

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002680.D
 Acq On : 11 Sep 2015 10:28
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 01:29:30 2015

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 04 04:35:12 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	8884	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	37156	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	16976	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	31439	0.40	ng/ul	-0.02
18) Chrysene-d12	22.16	240	25410	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	24196	0.40	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.82	96	7261	0.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.17	152	18887	0.38	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	26832	0.37	ng/ul	-0.01

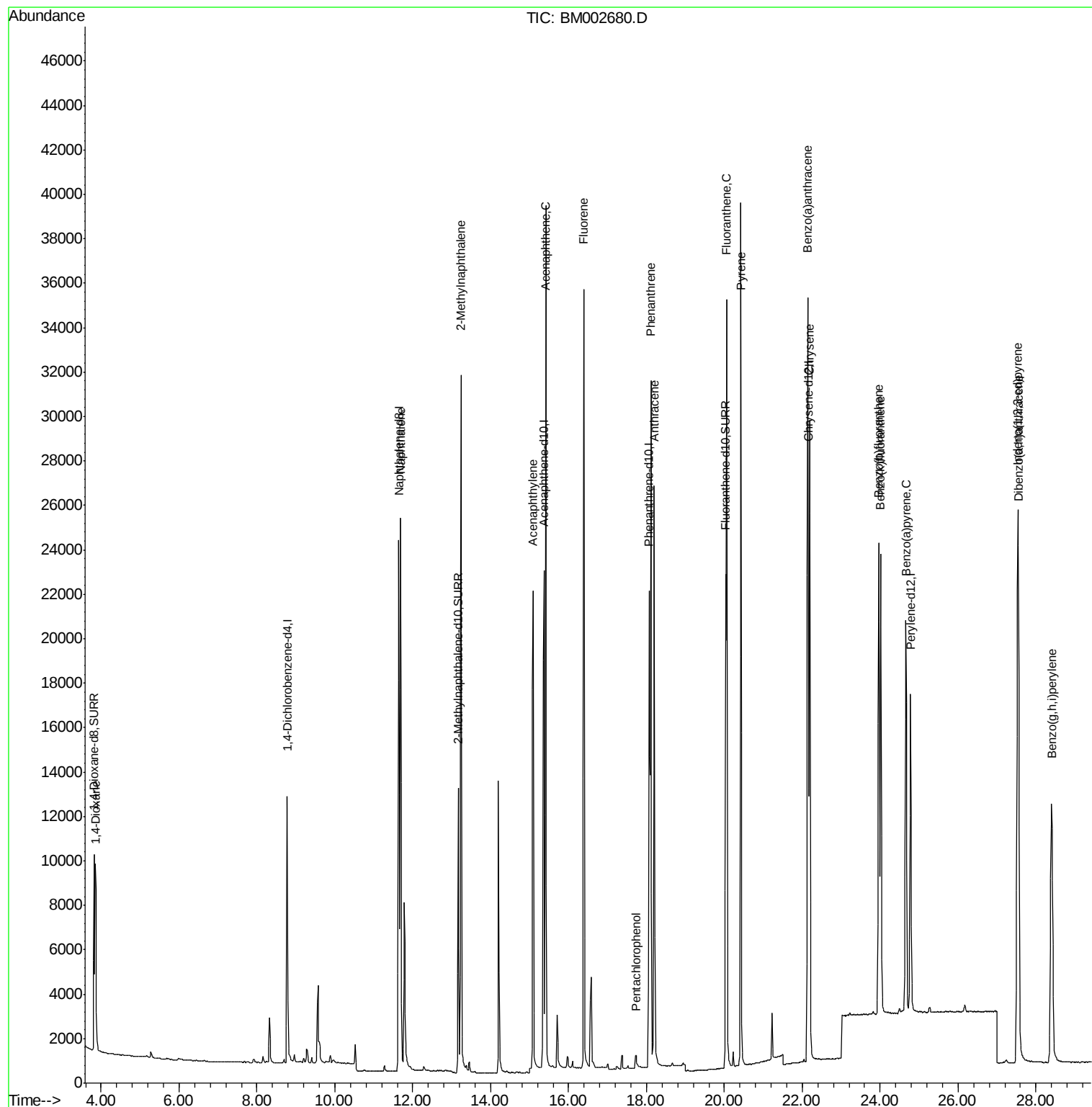
Target Compounds

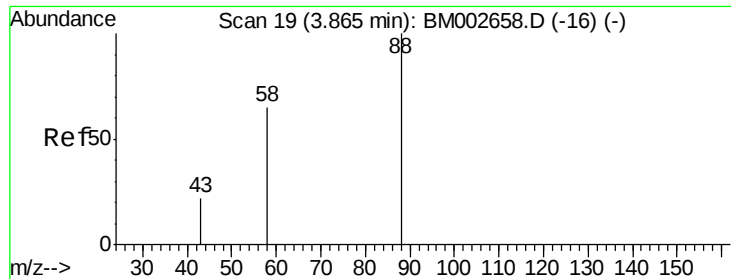
						Ovalue
3) 1,4-Dioxane	3.87	88	8392	0.81	ng/ul	98
5) Naphthalene	11.69	128	36364	0.38	ng/ul	98
7) 2-Methylnaphthalene	13.23	142	24473	0.38	ng/ul	99
9) Acenaphthylene	15.09	152	33627	0.37	ng/ul	95
10) Acenaphthene	15.42	153	24108	0.38	ng/ul	91
11) Fluorene	16.39	166	25479	0.38	ng/ul	86
13) Pentachlorophenol	17.72	266	951	0.31	ng/ul	97
14) Phenanthrene	18.11	178	35683	0.38	ng/ul	97
15) Anthracene	18.20	178	33858	0.36	ng/ul	97
17) Fluoranthene	20.06	202	36295	0.37	ng/ul	96
19) Pyrene	20.42	202	37181	0.39	ng/ul	97
20) Benzo(a)anthracene	22.14	228	31381	0.37	ng/ul	95
21) Chrysene	22.19	228	30636	0.38	ng/ul	99
23) Benzo(b)fluoranthene	23.96	252	33140	0.39	ng/ul	97
24) Benzo(k)fluoranthene	24.01	252	29409	0.37	ng/ul	95
25) Benzo(a)pyrene	24.66	252	29576	0.37	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	27.54	276	32202	0.34	ng/ul	98
27) Dibenzo(a,h)anthracene	27.55	278	24835	0.32	ng/ul	94
28) Benzo(g,h,i)perylene	28.40	276	28945	0.36	ng/ul	96

