

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002688.D
 Acq On : 11 Sep 2015 19:13
 Operator : UM/IZ
 Sample : MDL-07-W
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 12 01:36:12 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

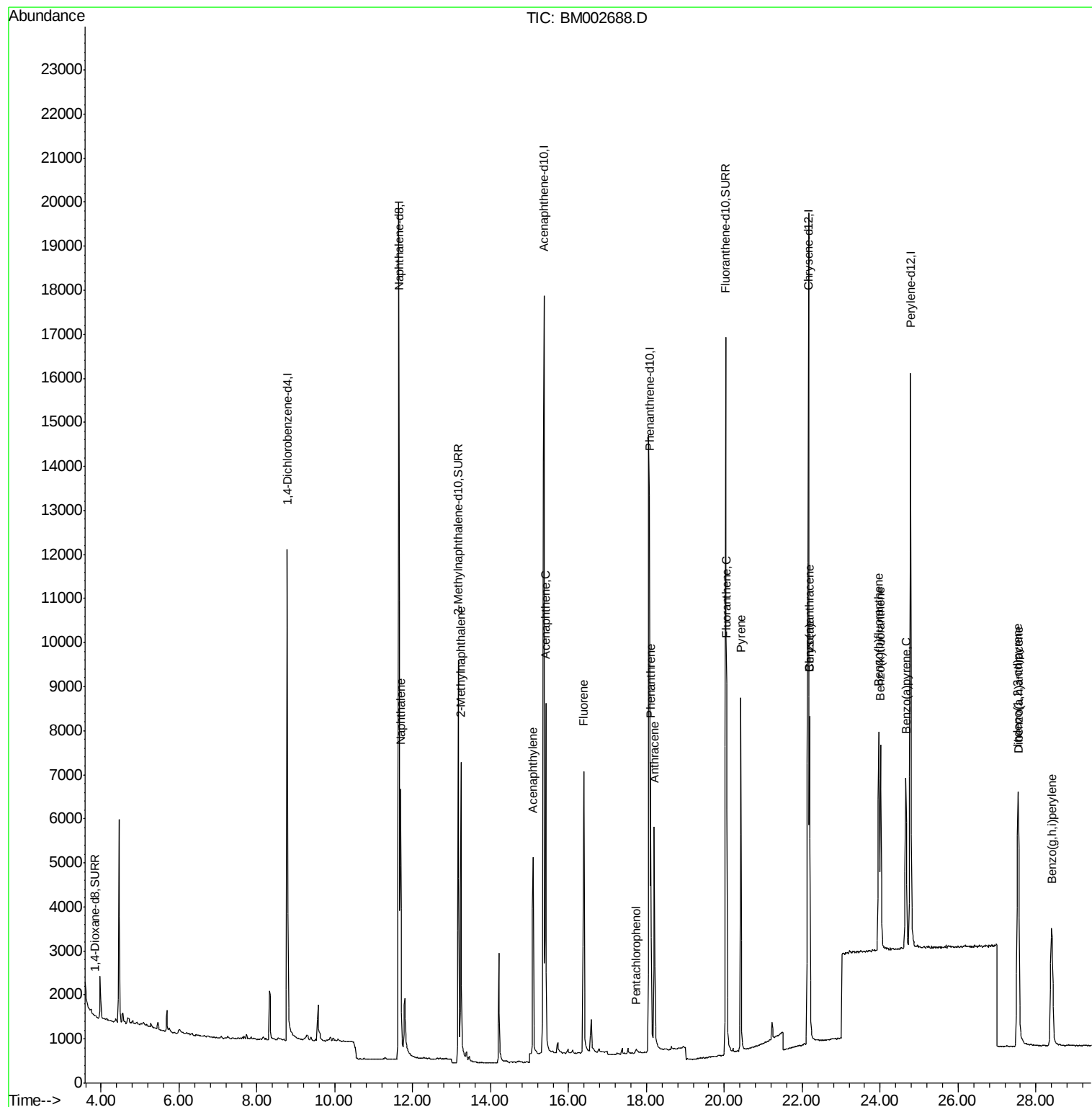
Response via : Initial Calibration

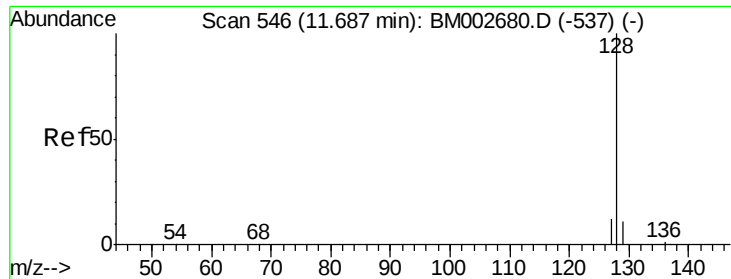
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	8113	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	30624	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	13134	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	24619	0.40	ng/ul	0.01
18) Chrysene-d12	22.16	240	22105	0.40	ng/ul	0.00
22) Perylene-d12	24.78	264	21469	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.83	96	6	0.00	ng/uL	0.02
6) 2-Methylnaphthalene-d10	13.17	152	14047	0.34	ng/ul	0.00
16) Fluoranthene-d10	20.04	212	19728	0.35	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	8608	0.11	ng/ul	100
7) 2-Methylnaphthalene	13.24	142	5712	0.11	ng/ul	95
9) Acenaphthylene	15.09	152	6940	0.10	ng/ul	95
10) Acenaphthene	15.42	153	4934	0.10	ng/ul	92
11) Fluorene	16.39	166	5063	0.10	ng/ul	86
13) Pentachlorophenol	17.74	266	201	0.08	ng/ul	90
14) Phenanthrene	18.11	178	7445	0.10	ng/ul	99
15) Anthracene	18.20	178	6887	0.09	ng/ul	98
17) Fluoranthene	20.06	202	7872	0.10	ng/ul	96
19) Pyrene	20.42	202	8084	0.10	ng/ul	94
20) Benzo(a)anthracene	22.19	228	7395	0.10	ng/ul	95
21) Chrysene	22.19	228	7454	0.11	ng/ul	98
23) Benzo(b)fluoranthene	23.96	252	8070	0.11	ng/ul	86
24) Benzo(k)fluoranthene	24.01	252	6949	0.10	ng/ul#	84
25) Benzo(a)pyrene	24.66	252	6959	0.10	ng/ul#	83
26) Indeno(1,2,3-cd)pyrene	27.54	276	8125	0.10	ng/ul	98
27) Dibenzo(a,h)anthracene	27.55	278	6215	0.09	ng/ul	92
28) Benzo(a,h,i)perylene	28.40	276	7244	0.10	ng/ul	94

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
Data File : BM002688.D
Acq On : 11 Sep 2015 19:13
Operator : UM/IZ
Sample : MDL-07-W
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 12 01:36:12 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





