

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002689.D
 Acq On : 11 Sep 2015 19:50
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 01:36:23 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 : Sat Sep 12 01:33:03 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	10872	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	41916	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	17279	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	29684	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	25825	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	24795	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.82	96	9301	0.85	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.17	152	20353	0.36	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	26090	0.39	ng/ul	0.00

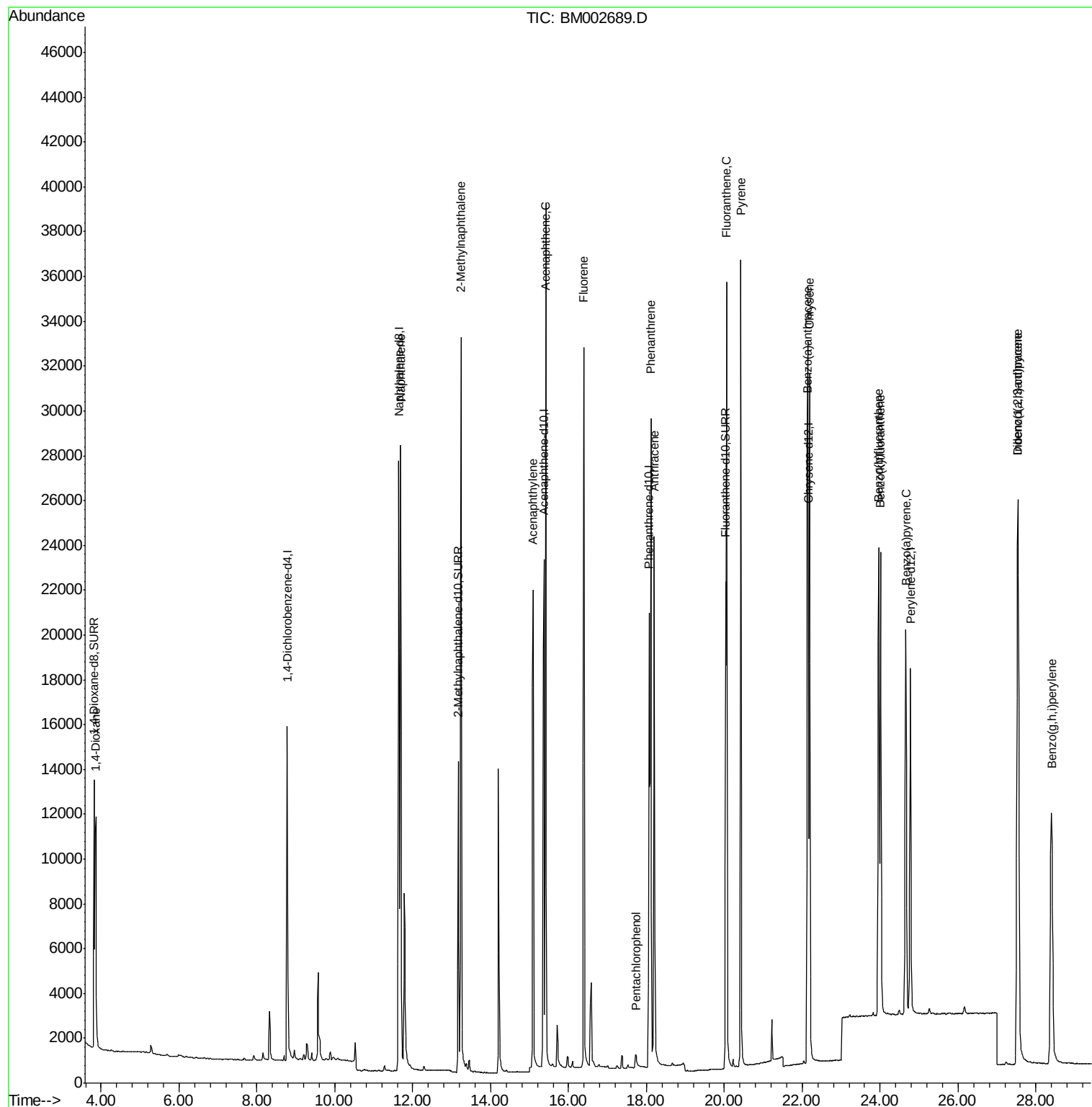
Target Compounds

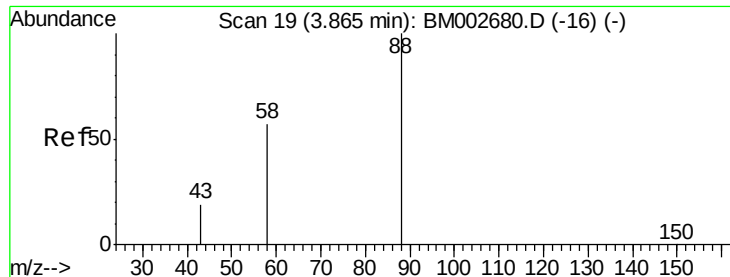
						Ovalue
3) 1,4-Dioxane	3.87	88	10465	0.83	ng/ul	97
5) Naphthalene	11.69	128	41126	0.38	ng/ul	98
7) 2-Methylnaphthalene	13.24	142	26234	0.36	ng/ul	99
9) Acenaphthylene	15.09	152	33588	0.36	ng/ul	95
10) Acenaphthene	15.42	153	24049	0.37	ng/ul	90
11) Fluorene	16.39	166	24297	0.35	ng/ul	85
13) Pentachlorophenol	17.72	266	997	0.35	ng/ul	94
14) Phenanthrene	18.11	178	33330	0.38	ng/ul	97
15) Anthracene	18.20	178	32387	0.37	ng/ul	97
17) Fluoranthene	20.06	202	35179	0.38	ng/ul	97
19) Pyrene	20.42	202	36141	0.37	ng/ul	96
20) Benzo(a)anthracene	22.13	228	30563	0.36	ng/ul	98
21) Chrysene	22.19	228	31302	0.38	ng/ul	96
23) Benzo(b)fluoranthene	23.96	252	31321	0.36	ng/ul	98
24) Benzo(k)fluoranthene	24.01	252	31778	0.39	ng/ul	97
25) Benzo(a)pyrene	24.66	252	30070	0.37	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	27.54	276	33083	0.34	ng/ul	98
27) Dibenzo(a,h)anthracene	27.54	278	25568	0.32	ng/ul	95
28) Benzo(g,h,i)perylene	28.40	276	29700	0.36	ng/ul	97

