

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090200.D
 Acq On : 21 Jul 2015 7:40
 Operator : TP/IZ
 Sample : MDL-07-W
 Misc : MDL-WATER-SIM2.2-0.15PPM
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 21 09:08:39 2015
 Quant Title :
 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	7.60	152	756	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3579	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2097	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	5432	0.40	ng/ul	0.01
16) Chrysene-d12	21.12	240	3781	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2096	0.40	ng/ul	0.00

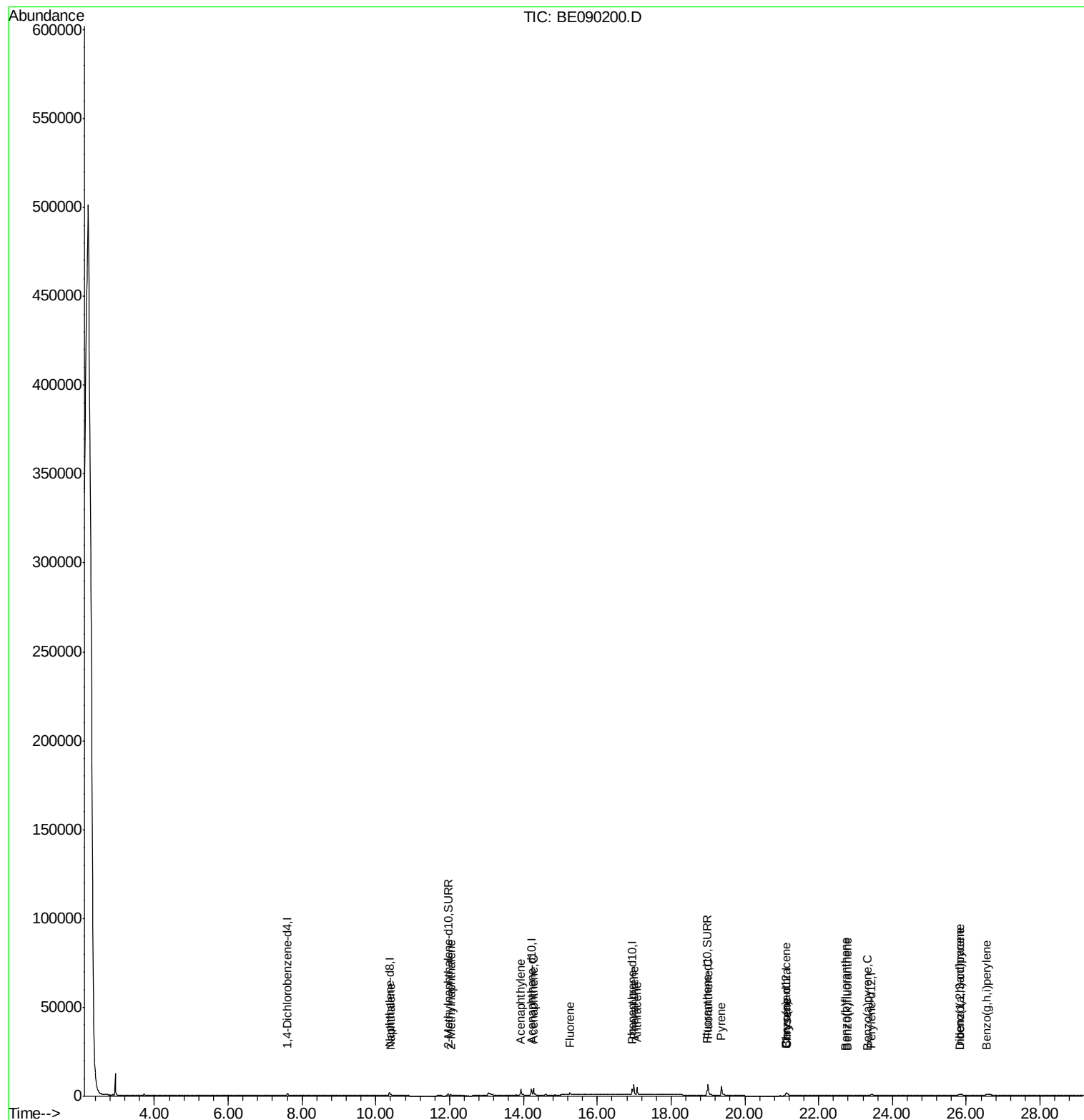
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.96	152	2196	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	6028	0.37	ng/ul	0.00

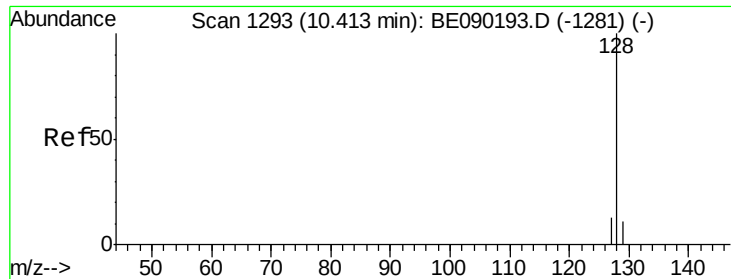
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	1086	0.12	ng/ul#	85
5) 2-Methylnaphthalene	12.03	142	729	0.11	ng/ul	96
7) Acenaphthylene	13.93	152	5122	0.12	ng/ul#	93
8) Acenaphthene	14.27	153	3631	0.11	ng/ul	97
9) Fluorene	15.26	166	1062	0.11	ng/ul#	93
12) Phenanthrene	16.99	178	7158	0.11	ng/ul	93
13) Anthracene	17.07	178	7049	0.12	ng/ul	92
15) Fluoranthene	19.00	202	8570	0.12	ng/ul	91
17) Pyrene	19.36	202	8486	0.18	ng/ul	95
18) Benzo(a)anthracene	21.10	228	556	0.06	ng/ul#	84
19) Chrysene	21.16	228	1896m	0.16	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	357	0.06	ng/ul#	48
22) Benzo(k)fluoranthene	22.77	252	866m	0.11	ng/ul	
23) Benzo(a)pyrene	23.32	252	425	0.07	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	25.81	276	1162	0.04	ng/ul	98
25) Dibenzo(a,h)anthracene	25.85	278	182	0.03	ng/ul#	22
26) Benzo(g,h,i)perylene	26.56	276	1695	0.07	ng/ul#	47

