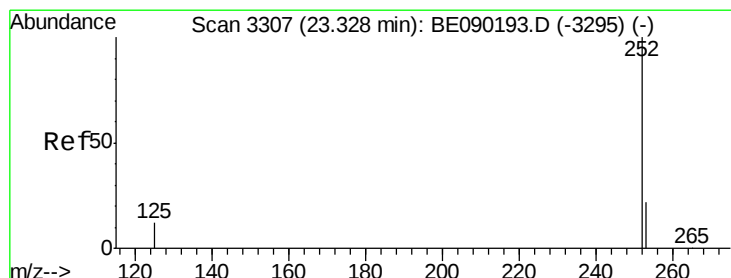
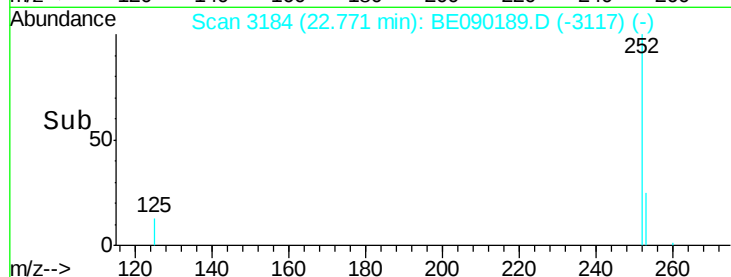
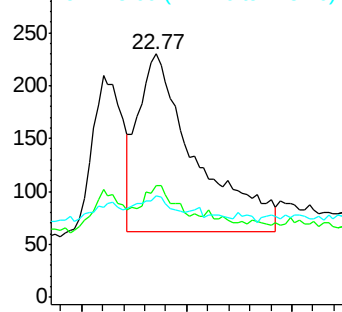
252 100

253 45.7 18.3 27.5#

125 41.7 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: 0.03 ng/ul

RT: 23.33 min Scan# 3306

Delta R.T. 0.00 min

Lab File: BE090189.D

Acq: 20 Jul 2015 23:43

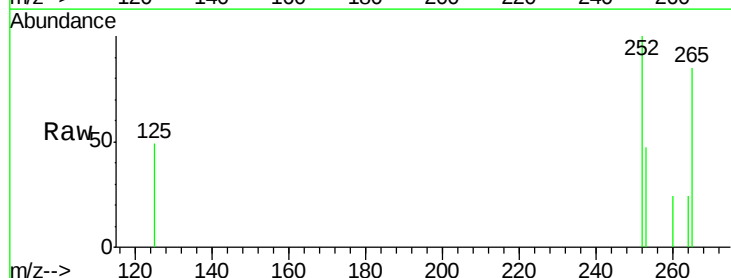
Tgt Ion: 252 Resp: 366

Ion Ratio Lower Upper

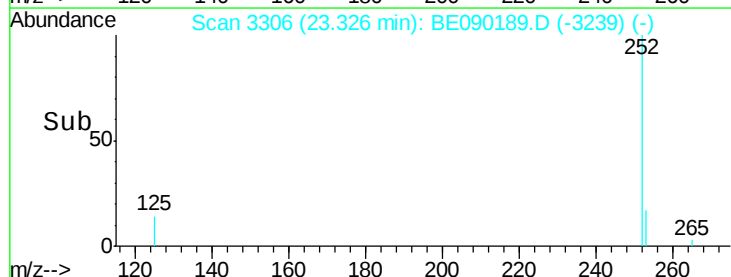
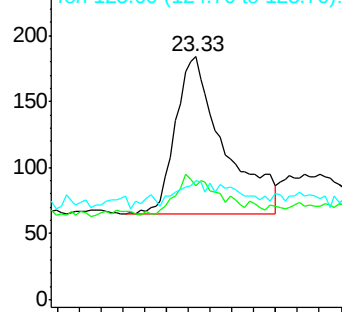
252 100

