

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002691.D
 Acq On : 11 Sep 2015 21:03
 Operator : UM/IZ
 Sample : MDL-01-S
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 12 01:58:12 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 01:57:16 2015

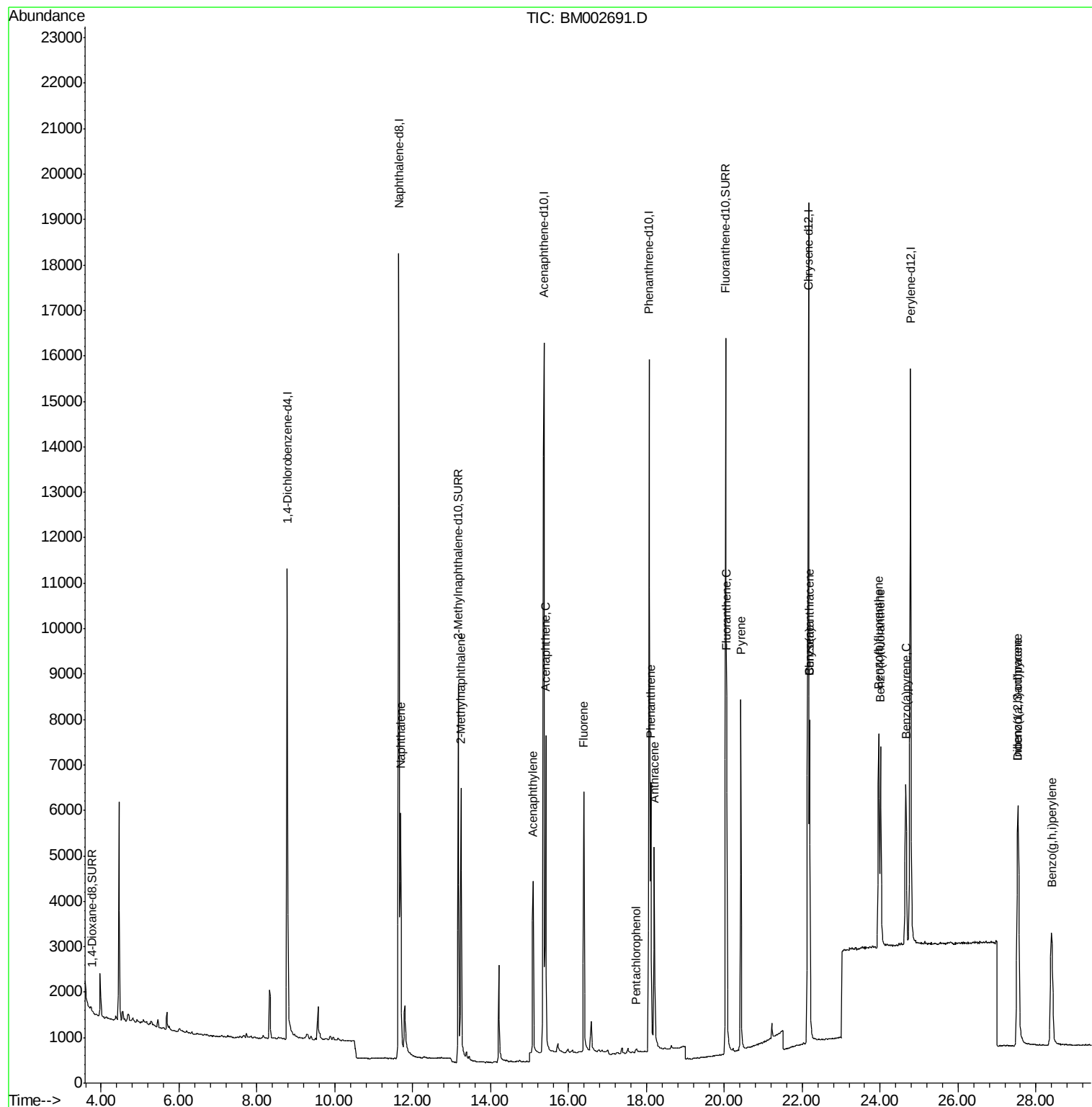
Response via : Initial Calibration

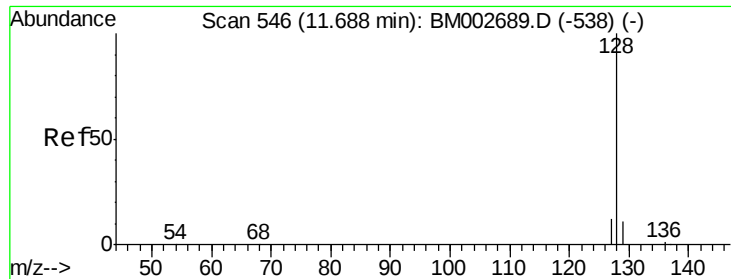
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7701	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	28306	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	12334	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	24147	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	21364	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	20879	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.77	96	24	0.00	ng/uL	-0.05
6) 2-Methylnaphthalene-d10	13.17	152	13135	0.35	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	19531	0.35	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	7684	0.10	ng/ul	100
7) 2-Methylnaphthalene	13.23	142	5021	0.10	ng/ul	90
9) Acenaphthylene	15.09	152	5944	0.09	ng/ul	96
10) Acenaphthene	15.42	153	4332	0.09	ng/ul	92
11) Fluorene	16.39	166	4423	0.09	ng/ul	88
13) Pentachlorophenol	17.74	266	192	0.08	ng/ul#	81
14) Phenanthrene	18.11	178	6657	0.09	ng/ul	97
15) Anthracene	18.20	178	6453	0.09	ng/ul	97
17) Fluoranthene	20.06	202	7396	0.10	ng/ul	96
19) Pyrene	20.42	202	7627	0.09	ng/ul	95
20) Benzo(a)anthracene	22.19	228	7016	0.10	ng/ul	95
21) Chrysene	22.19	228	7018	0.10	ng/ul	97
23) Benzo(b)fluoranthene	23.96	252	6892	0.09	ng/ul	84
24) Benzo(k)fluoranthene	24.01	252	7021	0.10	ng/ul#	83
25) Benzo(a)pyrene	24.66	252	6732	0.10	ng/ul#	79
26) Indeno(1,2,3-cd)pyrene	27.54	276	7456	0.09	ng/ul	98
27) Dibenzo(a,h)anthracene	27.54	278	5767	0.09	ng/ul#	90
28) Benzo(a,h,i)perylene	28.40	276	6640	0.09	ng/ul	94

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

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Quant Time: Sep 12 01:58:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
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QLast Update : Sat Sep 12 01:57:16 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.10 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002691.D

