

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090180.D
 Acq On : 20 Jul 2015 18:12
 Operator : TP/IZ
 Sample : SSTD0.211
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 21 03:11:01 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	900	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4272	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2360	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6233	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	6694	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	6052	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	1343	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	3659	0.20	ng/ul	0.00

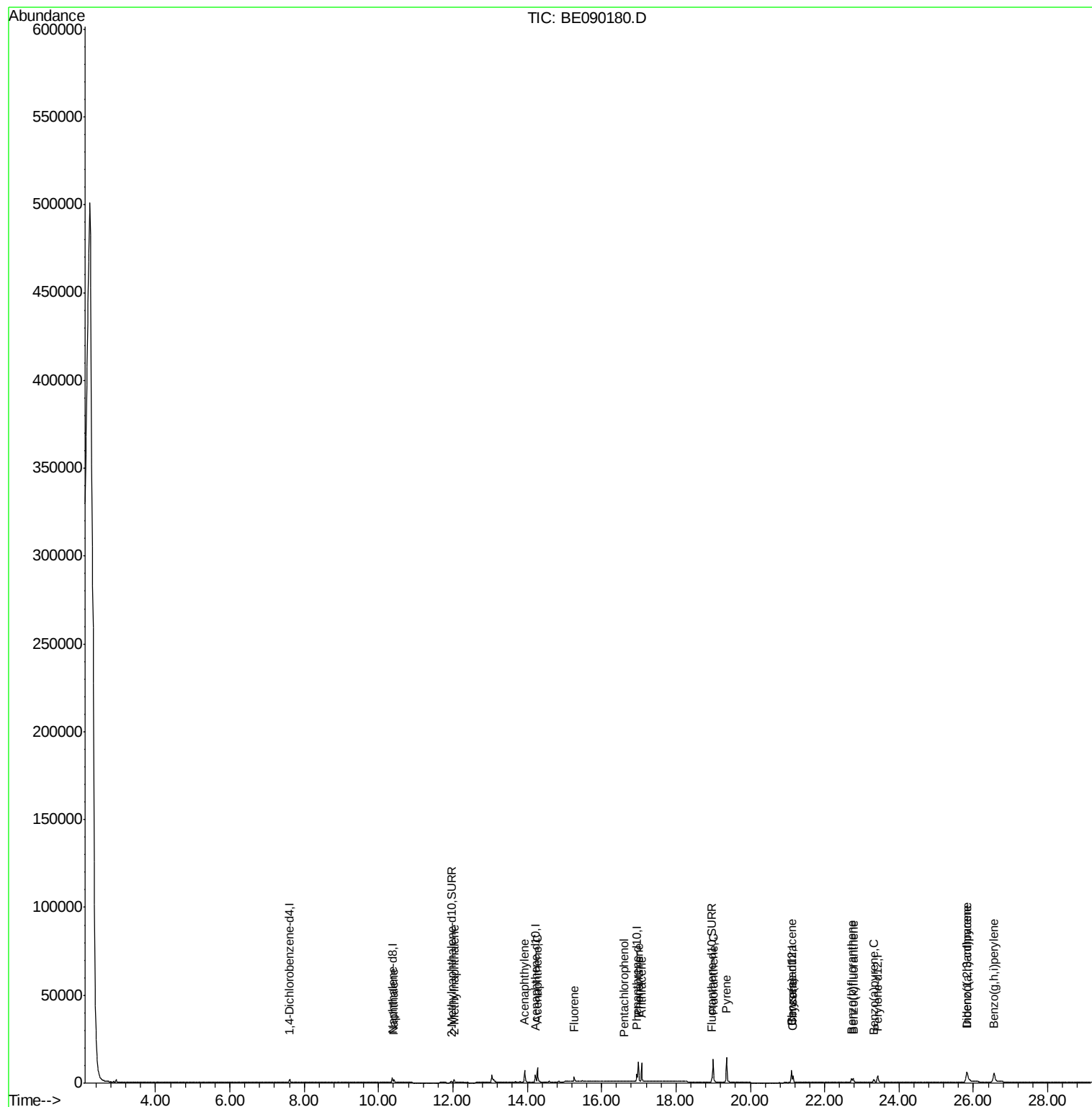
Target Compounds

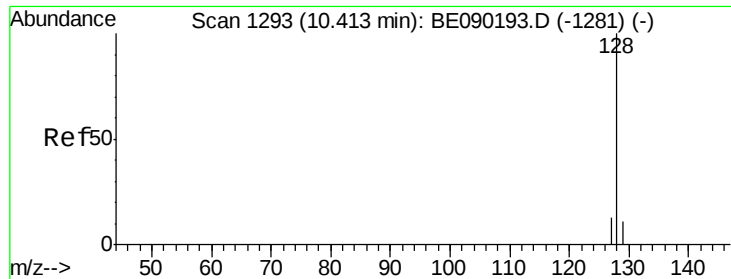
						Qvalue
3) Naphthalene	10.41	128	2248	0.19	ng/ul	96
5) 2-Methylnaphthalene	12.03	142	1514	0.19	ng/ul	96
7) Acenaphthylene	13.93	152	9819	0.20	ng/ul	99
8) Acenaphthene	14.27	153	7120	0.20	ng/ul	98
9) Fluorene	15.27	166	2082	0.20	ng/ul	96
11) Pentachlorophenol	16.61	266	116	0.19	ng/ul	90
12) Phenanthrene	16.99	178	14313	0.19	ng/ul	98
13) Anthracene	17.07	178	13676	0.18	ng/ul	98
15) Fluoranthene	19.00	202	16672	0.20	ng/ul	96
17) Pyrene	19.36	202	17109	0.19	ng/ul	98
18) Benzo(a)anthracene	21.10	228	3305	0.18	ng/ul	100
19) Chrysene	21.15	228	4278	0.19	ng/ul	100
21) Benzo(b)fluoranthene	22.72	252	3176	0.18	ng/ul	95
22) Benzo(k)fluoranthene	22.77	252	4176	0.17	ng/ul	95
23) Benzo(a)pyrene	23.32	252	3135	0.17	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.83	276	15481	0.19	ng/ul	99
25) Dibenzo(a,h)anthracene	25.85	278	3106	0.20	ng/ul	91
26) Benzo(g,h,i)perylene	26.56	276	14111	0.19	ng/ul	96

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

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Data File : BE090180.D
Acq On : 20 Jul 2015 18:12
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Sample : SST0.211
Misc :
ALS Vial : 3 Sample Multiplier: 1

