

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090182.D
 Acq On : 20 Jul 2015 19:26
 Operator : TP/IZ
 Sample : SST0.813
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 21 03:11:18 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	896	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4296	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2415	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6304	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	7383	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	6162	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	5504	0.79	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	15672	0.84	ng/ul	0.00

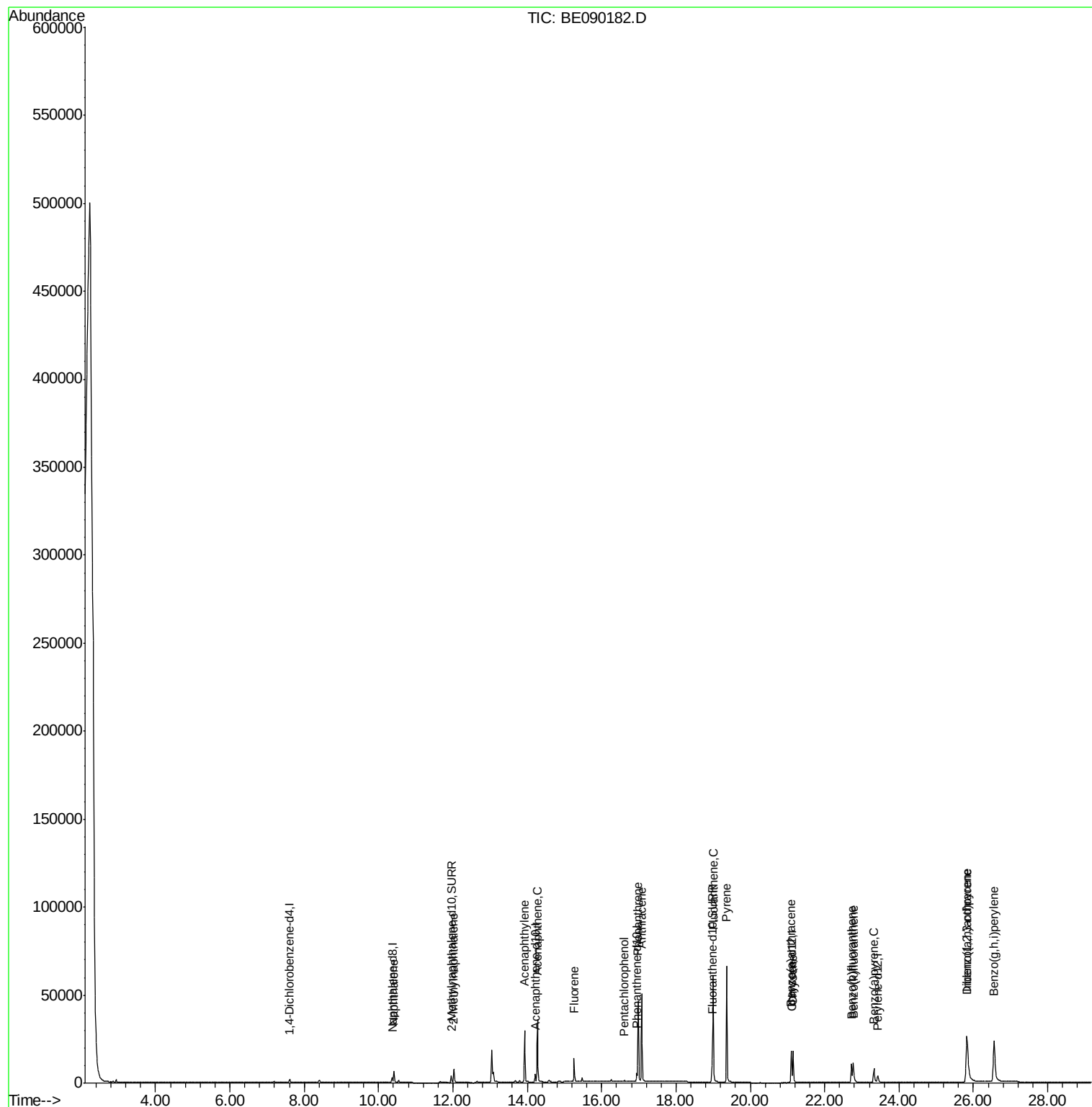
Target Compounds

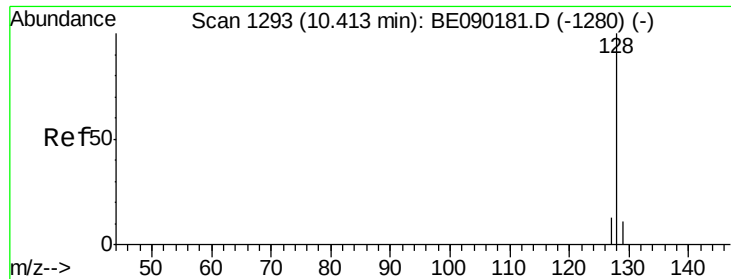
						Qvalue
3) Naphthalene	10.41	128	9102	0.77	ng/ul	97
5) 2-Methylnaphthalene	12.03	142	6159	0.79	ng/ul	100
7) Acenaphthylene	13.93	152	40774	0.80	ng/ul	99
8) Acenaphthene	14.27	153	29355	0.81	ng/ul	98
9) Fluorene	15.26	166	8625	0.81	ng/ul	98
11) Pentachlorophenol	16.61	266	496	0.81	ng/ul	95
12) Phenanthrene	16.98	178	57806	0.75	ng/ul	93
13) Anthracene	17.07	178	57215	0.76	ng/ul	98
15) Fluoranthene	19.00	202	70614	0.82	ng/ul	99
17) Pyrene	19.36	202	72157	0.71	ng/ul	99
18) Benzo(a)anthracene	21.10	228	15205	0.76	ng/ul	98
19) Chrysene	21.15	228	18165	0.73	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	14307	0.79	ng/ul	97
22) Benzo(k)fluoranthene	22.77	252	18677	0.73	ng/ul	99
23) Benzo(a)pyrene	23.32	252	14793	0.78	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.83	276	68546	0.84	ng/ul	100
25) Dibenzo(a,h)anthracene	25.85	278	13728	0.88	ng/ul	100
26) Benzo(g,h,i)perylene	26.56	276	61142	0.81	ng/ul	98

