

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002692.D
 Acq On : 11 Sep 2015 21:39
 Operator : UM/IZ
 Sample : MDL-02-S
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 12 01:58:21 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

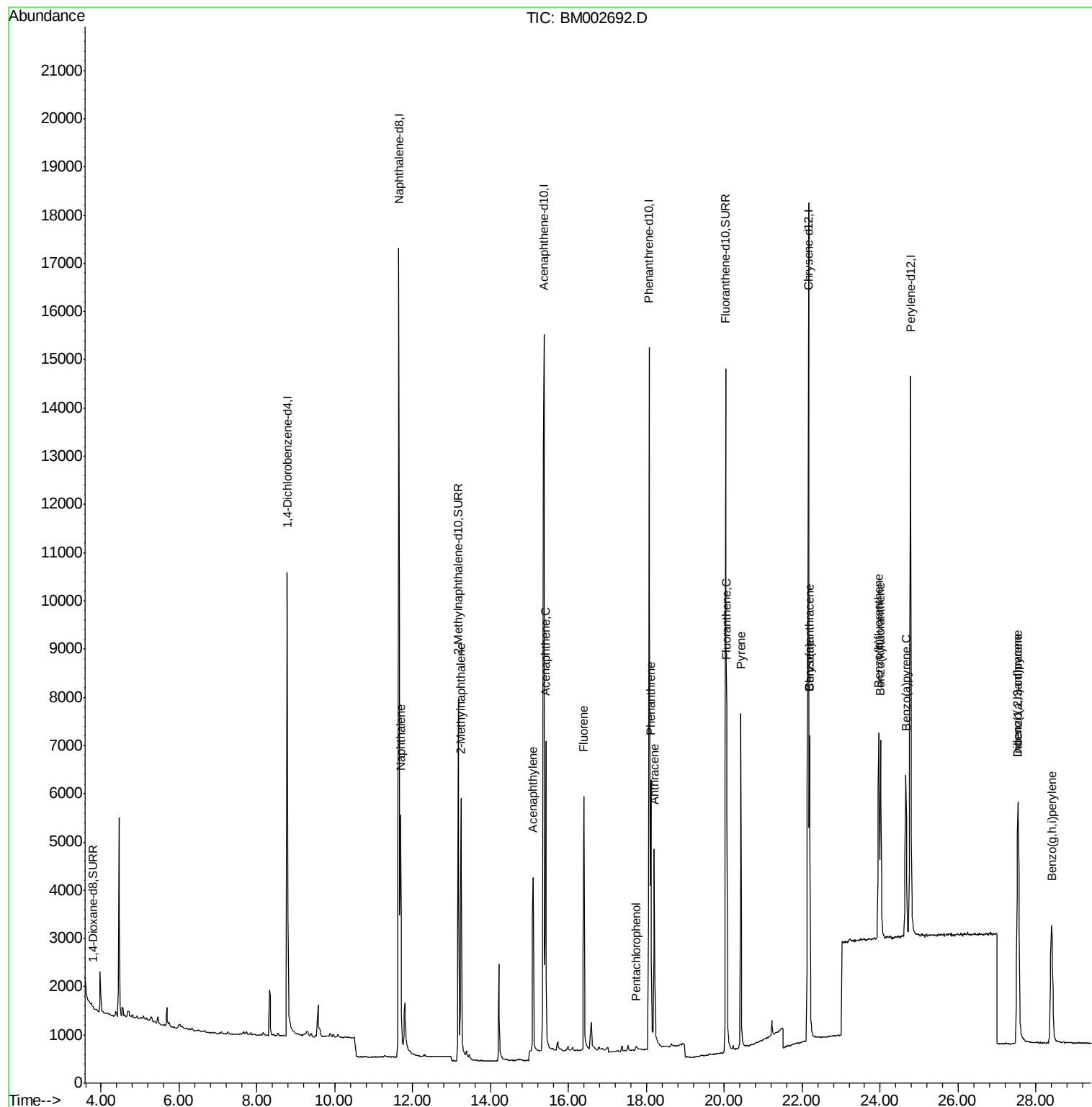
Response via : Initial Calibration

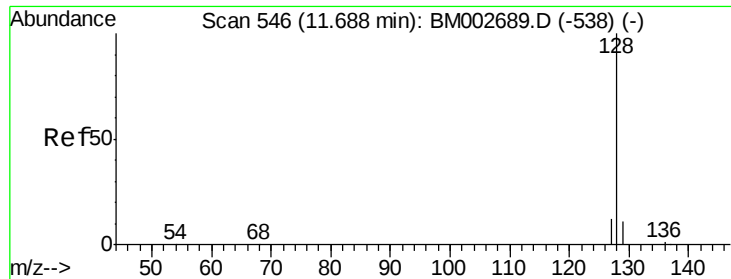
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7196	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	26962	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	11772	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	22587	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	19876	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	19465	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.79	96	32	0.00	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	13.17	152	12075	0.33	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	17370	0.34	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	7139	0.10	ng/ul	99
7) 2-Methylnaphthalene	13.24	142	4852	0.10	ng/ul	99
9) Acenaphthylene	15.09	152	5870	0.09	ng/ul	96
10) Acenaphthene	15.42	153	4098	0.09	ng/ul	92
11) Fluorene	16.39	166	4124	0.09	ng/ul	88
13) Pentachlorophenol	17.74	266	231	0.11	ng/ul	94
14) Phenanthrene	18.11	178	6112	0.09	ng/ul	98
15) Anthracene	18.20	178	5921	0.09	ng/ul	98
17) Fluoranthene	20.06	202	6792	0.10	ng/ul	95
19) Pyrene	20.42	202	7016	0.09	ng/ul	95
20) Benzo(a)anthracene	22.19	228	6412	0.10	ng/ul	94
21) Chrysene	22.19	228	6441	0.10	ng/ul	98
23) Benzo(b)fluoranthene	23.96	252	6352	0.09	ng/ul	82
24) Benzo(k)fluoranthene	24.01	252	6648	0.10	ng/ul#	81
25) Benzo(a)pyrene	24.66	252	6026	0.09	ng/ul#	79
26) Indeno(1,2,3-cd)pyrene	27.54	276	7085	0.09	ng/ul	98
27) Dibenzo(a,h)anthracene	27.54	278	5402	0.09	ng/ul#	89
28) Benzo(a,h,i)perylene	28.40	276	6324	0.10	ng/ul	94

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

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Quant Time: Sep 12 01:58:21 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: BM002692.D

