

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090181.D
 Acq On : 20 Jul 2015 18:48
 Operator : TP/IZ
 Sample : SSTD0.412
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 21 03:11:10 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	869	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	4168	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2348	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6132	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	6689	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	5733	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2615	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	7192	0.40	ng/ul	0.00

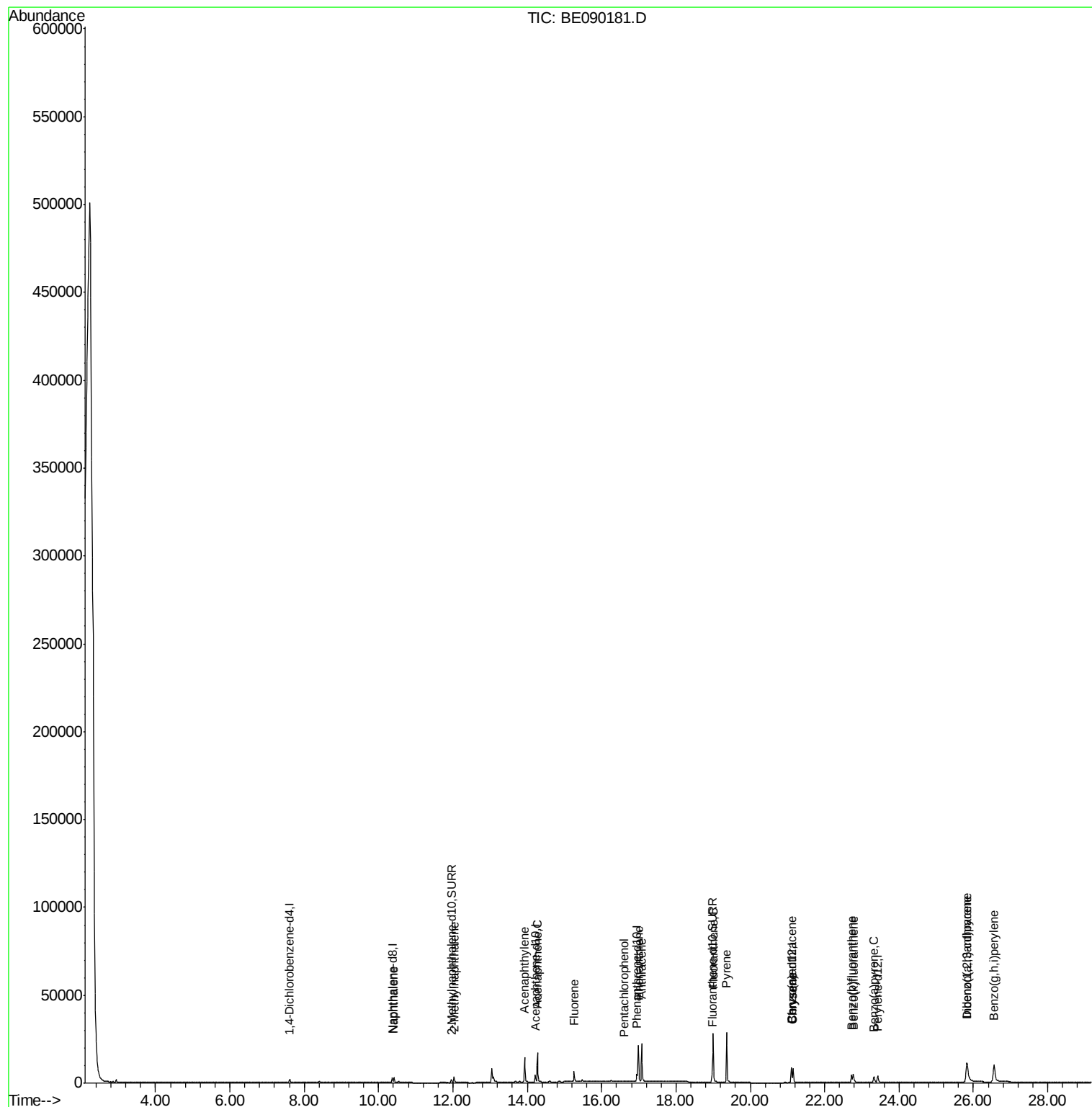
Target Compounds

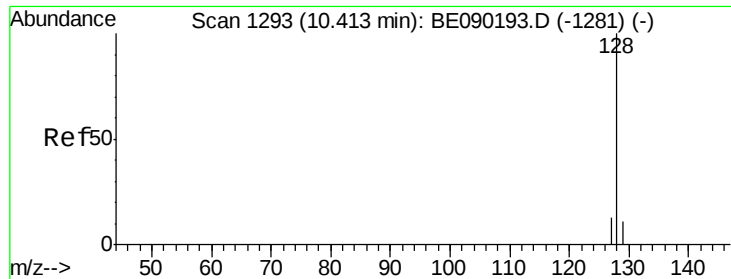
						Qvalue
3) Naphthalene	10.41	128	4354	0.38	ng/ul	100
5) 2-Methylnaphthalene	12.03	142	2893	0.38	ng/ul	100
7) Acenaphthylene	13.93	152	19085	0.38	ng/ul	100
8) Acenaphthene	14.27	153	13848	0.39	ng/ul	100
9) Fluorene	15.26	166	4044	0.39	ng/ul	100
11) Pentachlorophenol	16.61	266	228	0.38	ng/ul	100
12) Phenanthrene	16.99	178	27402	0.36	ng/ul	100
13) Anthracene	17.07	178	26432	0.36	ng/ul	100
15) Fluoranthene	19.00	202	32654	0.39	ng/ul	100
17) Pyrene	19.36	202	33302	0.36	ng/ul	100
18) Benzo(a)anthracene	21.10	228	6732	0.37	ng/ul	100
19) Chrysene	21.15	228	7977	0.35	ng/ul	100
21) Benzo(b)fluoranthene	22.72	252	6249	0.37	ng/ul	100
22) Benzo(k)fluoranthene	22.77	252	8347	0.35	ng/ul	100
23) Benzo(a)pyrene	23.32	252	6583	0.37	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.83	276	30234	0.40	ng/ul	100
25) Dibenzo(a,h)anthracene	25.85	278	6079	0.42	ng/ul	100
26) Benzo(g,h,i)perylene	26.56	276	27892	0.40	ng/ul	100