Acq: 11 Sep 2015 21:03

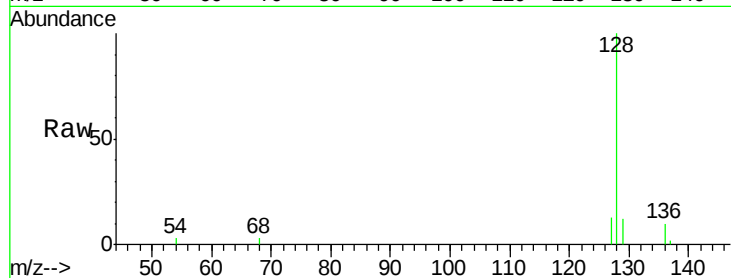
Tot Ion:128 Resp: 7684

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.8

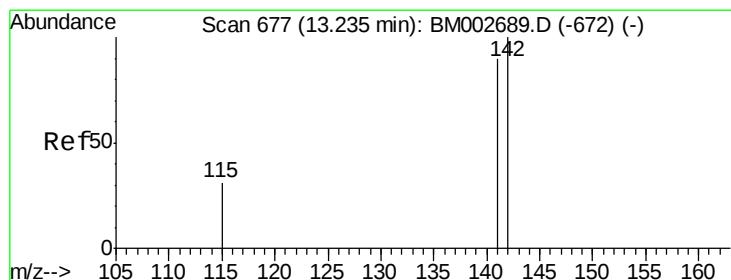
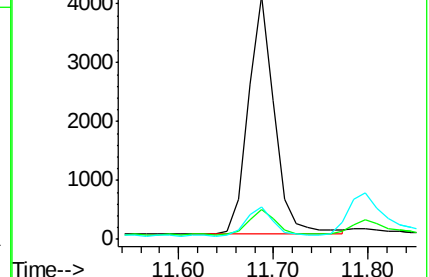
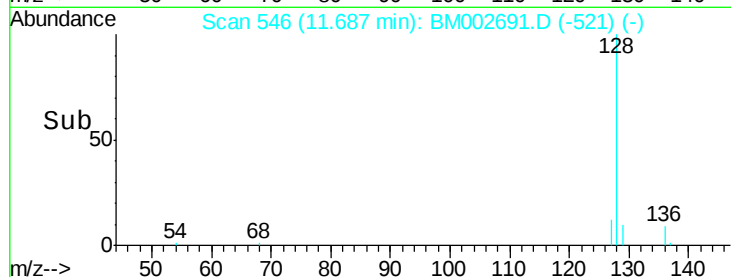
127 13.5 10.7 16.1



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: 0.10 ng/ul

RT: 13.23 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM002691.D

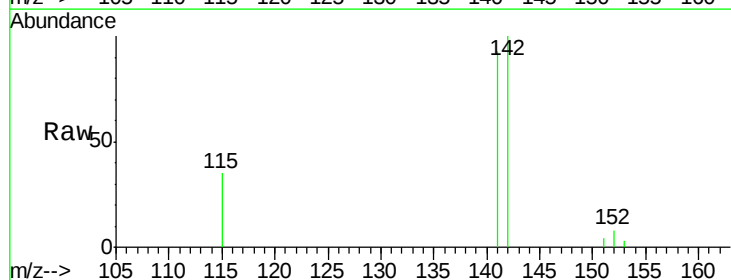
Acq: 11 Sep 2015 21:03

Tgt Ion:142 Resp: 5021

Ion Ratio Lower Upper

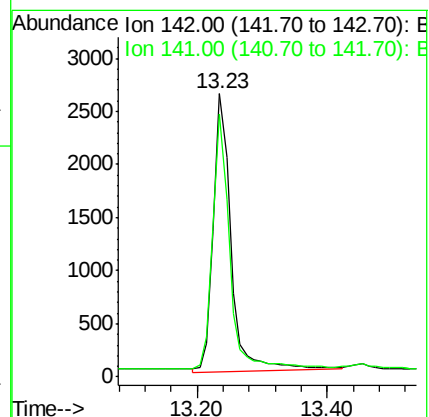
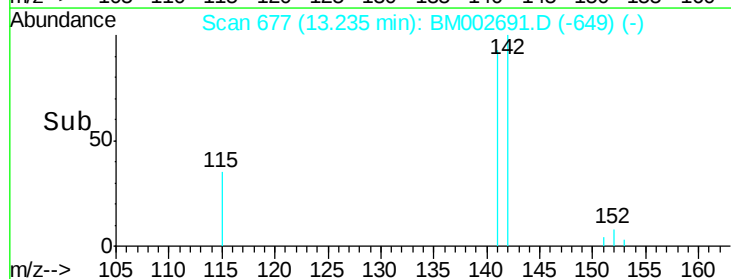
142 100

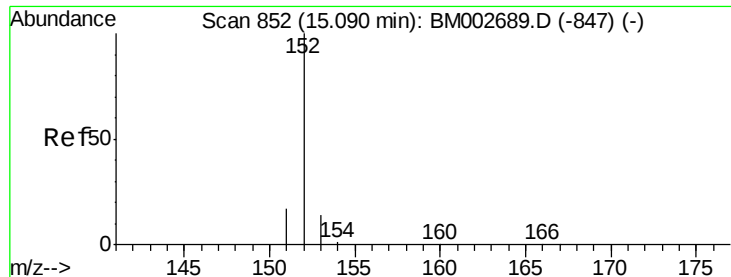
141 97.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.09 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM002691.D

Acq: 11 Sep 2015 21:03

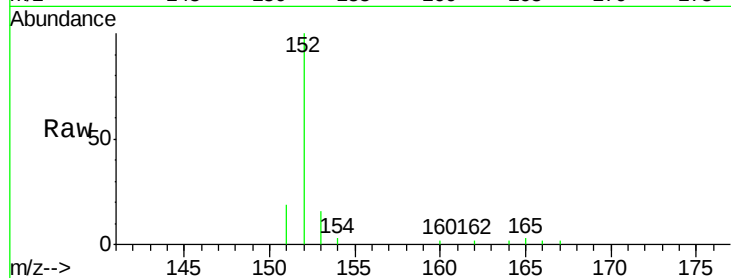
Tot Ion:152 Resp: 5944

Ion Ratio Lower Upper

152 100

151 19.3 16.8 25.2

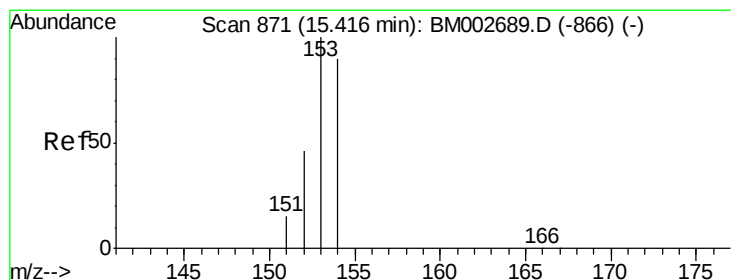
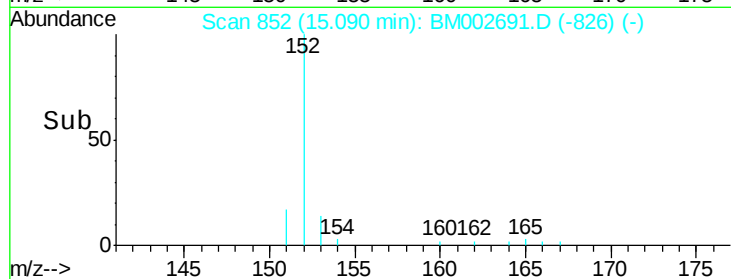
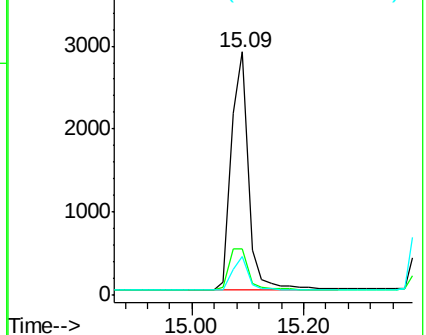
153 15.9 11.3 16.9