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

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#3

1,4-Dioxane

Concen: 0.83 ng/ul

RT: 3.87 min Scan# 19

Delta R.T. 0.00 min

Lab File: BM002689.D

Acq: 11 Sep 2015 19:50

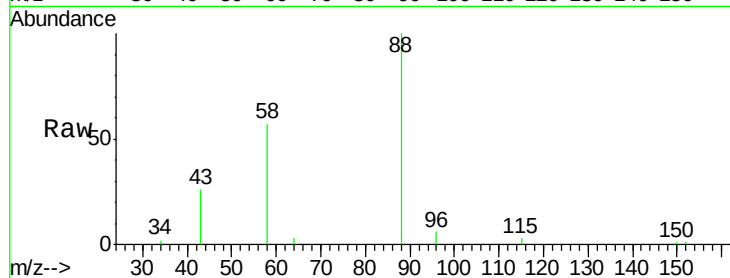
Tot Ion: 88 Resp: 10465

Ion Ratio Lower Upper

88 100

58 72.5 55.4 83.2

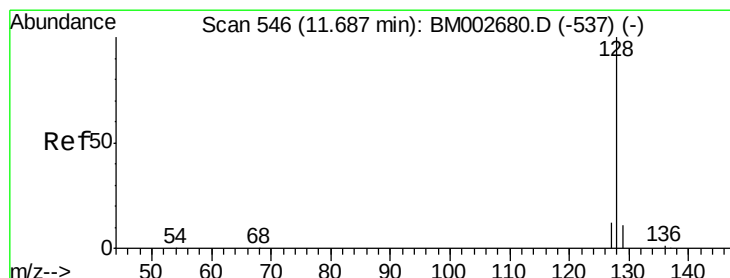
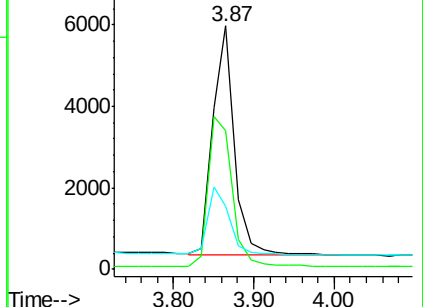
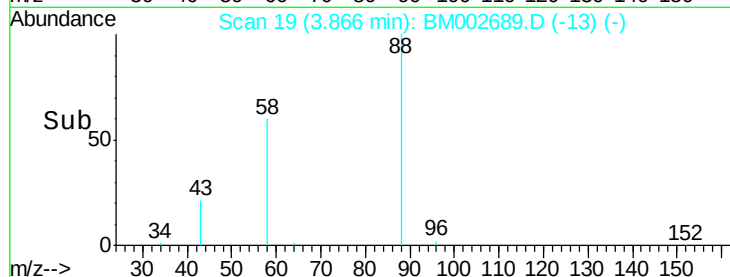
43 30.5 24.2 36.2



Abundance Ion 88.00 (87.70 to 88.70): BM002689.D (-13) (-)

Ion 58.00 (57.70 to 58.70): BM002689.D (-13) (-)

Ion 43.00 (42.70 to 43.70): BM002689.D (-13) (-)



#5

Naphthalene

Concen: 0.38 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002689.D

Acq: 11 Sep 2015 19:50

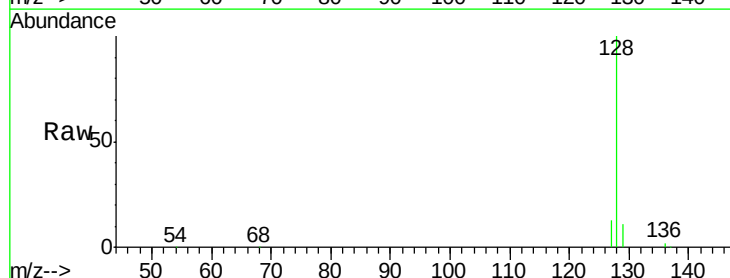
Tgt Ion: 128 Resp: 41126

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

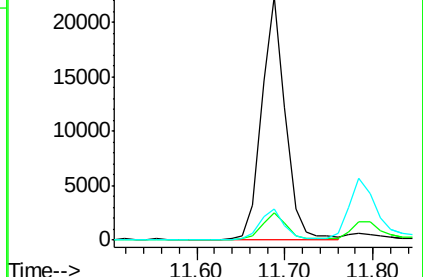
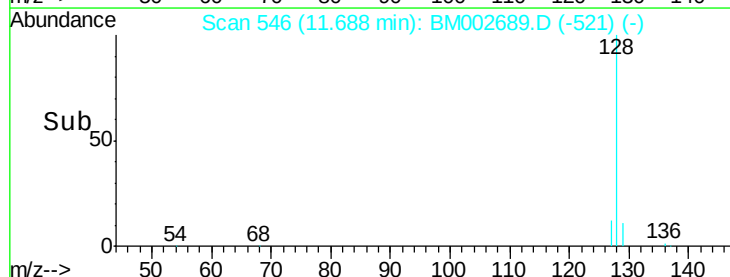
127 12.6 10.7 16.1

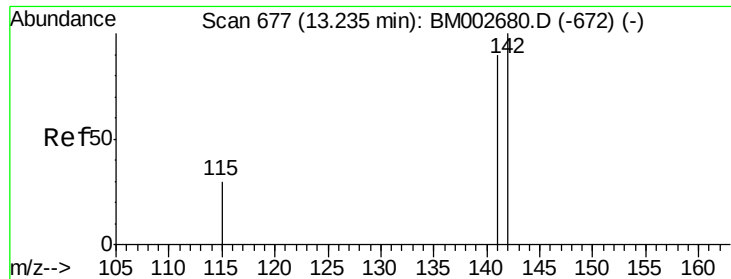


Abundance Ion 128.00 (127.70 to 128.70): BM002689.D (-521) (-)

Ion 129.00 (128.70 to 129.70): BM002689.D (-521) (-)

Ion 127.00 (126.70 to 127.70): BM002689.D (-521) (-)





#7

2-Methylnaphthalene

Concen: 0.36 ng/ul

RT: 13.24 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM002689.D

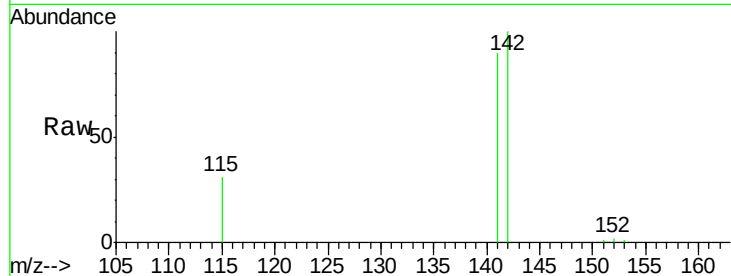
Acq: 11 Sep 2015 19:50

Tot Ion:142 Resp: 26234

Ion Ratio Lower Upper

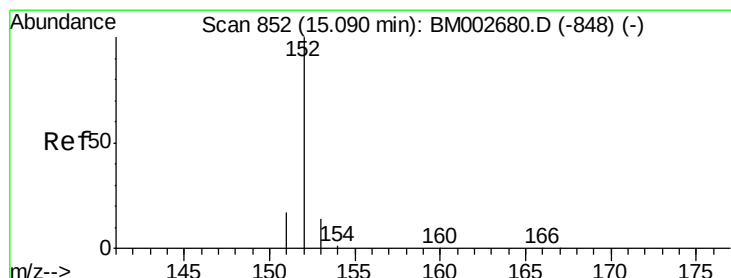
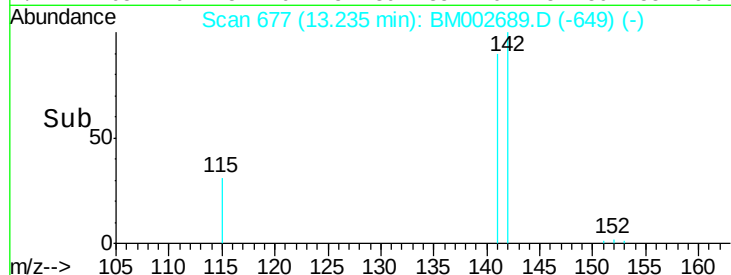
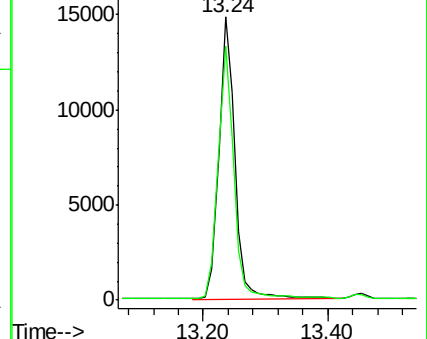
142 100