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

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#3

1,4-Dioxane

Concen: 0.81 ng/ul

RT: 3.87 min Scan# 19

Delta R.T. 0.00 min

Lab File: BM002680.D

Acq: 11 Sep 2015 10:28

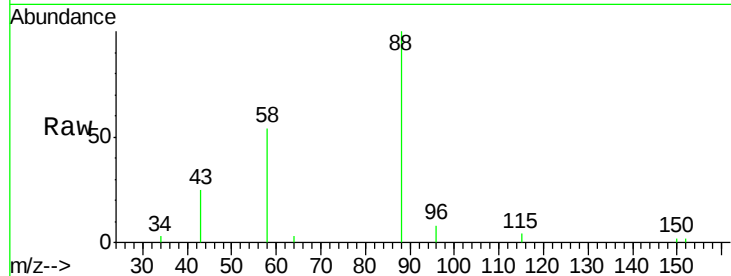
Tot Ion: 88 Resp: 8392

Ion Ratio Lower Upper

88 100

58 71.2 55.4 83.2

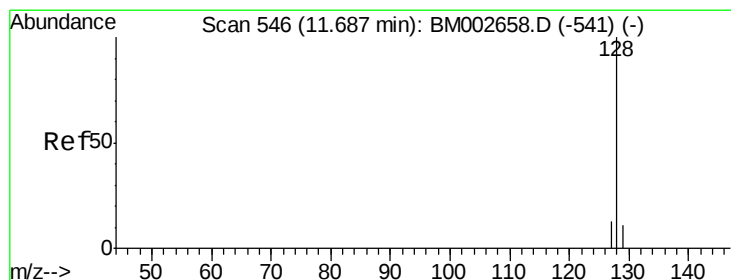
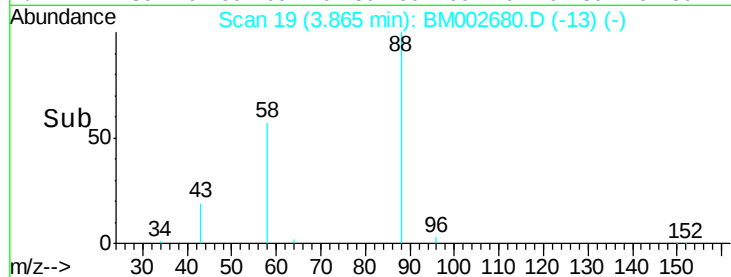
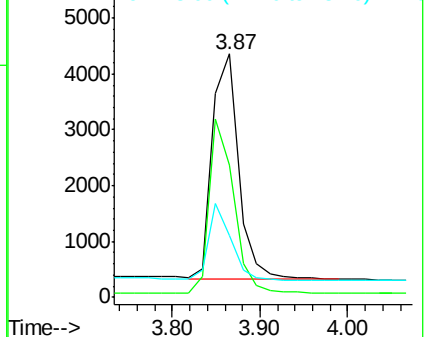
43 29.8 24.2 36.2



Abundance Ion 88.00 (87.70 to 88.70): BM002680.D (-13) (-)

Ion 58.00 (57.70 to 58.70): BM002680.D (-13) (-)

Ion 43.00 (42.70 to 43.70): BM002680.D (-13) (-)



#5

Naphthalene

Concen: 0.38 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002680.D

Acq: 11 Sep 2015 10:28

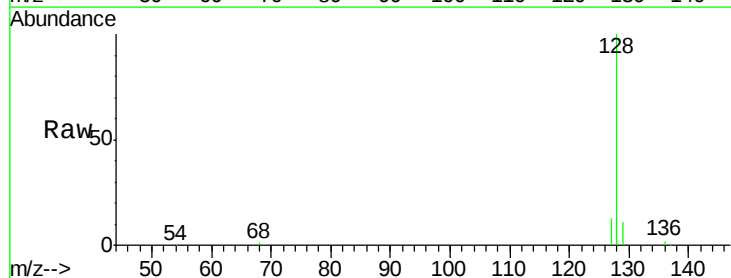
Tgt Ion: 128 Resp: 36364

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

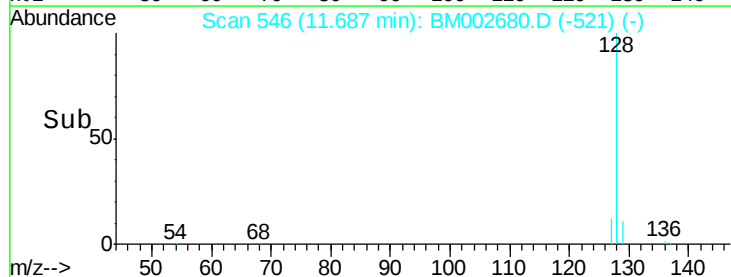
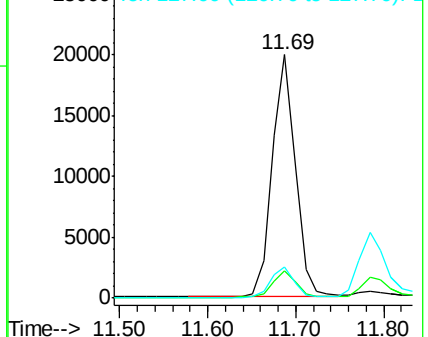
127 12.6 10.7 16.1

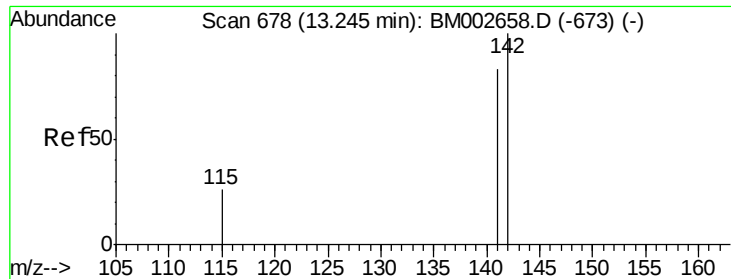


Abundance Ion 128.00 (127.70 to 128.70): BM002680.D (-521) (-)

Ion 129.00 (128.70 to 129.70): BM002680.D (-521) (-)

Ion 127.00 (126.70 to 127.70): BM002680.D (-521) (-)





#7

2-Methylnaphthalene

Concen: 0.38 ng/ul

RT: 13.23 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM002680.D

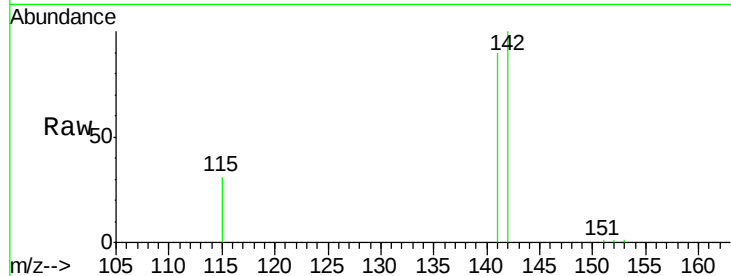
Acq: 11 Sep 2015 10:28

Tot Ion:142 Resp: 24473

Ion Ratio Lower Upper

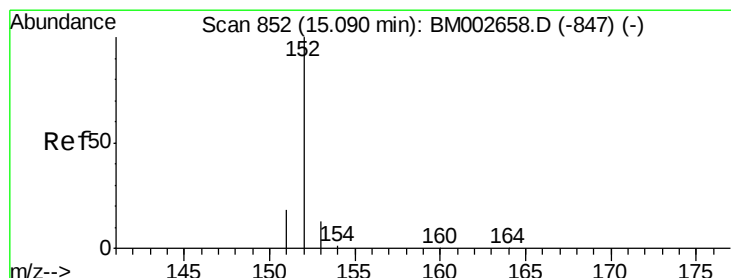
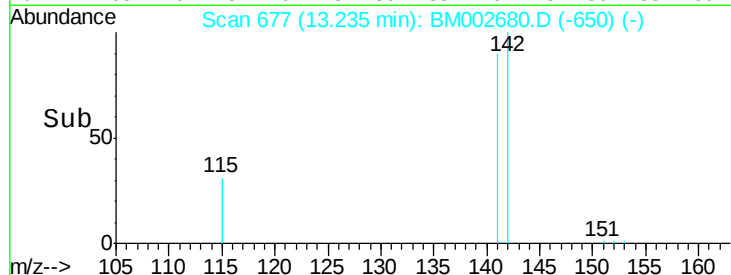
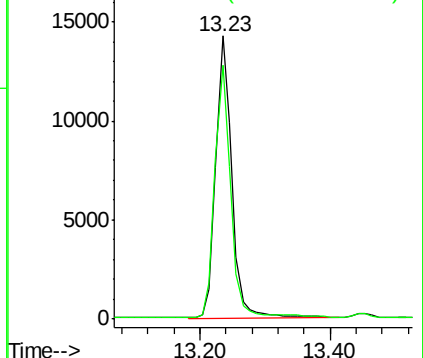
142 100