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: 0.09 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM002691.D

Acq: 11 Sep 2015 21:03

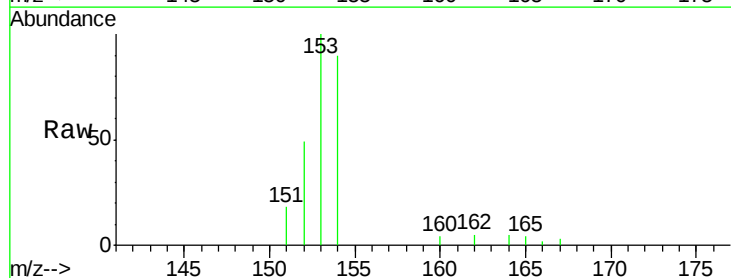
Tgt Ion:153 Resp: 4332

Ion Ratio Lower Upper

153 100

152 49.0 42.3 63.5

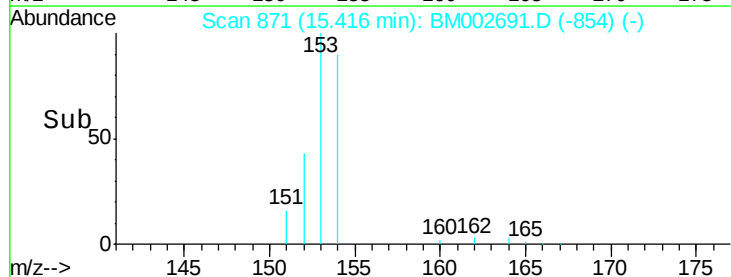
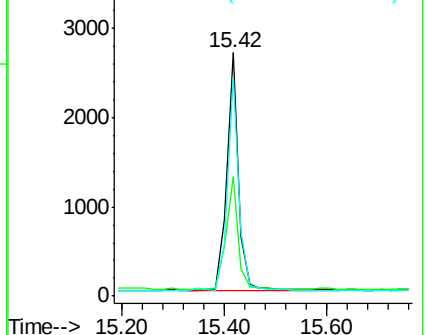
154 89.9 64.7 97.1

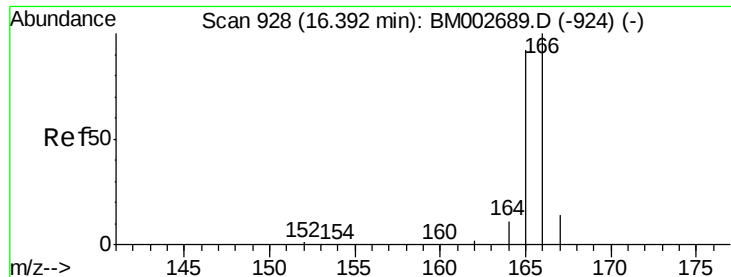


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.09 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM002691.D

Acq: 11 Sep 2015 21:03

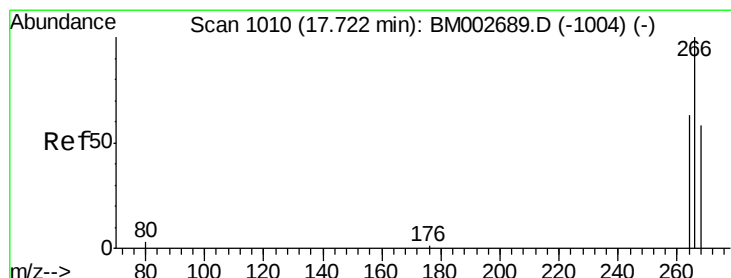
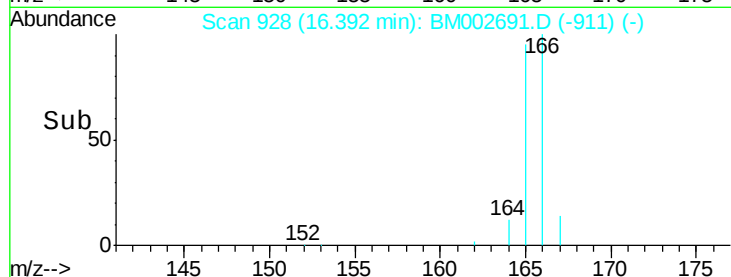
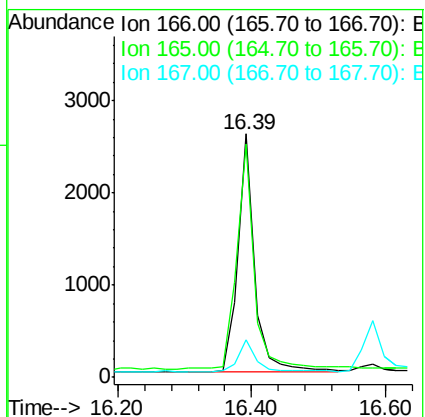
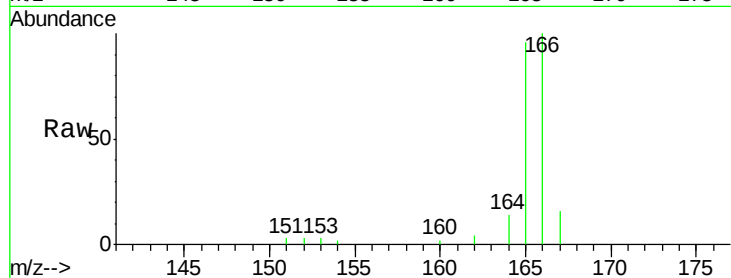
Tot Ion:166 Resp: 4423