Acq: 11 Sep 2015 21:39

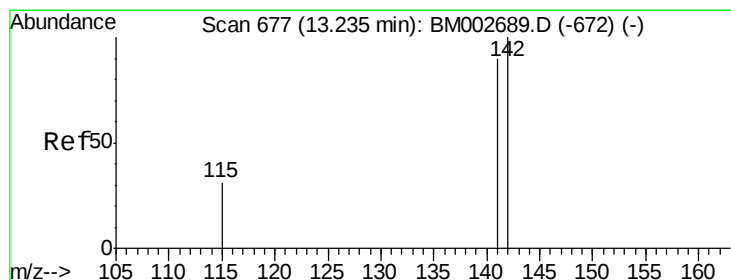
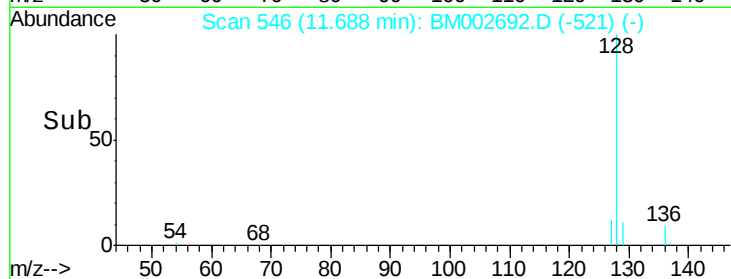
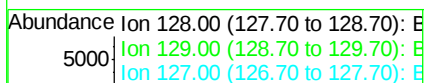
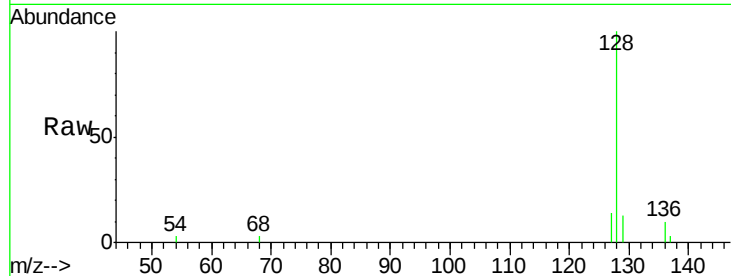
Tot Ion:128 Resp: 7139

Ion Ratio Lower Upper

128 100

129 12.8 9.8 14.8

127 13.8 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.10 ng/ul

RT: 13.24 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM002692.D

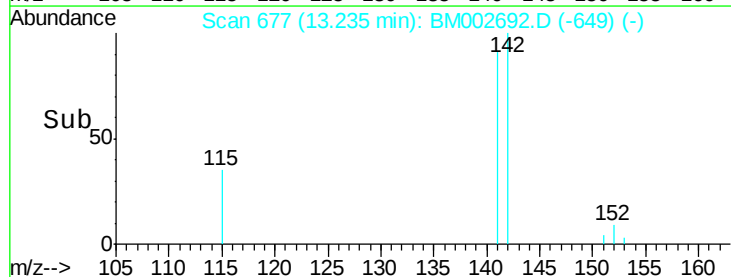
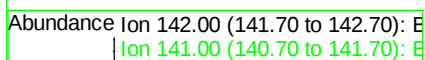
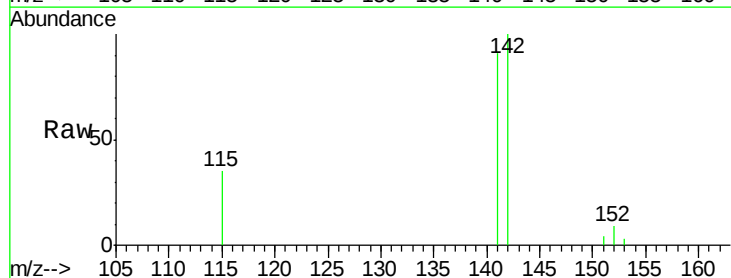
Acq: 11 Sep 2015 21:39

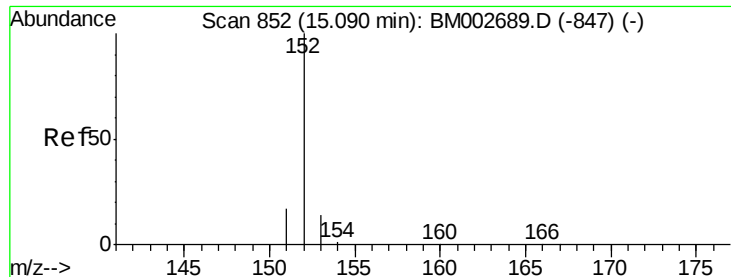
Tgt Ion:142 Resp: 4852

Ion Ratio Lower Upper

142 100

141 89.2 70.3 105.5





#9

Acenaphthylene

Concen: 0.09 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM002692.D

Acq: 11 Sep 2015 21:39

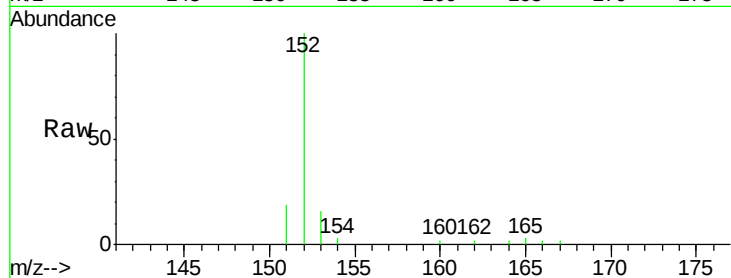
Tot Ion:152 Resp: 5870

Ion Ratio Lower Upper

152 100

151 19.3 16.8 25.2

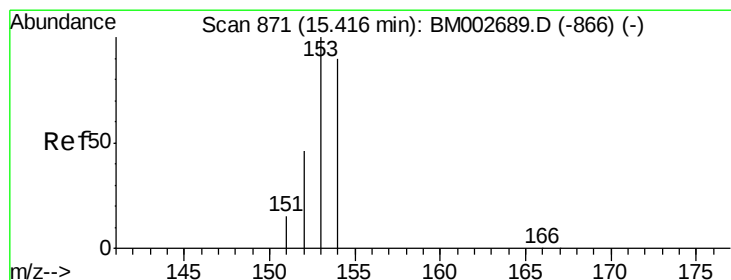
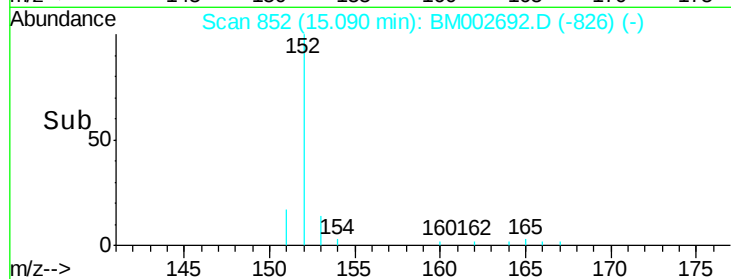
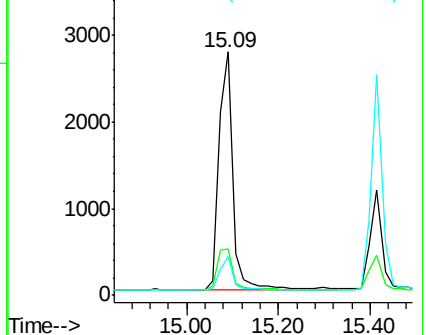
153 15.8 11.3 16.9



