

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090194.D
 Acq On : 21 Jul 2015 4:00
 Operator : TP/IZ
 Sample : MDL-01-W
 Misc : MDL-WATER-SIM2.2-0.15PPM
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 21 07:16:24 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	7.60	152	793	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3765	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2164	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5834	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	4831	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	3285	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2204	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	6635	0.38	ng/ul	0.00

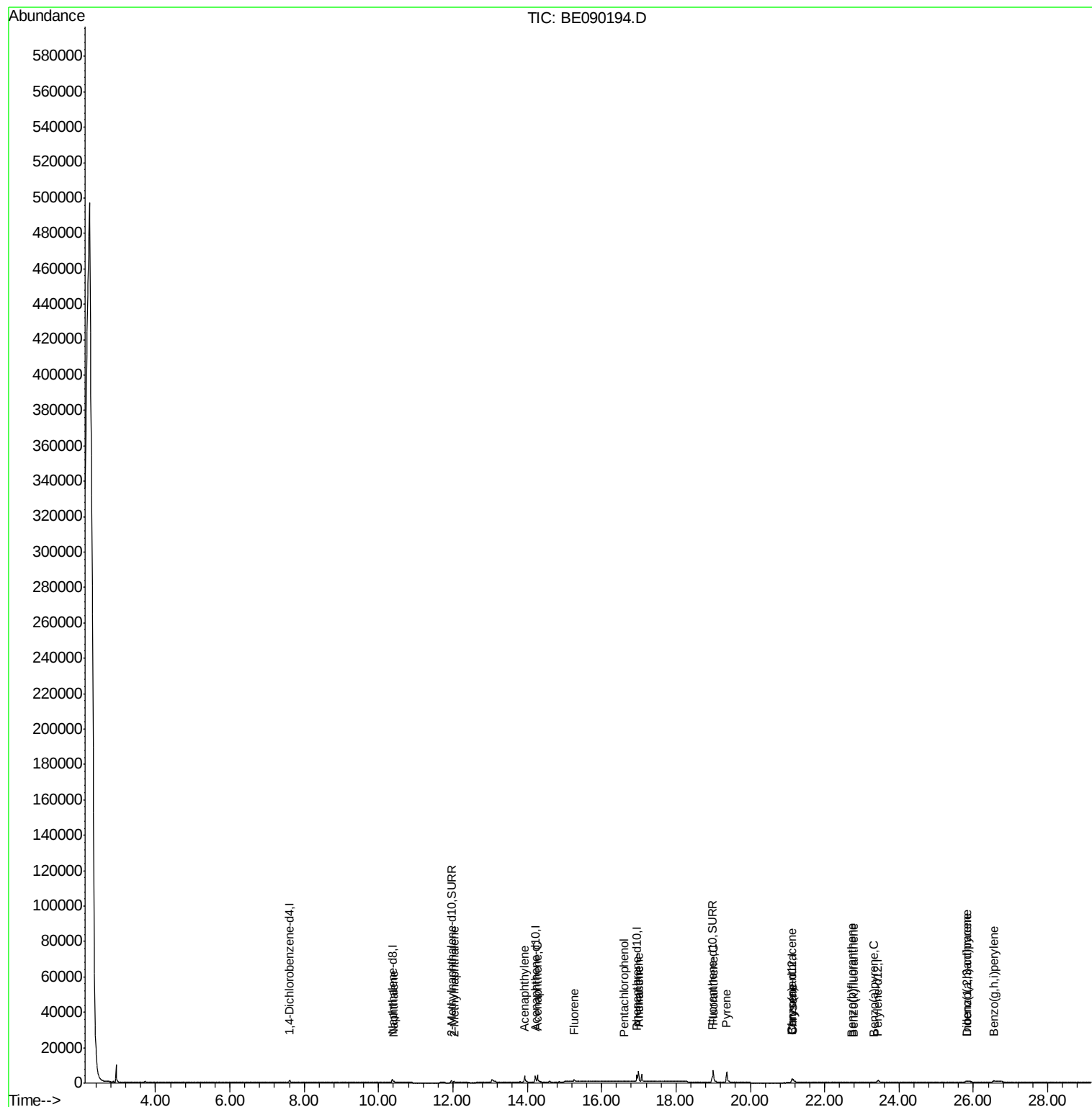
Target Compounds

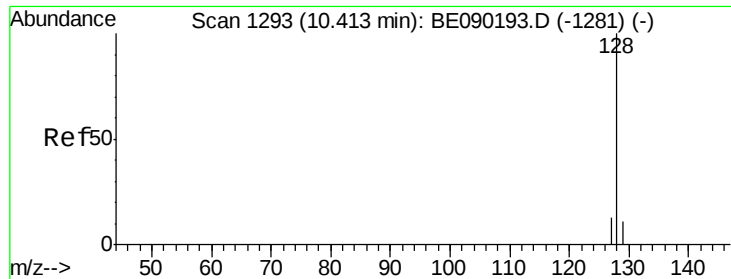
						Qvalue
3) Naphthalene	10.42	128	1095	0.11	ng/ul#	87
5) 2-Methylnaphthalene	12.03	142	710	0.11	ng/ul	99
7) Acenaphthylene	13.93	152	4877	0.11	ng/ul#	93
8) Acenaphthene	14.27	153	3569	0.11	ng/ul	97
9) Fluorene	15.27	166	1049	0.11	ng/ul#	98
11) Pentachlorophenol	16.61	266	15	0.03	ng/ul#	59
12) Phenanthrene	16.99	178	7250	0.11	ng/ul	94
13) Anthracene	16.99	178	7250	0.11	ng/ul	94
15) Fluoranthene	19.00	202	8948	0.11	ng/ul	91
17) Pyrene	19.36	202	9081	0.15	ng/ul	95
18) Benzo(a)anthracene	21.10	228	814	0.07	ng/ul#	88
19) Chrysene	21.16	228	1822	0.12	ng/ul	93
21) Benzo(b)fluoranthene	22.72	252	477	0.05	ng/ul#	57
22) Benzo(k)fluoranthene	22.77	252	1045	0.09	ng/ul#	62
23) Benzo(a)pyrene	23.32	252	597	0.06	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.82	276	1828	0.04	ng/ul	95
25) Dibenzo(a,h)anthracene	25.83	278	284	0.03	ng/ul#	38
26) Benzo(g,h,i)perylene	26.56	276	2465	0.06	ng/ul#	58

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

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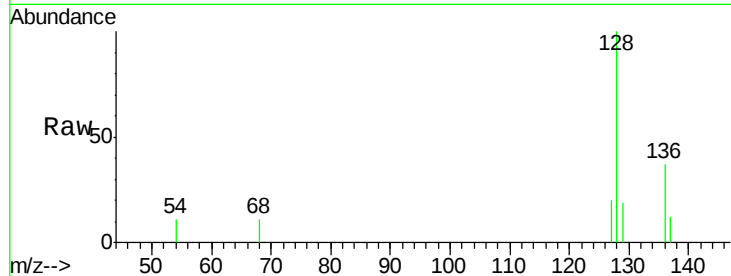
Quant Time: Jul 21 07:16:24 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3
Naphthalene
Concen: 0.11 ng/ul
RT: 10.42 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

