

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090179.D
 Acq On : 20 Jul 2015 17:33
 Operator : TP/IZ
 Sample : SSTD0.110
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 21 05:11:52 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 03:09:00 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	829	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3999	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2242	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5906	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	6227	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5967	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	629	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	1740	0.10	ng/ul	0.00

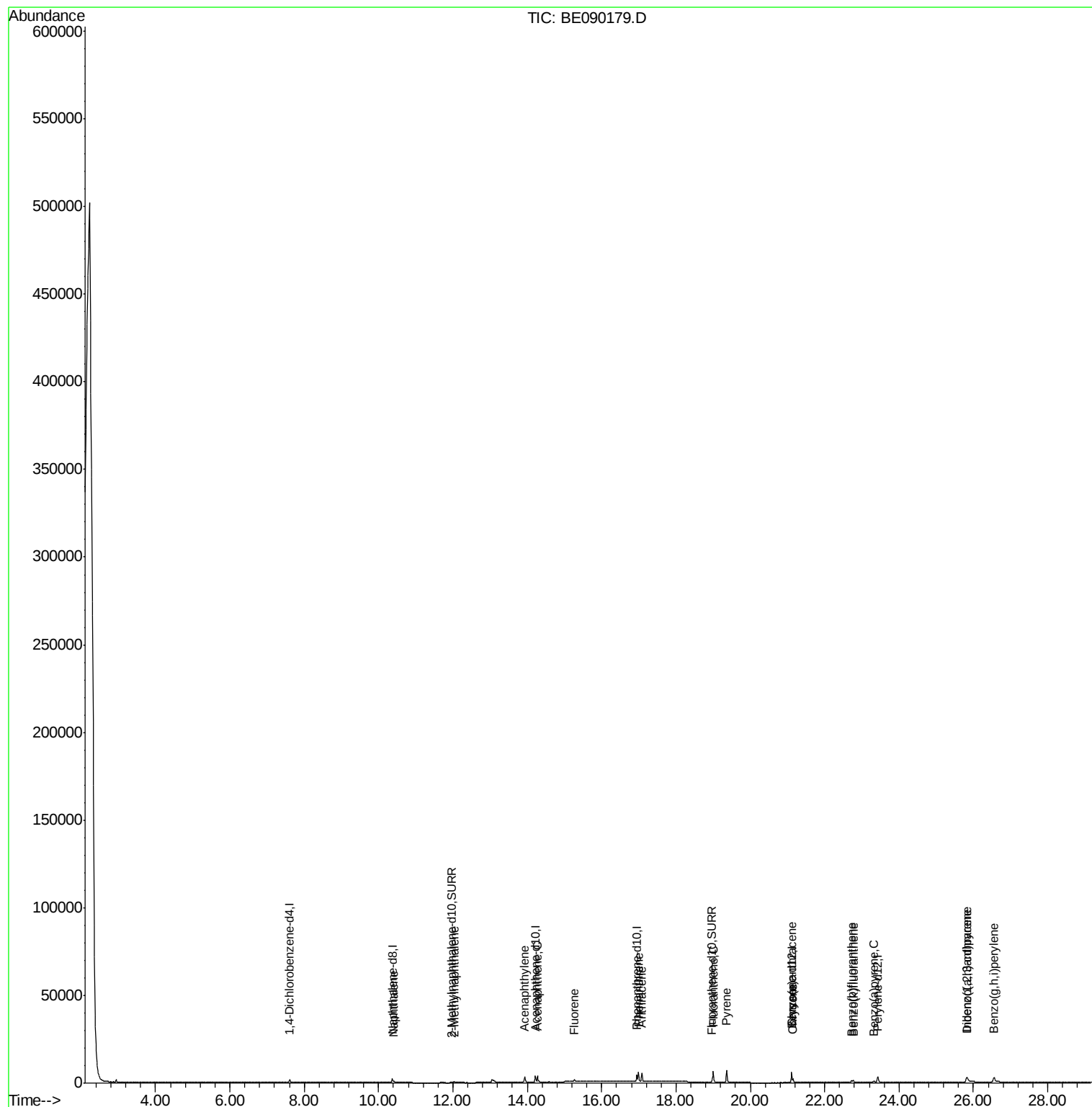
Target Compounds

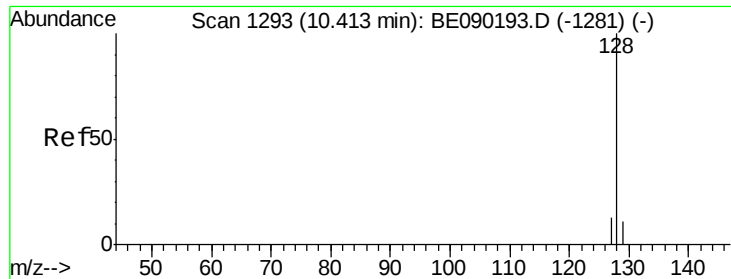
						Qvalue
3) Naphthalene	10.41	128	1065	0.10	ng/ul#	88
5) 2-Methylnaphthalene	12.04	142	725	0.10	ng/ul	95
7) Acenaphthylene	13.93	152	4764	0.10	ng/ul#	93
8) Acenaphthene	14.27	153	3458	0.10	ng/ul	95
9) Fluorene	15.27	166	1014	0.10	ng/ul#	97
12) Phenanthrene	16.99	178	7051	0.10	ng/ul	94
13) Anthracene	17.07	178	6545	0.09	ng/ul	94
15) Fluoranthene	19.00	202	7910	0.10	ng/ul	91
17) Pyrene	19.36	202	8370	0.10	ng/ul	95
18) Benzo(a)anthracene	21.10	228	1633	0.10	ng/ul	96
19) Chrysene	21.15	228	1987	0.09	ng/ul	95
21) Benzo(b)fluoranthene	22.72	252	1575	0.09	ng/ul	88
22) Benzo(k)fluoranthene	22.77	252	2053	0.08	ng/ul#	85
23) Benzo(a)pyrene	23.32	252	1602	0.09	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.82	276	7937	0.10	ng/ul	96
25) Dibenzo(a,h)anthracene	25.85	278	1458	0.10	ng/ul#	84
26) Benzo(g,h,i)perylene	26.56	276	6899	0.09	ng/ul#	89