Ion Ratio Lower Upper

166 100

165 95.8 87.6 131.4

167 15.6 11.1 16.7



#13

Pentachlorophenol

Concen: 0.08 ng/ul

RT: 17.74 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BM002691.D

Acq: 11 Sep 2015 21:03

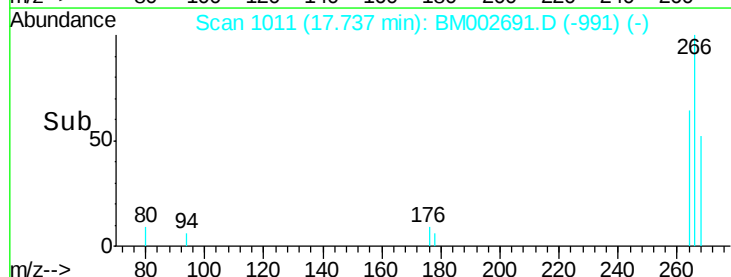
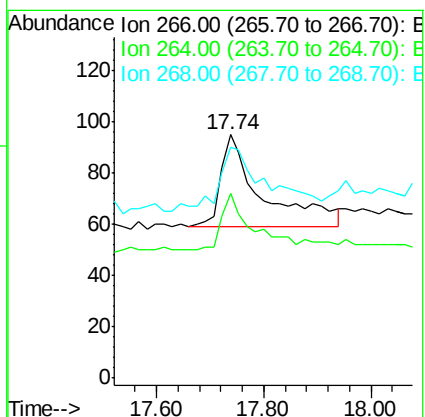
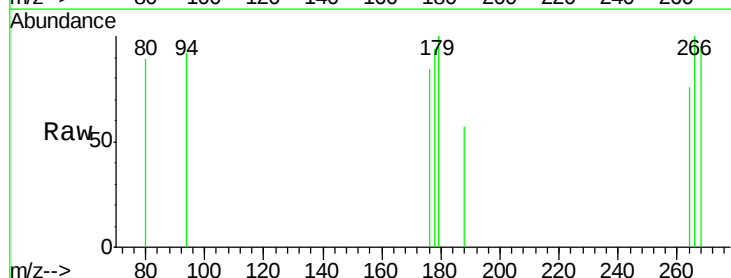
Tgt Ion:266 Resp: 192

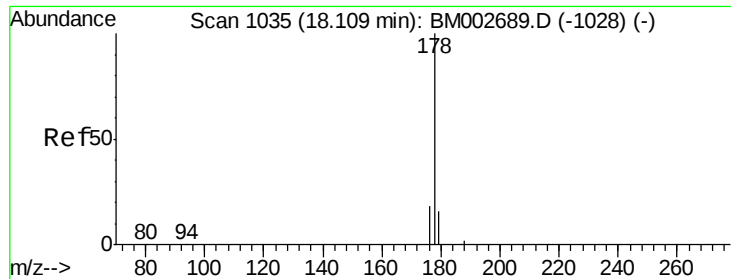
Ion Ratio Lower Upper

266 100

264 51.6 53.5 80.3#

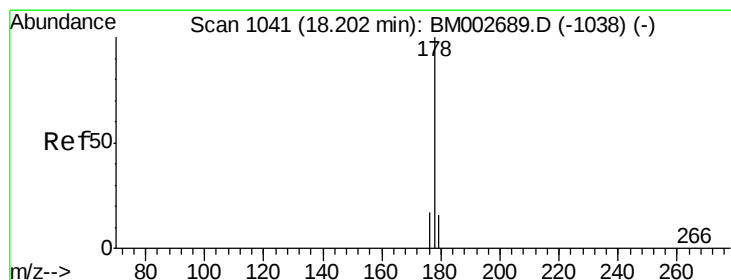
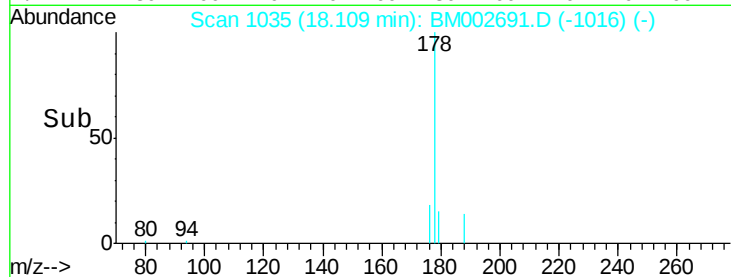
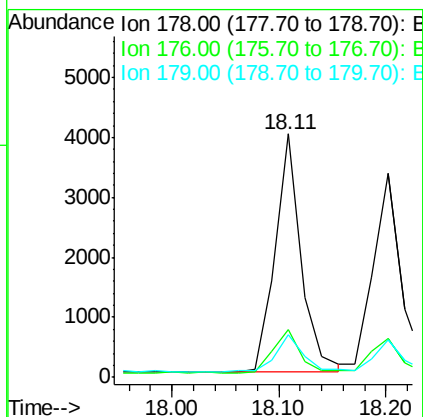
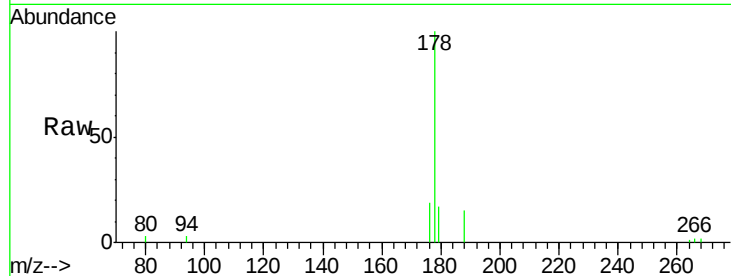
268 83.3 54.2 81.2#





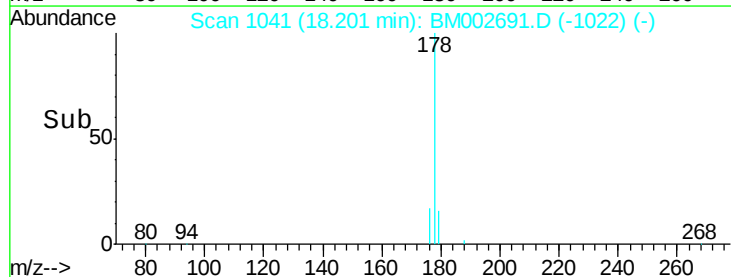
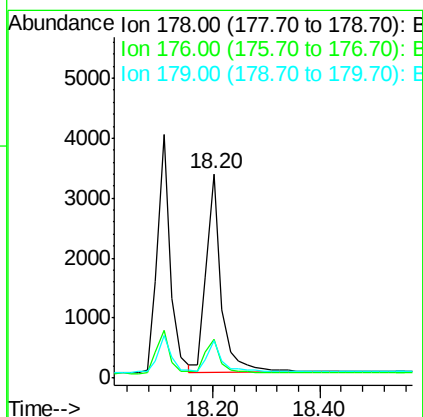
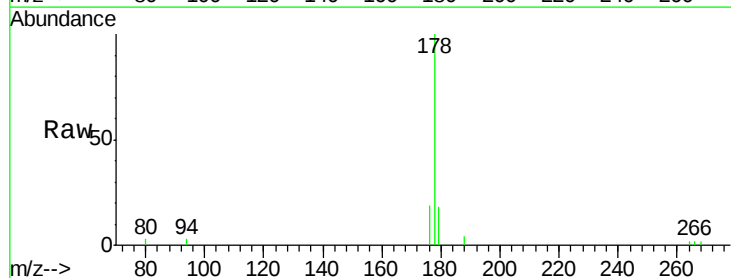
#14
Phenanthrene
Concen: 0.09 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002691.D
Acq: 11 Sep 2015 21:03