141 89.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.37 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM002680.D

Acq: 11 Sep 2015 10:28

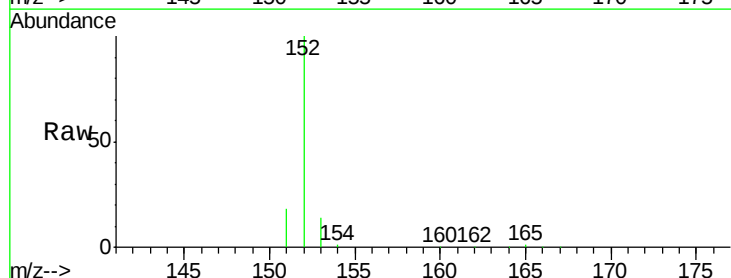
Tgt Ion:152 Resp: 33627

Ion Ratio Lower Upper

152 100

151 17.6 16.8 25.2

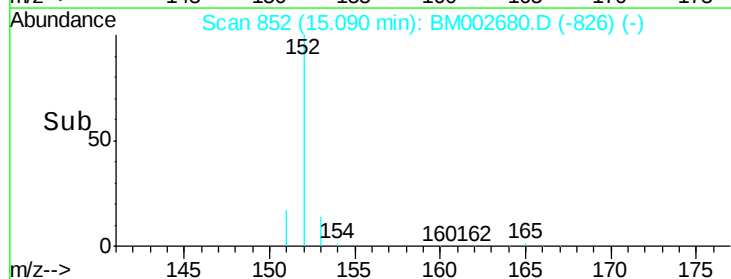
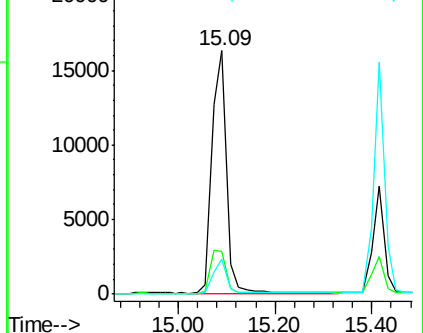
153 14.4 11.3 16.9

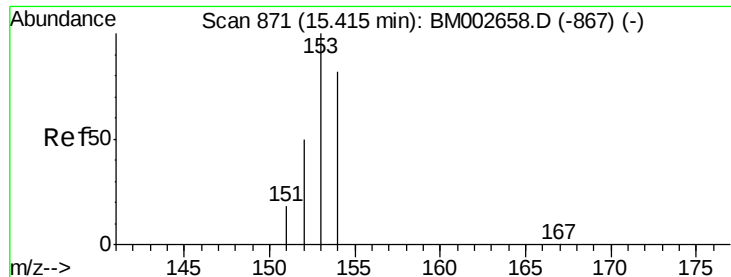


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.38 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002680.D

Acq: 11 Sep 2015 10:28

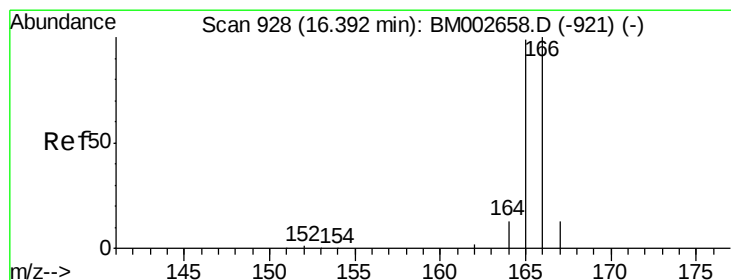
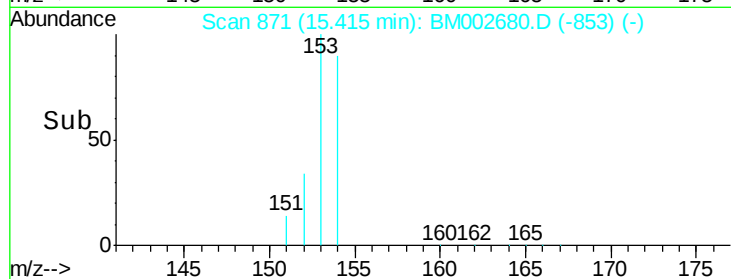
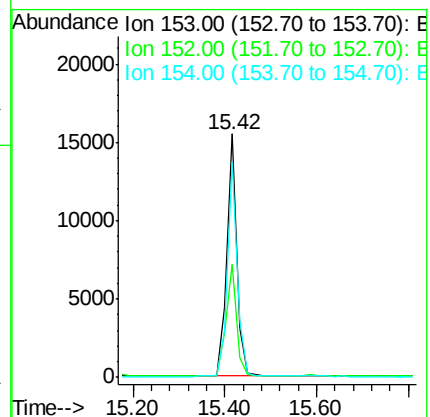
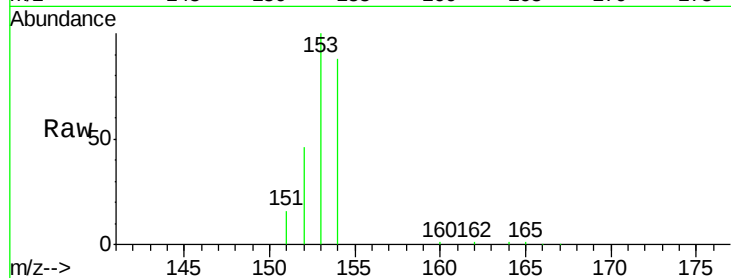
Tot Ion:153 Resp: 24108

Ion Ratio Lower Upper

153 100

152 46.4 42.3 63.5

154 88.5 64.7 97.1



#11

Fluorene

Concen: 0.38 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM002680.D

Acq: 11 Sep 2015 10:28

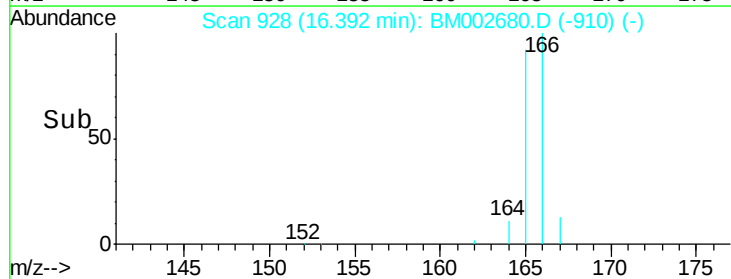
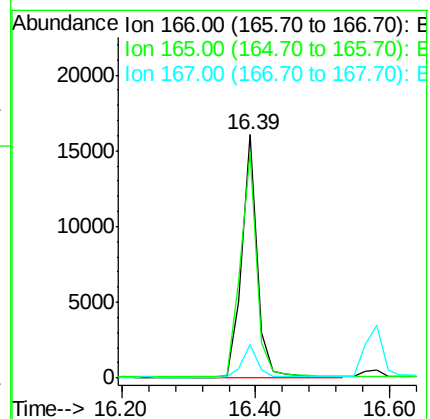
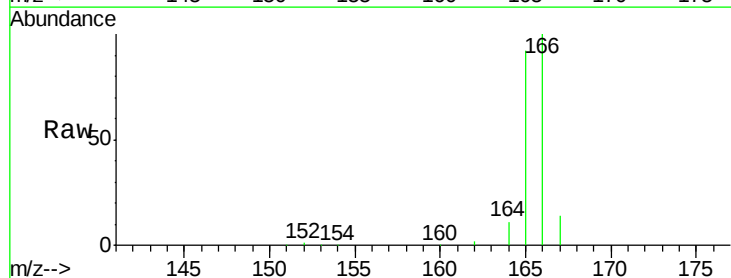
Tgt Ion:166 Resp: 25479