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

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#3

Naphthalene

Concen: 0.10 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BE090179.D

Acq: 20 Jul 2015 17:33

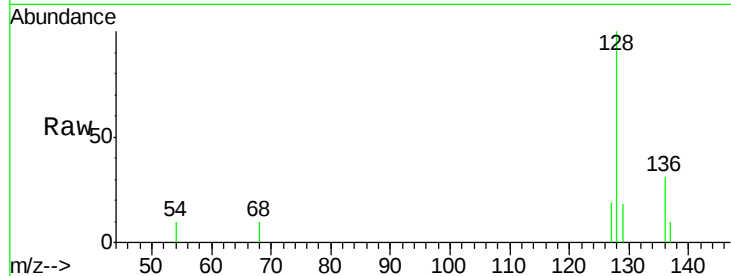
Tgt Ion:128 Resp: 1065

Ion Ratio Lower Upper

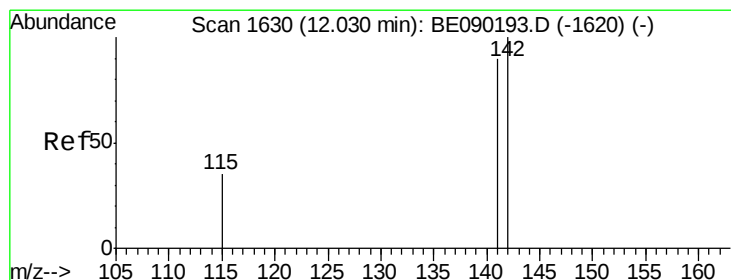
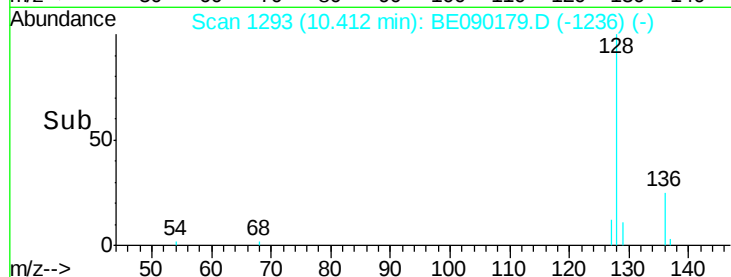
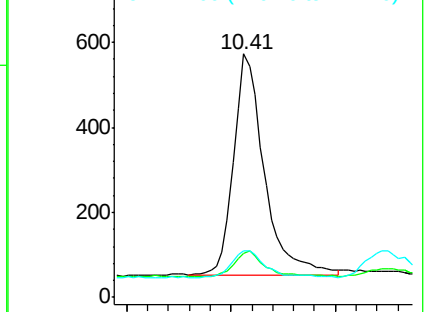
128 100

129 18.2 10.2 15.4#

127 19.2 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: 0.10 ng/ul

RT: 12.04 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE090179.D

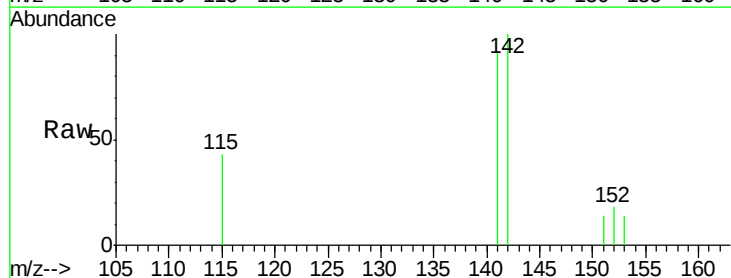
Acq: 20 Jul 2015 17:33

Tgt Ion:142 Resp: 725

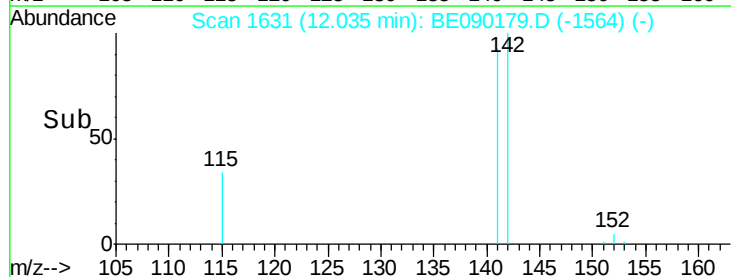
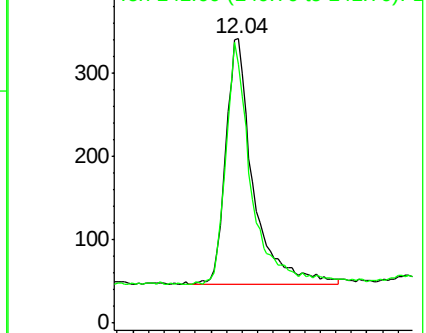
Ion Ratio Lower Upper

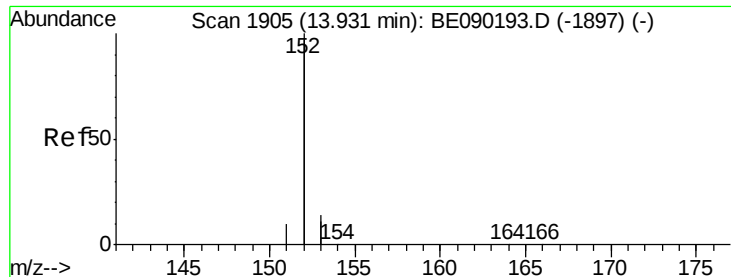
142 100

141 87.4 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: 0.10 ng/ul

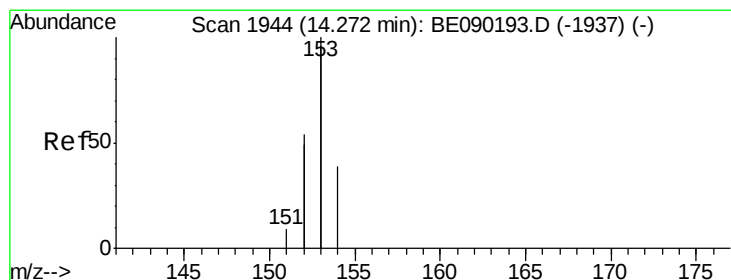
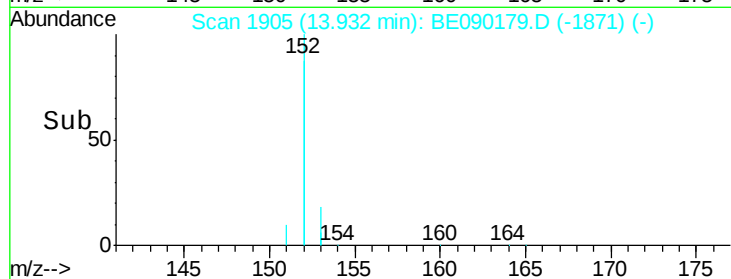
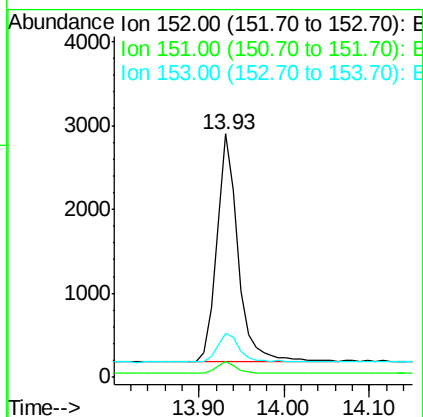
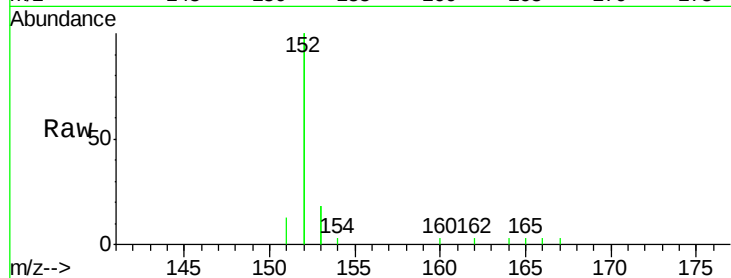
RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BE090179.D