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

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#3

Naphthalene

Concen: 0.38 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BE090181.D

Acq: 20 Jul 2015 18:48

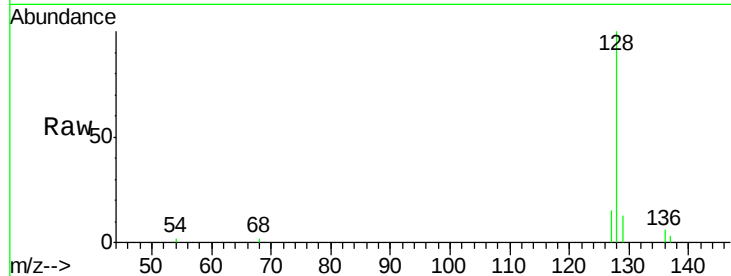
Tgt Ion:128 Resp: 4354

Ion Ratio Lower Upper

128 100

129 12.8 10.2 15.4

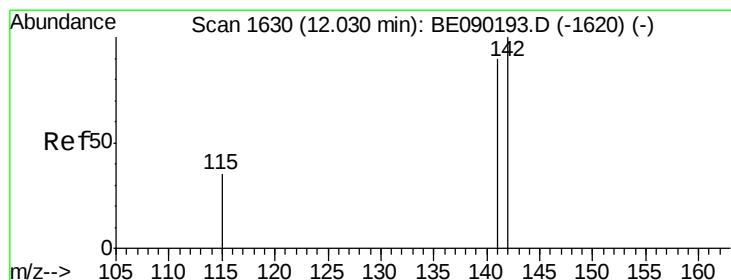
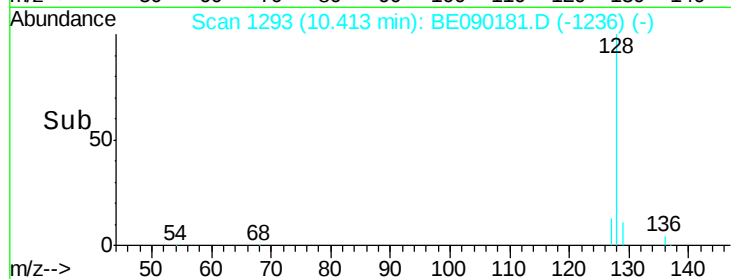
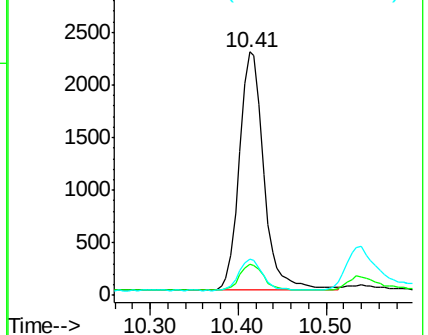
127 14.9 11.9 17.9



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: 0.38 ng/ul

RT: 12.03 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE090181.D

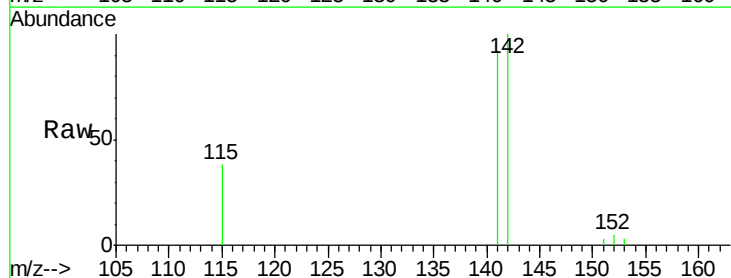
Acq: 20 Jul 2015 18:48

Tgt Ion:142 Resp: 2893

Ion Ratio Lower Upper

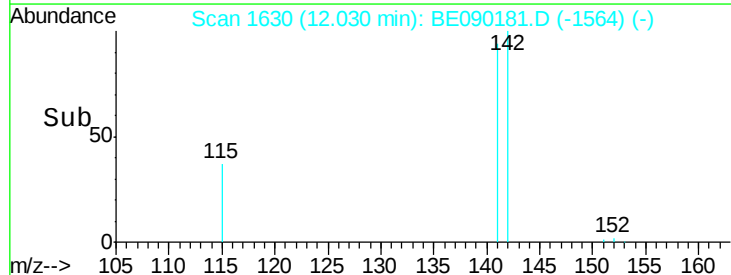
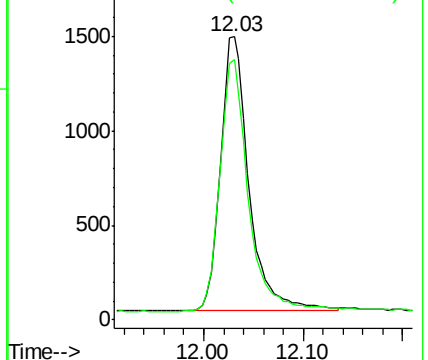
142 100

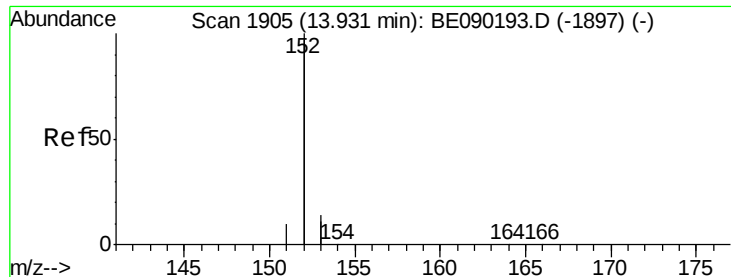
141 91.8 73.4 110.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.38 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090181.D

Acq: 20 Jul 2015 18:48

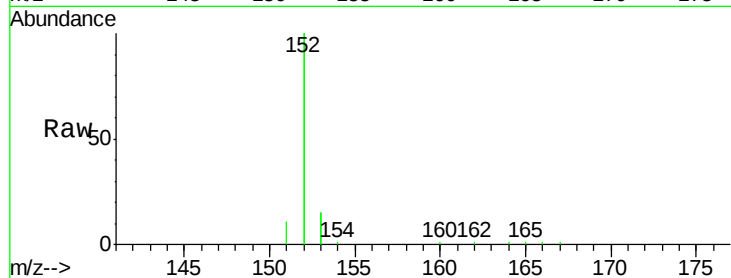
Tgt Ion:152 Resp: 19085

Ion Ratio Lower Upper

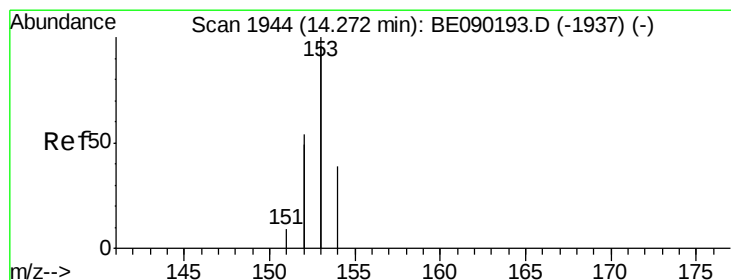
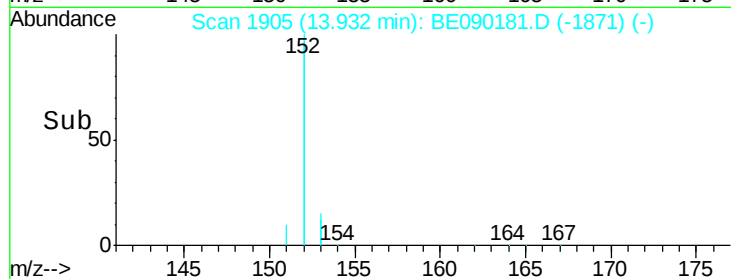
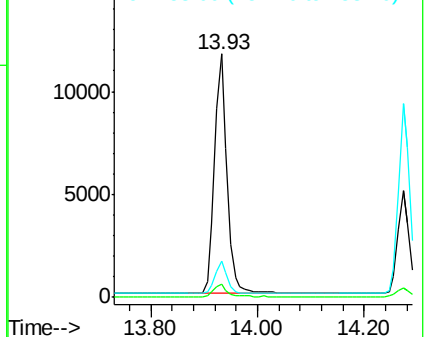
152 100

