

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092815\
 Data File : BM002731.D
 Acq On : 28 Sep 2015 12:55
 Operator : UM/IZ
 Sample : G3798-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G60

Quant Time: Sep 29 00:32:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 00:32:23 2015
 Response via : Initial Calibration

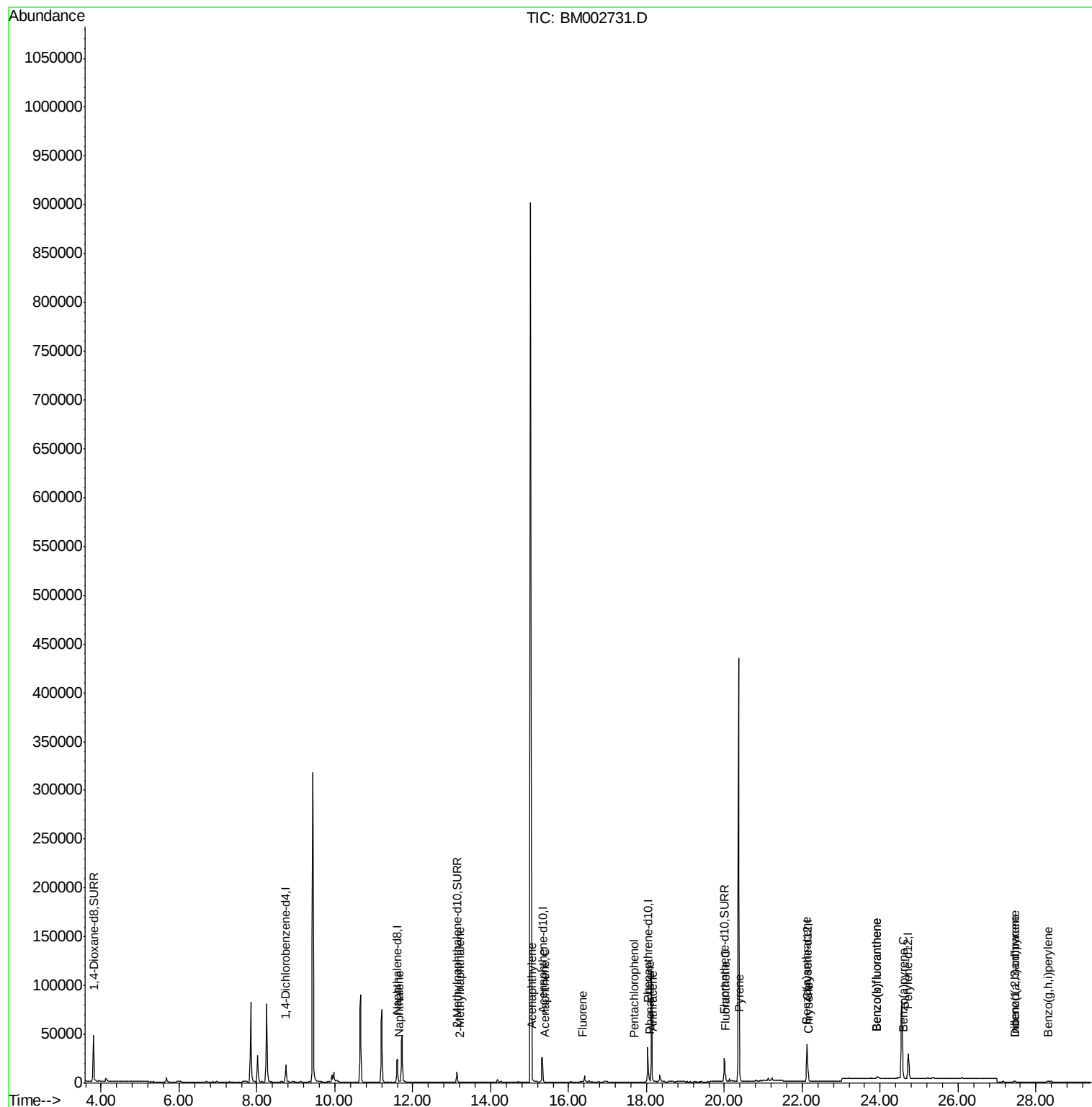
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	9900	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	38476	0.40	ng/ul	0.01
8) Acenaphthene-d10	15.33	164	20601	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	44063	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	44065	0.40	ng/ul	0.00
22) Perylene-d12	24.72	264	39845	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	46832	4.58	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	14487	0.26	ng/ul	0.00
16) Fluoranthene-d10	20.00	212	28330	0.26	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	11.65	128	793	0.01	ng/ul#	50
7) 2-Methylnaphthalene	13.20	142	532	0.01	ng/ul#	71
9) Acenaphthylene	15.06	152	283	0.00	ng/ul#	2
10) Acenaphthene	15.38	153	122	0.00	ng/ul#	81
11) Fluorene	16.36	166	280	0.00	ng/ul#	78
13) Pentachlorophenol	17.69	266	208	0.02	ng/ul#	79
14) Phenanthrene	18.08	178	4887	0.03	ng/ul#	91
15) Anthracene	18.15	178	564	0.00	ng/ul#	28
17) Fluoranthene	20.03	202	6949	0.04	ng/ul	91
19) Pyrene	20.39	202	6755	0.04	ng/ul#	88
20) Benzo(a)anthracene	22.10	228	2450	0.02	ng/ul#	76
21) Chrysene	22.16	228	3400	0.02	ng/ul#	80
23) Benzo(b)fluoranthene	23.92	252	5768	0.04	ng/ul#	33
24) Benzo(k)fluoranthene	23.92	252	5768	0.04	ng/ul#	35
25) Benzo(a)pyrene	24.61	252	1926	0.01	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.45	276	1953	0.01	ng/ul#	82
27) Dibenzo(a,h)anthracene	27.45	278	449	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	28.31	276	2204	0.02	ng/ul#	57

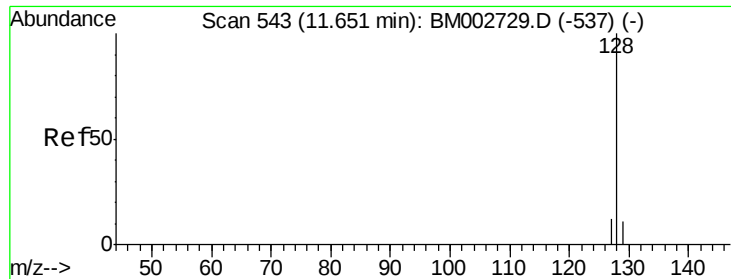
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 29 00:32:23 2015
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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

Instrument :

BNA_M

ClientSampleId :