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: BM002692.D

Acq: 11 Sep 2015 21:39

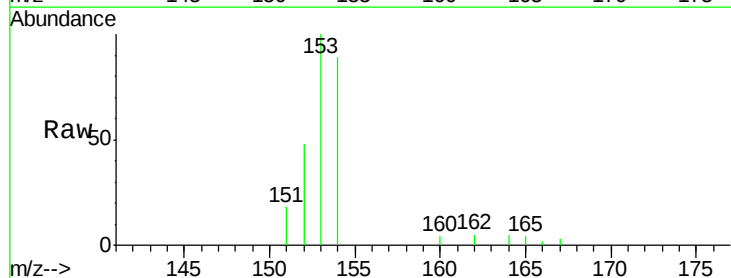
Tgt Ion:153 Resp: 4098

Ion Ratio Lower Upper

153 100

152 47.6 42.3 63.5

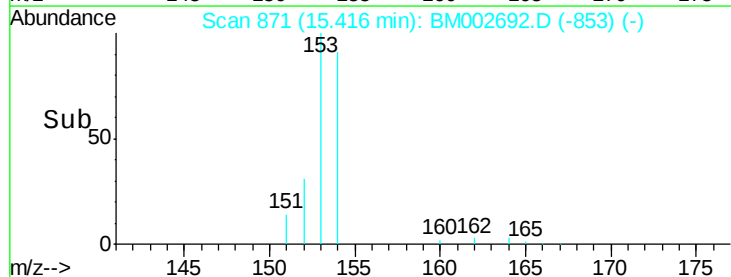
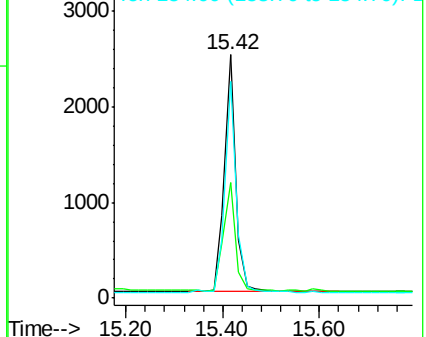
154 89.0 64.7 97.1

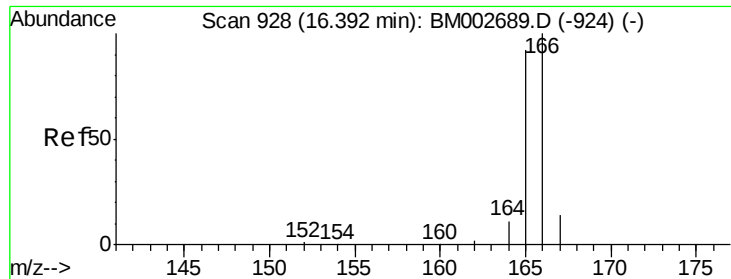


Abundance Ion 153.00 (152.70 to 153.70): E

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: BM002692.D

Acq: 11 Sep 2015 21:39

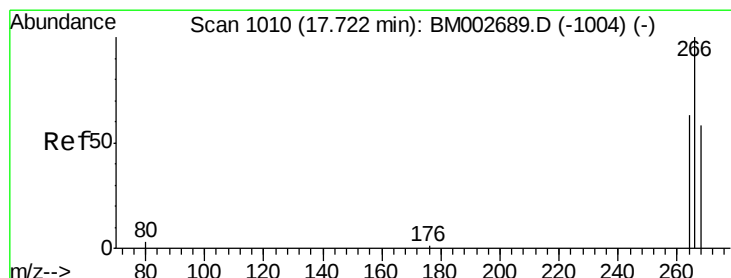
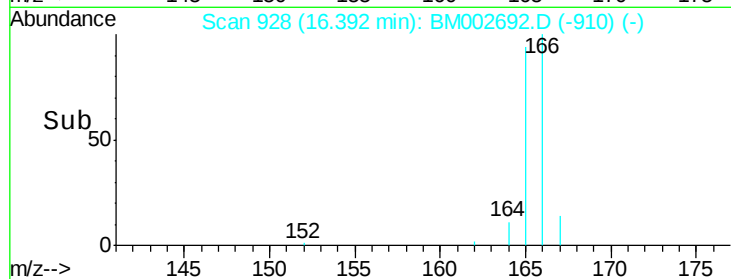
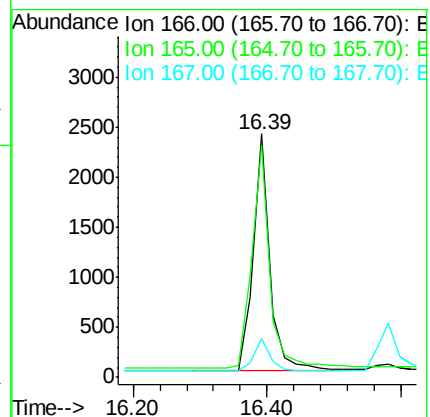
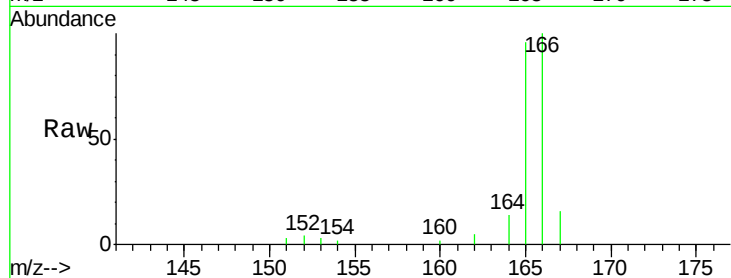
Tot Ion:166 Resp: 4124