151 5.3 4.2 6.4

153 14.9 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: 0.39 ng/ul

RT: 14.27 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BE090181.D

Acq: 20 Jul 2015 18:48

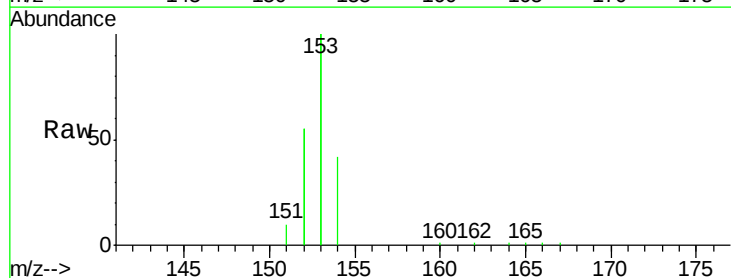
Tgt Ion:153 Resp: 13848

Ion Ratio Lower Upper

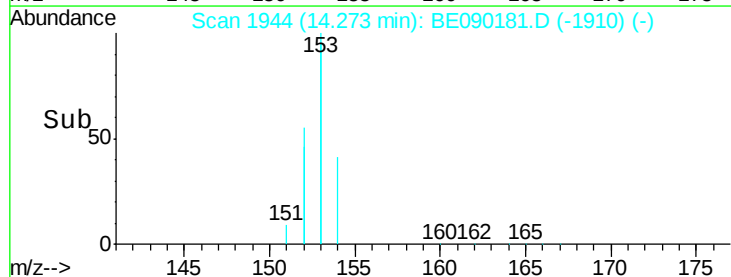
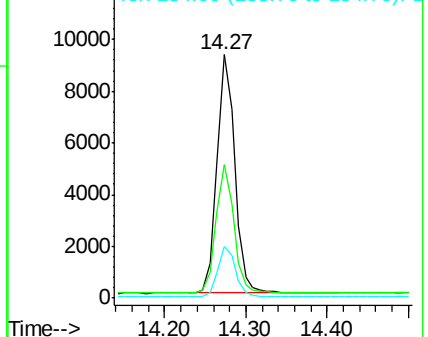
153 100

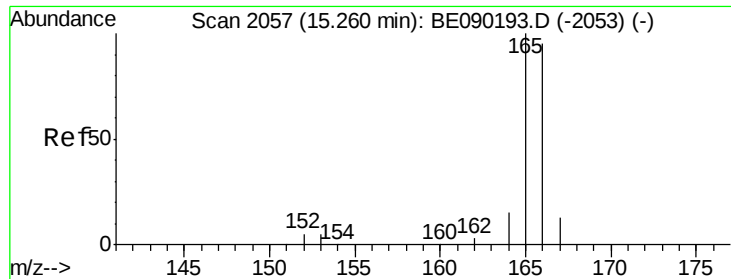
152 54.8 43.8 65.8

154 21.0 16.8 25.2



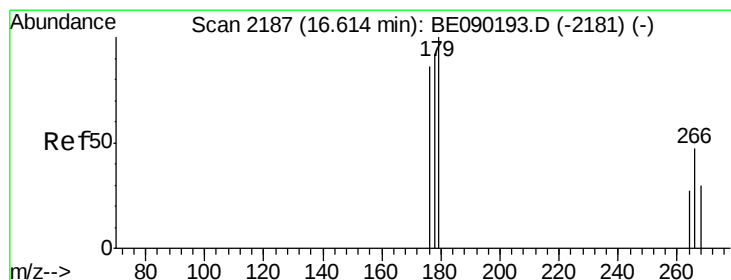
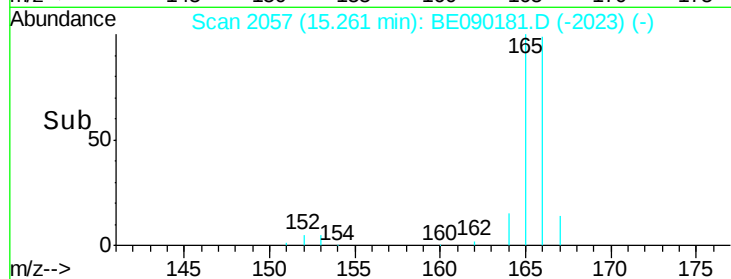
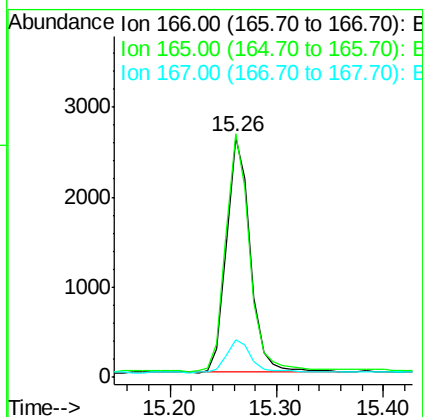
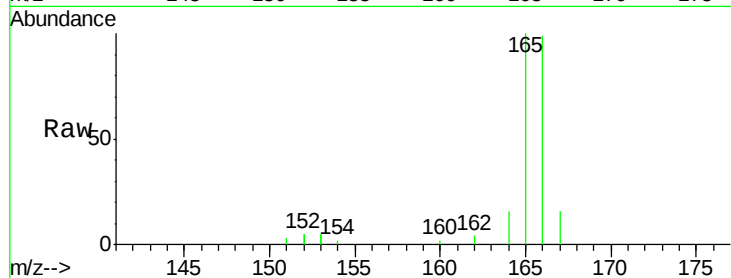
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