Tgt Ion:128 Resp: 1095
Ion Ratio Lower Upper
128 100
129 18.6 10.2 15.4#
127 19.8 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

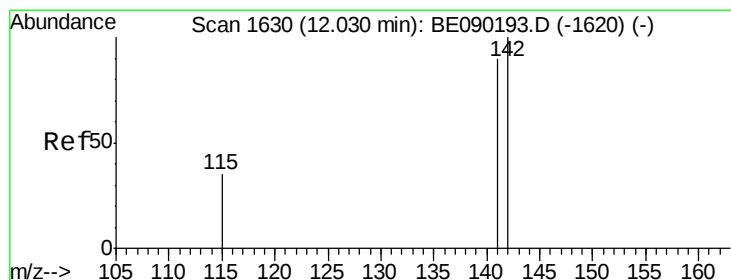
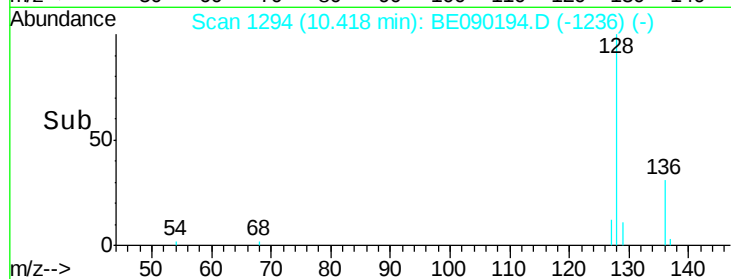
400

200

0

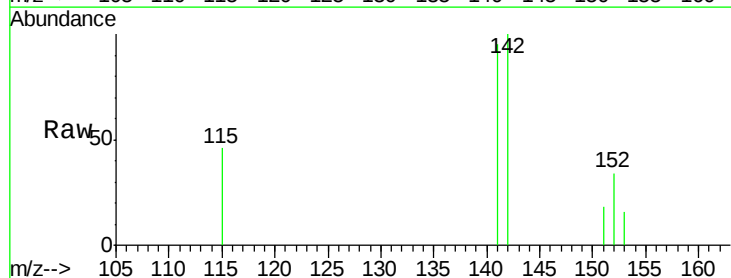
Time-->

10.30 10.40 10.50 10.60



#5
2-Methylnaphthalene
Concen: 0.11 ng/ul
RT: 12.03 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

Tgt Ion:142 Resp: 710
Ion Ratio Lower Upper
142 100
141 90.7 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

300

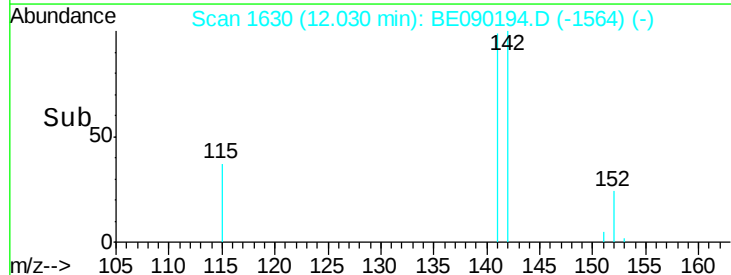
200

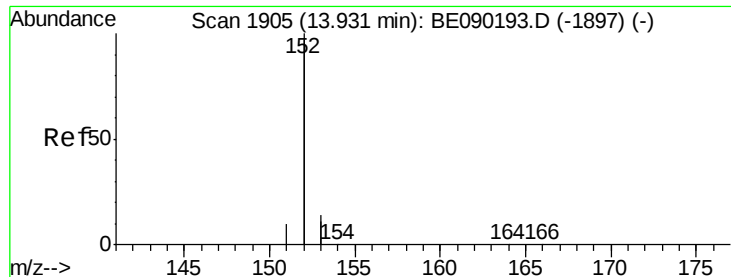
100

0

Time-->

11.90 12.00 12.10 12.20





#7

Acenaphthylene

Concen: 0.11 ng/ul

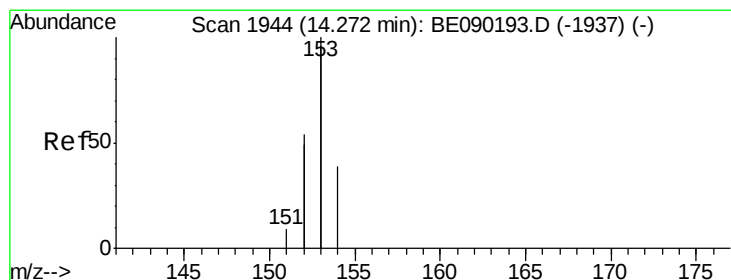
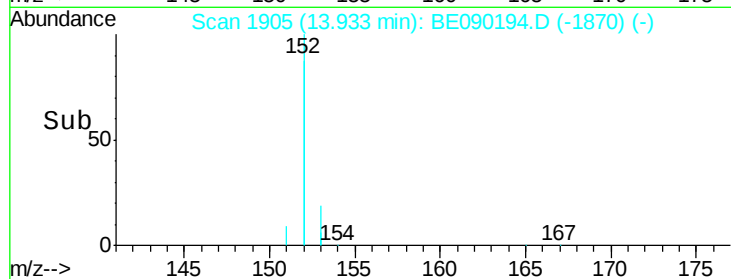
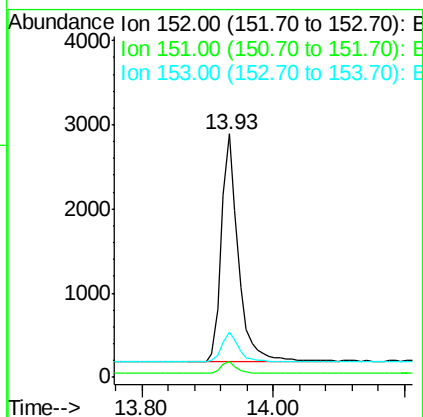
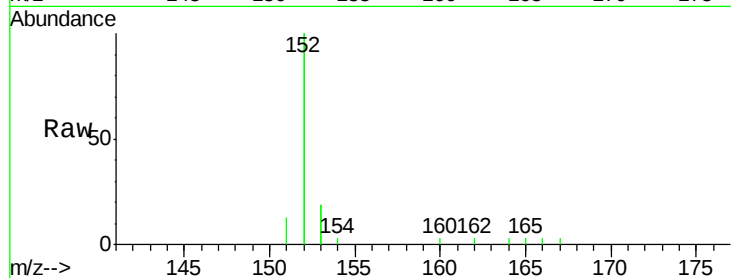
RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