141 89.1 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: 0.36 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM002689.D

Acq: 11 Sep 2015 19:50

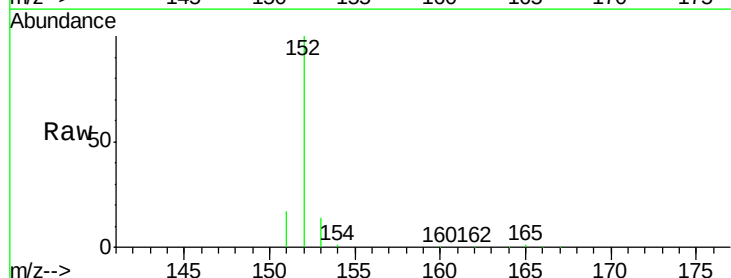
Tgt Ion:152 Resp: 33588

Ion Ratio Lower Upper

152 100

151 17.2 16.8 25.2

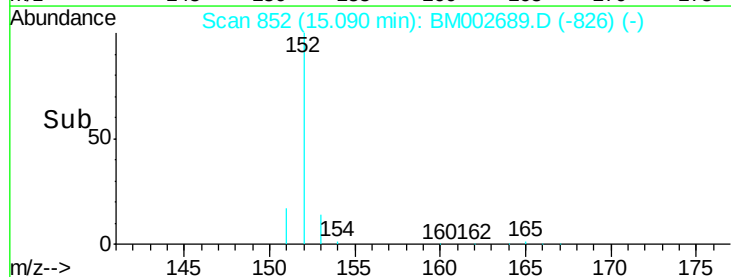
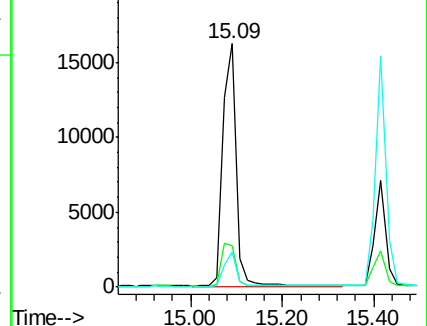
153 14.4 11.3 16.9

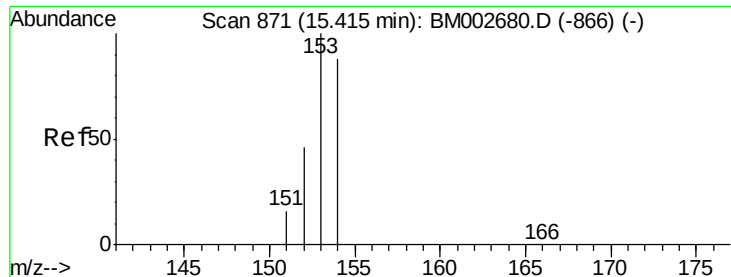


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.37 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002689.D

Acq: 11 Sep 2015 19:50

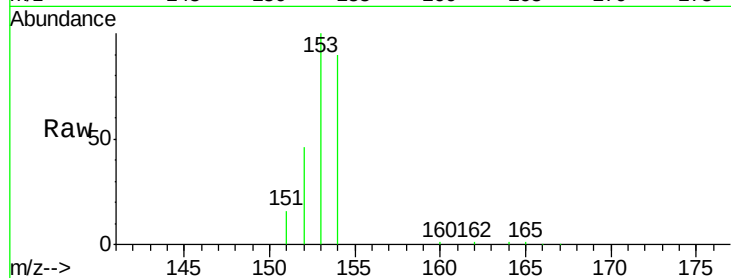
Tot Ion:153 Resp: 24049

Ion Ratio Lower Upper

153 100

152 46.1 42.3 63.5

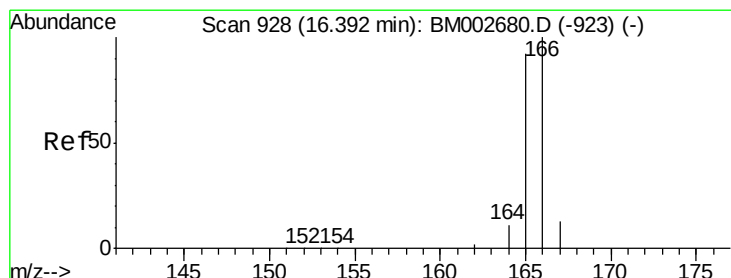
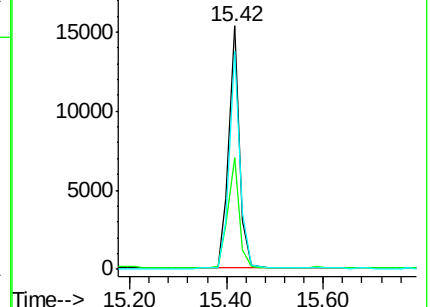
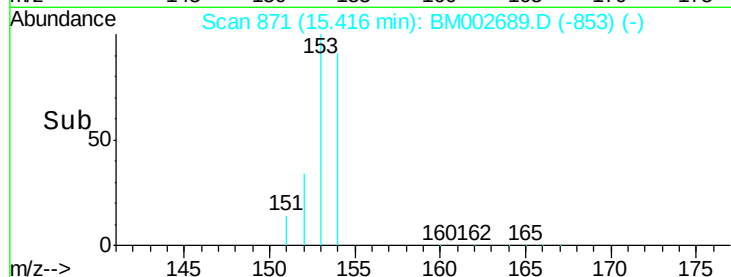
154 89.5 64.7 97.1



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



#11

Fluorene

Concen: 0.35 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM002689.D

Acq: 11 Sep 2015 19:50

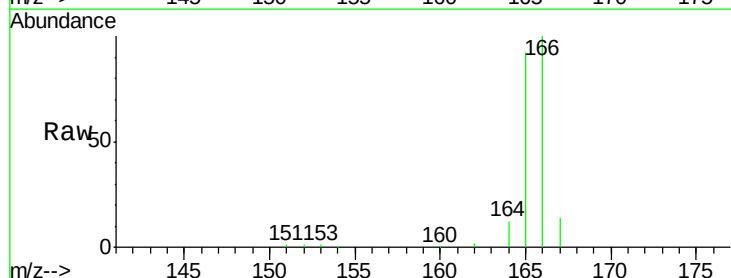
Tgt Ion:166 Resp: 24297

Ion Ratio Lower Upper

166 100

165 91.9 87.6 131.4

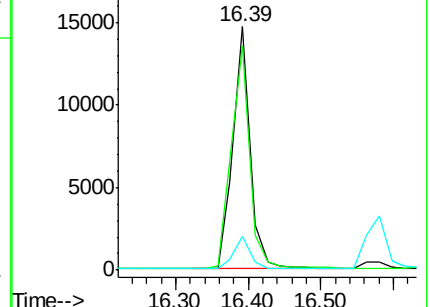
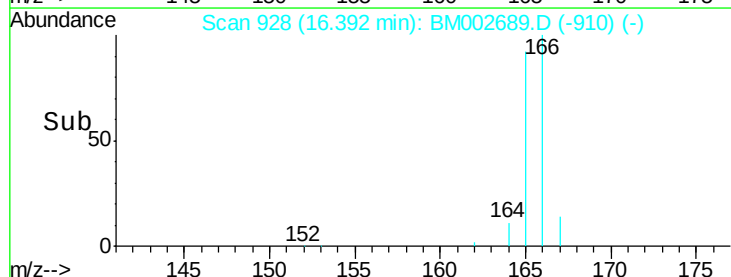
167 13.9 11.1 16.7

