

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090185.D
 Acq On : 20 Jul 2015 21:17
 Operator : TP/IZ
 Sample : MDL-BLK-W
 Misc : MDL-WATER-SIM2.2-BLK
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 21 05:22:35 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	786	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3712	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	2163	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	5712	0.40	ng/ul	0.01
16) Chrysene-d12	21.12	240	5615	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4658	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2469	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	7849	0.45	ng/ul	0.00

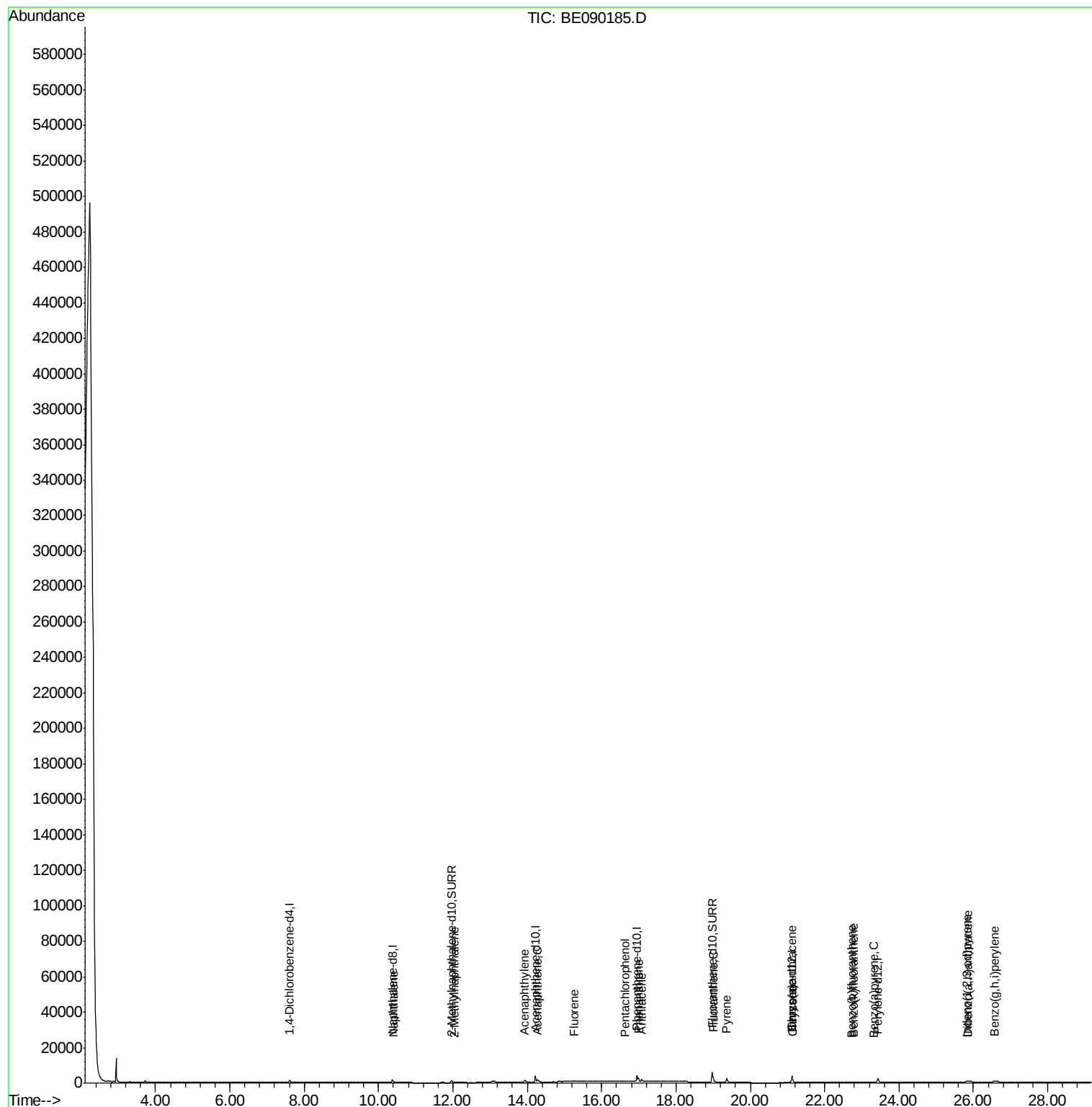
Target Compounds

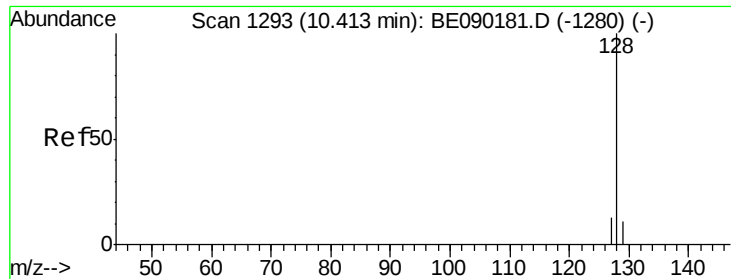
						Qvalue
3) Naphthalene	10.42	128	196	0.02	ng/ul#	29
5) 2-Methylnaphthalene	12.03	142	197	0.03	ng/ul	99
7) Acenaphthylene	13.93	152	1754	0.04	ng/ul#	76
8) Acenaphthene	14.28	153	1265	0.04	ng/ul	91
9) Fluorene	15.27	166	409	0.04	ng/ul#	86
11) Pentachlorophenol	16.62	266	26	0.04	ng/ul#	85
12) Phenanthrene	16.99	178	2668	0.04	ng/ul#	82
13) Anthracene	17.07	178	2451	0.04	ng/ul#	74
15) Fluoranthene	19.00	202	3191	0.04	ng/ul	81
17) Pyrene	19.36	202	3109	0.04	ng/ul#	87
18) Benzo(a)anthracene	21.10	228	474	0.03	ng/ul#	76
19) Chrysene	21.15	228	700	0.04	ng/ul#	87
21) Benzo(b)fluoranthene	22.73	252	355	0.03	ng/ul#	48
22) Benzo(k)fluoranthene	22.77	252	570	0.03	ng/ul#	52
23) Benzo(a)pyrene	23.32	252	366	0.03	ng/ul#	32
24) Indeno(1,2,3-cd)pyrene	25.84	276	1430	0.02	ng/ul	98
25) Dibenzo(a,h)anthracene	25.86	278	252	0.02	ng/ul#	16
26) Benzo(g,h,i)perylene	26.56	276	1923	0.03	ng/ul#	50