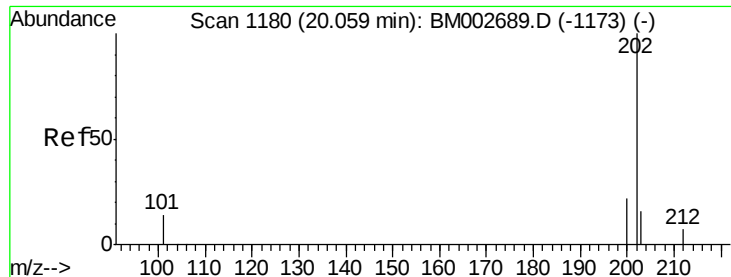
Tot Ion:178 Resp: 6657
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 17.4 12.8 19.2



#15
Anthracene
Concen: 0.09 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM002691.D
Acq: 11 Sep 2015 21:03

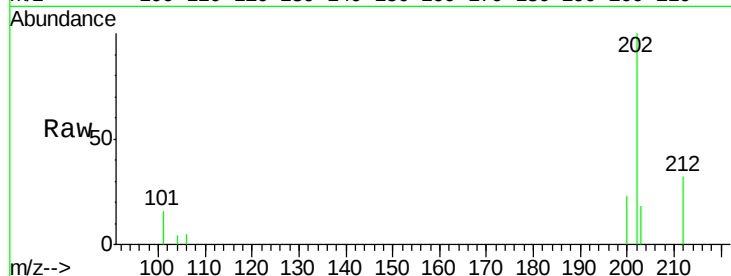
Tgt Ion:178 Resp: 6453
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 18.4 13.3 19.9



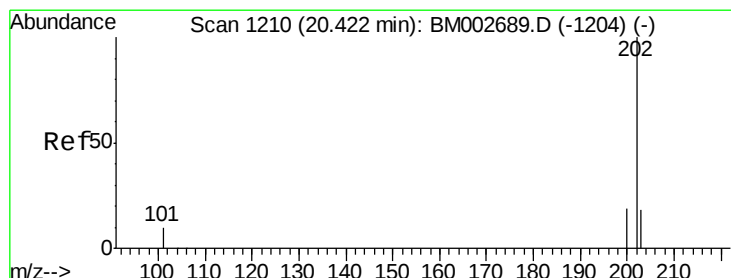
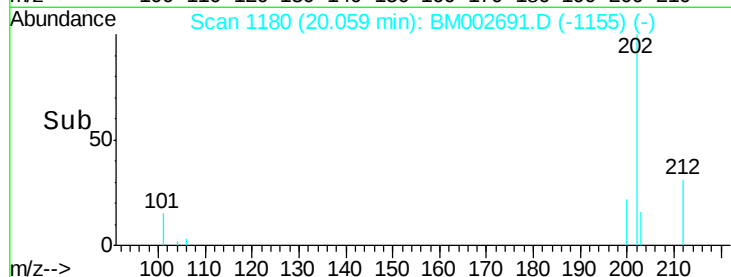
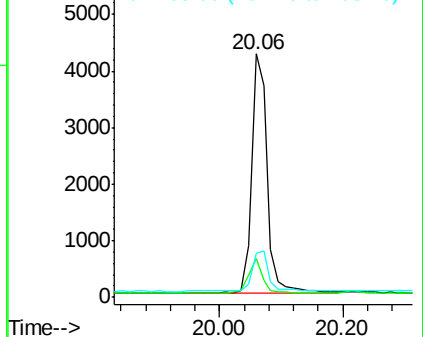


#17
Fluoranthene
 Concen: 0.10 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BM002691.D
 Acq: 11 Sep 2015 21:03

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	33.1
203	17.9	0.0	37.2

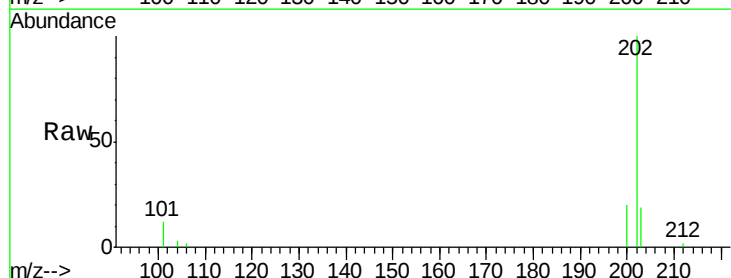


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

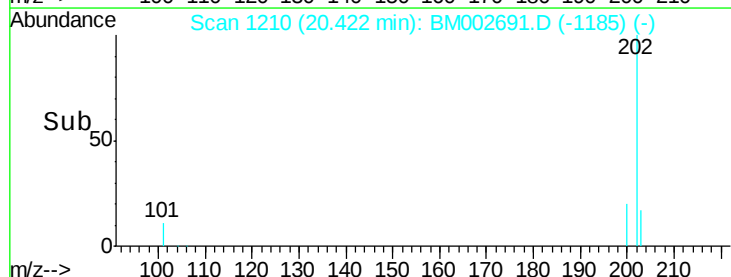
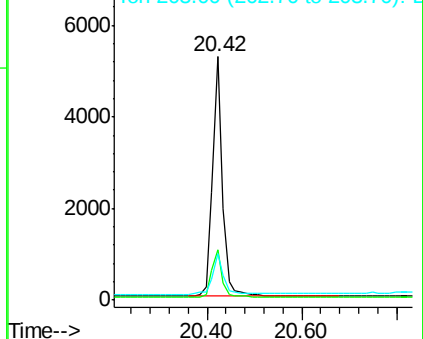


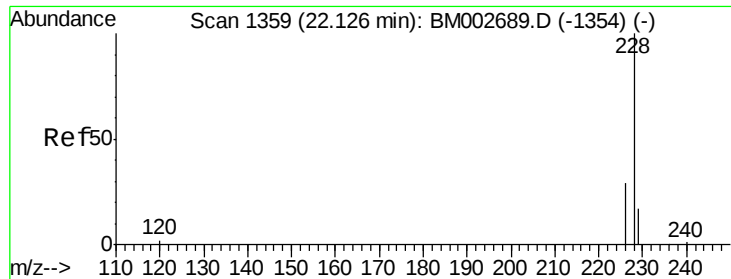
#19
Pyrene
 Concen: 0.09 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BM002691.D
 Acq: 11 Sep 2015 21:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.0	27.0
203	19.3	13.8	20.6