Acq: 20 Jul 2015 17:33

Tgt Ion:	152	Resp:	4764
Ion	Ratio	Lower	Upper
152	100		
151	6.4	4.2	6.4#
153	18.2	11.9	17.9#



#8

Acenaphthene

Concen: 0.10 ng/ul

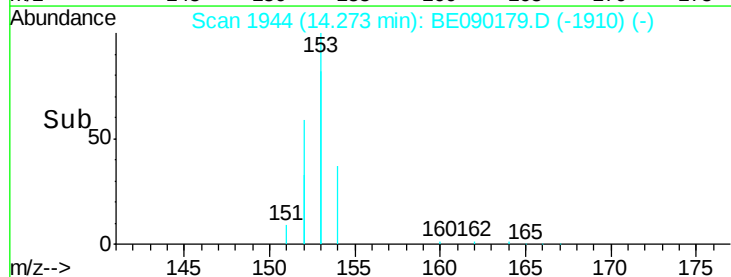
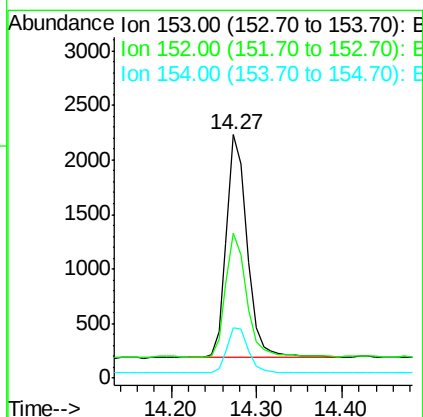
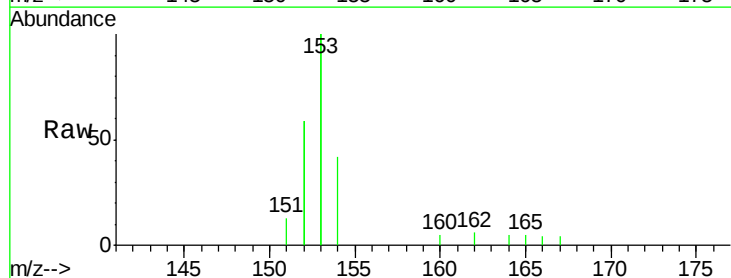
RT: 14.27 min Scan# 1944

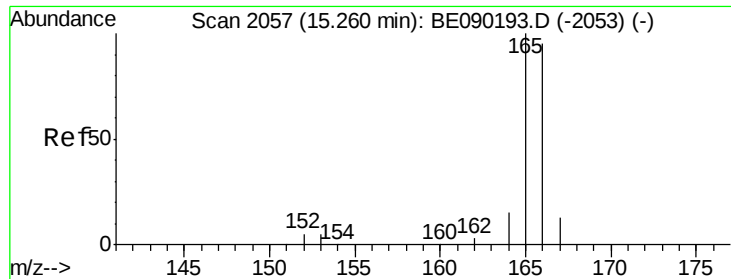
Delta R.T. -0.00 min

Lab File: BE090179.D

Acq: 20 Jul 2015 17:33

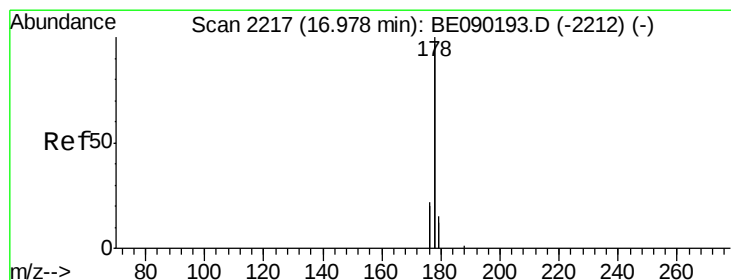
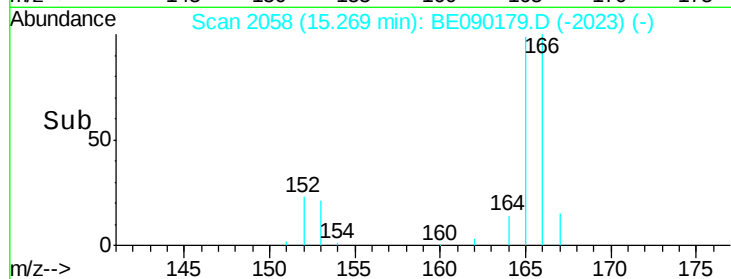
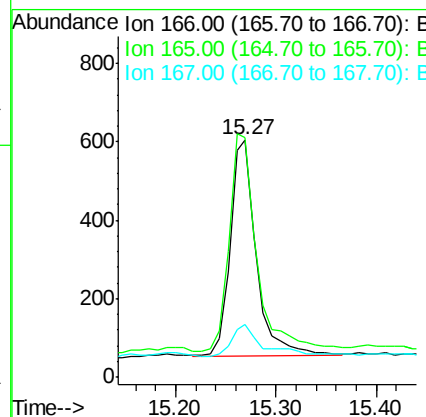
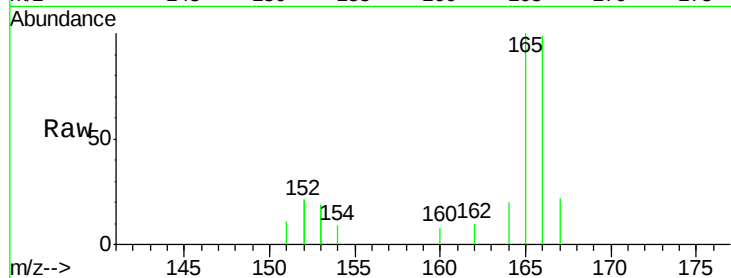
Tgt Ion:	153	Resp:	3458
Ion	Ratio	Lower	Upper
153	100		
152	59.3	43.8	65.8
154	20.8	16.8	25.2