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

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#3

Naphthalene

Concen: 0.12 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BE090200.D

Acq: 21 Jul 2015 7:40

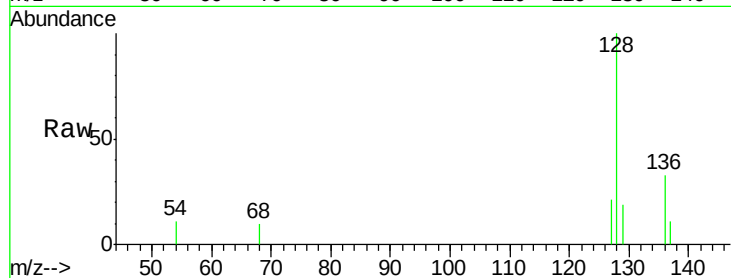
Tgt Ion:128 Resp: 1086

Ion Ratio Lower Upper

128 100

129 19.1 10.2 15.4#

127 21.0 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

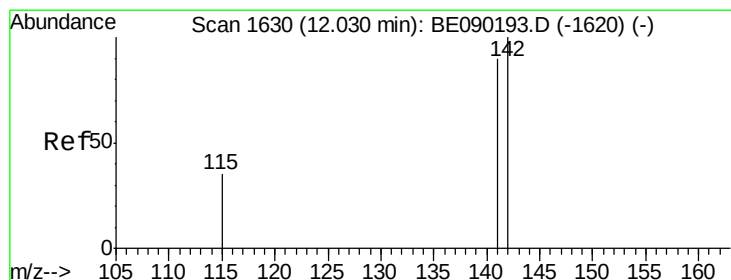
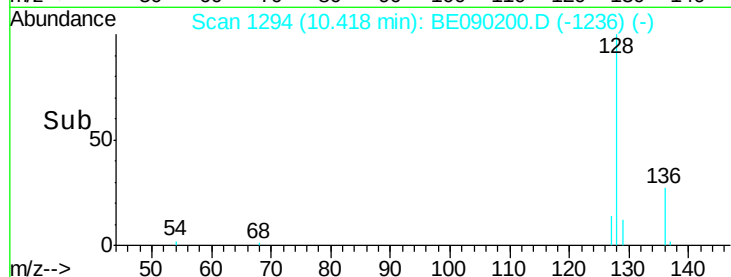
10.42

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.11 ng/ul

RT: 12.03 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE090200.D

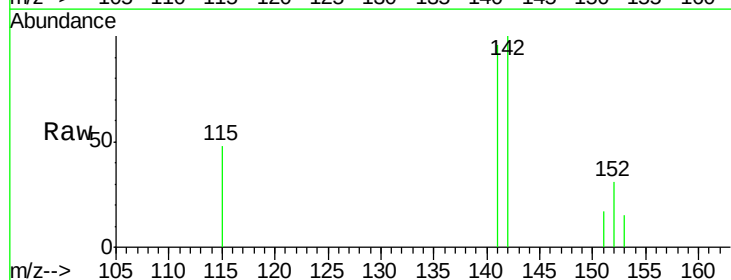
Acq: 21 Jul 2015 7:40

Tgt Ion:142 Resp: 729

Ion Ratio Lower Upper

142 100

141 95.6 73.4 110.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.03

400

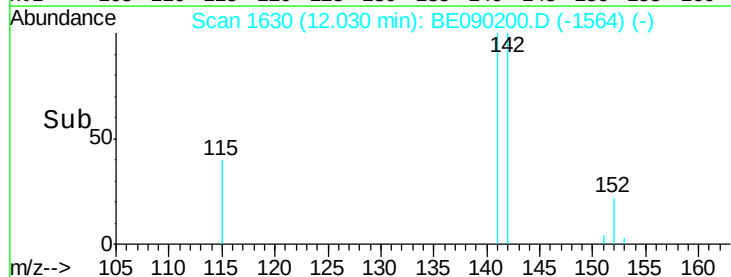
300

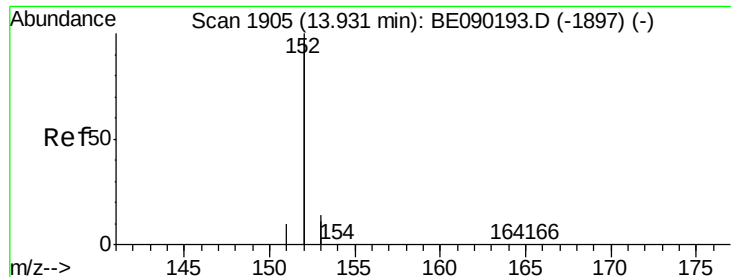
200

100

0

Time-->





#7

Acenaphthylene

Concen: 0.12 ng/ul

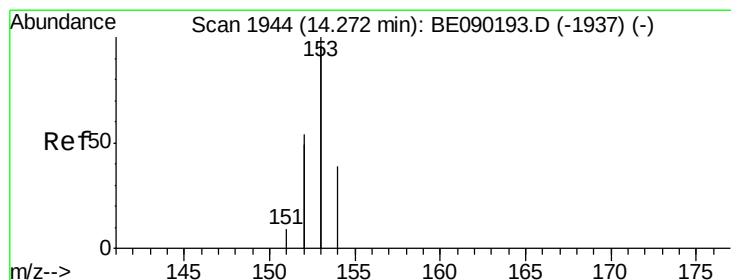
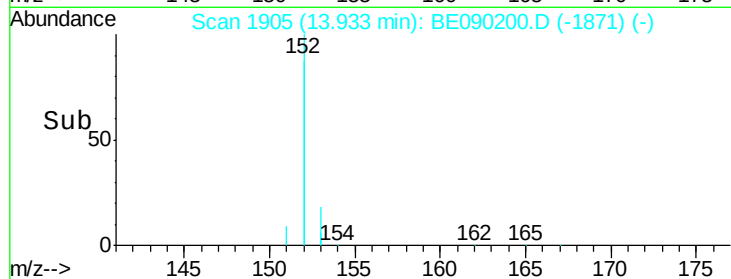
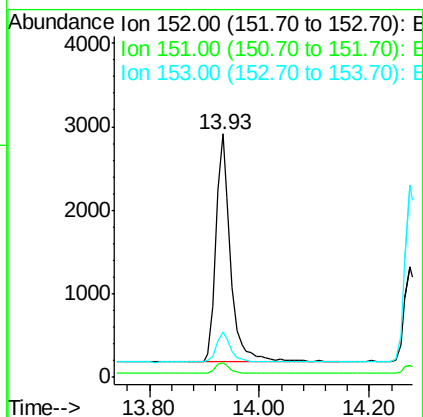
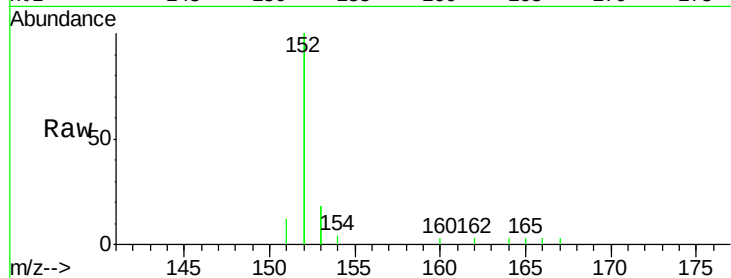
RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090200.D