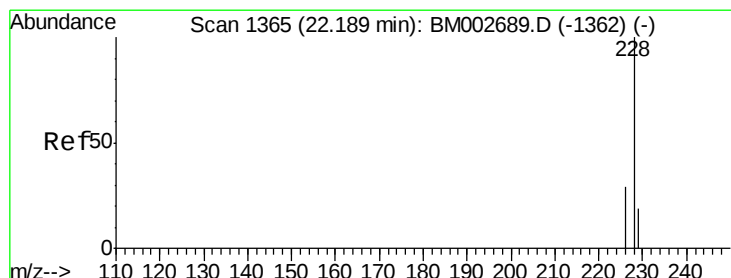
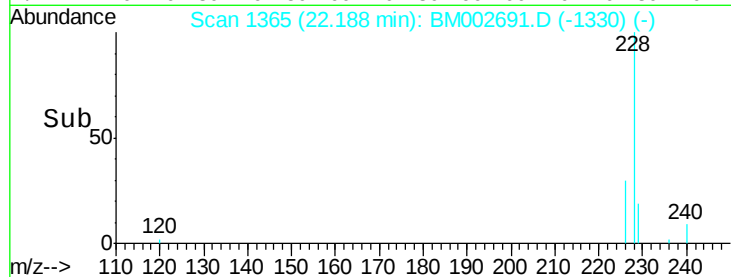
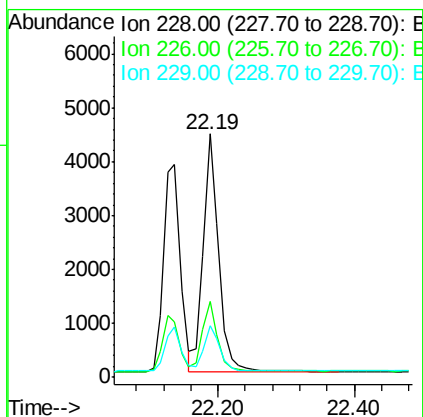
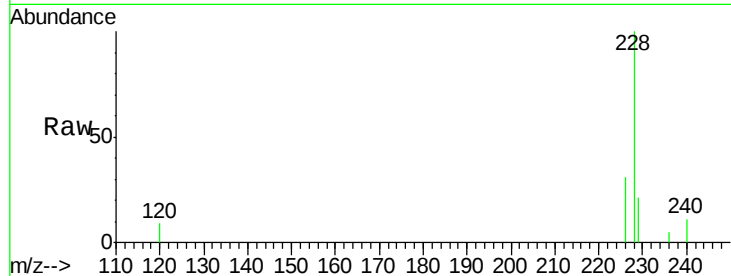
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





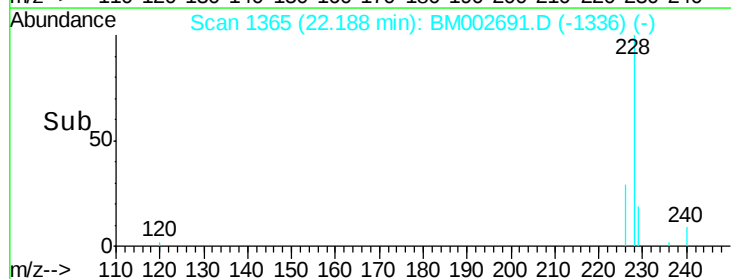
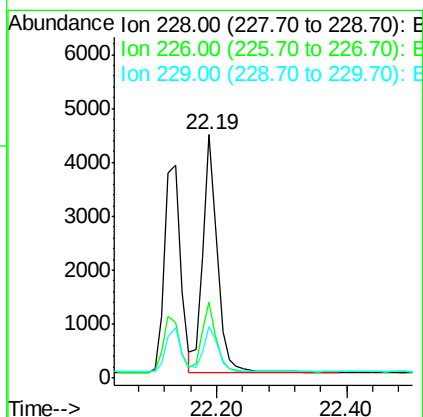
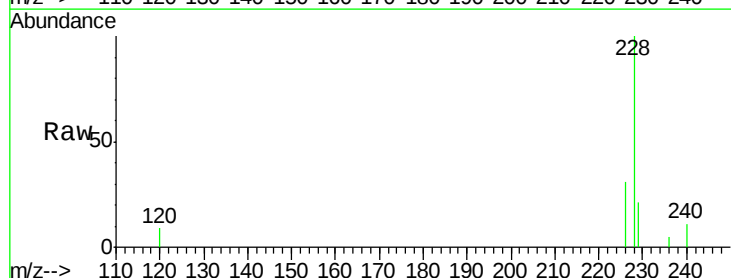
#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. 0.06 min
Lab File: BM002691.D
Acq: 11 Sep 2015 21:03

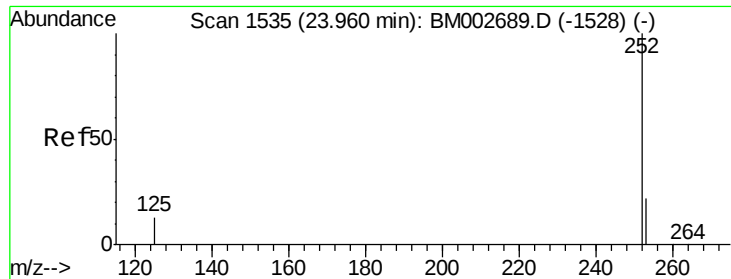
Tot Ion:228 Resp: 7016
Ion Ratio Lower Upper
228 100
226 31.2 23.0 34.4
229 21.1 15.2 22.8



#21
Chrysene
Concen: 0.10 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BM002691.D
Acq: 11 Sep 2015 21:03