#5

Naphthalene

Concen: 0.11 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002688.D

Acq: 11 Sep 2015 19:13

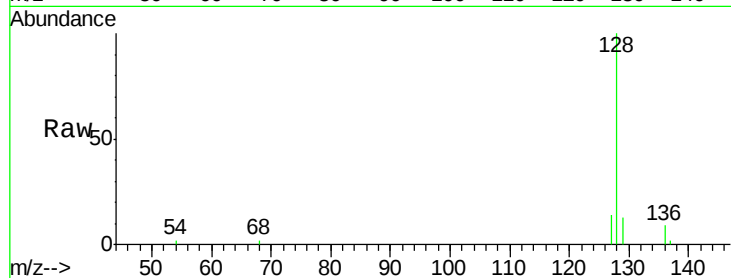
Tot Ion:128 Resp: 8608

Ion Ratio Lower Upper

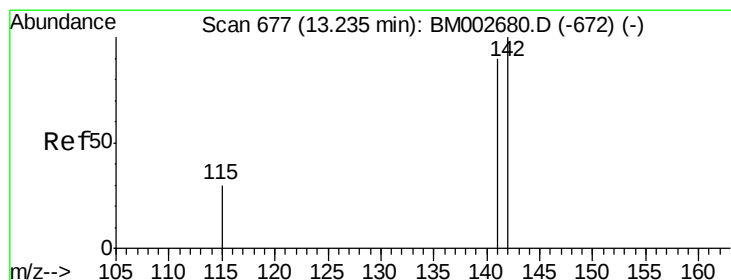
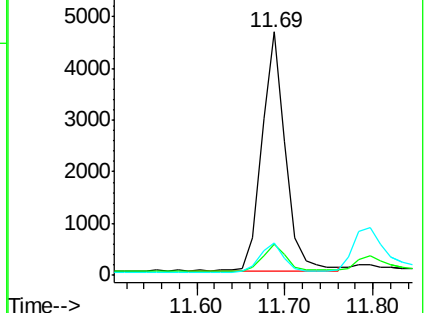
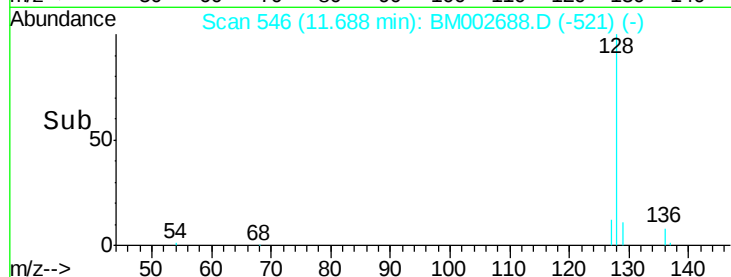
128 100

129 12.5 9.8 14.8

127 13.5 10.7 16.1



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



#7

2-Methylnaphthalene

Concen: 0.11 ng/ul

RT: 13.24 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM002688.D

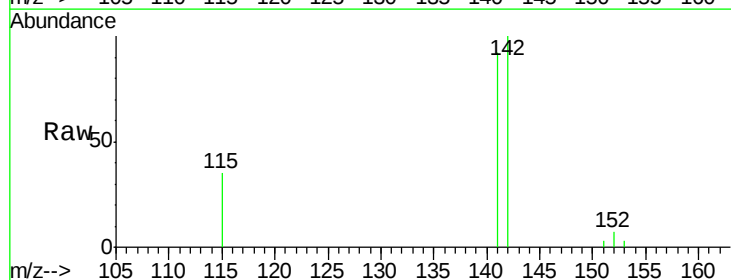
Acq: 11 Sep 2015 19:13

Tgt Ion:142 Resp: 5712

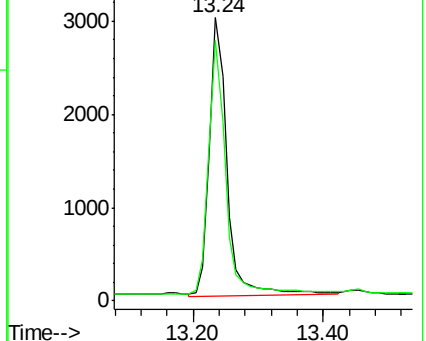
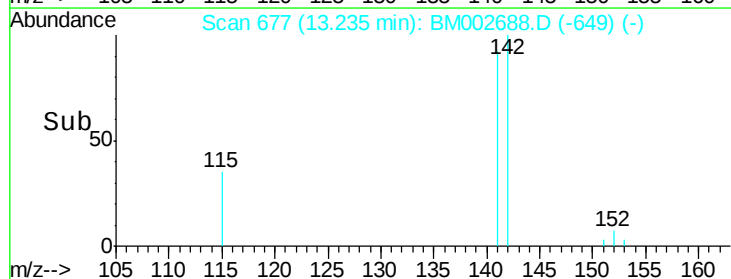
Ion Ratio Lower Upper

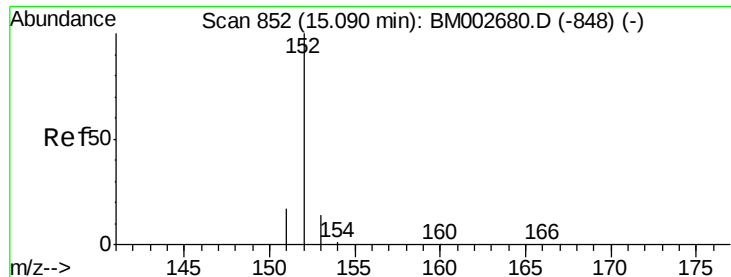
142 100

141 92.8 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: 0.10 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM002688.D