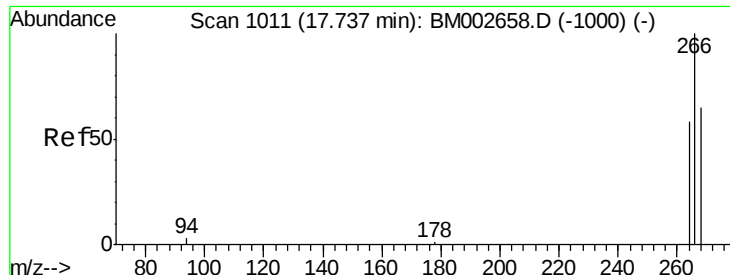
Ion Ratio Lower Upper

166 100

165 92.5 87.6 131.4

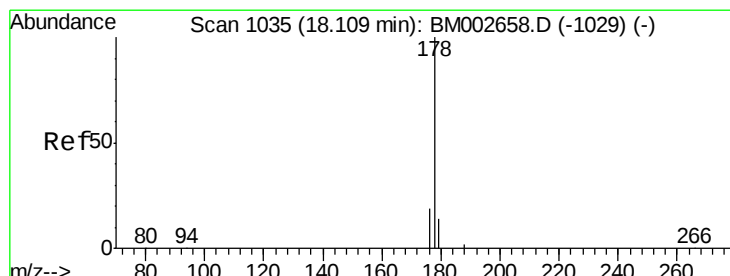
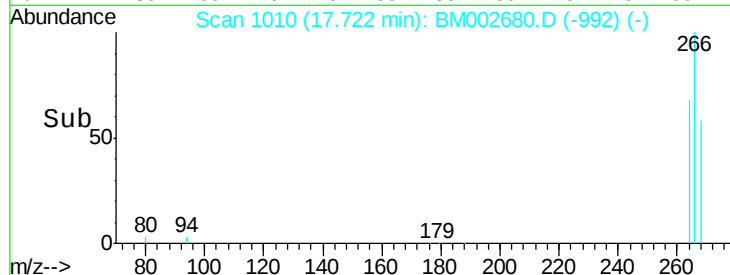
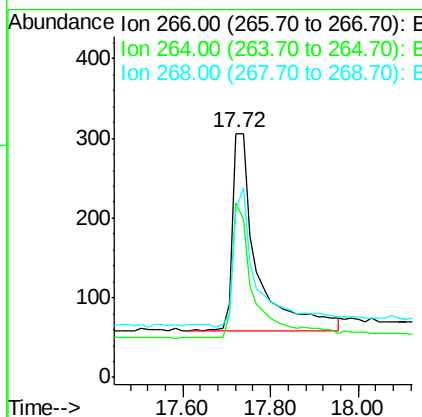
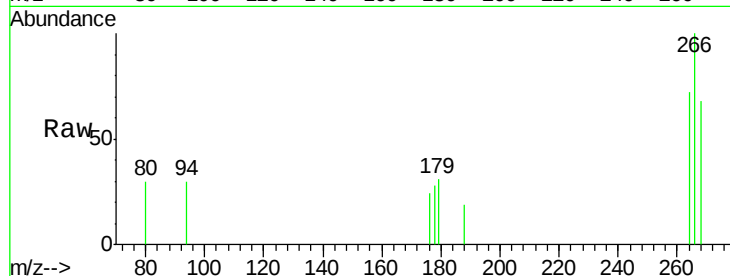
167 13.7 11.1 16.7





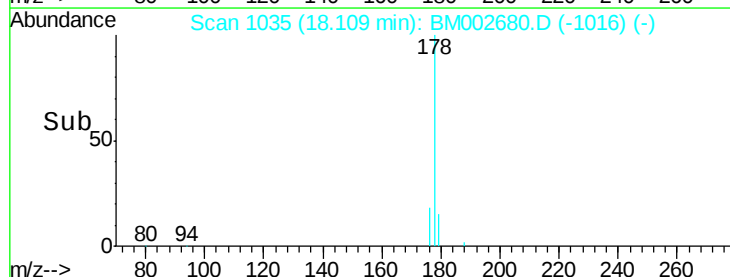
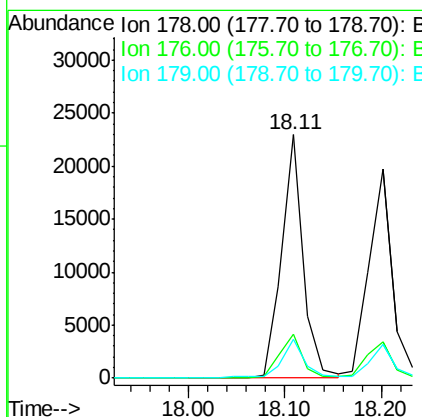
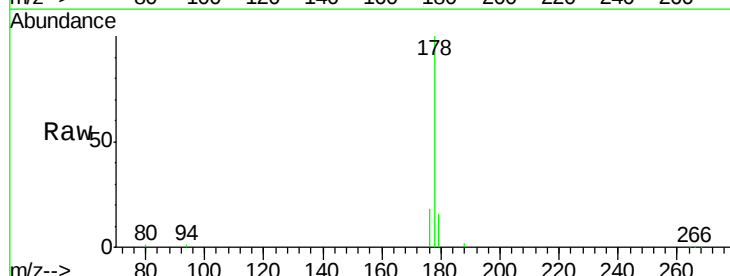
#13
 Pentachlorophenol
 Concen: 0.31 ng/ul
 RT: 17.72 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BM002680.D
 Acq: 11 Sep 2015 10:28

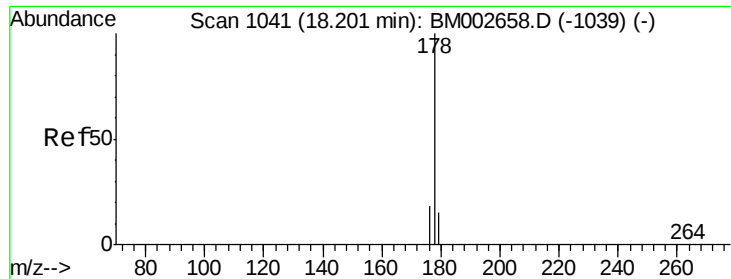
Tot Ion	Ratio	Lower	Upper
266	100		
264	64.8	53.5	80.3
268	69.6	54.2	81.2



#14
 Phenanthrene
 Concen: 0.38 ng/ul
 RT: 18.11 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BM002680.D
 Acq: 11 Sep 2015 10:28