Tgt Ion:	152	Resp:	4877
Ion	Ratio	Lower	Upper
152	100		
151	6.3	4.2	6.4
153	18.6	11.9	17.9#



#8

Acenaphthene

Concen: 0.11 ng/ul

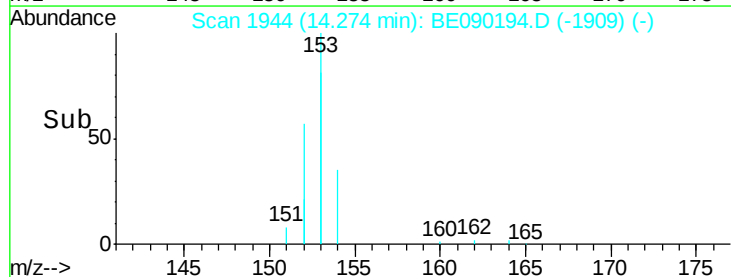
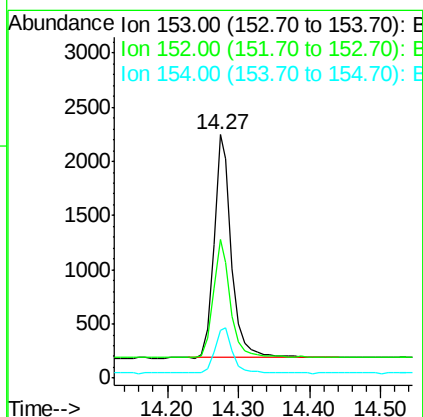
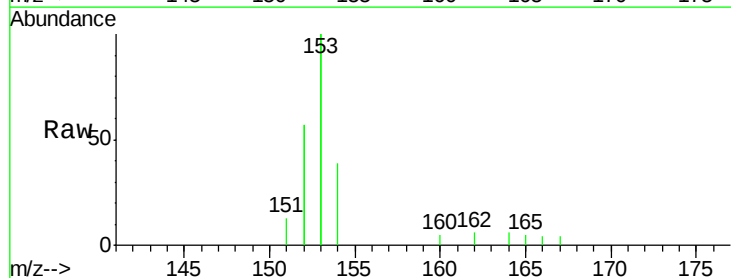
RT: 14.27 min Scan# 1944

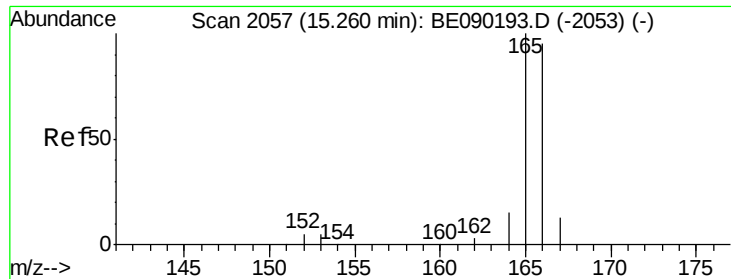
Delta R.T. 0.00 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

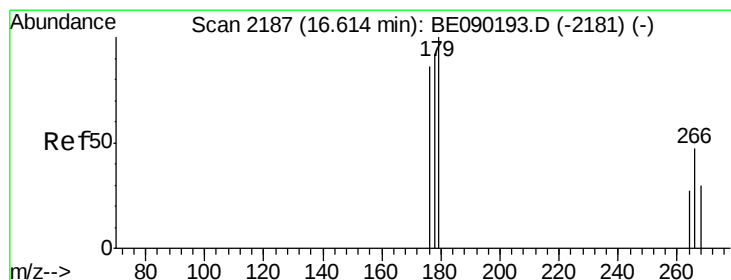
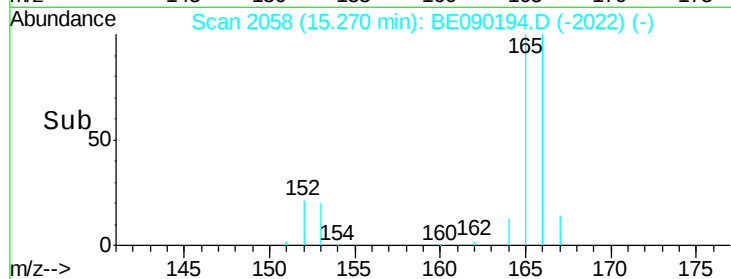
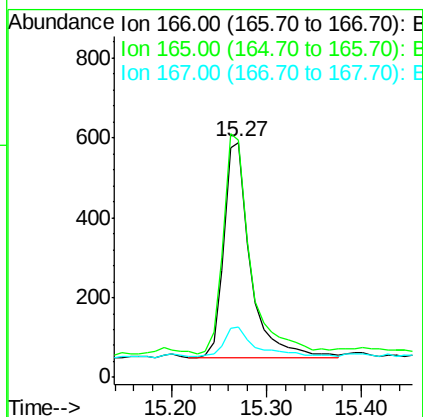
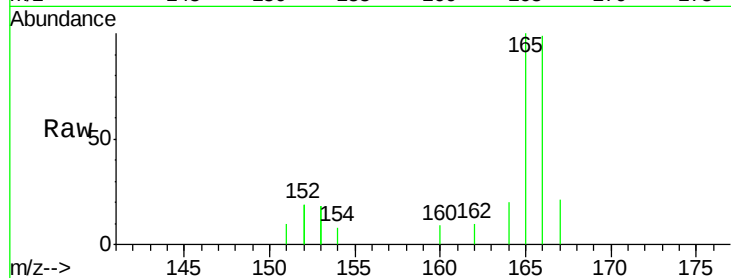
Tgt Ion:	153	Resp:	3569
Ion	Ratio	Lower	Upper
153	100		
152	57.1	43.8	65.8
154	19.4	16.8	25.2





