

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090183.D
 Acq On : 20 Jul 2015 20:02
 Operator : TP/IZ
 Sample : SSTD1.614
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 21 03:11:26 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	845	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4144	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2306	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5934	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	6981	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5641	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	10765	1.60	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	30268	1.72	ng/ul	0.00

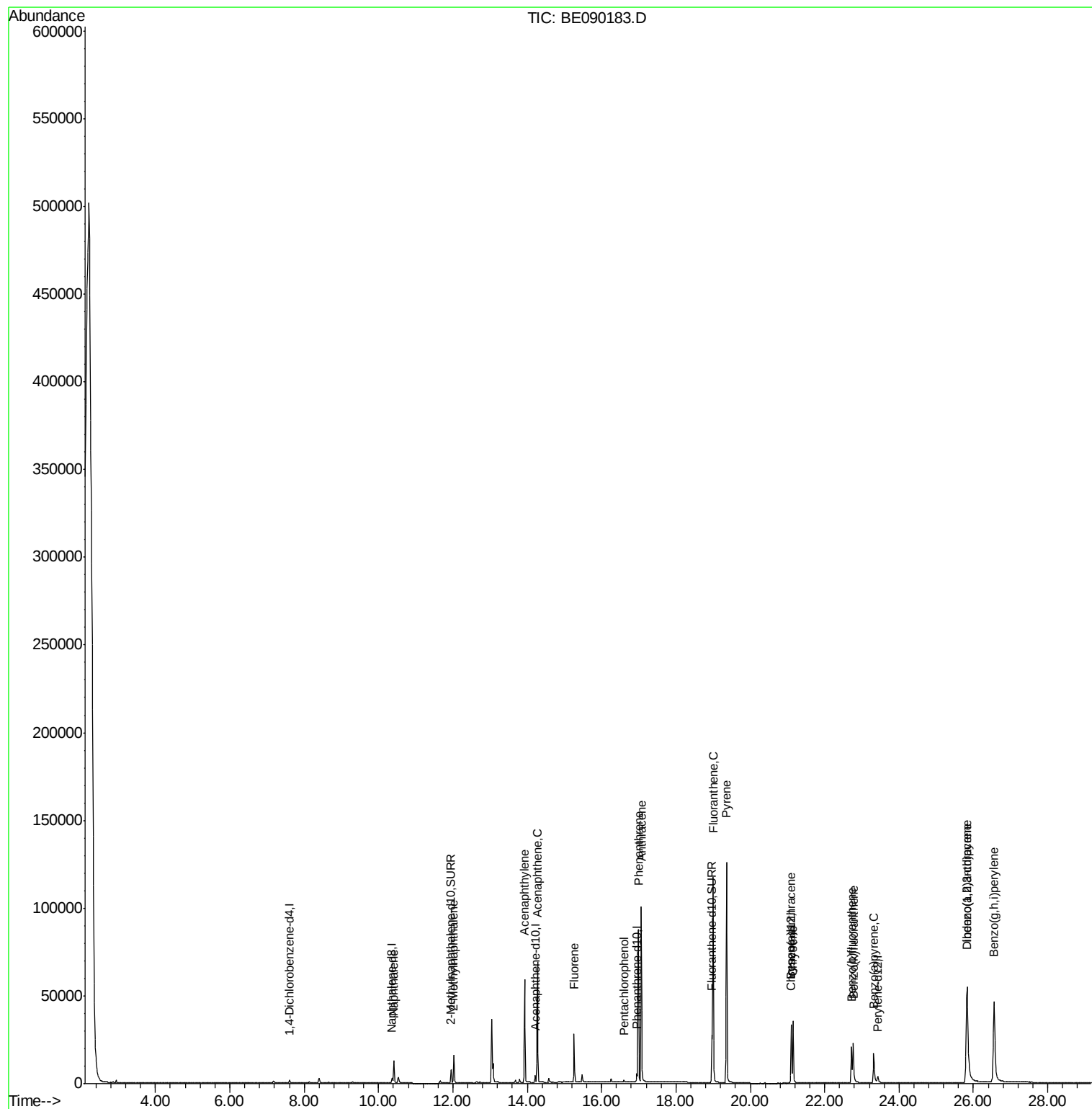
Target Compounds

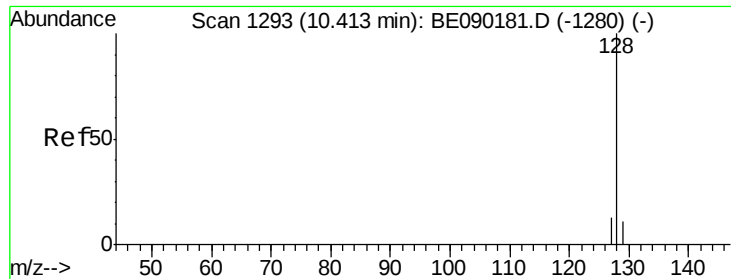
						Qvalue
3) Naphthalene	10.41	128	17375	1.52	ng/ul	96
5) 2-Methylnaphthalene	12.03	142	12068	1.59	ng/ul	98
7) Acenaphthylene	13.93	152	79261	1.62	ng/ul	97
8) Acenaphthene	14.27	153	57004	1.65	ng/ul	97
9) Fluorene	15.26	166	16765	1.66	ng/ul	99
11) Pentachlorophenol	16.60	266	995	1.73	ng/ul	93
12) Phenanthrene	16.99	178	111923	1.54	ng/ul	98
13) Anthracene	17.07	178	111198	1.57	ng/ul	98
15) Fluoranthene	19.00	202	135970	1.68	ng/ul	100
17) Pyrene	19.36	202	140065	1.45	ng/ul	99
18) Benzo(a)anthracene	21.10	228	30326	1.61	ng/ul	98
19) Chrysene	21.15	228	34580	1.47	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	27664	1.67	ng/ul	96
22) Benzo(k)fluoranthene	22.77	252	36724	1.56	ng/ul	97
23) Benzo(a)pyrene	23.32	252	28921	1.67	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.83	276	130373	1.75	ng/ul	100
25) Dibenzo(a,h)anthracene	25.85	278	26419	1.85	ng/ul	98
26) Benzo(g,h,i)perylene	26.56	276	116363	1.69	ng/ul	96