D9G60

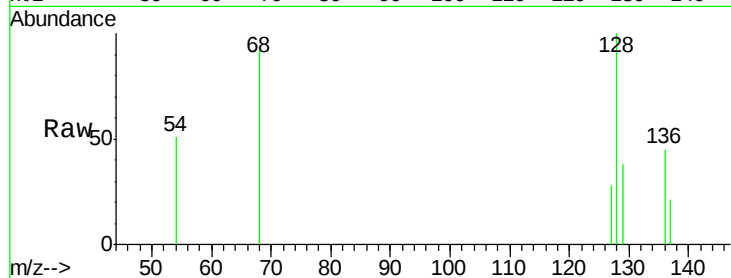
Tgt Ion:128 Resp: 793

Ion Ratio Lower Upper

128 100

129 38.1 9.8 14.8#

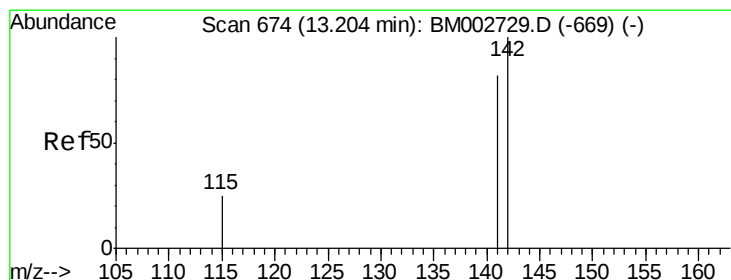
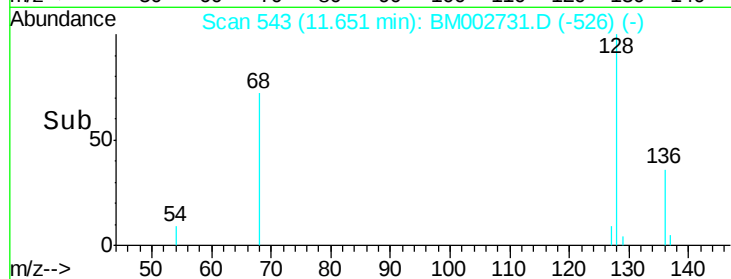
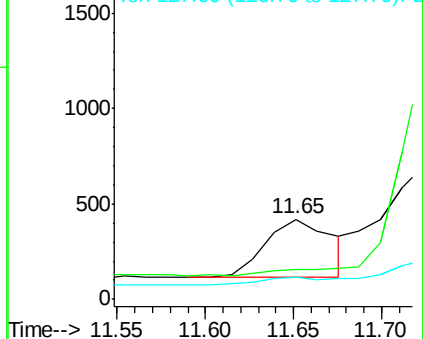
127 27.6 10.7 16.1#



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: 0.01 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002731.D

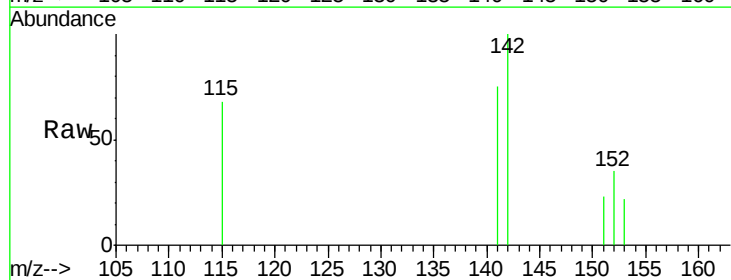
Acq: 28 Sep 2015 12:55

Tgt Ion:142 Resp: 532

Ion Ratio Lower Upper

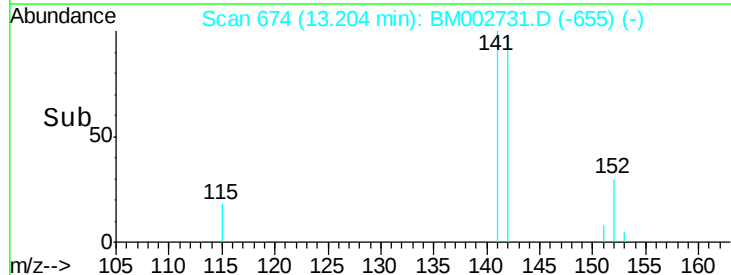
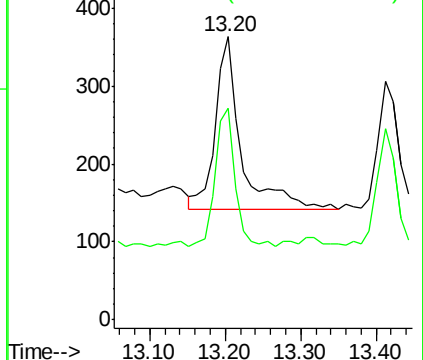
142 100

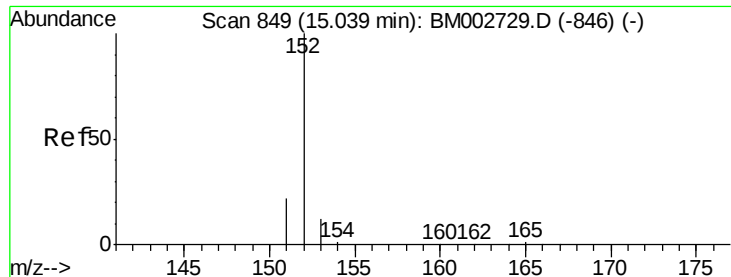
141 60.9 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.02 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

Instrument :

BNA_M

ClientSampleId :

D9G60

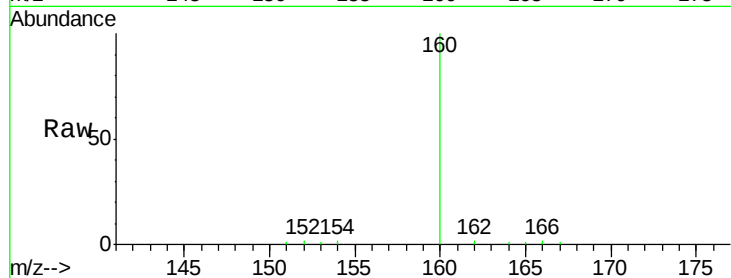
Tgt Ion:152 Resp: 283

Ion Ratio Lower Upper

152 100

151 57.8 16.8 25.2#

153 65.6 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

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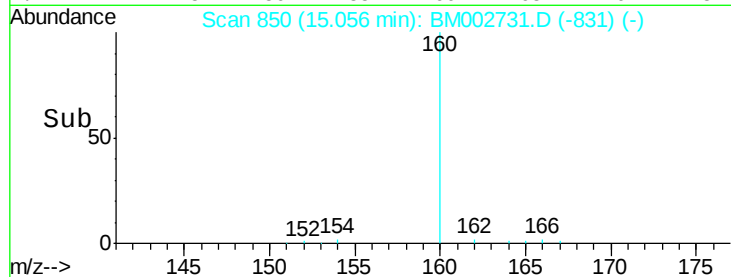
15.06