Acq: 21 Jul 2015 7:40

Tgt Ion:	152	Resp:	5122
Ion	Ratio	Lower	Upper
152	100		
151	6.0	4.2	6.4
153	18.5	11.9	17.9#



#8

Acenaphthene

Concen: 0.11 ng/ul

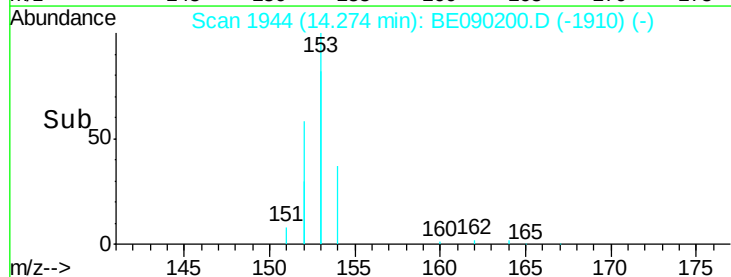
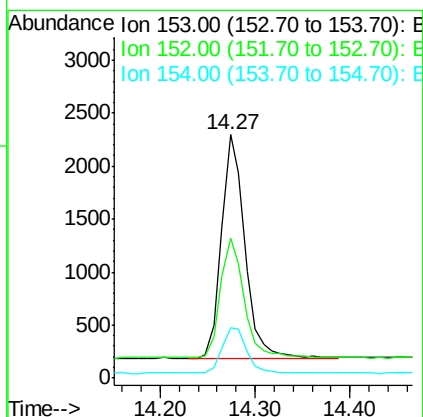
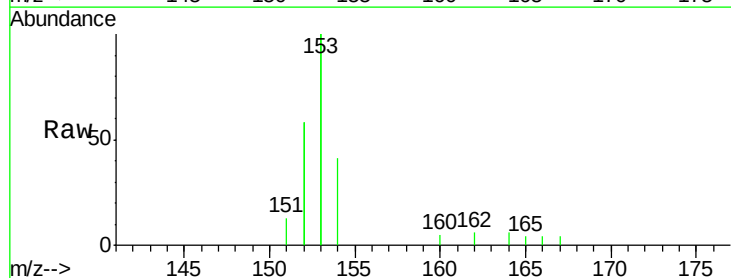
RT: 14.27 min Scan# 1944

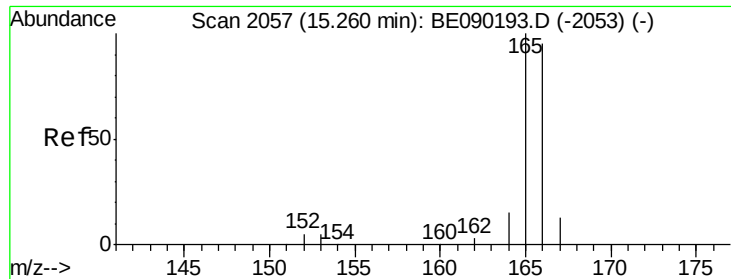
Delta R.T. 0.00 min

Lab File: BE090200.D

Acq: 21 Jul 2015 7:40

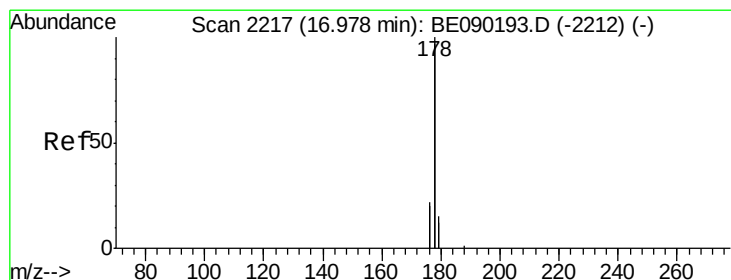
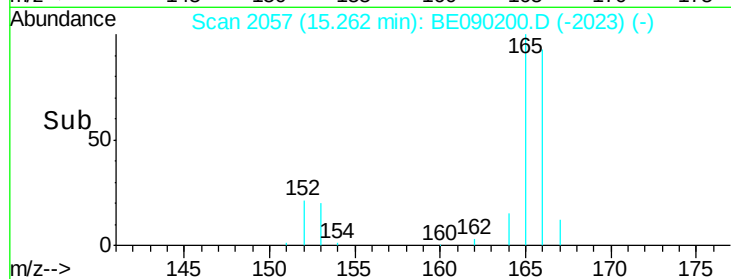
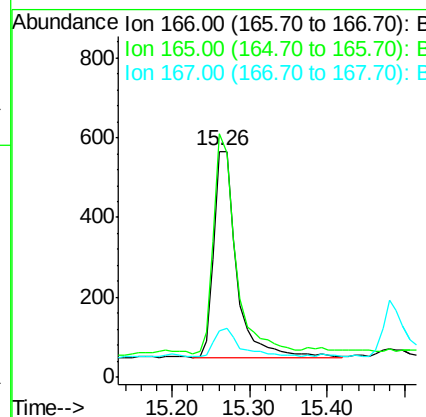
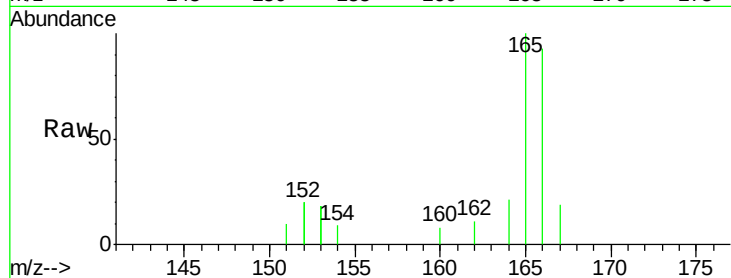
Tgt Ion:	153	Resp:	3631
Ion	Ratio	Lower	Upper
153	100		
152	57.6	43.8	65.8
154	20.4	16.8	25.2