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

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#3

Naphthalene

Concen: 1.52 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BE090183.D

Acq: 20 Jul 2015 20:02

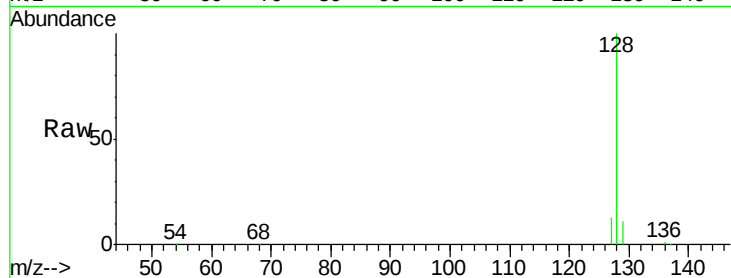
Tgt Ion:128 Resp: 17375

Ion Ratio Lower Upper

128 100

129 11.3 10.2 15.4

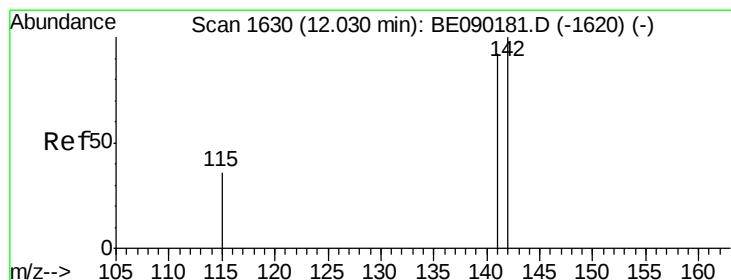
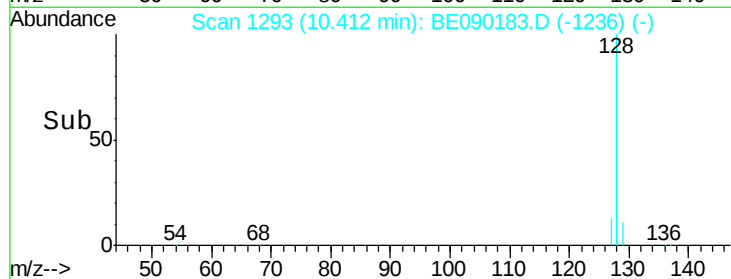
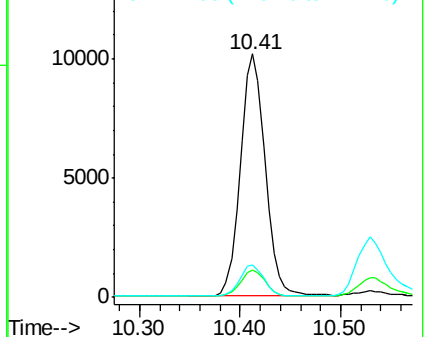
127 13.3 11.9 17.9



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: 1.59 ng/ul

RT: 12.03 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE090183.D

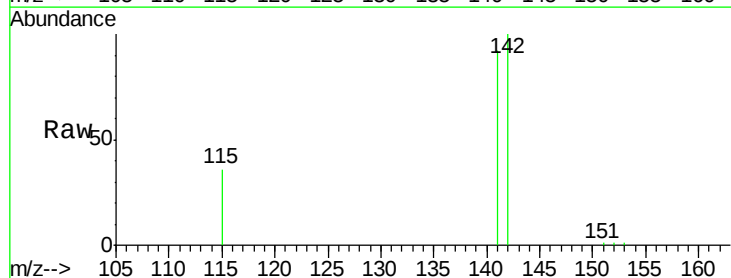
Acq: 20 Jul 2015 20:02

Tgt Ion:142 Resp: 12068

Ion Ratio Lower Upper

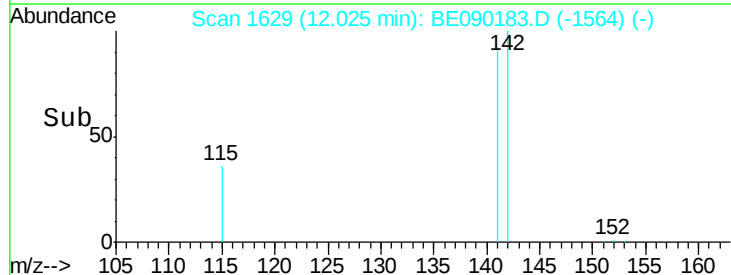
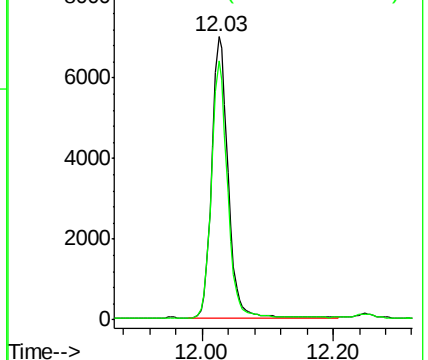
142 100

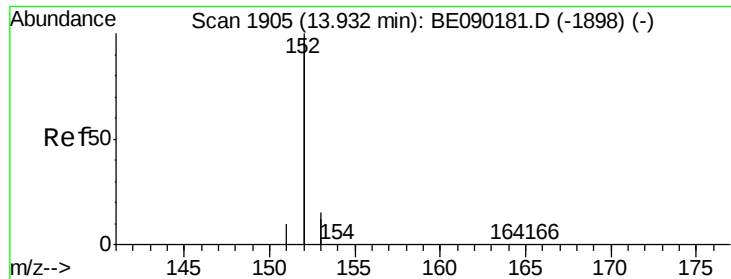
141 90.2 73.4 110.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.62 ng/ul

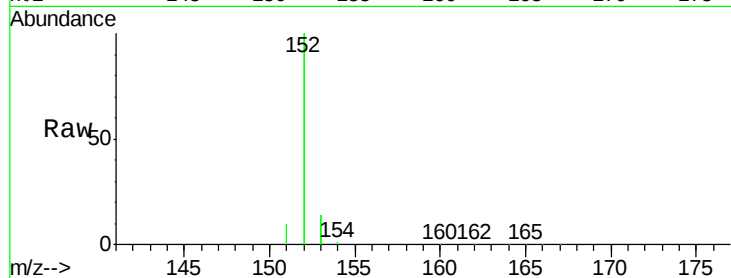
RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

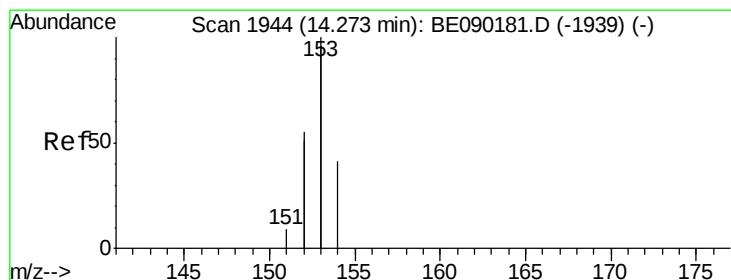
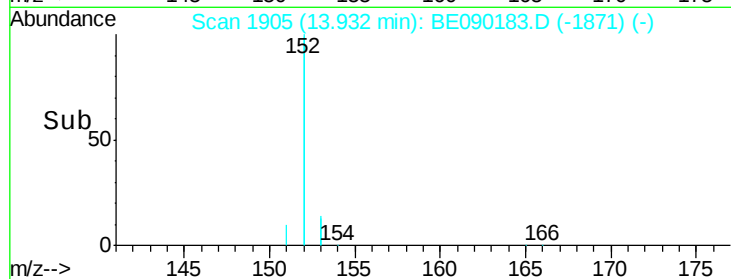
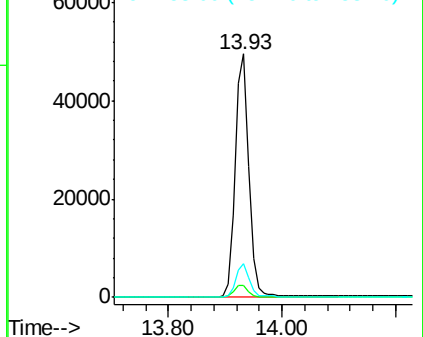
Lab File: BE090183.D