Ion Ratio Lower Upper

166 100

165 95.5 87.6 131.4

167 15.9 11.1 16.7



#13

Pentachlorophenol

Concen: 0.11 ng/ul

RT: 17.74 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BM002692.D

Acq: 11 Sep 2015 21:39

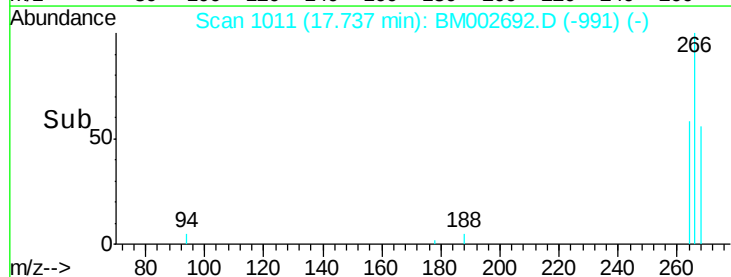
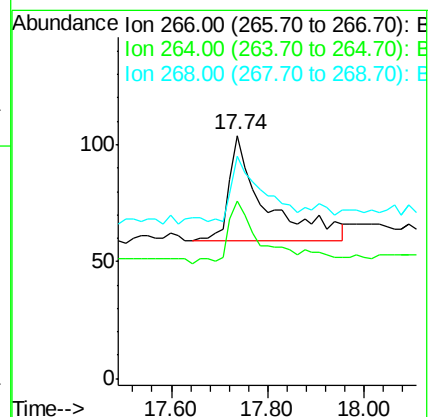
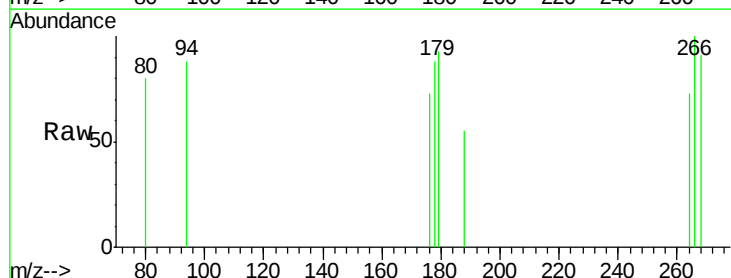
Tgt Ion:266 Resp: 231

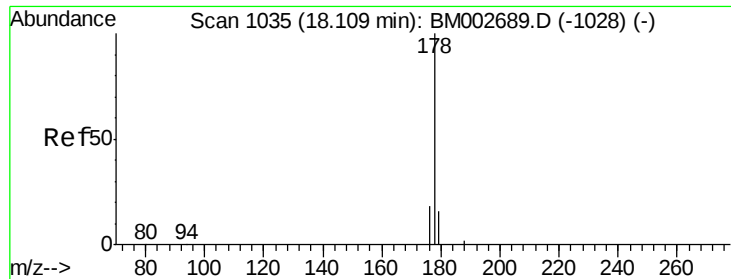
Ion Ratio Lower Upper

266 100

264 60.6 53.5 80.3

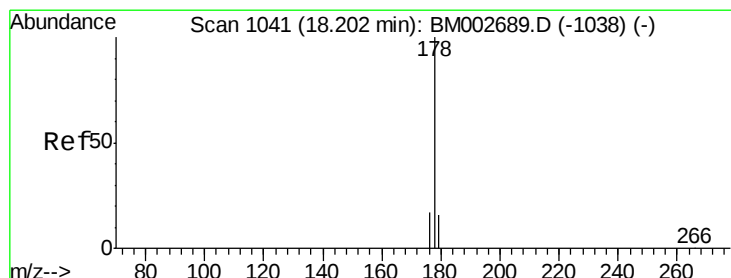
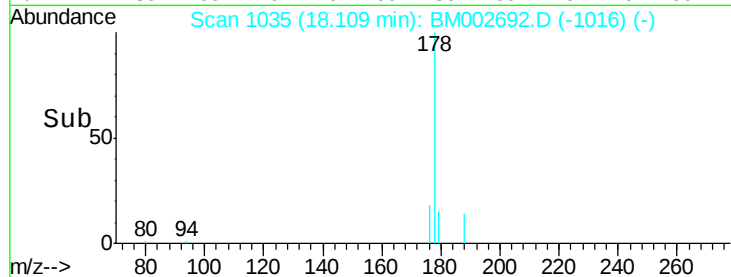
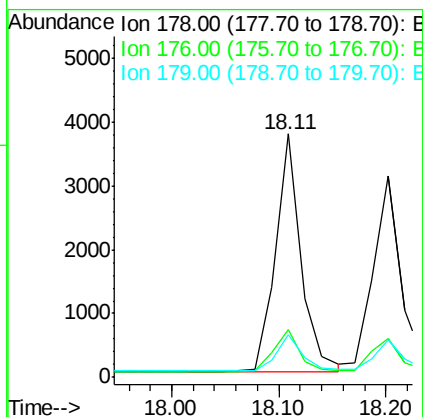
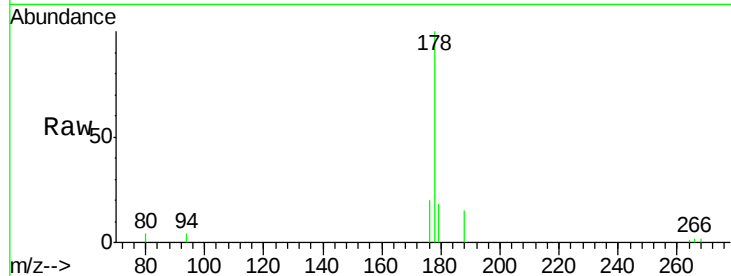
268 64.9 54.2 81.2





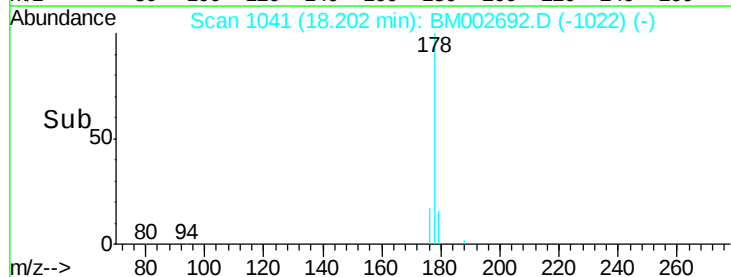
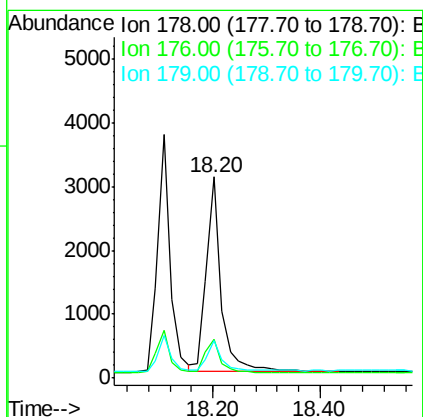
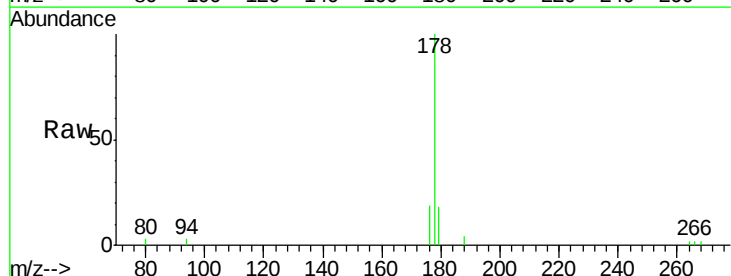
#14
Phenanthrene
Concen: 0.09 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002692.D
Acq: 11 Sep 2015 21:39