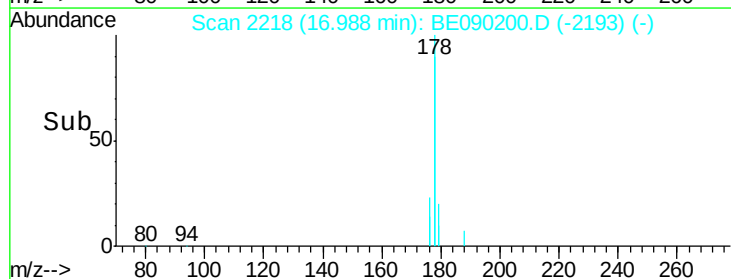
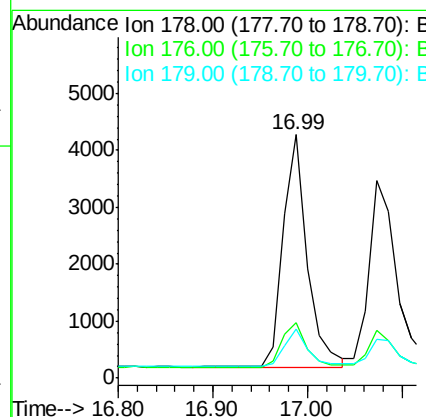
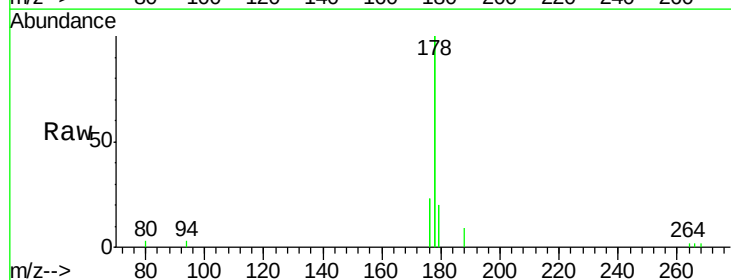
#9
Fluorene
 Concen: 0.11 ng/ul
 RT: 15.26 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BE090200.D
 Acq: 21 Jul 2015 7:40

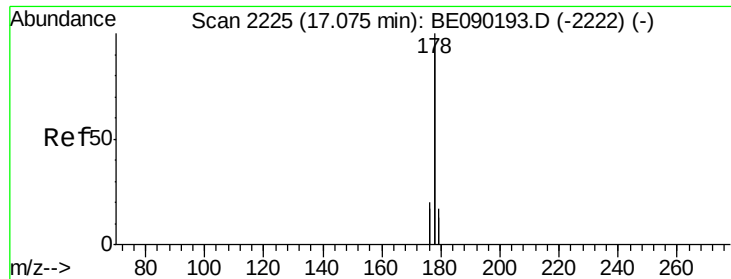
Tgt Ion:166 Resp: 1062
 Ion Ratio Lower Upper
 166 100
 165 107.6 81.2 121.8
 167 20.5 12.6 19.0#



#12
Phenanthrene
 Concen: 0.11 ng/ul
 RT: 16.99 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BE090200.D
 Acq: 21 Jul 2015 7:40

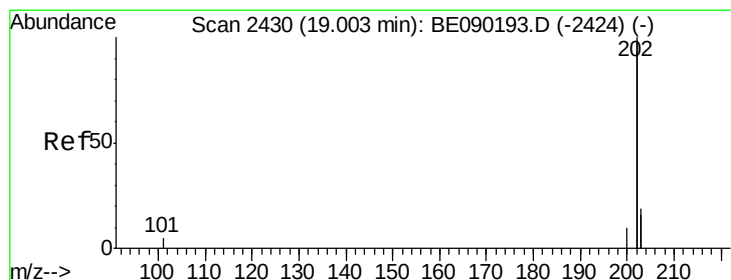
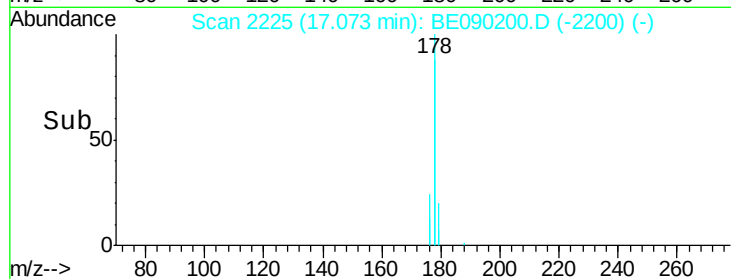
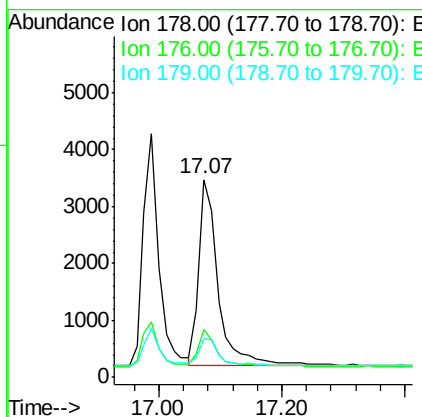
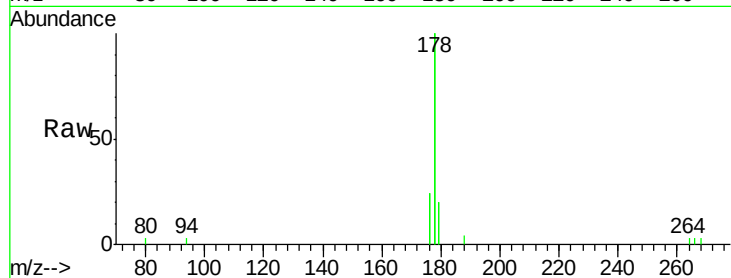
Tgt Ion:178 Resp: 7158
 Ion Ratio Lower Upper
 178 100
 176 22.7 15.3 22.9
 179 20.1 14.0 21.0