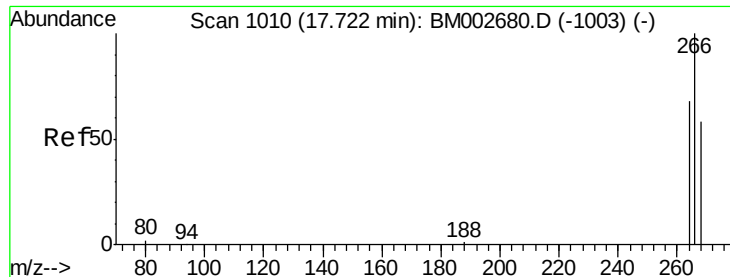


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

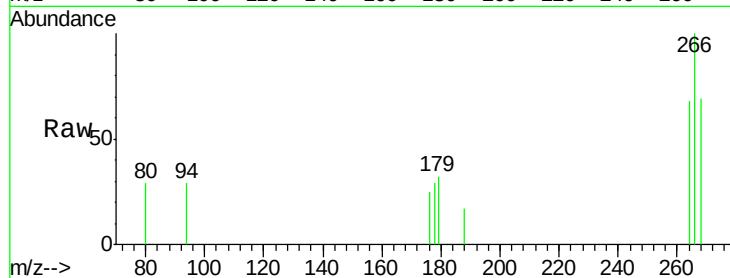
Ion 167.00 (166.70 to 167.70): E



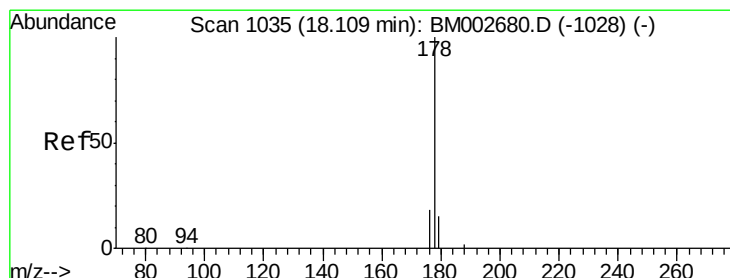
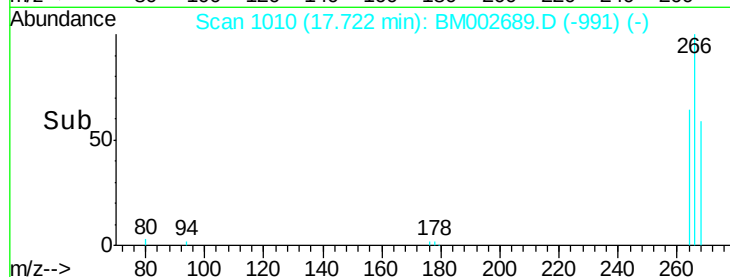
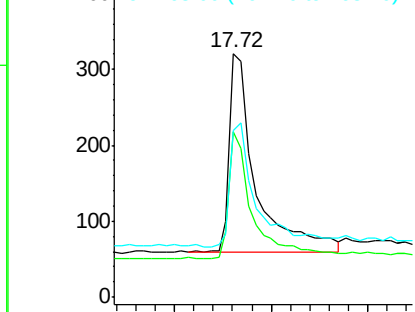


#13
 Pentachlorophenol
 Concen: 0.35 ng/ul
 RT: 17.72 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BM002689.D
 Acq: 11 Sep 2015 19:50

Tot Ion	Ratio	Lower	Upper
266	100		
264	59.9	53.5	80.3
268	64.9	54.2	81.2

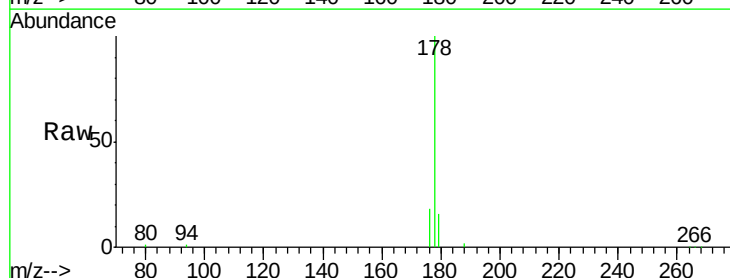


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

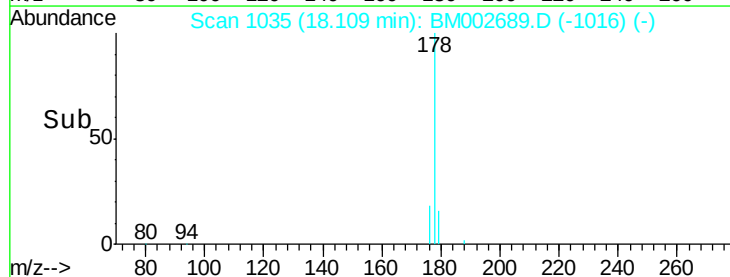
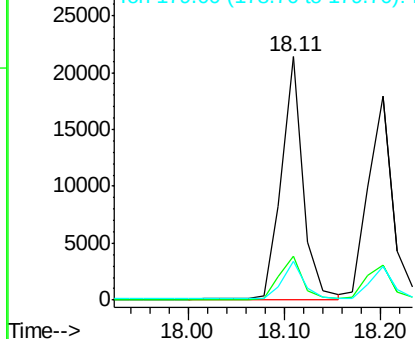


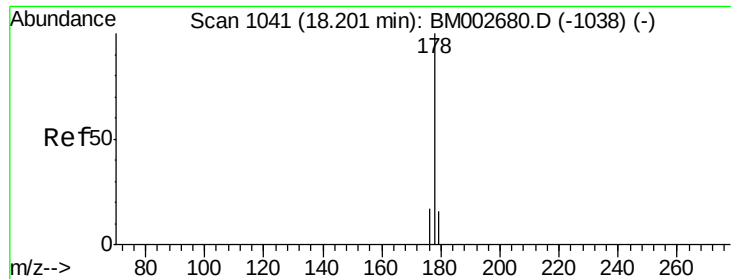
#14
 Phenanthrene
 Concen: 0.38 ng/ul
 RT: 18.11 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BM002689.D
 Acq: 11 Sep 2015 19:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	16.0	12.8	19.2