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

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BE090185.D

Acq: 20 Jul 2015 21:17

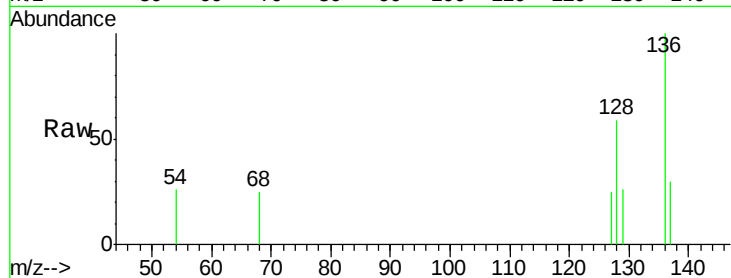
Tgt Ion:128 Resp: 196

Ion Ratio Lower Upper

128 100

129 43.9 10.2 15.4#

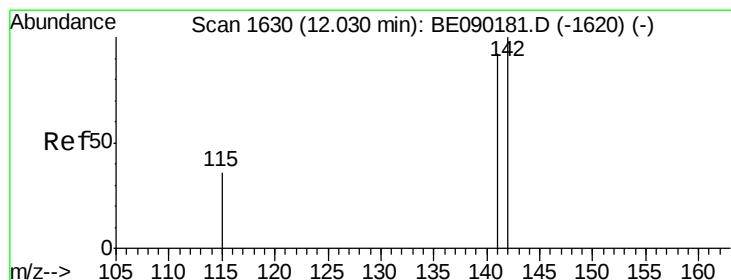
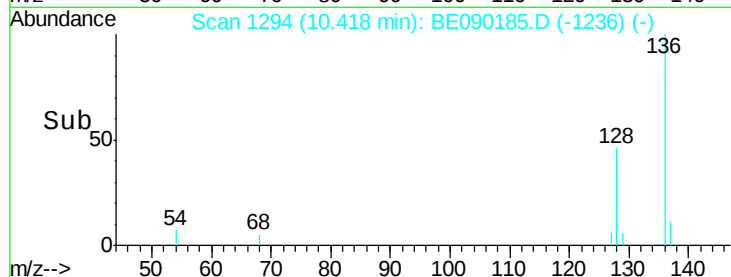
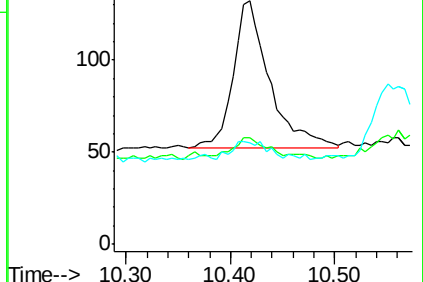
127 41.7 11.9 17.9#



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: 0.03 ng/ul

RT: 12.03 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE090185.D

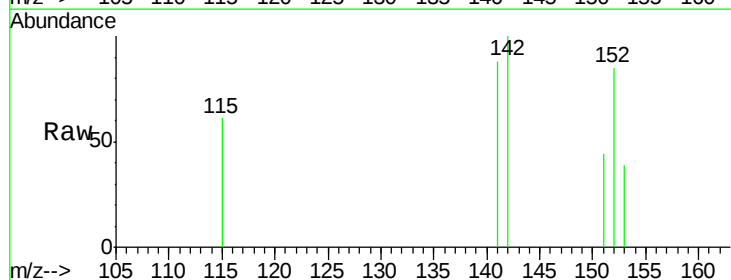
Acq: 20 Jul 2015 21:17

Tgt Ion:142 Resp: 197

Ion Ratio Lower Upper

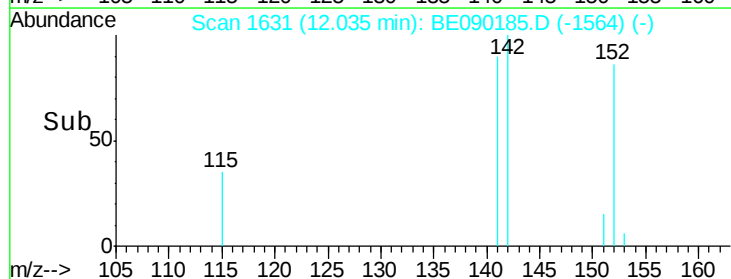
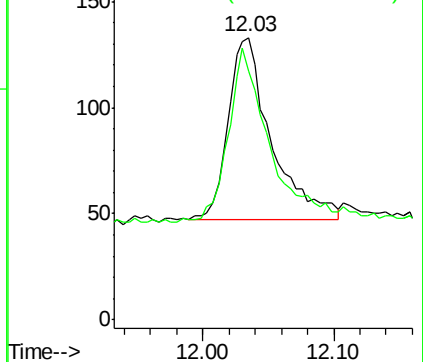
142 100

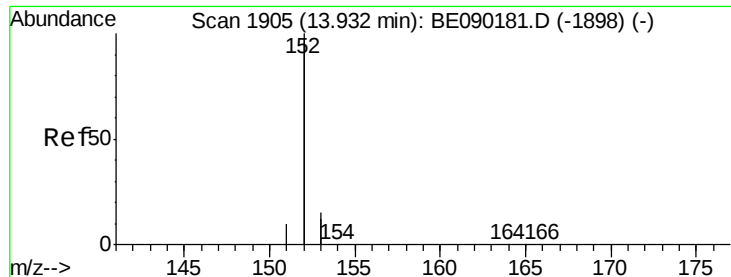
141 90.9 73.4 110.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BE090185.D

Acq: 20 Jul 2015 21:17

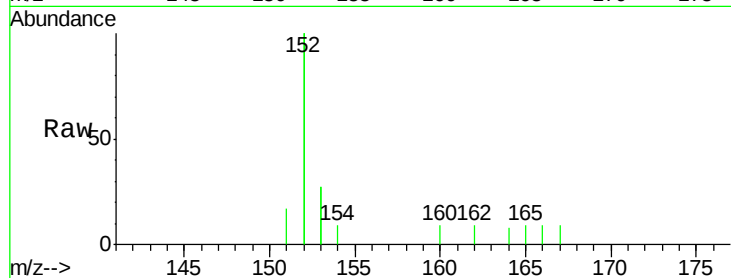
Tgt Ion:152 Resp: 1754

Ion Ratio Lower Upper

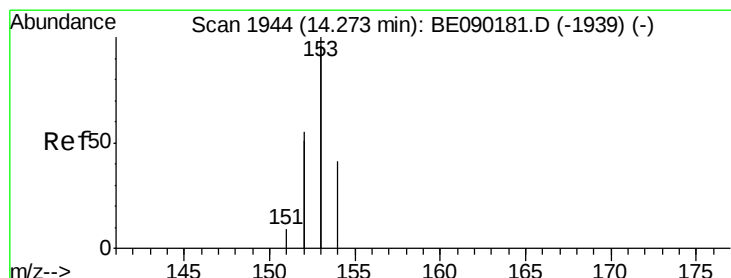
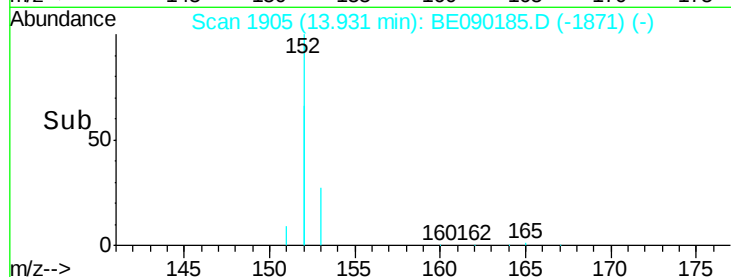
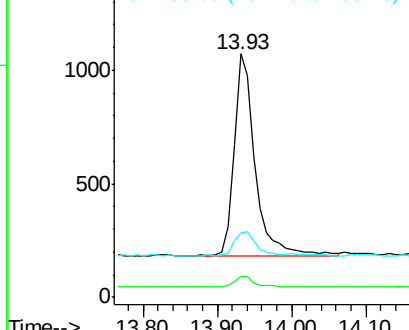
152 100