Acq: 20 Jul 2015 20:02

Tgt Ion:	152	Resp:	79261
Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.2	6.4
153	13.6	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: 1.65 ng/ul

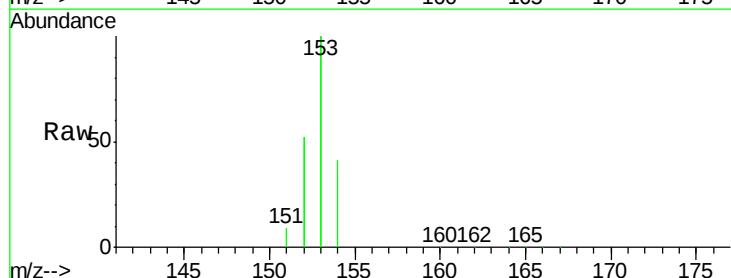
RT: 14.27 min Scan# 1944

Delta R.T. -0.00 min

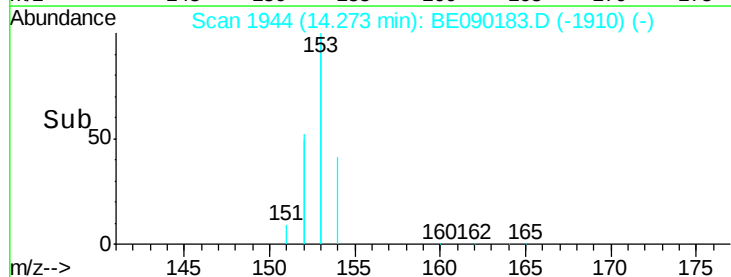
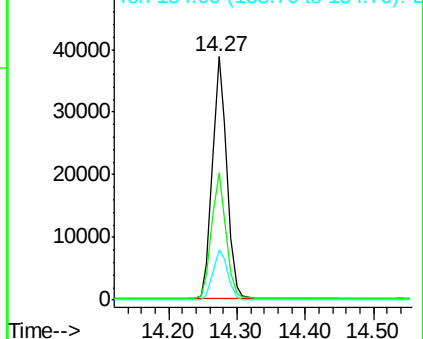
Lab File: BE090183.D

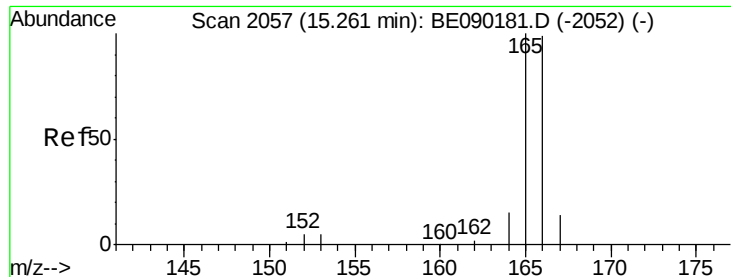
Acq: 20 Jul 2015 20:02

Tgt Ion:	153	Resp:	57004
Ion	Ratio	Lower	Upper
153	100		
152	52.3	43.8	65.8
154	20.6	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: 1.66 ng/ul

RT: 15.26 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BE090183.D

Acq: 20 Jul 2015 20:02

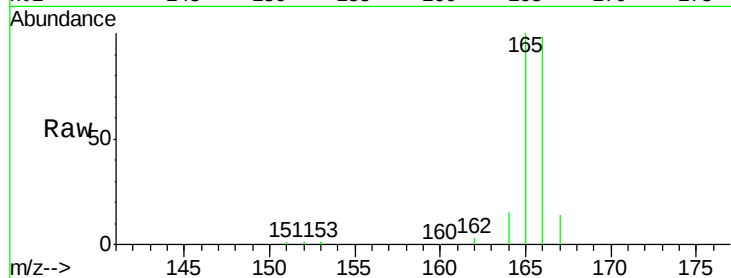
Tgt Ion:166 Resp: 16765

Ion Ratio Lower Upper

166 100

165 101.6 81.2 121.8

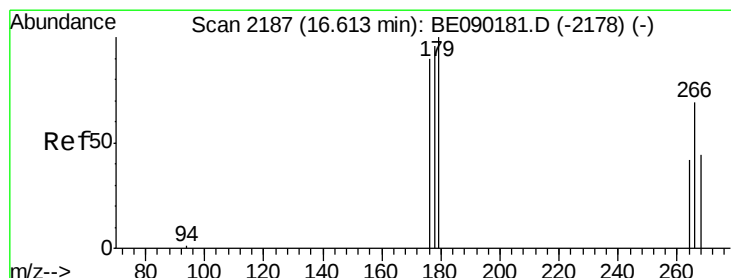
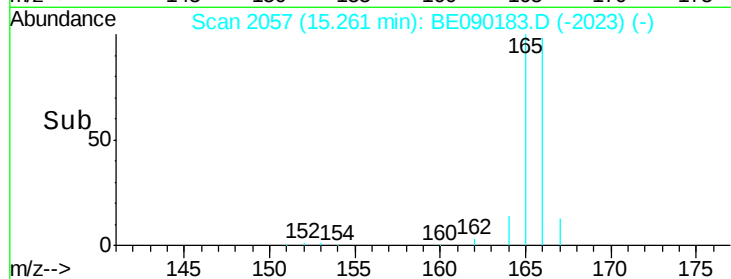
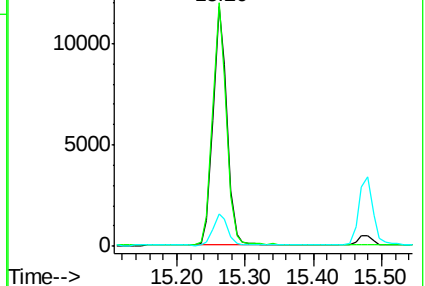
167 13.7 12.6 19.0