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

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#3

Naphthalene

Concen: 0.77 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BE090182.D

Acq: 20 Jul 2015 19:26

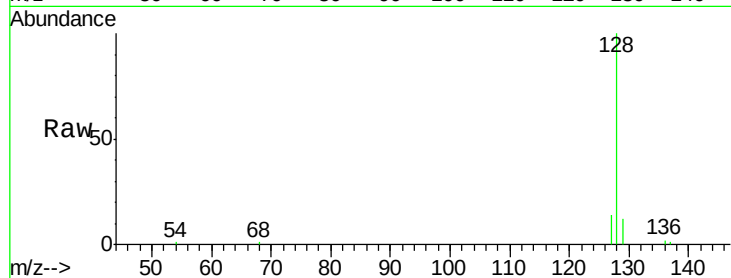
Tgt Ion:128 Resp: 9102

Ion Ratio Lower Upper

128 100

129 11.8 10.2 15.4

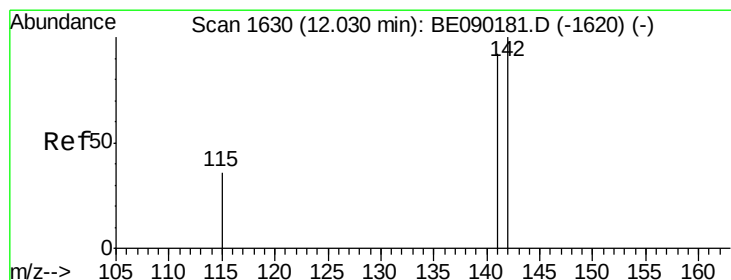
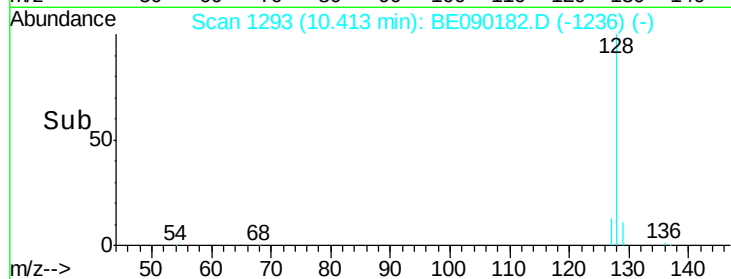
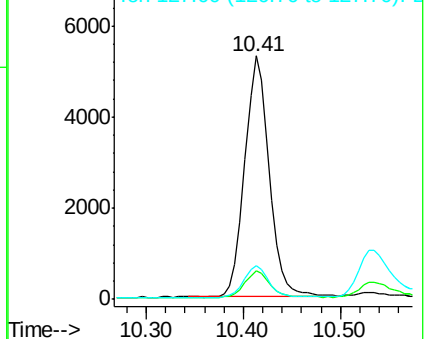
127 13.6 11.9 17.9



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: 0.79 ng/ul

RT: 12.03 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE090182.D

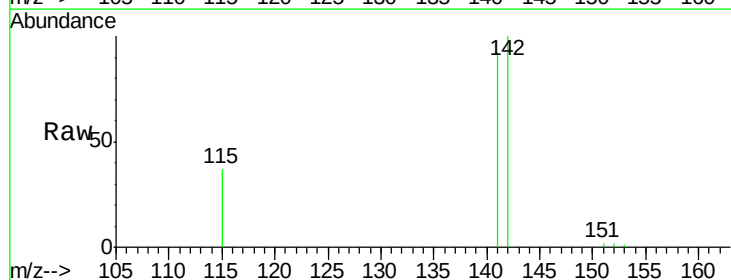
Acq: 20 Jul 2015 19:26

Tgt Ion:142 Resp: 6159

Ion Ratio Lower Upper

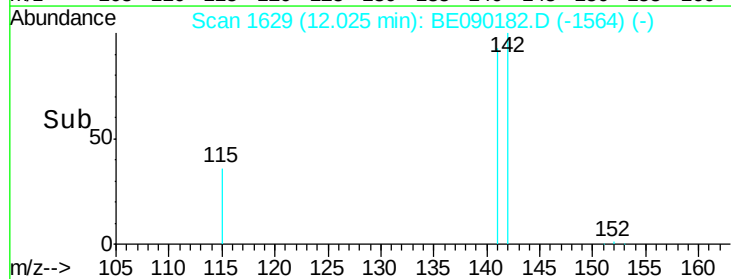
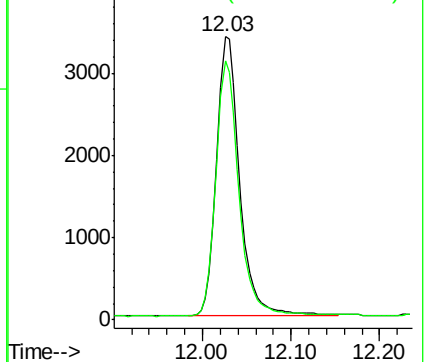
142 100

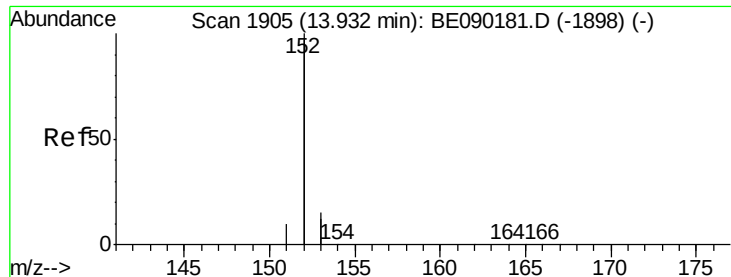
141 91.5 73.4 110.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.80 ng/ul

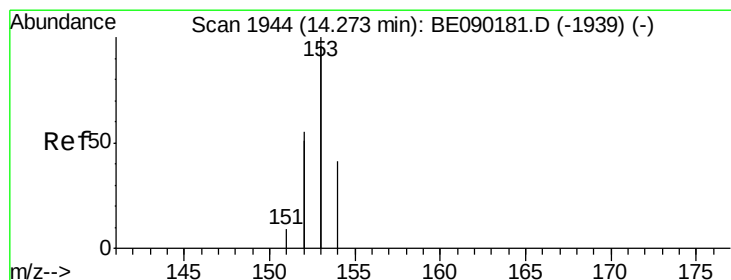
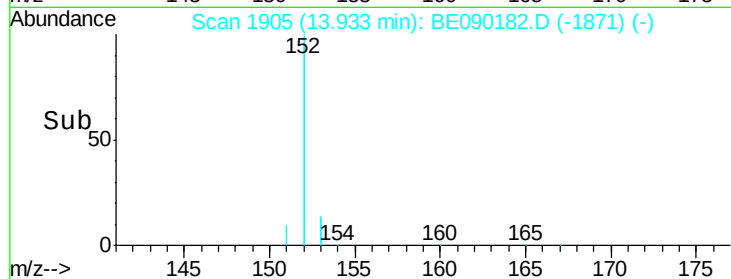
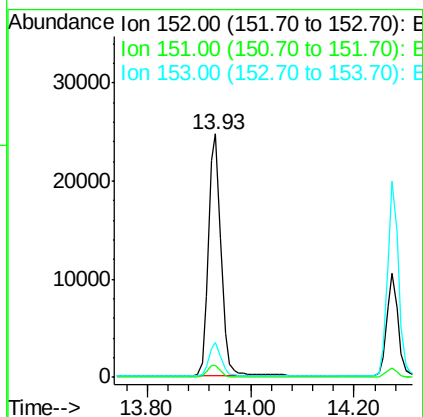
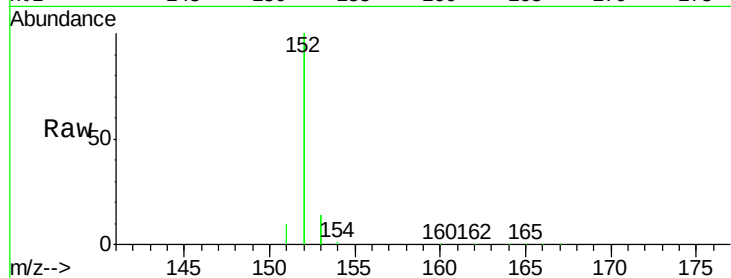
RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090182.D