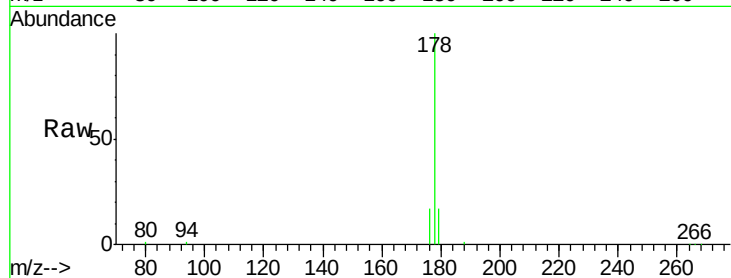
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



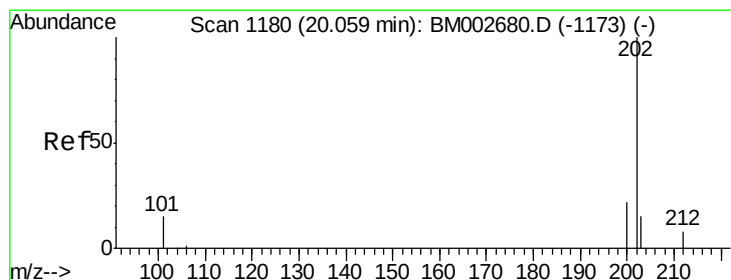
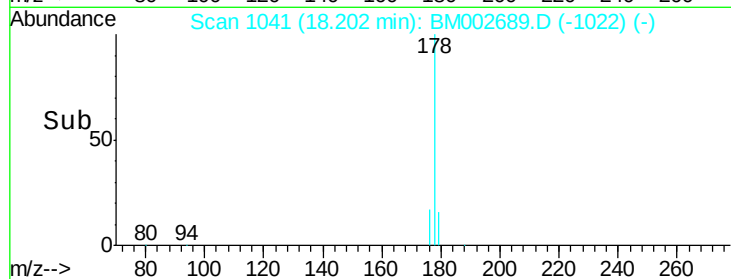
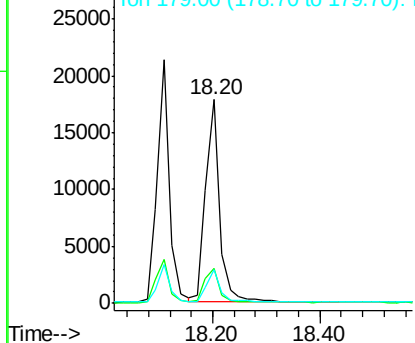


#15
 Anthracene
 Concen: 0.37 ng/ul
 RT: 18.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BM002689.D
 Acq: 11 Sep 2015 19:50

Tot Ion:178 Resp: 32387
 Ion Ratio Lower Upper
 178 100
 176 17.1 15.8 23.8
 179 16.6 13.3 19.9

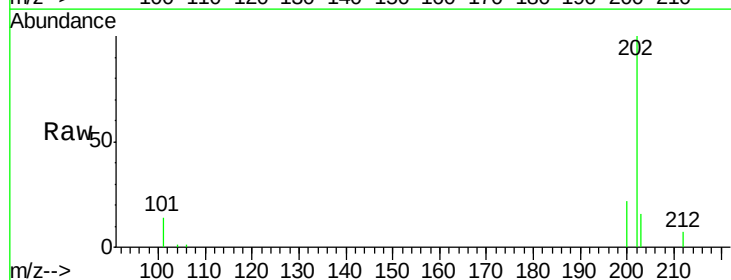


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

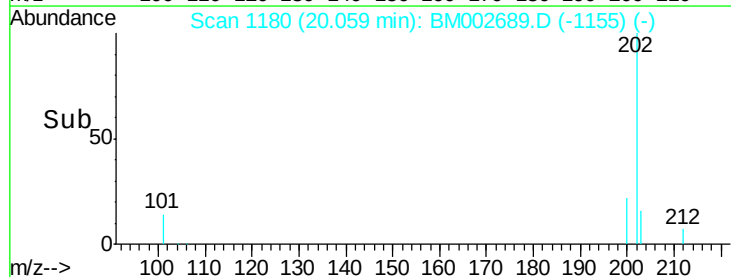
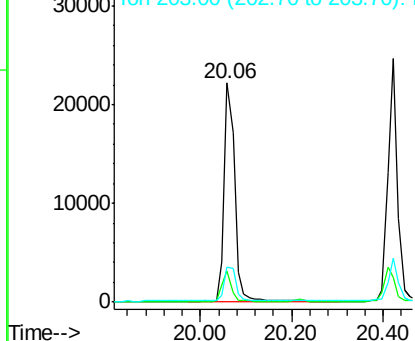


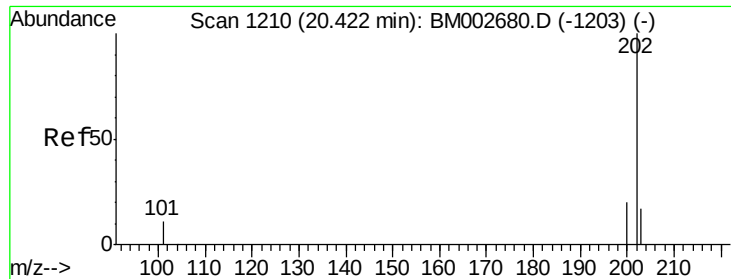
#17
 Fluoranthene
 Concen: 0.38 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BM002689.D
 Acq: 11 Sep 2015 19:50

Tgt Ion:202 Resp: 35179
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 33.1
 203 16.0 0.0 37.2



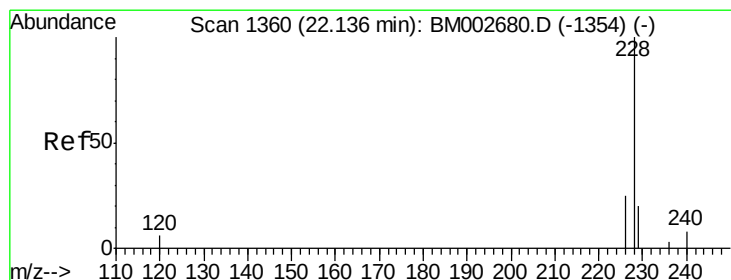
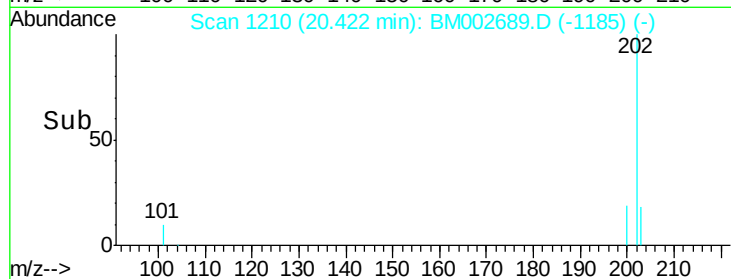
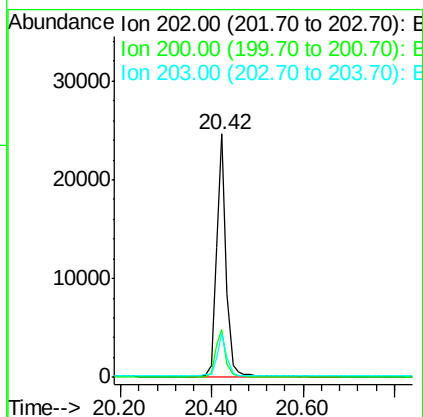
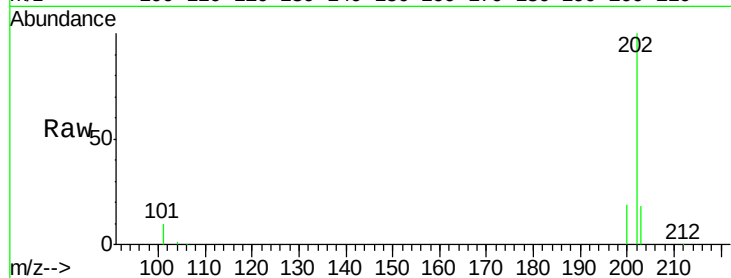
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





