

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002747.D
 Acq On : 28 Sep 2015 23:20
 Operator : UM/IZ
 Sample : G3798-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G63

Quant Time: Sep 29 02:54:36 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 02:52:19 2015
 Response via : Initial Calibration

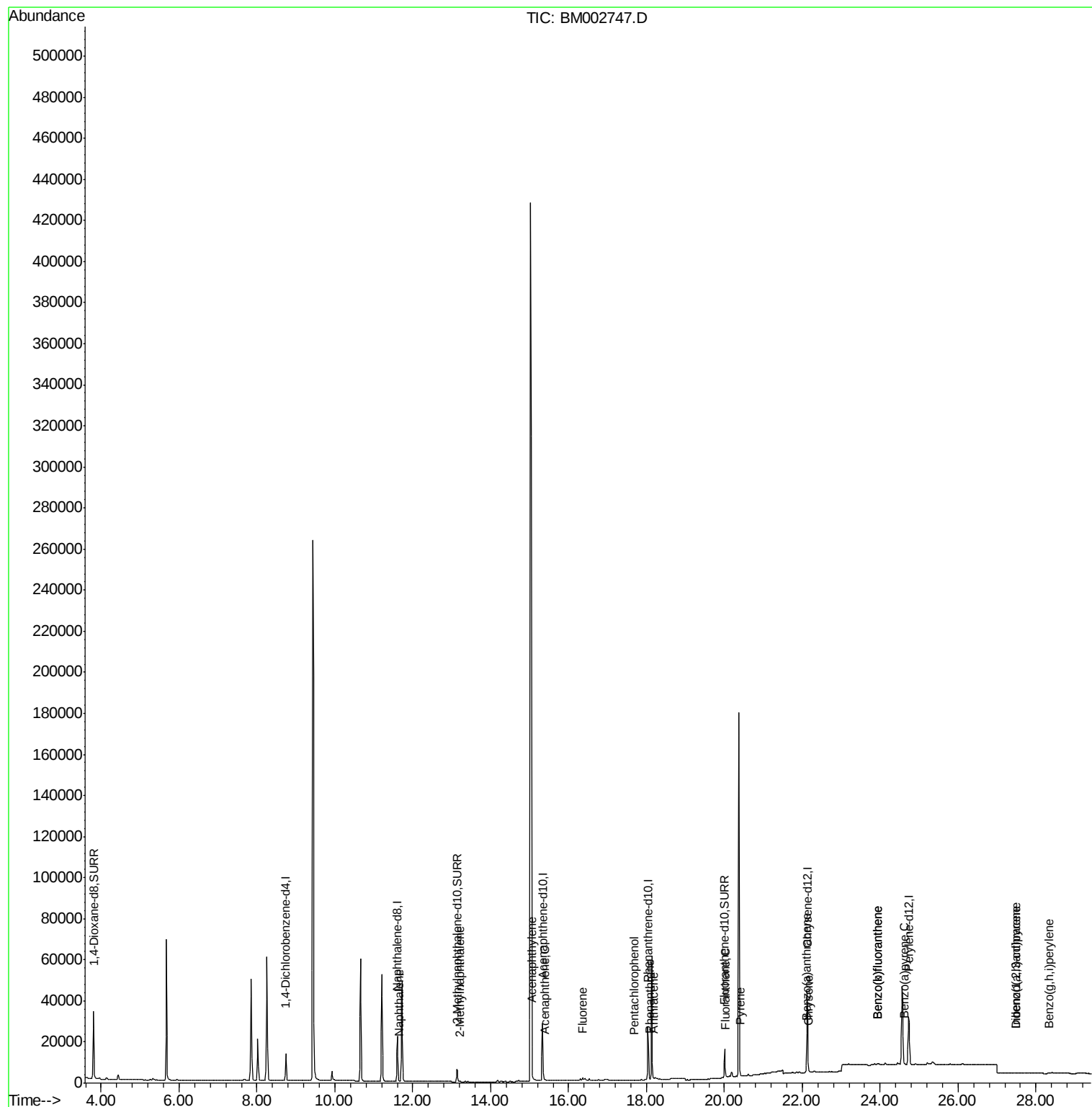
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	8476	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	32558	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	16816	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	35999	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	37829	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	36555	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	30381	3.47	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	8964	0.19	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	16024	0.18	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	279	0.00	ng/ul#	11
7) 2-Methylnaphthalene	13.20	142	279	0.00	ng/ul	84
9) Acenaphthylene	15.06	152	5370	0.06	ng/ul#	95
10) Acenaphthene	15.38	153	1010	0.02	ng/ul#	85
11) Fluorene	16.36	166	1405	0.02	ng/ul#	95
13) Pentachlorophenol	17.69	266	85	0.01	ng/ul	97
14) Phenanthrene	18.08	178	1049	0.01	ng/ul#	23
15) Anthracene	18.17	178	392	0.00	ng/ul#	1
17) Fluoranthene	20.03	202	2041	0.02	ng/ul#	21
19) Pyrene	20.40	202	1459	0.01	ng/ul#	13
20) Benzo(a)anthracene	22.10	228	994	0.01	ng/ul#	1
21) Chrysene	22.17	228	513	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	23.93	252	948	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	23.93	252	878	0.01	ng/ul#	1
25) Benzo(a)pyrene	24.62	252	964	0.01	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.47	276	343	0.00	ng/ul#	51
27) Dibenzo(a,h)anthracene	27.47	278	81	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	28.34	276	344	0.00	ng/ul#	1