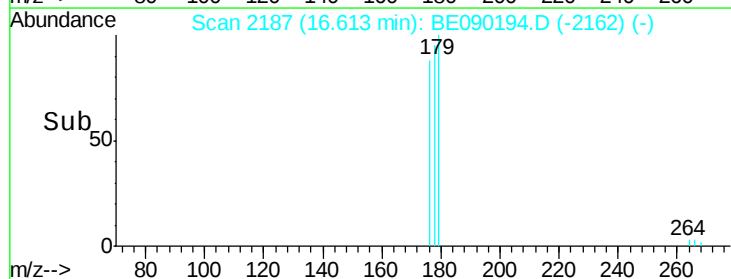
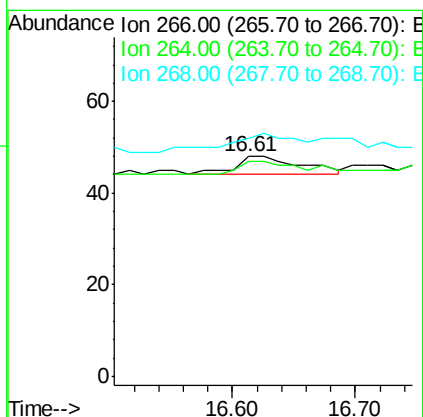
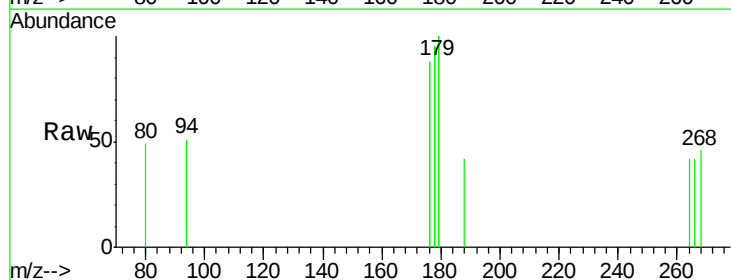
#9
 Fluorene
 Concen: 0.11 ng/ul
 RT: 15.27 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

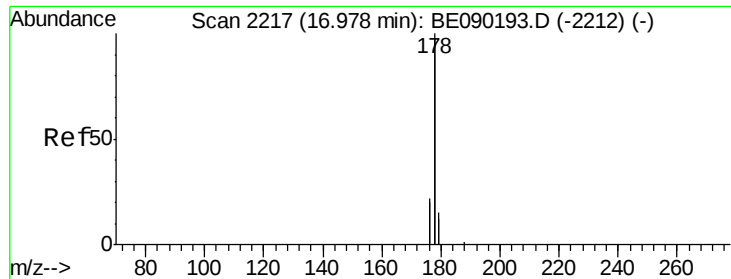
Tgt Ion:166 Resp: 1049
 Ion Ratio Lower Upper
 166 100
 165 101.0 81.2 121.8
 167 21.6 12.6 19.0#



#11
 Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 16.61 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

Tgt Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 80.0 47.7 71.5#
 268 100.0 47.0 70.6#





#12

Phenanthrene

Concen: 0.11 ng/ul

RT: 16.99 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

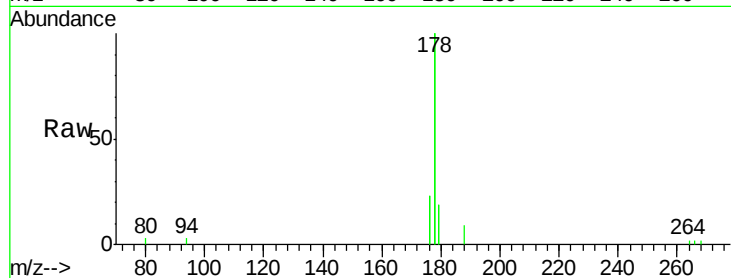
Tgt Ion:178 Resp: 7250

Ion Ratio Lower Upper

178 100

176 22.5 15.3 22.9

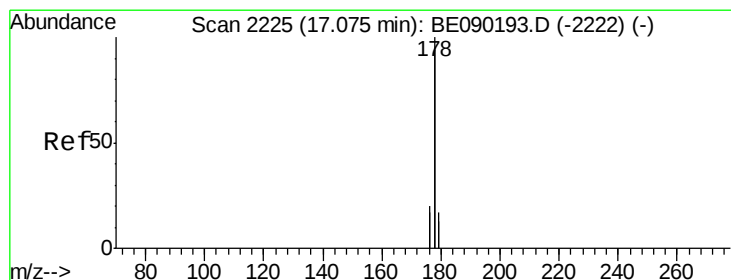
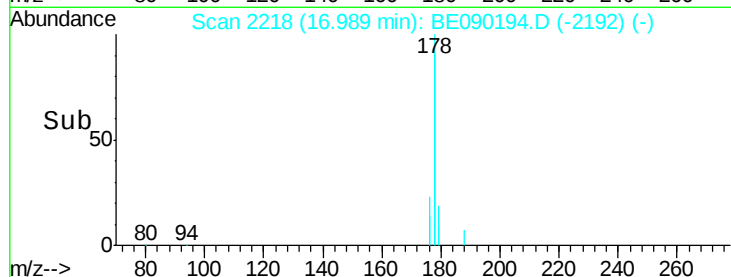
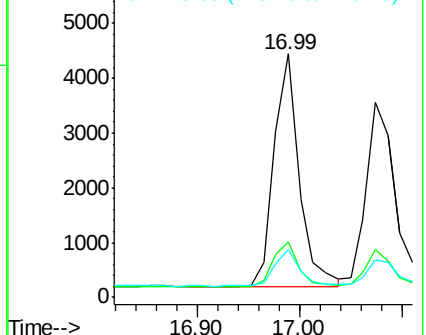
179 19.4 14.0 21.0



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: 0.11 ng/ul

RT: 16.99 min Scan# 2218

Delta R.T. -0.09 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

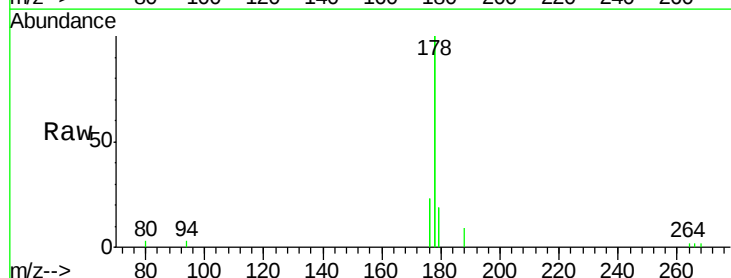
Tgt Ion:178 Resp: 7250

Ion Ratio Lower Upper

178 100

176 22.5 16.0 24.0

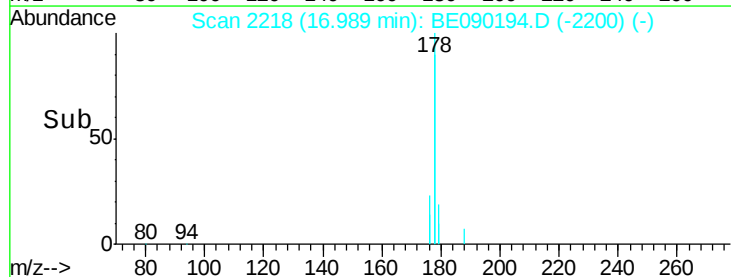
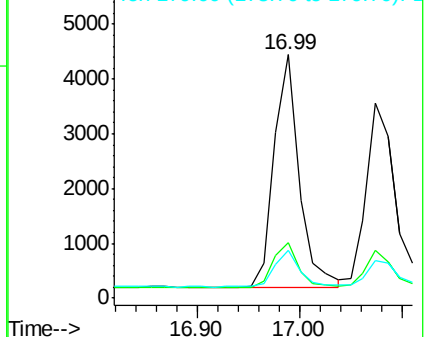
179 19.4 13.4 20.0