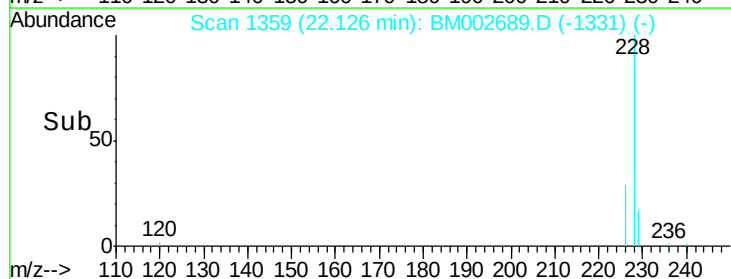
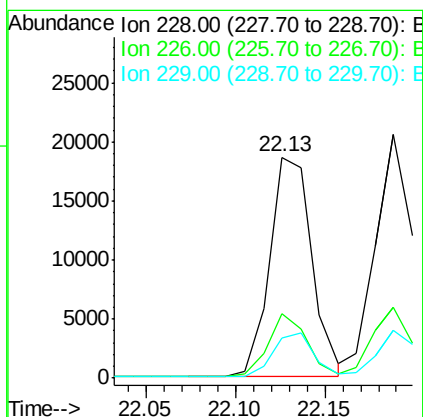
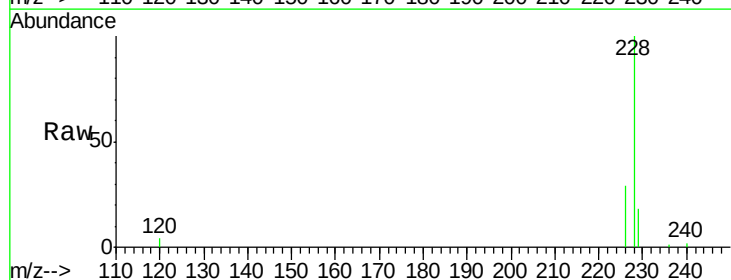
#19
Pvrene
Concen: 0.37 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM002689.D
Acq: 11 Sep 2015 19:50

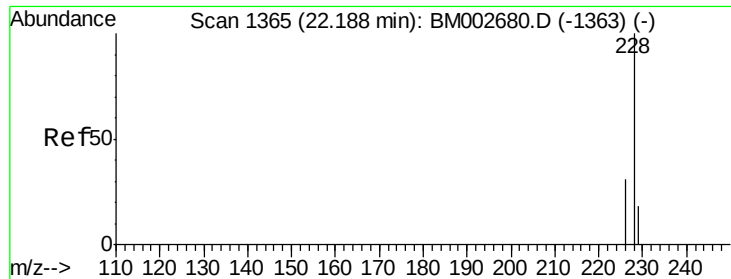
Tot Ion:202 Resp: 36141
Ion Ratio Lower Upper
202 100
200 19.5 18.0 27.0
203 18.0 13.8 20.6



#20
Benzo(a)anthracene
Concen: 0.36 ng/ul
RT: 22.13 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BM002689.D
Acq: 11 Sep 2015 19:50

Tgt Ion:228 Resp: 30563
Ion Ratio Lower Upper
228 100
226 29.3 23.0 34.4
229 17.9 15.2 22.8

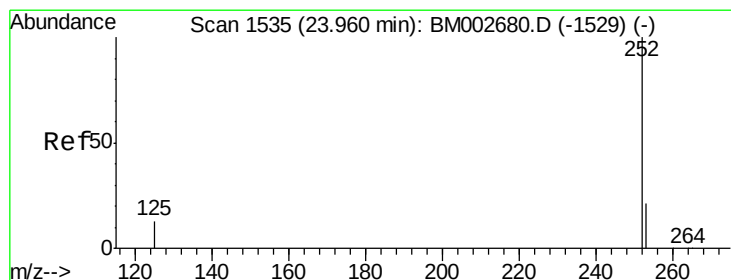
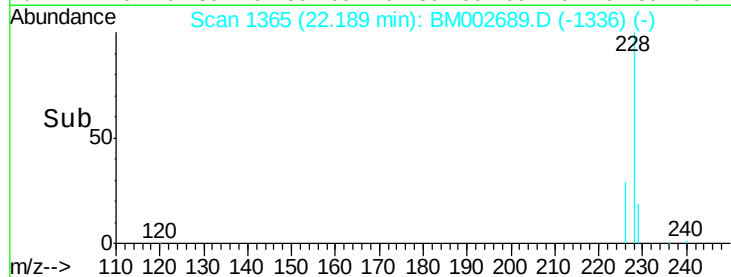
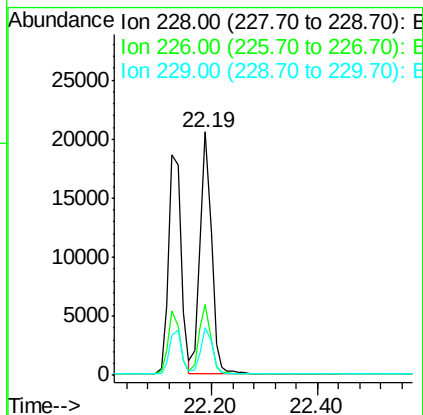
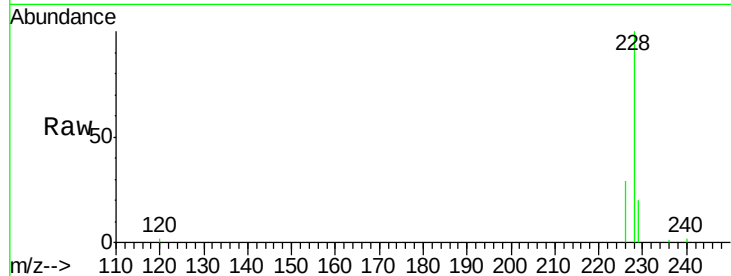




#21
Chrysene
Concen: 0.38 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BM002689.D
Acq: 11 Sep 2015 19:50