15.06

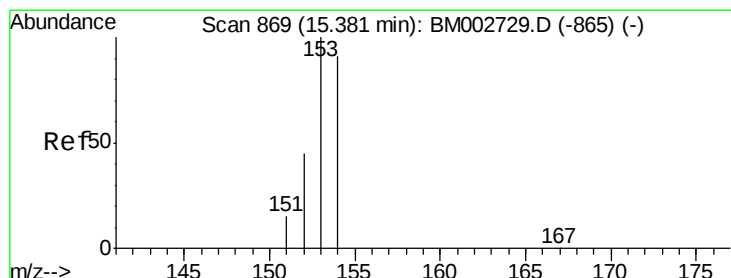
15.06

15.06

15.06



Time--> 14.90 15.00 15.10



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

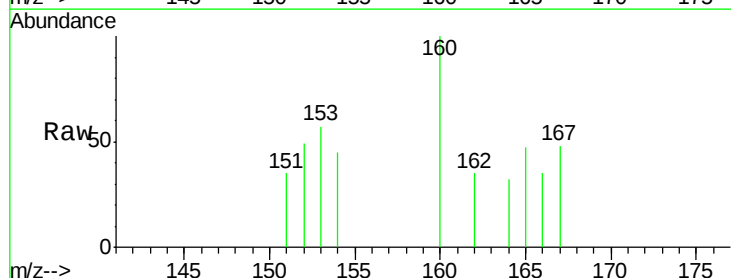
Tgt Ion:153 Resp: 122

Ion Ratio Lower Upper

153 100

152 85.8 42.3 63.5#

154 79.6 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

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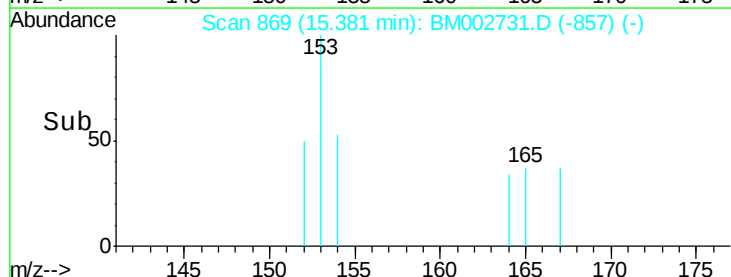
15.38

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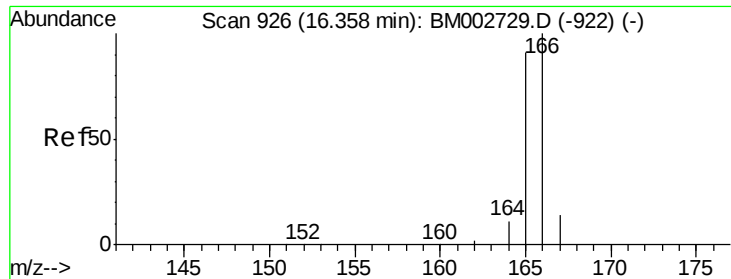
15.38

15.38

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Time--> 15.30 15.40



#11

Fluorene

Concen: 0.00 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

Instrument :

BNA_M

ClientSampleId :

D9G60

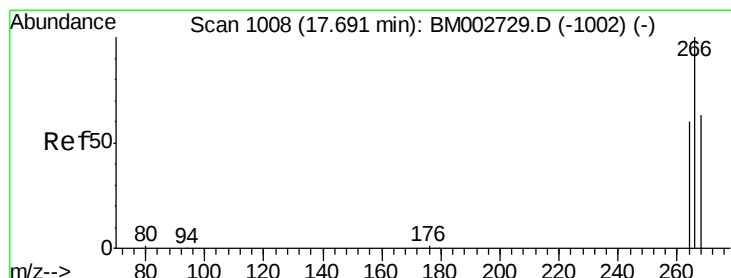
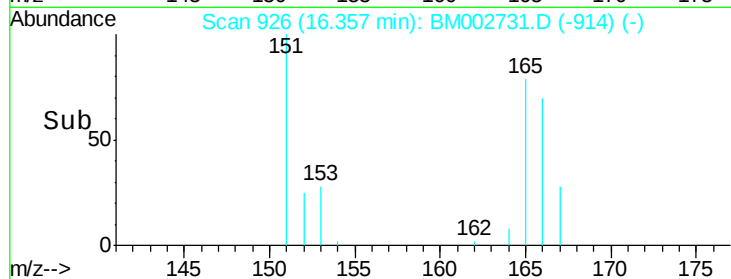
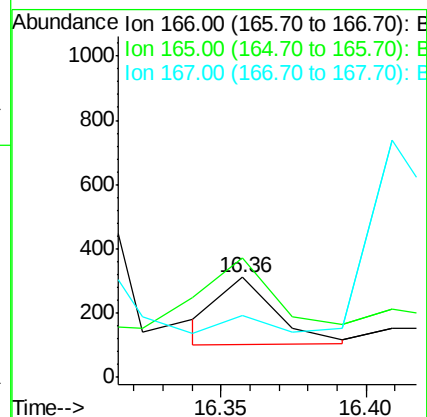
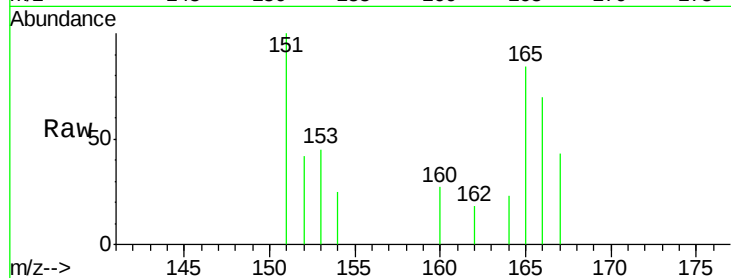
Tgt Ion:166 Resp: 280