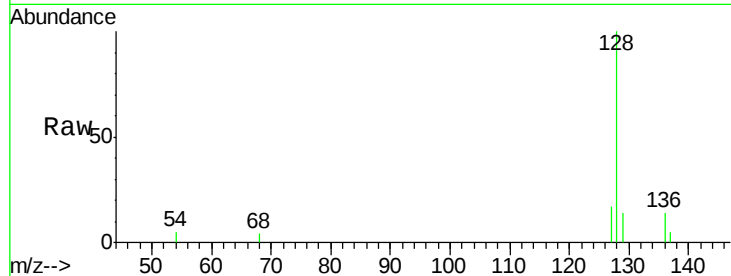
Quant Time: Jul 21 03:11:01 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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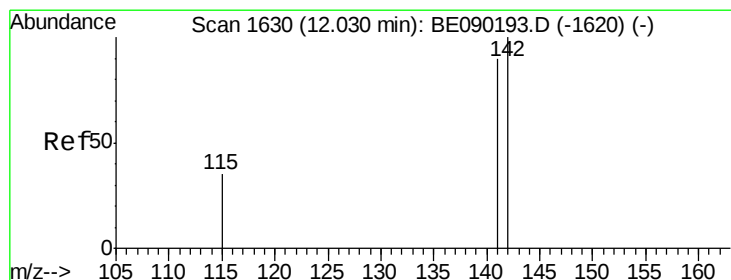
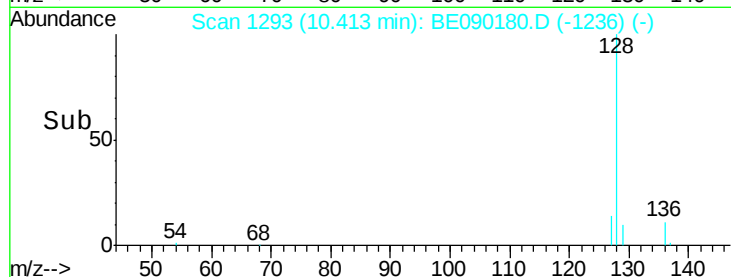
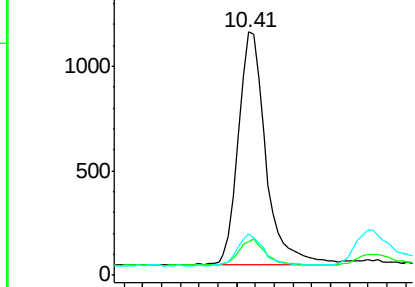


#3
Naphthalene
Concen: 0.19 ng/ul
RT: 10.41 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BE090180.D
Acq: 20 Jul 2015 18:12

Tgt Ion:128 Resp: 2248
Ion Ratio Lower Upper
128 100
129 13.9 10.2 15.4
127 16.9 11.9 17.9

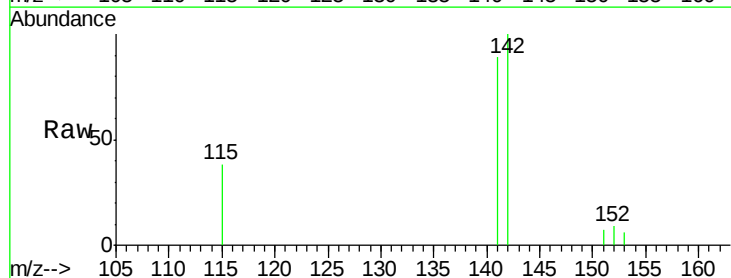


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

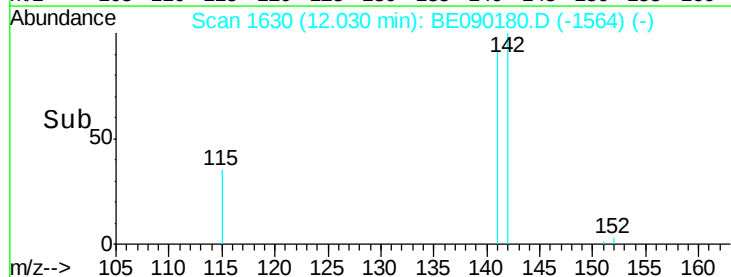
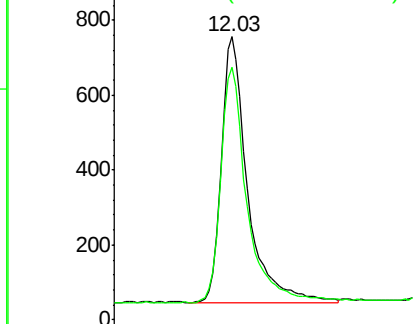


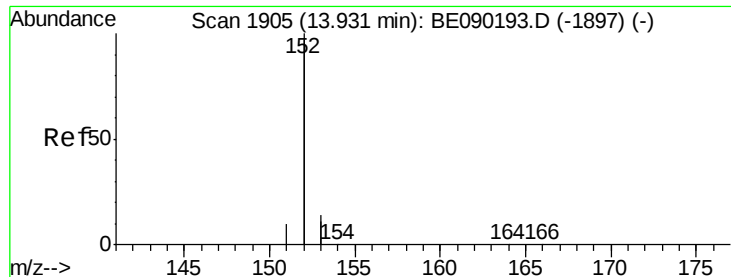
#5
2-Methylnaphthalene
Concen: 0.19 ng/ul
RT: 12.03 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE090180.D
Acq: 20 Jul 2015 18:12

Tgt Ion:142 Resp: 1514
Ion Ratio Lower Upper
142 100
141 88.1 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: 0.20 ng/ul

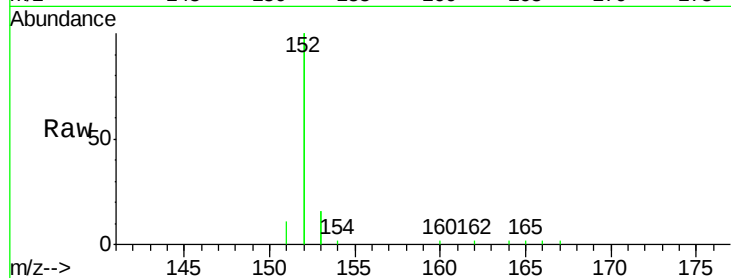
RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