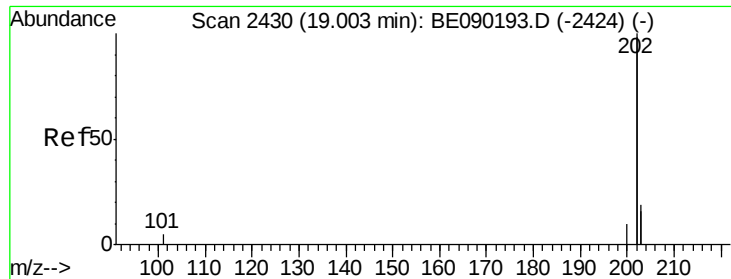


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

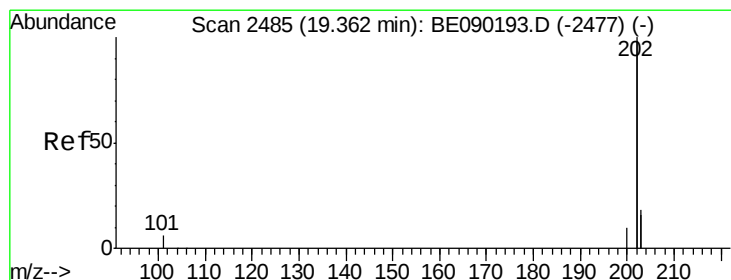
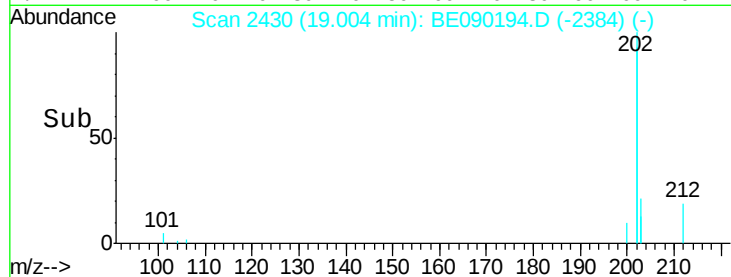
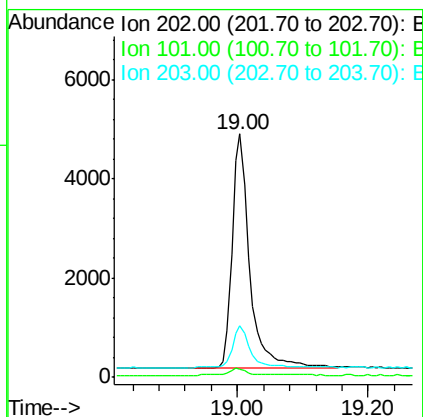
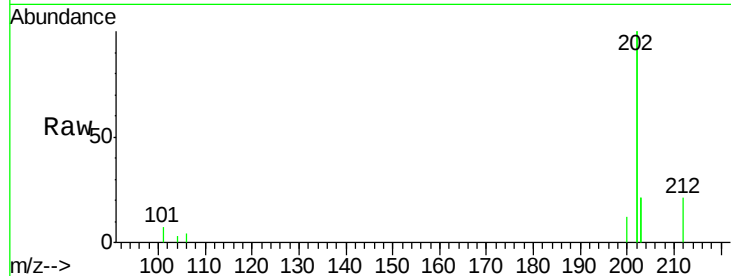
Ion 179.00 (178.70 to 179.70): E





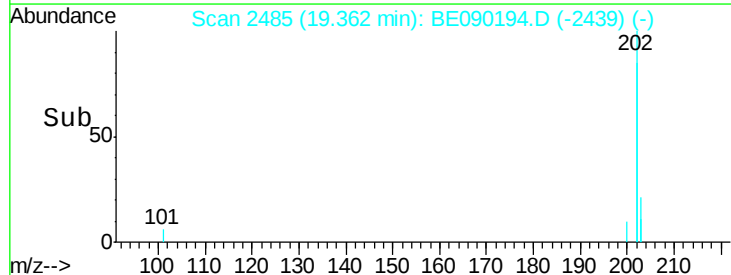
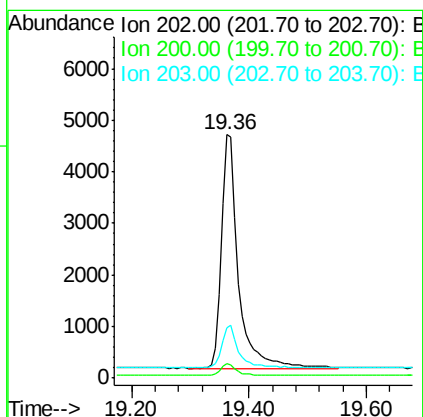
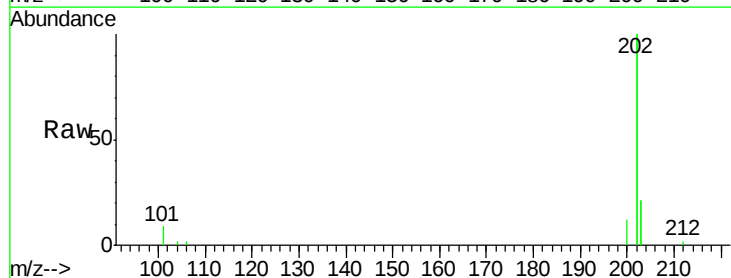
#15
Fluoranthene
 Concen: 0.11 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

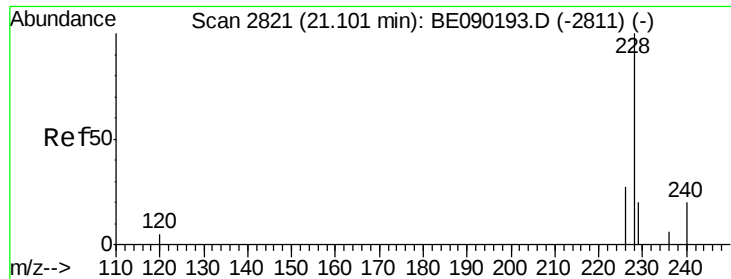
Tgt Ion: 202 Resp: 8948
 Ion Ratio Lower Upper
 202 100
 101 3.3 0.0 23.0
 203 21.3 0.0 37.0



#17
Pyrene
 Concen: 0.15 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BE090194.D
 Acq: 21 Jul 2015 4:00