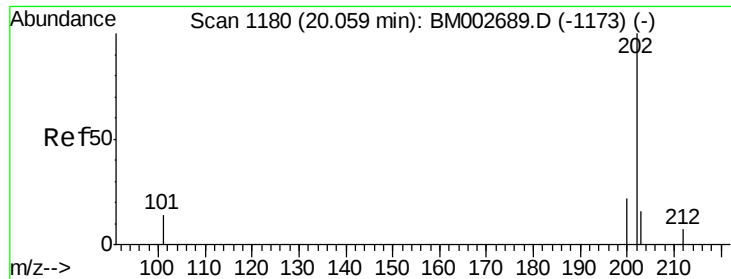
Tot Ion:178 Resp: 6112
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 17.6 12.8 19.2



#15
Anthracene
Concen: 0.09 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM002692.D
Acq: 11 Sep 2015 21:39

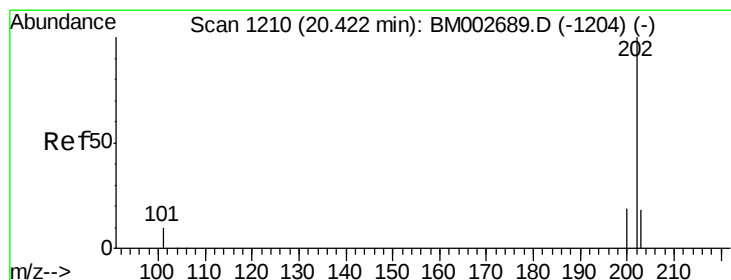
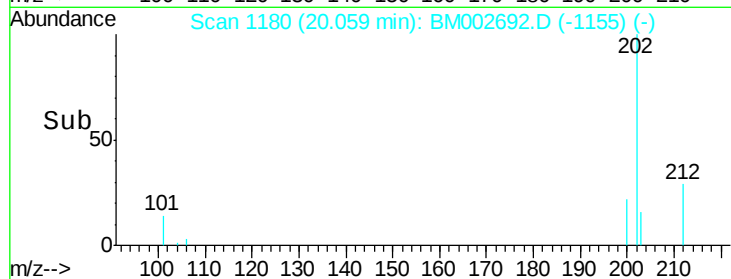
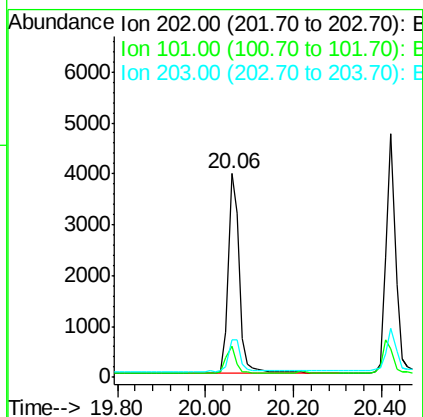
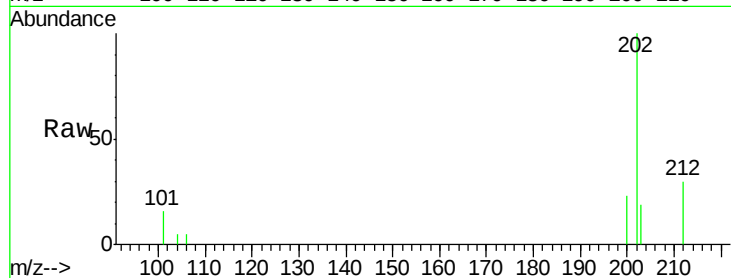
Tgt Ion:178 Resp: 5921
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 18.4 13.3 19.9





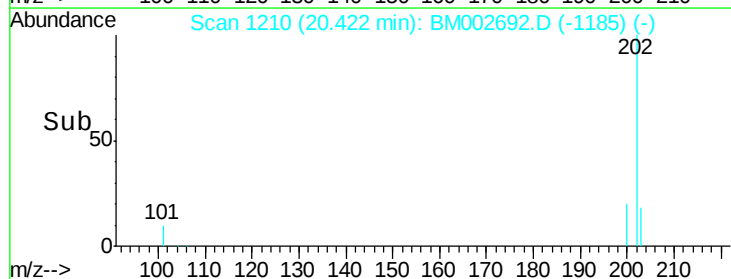
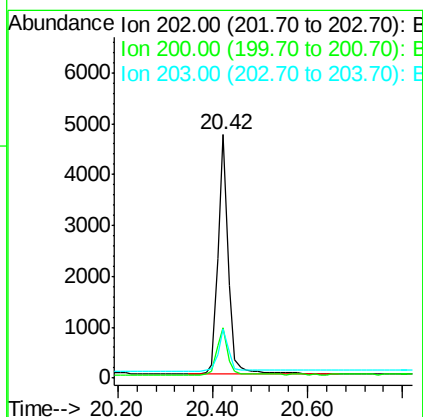
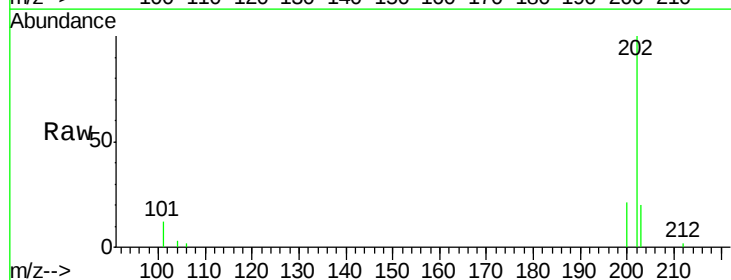
#17
Fluoranthene
 Concen: 0.10 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BM002692.D
 Acq: 11 Sep 2015 21:39

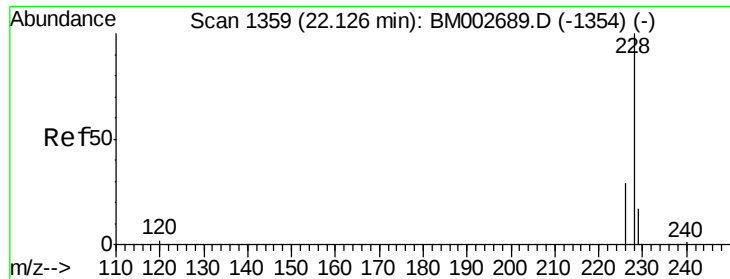
Tot Ion:202 Resp: 6792
 Ion Ratio Lower Upper
 202 100
 101 15.6 0.0 33.1
 203 18.6 0.0 37.2



#19
Pyrene
 Concen: 0.09 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BM002692.D
 Acq: 11 Sep 2015 21:39