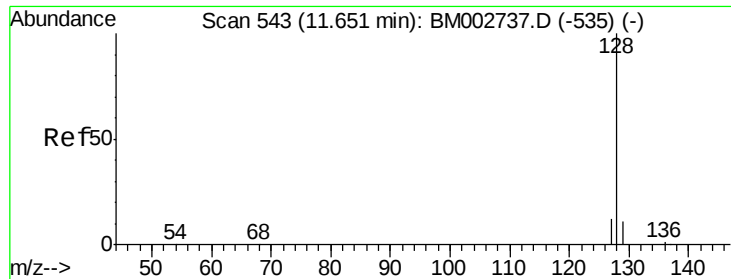
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002747.D
Acq On : 28 Sep 2015 23:20
Operator : UM/IZ
Sample : G3798-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G63

Quant Time: Sep 29 02:54:36 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 02:52:19 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.00 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

Instrument :

BNA_M

ClientSampleId :

D9G63

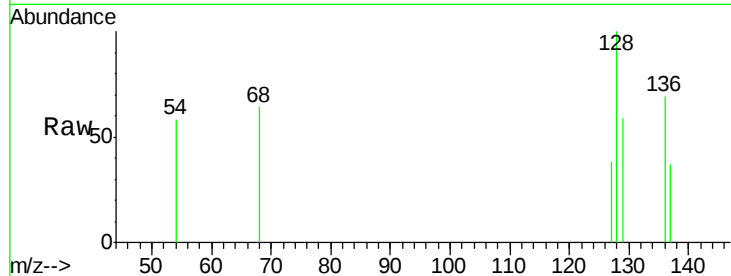
Tot Ion:128 Resp: 279

Ion Ratio Lower Upper

128 100

129 58.8 9.8 14.8#

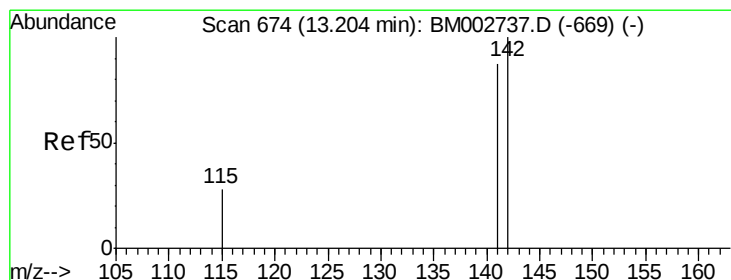
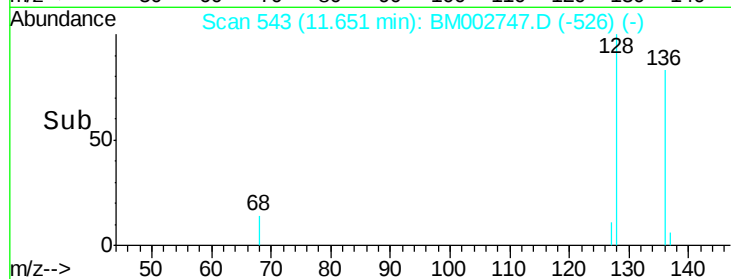
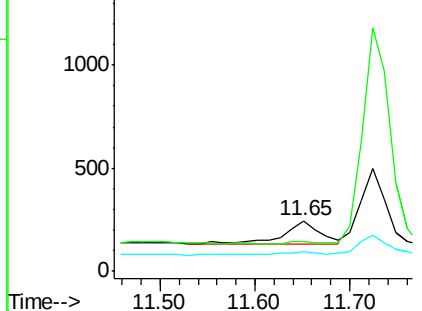
127 38.0 10.7 16.1#