Acq: 11 Sep 2015 19:13

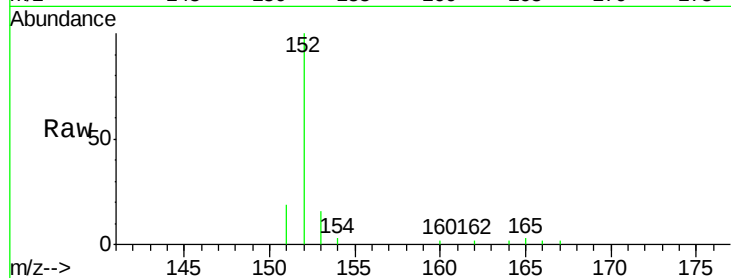
Tot Ion:152 Resp: 6940

Ion Ratio Lower Upper

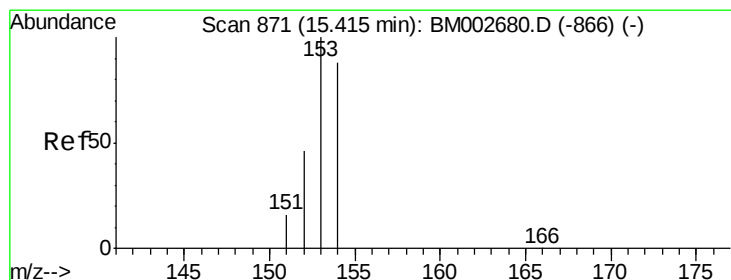
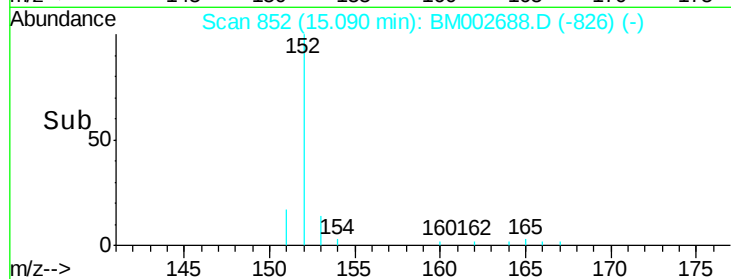
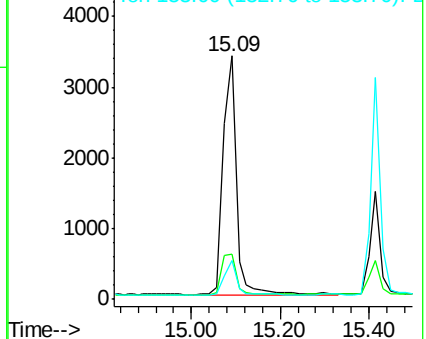
152 100

151 18.6 16.8 25.2

153 15.7 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: 0.10 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002688.D

Acq: 11 Sep 2015 19:13

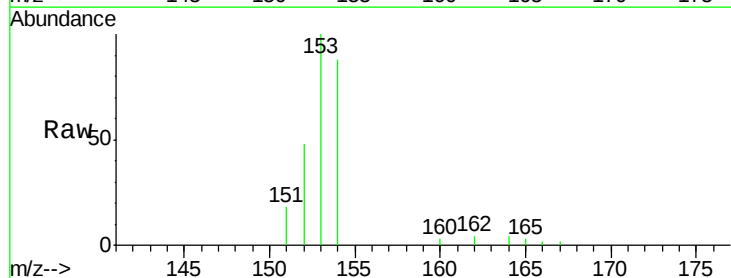
Tgt Ion:153 Resp: 4934

Ion Ratio Lower Upper

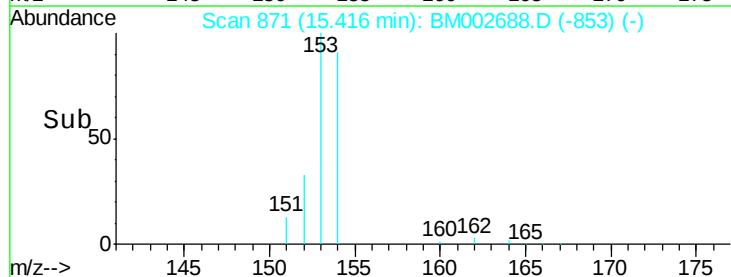
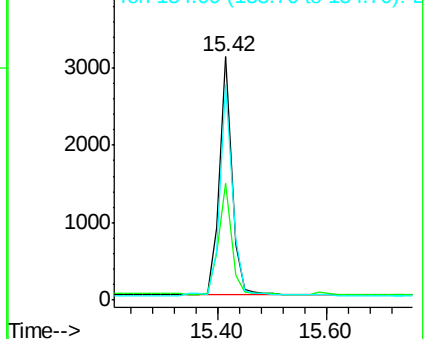
153 100

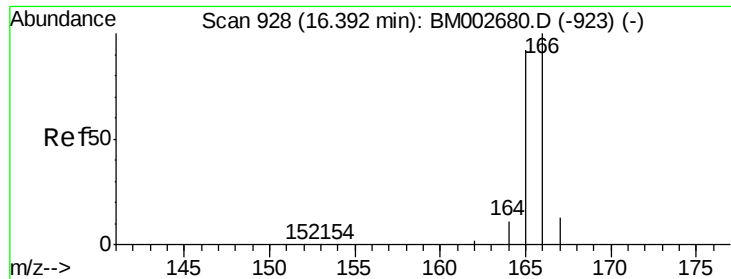
152 48.3 42.3 63.5

154 88.5 64.7 97.1



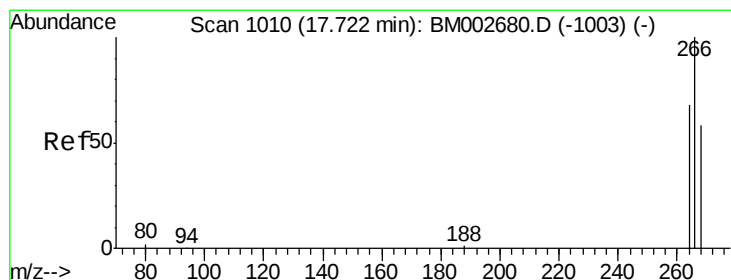
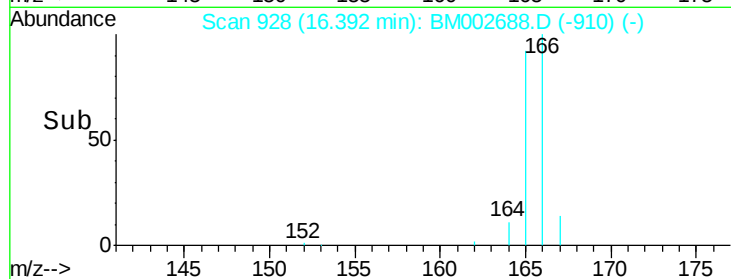
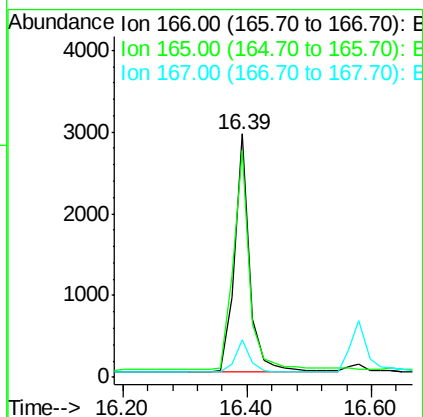
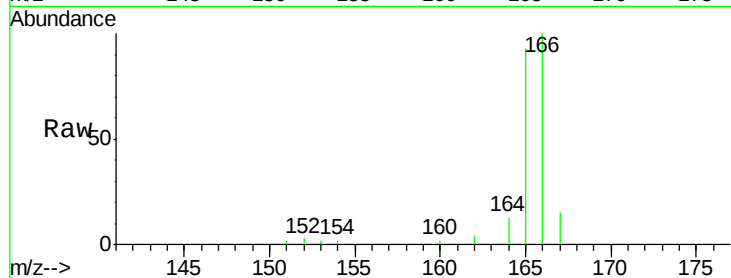
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