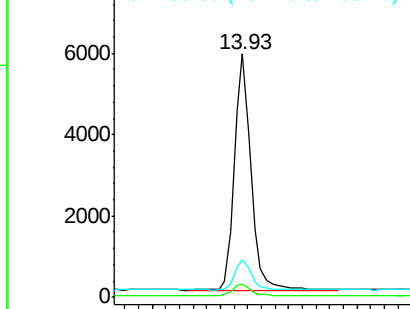
Lab File: BE090180.D

Acq: 20 Jul 2015 18:12

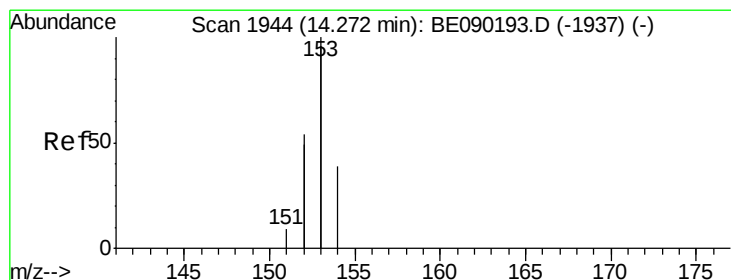
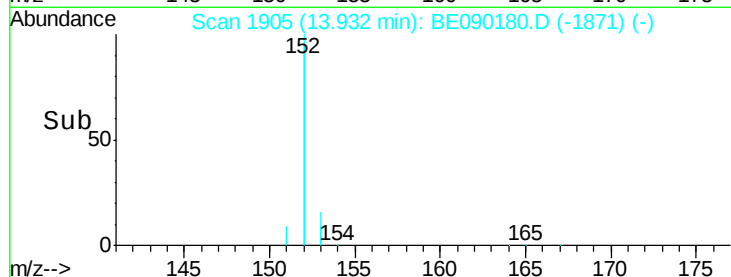
Tgt Ion:	152	Resp:	9819
Ion	Ratio	Lower	Upper
152	100		
151	5.4	4.2	6.4
153	15.5	11.9	17.9



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



Time-->



#8

Acenaphthene

Concen: 0.20 ng/ul

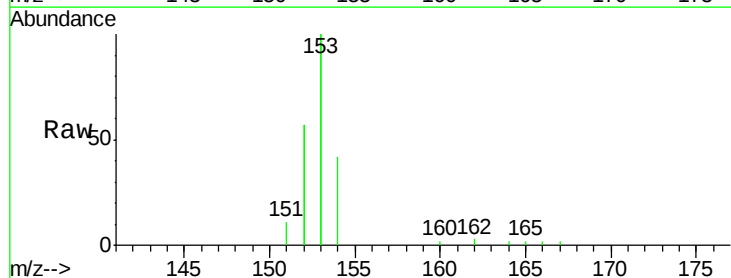
RT: 14.27 min Scan# 1944

Delta R.T. -0.00 min

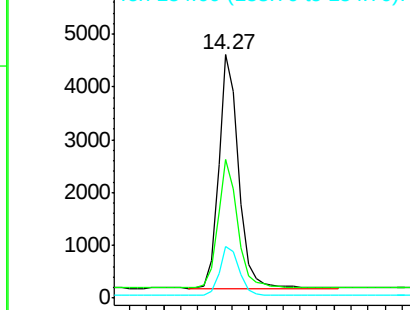
Lab File: BE090180.D

Acq: 20 Jul 2015 18:12

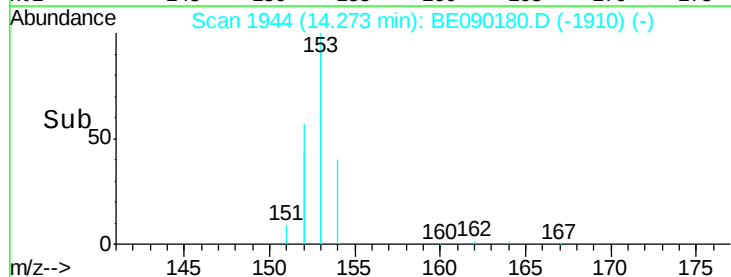
Tgt Ion:	153	Resp:	7120
Ion	Ratio	Lower	Upper
153	100		
152	57.0	43.8	65.8
154	21.0	16.8	25.2

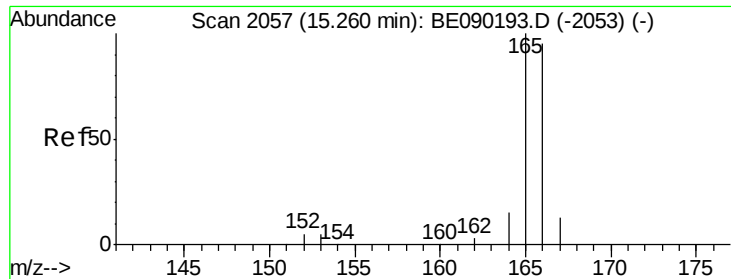


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.20 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BE090180.D

Acq: 20 Jul 2015 18:12

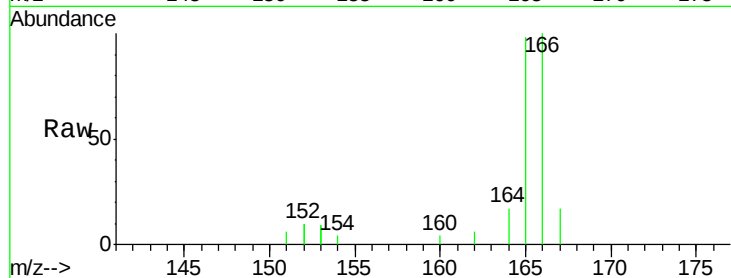
Tgt Ion:166 Resp: 2082

Ion Ratio Lower Upper

166 100

165 97.8 81.2 121.8

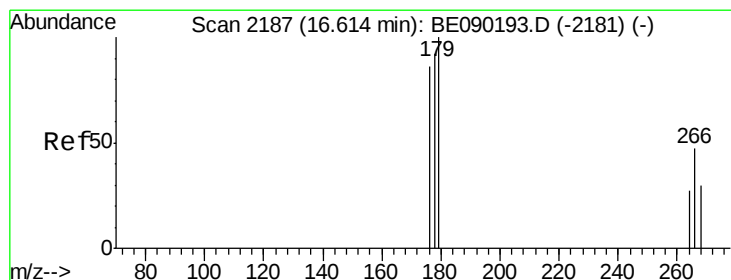
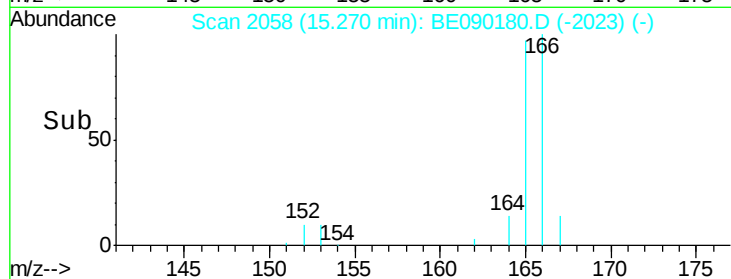
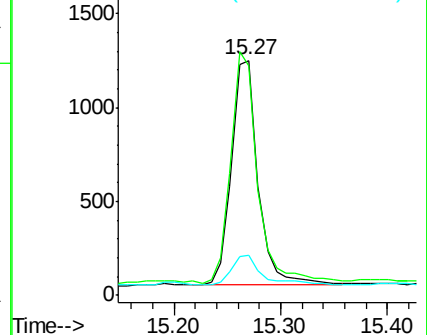
167 17.3 12.6 19.0