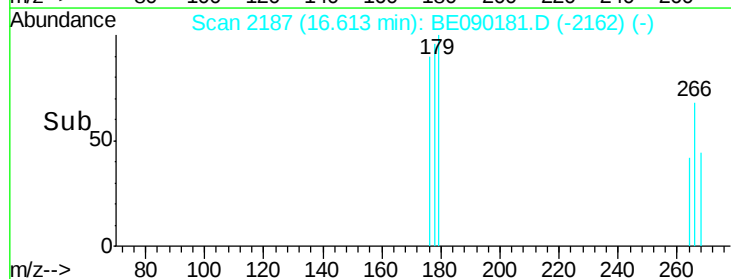
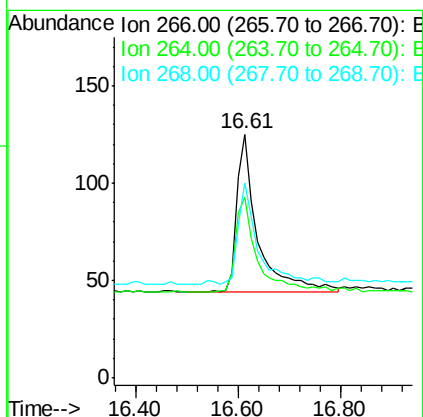
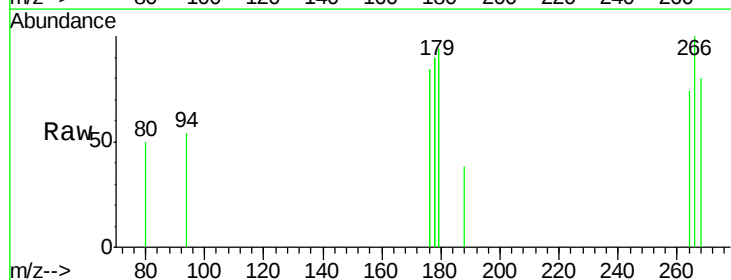
#9
Fluorene
 Concen: 0.39 ng/ul
 RT: 15.26 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BE090181.D
 Acq: 20 Jul 2015 18:48

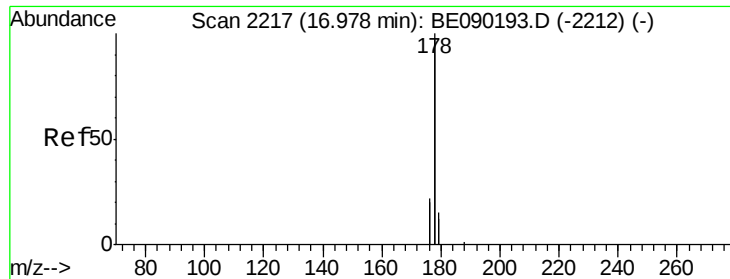
Tgt Ion:166 Resp: 4044
 Ion Ratio Lower Upper
 166 100
 165 101.5 81.2 121.8
 167 15.8 12.6 19.0



#11
Pentachlorophenol
 Concen: 0.38 ng/ul
 RT: 16.61 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BE090181.D
 Acq: 20 Jul 2015 18:48

Tgt Ion:266 Resp: 228
 Ion Ratio Lower Upper
 266 100
 264 59.6 47.7 71.5
 268 58.8 47.0 70.6





#12

Phenanthrene

Concen: 0.36 ng/ul

RT: 16.99 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BE090181.D

Acq: 20 Jul 2015 18:48

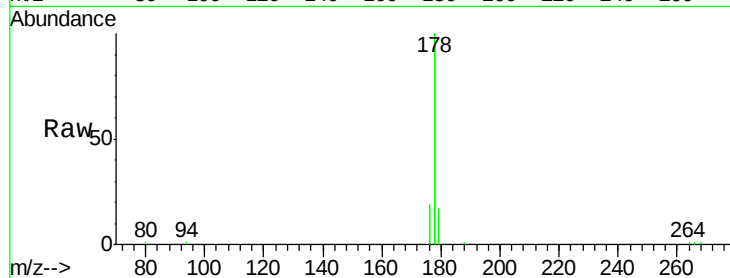
Tgt Ion:178 Resp: 27402

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

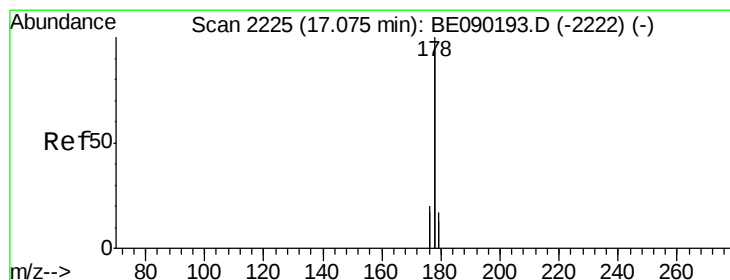
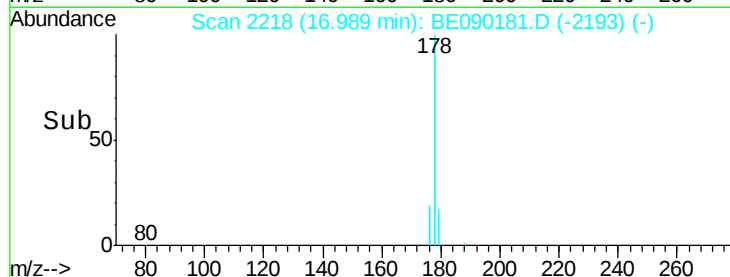
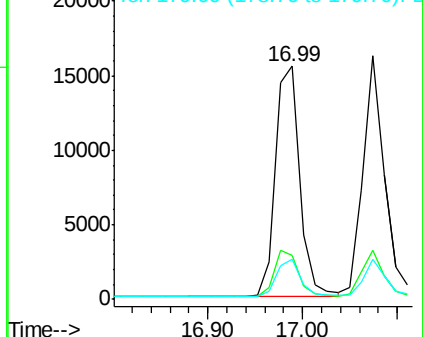
179 17.5 14.0 21.0



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: 0.36 ng/ul

RT: 17.07 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BE090181.D

Acq: 20 Jul 2015 18:48

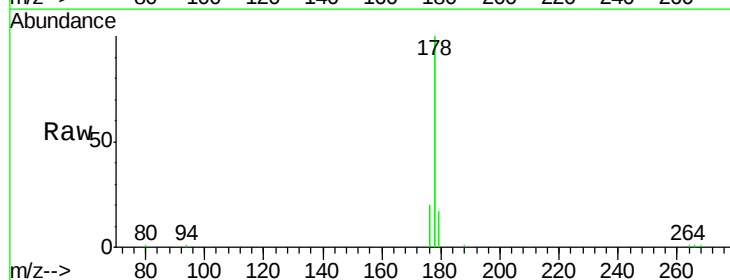
Tgt Ion:178 Resp: 26432

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

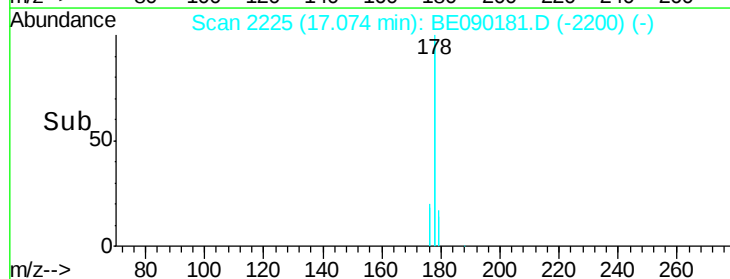
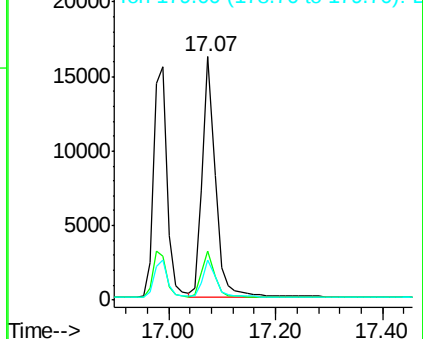
179 16.7 13.4 20.0