Ion Ratio Lower Upper

166 100

165 119.6 87.6 131.4

167 61.7 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.02 ng/ul

RT: 17.69 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

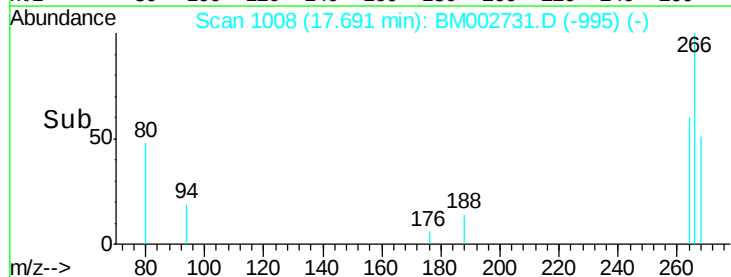
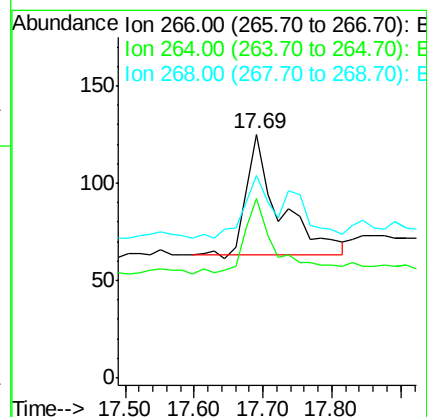
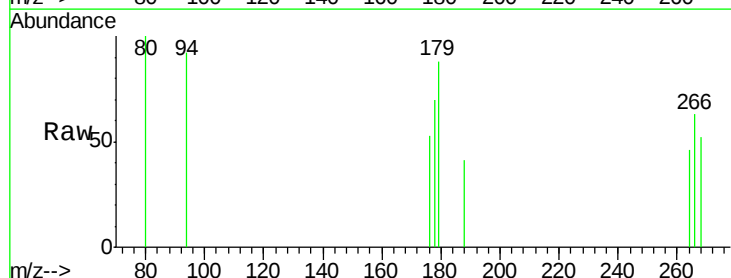
Tgt Ion:266 Resp: 208

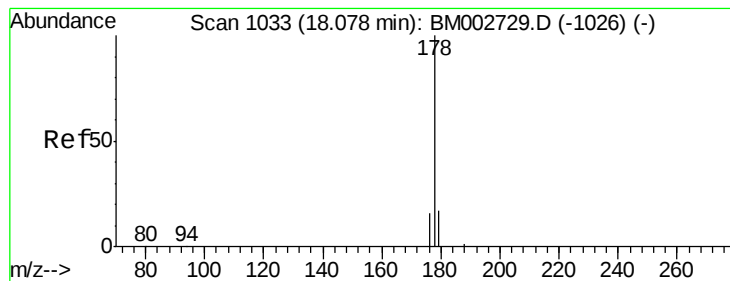
Ion Ratio Lower Upper

266 100

264 61.5 53.5 80.3

268 39.9 54.2 81.2#





#14

Phenanthrene

Concen: 0.03 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

Instrument :

BNA_M

ClientSampleId :

D9G60

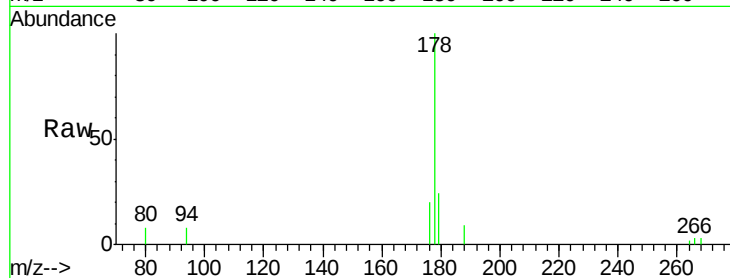
Tgt Ion:178 Resp: 4887

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

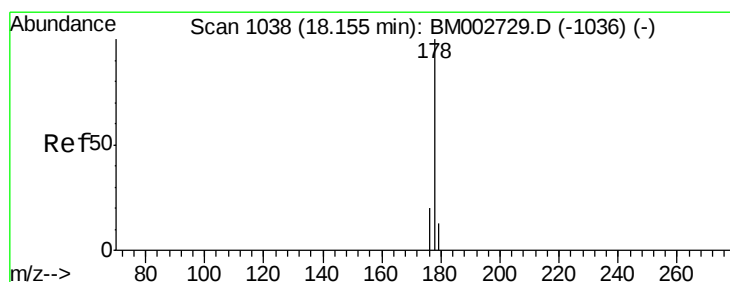
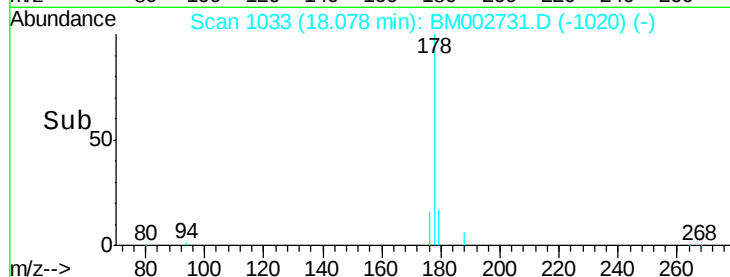
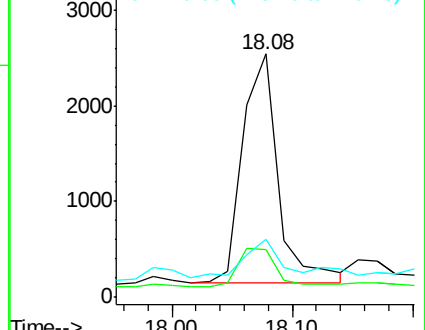
179 24.0 12.8 19.2#



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: 0.00 ng/ul

RT: 18.15 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

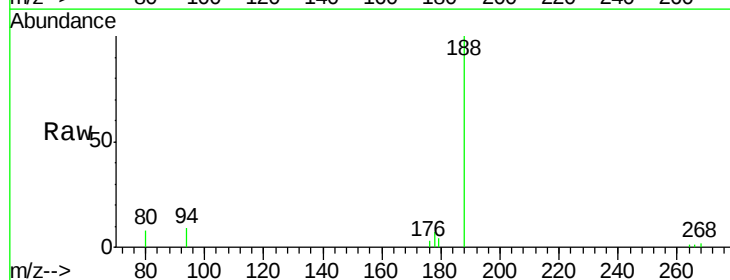
Tgt Ion:178 Resp: 564

Ion Ratio Lower Upper

178 100

176 40.6 15.8 23.8#

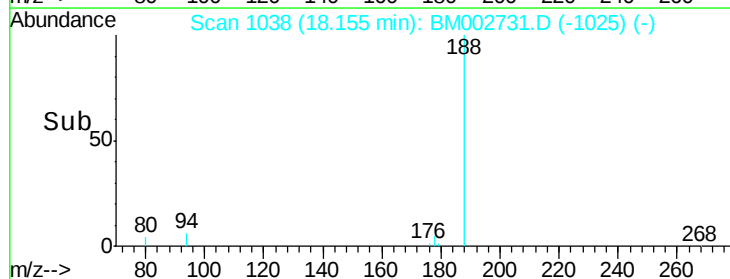
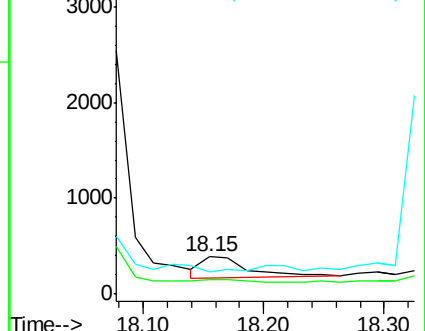
179 61.5 13.3 19.9#