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



#11

Pentachlorophenol

Concen: 0.19 ng/ul

RT: 16.61 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BE090180.D

Acq: 20 Jul 2015 18:12

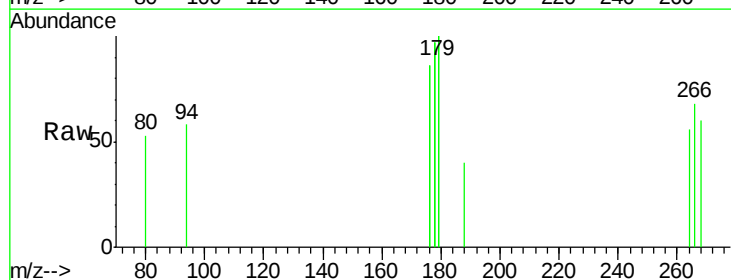
Tgt Ion:266 Resp: 116

Ion Ratio Lower Upper

266 100

264 54.3 47.7 71.5

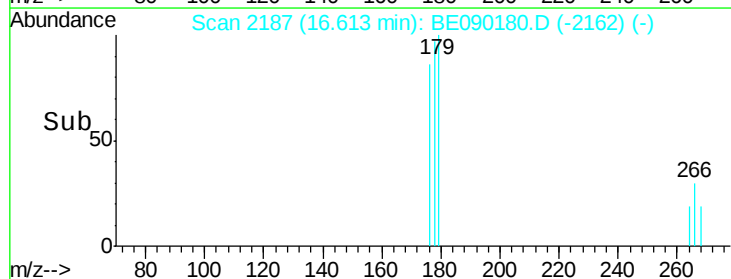
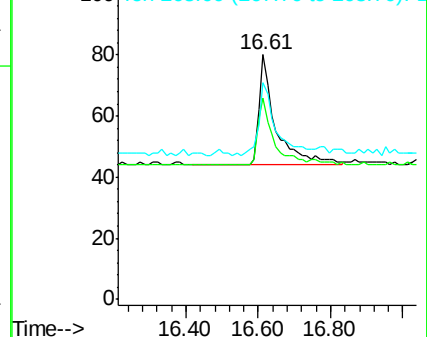
268 68.1 47.0 70.6

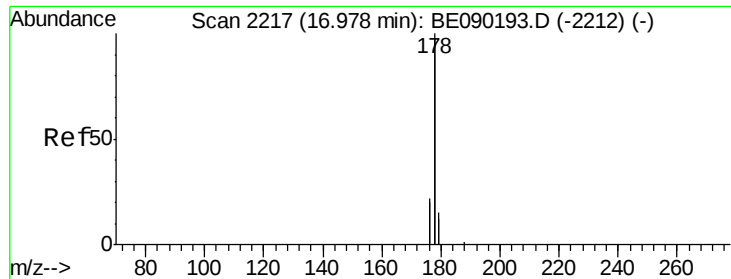


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.19 ng/ul

RT: 16.99 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BE090180.D

Acq: 20 Jul 2015 18:12

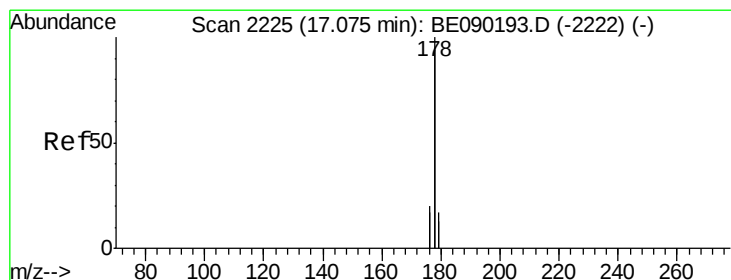
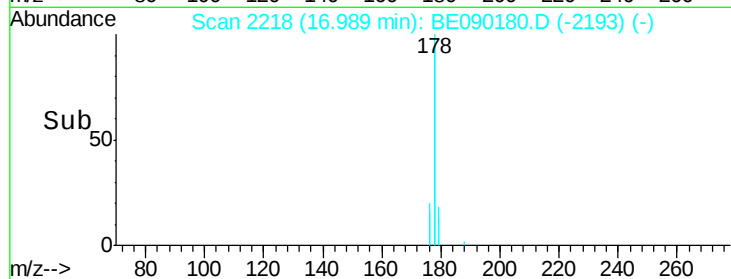
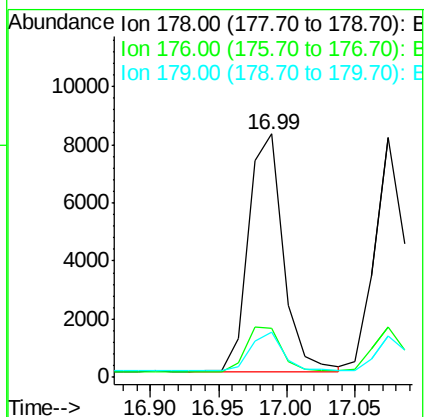
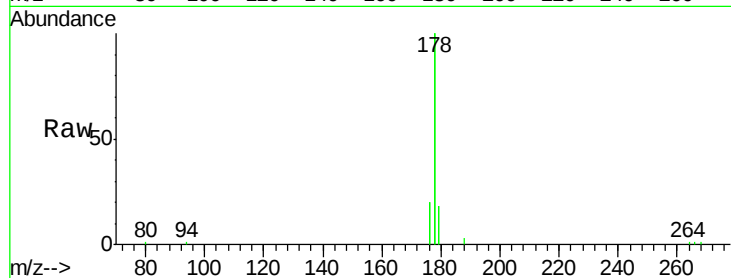
Tgt Ion:178 Resp: 14313

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

179 18.4 14.0 21.0



#13

Anthracene

Concen: 0.18 ng/ul

RT: 17.07 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BE090180.D

Acq: 20 Jul 2015 18:12

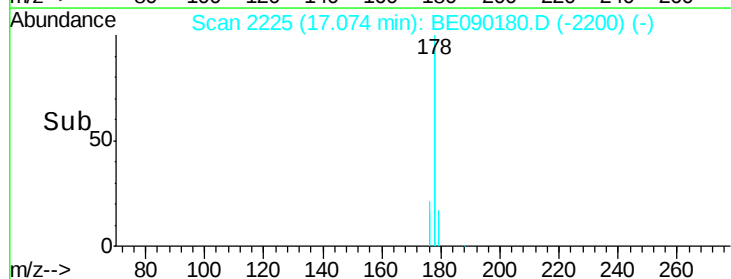
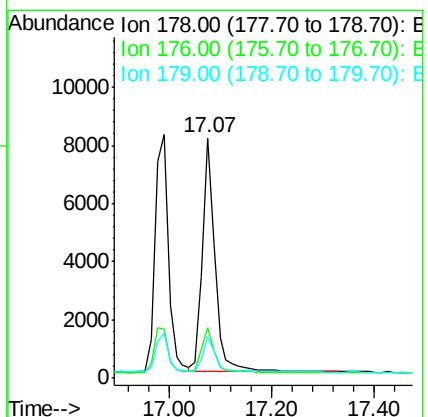
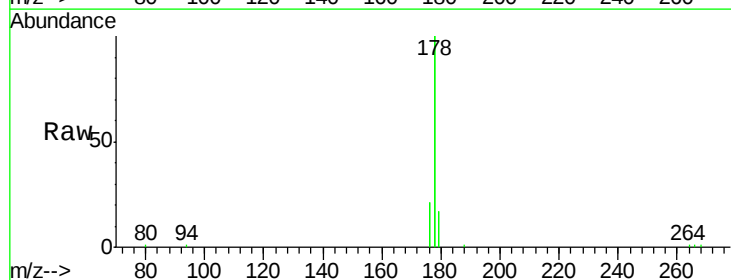
Tgt Ion:178 Resp: 13676