151 8.7 4.2 6.4#

153 26.7 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: 0.04 ng/ul

RT: 14.28 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BE090185.D

Acq: 20 Jul 2015 21:17

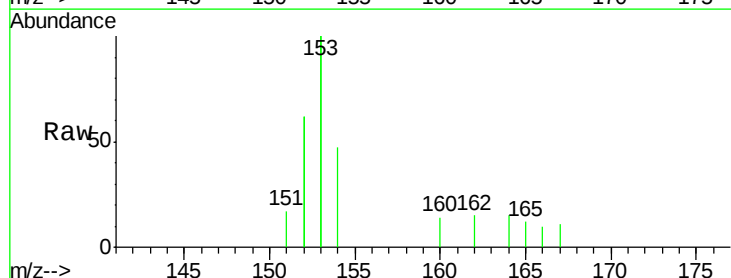
Tgt Ion:153 Resp: 1265

Ion Ratio Lower Upper

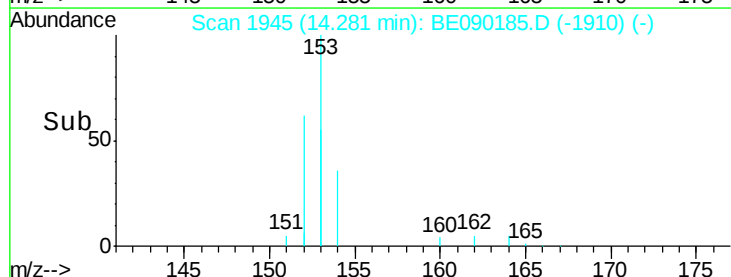
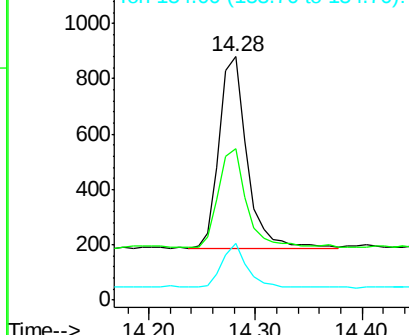
153 100

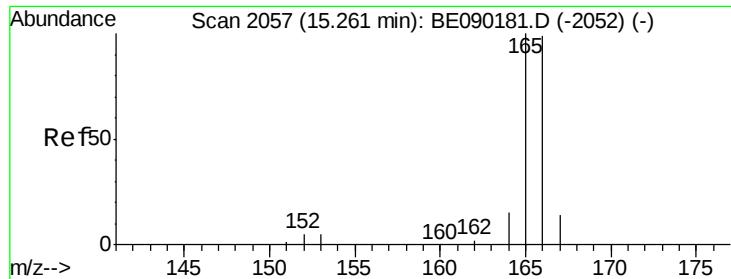
152 62.0 43.8 65.8

154 23.4 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: 0.04 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BE090185.D

Acq: 20 Jul 2015 21:17

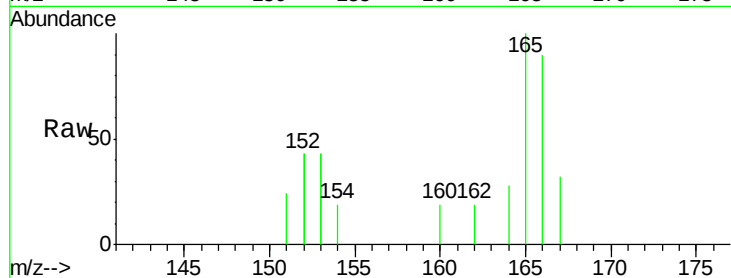
Tgt Ion:166 Resp: 409

Ion Ratio Lower Upper

166 100

165 110.7 81.2 121.8

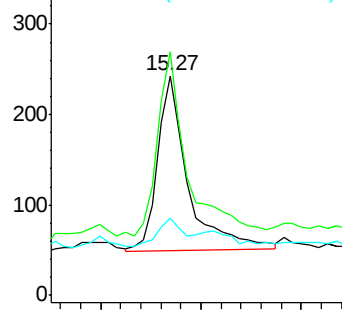
167 35.4 12.6 19.0#



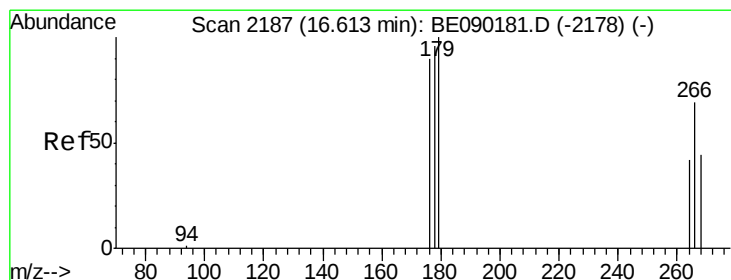
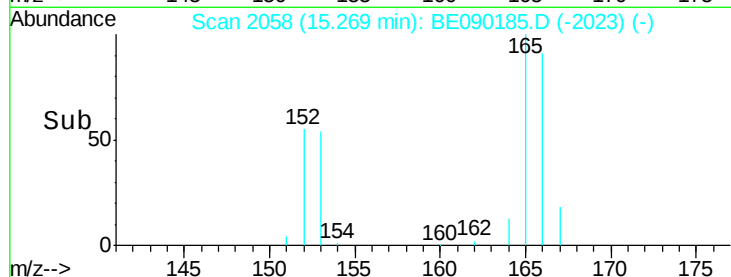
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 0.04 ng/ul

RT: 16.62 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BE090185.D

Acq: 20 Jul 2015 21:17

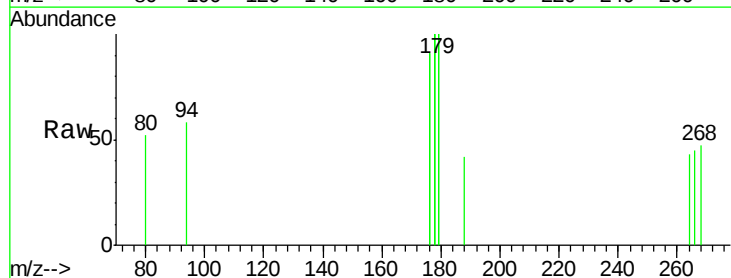
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