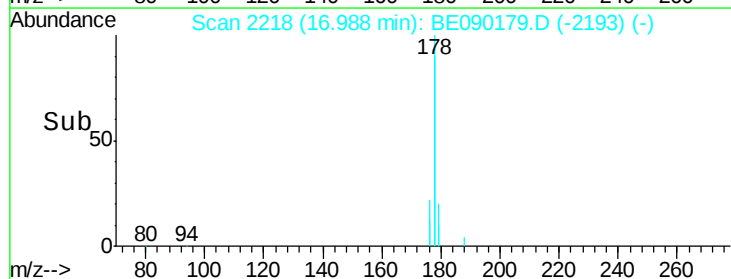
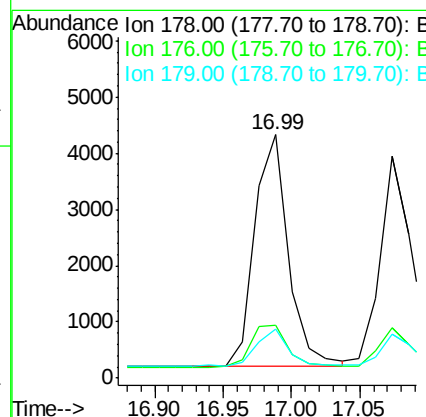
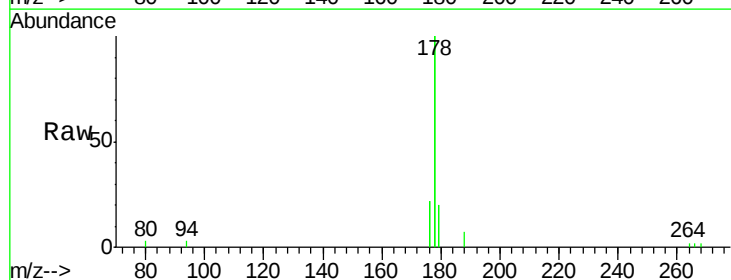
#9
Fluorene
 Concen: 0.10 ng/ul
 RT: 15.27 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BE090179.D
 Acq: 20 Jul 2015 17:33

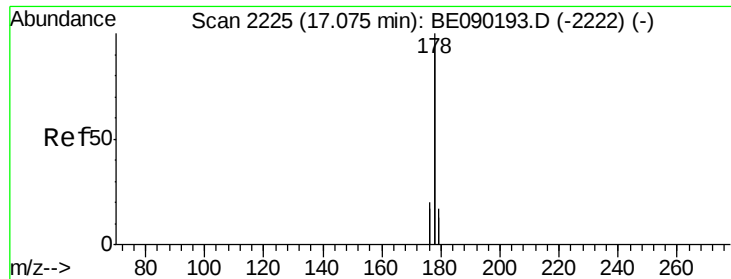
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	81.2	121.8
167	22.3	12.6	19.0



#12
Phenanthrene
 Concen: 0.10 ng/ul
 RT: 16.99 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BE090179.D
 Acq: 20 Jul 2015 17:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.3	22.9
179	20.0	14.0	21.0





#13

Anthracene

Concen: 0.09 ng/ul

RT: 17.07 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BE090179.D

Acq: 20 Jul 2015 17:33

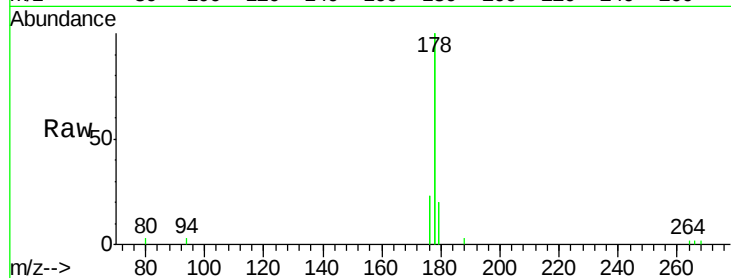
Tgt Ion:178 Resp: 6545

Ion Ratio Lower Upper

178 100

176 22.7 16.0 24.0

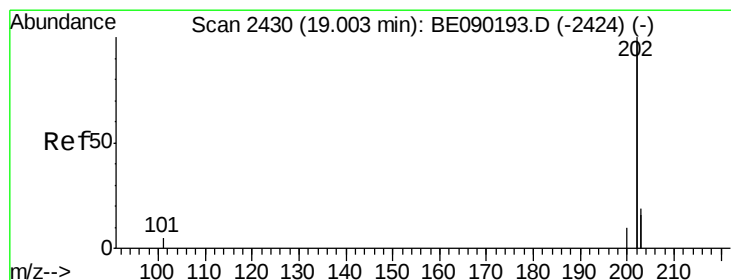
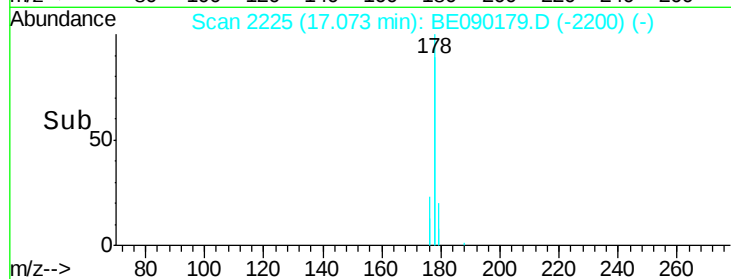
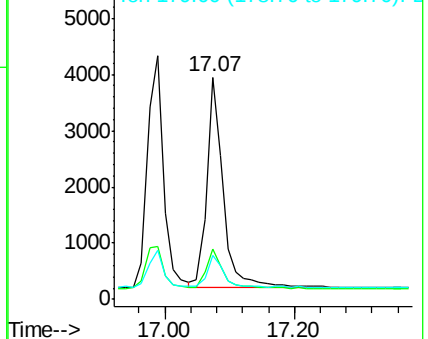
179 19.5 13.4 20.0