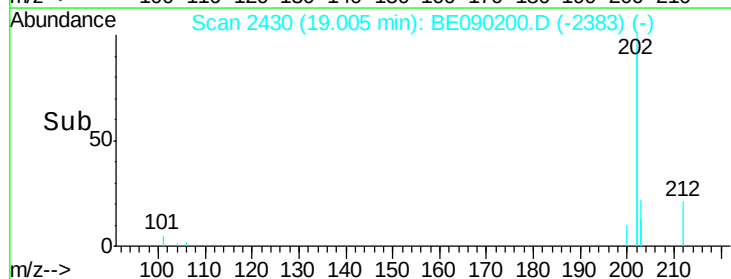
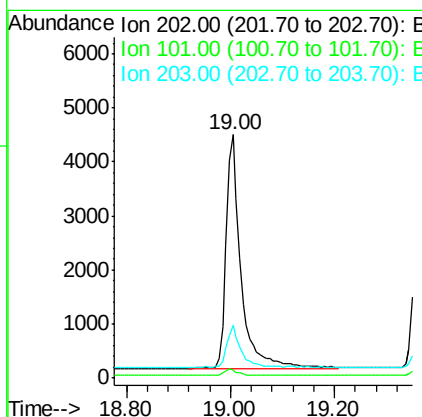
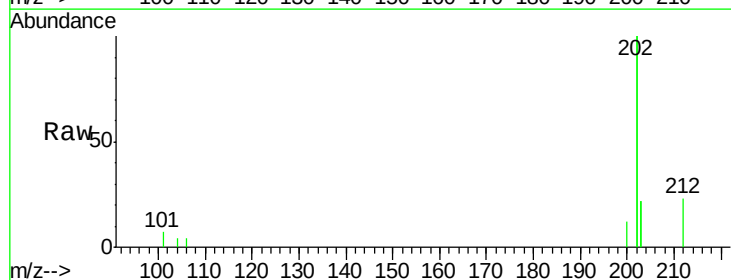
#13
 Anthracene
 Concen: 0.12 ng/ul
 RT: 17.07 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE090200.D
 Acq: 21 Jul 2015 7:40

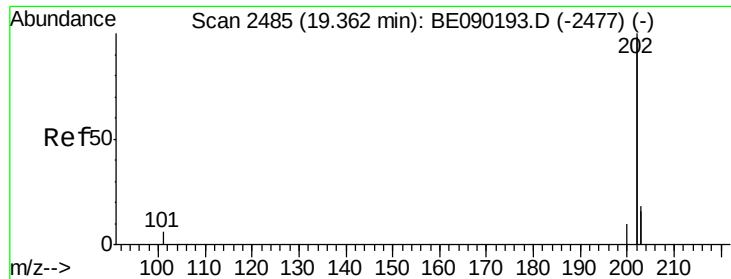
Tgt Ion:178 Resp: 7049
 Ion Ratio Lower Upper
 178 100
 176 23.9 16.0 24.0
 179 19.5 13.4 20.0



#15
 Fluoranthene
 Concen: 0.12 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BE090200.D
 Acq: 21 Jul 2015 7:40

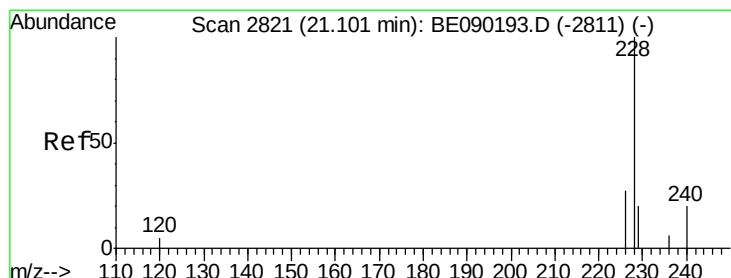
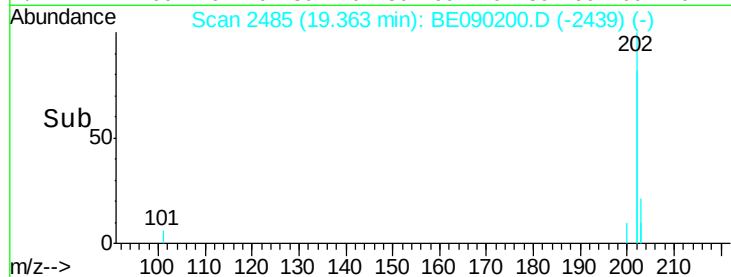
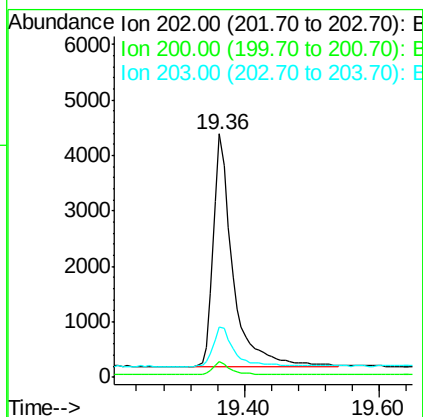
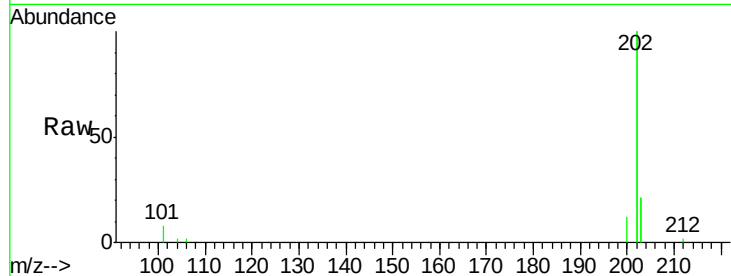
Tgt Ion:202 Resp: 8570
 Ion Ratio Lower Upper
 202 100
 101 3.4 0.0 23.0
 203 21.6 0.0 37.0





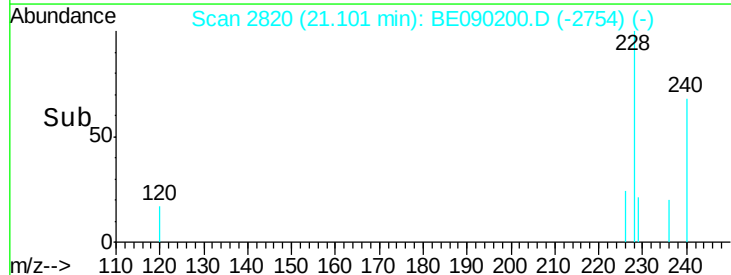
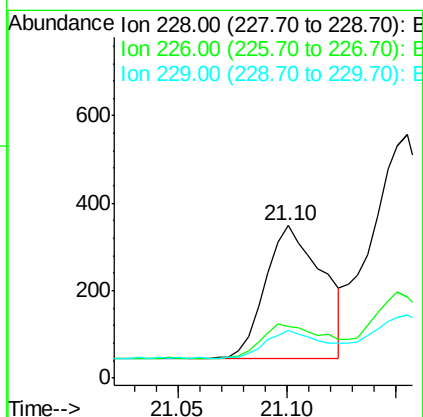
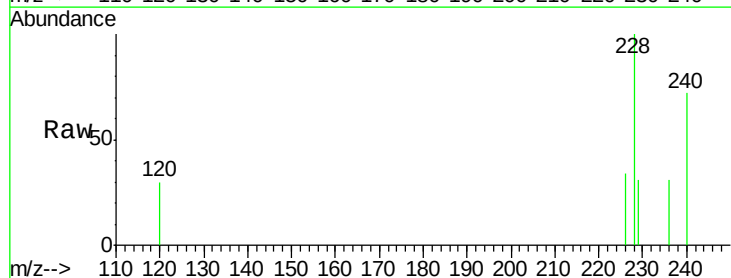
#17
 Pyrene
 Concen: 0.18 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BE090200.D
 Acq: 21 Jul 2015 7:40