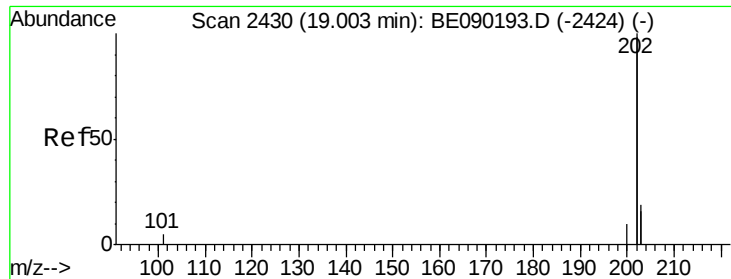


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

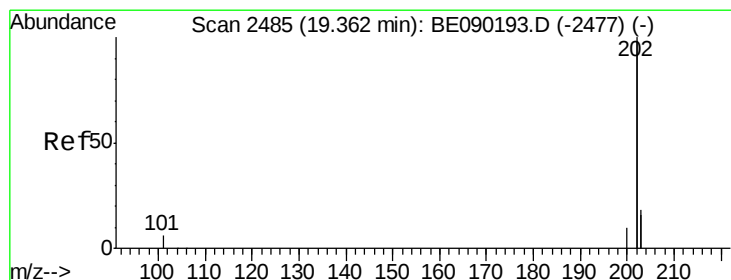
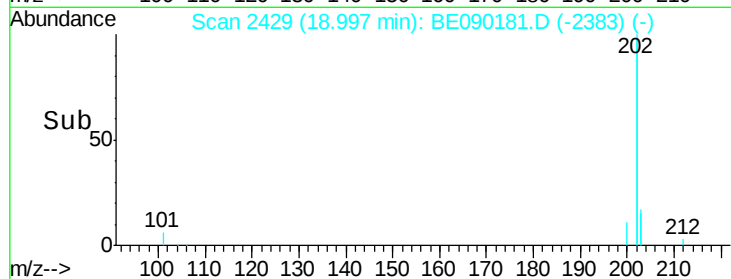
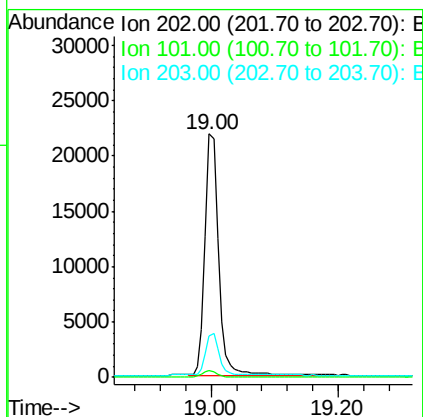
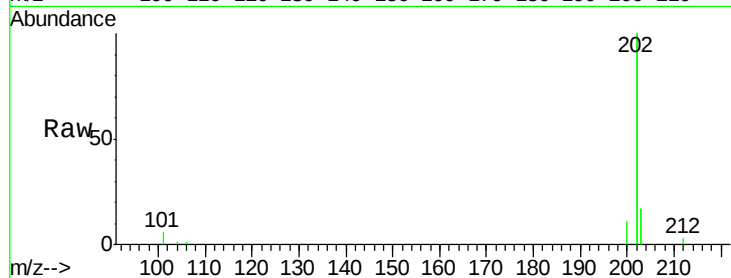
Ion 179.00 (178.70 to 179.70): E





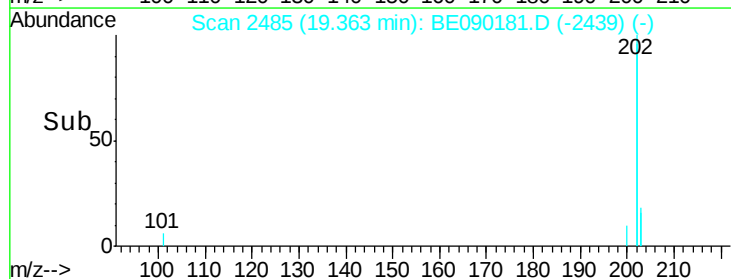
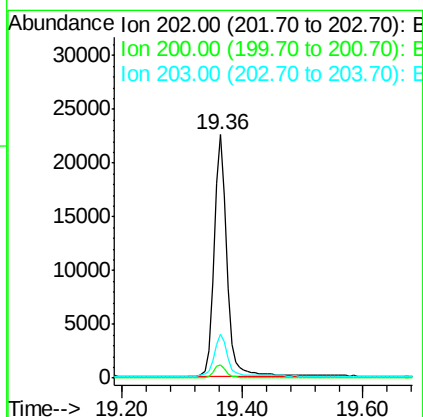
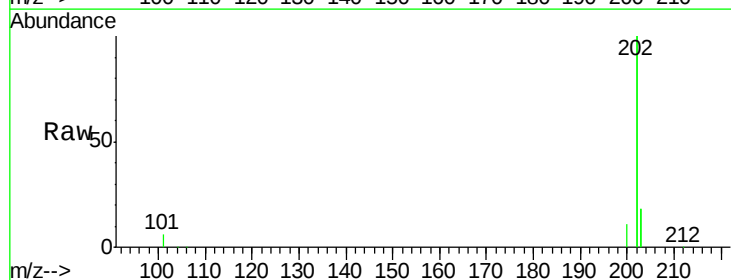
#15
Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.00 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BE090181.D
 Acq: 20 Jul 2015 18:48

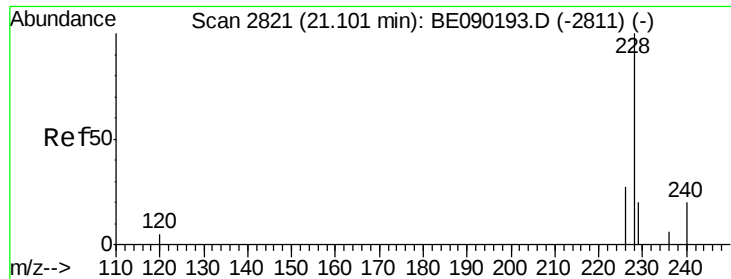
Tgt Ion: 202 Resp: 32654
 Ion Ratio Lower Upper
 202 100
 101 3.0 0.0 23.0
 203 17.0 0.0 37.0



#17
Pyrene
 Concen: 0.36 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BE090181.D
 Acq: 20 Jul 2015 18:48