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: 0.10 ng/ul

RT: 19.00 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BE090179.D

Acq: 20 Jul 2015 17:33

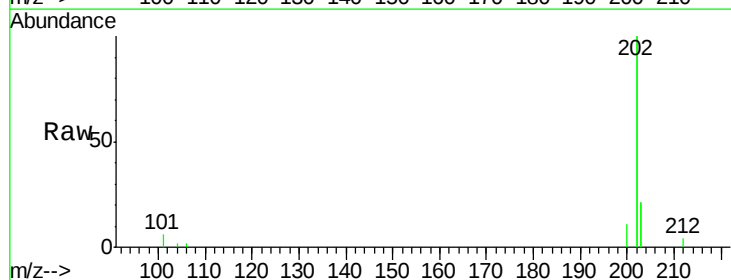
Tgt Ion:202 Resp: 7910

Ion Ratio Lower Upper

202 100

101 3.0 0.0 23.0

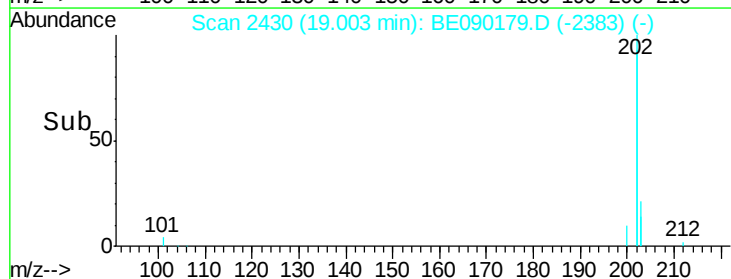
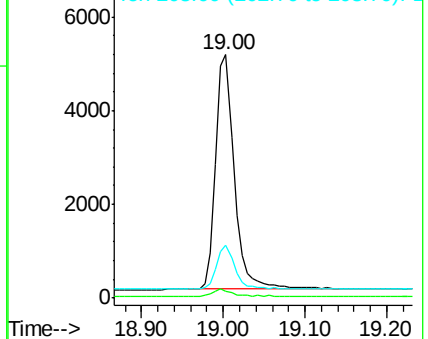
203 21.5 0.0 37.0

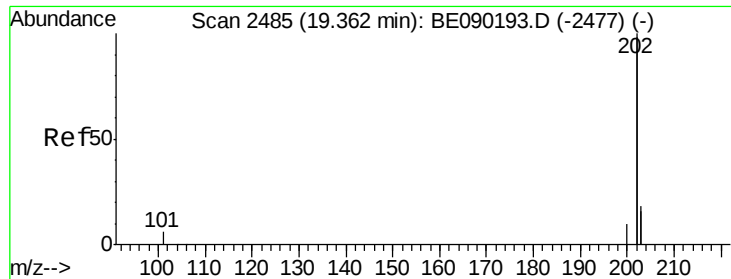


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

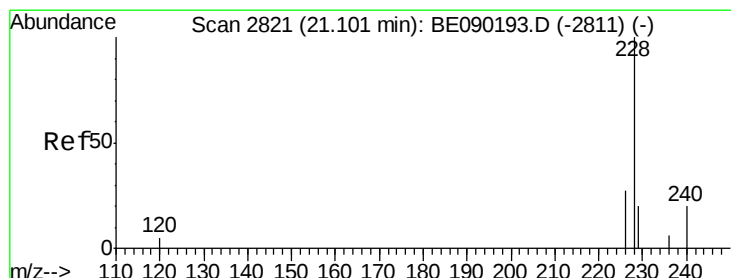
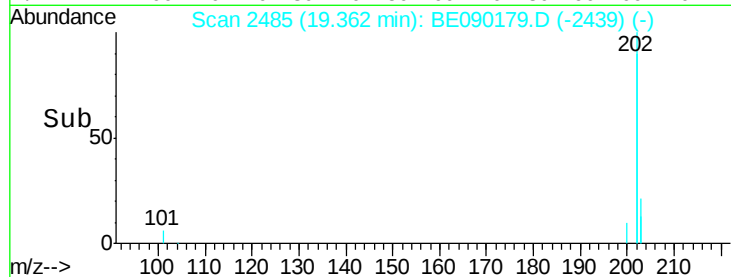
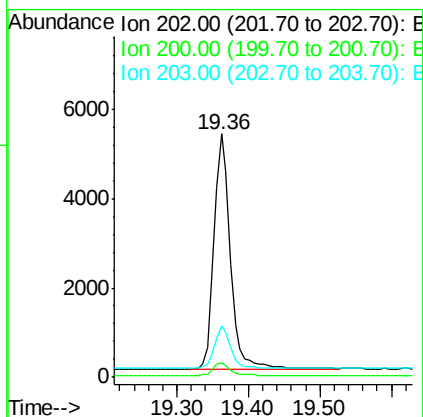
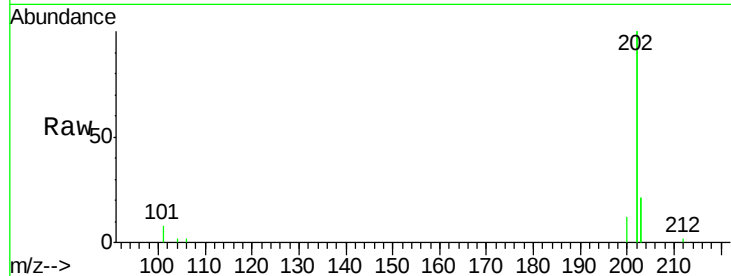
Ion 203.00 (202.70 to 203.70): E





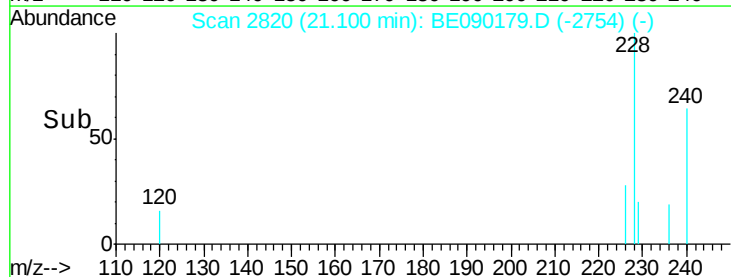
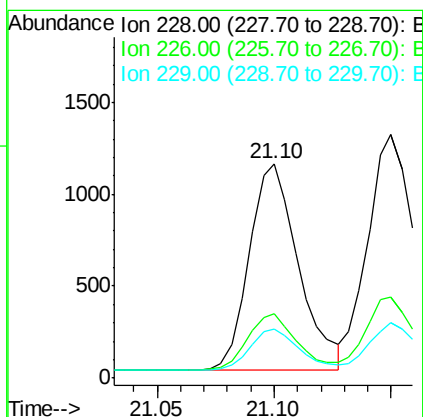
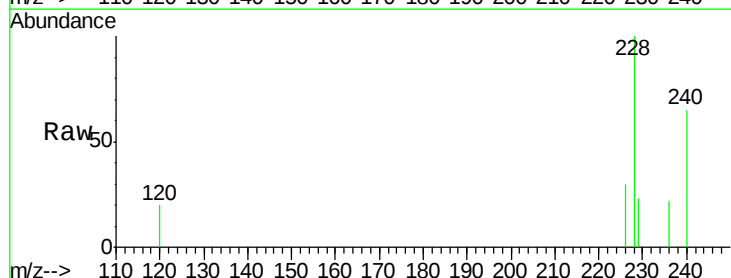
#17
 Pyrene
 Concen: 0.10 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BE090179.D
 Acq: 20 Jul 2015 17:33