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: 1.73 ng/ul

RT: 16.60 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BE090183.D

Acq: 20 Jul 2015 20:02

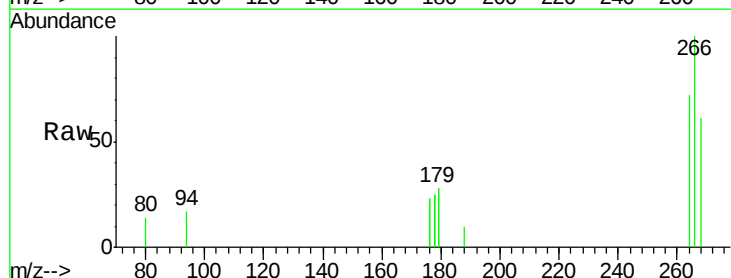
Tgt Ion:266 Resp: 995

Ion Ratio Lower Upper

266 100

264 64.0 47.7 71.5

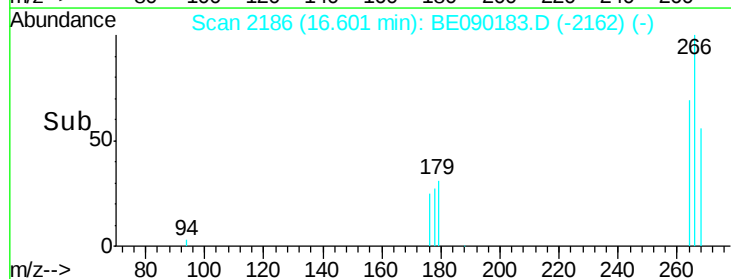
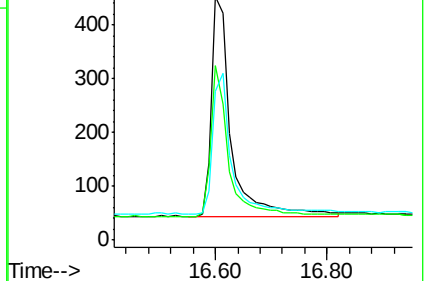
268 65.1 47.0 70.6

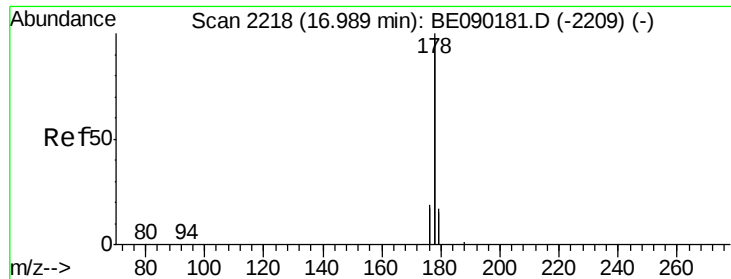


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

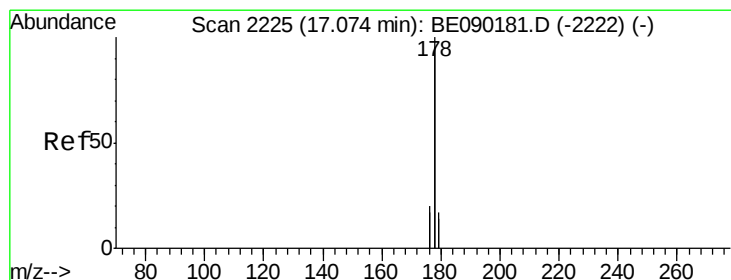
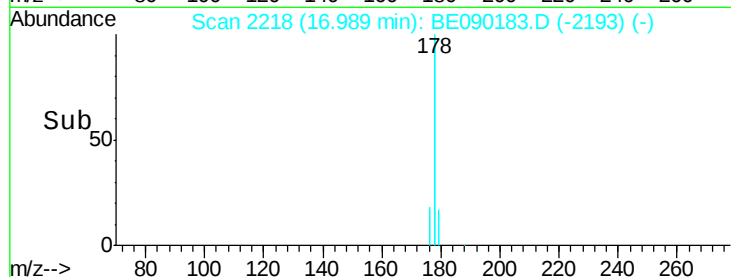
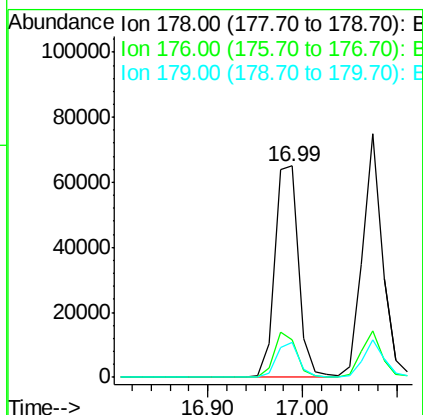
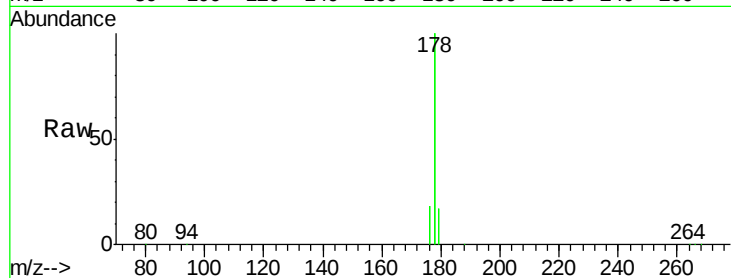
Ion 268.00 (267.70 to 268.70): E





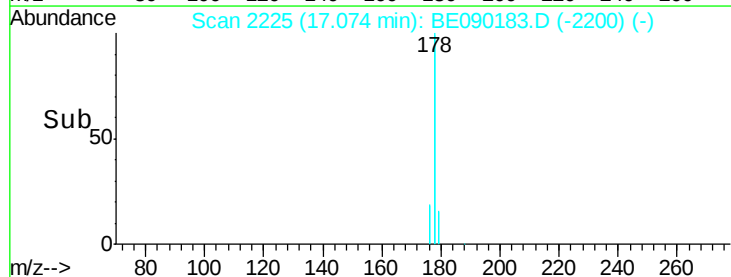
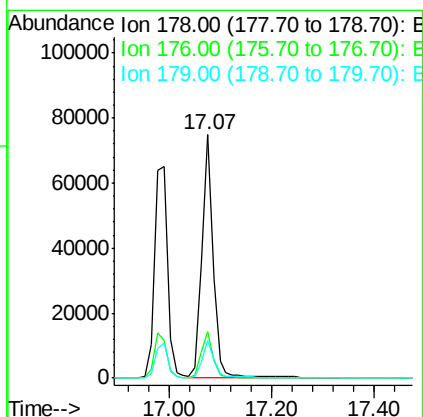
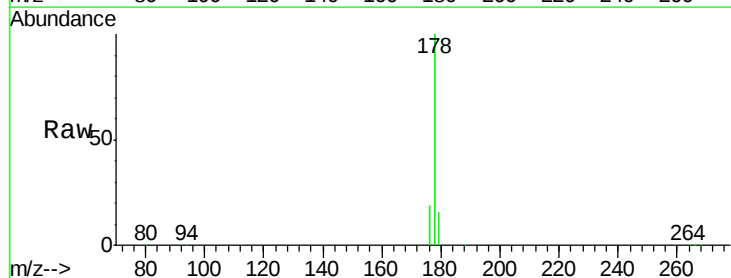
#12
Phenanthrene
Concen: 1.54 ng/ul
RT: 16.99 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BE090183.D
Acq: 20 Jul 2015 20:02