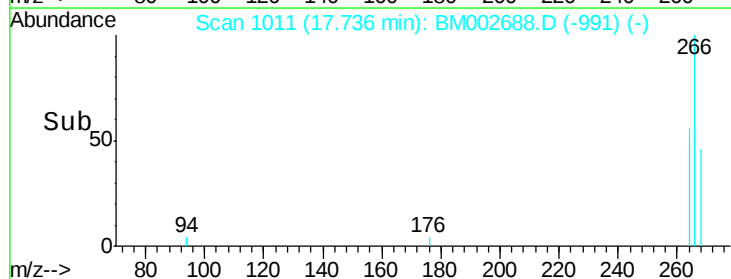
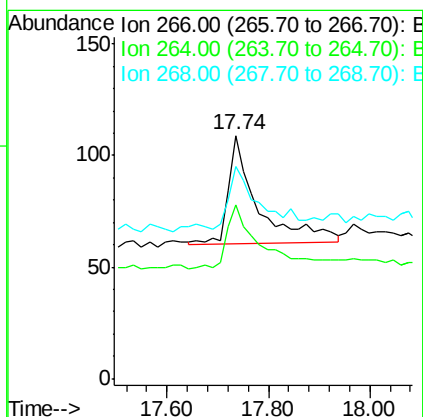
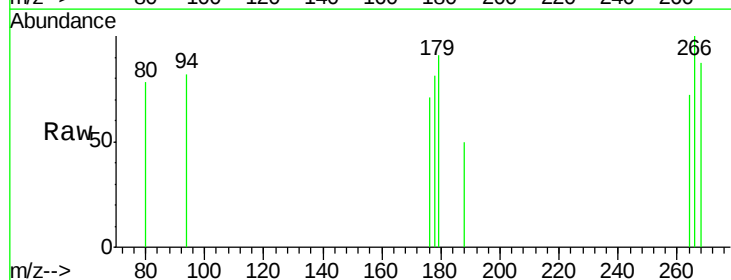
#11
 Fluorene
 Concen: 0.10 ng/ul
 RT: 16.39 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM002688.D
 Acq: 11 Sep 2015 19:13

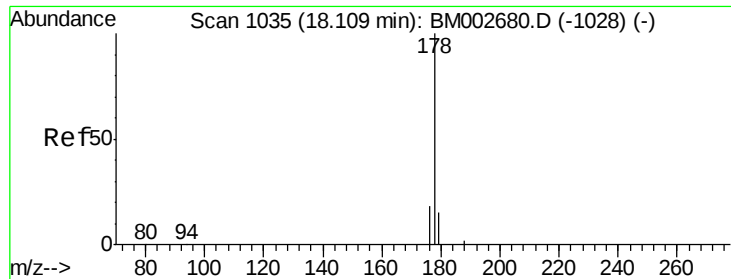
Tot Ion	Ratio	Lower	Upper
166	100		
165	93.5	87.6	131.4
167	15.4	11.1	16.7



#13
 Pentachlorophenol
 Concen: 0.08 ng/ul
 RT: 17.74 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: BM002688.D
 Acq: 11 Sep 2015 19:13

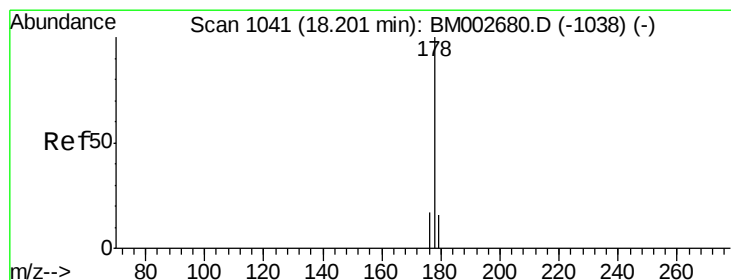
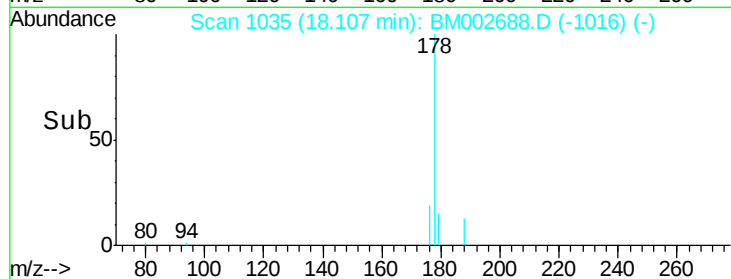
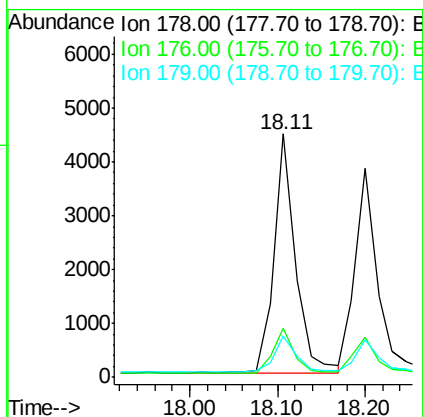
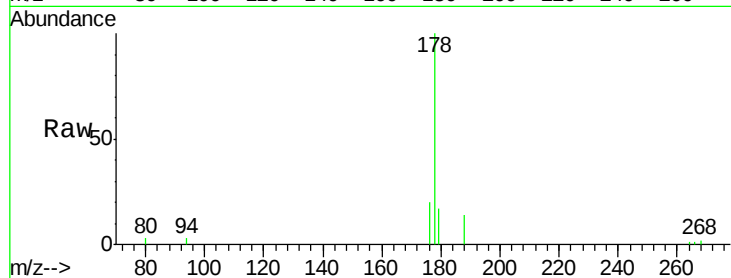
Tgt Ion	Ratio	Lower	Upper
266	100		
264	74.1	53.5	80.3
268	59.2	54.2	81.2





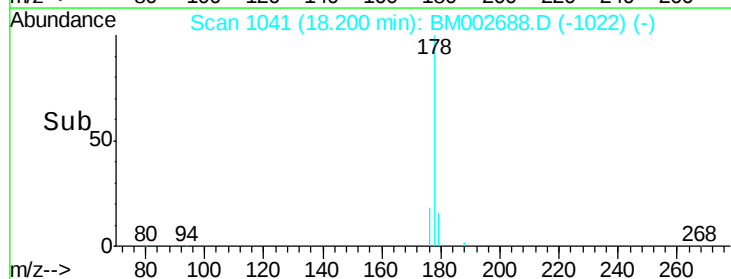
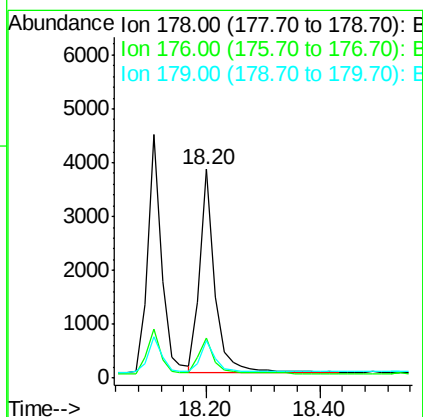
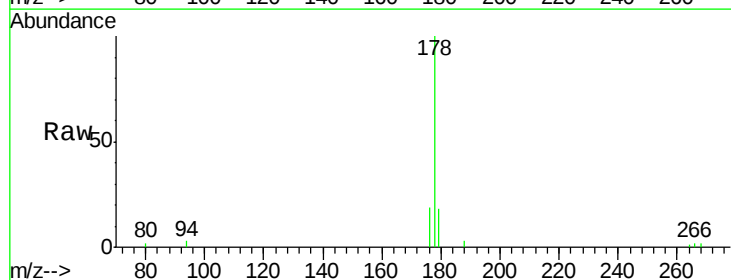
#14
Phenanthrene
Concen: 0.10 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002688.D
Acq: 11 Sep 2015 19:13