264 61.5 47.7 71.5

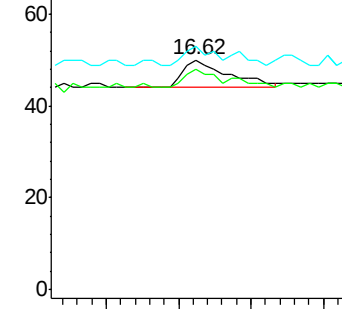
268 38.5 47.0 70.6#



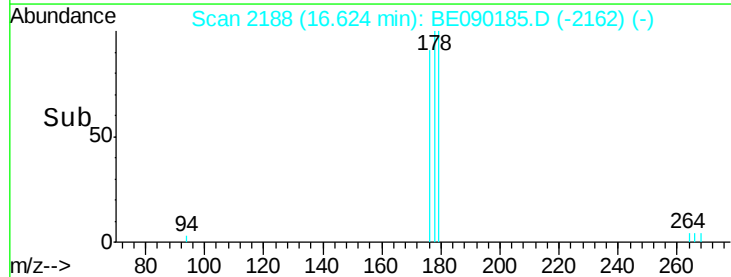
Abundance Ion 266.00 (265.70 to 266.70): E

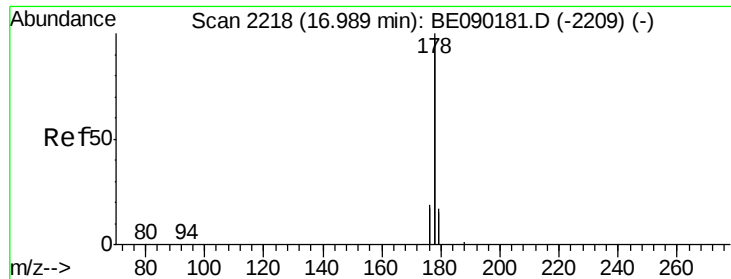
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



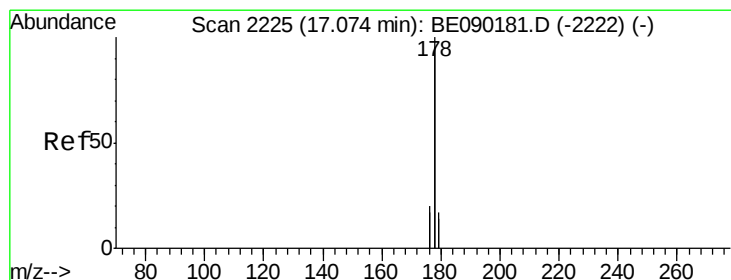
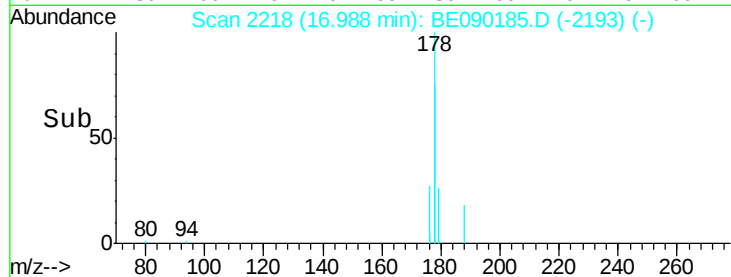
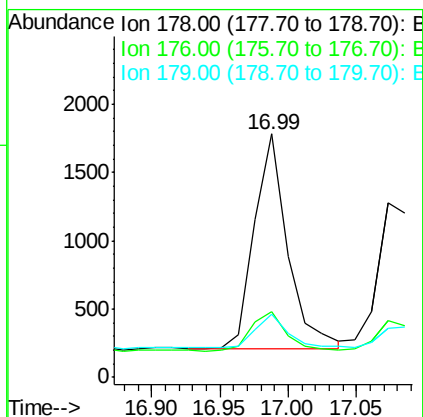
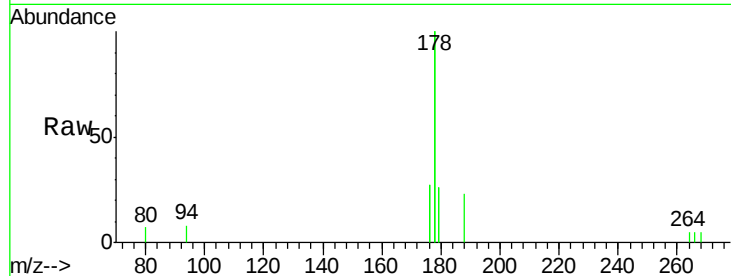
Time-->





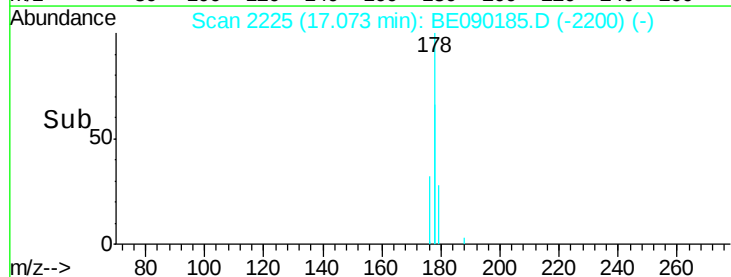
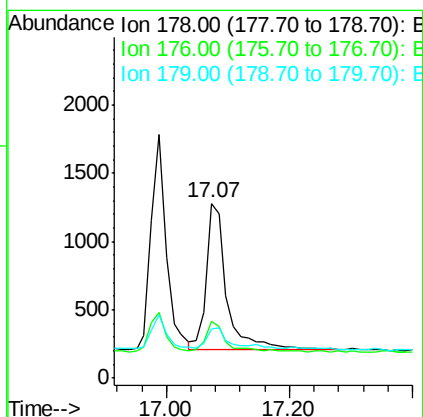
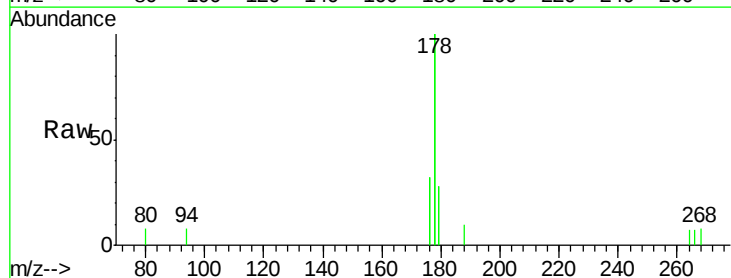
#12
Phenanthrene
Concen: 0.04 ng/ul
RT: 16.99 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BE090185.D
Acq: 20 Jul 2015 21:17