Acq: 20 Jul 2015 19:26

Tgt Ion:	152	Resp:	40774
Ion	Ratio	Lower	Upper
152	100		
151	5.2	4.2	6.4
153	14.1	11.9	17.9



#8

Acenaphthene

Concen: 0.81 ng/ul

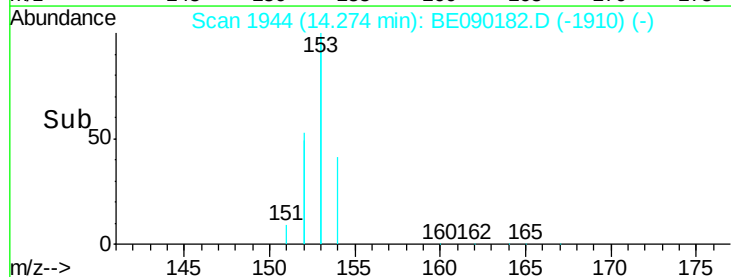
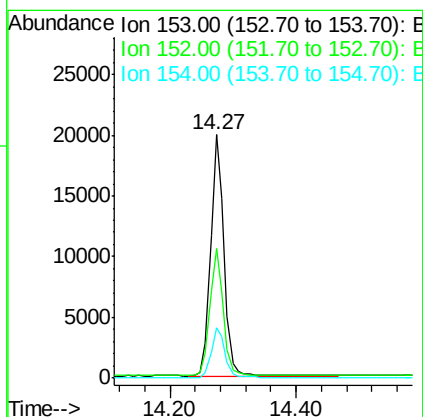
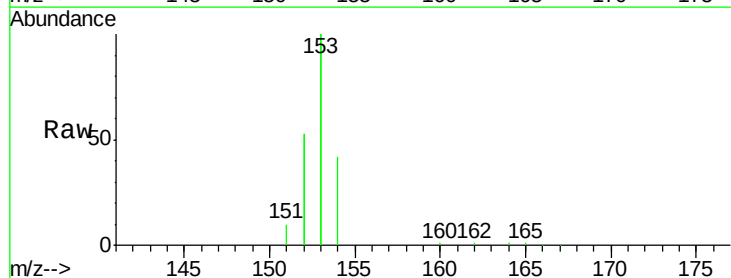
RT: 14.27 min Scan# 1944

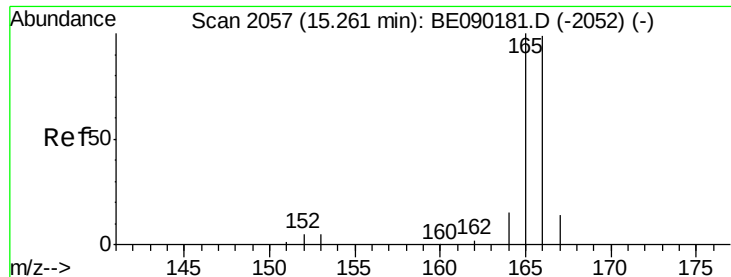
Delta R.T. 0.00 min

Lab File: BE090182.D

Acq: 20 Jul 2015 19:26

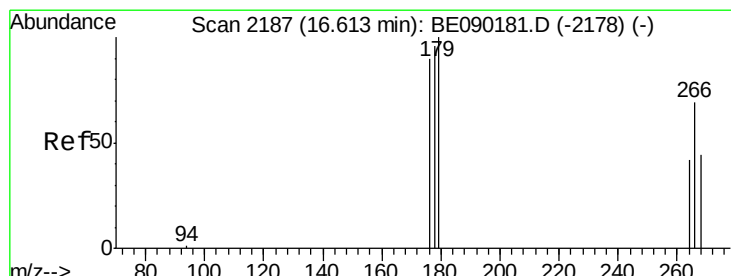
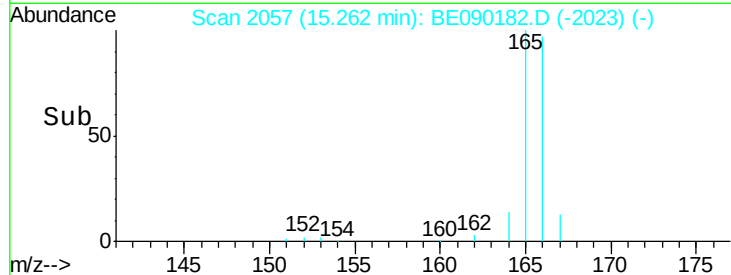
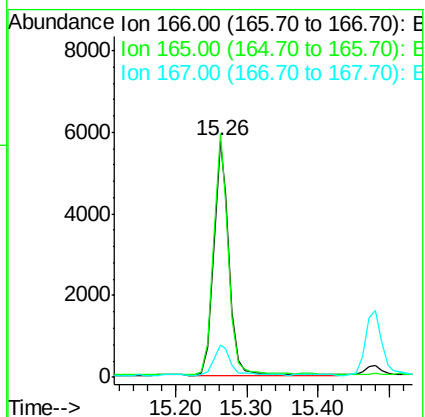
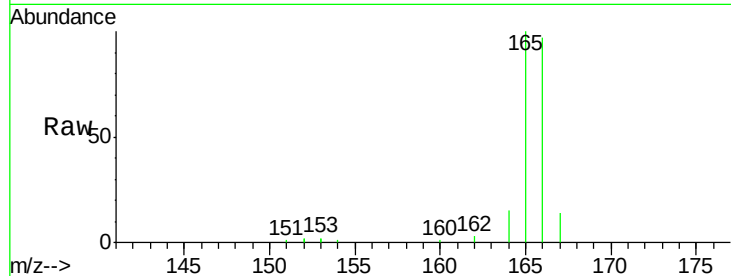
Tgt Ion:	153	Resp:	29355
Ion	Ratio	Lower	Upper
153	100		
152	53.1	43.8	65.8
154	20.9	16.8	25.2