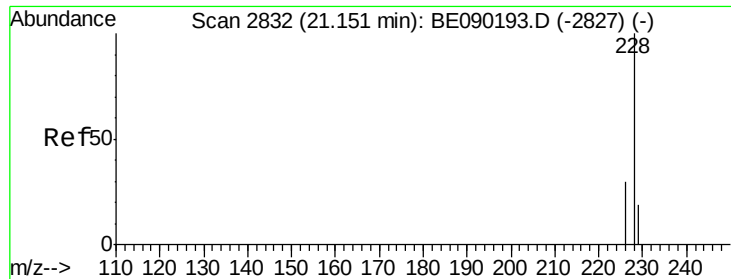
Tgt Ion: 202 Resp: 8486
 Ion Ratio Lower Upper
 202 100
 200 6.2 4.3 6.5
 203 20.7 14.6 21.8



#18
 Benzo(a)anthracene
 Concen: 0.06 ng/ul
 RT: 21.10 min Scan# 2820
 Delta R.T. 0.00 min
 Lab File: BE090200.D
 Acq: 21 Jul 2015 7:40

Tgt Ion: 228 Resp: 556
 Ion Ratio Lower Upper
 228 100
 226 34.2 22.2 33.4#
 229 31.0 16.9 25.3#





#19

Chrysene

Concen: 0.16 ng/ul m

RT: 21.16 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BE090200.D

Acq: 21 Jul 2015 7:40

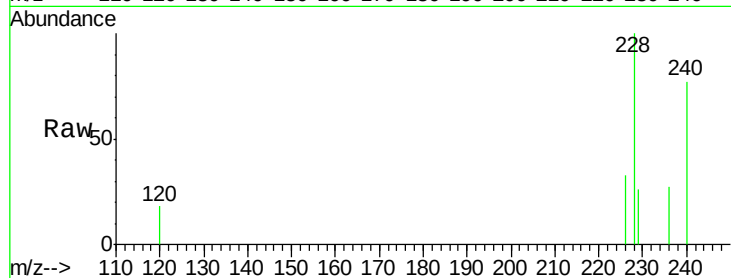
Tgt Ion:228 Resp: 1896

Ion Ratio Lower Upper

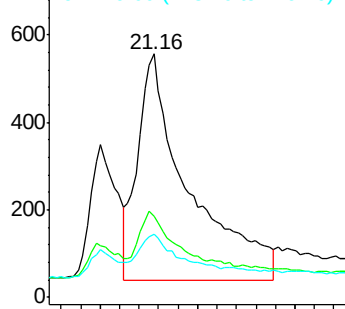
228 100

226 33.2 24.3 36.5

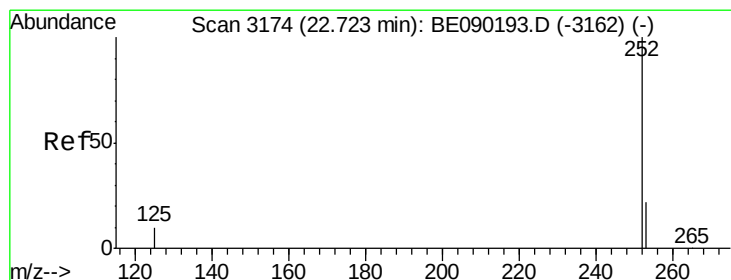
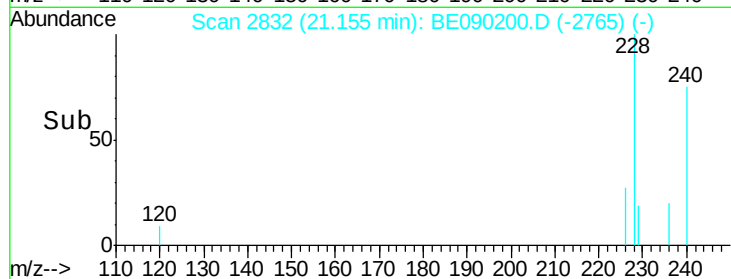
229 25.7 16.6 24.8#



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



Time-->



#21

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 22.72 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BE090200.D