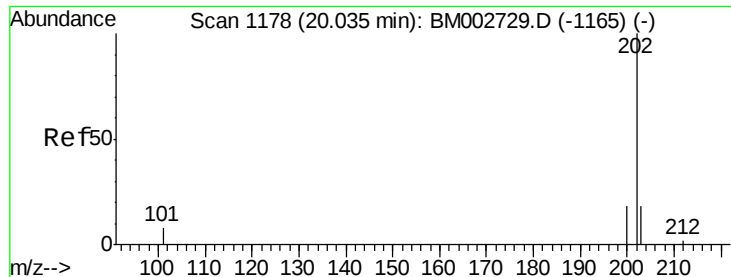


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

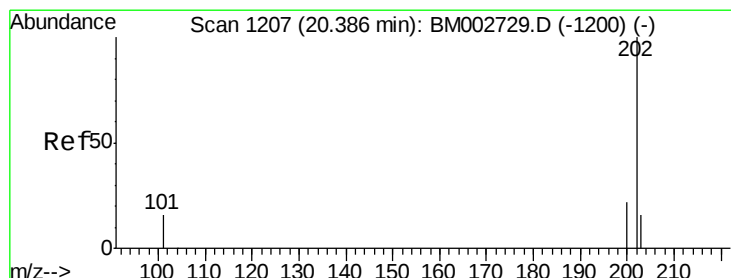
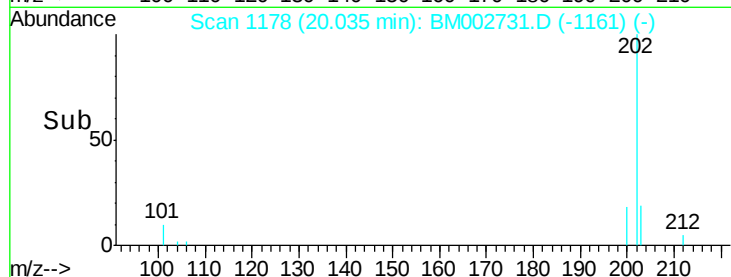
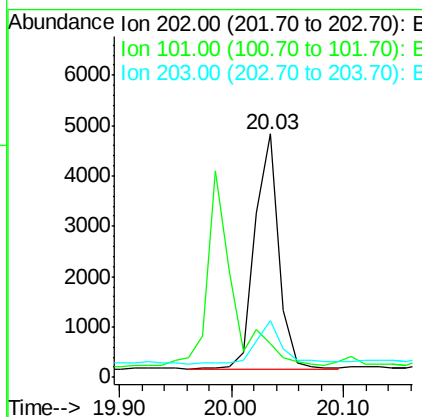
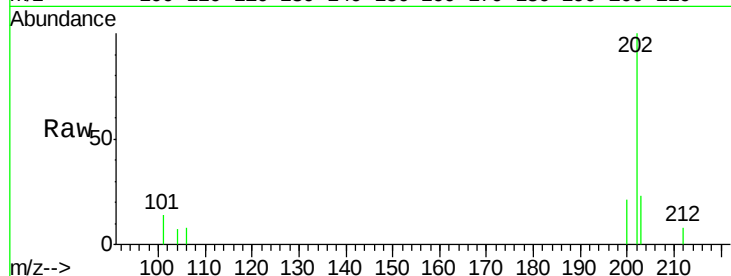




#17
Fluoranthene
 Concen: 0.04 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM002731.D
 Acq: 28 Sep 2015 12:55

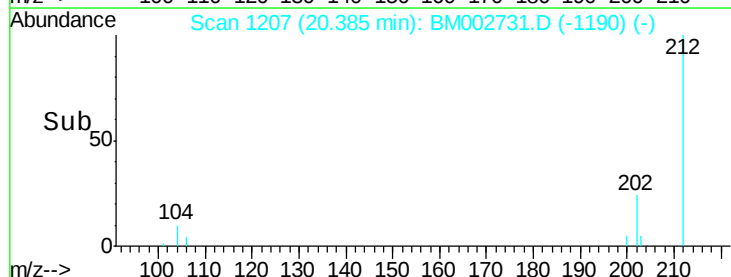
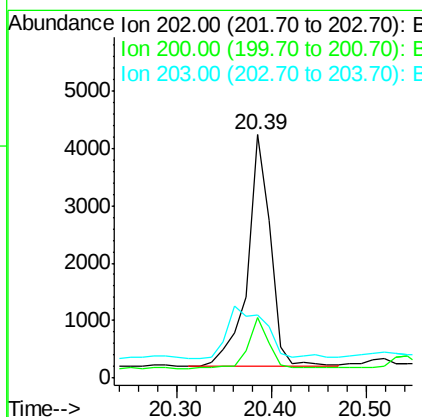
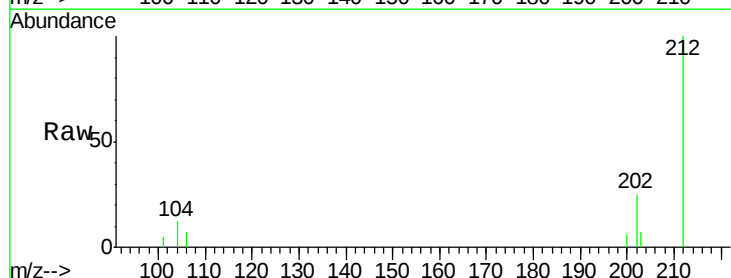
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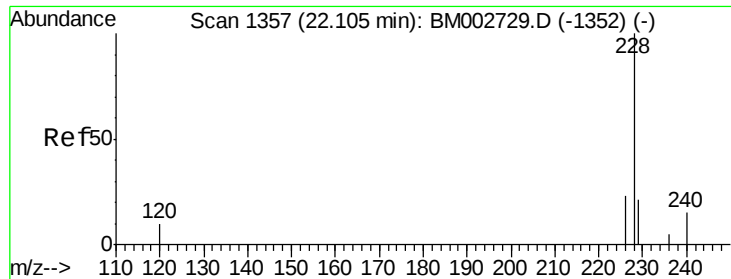
Tgt Ion:202 Resp: 6949
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 33.1
 203 23.5 0.0 37.2