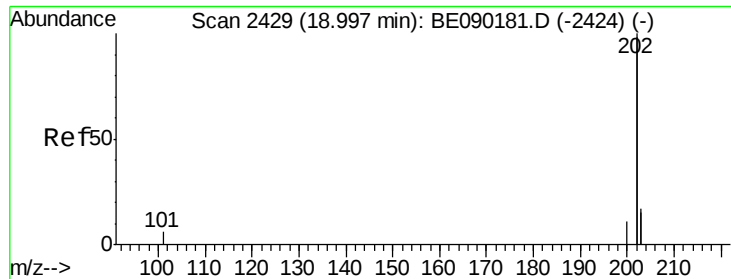
Tgt Ion:178 Resp: 2668
Ion Ratio Lower Upper
178 100
176 27.1 15.3 22.9#
179 25.7 14.0 21.0#



#13
Anthracene
Concen: 0.04 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE090185.D
Acq: 20 Jul 2015 21:17

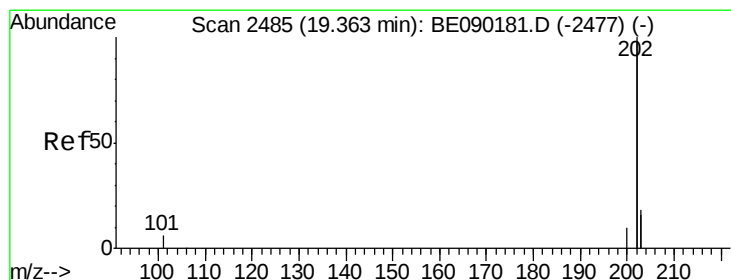
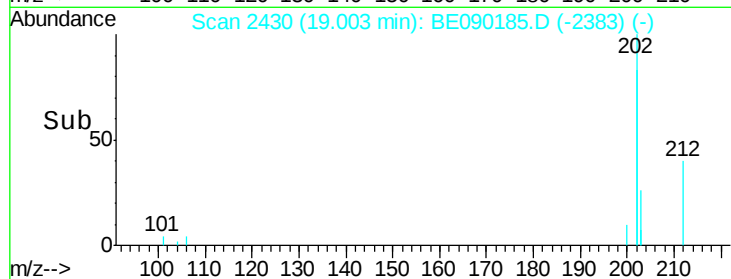
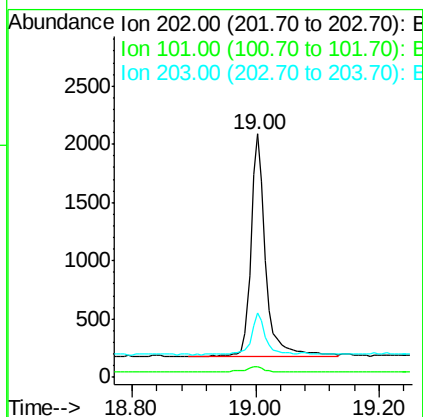
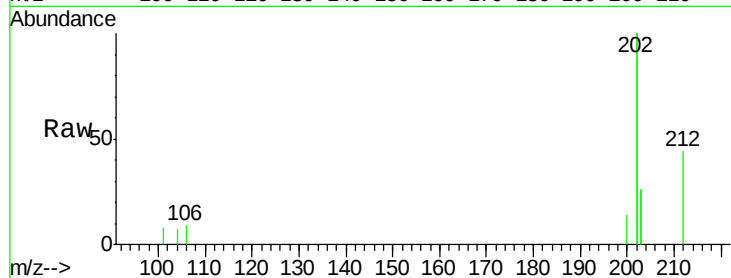
Tgt Ion:178 Resp: 2451
Ion Ratio Lower Upper
178 100
176 32.3 16.0 24.0#
179 27.9 13.4 20.0#





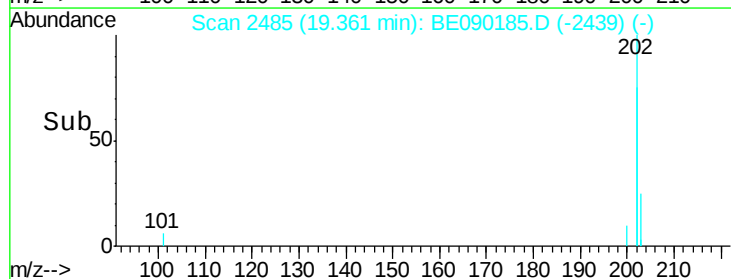
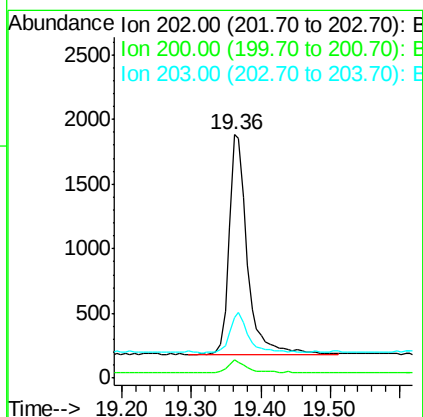
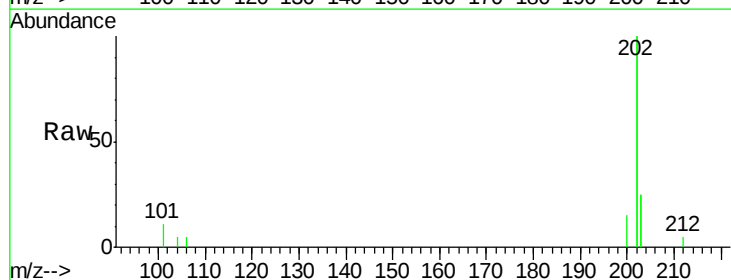
#15
Fluoranthene
Concen: 0.04 ng/ul
RT: 19.00 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BE090185.D
Acq: 20 Jul 2015 21:17

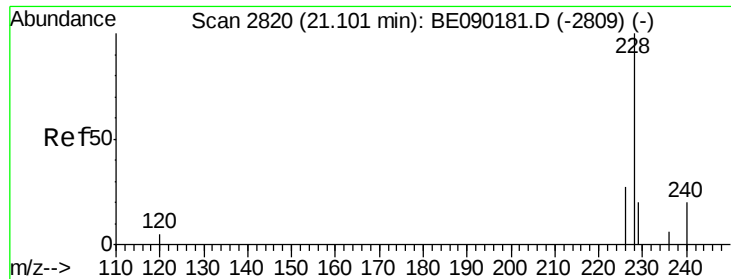
Tgt Ion: 202 Resp: 3191
Ion Ratio Lower Upper
202 100
101 4.1 0.0 23.0
203 26.3 0.0 37.0



#17
Pyrene
Concen: 0.04 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090185.D
Acq: 20 Jul 2015 21:17