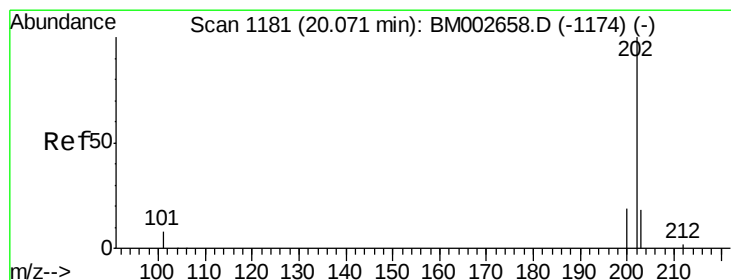
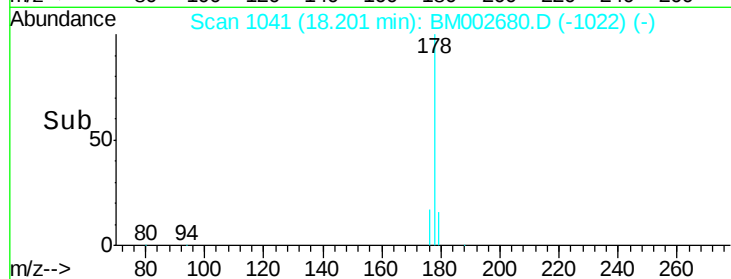
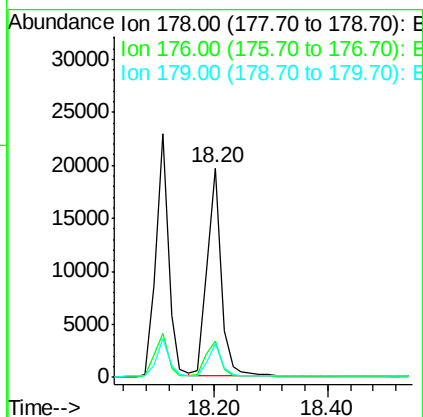
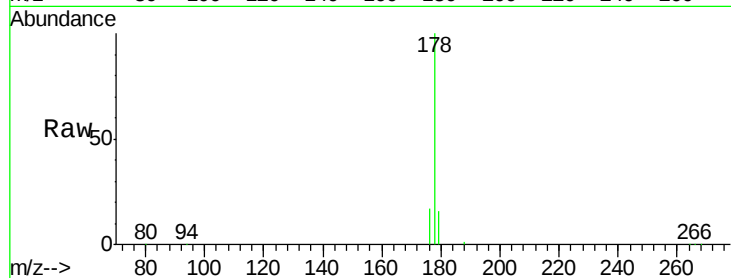
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	15.7	12.8	19.2





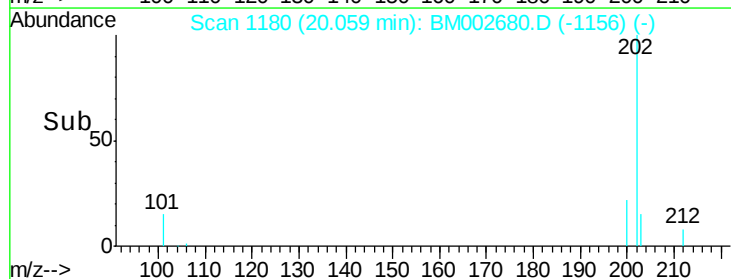
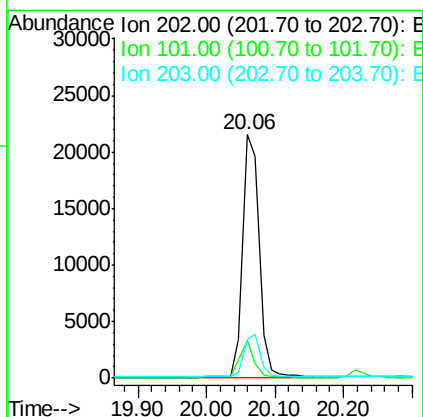
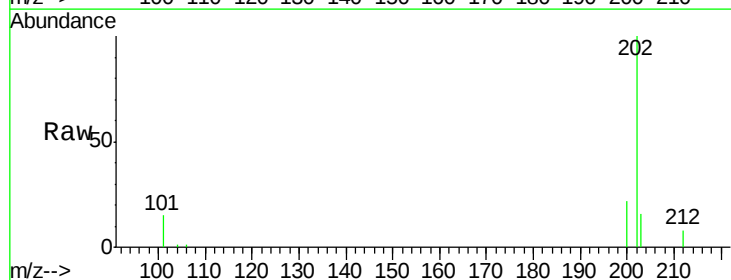
#15
 Anthracene
 Concen: 0.36 ng/ul
 RT: 18.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BM002680.D
 Acq: 11 Sep 2015 10:28

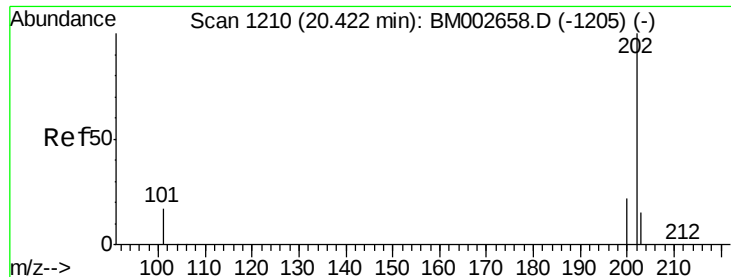
Tot Ion:178 Resp: 33858
 Ion Ratio Lower Upper
 178 100
 176 17.2 15.8 23.8
 179 16.4 13.3 19.9



#17
 Fluoranthene
 Concen: 0.37 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BM002680.D
 Acq: 11 Sep 2015 10:28

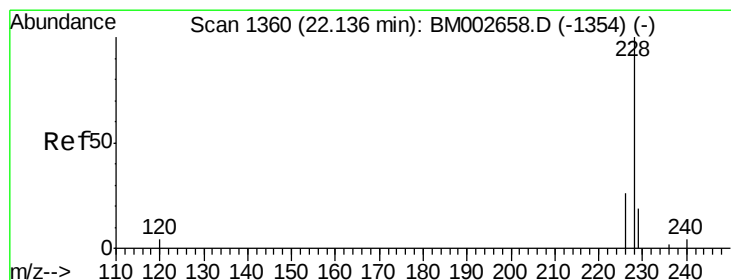
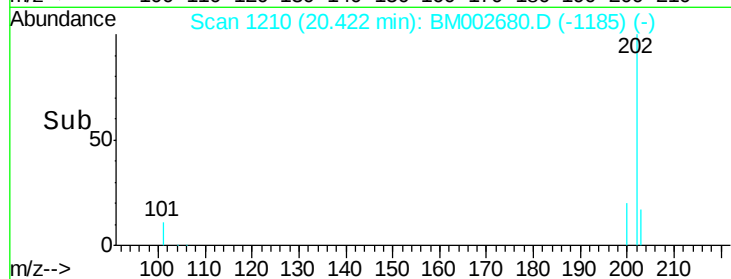
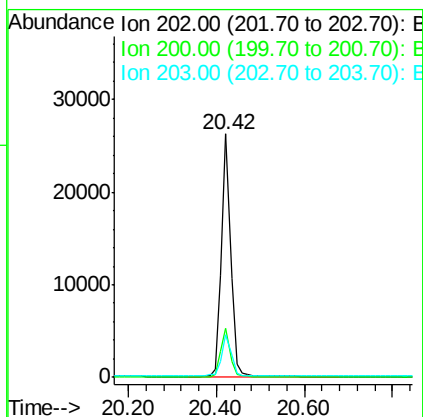
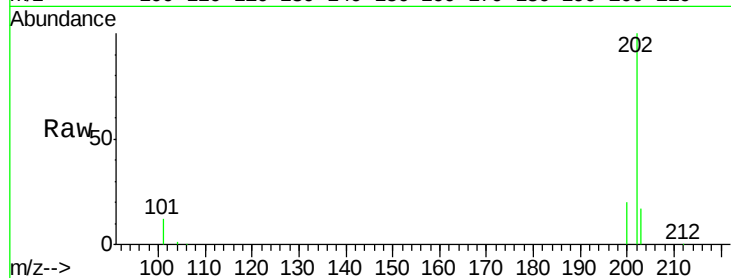
Tgt Ion:202 Resp: 36295
 Ion Ratio Lower Upper
 202 100
 101 15.4 0.0 33.1
 203 15.9 0.0 37.2