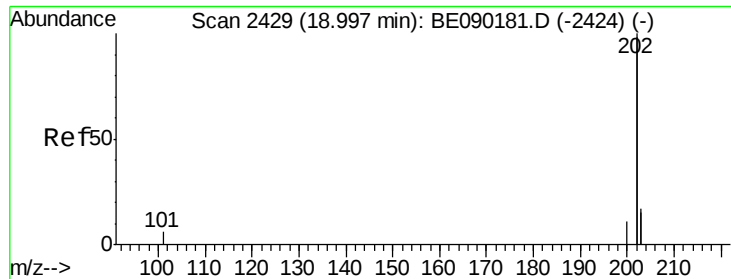
Tgt Ion:178 Resp: 111923
Ion Ratio Lower Upper
178 100
176 17.8 15.3 22.9
179 16.6 14.0 21.0



#13
Anthracene
Concen: 1.57 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BE090183.D
Acq: 20 Jul 2015 20:02

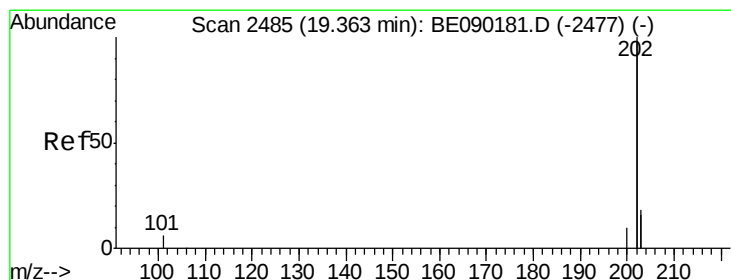
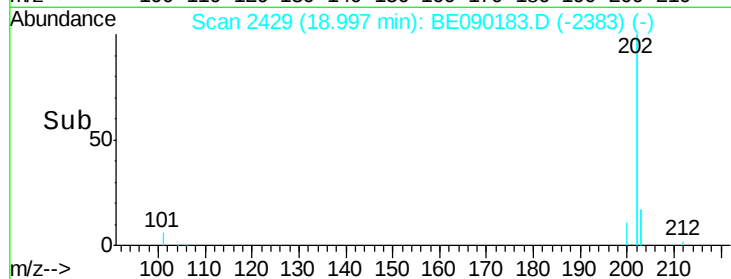
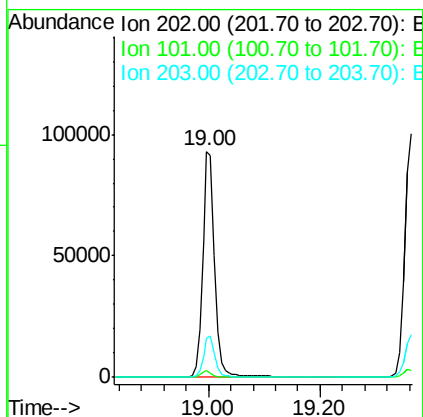
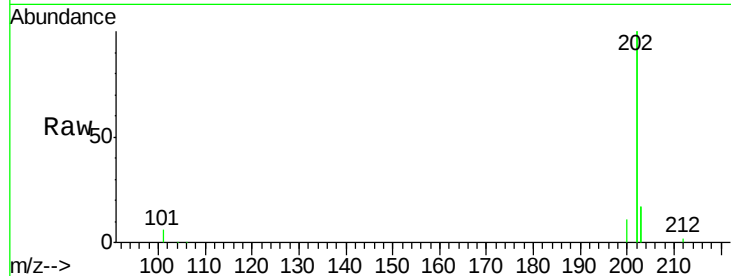
Tgt Ion:178 Resp: 111198
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.7 13.4 20.0





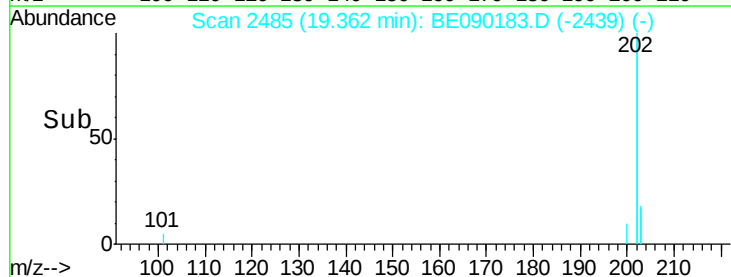
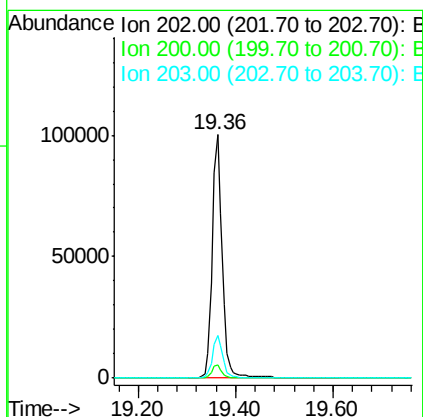
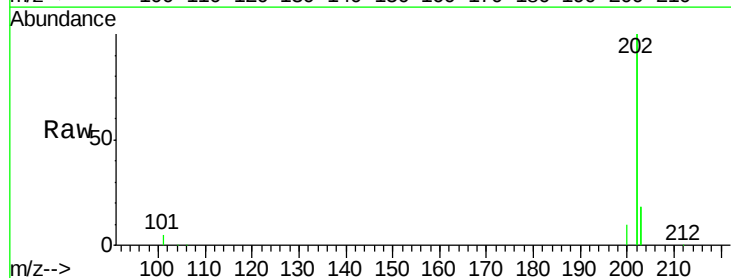
#15
Fluoranthene
 Concen: 1.68 ng/ul
 RT: 19.00 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BE090183.D
 Acq: 20 Jul 2015 20:02

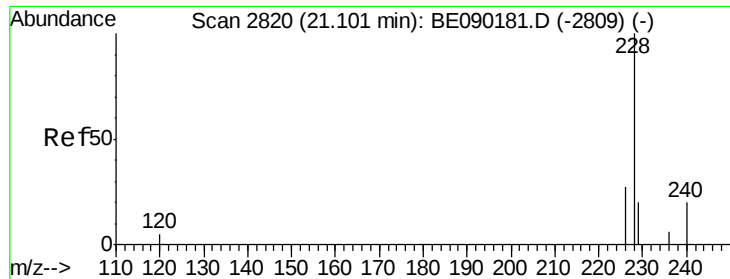
Tgt Ion	Ratio	Lower	Upper
202	100		
101	2.9	0.0	23.0
203	17.0	0.0	37.0



#17
Pyrene
 Concen: 1.45 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BE090183.D
 Acq: 20 Jul 2015 20:02