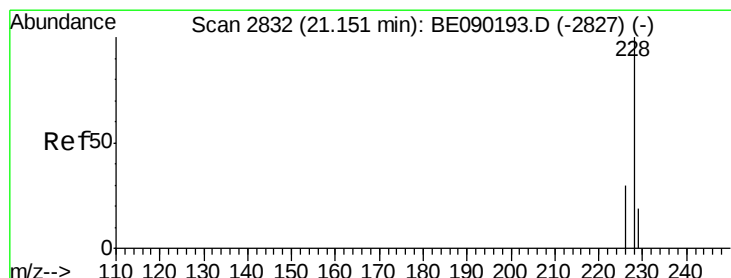
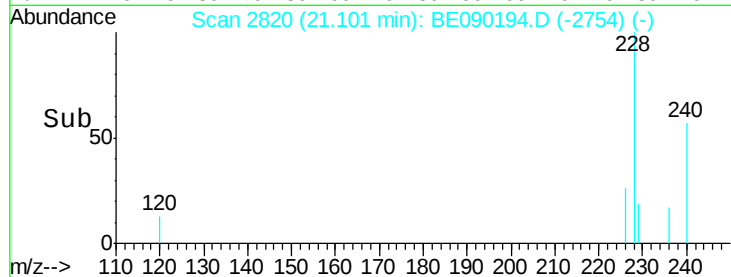
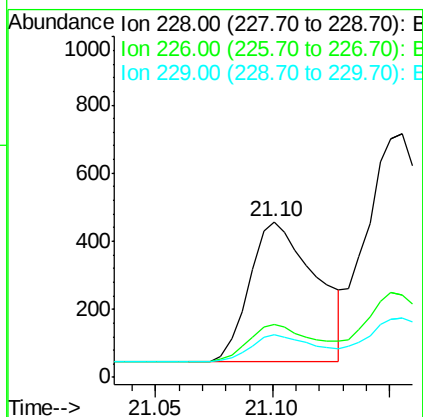
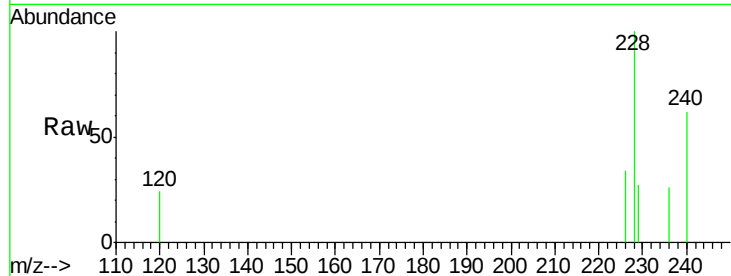
Tgt Ion: 202 Resp: 9081
 Ion Ratio Lower Upper
 202 100
 200 6.2 4.3 6.5
 203 20.6 14.6 21.8





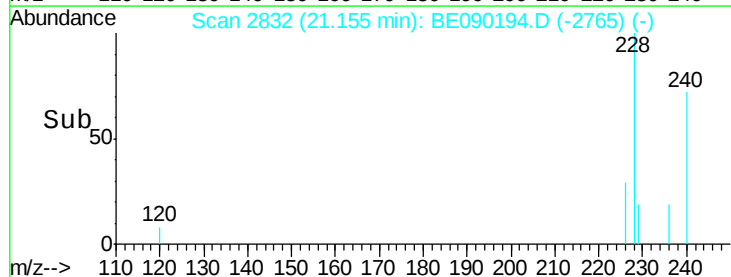
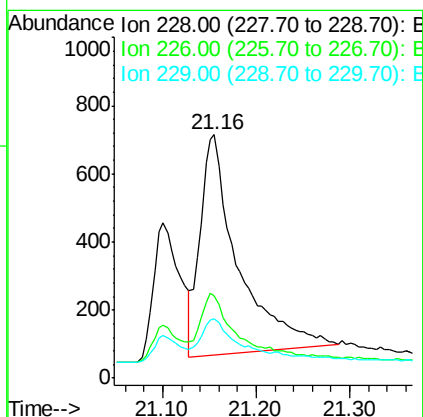
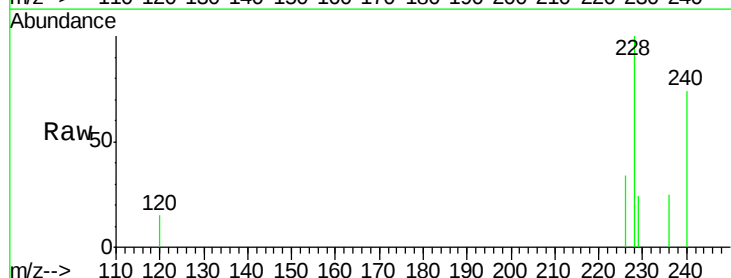
#18
Benzo(a)anthracene
Concen: 0.07 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

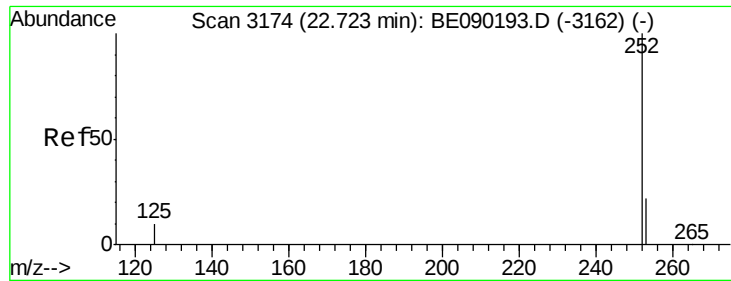
Tgt Ion:228 Resp: 814
Ion Ratio Lower Upper
228 100
226 33.6 22.2 33.4#
229 27.3 16.9 25.3#



#19
Chrysene
Concen: 0.12 ng/ul
RT: 21.16 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