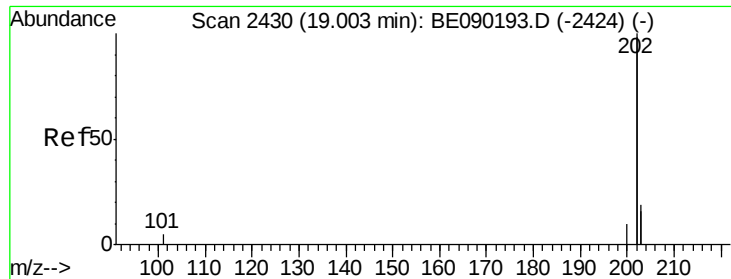
Ion Ratio Lower Upper

178 100

176 20.9 16.0 24.0

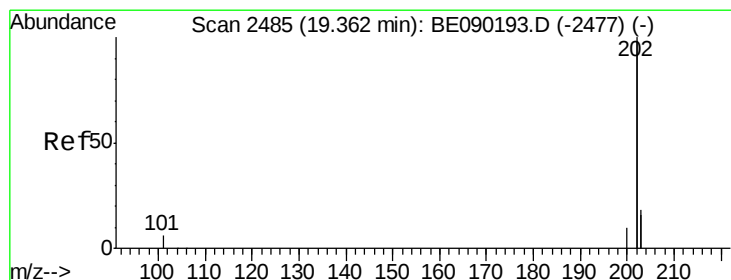
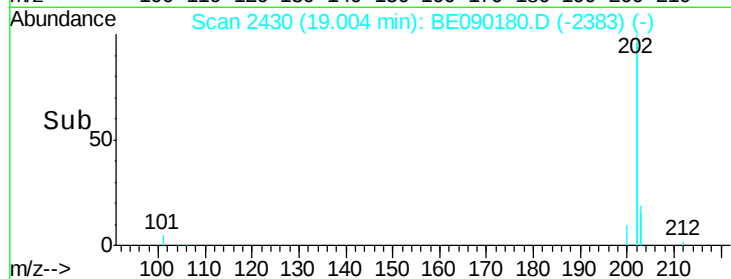
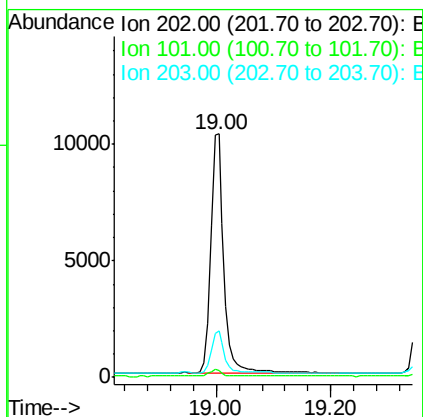
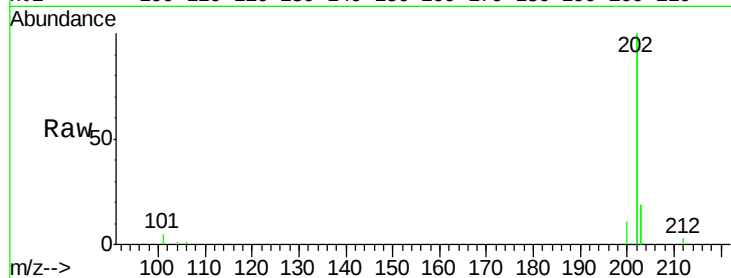
179 17.4 13.4 20.0





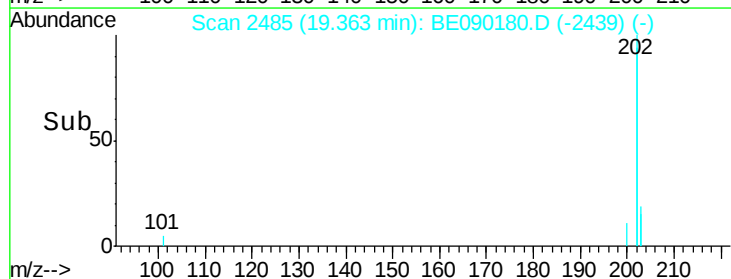
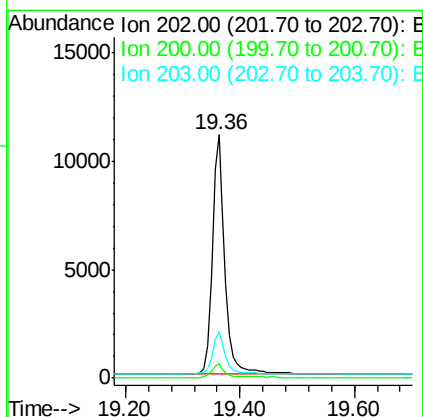
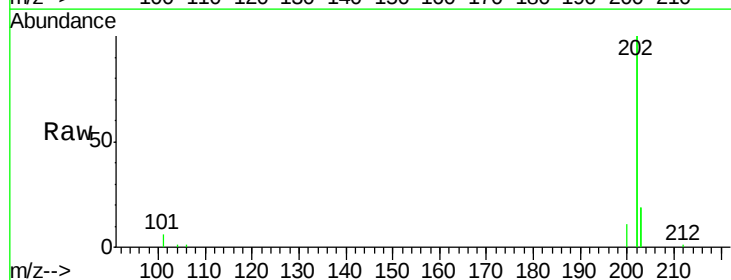
#15
Fluoranthene
 Concen: 0.20 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BE090180.D
 Acq: 20 Jul 2015 18:12

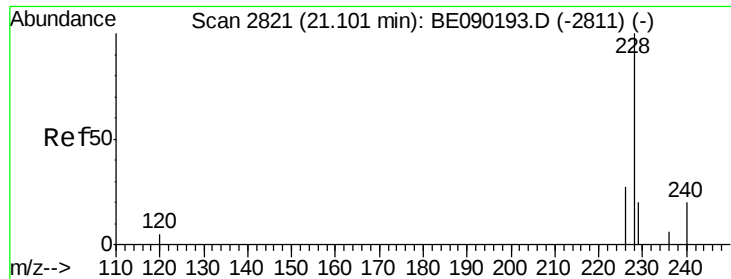
Tgt Ion	Ratio	Lower	Upper
202	100		
101	2.7	0.0	23.0
203	19.0	0.0	37.0