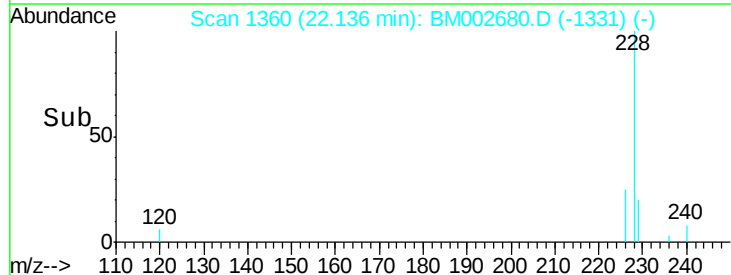
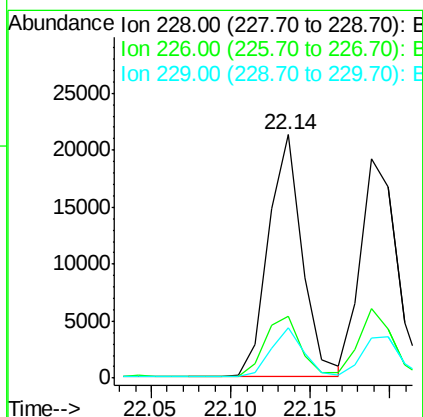
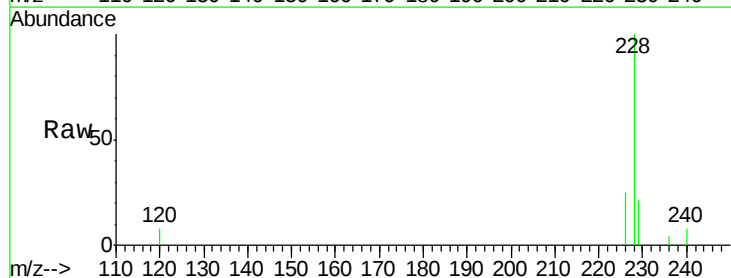
#19
Pvrene
Concen: 0.39 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM002680.D
Acq: 11 Sep 2015 10:28

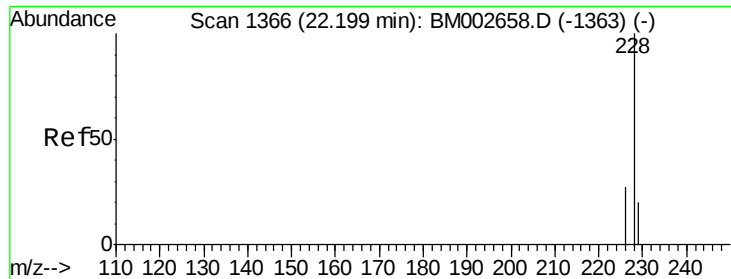
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	18.0	27.0
203	17.5	13.8	20.6



#20
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 22.14 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BM002680.D
Acq: 11 Sep 2015 10:28

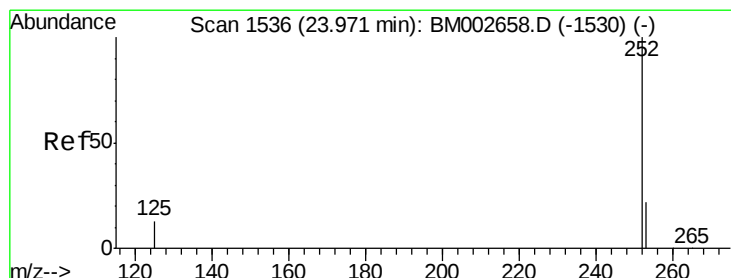
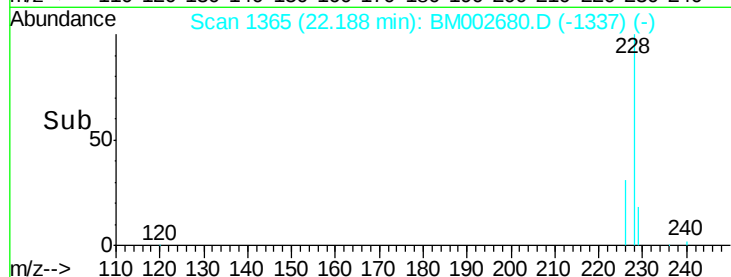
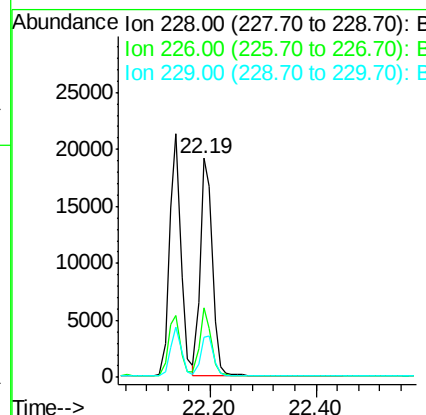
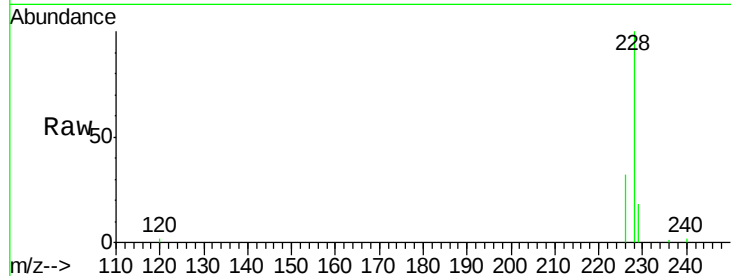
Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.4	23.0	34.4
229	20.6	15.2	22.8