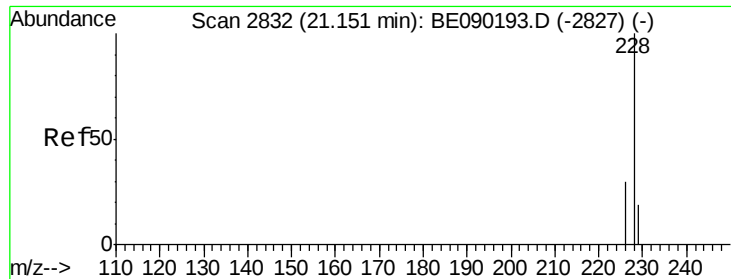
Tgt Ion: 202 Resp: 8370
 Ion Ratio Lower Upper
 202 100
 200 5.9 4.3 6.5
 203 21.1 14.6 21.8



#18
 Benzo(a)anthracene
 Concen: 0.10 ng/ul
 RT: 21.10 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BE090179.D
 Acq: 20 Jul 2015 17:33

Tgt Ion: 228 Resp: 1633
 Ion Ratio Lower Upper
 228 100
 226 30.3 22.2 33.4
 229 22.7 16.9 25.3





#19

Chrysene

Concen: 0.09 ng/ul

RT: 21.15 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE090179.D

Acq: 20 Jul 2015 17:33

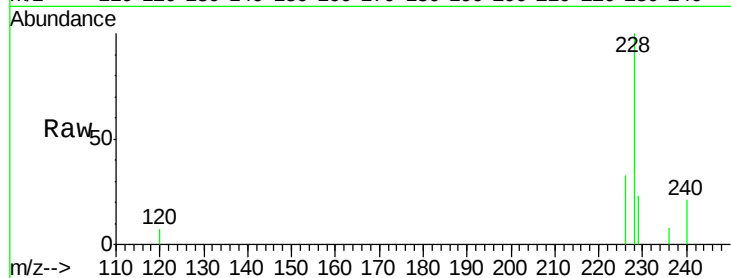
Tgt Ion:228 Resp: 1987

Ion Ratio Lower Upper

228 100

226 33.1 24.3 36.5

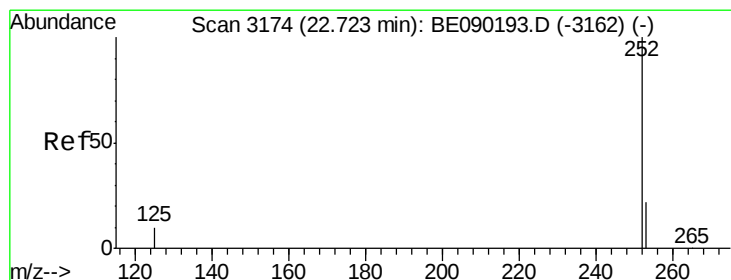
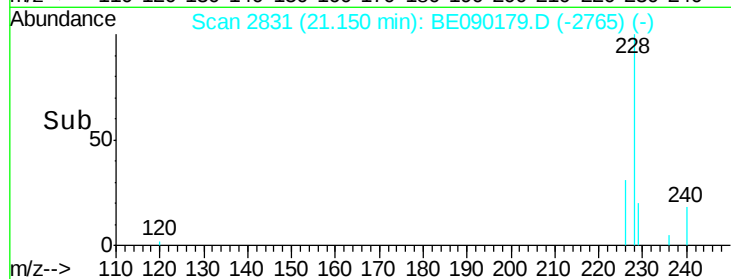
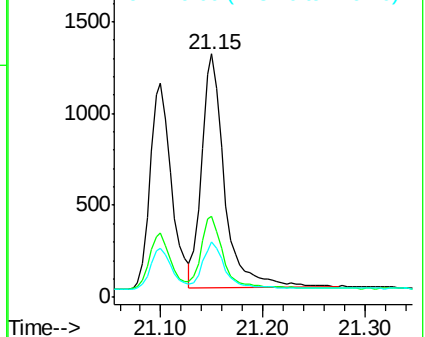
229 22.7 16.6 24.8



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: 0.09 ng/ul

RT: 22.72 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE090179.D

Acq: 20 Jul 2015 17:33

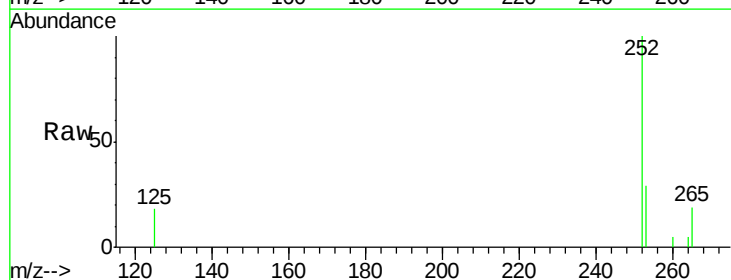
Tgt Ion:252 Resp: 1575

Ion Ratio Lower Upper

252 100

253 28.6 0.0 46.8

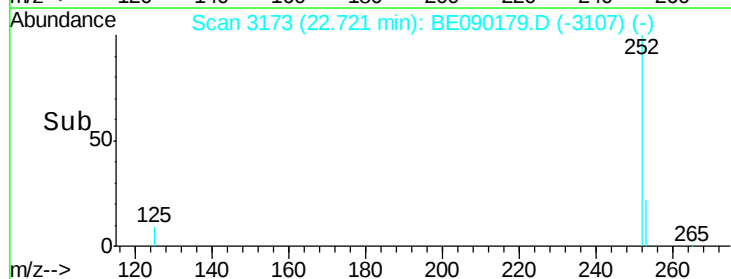
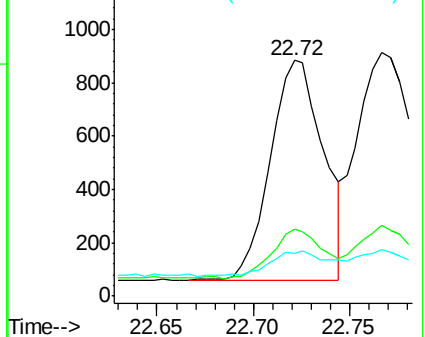
125 18.0 0.0 25.4