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: 0.00 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002747.D

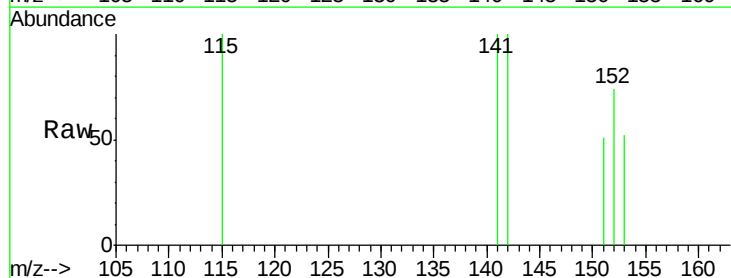
Acq: 28 Sep 2015 23:20

Tgt Ion:142 Resp: 279

Ion Ratio Lower Upper

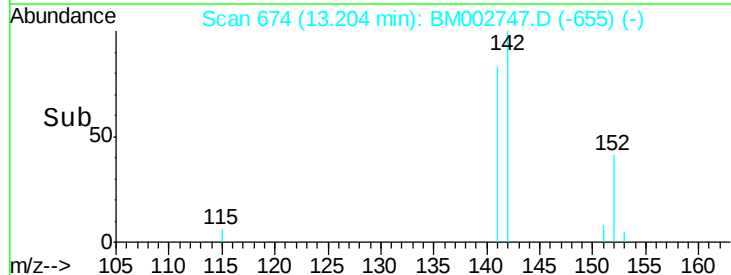
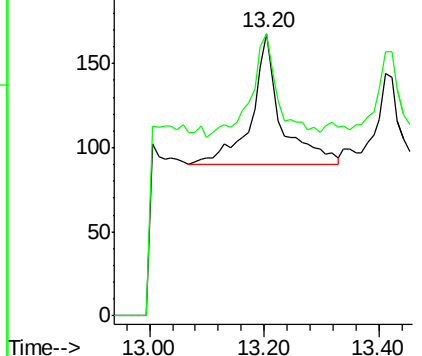
142 100

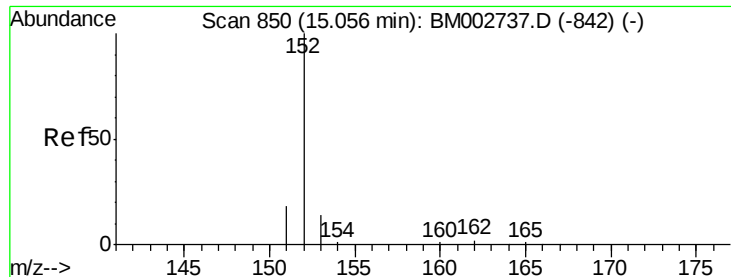
141 73.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.06 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

Instrument :

BNA_M

ClientSampleId :