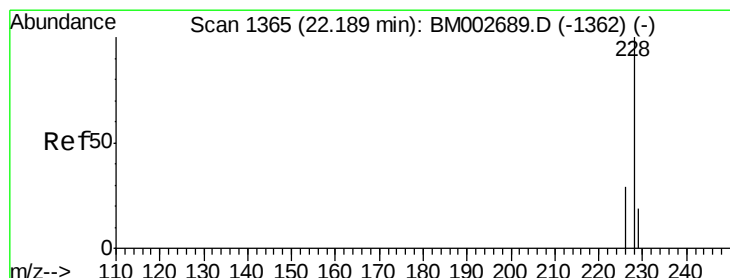
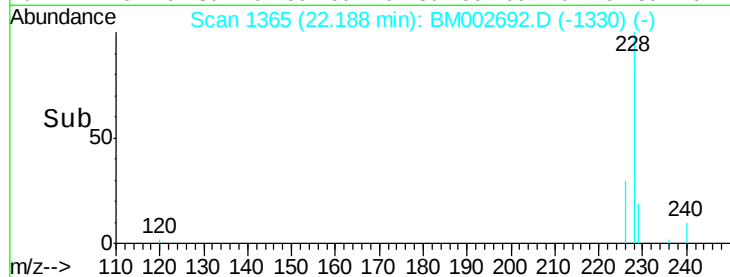
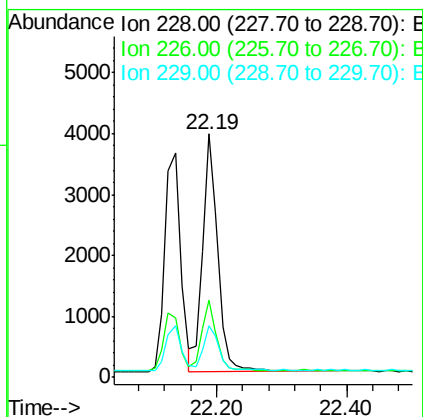
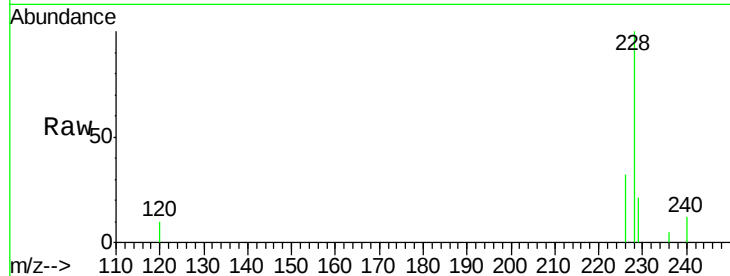
Tgt Ion:202 Resp: 7016
 Ion Ratio Lower Upper
 202 100
 200 20.7 18.0 27.0
 203 20.0 13.8 20.6





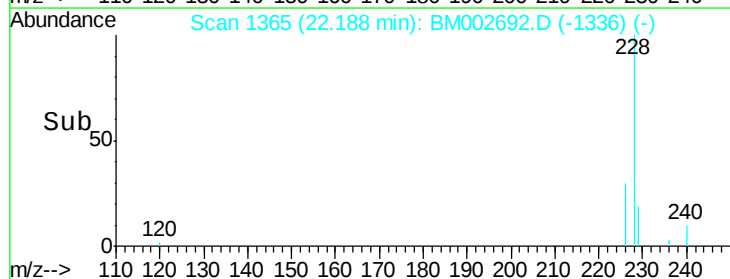
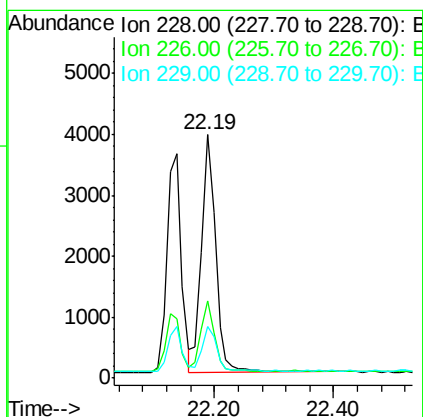
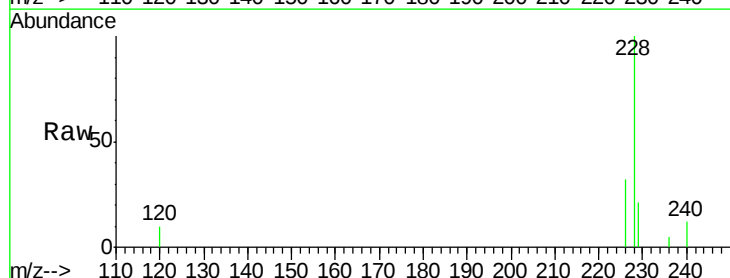
#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. 0.06 min
Lab File: BM002692.D
Acq: 11 Sep 2015 21:39

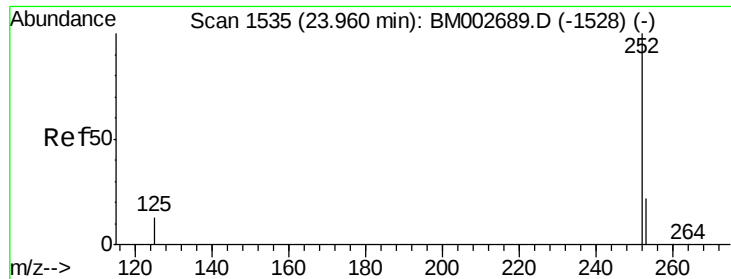
Tot Ion:228 Resp: 6412
Ion Ratio Lower Upper
228 100
226 31.8 23.0 34.4
229 21.4 15.2 22.8



#21
Chrysene
Concen: 0.10 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BM002692.D
Acq: 11 Sep 2015 21:39

Tgt Ion:228 Resp: 6441
Ion Ratio Lower Upper
228 100
226 31.8 25.7 38.5
229 21.4 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: BM002692.D