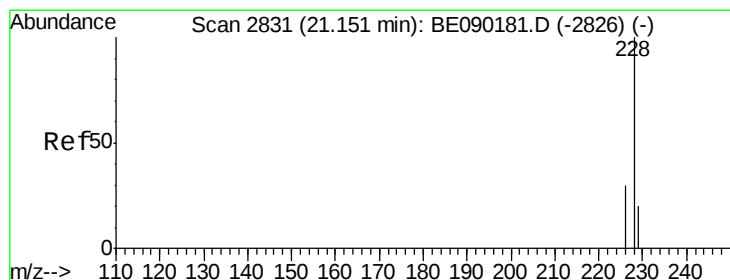
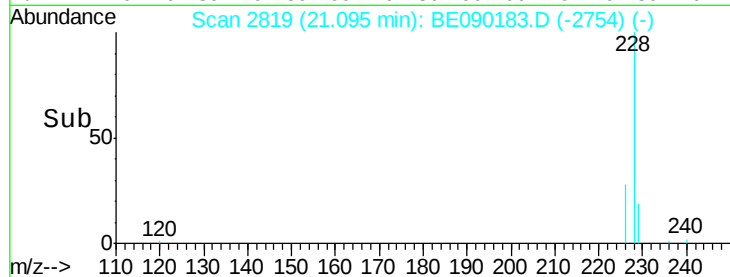
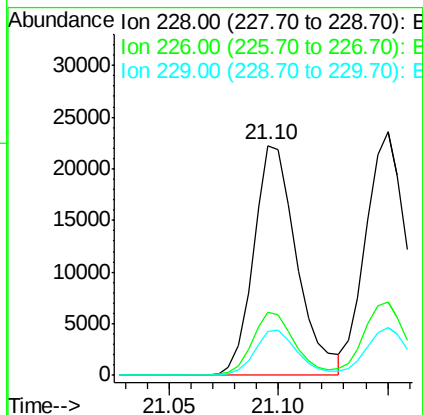
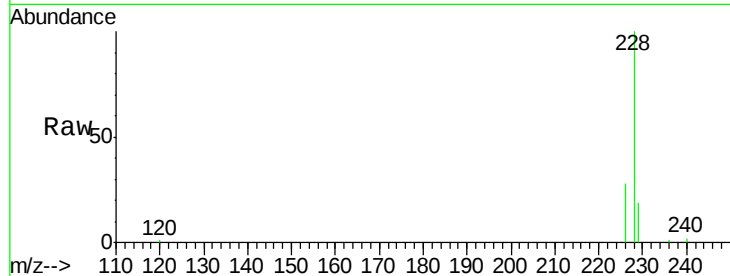
Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.3	6.5
203	17.6	14.6	21.8





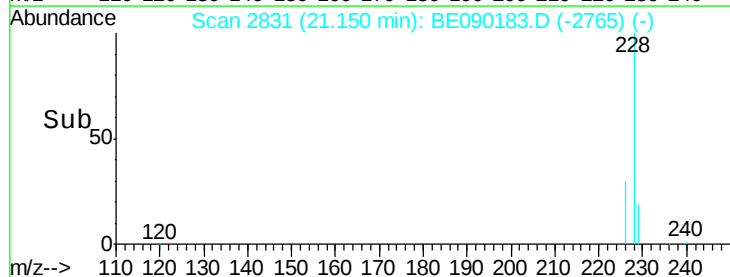
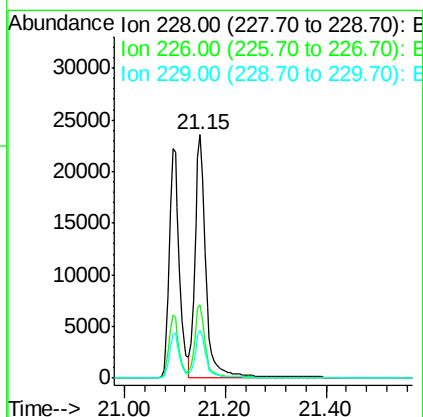
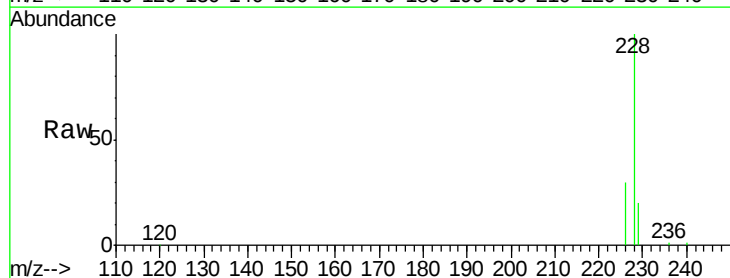
#18
Benzo(a)anthracene
Concen: 1.61 ng/ul
RT: 21.10 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BE090183.D
Acq: 20 Jul 2015 20:02

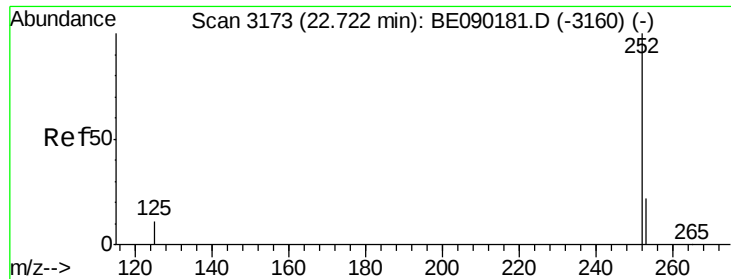
Tgt Ion:228 Resp: 30326
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 19.3 16.9 25.3



#19
Chrysene
Concen: 1.47 ng/ul
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090183.D
Acq: 20 Jul 2015 20:02

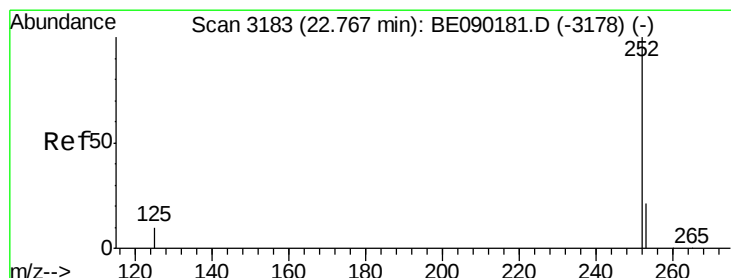
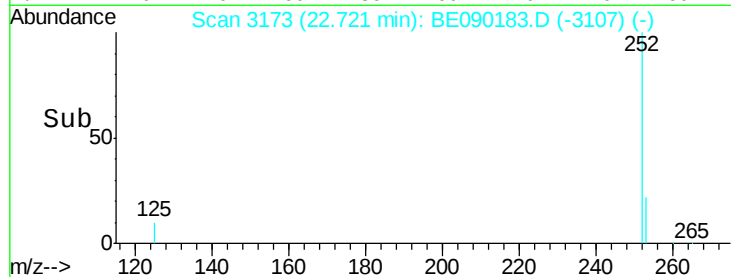
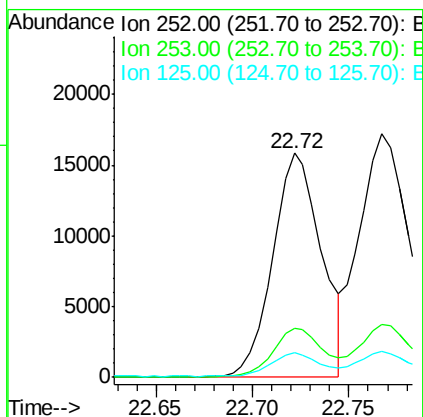
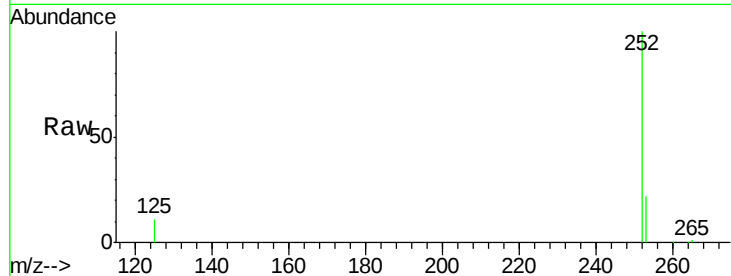
Tgt Ion:228 Resp: 34580
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.6 16.6 24.8