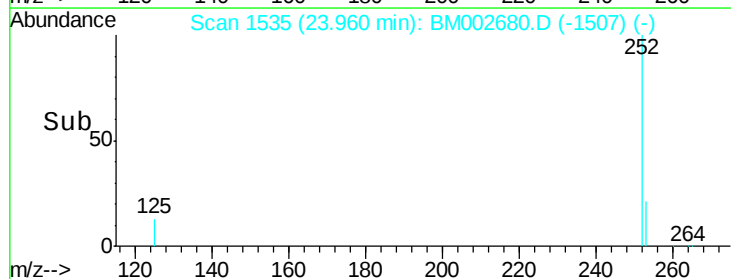
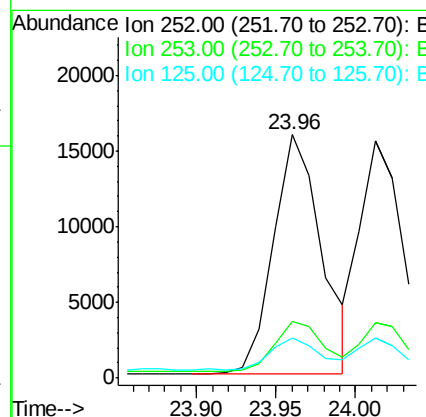
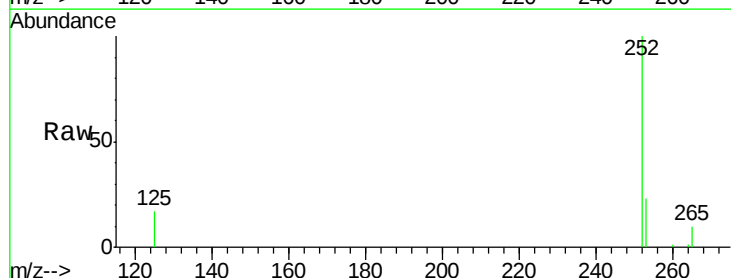
#21
Chrysene
Concen: 0.38 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BM002680.D
Acq: 11 Sep 2015 10:28

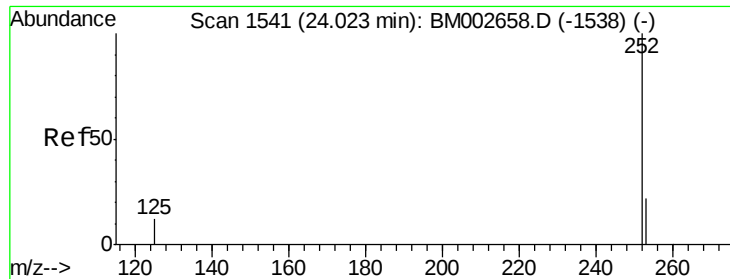
Tot Ion:228 Resp: 30636
Ion Ratio Lower Upper
228 100
226 31.7 25.7 38.5
229 18.4 15.2 22.8



#23
Benzo(b)fluoranthene
Concen: 0.39 ng/ul
RT: 23.96 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM002680.D
Acq: 11 Sep 2015 10:28

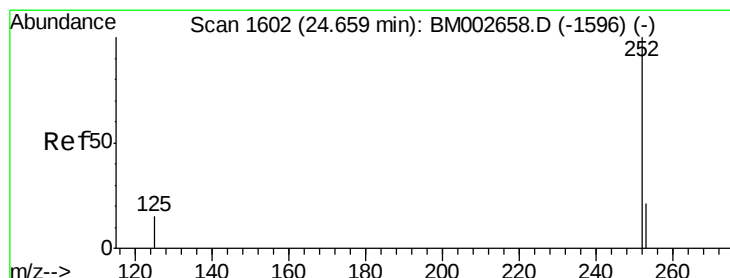
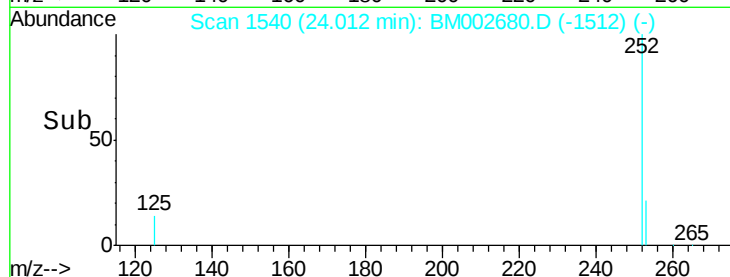
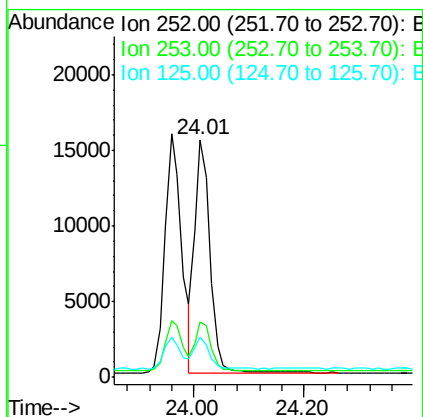
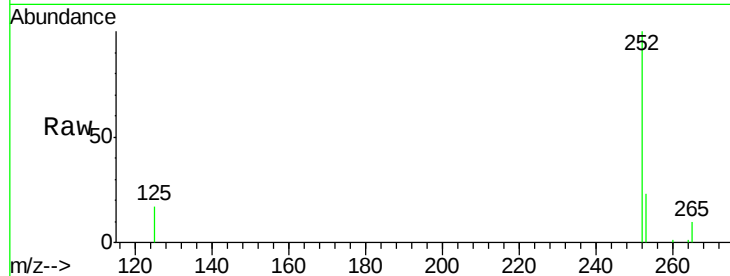
Tgt Ion:252 Resp: 33140
Ion Ratio Lower Upper
252 100
253 23.2 0.0 48.0
125 16.6 0.0 36.6





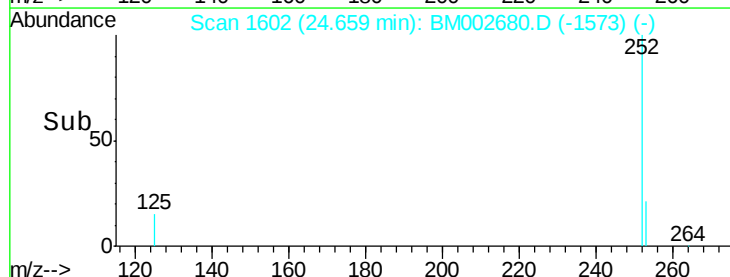
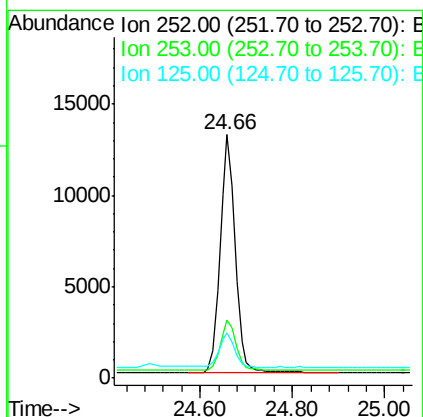
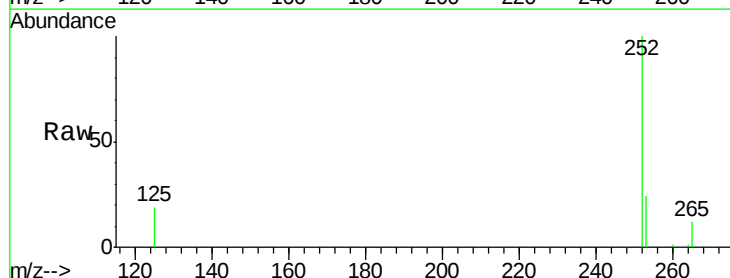
#24
Benzo(k)fluoranthene
Concen: 0.37 ng/ul
RT: 24.01 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BM002680.D
Acq: 11 Sep 2015 10:28