Acq: 11 Sep 2015 21:39

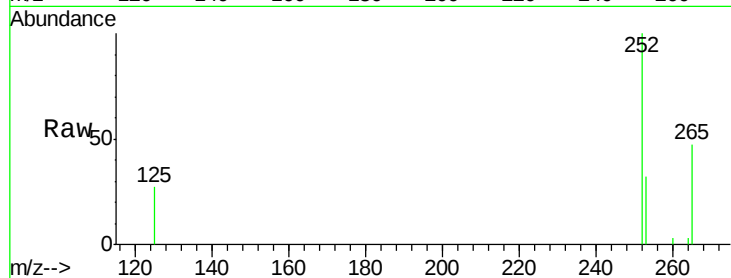
Tot Ion:252 Resp: 6352

Ion Ratio Lower Upper

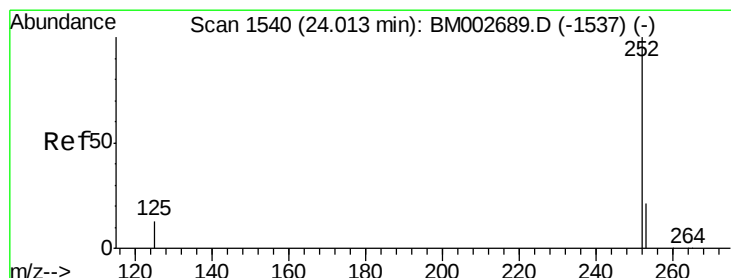
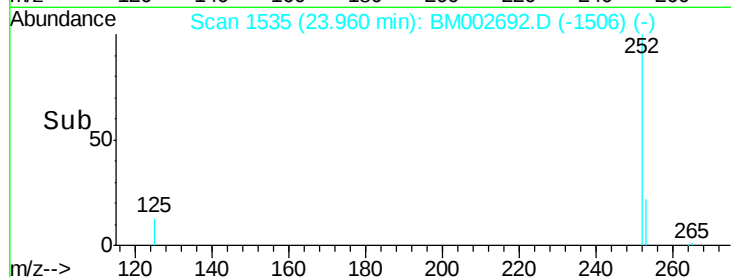
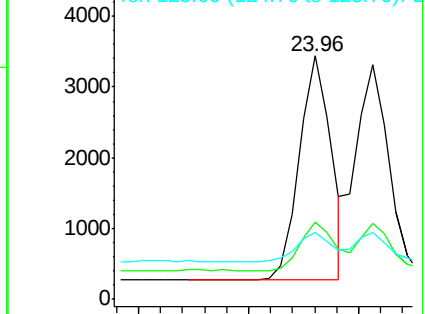
252 100

253 31.8 0.0 48.0

125 27.4 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: BM002692.D

Acq: 11 Sep 2015 21:39

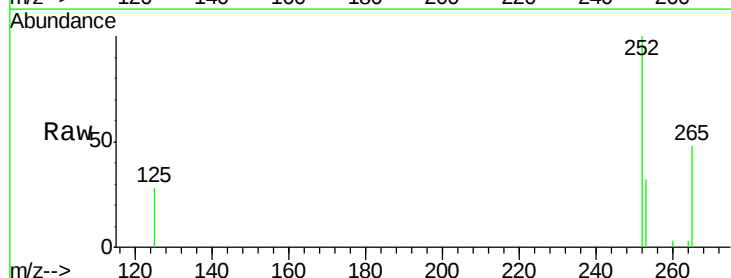
Tgt Ion:252 Resp: 6648

Ion Ratio Lower Upper

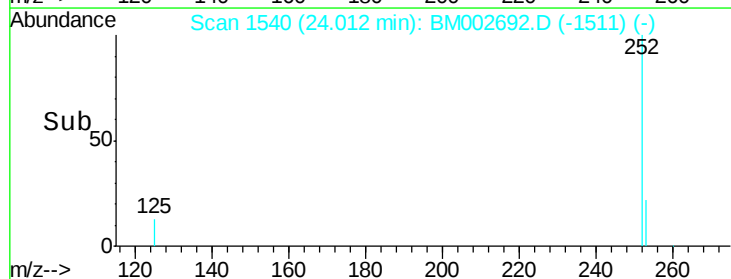
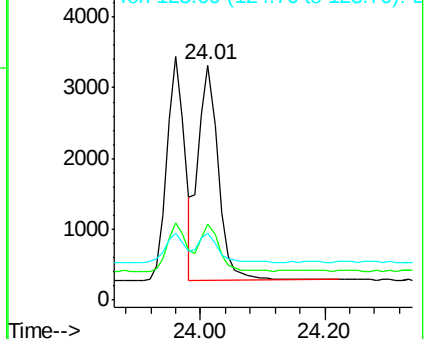
252 100

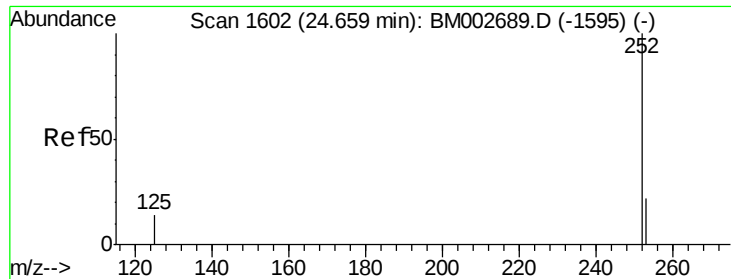
253 32.3 20.8 31.2#

125 28.4 12.2 18.4#



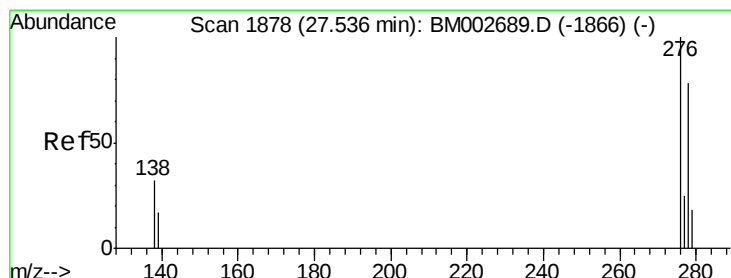
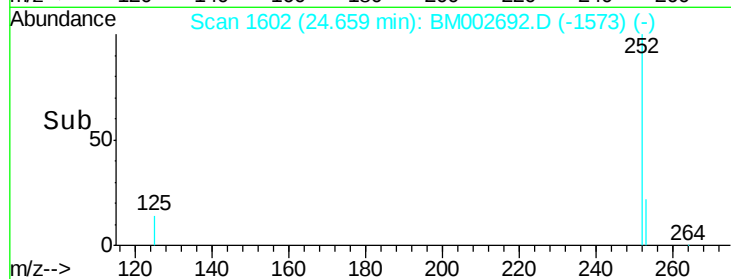
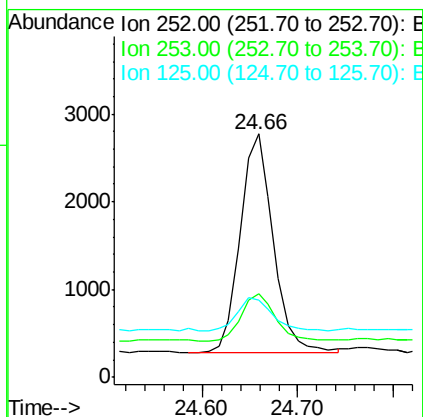
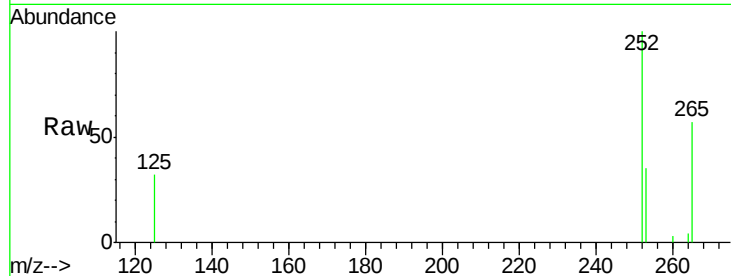
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