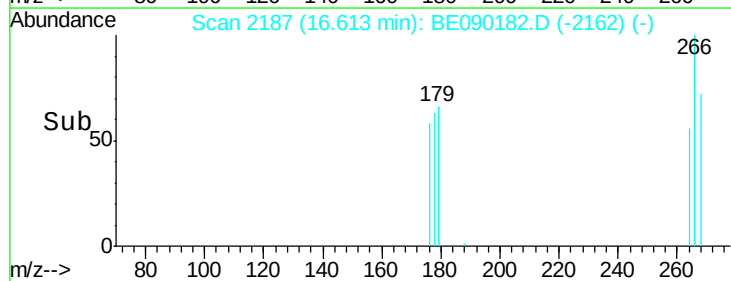
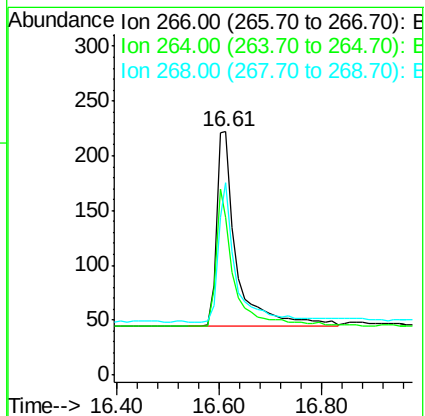
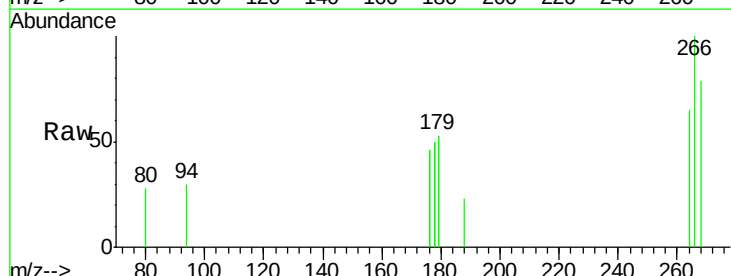
#9
Fluorene
 Concen: 0.81 ng/ul
 RT: 15.26 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BE090182.D
 Acq: 20 Jul 2015 19:26

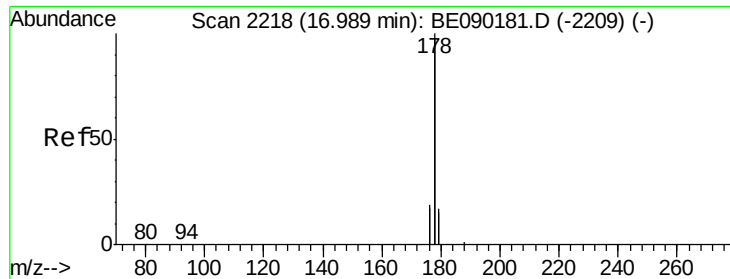
Tgt Ion:	166	Resp:	8625
Ion	Ratio	Lower	Upper
166	100		
165	103.0	81.2	121.8
167	13.9	12.6	19.0



#11
Pentachlorophenol
 Concen: 0.81 ng/ul
 RT: 16.61 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BE090182.D
 Acq: 20 Jul 2015 19:26

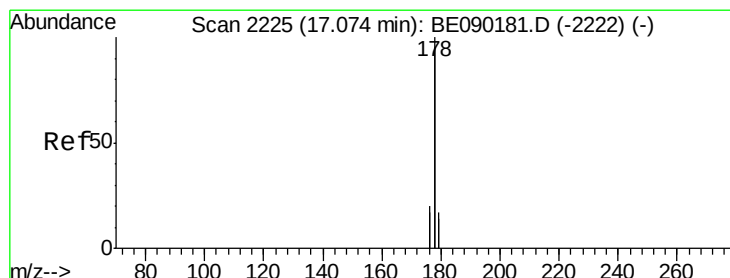
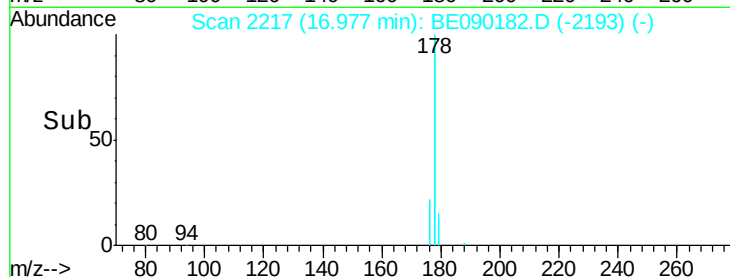
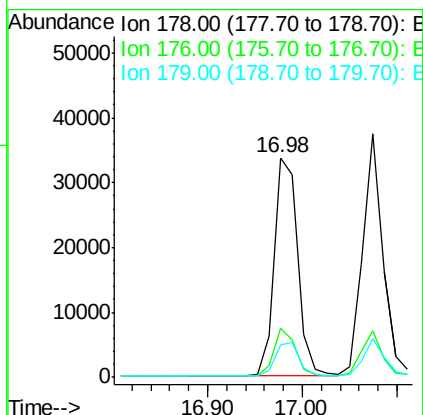
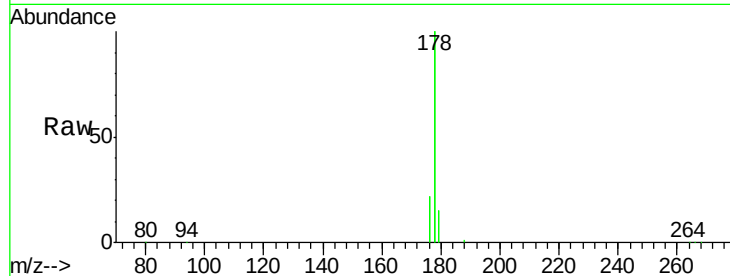
Tgt Ion:	266	Resp:	496
Ion	Ratio	Lower	Upper
266	100		
264	63.5	47.7	71.5
268	62.3	47.0	70.6





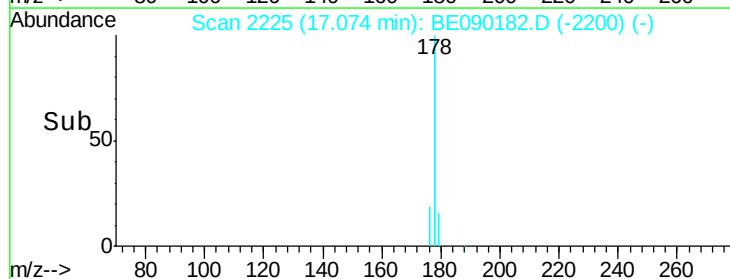
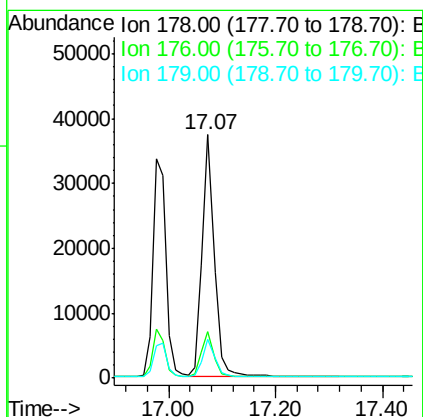
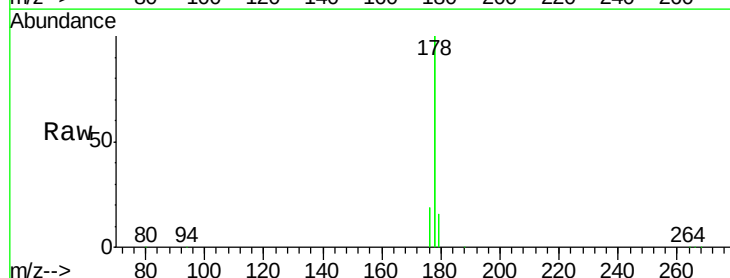
#12
Phenanthrene
Concen: 0.75 ng/ul
RT: 16.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BE090182.D
Acq: 20 Jul 2015 19:26