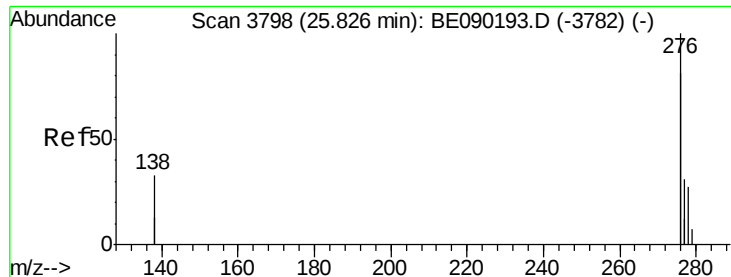
253 46.7 18.4 27.6#

125 48.9 11.5 17.3#



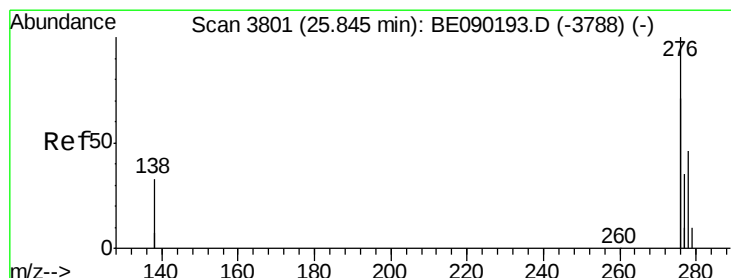
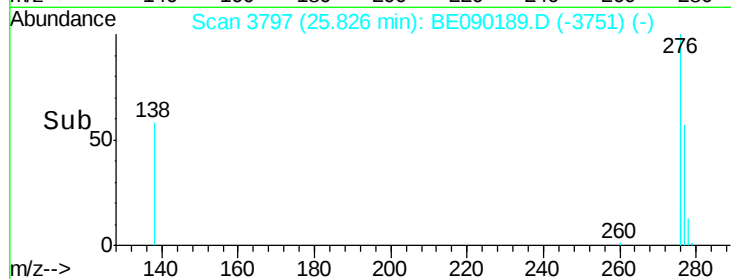
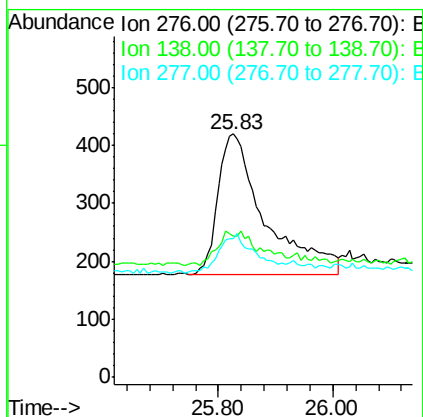
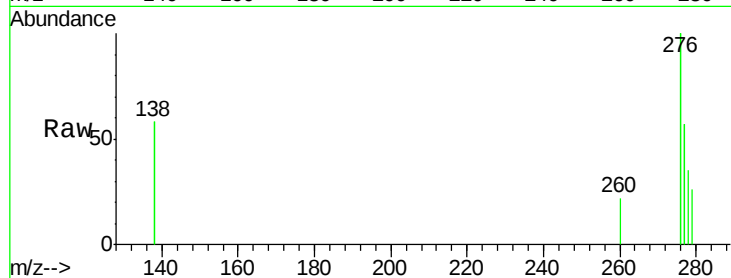
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





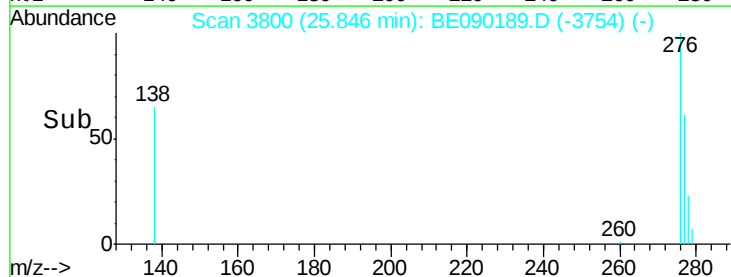
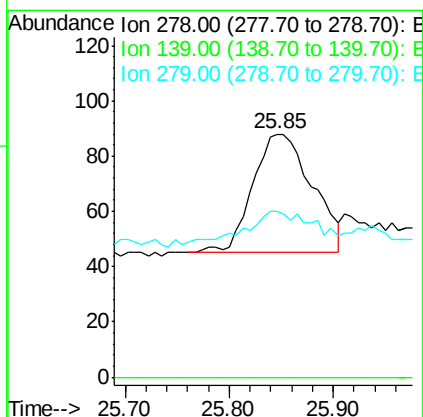
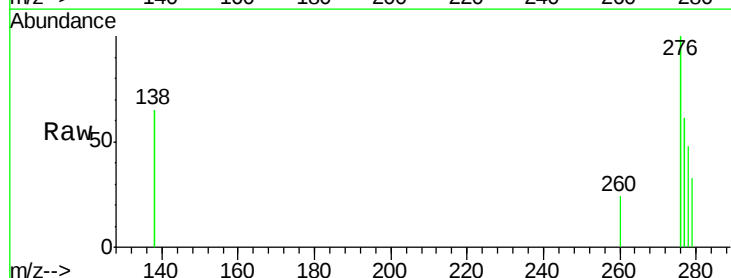
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng/ul
 RT: 25.83 min Scan# 3797
 Delta R.T. 0.00 min
 Lab File: BE090189.D
 Acq: 20 Jul 2015 23:43

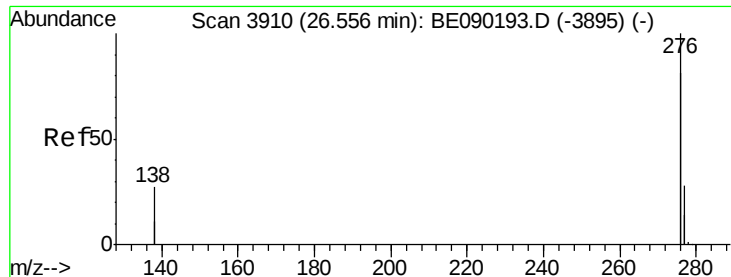
Tgt Ion: 276 Resp: 1404
 Ion Ratio Lower Upper
 276 100
 138 9.1 19.8 29.8#
 277 21.6 19.8 29.6



#25
 Dibenzo(a,h)anthracene
 Concen: 0.02 ng/ul
 RT: 25.85 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: BE090189.D
 Acq: 20 Jul 2015 23:43

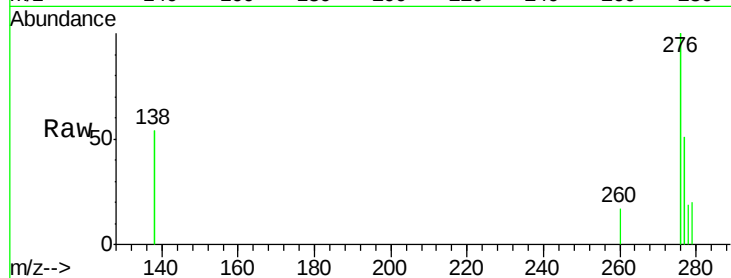
Tgt Ion: 278 Resp: 171
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 68.2 20.0 30.0#





#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: BE090189.D
 Acq: 20 Jul 2015 23:43

Tgt Ion: 276 Resp: 1854
 Ion Ratio Lower Upper
 276 100
 277 50.8 20.6 31.0#
 138 53.6 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