Tot Ion:228 Resp: 31302

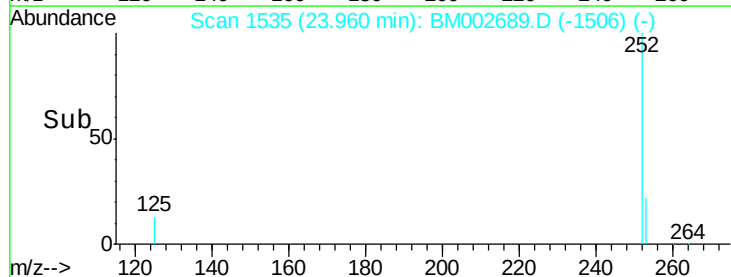
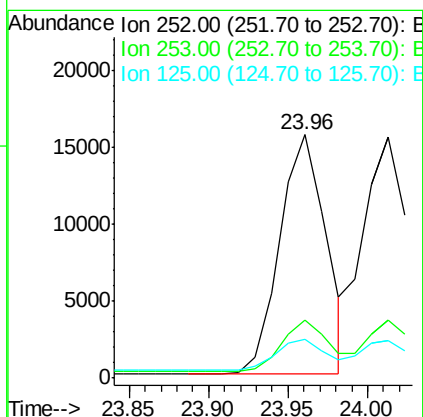
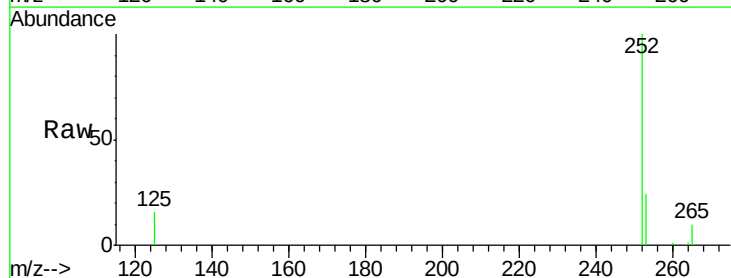
Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.7	38.5
229	19.8	15.2	22.8

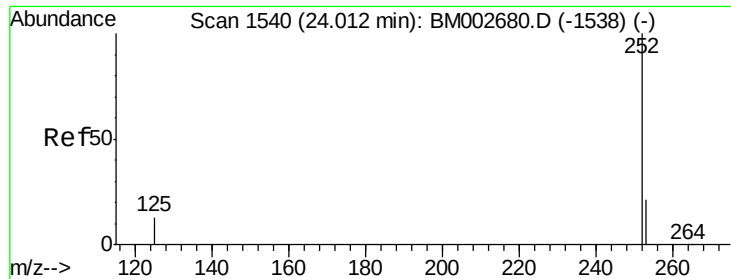


#23
Benzo(b)fluoranthene
Concen: 0.36 ng/ul
RT: 23.96 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM002689.D
Acq: 11 Sep 2015 19:50

Tgt Ion:252 Resp: 31321

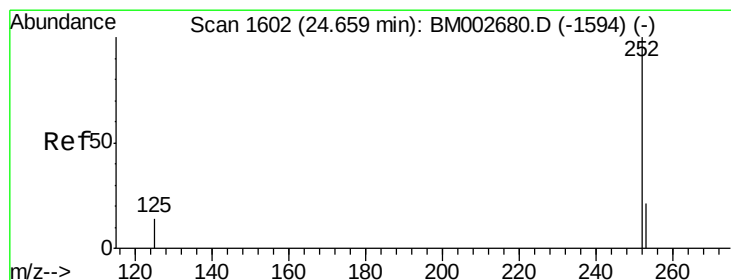
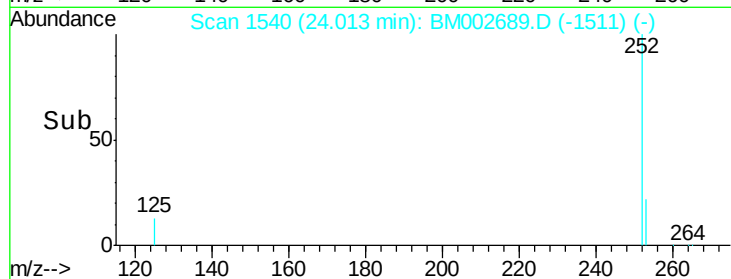
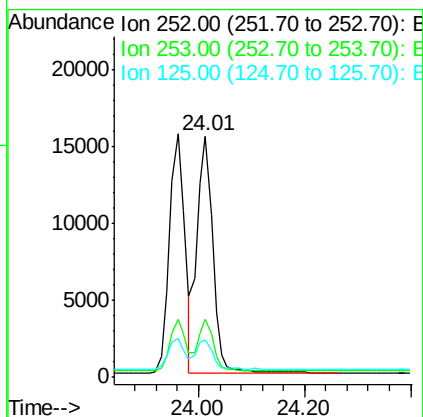
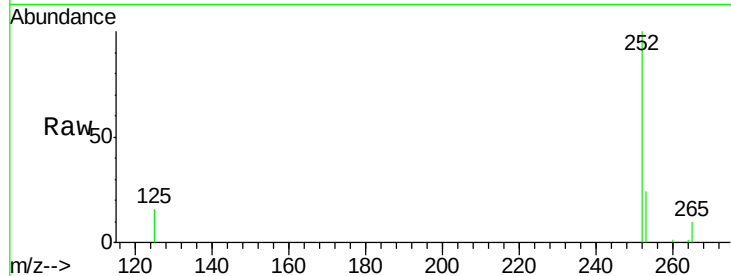
Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	48.0
125	16.1	0.0	36.6





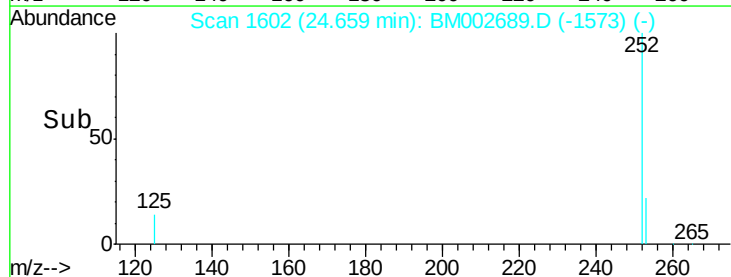
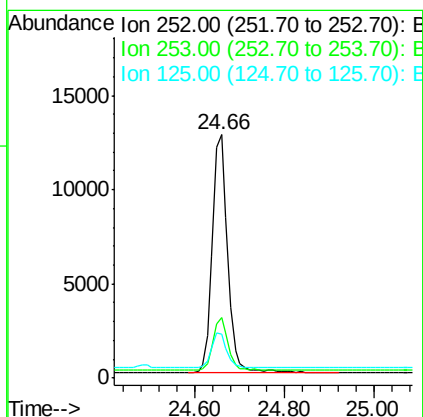
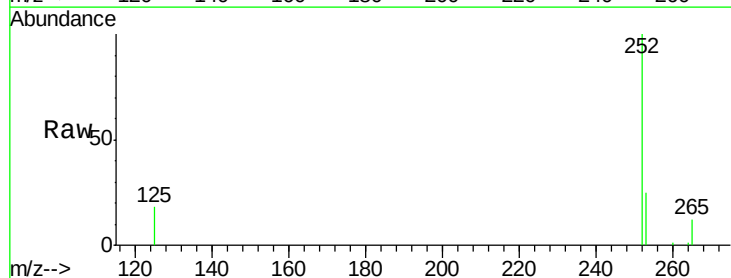
#24
Benzo(k)fluoranthene
Concen: 0.39 ng/ul
RT: 24.01 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BM002689.D
Acq: 11 Sep 2015 19:50