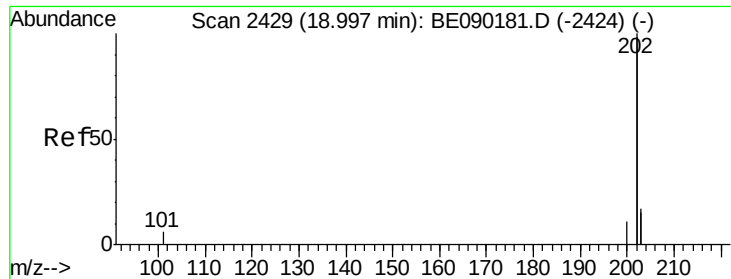
Tgt Ion:178 Resp: 57806
Ion Ratio Lower Upper
178 100
176 22.3 15.3 22.9
179 14.6 14.0 21.0



#13
Anthracene
Concen: 0.76 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BE090182.D
Acq: 20 Jul 2015 19:26

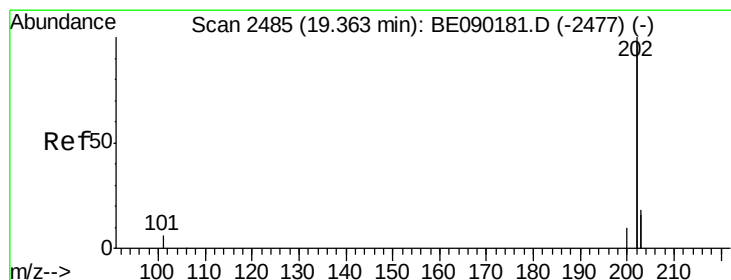
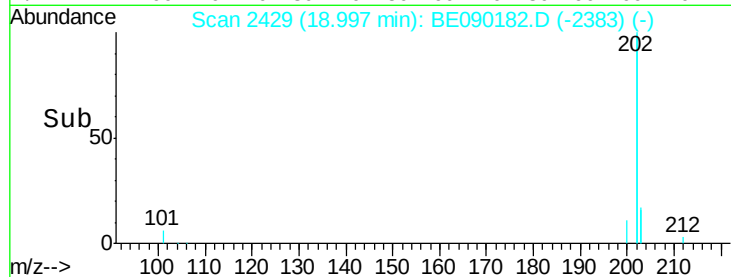
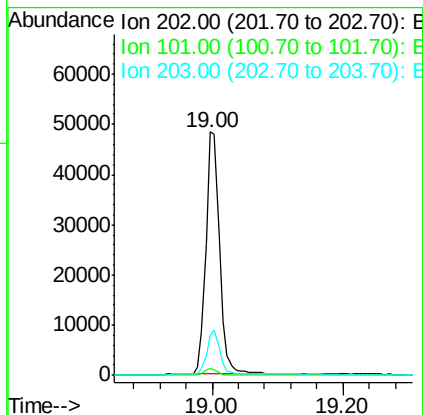
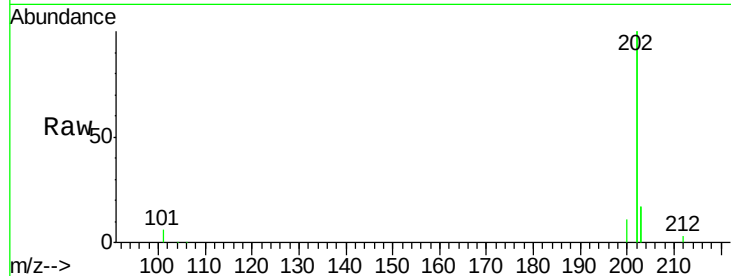
Tgt Ion:178 Resp: 57215
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.9 13.4 20.0





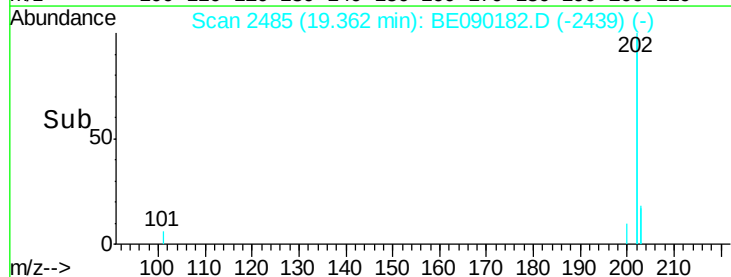
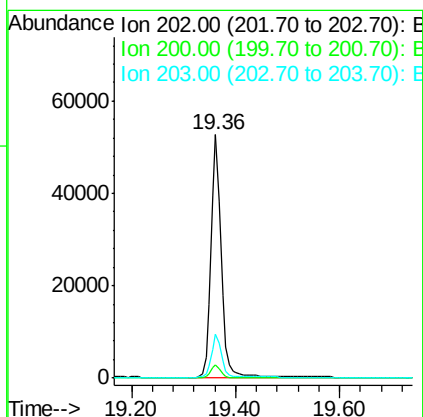
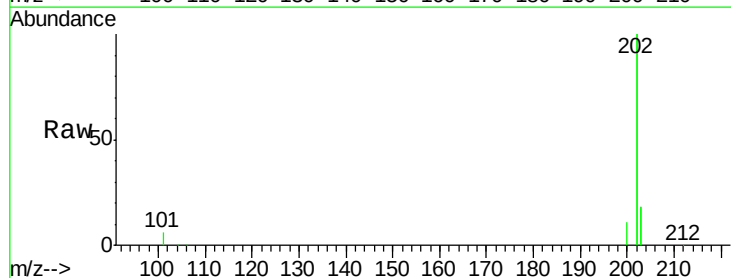
#15
Fluoranthene
Concen: 0.82 ng/ul
RT: 19.00 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BE090182.D
Acq: 20 Jul 2015 19:26

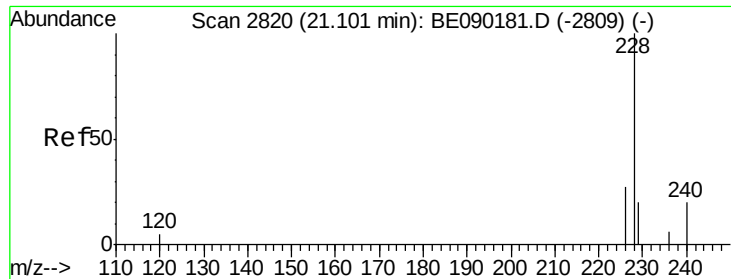
Tgt Ion:202 Resp: 70614
Ion Ratio Lower Upper
202 100
101 3.0 0.0 23.0
203 16.6 0.0 37.0



#17
Pyrene
Concen: 0.71 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090182.D
Acq: 20 Jul 2015 19:26