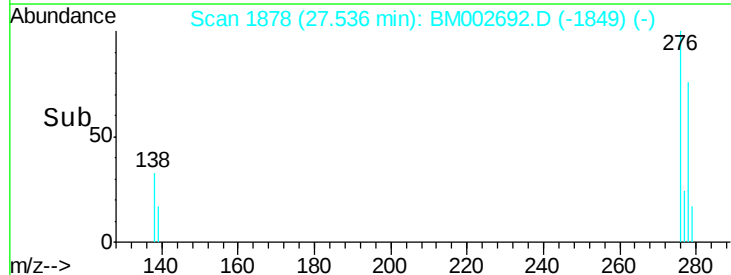
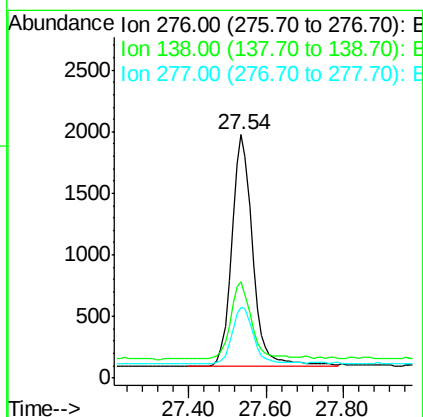
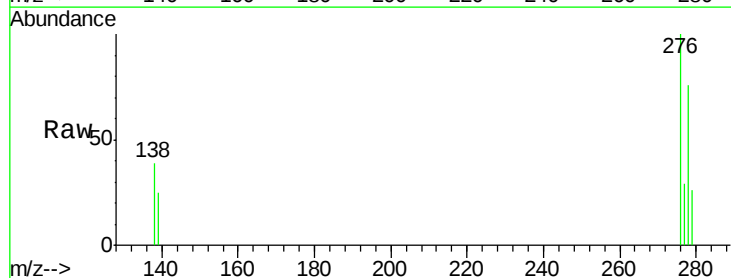
#25
Benzo(a)pyrene
Concen: 0.09 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM002692.D
Acq: 11 Sep 2015 21:39

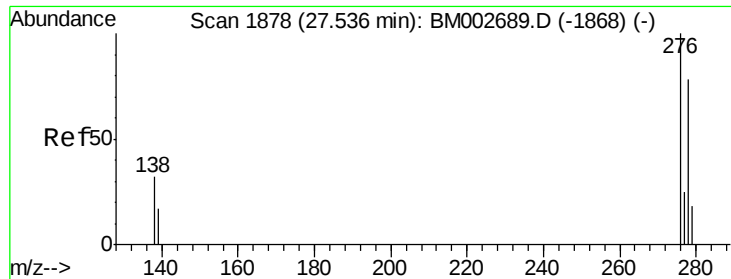
Tot Ion: 252 Resp: 6026
Ion Ratio Lower Upper
252 100
253 34.5 21.8 32.8#
125 32.0 14.5 21.7#



#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: BM002692.D
Acq: 11 Sep 2015 21:39

Tgt Ion: 276 Resp: 7085
Ion Ratio Lower Upper
276 100
138 32.9 27.5 41.3
277 25.0 19.3 28.9

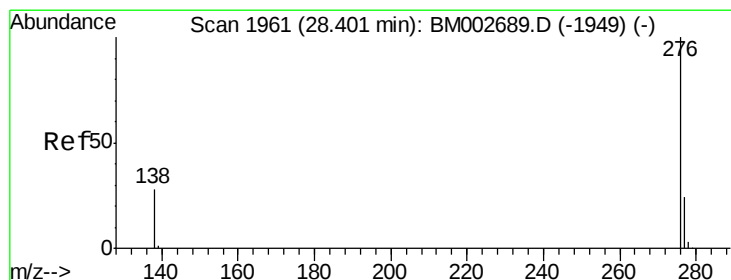
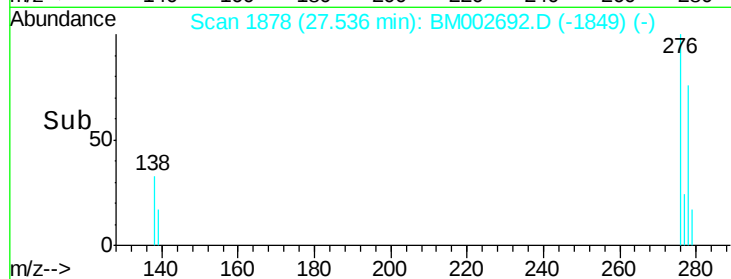
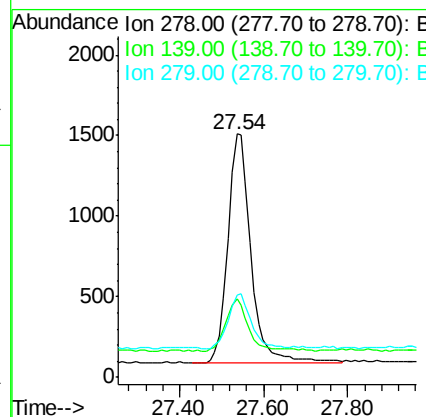
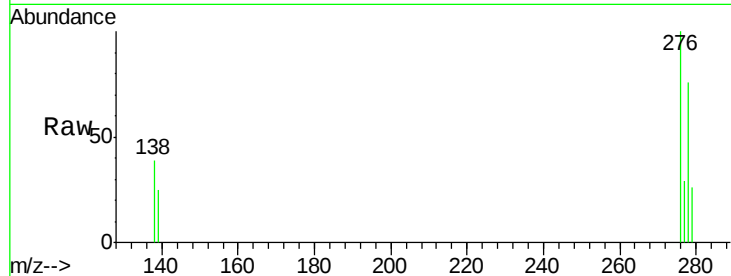




#27
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM002692.D
Acq: 11 Sep 2015 21:39

Tot Ion: 278 Resp: 5402

Ion	Ratio	Lower	Upper
278	100		
139	32.4	21.7	32.5
279	33.7	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: BM002692.D
Acq: 11 Sep 2015 21:39

Tgt Ion: 276 Resp: 6324

Ion	Ratio	Lower	Upper
276	100		
277	29.1	21.3	31.9
138	36.1	25.5	38.3