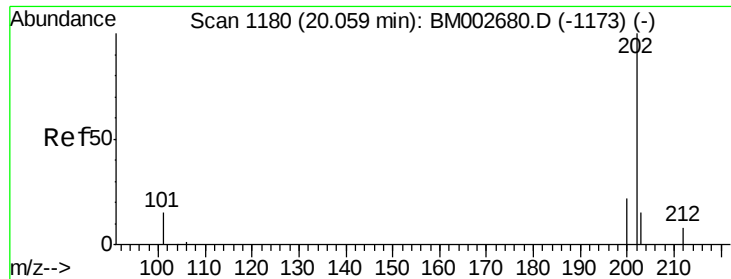
Tot Ion:178 Resp: 7445
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 16.9 12.8 19.2



#15
Anthracene
Concen: 0.09 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM002688.D
Acq: 11 Sep 2015 19:13

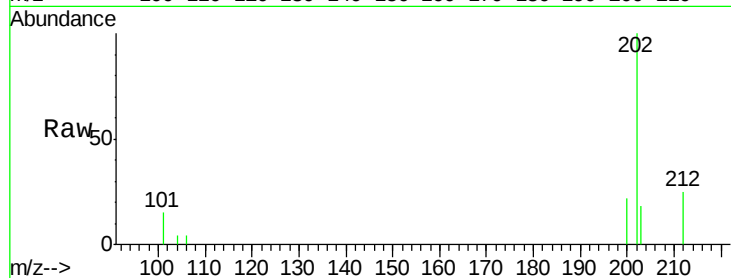
Tgt Ion:178 Resp: 6887
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 17.8 13.3 19.9



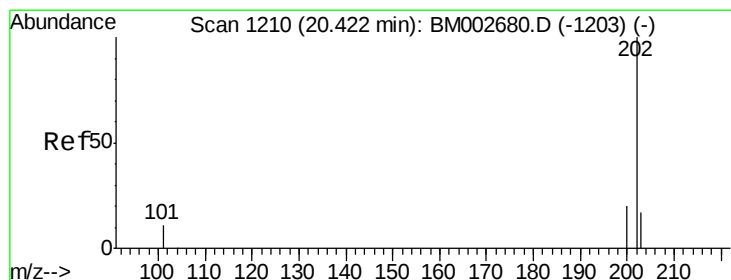
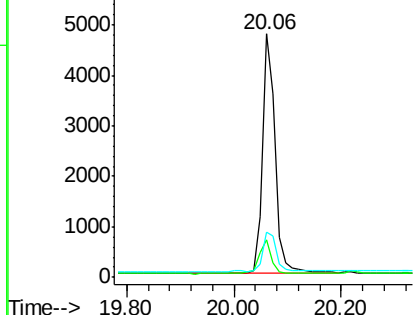
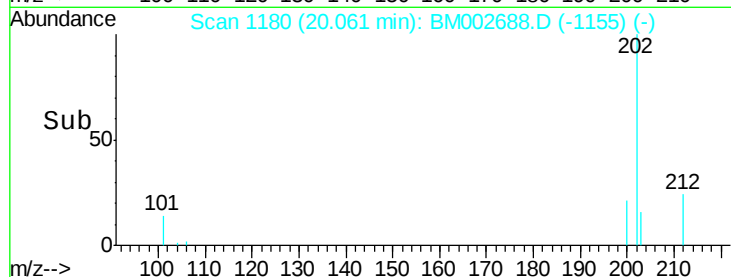


#17
Fluoranthene
 Concen: 0.10 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BM002688.D
 Acq: 11 Sep 2015 19:13

Tot Ion:202 Resp: 7872
 Ion Ratio Lower Upper
 202 100
 101 15.2 0.0 33.1
 203 18.3 0.0 37.2

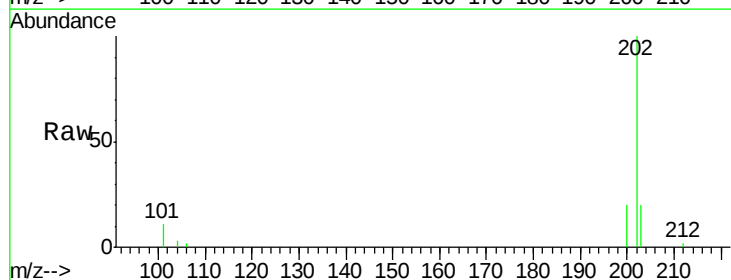


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

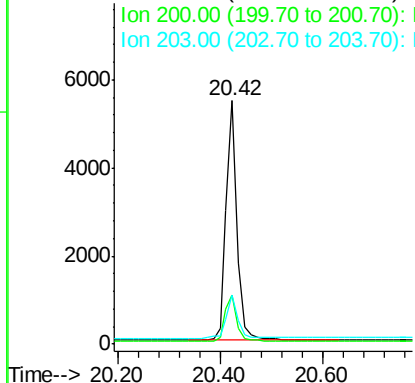
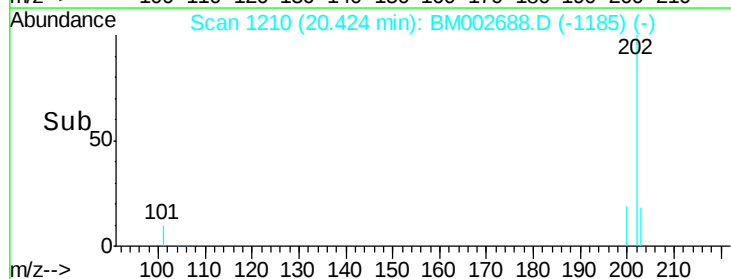


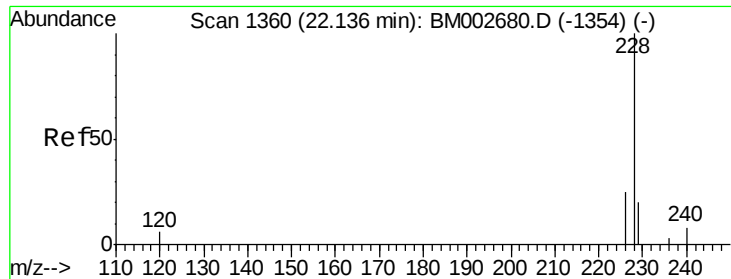
#19
Pyrene
 Concen: 0.10 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BM002688.D
 Acq: 11 Sep 2015 19:13