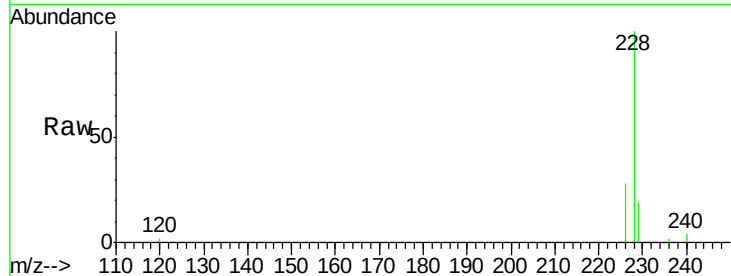
Tgt Ion:202 Resp: 72157
Ion Ratio Lower Upper
202 100
200 5.3 4.3 6.5
203 17.9 14.6 21.8



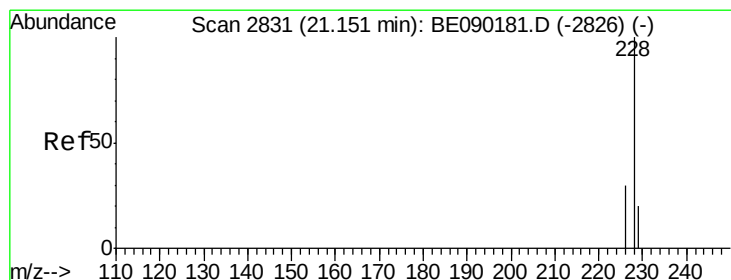
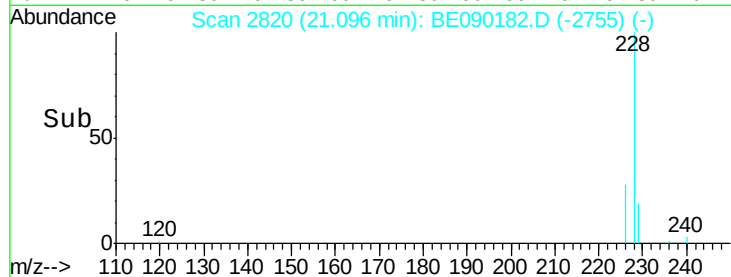
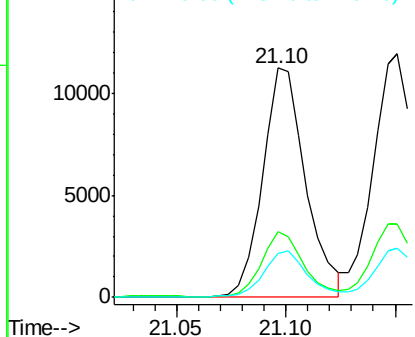


#18
Benzo(a)anthracene
Concen: 0.76 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090182.D
Acq: 20 Jul 2015 19:26

Tgt Ion:228 Resp: 15205
Ion Ratio Lower Upper
228 100
226 28.4 22.2 33.4
229 19.3 16.9 25.3

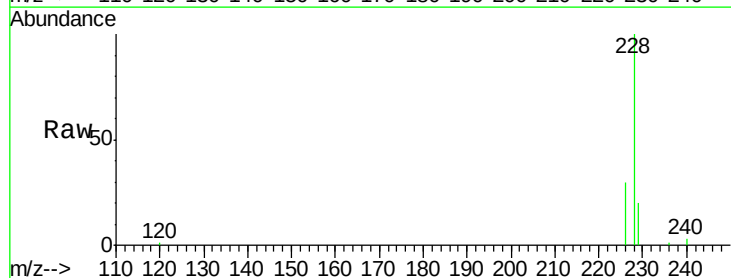


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

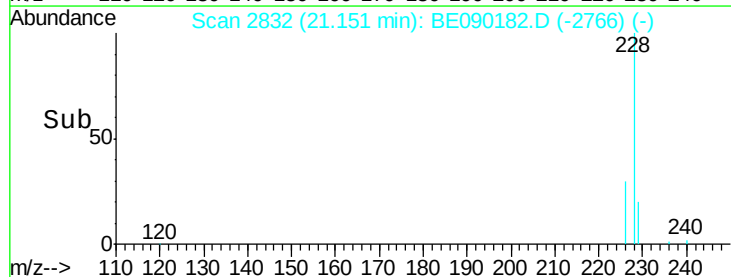
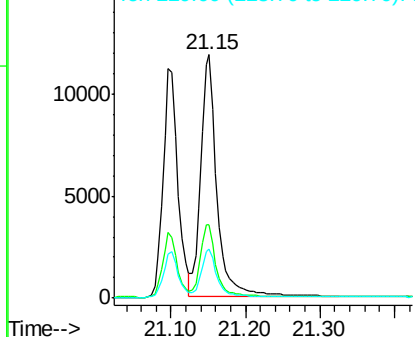


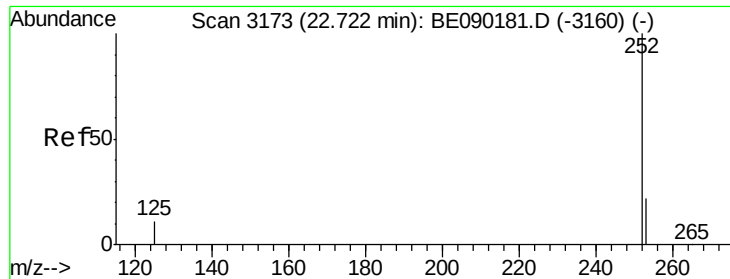
#19
Chrysene
Concen: 0.73 ng/ul
RT: 21.15 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE090182.D
Acq: 20 Jul 2015 19:26

Tgt Ion:228 Resp: 18165
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 20.4 16.6 24.8