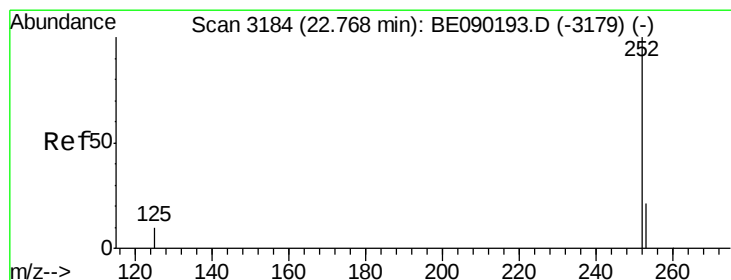
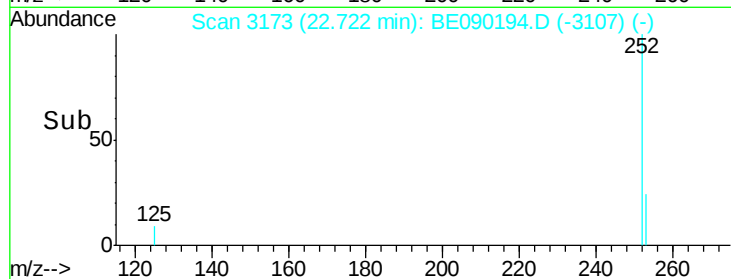
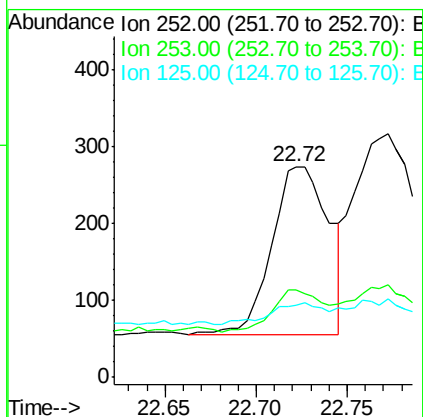
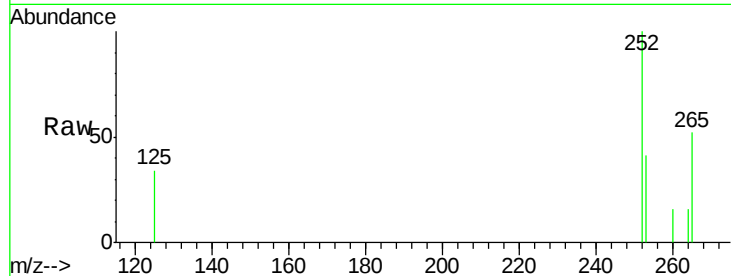
Tgt Ion:228 Resp: 1822
Ion Ratio Lower Upper
228 100
226 33.7 24.3 36.5
229 24.2 16.6 24.8





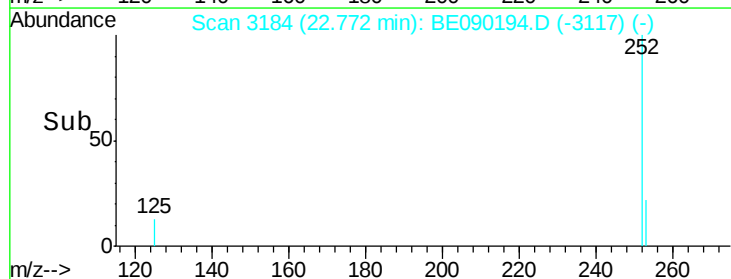
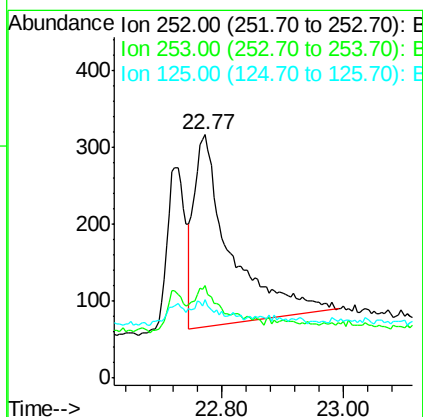
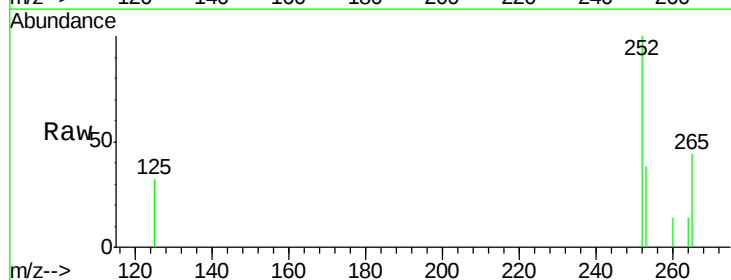
#21
Benzo(b)fluoranthene
Concen: 0.05 ng/u1
RT: 22.72 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

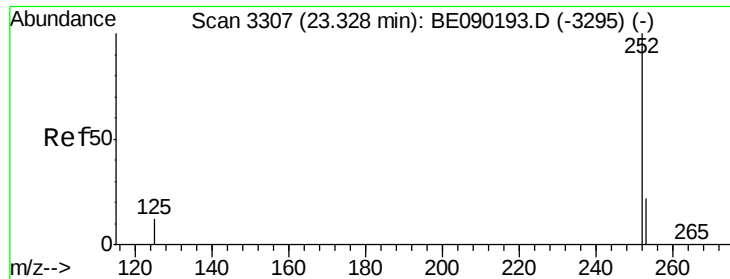
Tgt Ion: 252 Resp: 477
Ion Ratio Lower Upper
252 100
253 41.2 0.0 46.8
125 34.3 0.0 25.4#



#22
Benzo(k)fluoranthene
Concen: 0.09 ng/u1
RT: 22.77 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

Tgt Ion: 252 Resp: 1045
Ion Ratio Lower Upper
252 100
253 37.9 18.3 27.5#
125 32.2 9.8 14.8#





#23

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 23.32 min Scan# 3305

Delta R.T. -0.01 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

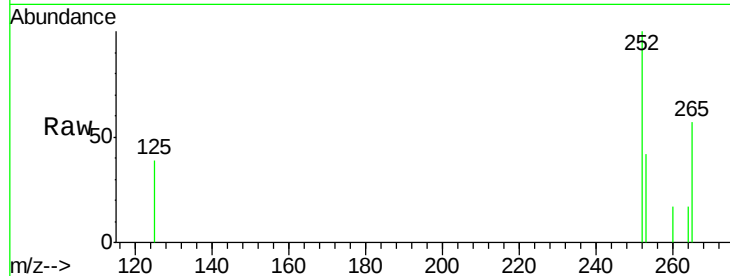
Tgt Ion: 252 Resp: 597

Ion Ratio Lower Upper

252 100

253 41.5 18.4 27.6#

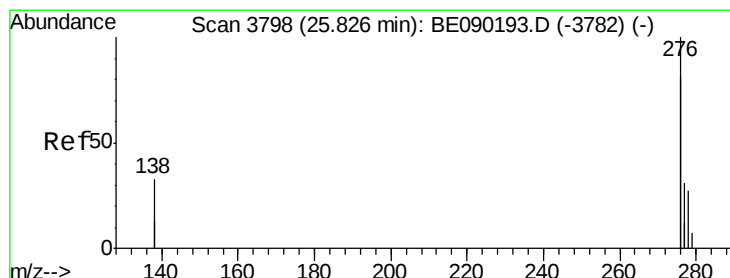
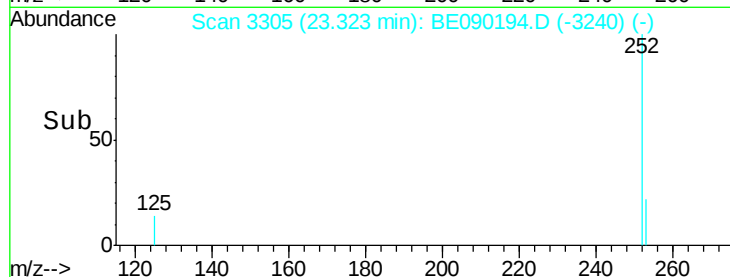
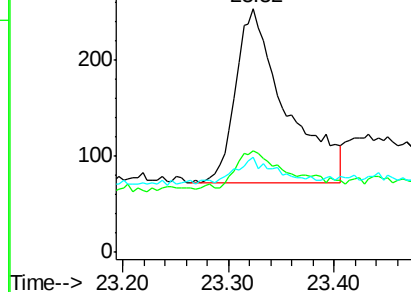
125 38.7 11.5 17.3#