D9G63

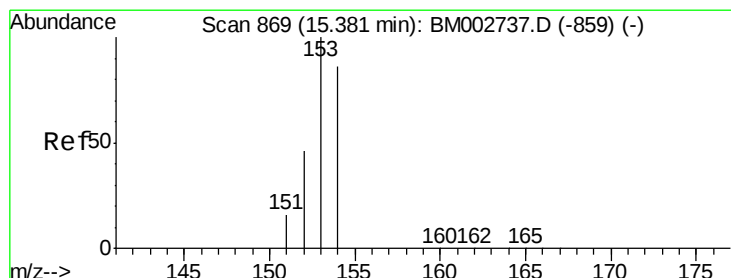
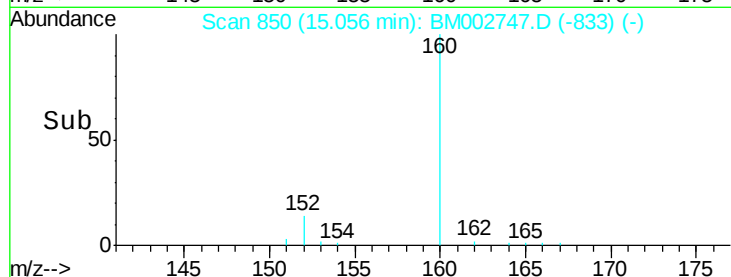
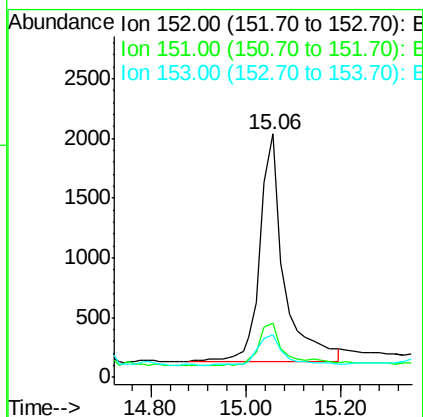
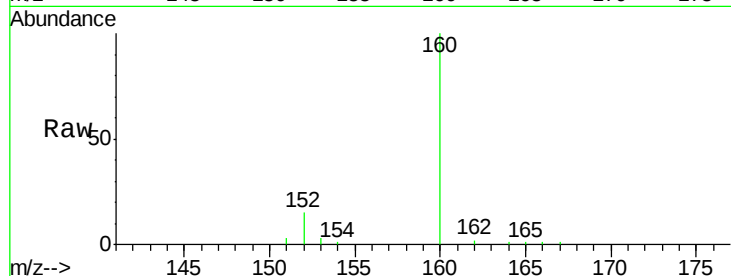
Tot Ion:152 Resp: 5370

Ion Ratio Lower Upper

152 100

151 22.2 16.8 25.2

153 17.7 11.3 16.9#



#10

Acenaphthene

Concen: 0.02 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

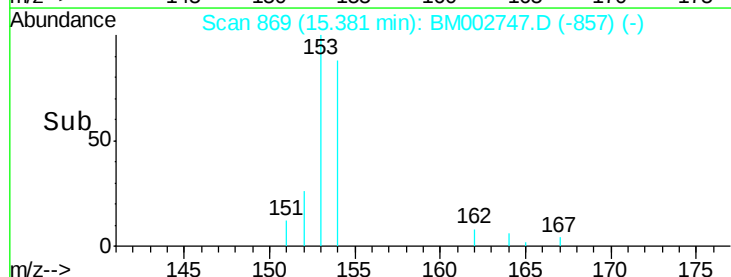
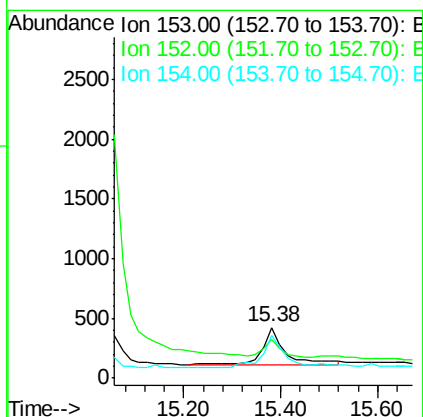
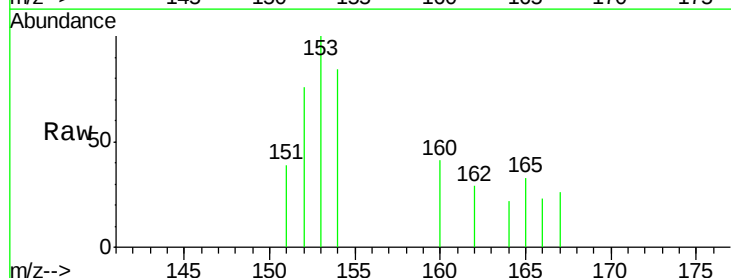
Tgt Ion:153 Resp: 1010