Tgt Ion:202 Resp: 8084
 Ion Ratio Lower Upper
 202 100
 200 20.2 18.0 27.0
 203 20.4 13.8 20.6



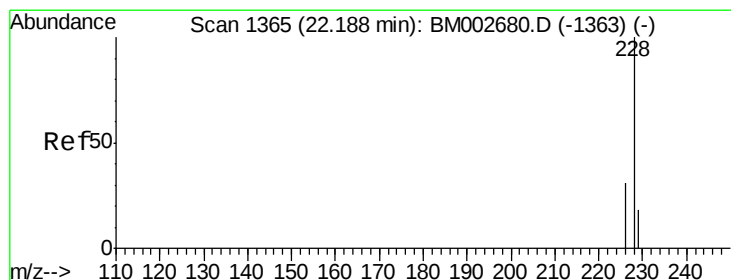
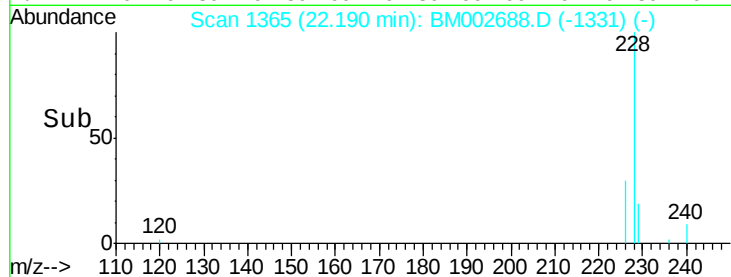
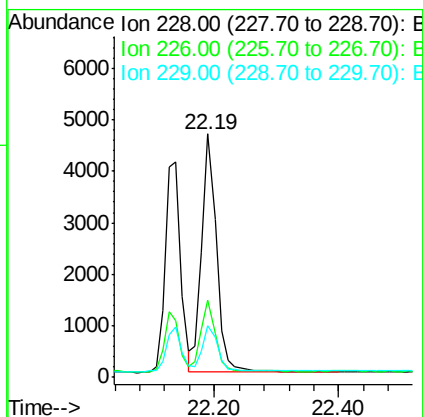
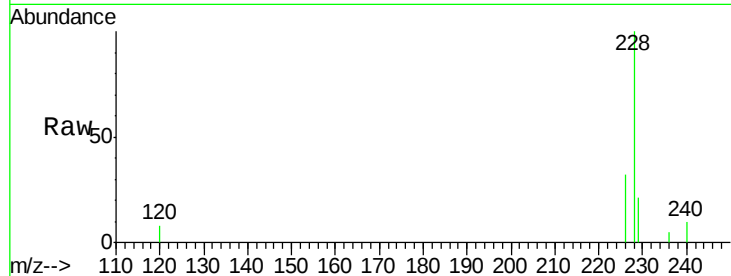
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





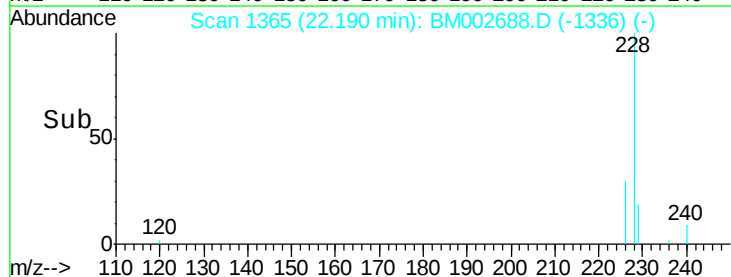
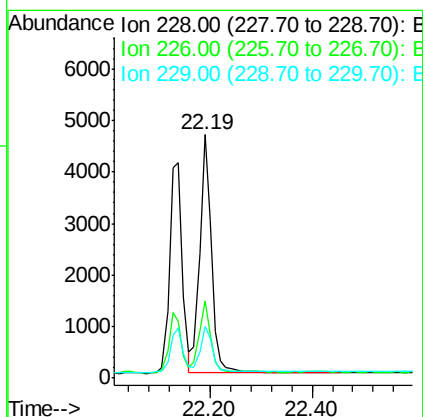
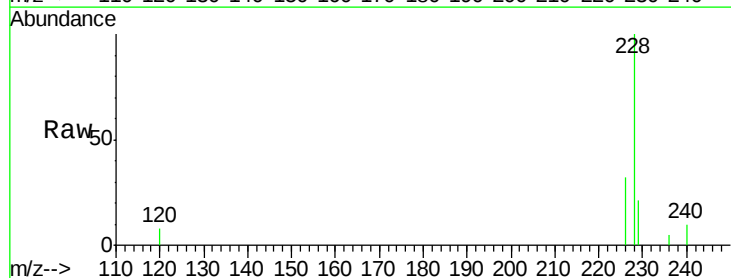
#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. 0.05 min
Lab File: BM002688.D
Acq: 11 Sep 2015 19:13

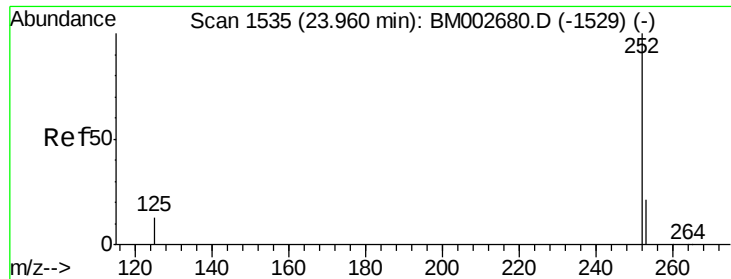
Tot Ion:228 Resp: 7395
Ion Ratio Lower Upper
228 100
226 31.7 23.0 34.4
229 21.2 15.2 22.8



#21
Chrysene
Concen: 0.11 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BM002688.D
Acq: 11 Sep 2015 19:13

Tgt Ion:228 Resp: 7454
Ion Ratio Lower Upper
228 100
226 31.7 25.7 38.5
229 21.2 15.2 22.8