#17
Pyrene
 Concen: 0.19 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BE090180.D
 Acq: 20 Jul 2015 18:12

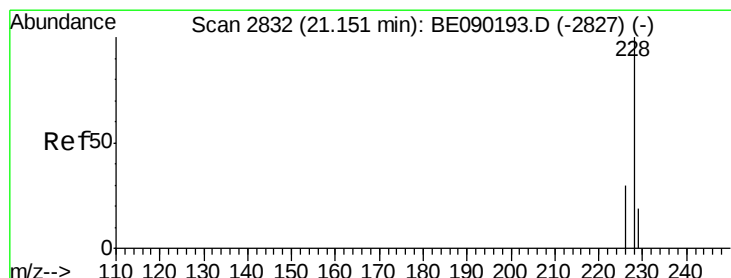
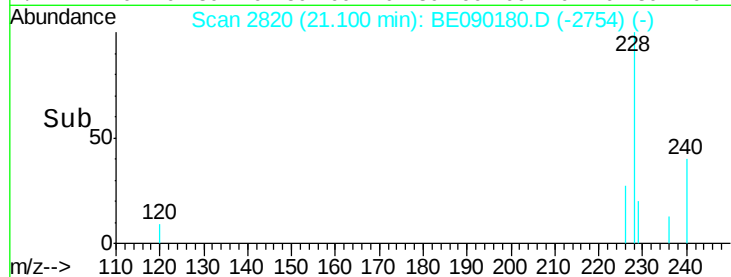
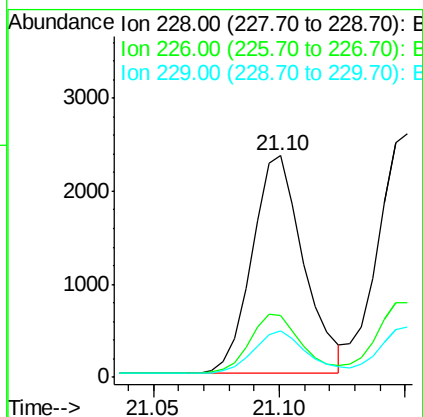
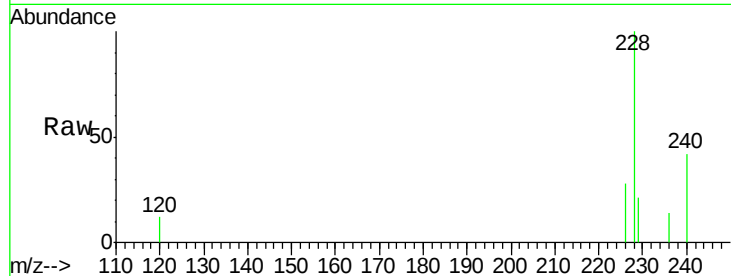
Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.7	4.3	6.5
203	19.0	14.6	21.8





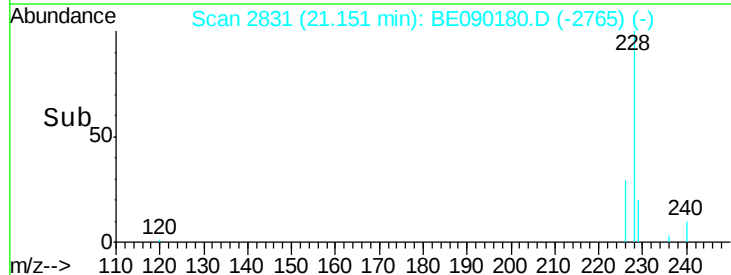
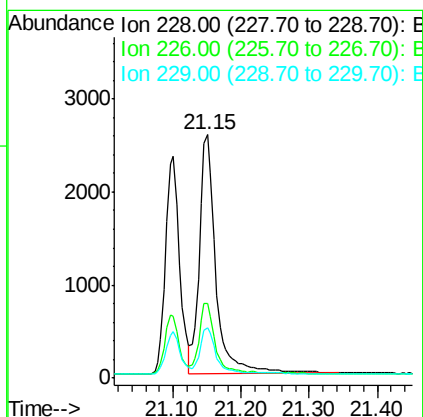
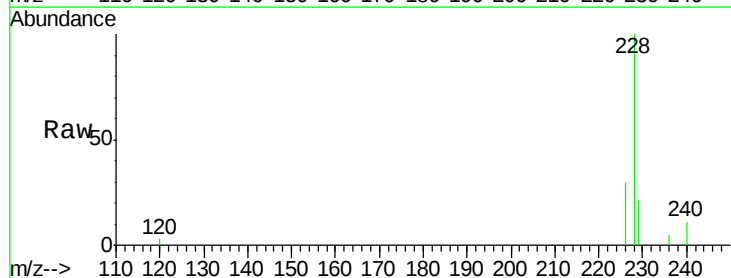
#18
Benzo(a)anthracene
Concen: 0.18 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090180.D
Acq: 20 Jul 2015 18:12

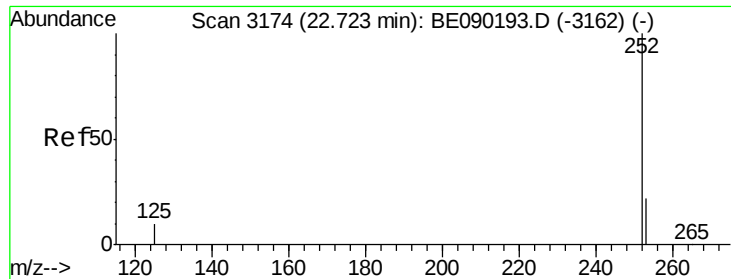
Tgt Ion:228 Resp: 3305
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.4
229 21.1 16.9 25.3



#19
Chrysene
Concen: 0.19 ng/ul
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090180.D
Acq: 20 Jul 2015 18:12

Tgt Ion:228 Resp: 4278
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.9 16.6 24.8