#19
Pyrene
 Concen: 0.04 ng/ul
 RT: 20.39 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BM002731.D
 Acq: 28 Sep 2015 12:55

Tgt Ion:202 Resp: 6755
 Ion Ratio Lower Upper
 202 100
 200 24.9 18.0 27.0
 203 26.0 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 22.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

Instrument :

BNA_M

ClientSampleId :

D9G60

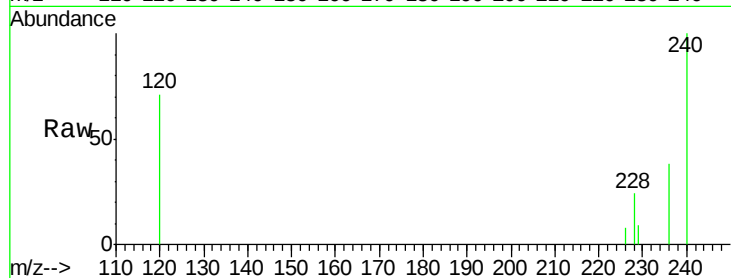
Tgt Ion:228 Resp: 2450

Ion Ratio Lower Upper

228 100

226 33.9 23.0 34.4

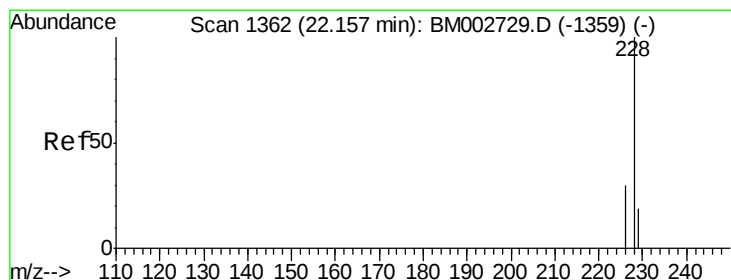
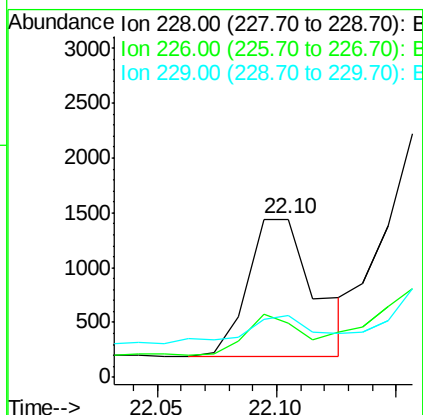
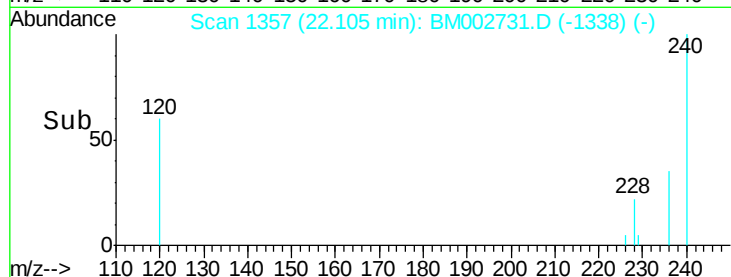
229 39.1 15.2 22.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Chrysene

Concen: 0.02 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

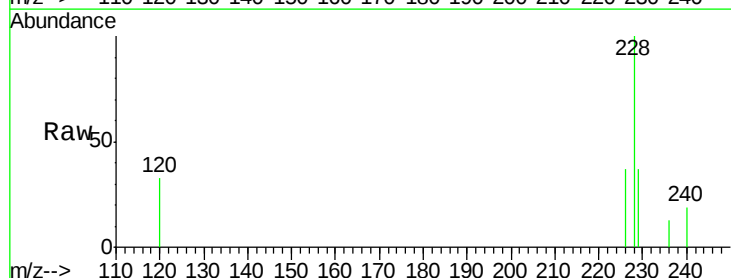
Tgt Ion:228 Resp: 3400

Ion Ratio Lower Upper

228 100

226 36.7 25.7 38.5

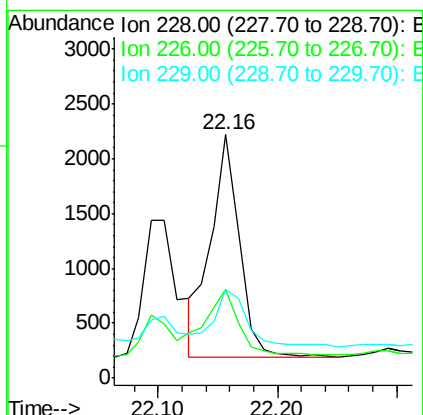
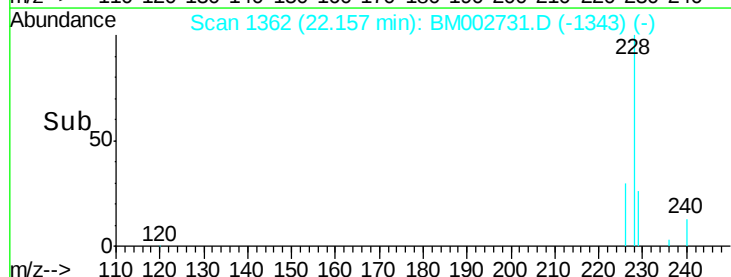
229 36.6 15.2 22.8#

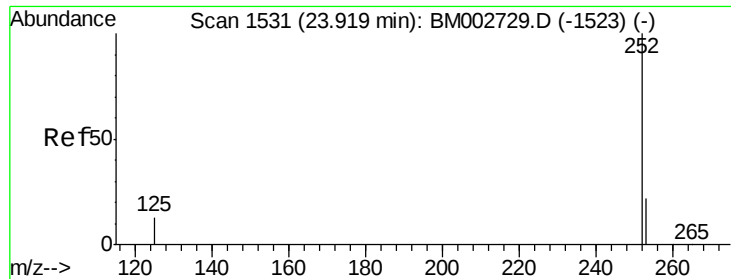


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.04 ng/u1

RT: 23.92 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

Instrument :

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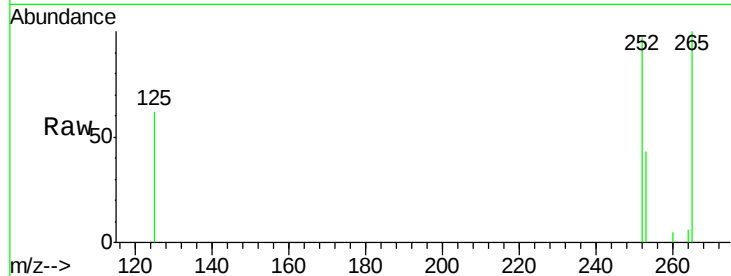
Tgt Ion:252 Resp: 5768