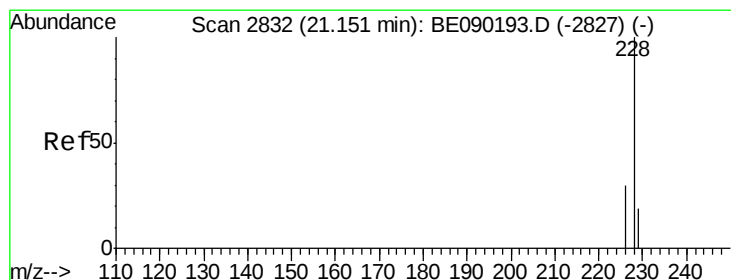
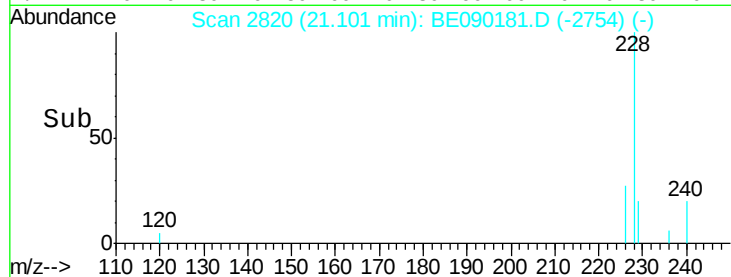
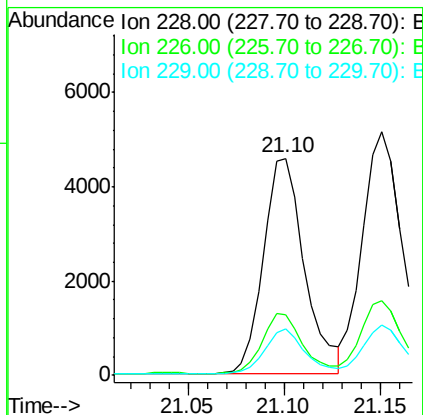
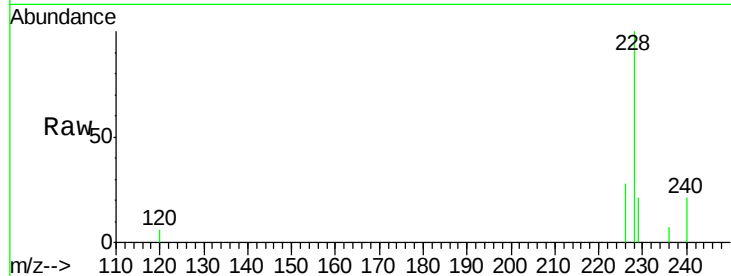
Tgt Ion: 202 Resp: 33302
 Ion Ratio Lower Upper
 202 100
 200 5.4 4.3 6.5
 203 18.2 14.6 21.8





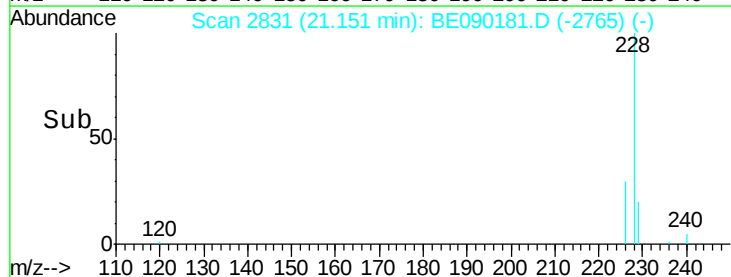
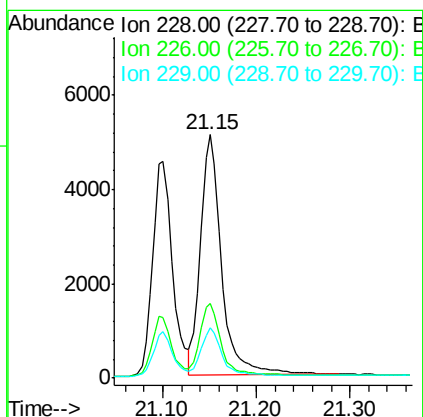
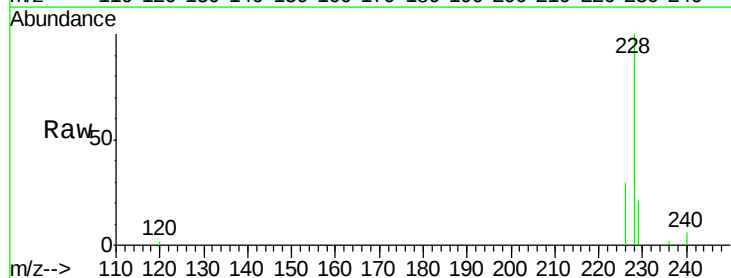
#18
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BE090181.D
Acq: 20 Jul 2015 18:48

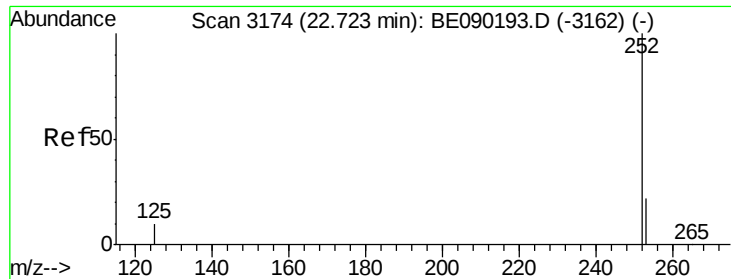
Tgt Ion:228 Resp: 6732
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 21.1 16.9 25.3



#19
Chrysene
Concen: 0.35 ng/ul
RT: 21.15 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE090181.D
Acq: 20 Jul 2015 18:48