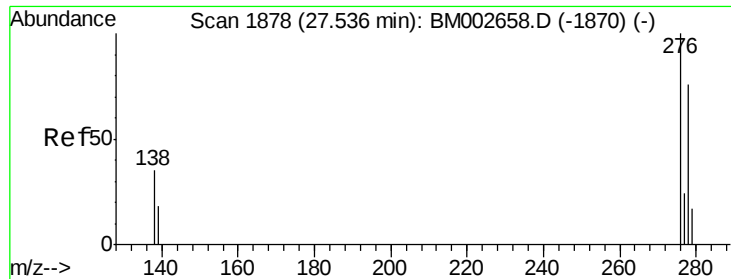
Tot Ion:252 Resp: 29409
Ion Ratio Lower Upper
252 100
253 23.3 20.8 31.2
125 17.0 12.2 18.4



#25
Benzo(a)pyrene
Concen: 0.37 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BM002680.D
Acq: 11 Sep 2015 10:28

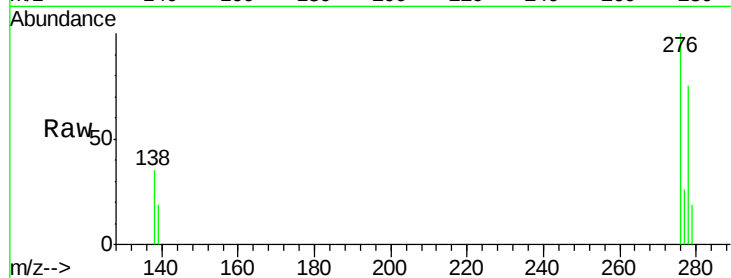
Tgt Ion:252 Resp: 29576
Ion Ratio Lower Upper
252 100
253 23.9 21.8 32.8
125 18.6 14.5 21.7



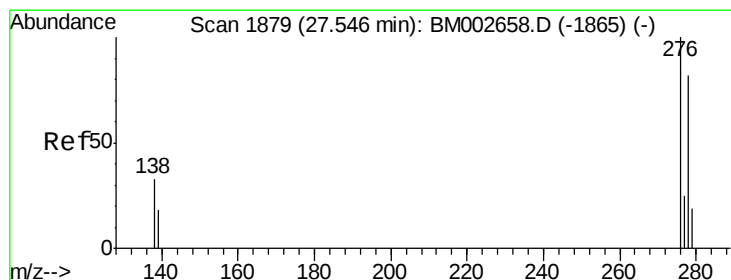
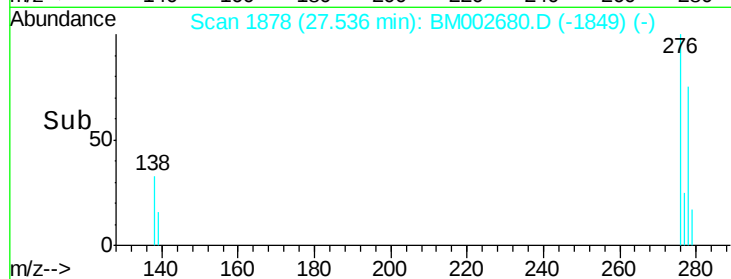
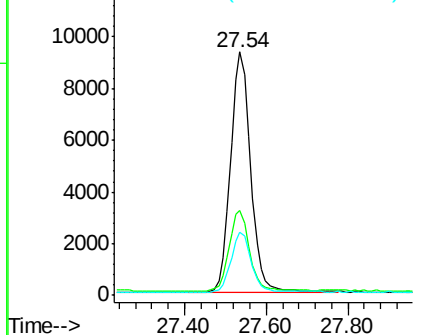


#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.34 ng/ul
 RT: 27.54 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BM002680.D
 Acq: 11 Sep 2015 10:28

Tot Ion:276 Resp: 32202
 Ion Ratio Lower Upper
 276 100
 138 33.1 27.5 41.3
 277 24.5 19.3 28.9

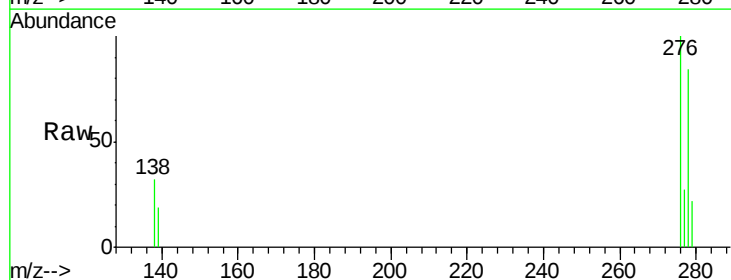


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

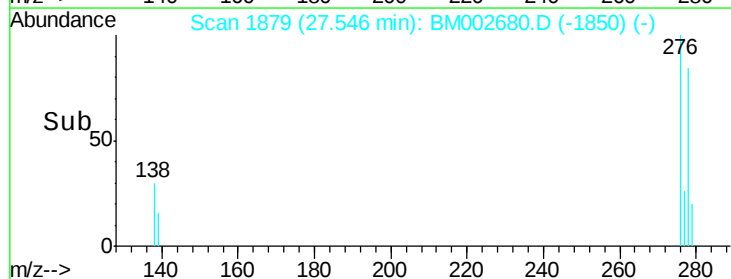
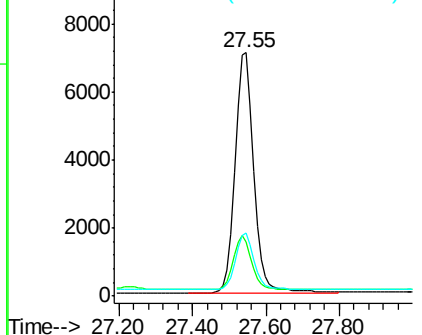


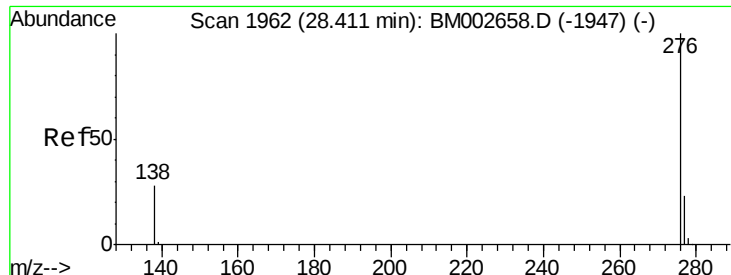
#27
 Dibenzo(a,h)anthracene
 Concen: 0.32 ng/ul
 RT: 27.55 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BM002680.D
 Acq: 11 Sep 2015 10:28

Tgt Ion:278 Resp: 24835
 Ion Ratio Lower Upper
 278 100
 139 22.3 21.7 32.5
 279 26.0 21.9 32.9



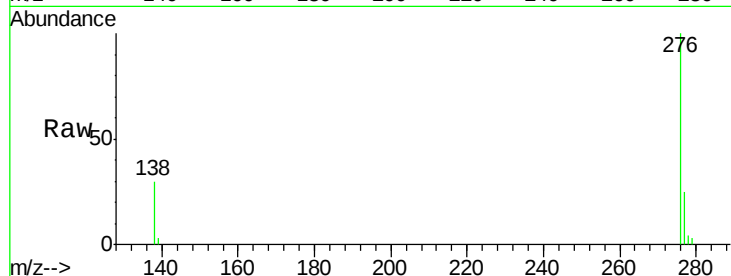
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#28
 Benzo(a,h,i)perylene
 Concen: 0.36 ng/ul
 RT: 28.40 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BM002680.D
 Acq: 11 Sep 2015 10:28

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	21.3	31.9
138	29.9	25.5	38.3



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