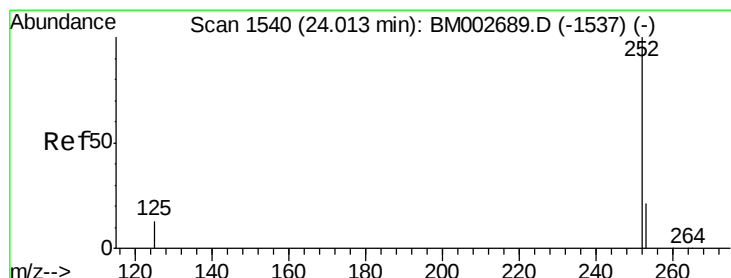
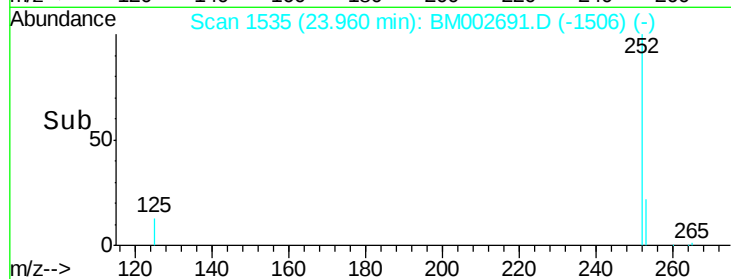
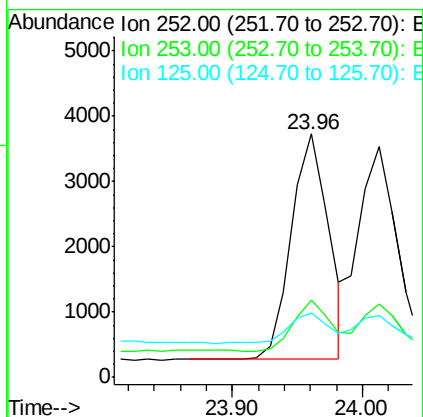
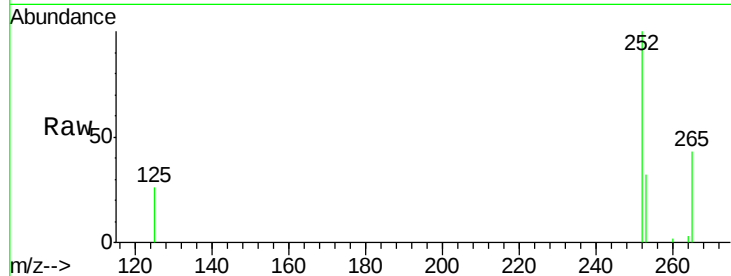
Tgt Ion:228 Resp: 7018
Ion Ratio Lower Upper
228 100
226 31.2 25.7 38.5
229 21.1 15.2 22.8





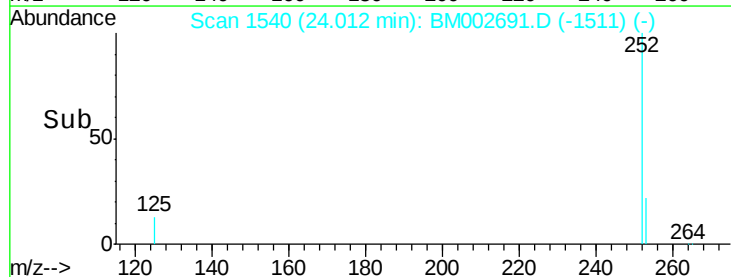
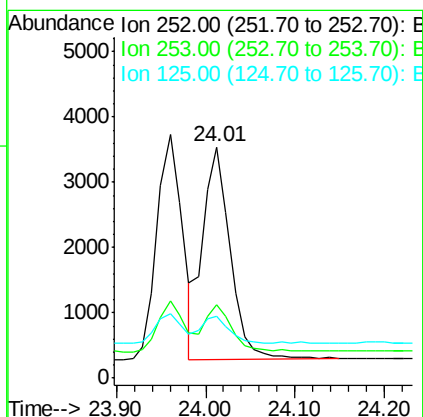
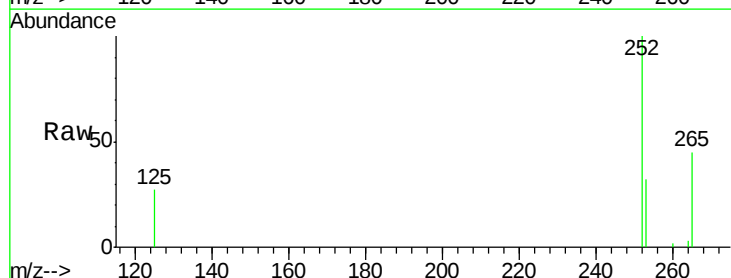
#23
Benzo(b)fluoranthene
Concen: 0.09 ng/ul
RT: 23.96 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM002691.D
Acq: 11 Sep 2015 21:03

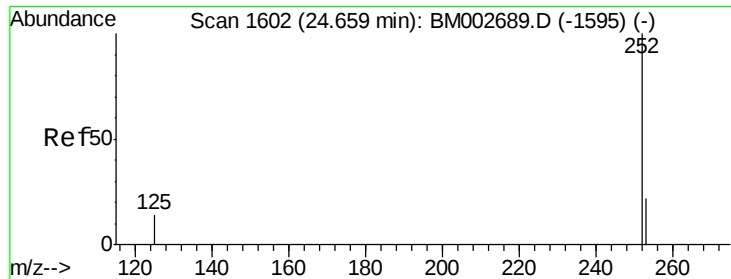
Tot Ion:252 Resp: 6892
Ion Ratio Lower Upper
252 100
253 31.5 0.0 48.0
125 26.3 0.0 36.6



#24
Benzo(k)fluoranthene
Concen: 0.10 ng/ul
RT: 24.01 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BM002691.D
Acq: 11 Sep 2015 21:03

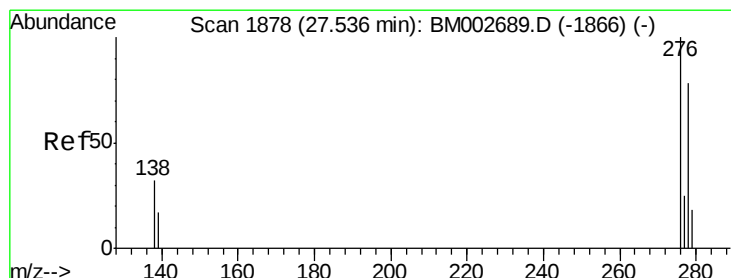
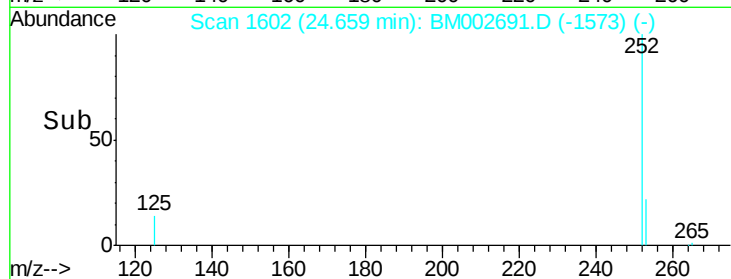
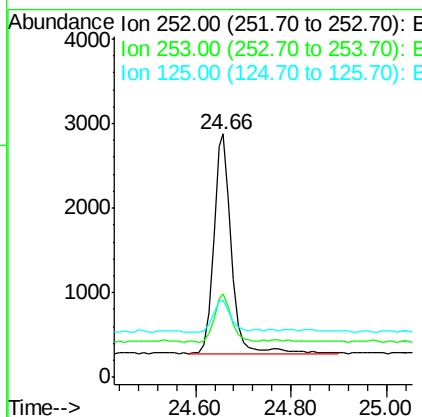
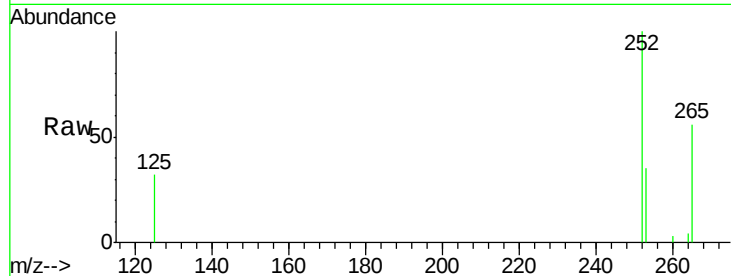
Tgt Ion:252 Resp: 7021
Ion Ratio Lower Upper
252 100
253 31.7 20.8 31.2#
125 26.9 12.2 18.4#