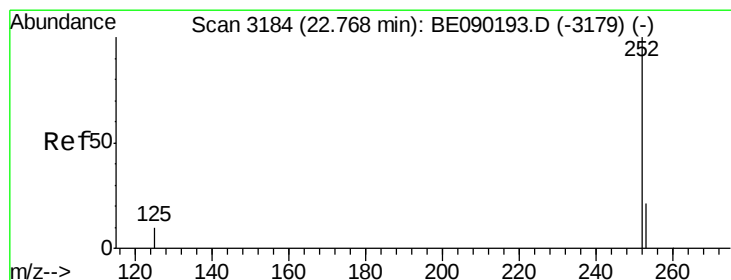
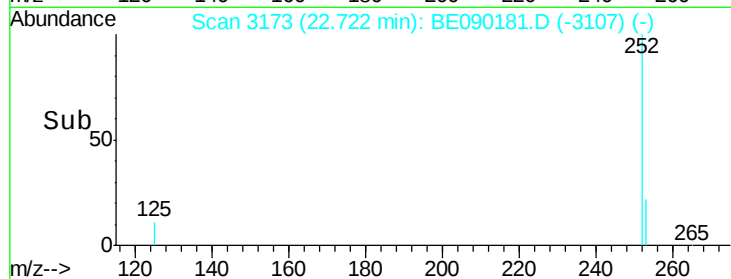
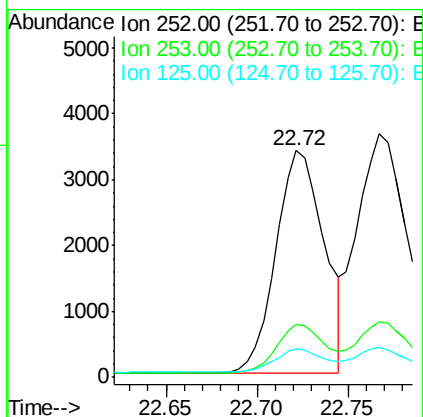
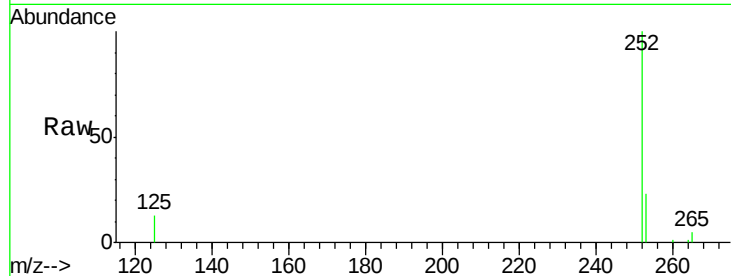
Tgt Ion:228 Resp: 7977
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.7 16.6 24.8





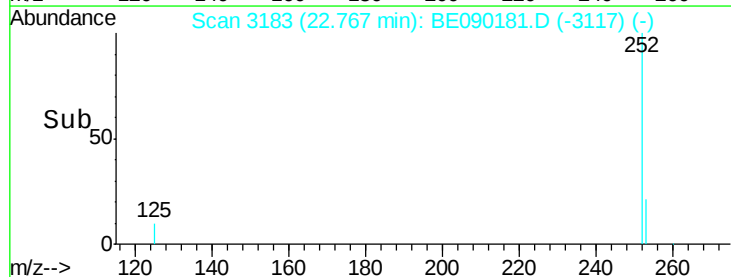
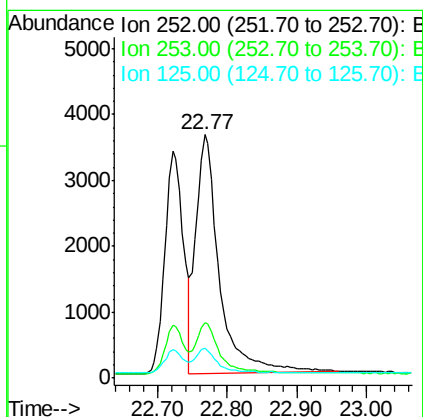
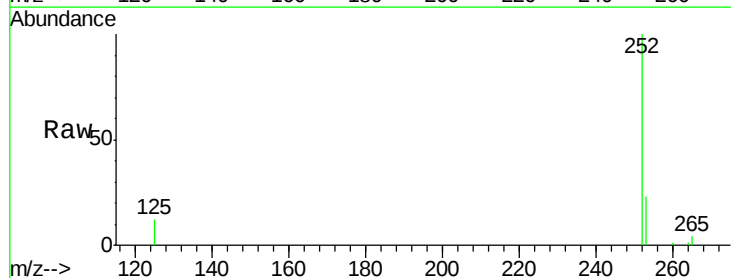
#21
Benzo(b)fluoranthene
Concen: 0.37 ng/ul
RT: 22.72 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE090181.D
Acq: 20 Jul 2015 18:48

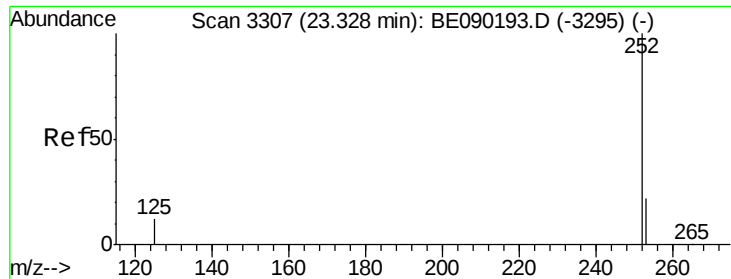
Tgt Ion: 252 Resp: 6249
Ion Ratio Lower Upper
252 100
253 23.4 0.0 46.8
125 12.7 0.0 25.4



#22
Benzo(k)fluoranthene
Concen: 0.35 ng/ul
RT: 22.77 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BE090181.D
Acq: 20 Jul 2015 18:48

Tgt Ion: 252 Resp: 8347
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 12.3 9.8 14.8





#23

Benzo(a)pyrene

Concen: 0.37 ng/ul

RT: 23.32 min Scan# 3305

Delta R.T. 0.00 min

Lab File: BE090181.D

Acq: 20 Jul 2015 18:48

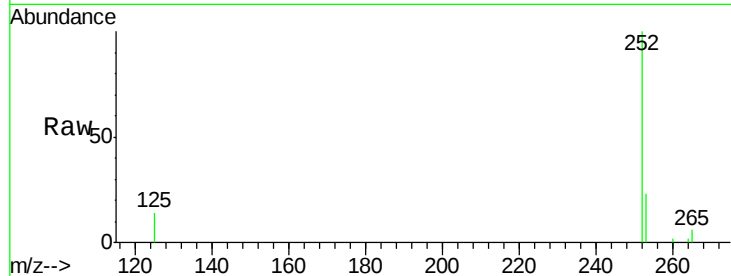
Tgt Ion: 252 Resp: 6583

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

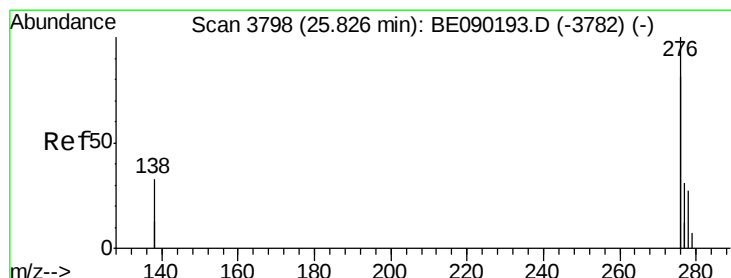
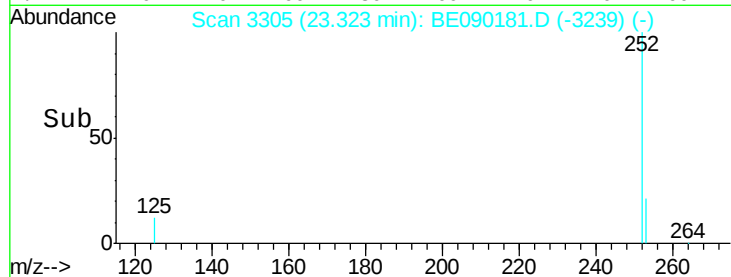
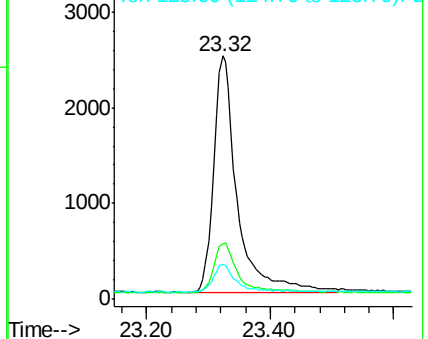
125 14.4 11.5 17.3