#21

Benzo(b)fluoranthene

Concen: 0.18 ng/ul

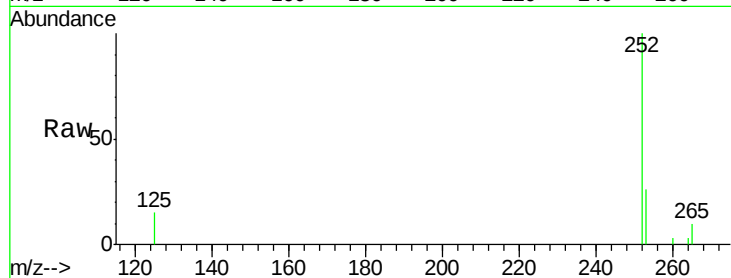
RT: 22.72 min Scan# 3173

Delta R.T. 0.00 min

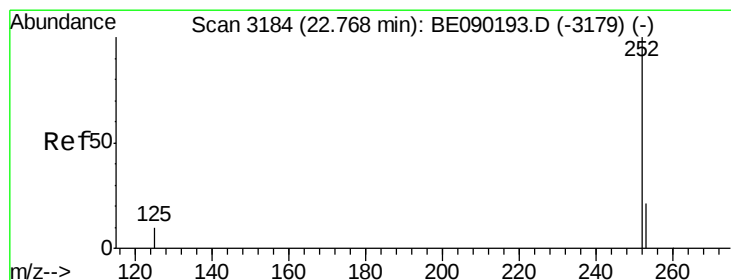
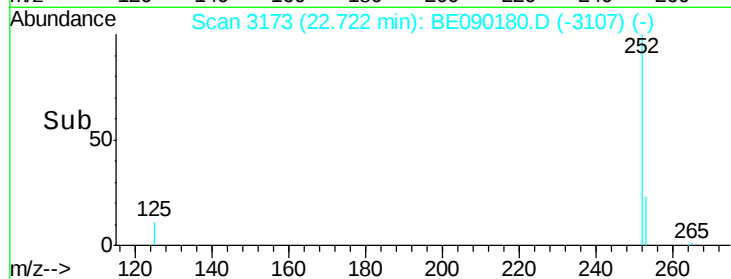
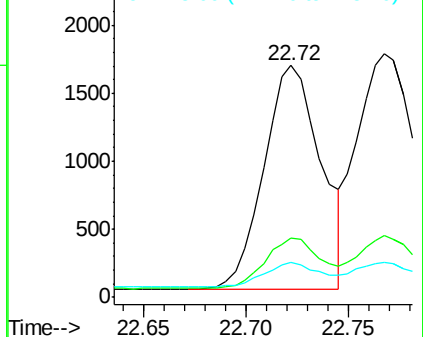
Lab File: BE090180.D

Acq: 20 Jul 2015 18:12

Tgt Ion:	252	Resp:	3176
Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	46.8
125	14.9	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: 0.17 ng/ul

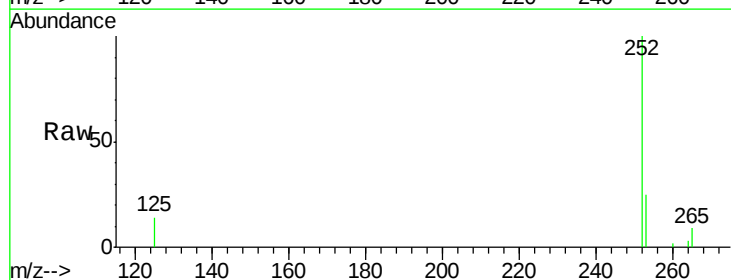
RT: 22.77 min Scan# 3183

Delta R.T. 0.00 min

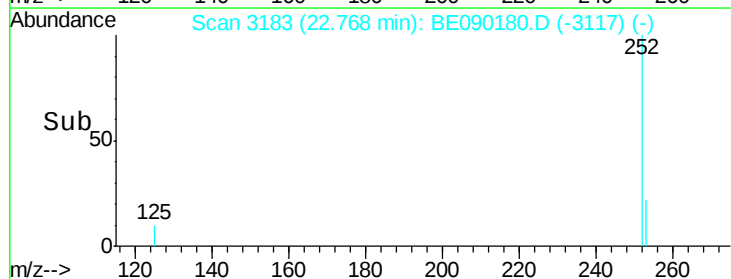
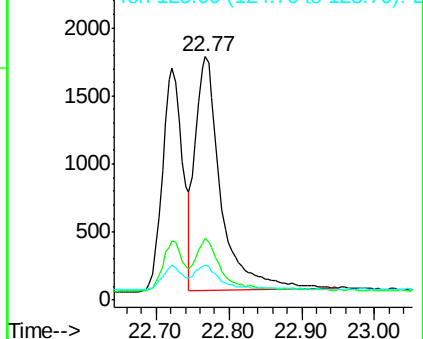
Lab File: BE090180.D

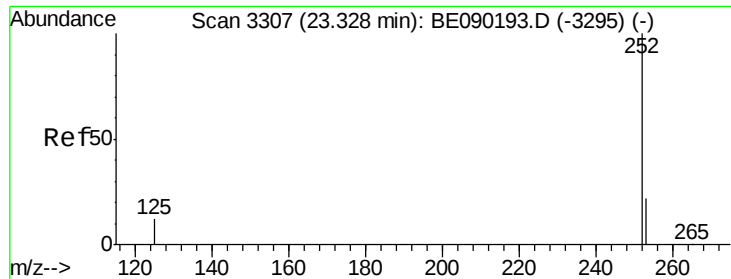
Acq: 20 Jul 2015 18:12

Tgt Ion:	252	Resp:	4176
Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.3	27.5
125	14.1	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: 0.17 ng/ul

RT: 23.32 min Scan# 3305

Delta R.T. 0.00 min

Lab File: BE090180.D

Acq: 20 Jul 2015 18:12

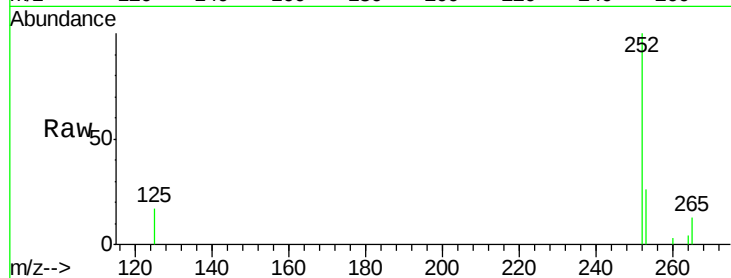
Tgt Ion: 252 Resp: 3135

Ion Ratio Lower Upper

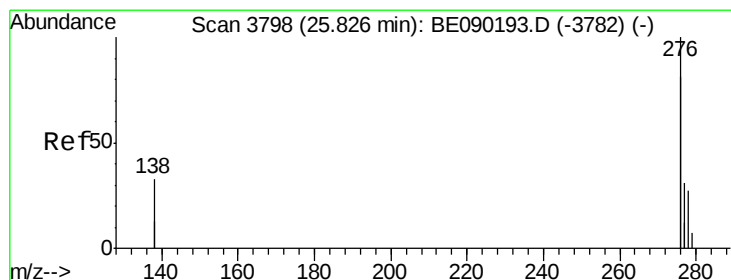
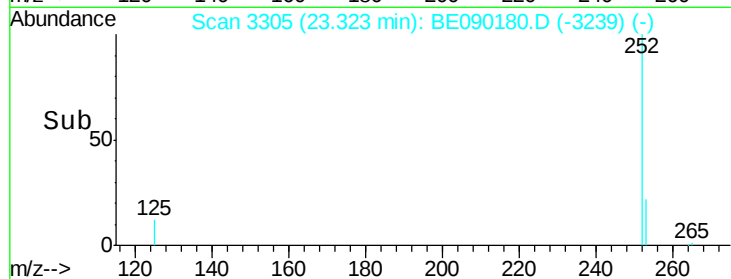
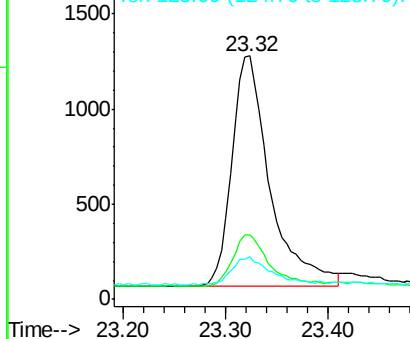
252 100