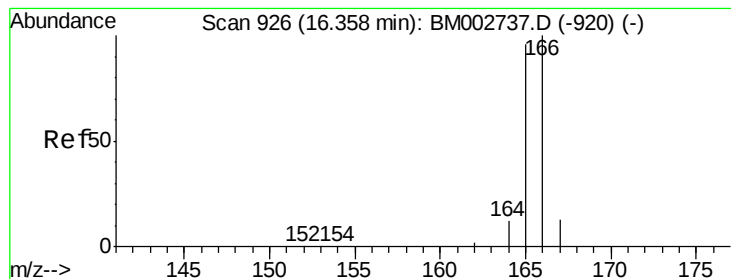
Ion Ratio Lower Upper

153 100

152 75.9 42.3 63.5#

154 84.4 64.7 97.1





#11

Fluorene

Concen: 0.02 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

Instrument :

BNA_M

ClientSampleId :

D9G63

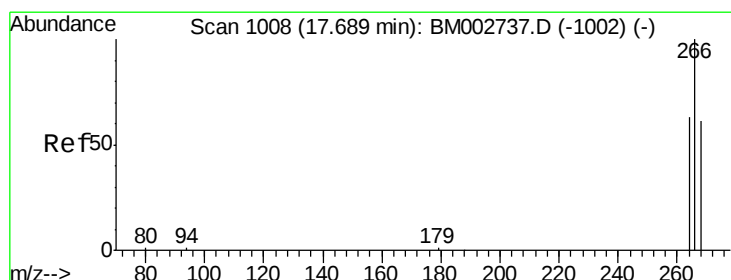
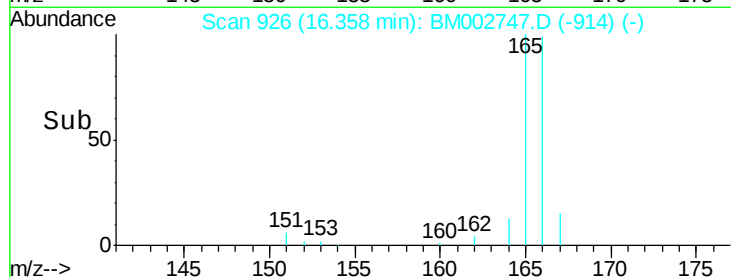
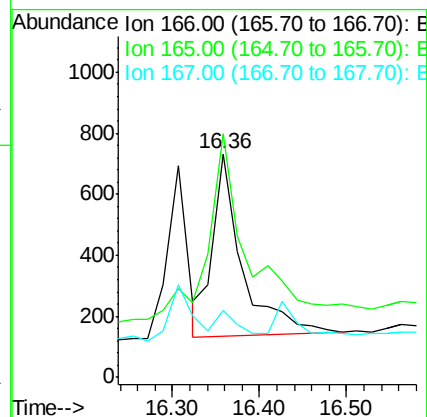
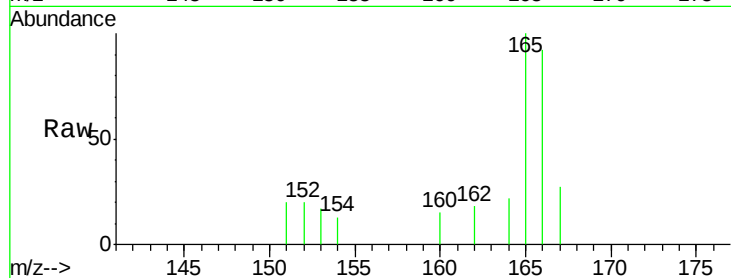
Tot Ion:166 Resp: 1405

Ion Ratio Lower Upper

166 100

165 109.0 87.6 131.4

167 29.8 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 17.69 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