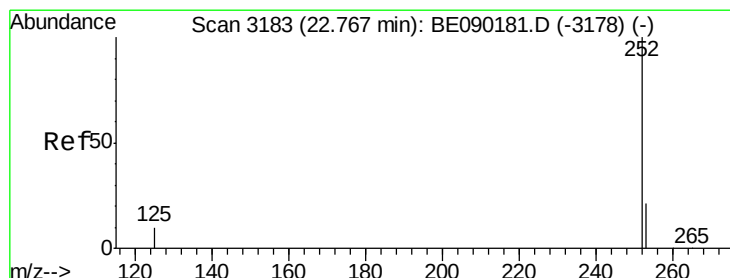
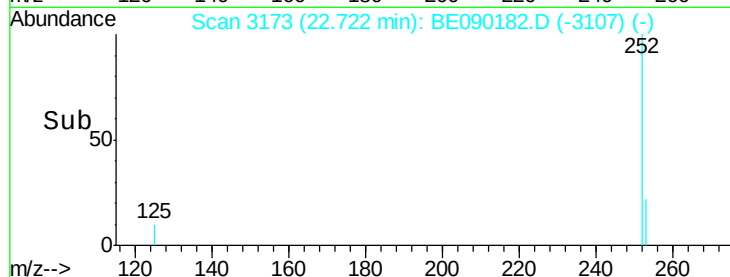
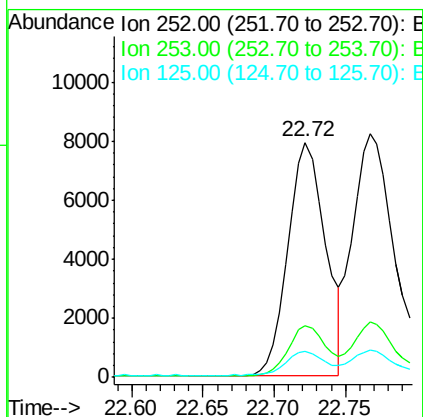
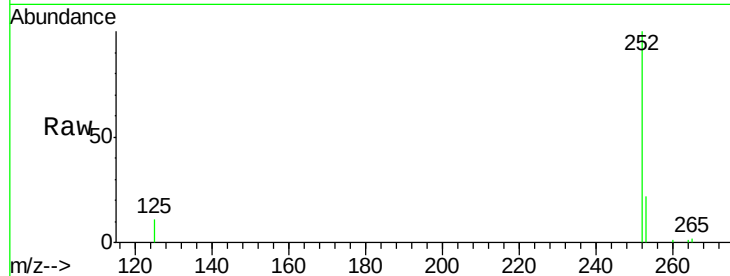
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





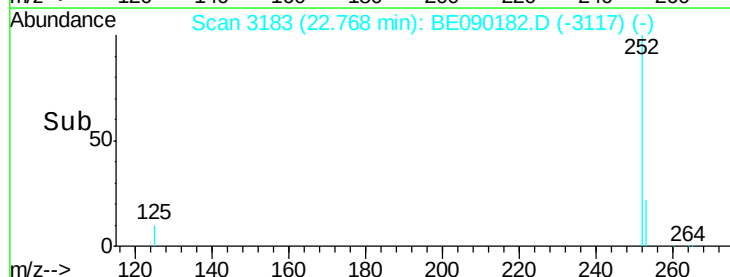
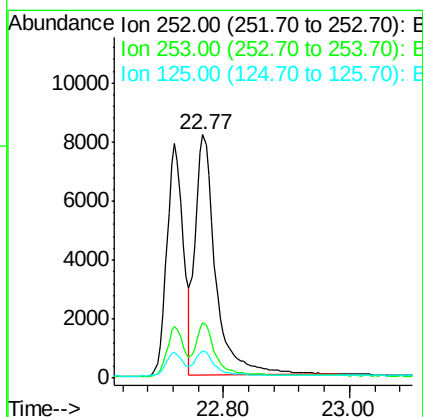
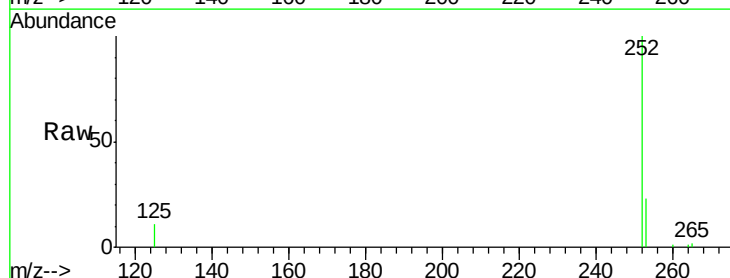
#21
Benzo(b)fluoranthene
Concen: 0.79 ng/ul
RT: 22.72 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE090182.D
Acq: 20 Jul 2015 19:26

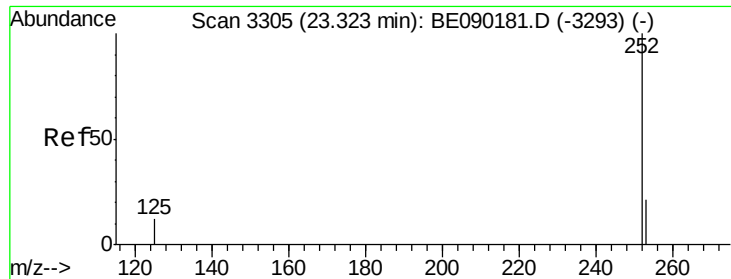
Tgt Ion: 252 Resp: 14307
Ion Ratio Lower Upper
252 100
253 22.2 0.0 46.8
125 11.3 0.0 25.4



#22
Benzo(k)fluoranthene
Concen: 0.73 ng/ul
RT: 22.77 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BE090182.D
Acq: 20 Jul 2015 19:26

Tgt Ion: 252 Resp: 18677
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 11.3 9.8 14.8





#23

Benzo(a)pyrene

Concen: 0.78 ng/ul

RT: 23.32 min Scan# 3305

Delta R.T. 0.00 min

Lab File: BE090182.D

Acq: 20 Jul 2015 19:26

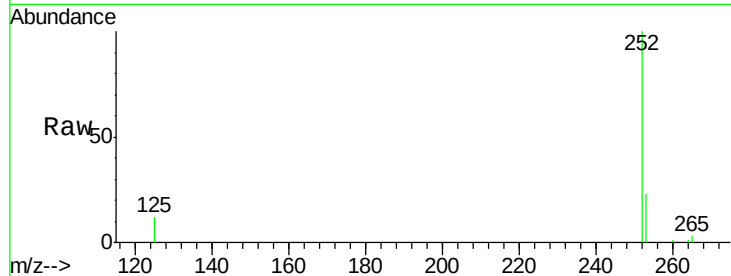
Tgt Ion: 252 Resp: 14793

Ion Ratio Lower Upper

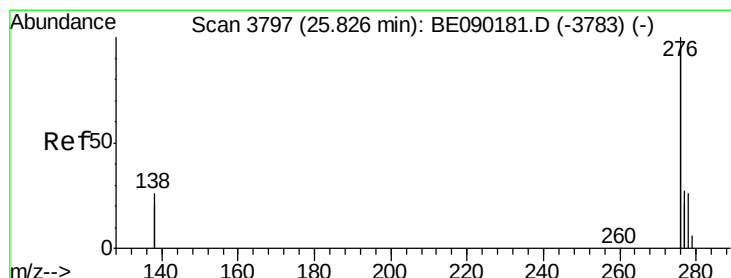
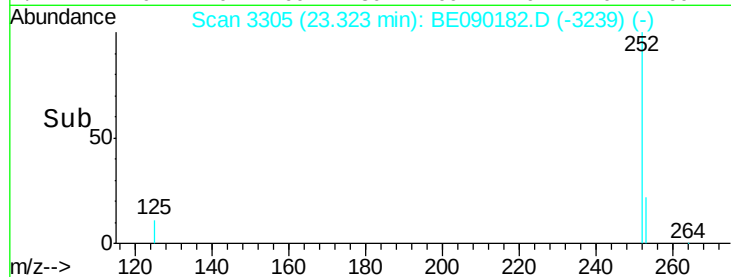
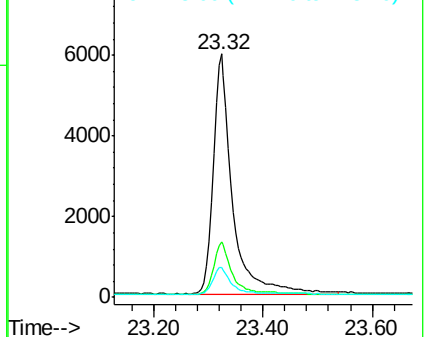
252 100