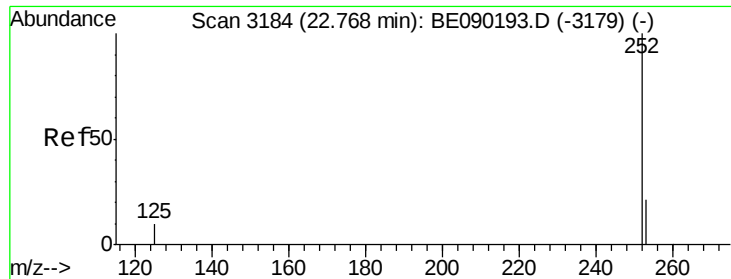


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

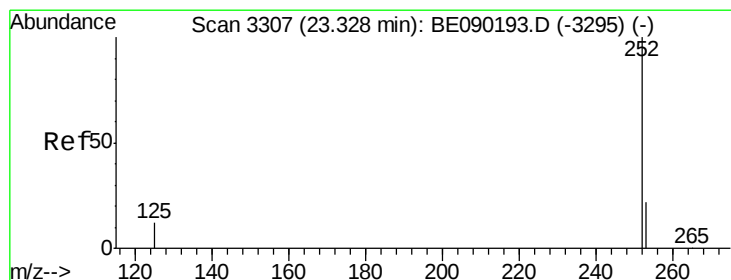
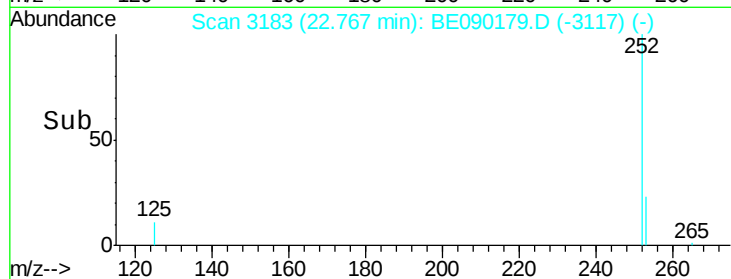
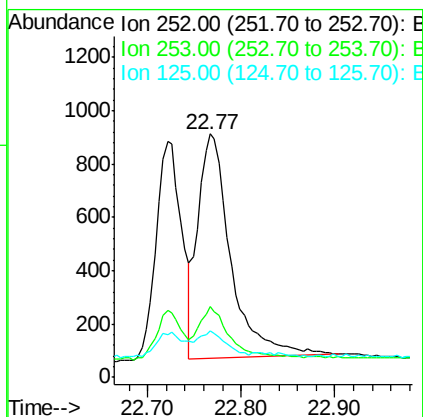
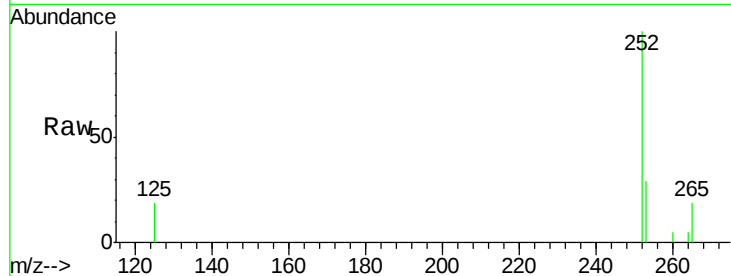
Ion 125.00 (124.70 to 125.70): E





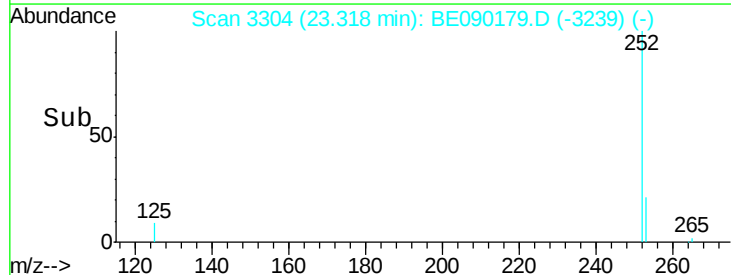
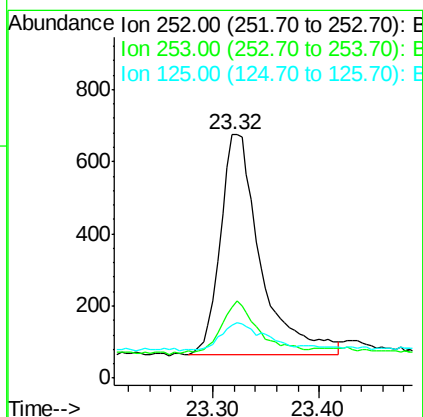
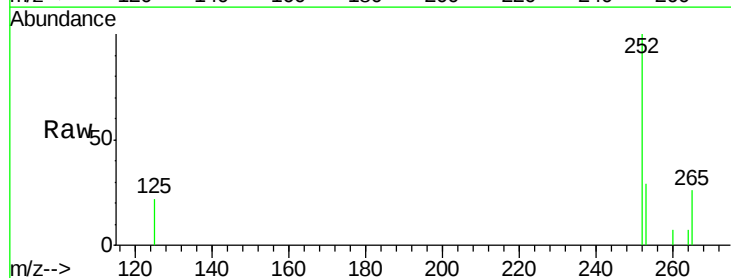
#22
Benzo(k)fluoranthene
Concen: 0.08 ng/u1
RT: 22.77 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BE090179.D
Acq: 20 Jul 2015 17:33

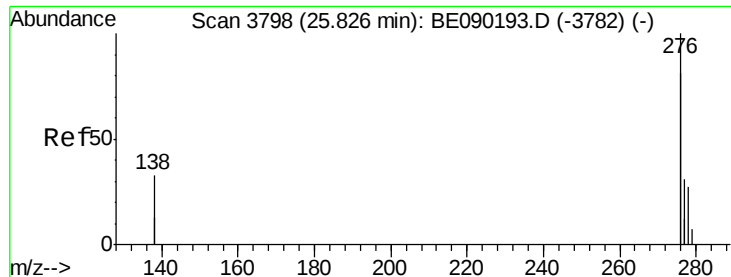
Tgt Ion: 252 Resp: 2053
Ion Ratio Lower Upper
252 100
253 29.2 18.3 27.5#
125 19.2 9.8 14.8#



#23
Benzo(a)pyrene
Concen: 0.09 ng/u1
RT: 23.32 min Scan# 3304
Delta R.T. -0.01 min
Lab File: BE090179.D
Acq: 20 Jul 2015 17:33