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: 25.82 min Scan# 3796

Delta R.T. -0.01 min

Lab File: BE090194.D

Acq: 21 Jul 2015 4:00

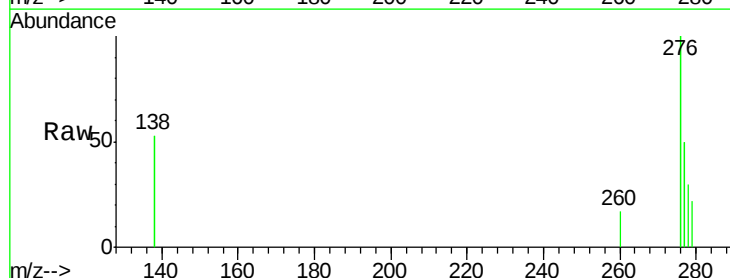
Tgt Ion: 276 Resp: 1828

Ion Ratio Lower Upper

276 100

138 21.9 19.8 29.8

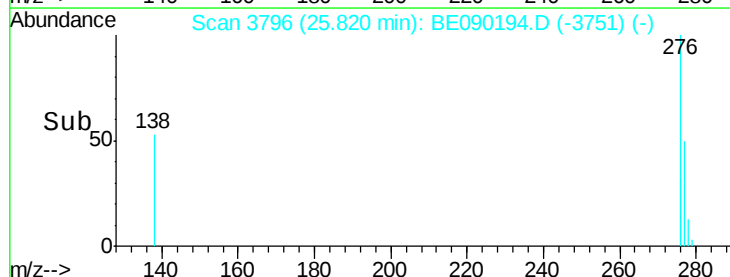
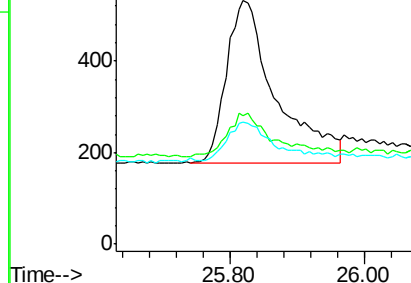
277 22.5 19.8 29.6

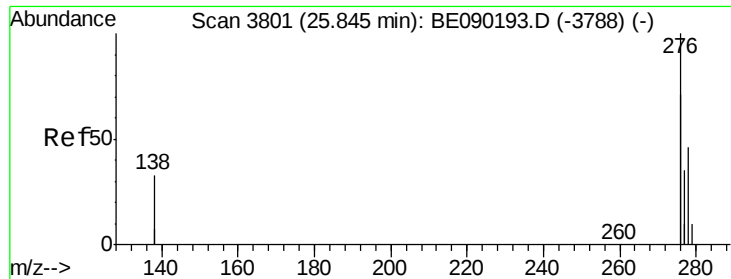


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

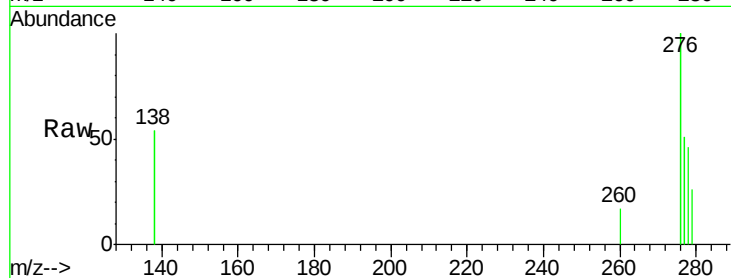




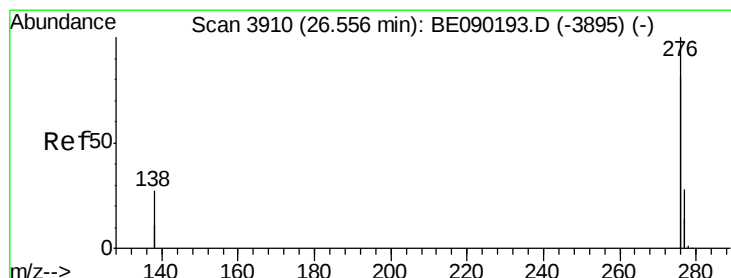
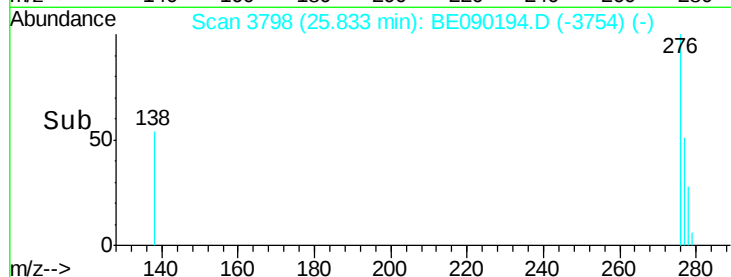
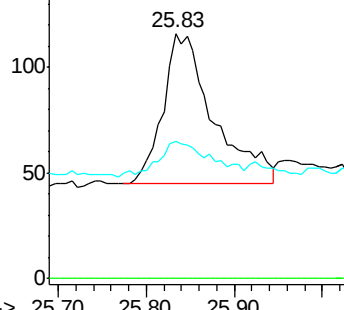
#25
Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 25.83 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

Tgt Ion: 278 Resp: 284

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	56.0	20.0	30.0#



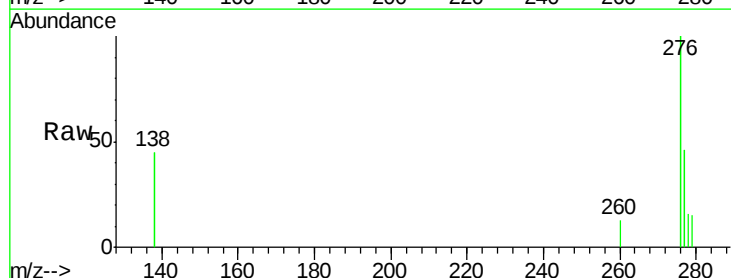
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BE090194.D
Acq: 21 Jul 2015 4:00

Tgt Ion: 276 Resp: 2465

Ion	Ratio	Lower	Upper
276	100		
277	46.2	20.6	31.0#
138	45.3	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