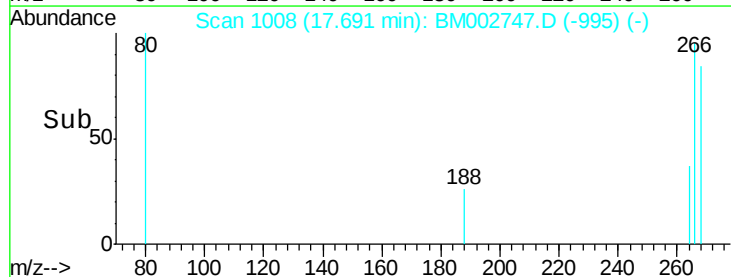
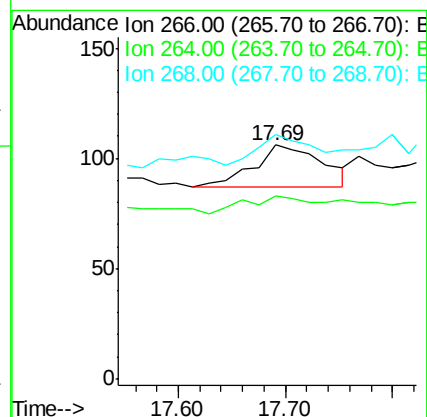
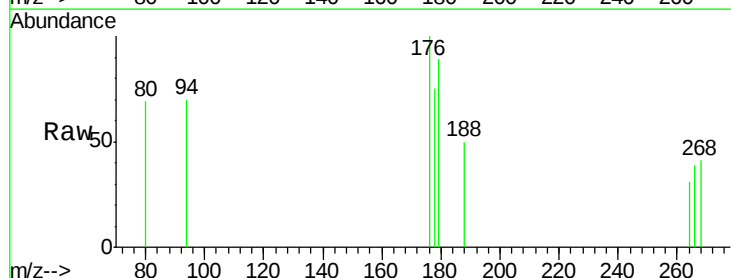
Tgt Ion:266 Resp: 85

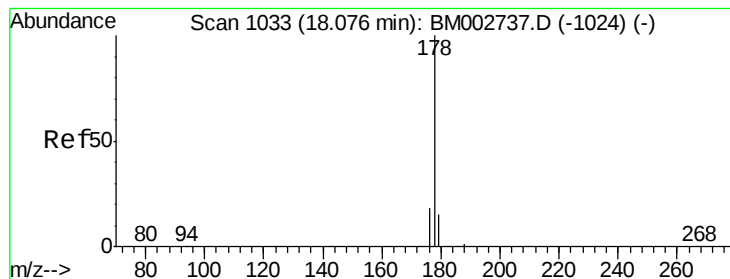
Ion Ratio Lower Upper

266 100

264 68.2 53.5 80.3

268 63.5 54.2 81.2





#14

Phenanthrene

Concen: 0.01 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

Instrument :

BNA_M

ClientSampleId :