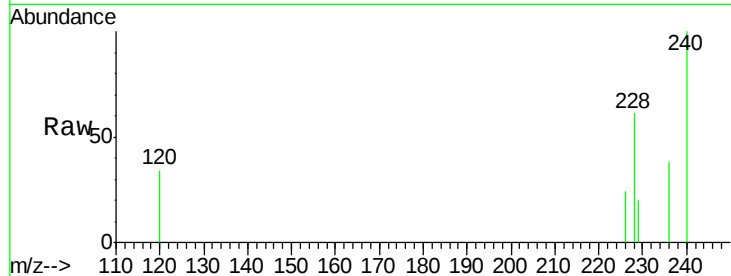
Tgt Ion: 202 Resp: 3109
Ion Ratio Lower Upper
202 100
200 7.4 4.3 6.5#
203 25.0 14.6 21.8#



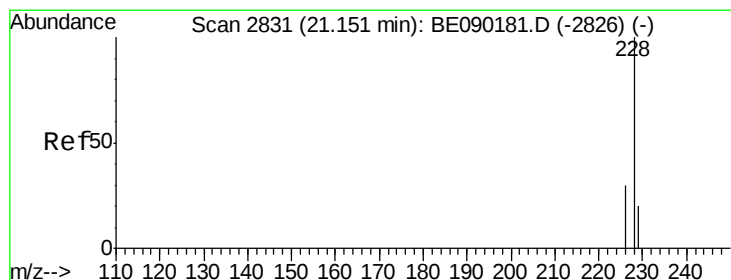
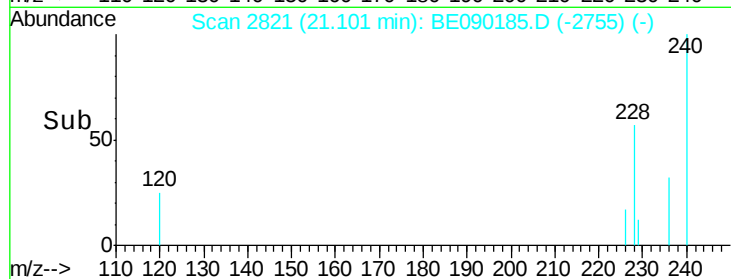
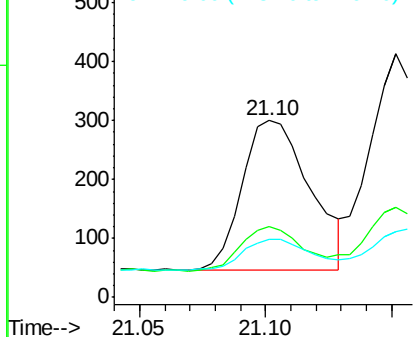


#18
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090185.D
Acq: 20 Jul 2015 21:17

Tgt Ion:228 Resp: 474
Ion Ratio Lower Upper
228 100
226 40.0 22.2 33.4#
229 33.0 16.9 25.3#

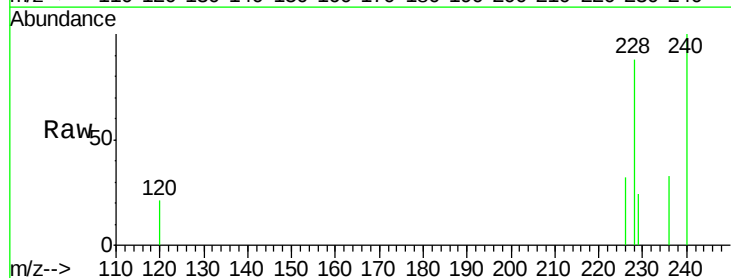


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

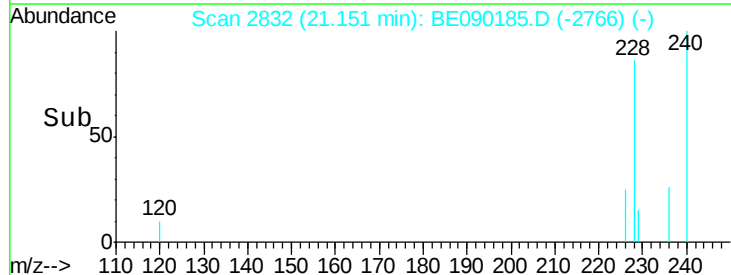
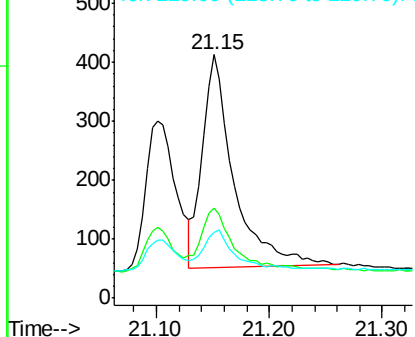


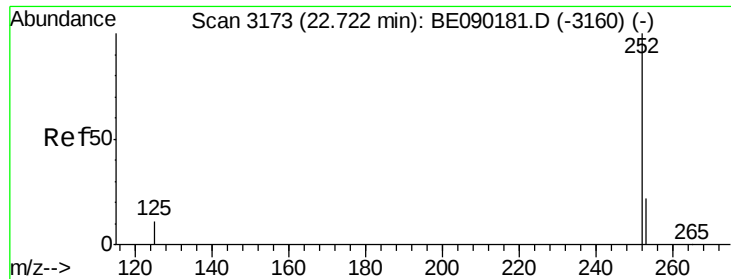
#19
Chrysene
Concen: 0.04 ng/ul
RT: 21.15 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE090185.D
Acq: 20 Jul 2015 21:17

Tgt Ion:228 Resp: 700
Ion Ratio Lower Upper
228 100
226 37.0 24.3 36.5#
229 26.9 16.6 24.8#