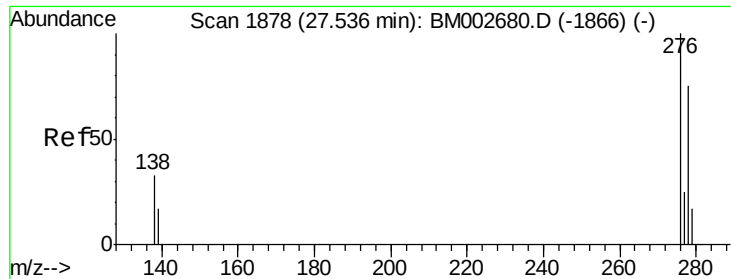
Tot Ion:252 Resp: 31778
Ion Ratio Lower Upper
252 100
253 23.8 20.8 31.2
125 15.8 12.2 18.4



#25
Benzo(a)pyrene
Concen: 0.37 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BM002689.D
Acq: 11 Sep 2015 19:50

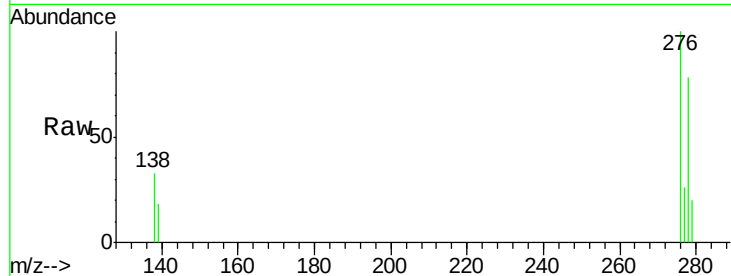
Tgt Ion:252 Resp: 30070
Ion Ratio Lower Upper
252 100
253 24.9 21.8 32.8
125 18.0 14.5 21.7



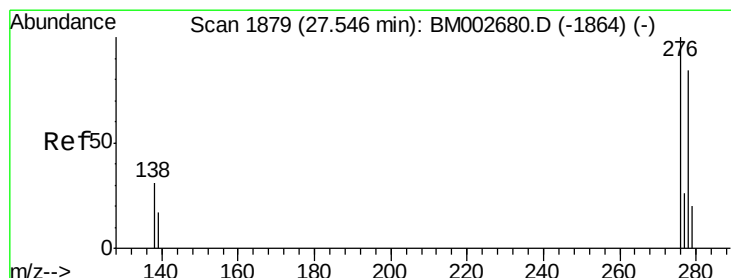
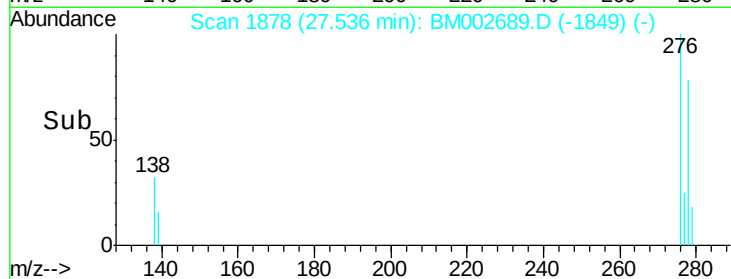
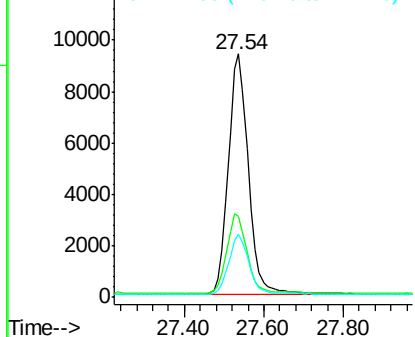


#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.34 ng/ul
 RT: 27.54 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BM002689.D
 Acq: 11 Sep 2015 19:50

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	27.5	41.3
277	24.8	19.3	28.9

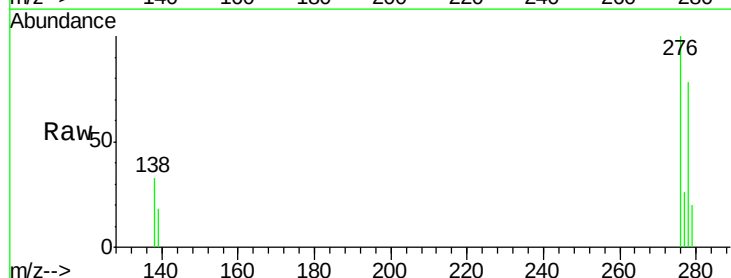


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

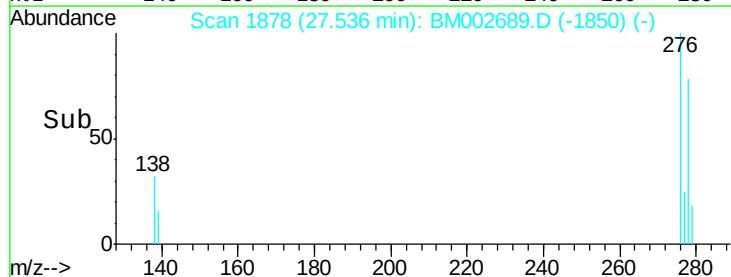
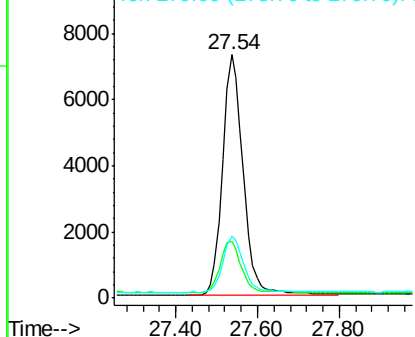


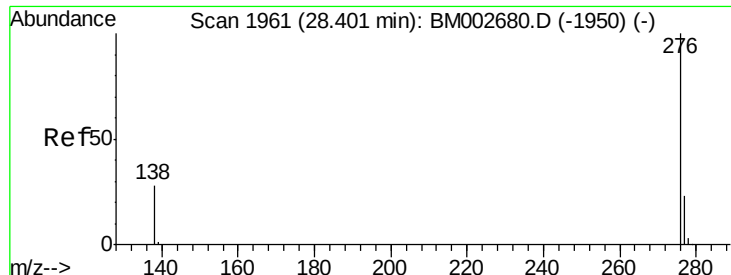
#27
 Dibenzo(a,h)anthracene
 Concen: 0.32 ng/ul
 RT: 27.54 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BM002689.D
 Acq: 11 Sep 2015 19:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	21.7	32.5
279	25.6	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. 0.00 min

Lab File: BM002689.D

Acq: 11 Sep 2015 19:50

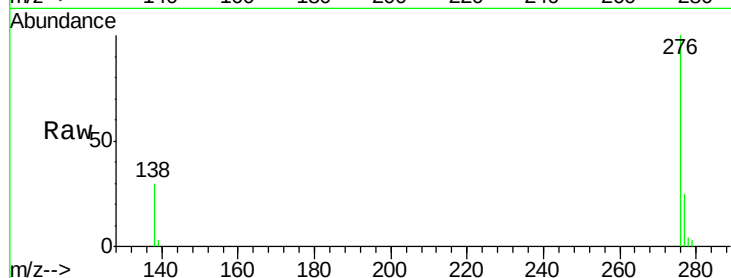
Tot Ion: 276 Resp: 29700

Ion Ratio Lower Upper

276 100

277 25.1 21.3 31.9

138 29.8 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