253 22.8 18.4 27.6

125 12.4 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: 0.84 ng/ul

RT: 25.83 min Scan# 3797

Delta R.T. -0.00 min

Lab File: BE090182.D

Acq: 20 Jul 2015 19:26

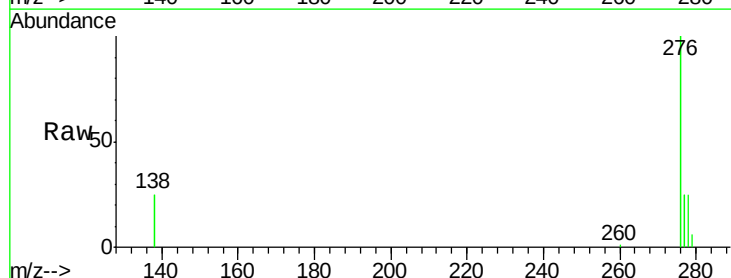
Tgt Ion: 276 Resp: 68546

Ion Ratio Lower Upper

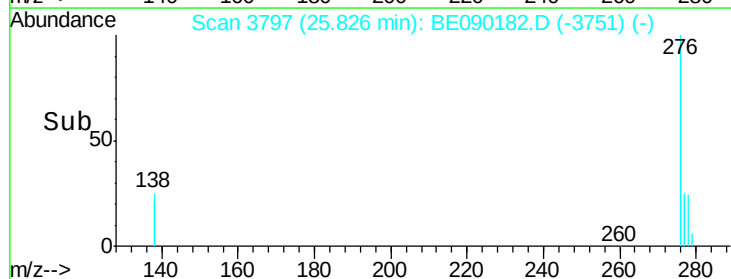
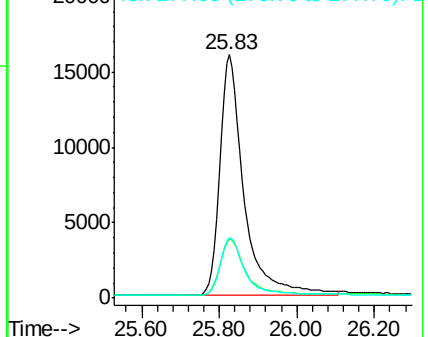
276 100

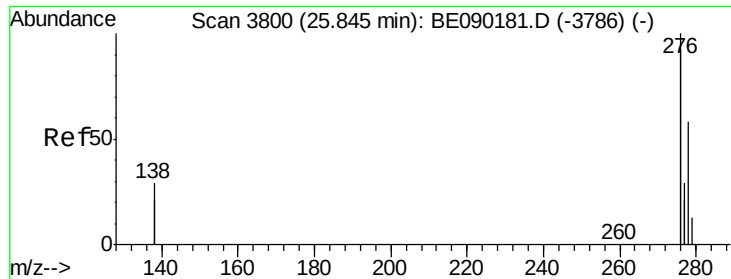
138 25.0 19.8 29.8

277 24.9 19.8 29.6



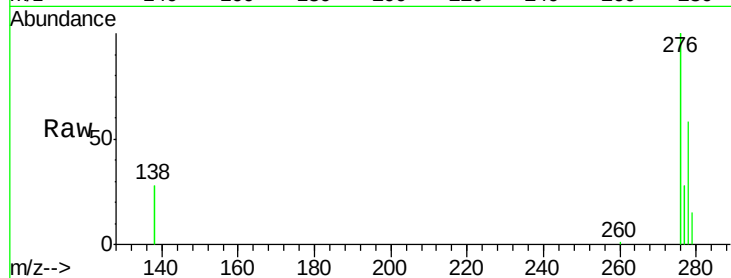
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



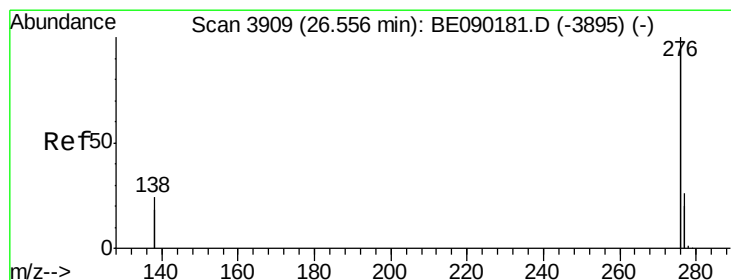
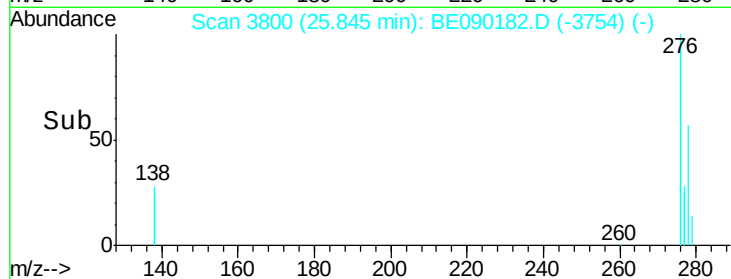
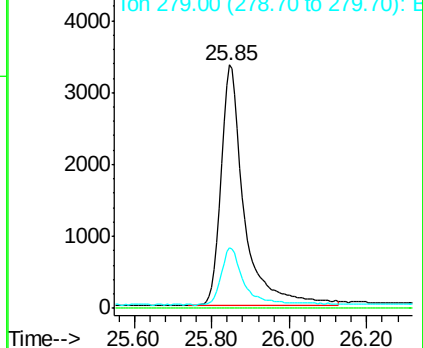


#25
Dibenzo(a,h)anthracene
Concen: 0.88 ng/ul
RT: 25.85 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BE090182.D
Acq: 20 Jul 2015 19:26

Tgt Ion: 278 Resp: 13728
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 25.0 20.0 30.0

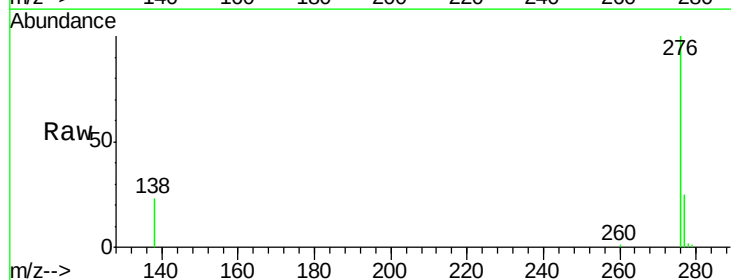


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.81 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BE090182.D
Acq: 20 Jul 2015 19:26

Tgt Ion: 276 Resp: 61142
Ion Ratio Lower Upper
276 100
277 24.7 20.6 31.0
138 22.8 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