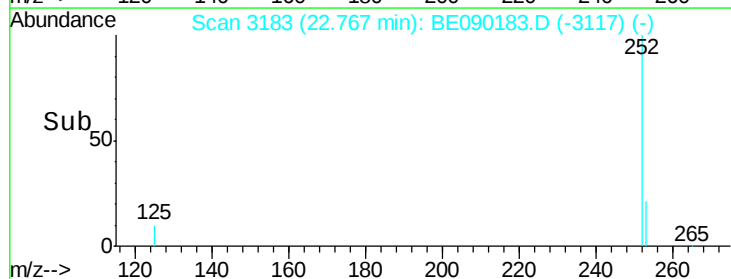
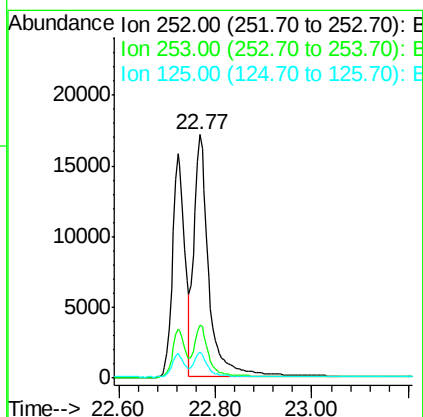
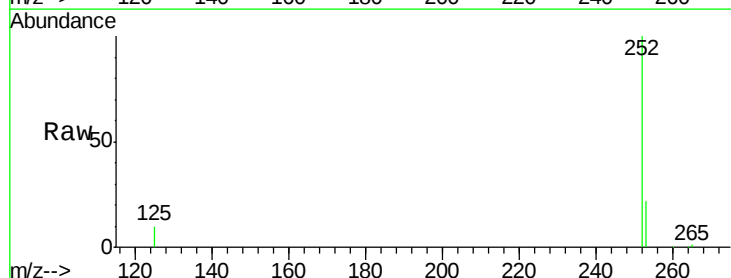
#21
Benzo(b)fluoranthene
Concen: 1.67 ng/ul
RT: 22.72 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE090183.D
Acq: 20 Jul 2015 20:02

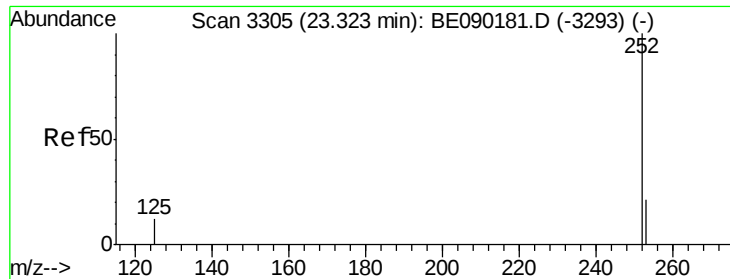
Tgt Ion: 252 Resp: 27664
Ion Ratio Lower Upper
252 100
253 21.9 0.0 46.8
125 10.9 0.0 25.4



#22
Benzo(k)fluoranthene
Concen: 1.56 ng/ul
RT: 22.77 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BE090183.D
Acq: 20 Jul 2015 20:02

Tgt Ion: 252 Resp: 36724
Ion Ratio Lower Upper
252 100
253 21.6 18.3 27.5
125 10.5 9.8 14.8





#23

Benzo(a)pyrene

Concen: 1.67 ng/ul

RT: 23.32 min Scan# 3305

Delta R.T. -0.00 min

Lab File: BE090183.D

Acq: 20 Jul 2015 20:02

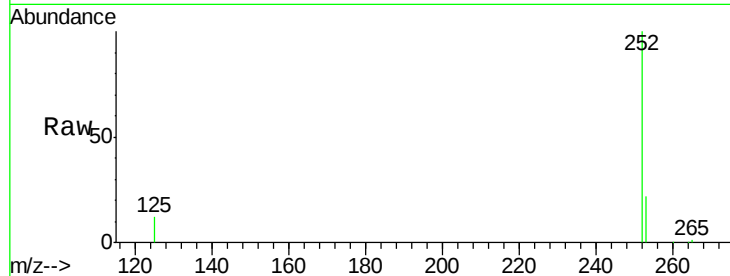
Tgt Ion: 252 Resp: 28921

Ion Ratio Lower Upper

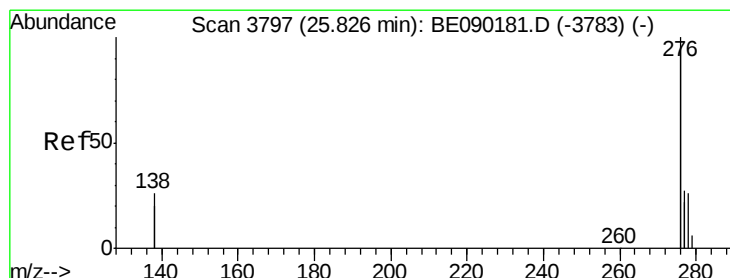
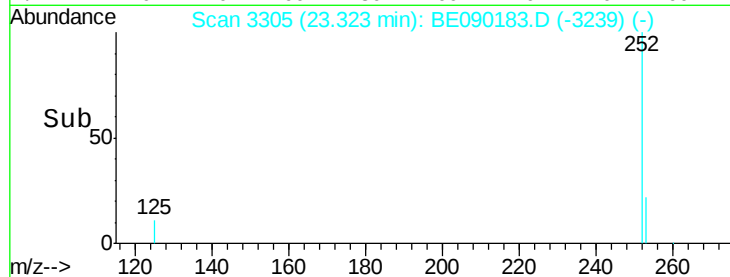
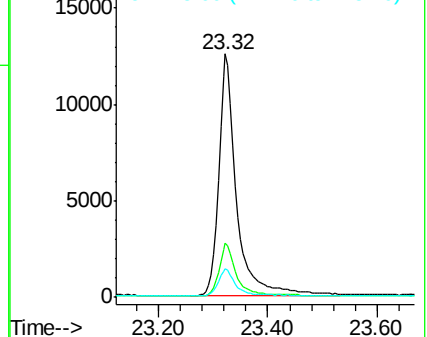
252 100