#23

Benzo(b)fluoranthene

Concen: 0.11 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM002688.D

Acq: 11 Sep 2015 19:13

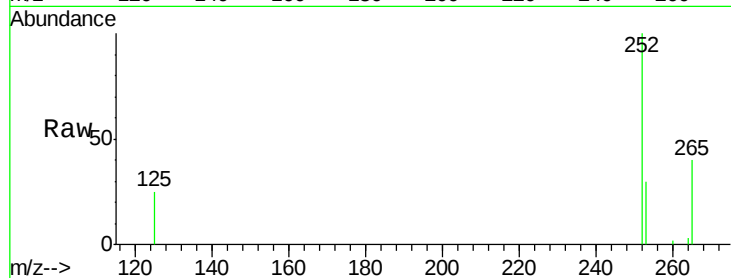
Tot Ion:252 Resp: 8070

Ion Ratio Lower Upper

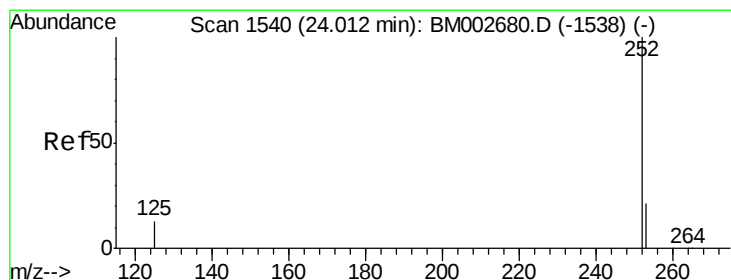
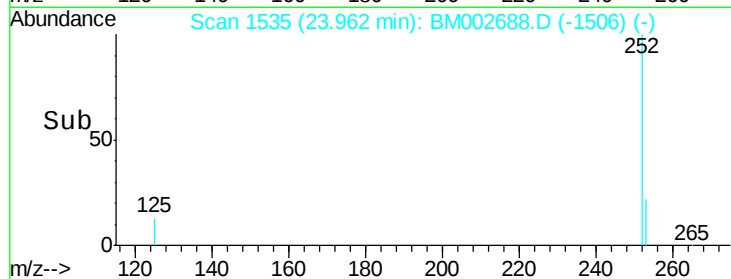
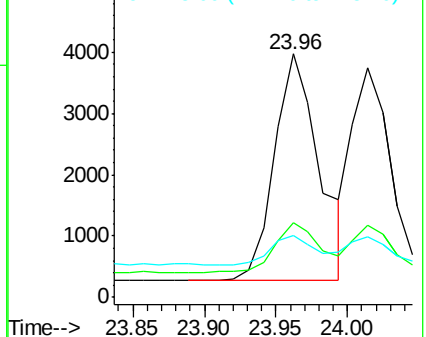
252 100

253 30.5 0.0 48.0

125 25.4 0.0 36.6



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

Benzo(k)fluoranthene

Concen: 0.10 ng/ul

RT: 24.01 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BM002688.D

Acq: 11 Sep 2015 19:13

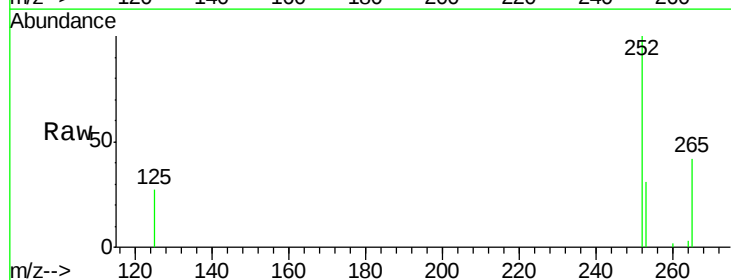
Tgt Ion:252 Resp: 6949

Ion Ratio Lower Upper

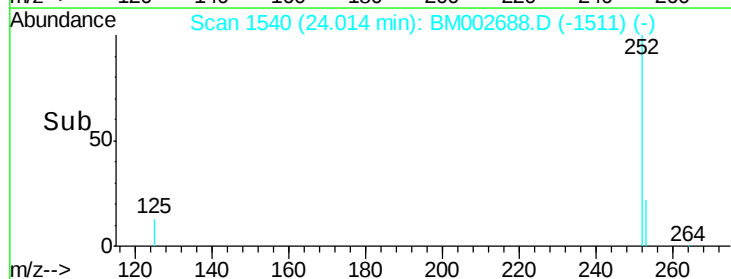
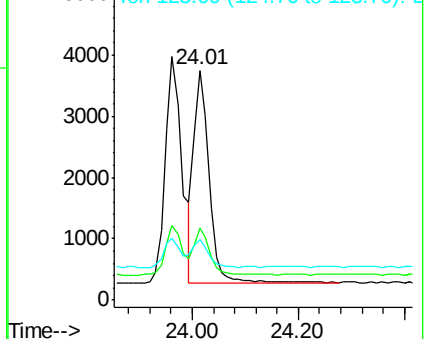
252 100

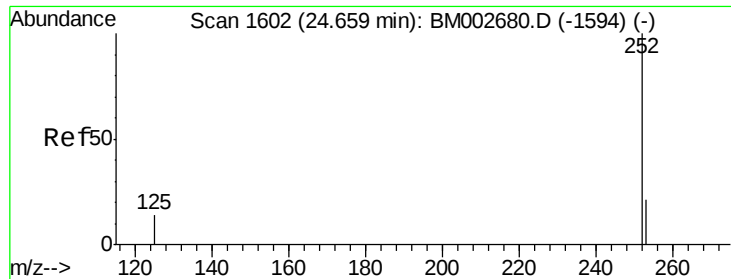
253 31.2 20.8 31.2

125 26.5 12.2 18.4#



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





#25

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 24.66 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM002688.D

Acq: 11 Sep 2015 19:13

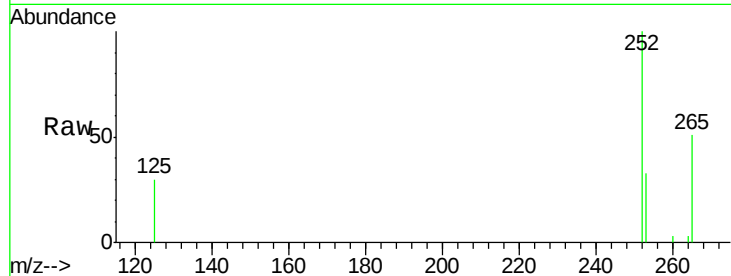
Tot Ion:252 Resp: 6959

Ion Ratio Lower Upper

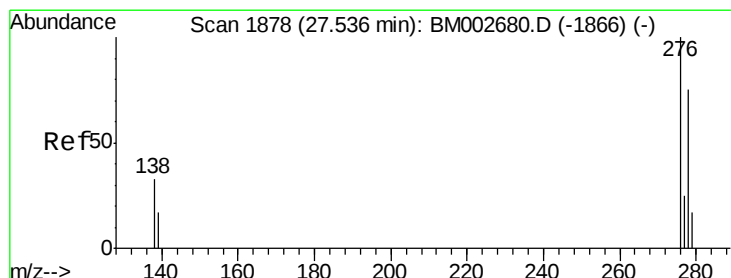
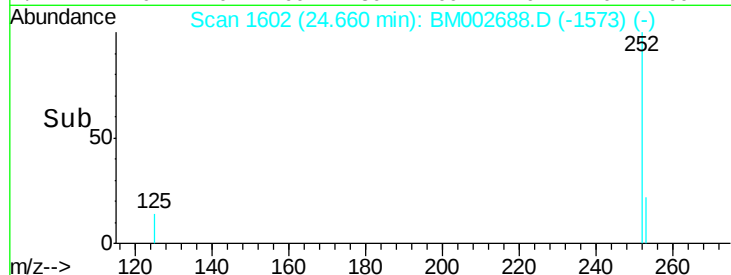
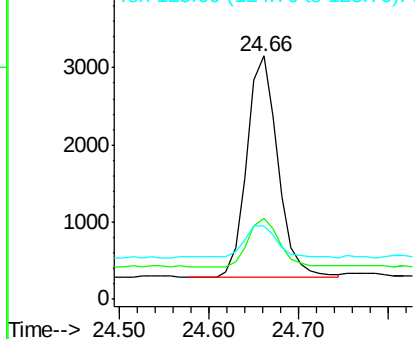
252 100