253 26.4 18.4 27.6

125 17.3 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: 0.19 ng/ul

RT: 25.83 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BE090180.D

Acq: 20 Jul 2015 18:12

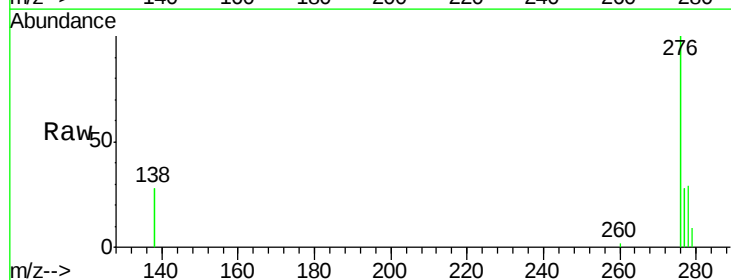
Tgt Ion: 276 Resp: 15481

Ion Ratio Lower Upper

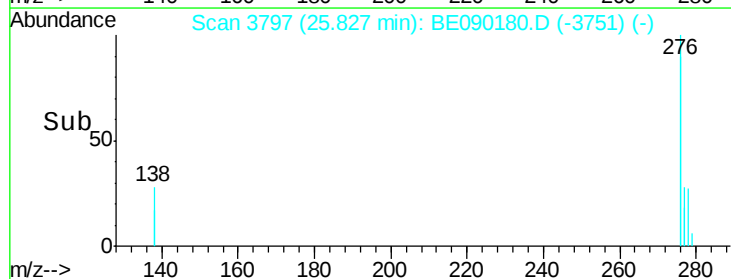
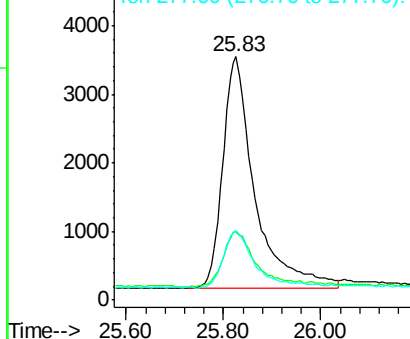
276 100

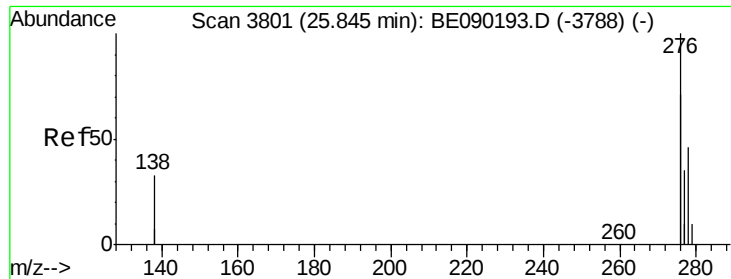
138 24.1 19.8 29.8

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

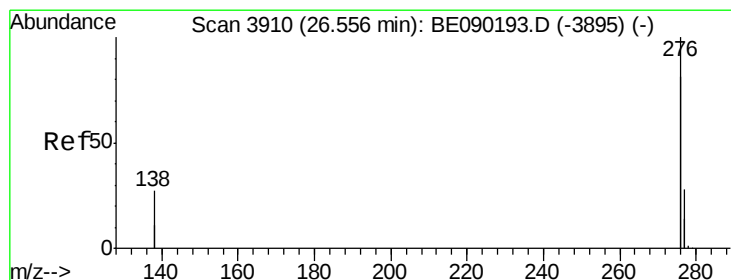
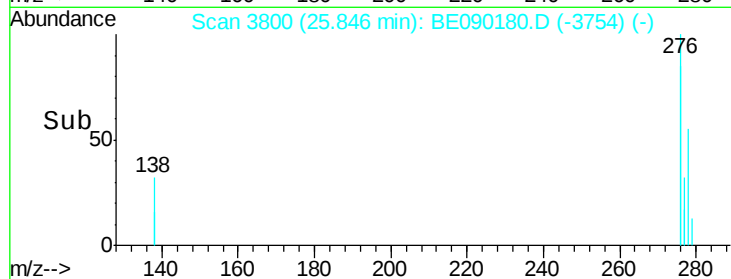
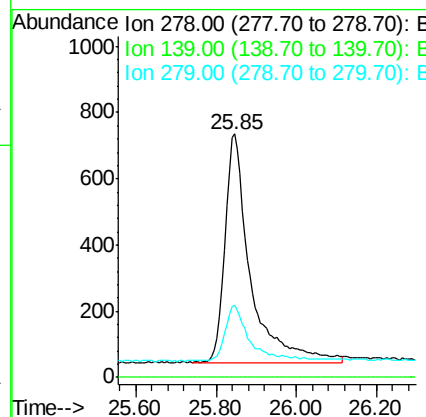
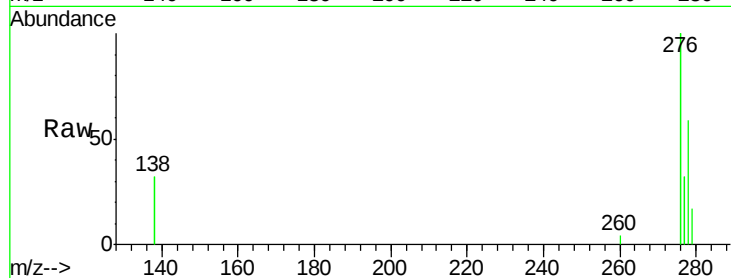




#25
Dibenzo(a,h)anthracene
Concen: 0.20 ng/ul
RT: 25.85 min Scan# 3800
Delta R.T. 0.00 min
Lab File: BE090180.D
Acq: 20 Jul 2015 18:12

Tgt Ion: 278 Resp: 3106

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	29.6	20.0	30.0



#26
Benzo(g,h,i)perylene
Concen: 0.19 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BE090180.D
Acq: 20 Jul 2015 18:12

Tgt Ion: 276 Resp: 14111

Ion	Ratio	Lower	Upper
276	100		
277	27.6	20.6	31.0
138	26.4	19.3	28.9