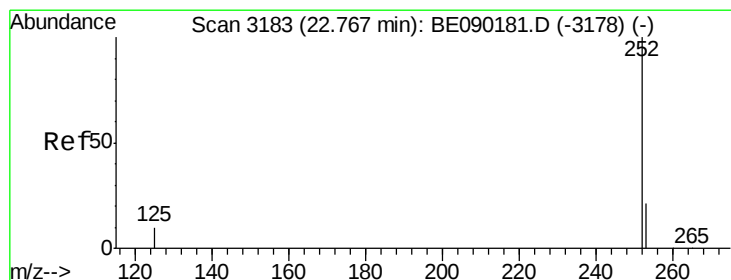
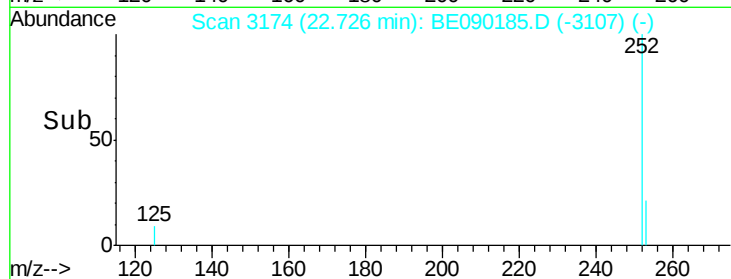
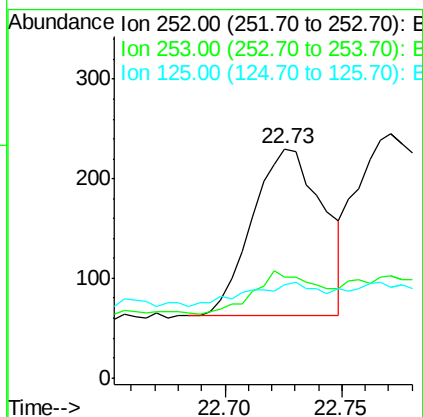
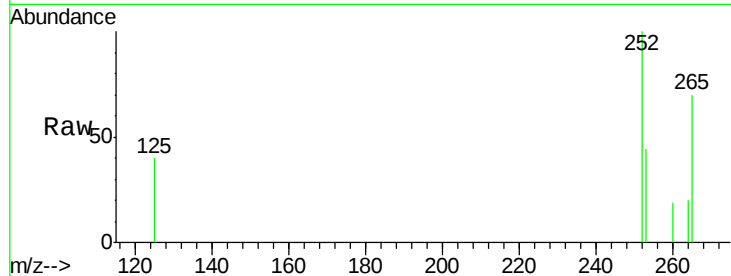
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





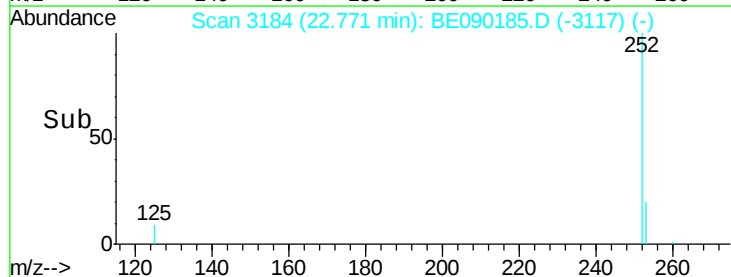
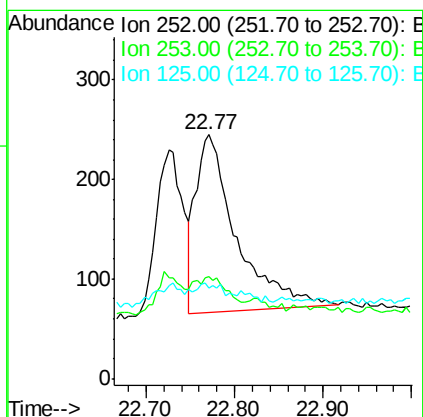
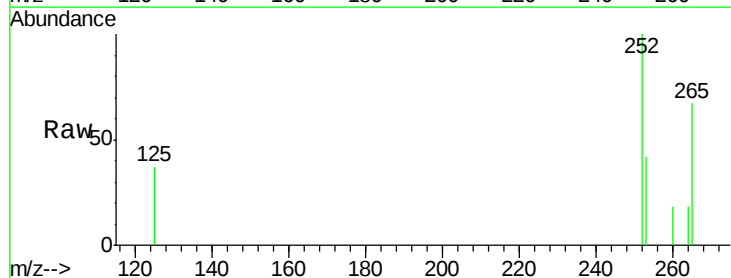
#21
Benzo(b)fluoranthene
Concen: 0.03 ng/u1
RT: 22.73 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE090185.D
Acq: 20 Jul 2015 21:17

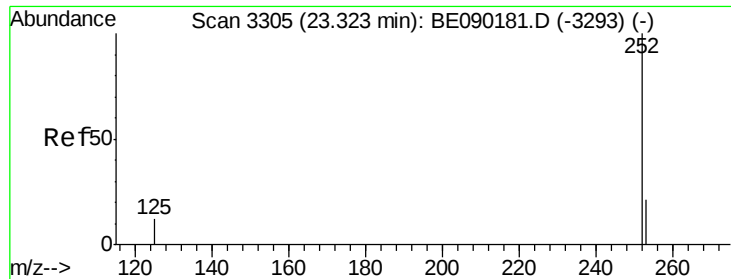
Tgt Ion:252 Resp: 355
Ion Ratio Lower Upper
252 100
253 43.9 0.0 46.8
125 40.4 0.0 25.4#



#22
Benzo(k)fluoranthene
Concen: 0.03 ng/u1
RT: 22.77 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BE090185.D
Acq: 20 Jul 2015 21:17

Tgt Ion:252 Resp: 570
Ion Ratio Lower Upper
252 100
253 42.0 18.3 27.5#
125 37.1 9.8 14.8#





#23

Benzo(a)pyrene

Concen: 0.03 ng/ul

RT: 23.32 min Scan# 3305

Delta R.T. -0.00 min

Lab File: BE090185.D

Acq: 20 Jul 2015 21:17

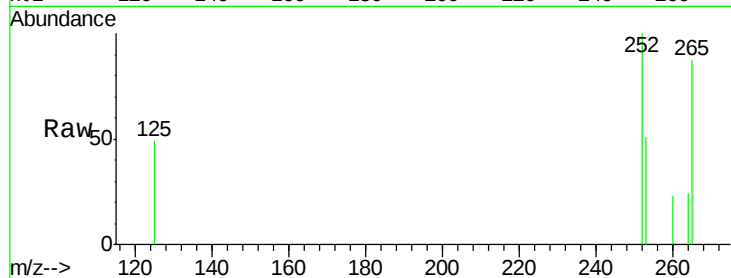
Tgt Ion: 252 Resp: 366

Ion Ratio Lower Upper

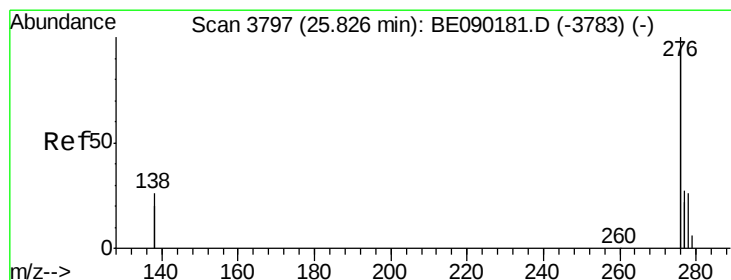
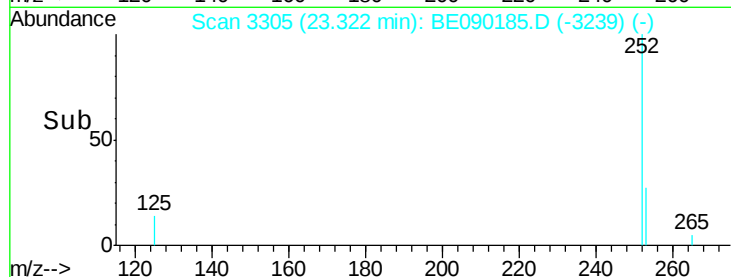
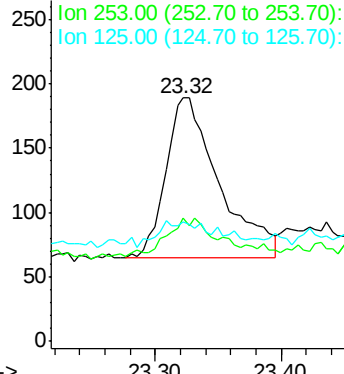
252 100