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: 0.40 ng/ul

RT: 25.83 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BE090181.D

Acq: 20 Jul 2015 18:48

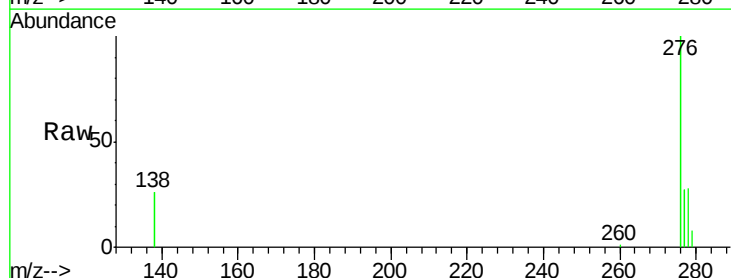
Tgt Ion: 276 Resp: 30234

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

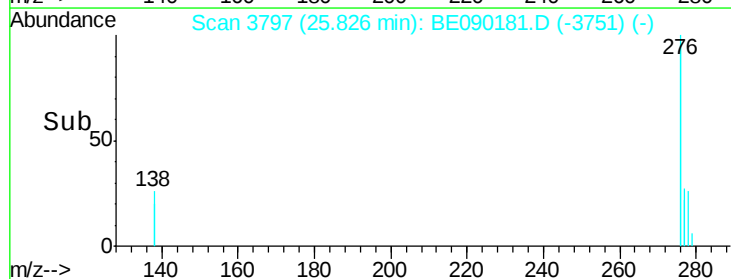
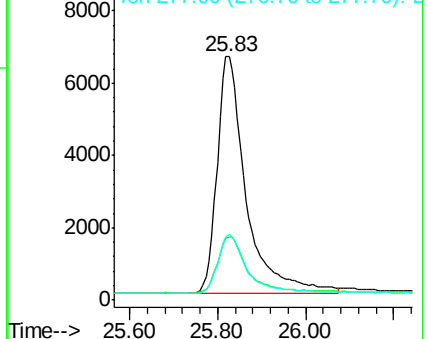
277 24.7 19.8 29.6

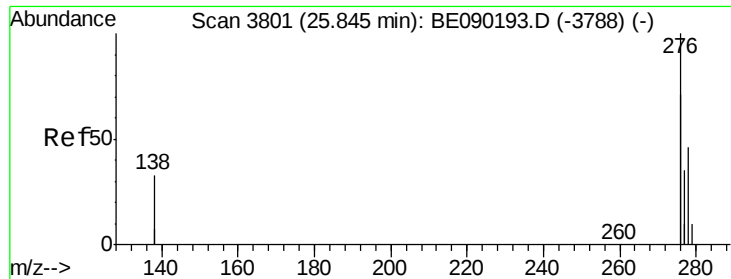


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

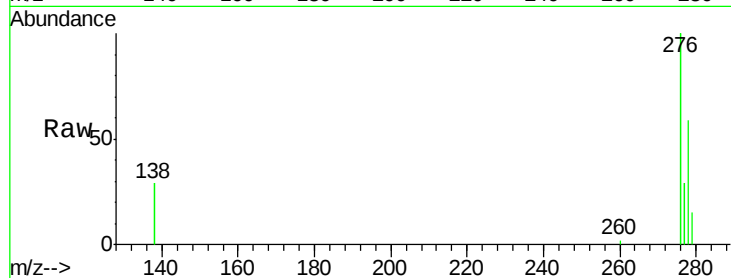




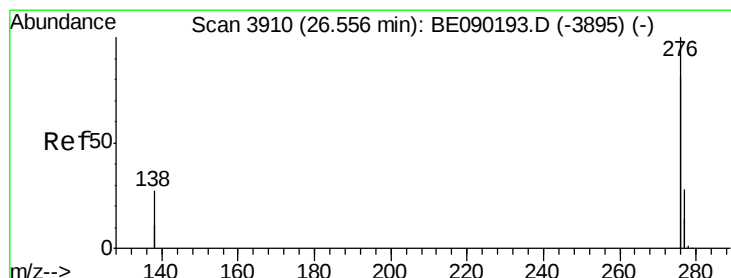
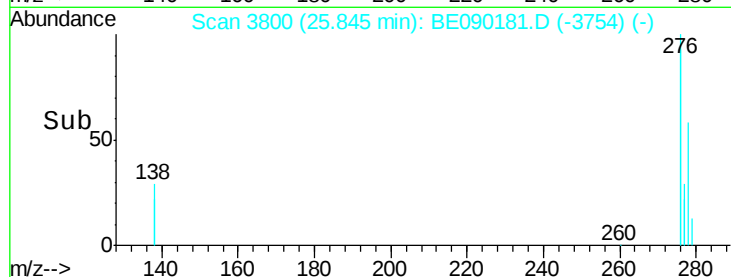
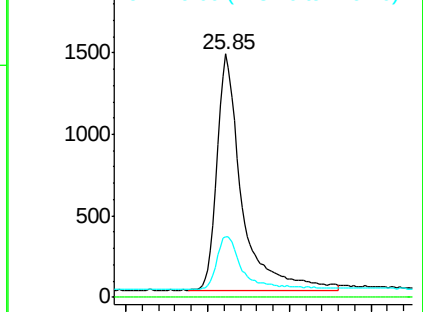
#25
Dibenzo(a,h)anthracene
Concen: 0.42 ng/ul
RT: 25.85 min Scan# 3800
Delta R.T. 0.00 min
Lab File: BE090181.D
Acq: 20 Jul 2015 18:48

Tgt Ion: 278 Resp: 6079

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	25.0	20.0	30.0



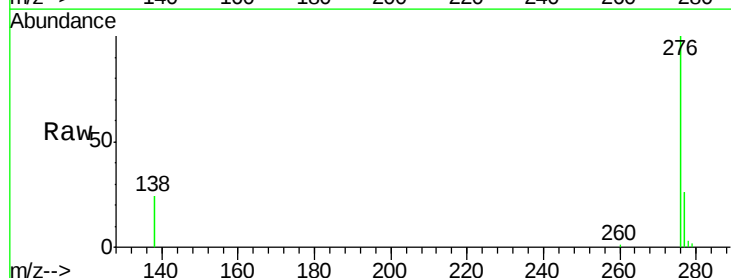
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.40 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BE090181.D
Acq: 20 Jul 2015 18:48

Tgt Ion: 276 Resp: 27892

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.6	31.0
138	24.1	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