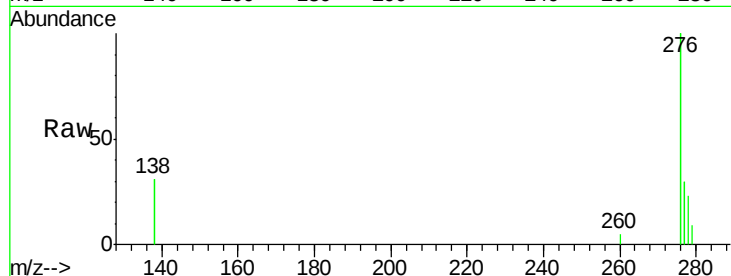
Tgt Ion: 252 Resp: 1602
Ion Ratio Lower Upper
252 100
253 29.3 18.4 27.6#
125 21.6 11.5 17.3#



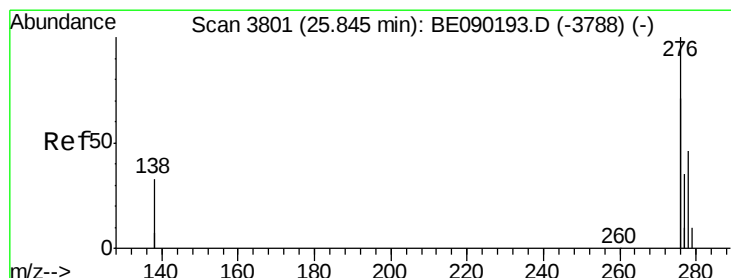
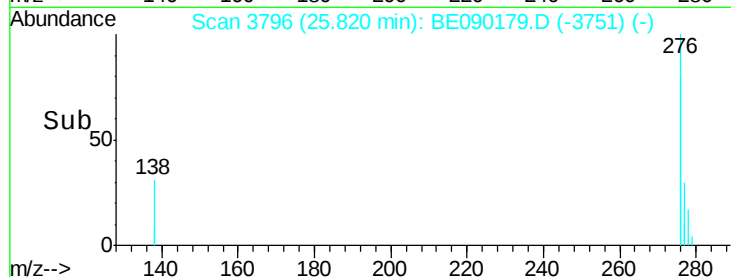
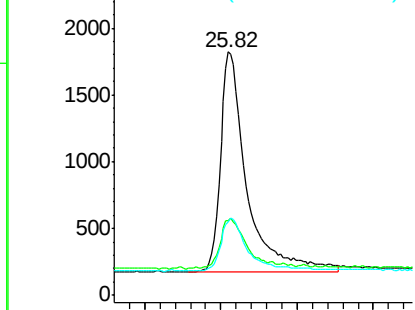


#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.10 ng/ul
 RT: 25.82 min Scan# 3796
 Delta R.T. -0.01 min
 Lab File: BE090179.D
 Acq: 20 Jul 2015 17:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	19.8	29.8
277	23.3	19.8	29.6

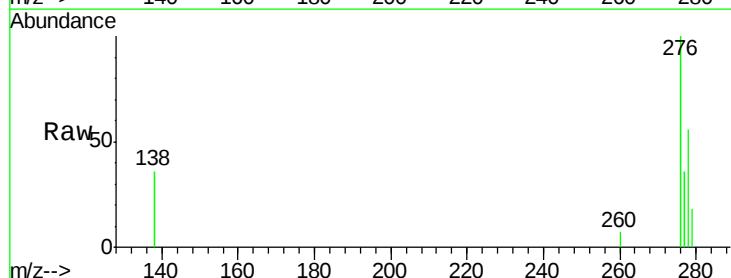


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

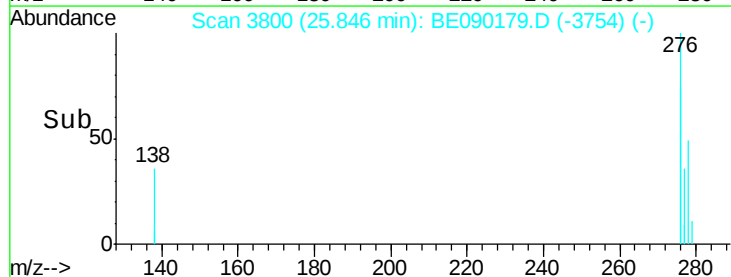
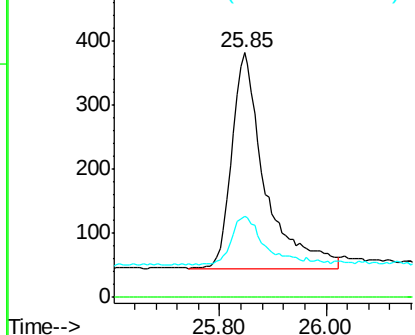


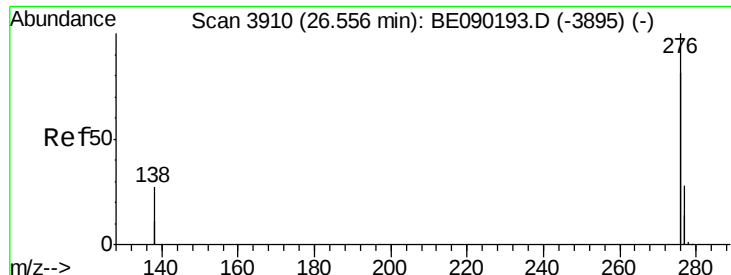
#25
 Dibenzo(a,h)anthracene
 Concen: 0.10 ng/ul
 RT: 25.85 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: BE090179.D
 Acq: 20 Jul 2015 17:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	32.8	20.0	30.0



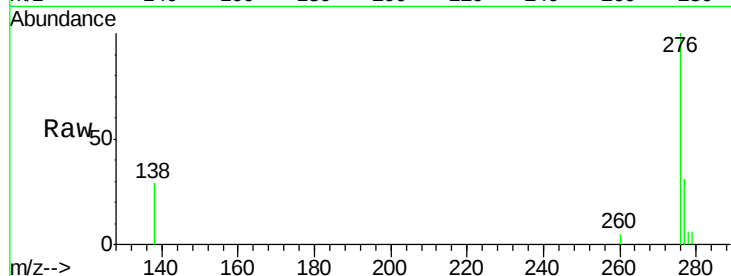
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(g,h,i)perylene
 Concen: 0.09 ng/ul
 RT: 26.56 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: BE090179.D
 Acq: 20 Jul 2015 17:33

Tgt Ion: 276 Resp: 6899
 Ion Ratio Lower Upper
 276 100
 277 31.4 20.6 31.0#
 138 29.5 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