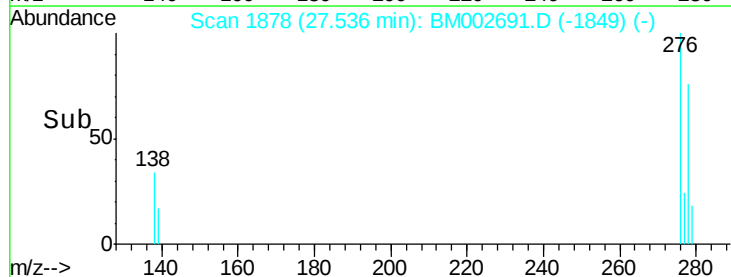
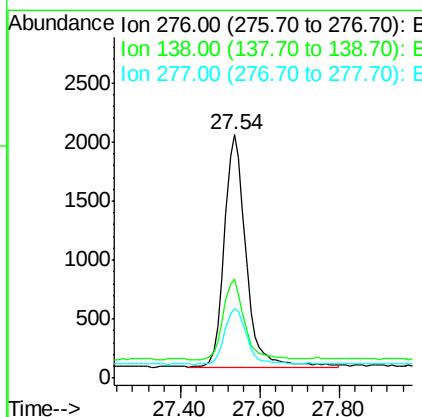
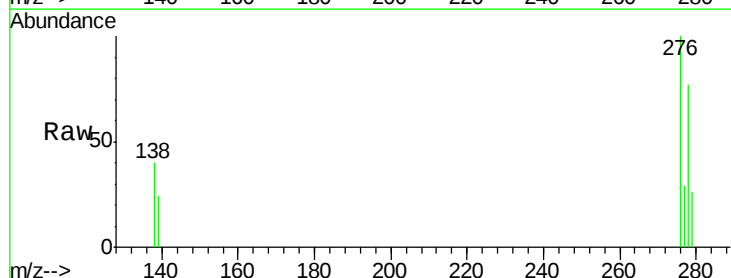
#25
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM002691.D
Acq: 11 Sep 2015 21:03

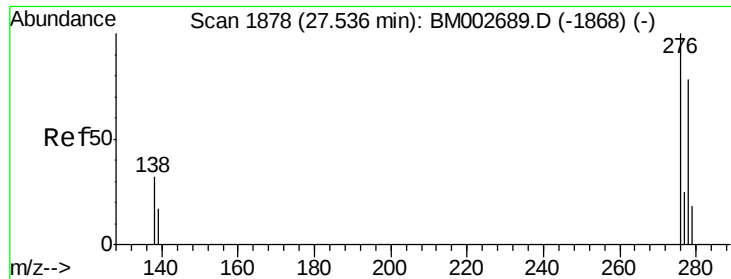
Tot Ion: 252 Resp: 6732
Ion Ratio Lower Upper
252 100
253 34.6 21.8 32.8#
125 31.7 14.5 21.7#



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM002691.D
Acq: 11 Sep 2015 21:03

Tgt Ion: 276 Resp: 7456
Ion Ratio Lower Upper
276 100
138 34.5 27.5 41.3
277 25.8 19.3 28.9

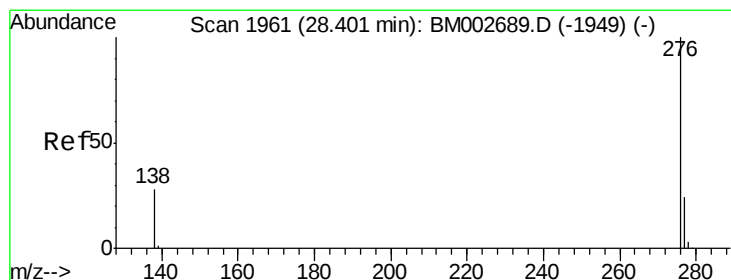
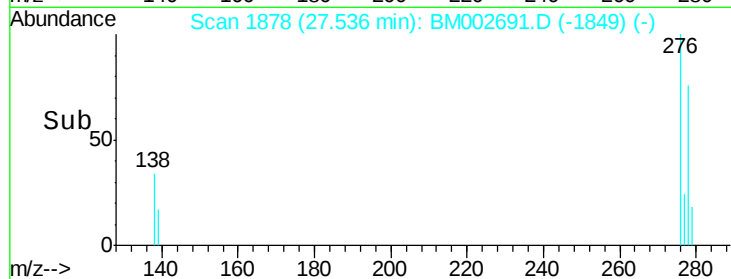
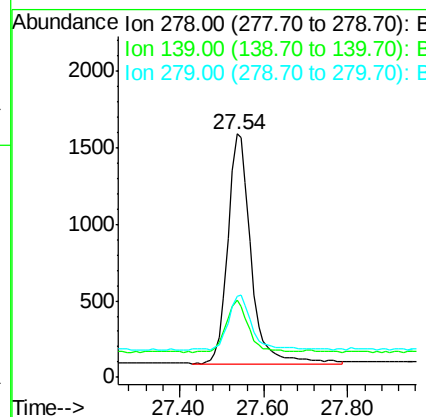
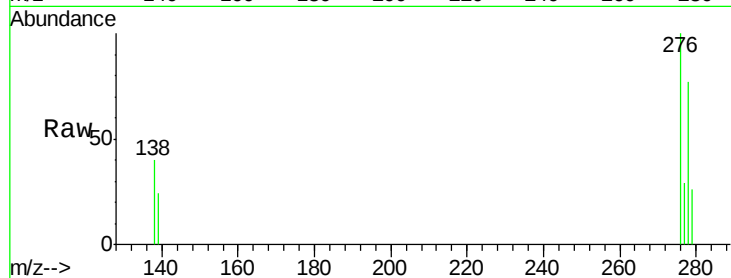




#27
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM002691.D
Acq: 11 Sep 2015 21:03

Tot Ion:278 Resp: 5767

Ion	Ratio	Lower	Upper
278	100		
139	31.7	21.7	32.5
279	33.0	21.9	32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 28.40 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM002691.D
Acq: 11 Sep 2015 21:03

Tgt Ion:276 Resp: 6640

Ion	Ratio	Lower	Upper
276	100		
277	29.5	21.3	31.9
138	35.1	25.5	38.3