Ion Ratio Lower Upper

252 100

253 44.1 0.0 48.0

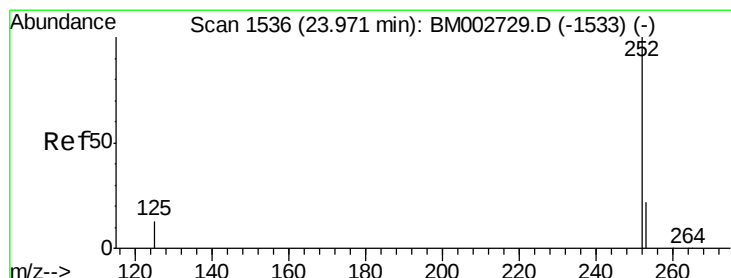
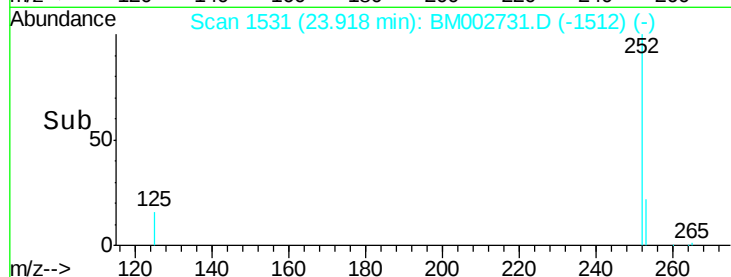
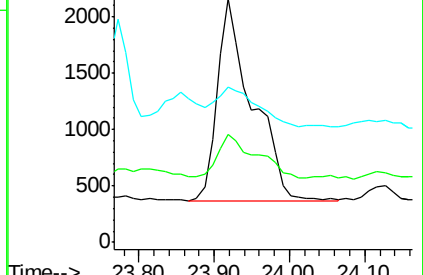
125 63.7 0.0 36.6#



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: 0.04 ng/u1

RT: 23.92 min Scan# 1531

Delta R.T. -0.05 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

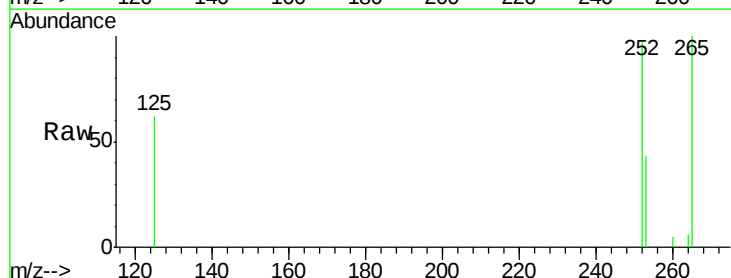
Tgt Ion:252 Resp: 5768

Ion Ratio Lower Upper

252 100

253 44.1 20.8 31.2#

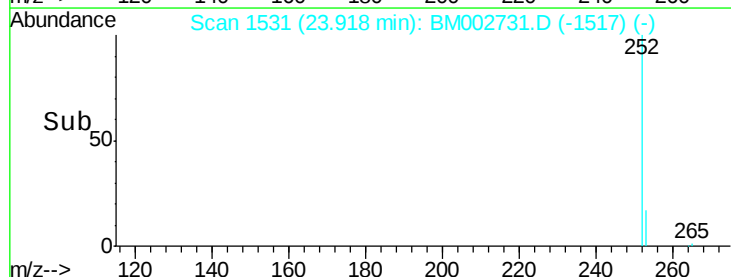
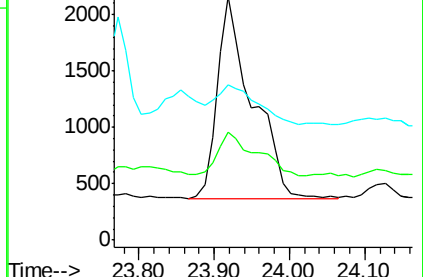
125 63.7 12.2 18.4#

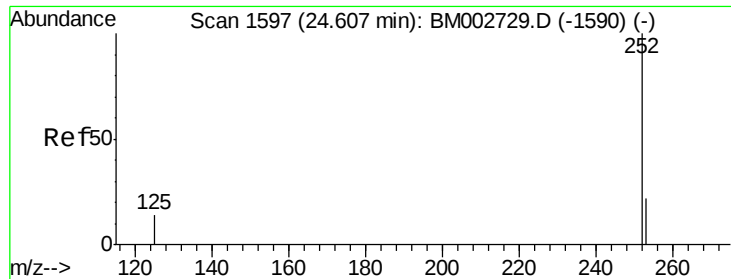


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 24.61 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

Instrument :

BNA_M

ClientSampleId :

D9G60

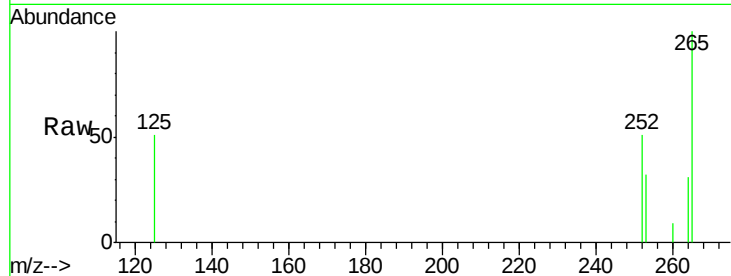
Tgt Ion:252 Resp: 1926

Ion Ratio Lower Upper

252 100

253 63.4 21.8 32.8#

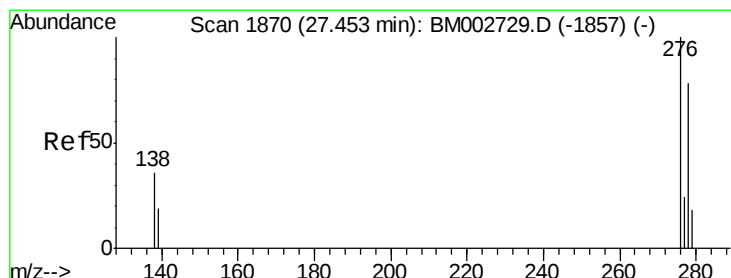
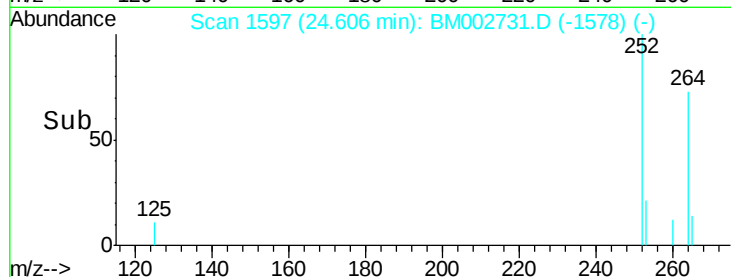
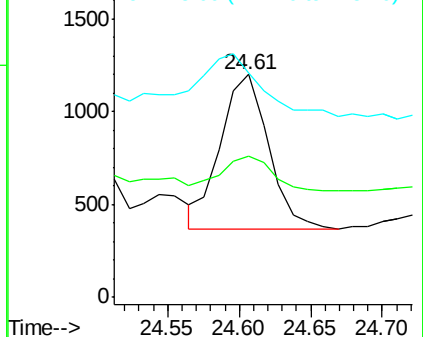
125 100.4 14.5 21.7#