D9G63

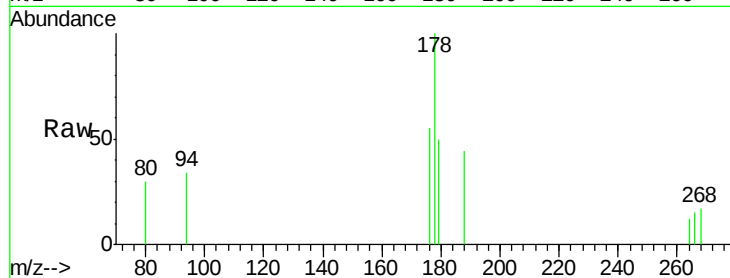
Tot Ion:178 Resp: 1049

Ion Ratio Lower Upper

178 100

176 54.6 16.2 24.4#

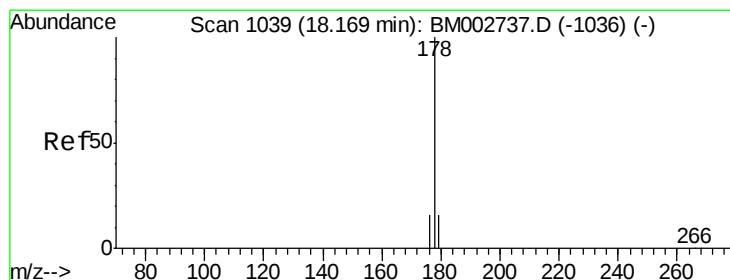
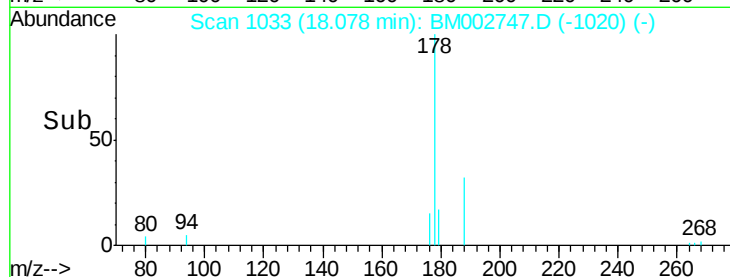
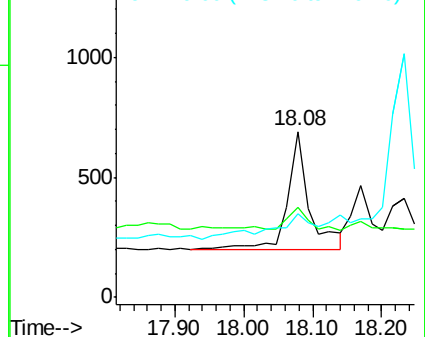
179 50.3 12.8 19.2#



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: 18.17 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

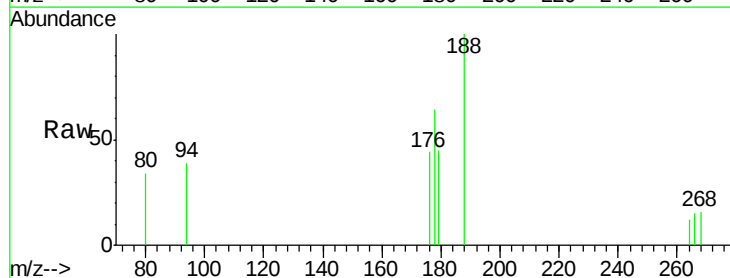
Tgt Ion:178 Resp: 392

Ion Ratio Lower Upper

178 100

176 68.5 15.8 23.8#

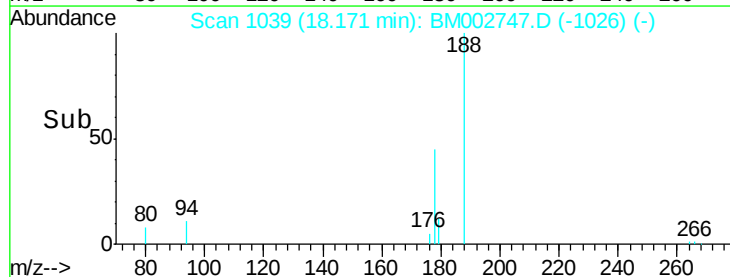
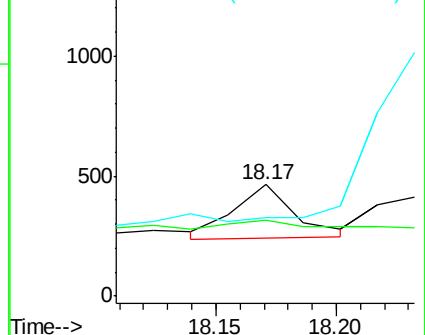
179 71.1 13.3 19.9#