Acq: 21 Jul 2015 7:40

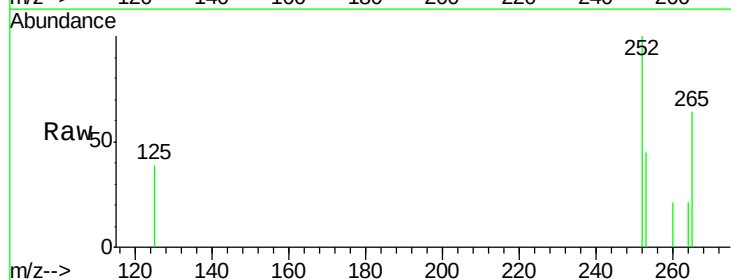
Tgt Ion:252 Resp: 357

Ion Ratio Lower Upper

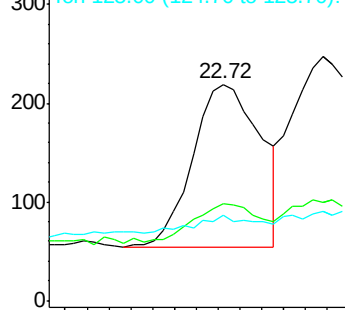
252 100

253 44.7 0.0 46.8

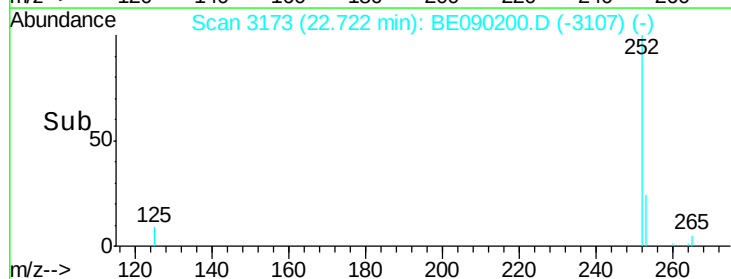
125 39.3 0.0 25.4#

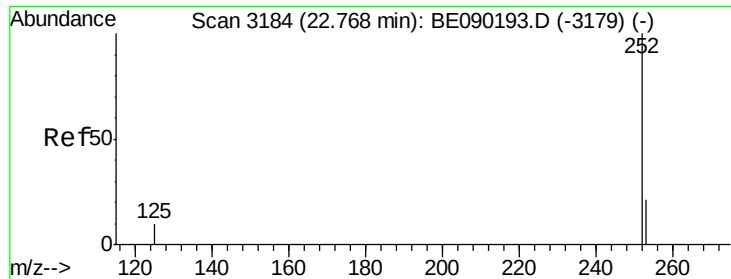


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#22

Benzo(k)fluoranthene

Concen: 0.11 ng/ul m

RT: 22.77 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BE090200.D

Acq: 21 Jul 2015 7:40

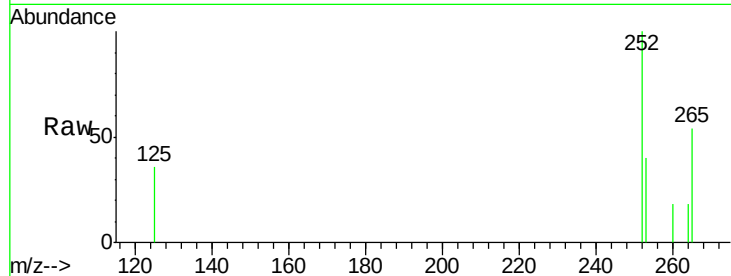
Tgt Ion: 252 Resp: 866

Ion Ratio Lower Upper

252 100

253 40.1 18.3 27.5#

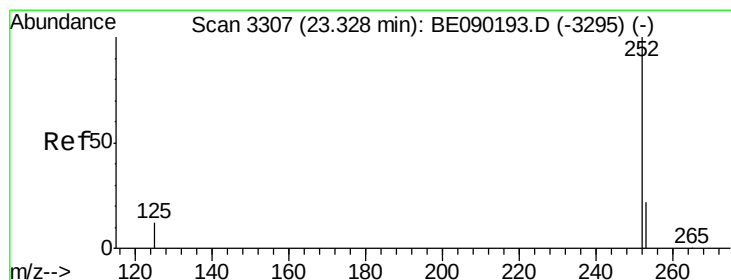
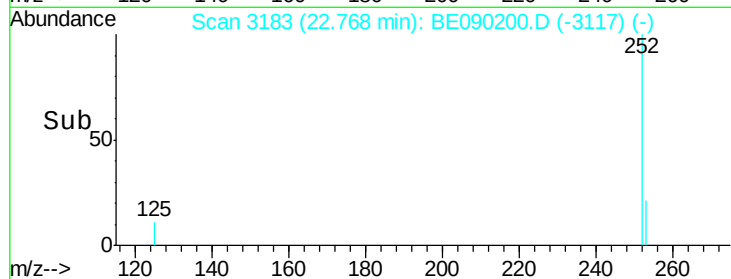
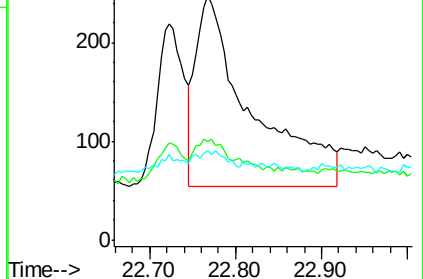
125 36.4 9.8 14.8#



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# 3304

Delta R.T. -0.00 min

Lab File: BE090200.D

Acq: 21 Jul 2015 7:40

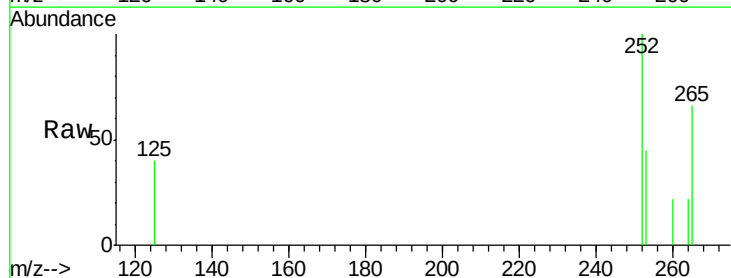
Tgt Ion: 252 Resp: 425

Ion Ratio Lower Upper

252 100

253 45.3 18.4 27.6#

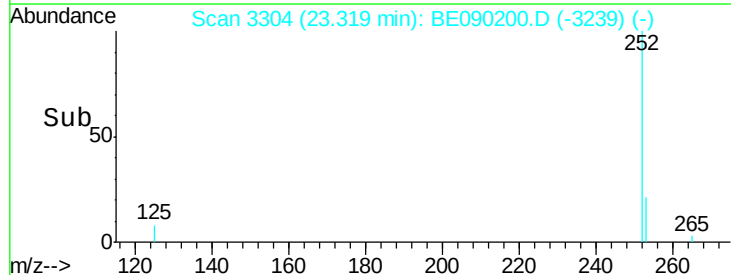
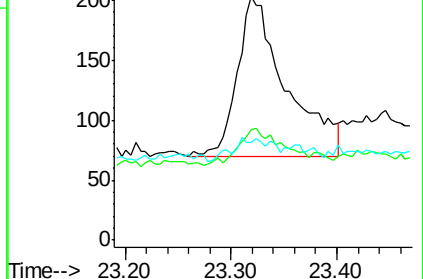
125 39.9 11.5 17.3#