253 33.1 21.8 32.8#

125 29.9 14.5 21.7#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.10 ng/ul

RT: 27.54 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM002688.D

Acq: 11 Sep 2015 19:13

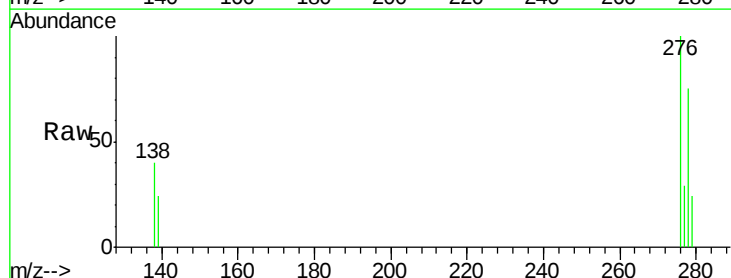
Tgt Ion:276 Resp: 8125

Ion Ratio Lower Upper

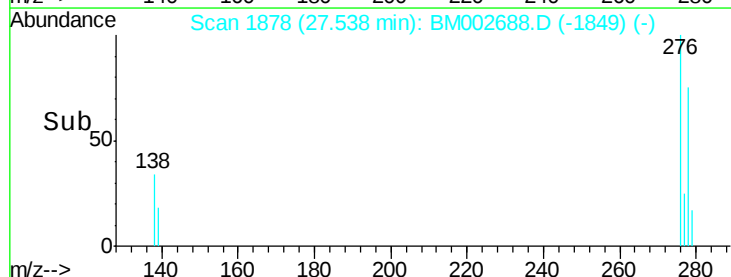
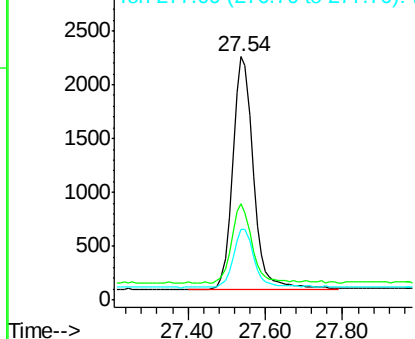
276 100

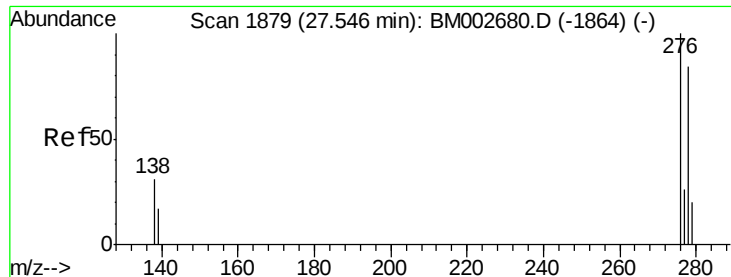
138 32.8 27.5 41.3

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

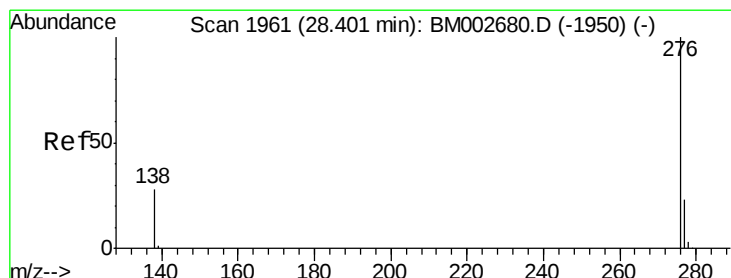
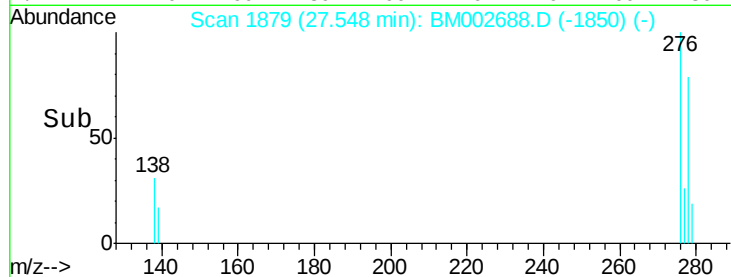
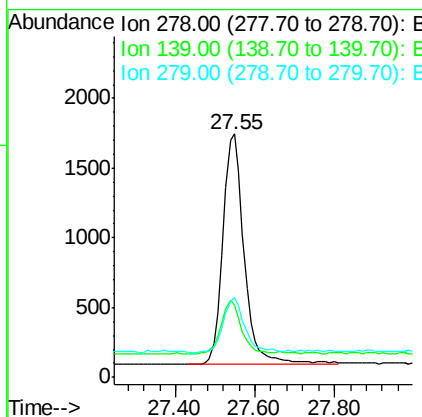
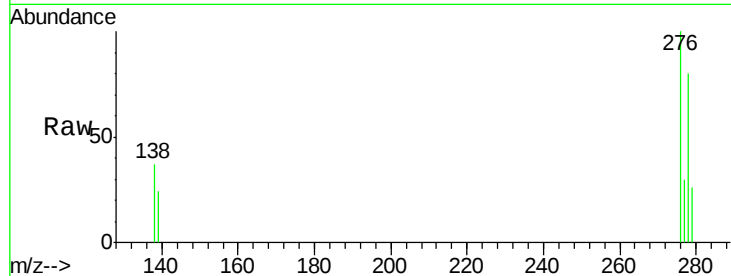




#27
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 27.55 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM002688.D
Acq: 11 Sep 2015 19:13

Tot Ion: 278 Resp: 6215

Ion	Ratio	Lower	Upper
278	100		
139	29.8	21.7	32.5
279	32.8	21.9	32.9



#28
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 28.40 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM002688.D
Acq: 11 Sep 2015 19:13

Tgt Ion: 276 Resp: 7244

Ion	Ratio	Lower	Upper
276	100		
277	29.0	21.3	31.9
138	36.0	25.5	38.3