253 22.3 18.4 27.6

125 11.7 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: 1.75 ng/ul

RT: 25.83 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BE090183.D

Acq: 20 Jul 2015 20:02

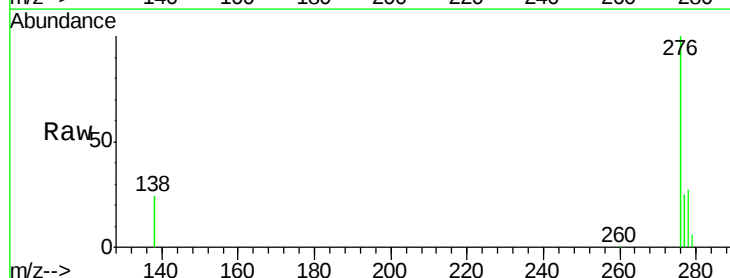
Tgt Ion: 276 Resp: 130373

Ion Ratio Lower Upper

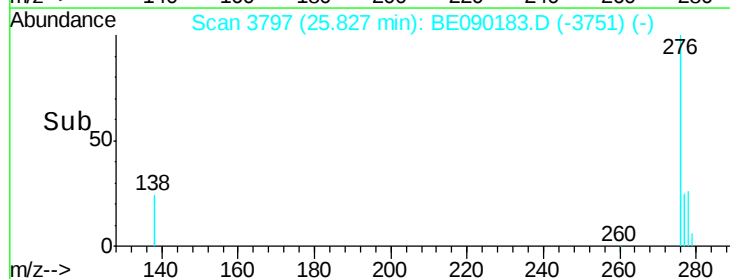
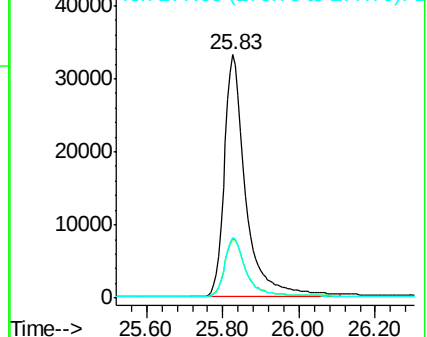
276 100

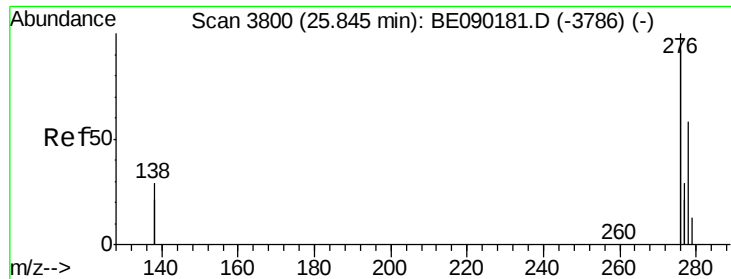
138 24.9 19.8 29.8

277 24.8 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

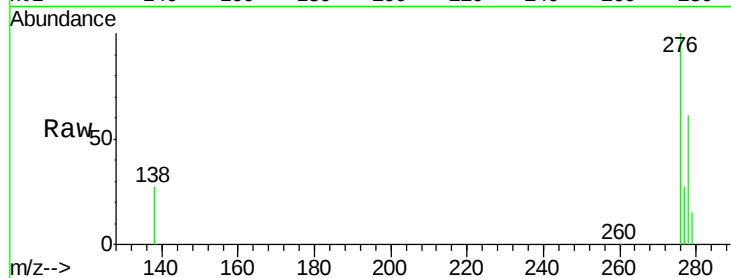




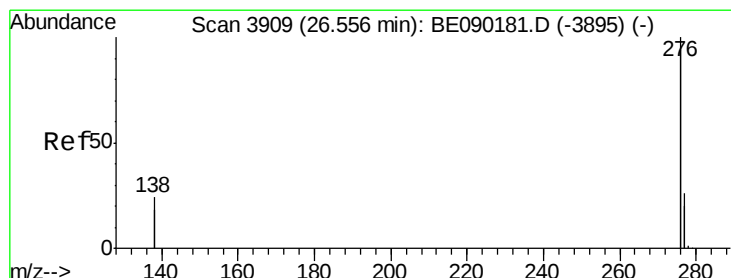
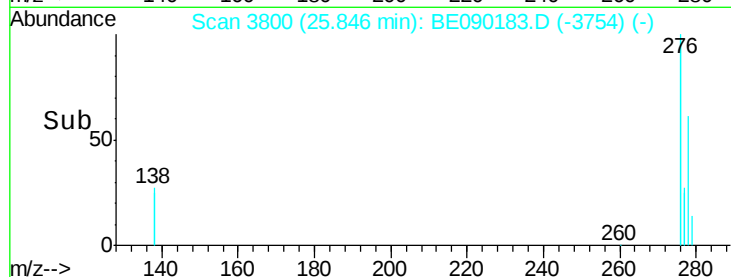
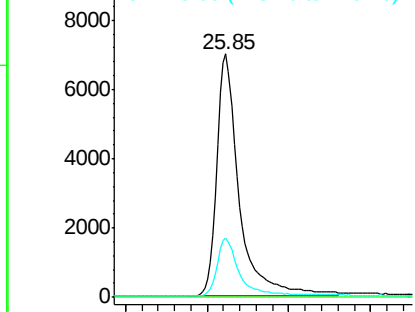
#25
Dibenzo(a,h)anthracene
Concen: 1.85 ng/ul
RT: 25.85 min Scan# 3800
Delta R.T. 0.00 min
Lab File: BE090183.D
Acq: 20 Jul 2015 20:02

Tgt Ion: 278 Resp: 26419

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	24.2	20.0	30.0



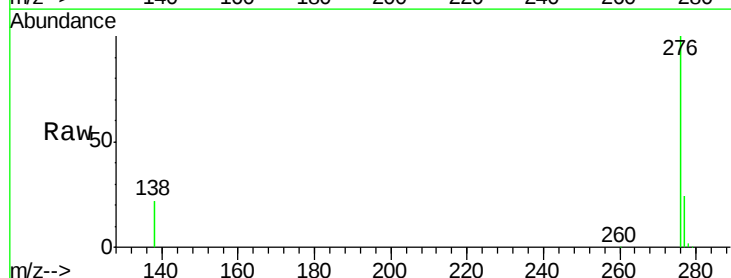
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 1.69 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BE090183.D
Acq: 20 Jul 2015 20:02

Tgt Ion: 276 Resp: 116363

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.6	31.0
138	21.9	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