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: 0.01 ng/ul

RT: 27.45 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

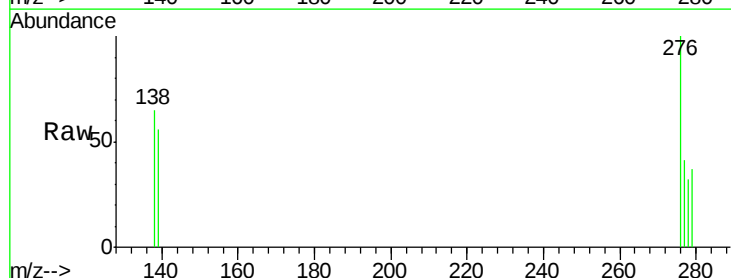
Tgt Ion:276 Resp: 1953

Ion Ratio Lower Upper

276 100

138 50.4 27.5 41.3#

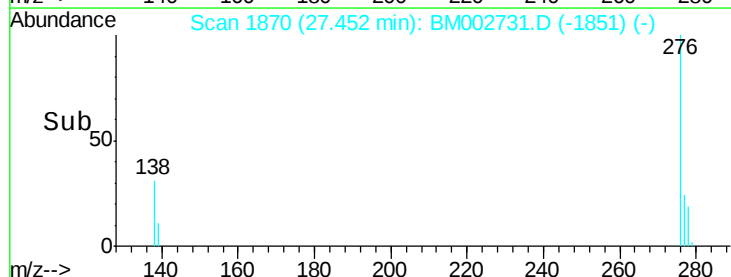
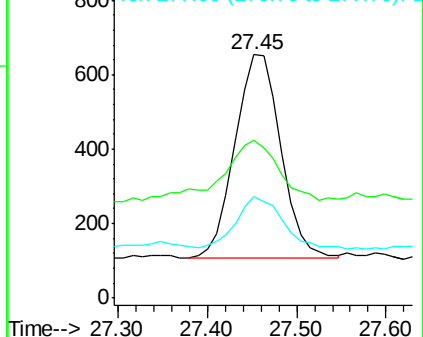
277 26.0 19.3 28.9

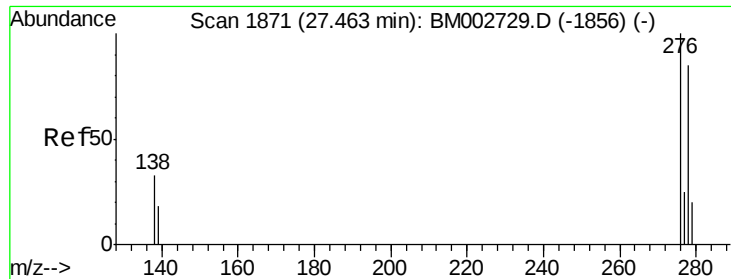


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 27.45 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

Instrument :

BNA_M

ClientSampleId :

D9G60

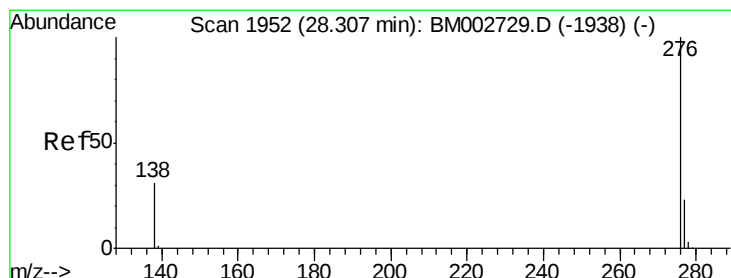
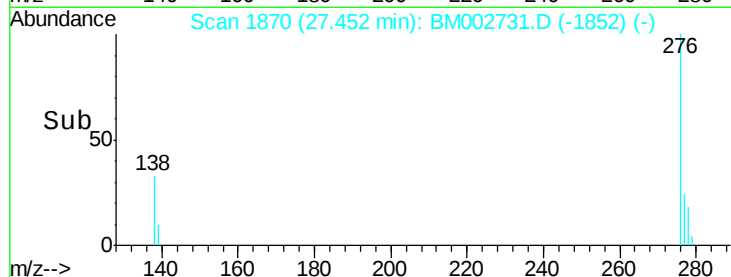
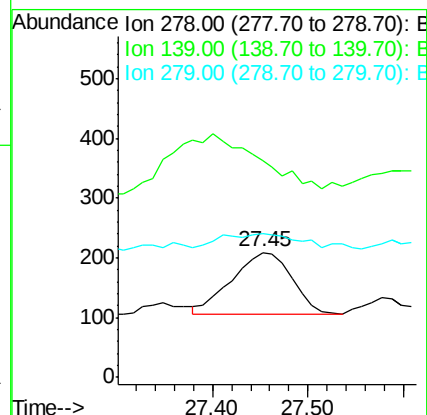
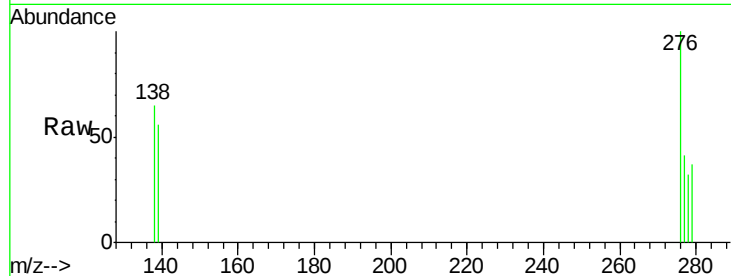
Tgt Ion:278 Resp: 449

Ion Ratio Lower Upper

278 100

139 173.7 21.7 32.5#

279 114.8 21.9 32.9#



#28

Benzo(g,h,i)perylene

Concen: 0.02 ng/ul

RT: 28.31 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BM002731.D

Acq: 28 Sep 2015 12:55

Tgt Ion:276 Resp: 2204

Ion Ratio Lower Upper

276 100

277 39.3 21.3 31.9#

138 64.0 25.5 38.3#