253 50.8 18.4 27.6#

125 49.2 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: 0.02 ng/ul

RT: 25.84 min Scan# 3799

Delta R.T. 0.01 min

Lab File: BE090185.D

Acq: 20 Jul 2015 21:17

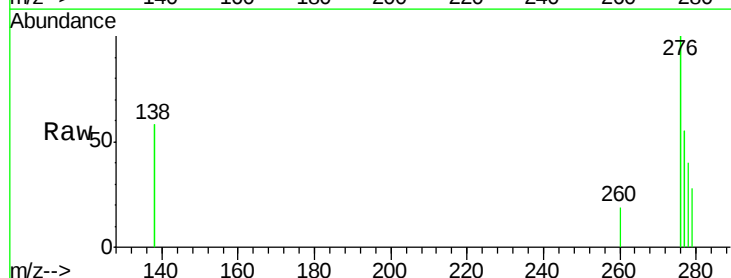
Tgt Ion: 276 Resp: 1430

Ion Ratio Lower Upper

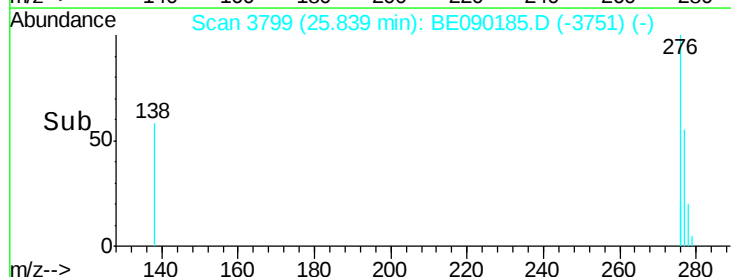
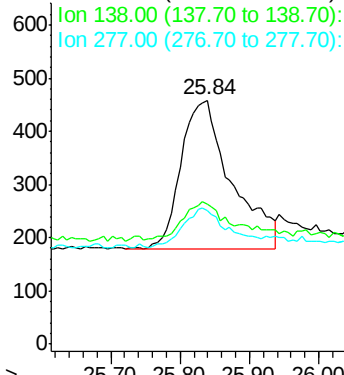
276 100

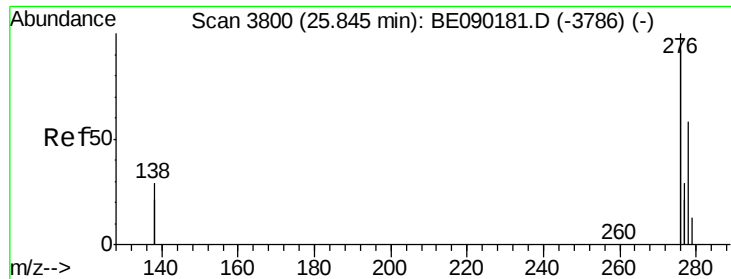
138 25.0 19.8 29.8

277 23.4 19.8 29.6



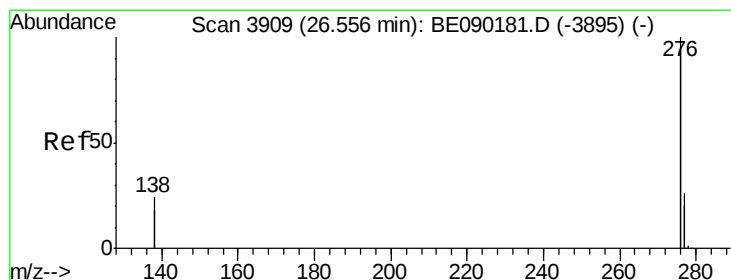
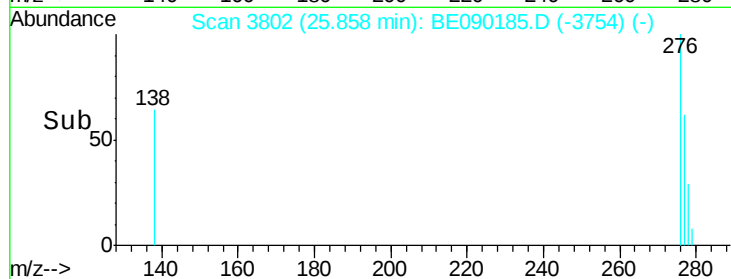
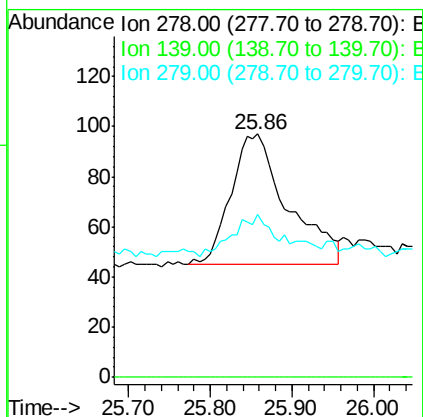
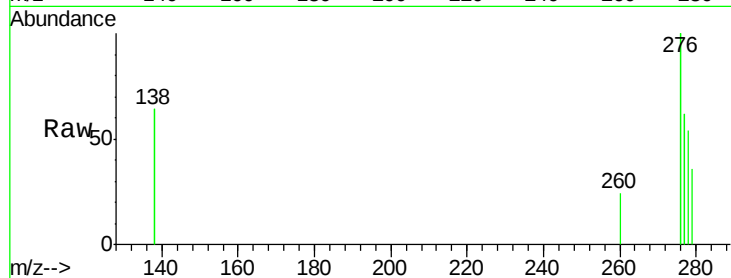
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.86 min Scan# 3802
Delta R.T. 0.01 min
Lab File: BE090185.D
Acq: 20 Jul 2015 21:17

Tgt Ion: 278 Resp: 252
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 67.0 20.0 30.0#



#26
Benzo(g,h,i)perylene
Concen: 0.03 ng/ul
RT: 26.56 min Scan# 3910
Delta R.T. 0.01 min
Lab File: BE090185.D
Acq: 20 Jul 2015 21:17

Tgt Ion: 276 Resp: 1923
Ion Ratio Lower Upper
276 100
277 50.9 20.6 31.0#
138 48.7 19.3 28.9#