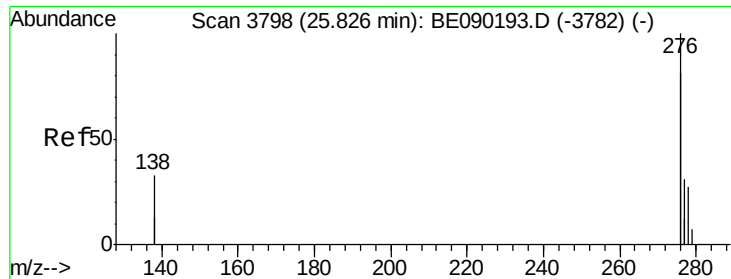


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

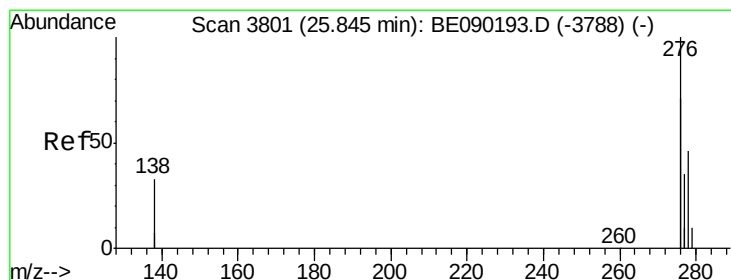
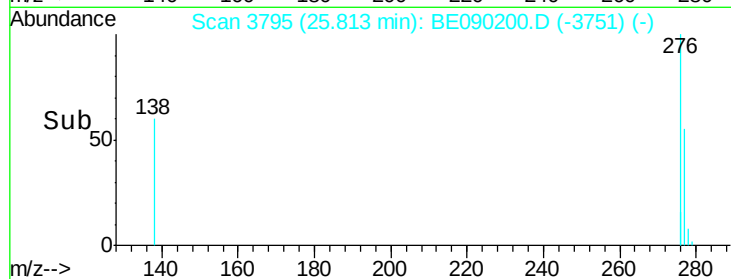
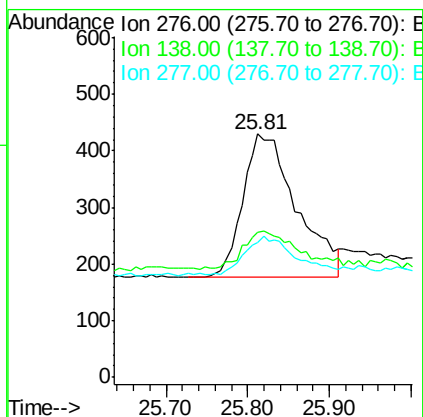
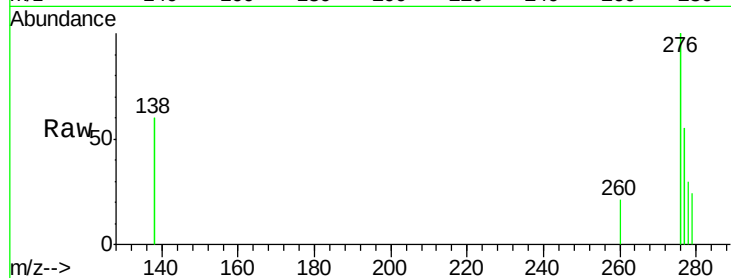
Ion 125.00 (124.70 to 125.70): E





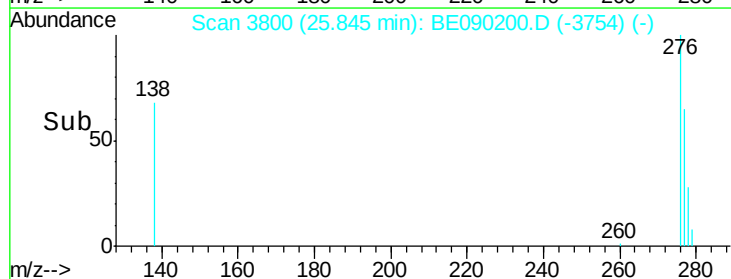
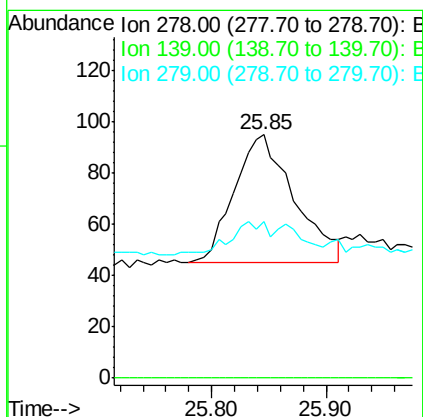
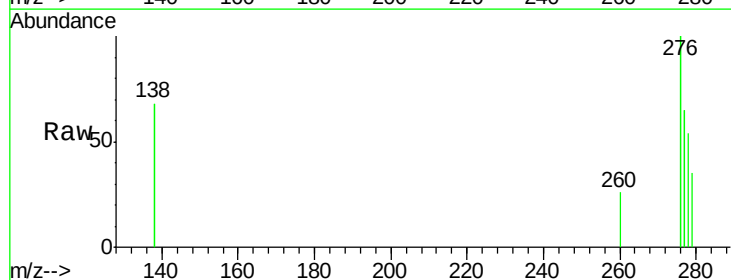
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng/ul
 RT: 25.81 min Scan# 3795
 Delta R.T. -0.01 min
 Lab File: BE090200.D
 Acq: 21 Jul 2015 7:40

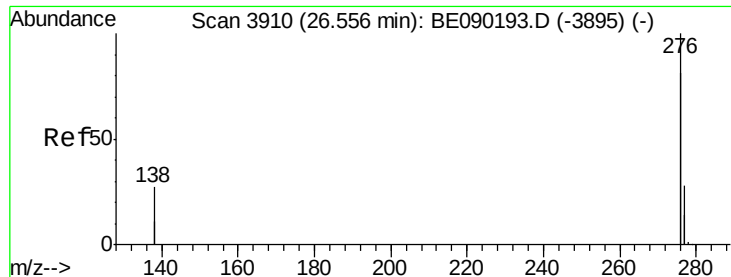
Tgt Ion: 276 Resp: 1162
 Ion Ratio Lower Upper
 276 100
 138 26.8 19.8 29.8
 277 24.3 19.8 29.6



#25
 Dibenzo(a,h)anthracene
 Concen: 0.03 ng/ul
 RT: 25.85 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: BE090200.D
 Acq: 21 Jul 2015 7:40

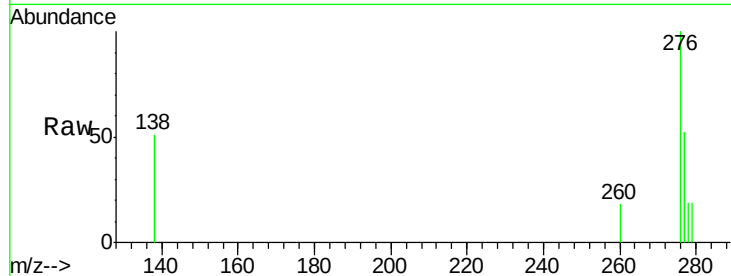
Tgt Ion: 278 Resp: 182
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 64.2 20.0 30.0#





#26
 Benzo(g,h,i)perylene
 Concen: 0.07 ng/ul
 RT: 26.56 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: BE090200.D
 Acq: 21 Jul 2015 7:40

Tgt Ion: 276 Resp: 1695
 Ion Ratio Lower Upper
 276 100
 277 52.0 20.6 31.0#
 138 50.8 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