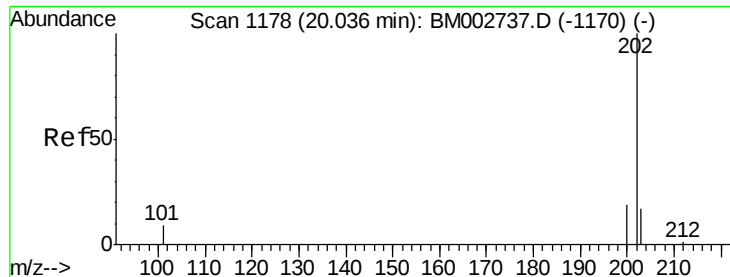


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

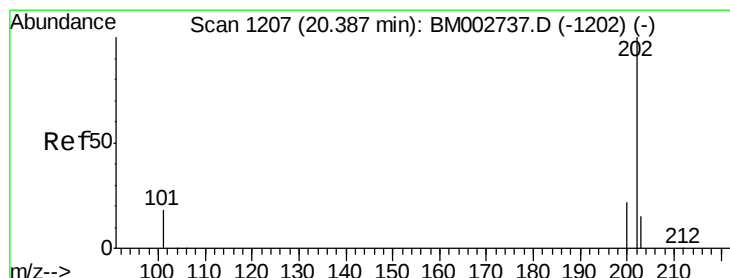
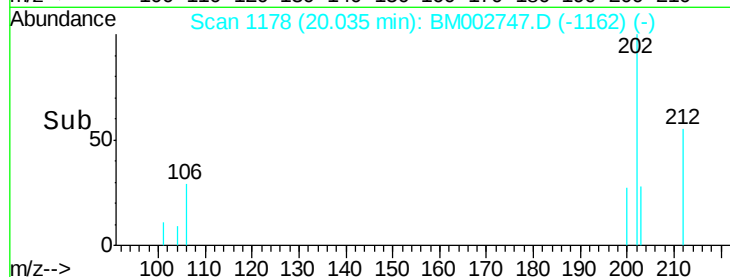
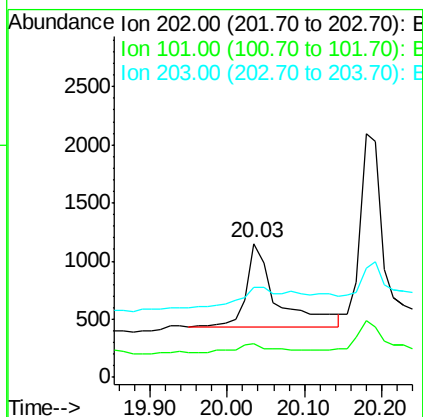
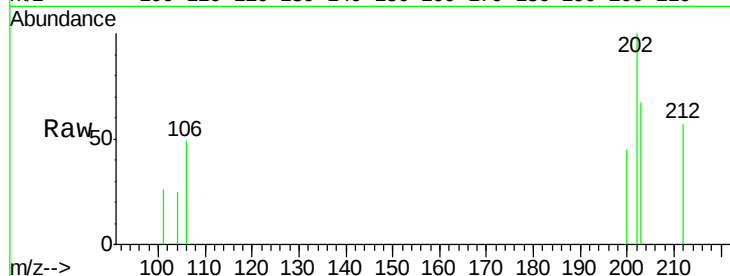




#17
Fluoranthene
 Concen: 0.02 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM002747.D
 Acq: 28 Sep 2015 23:20

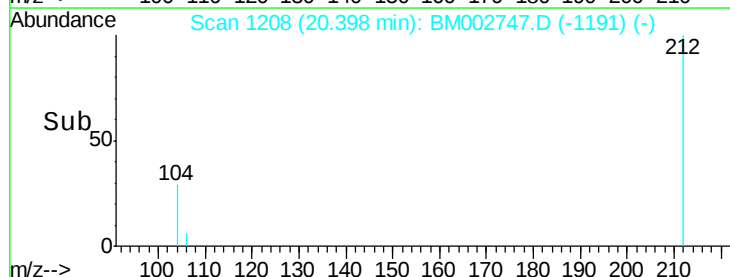
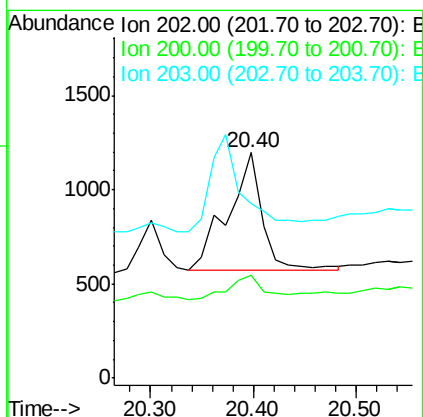
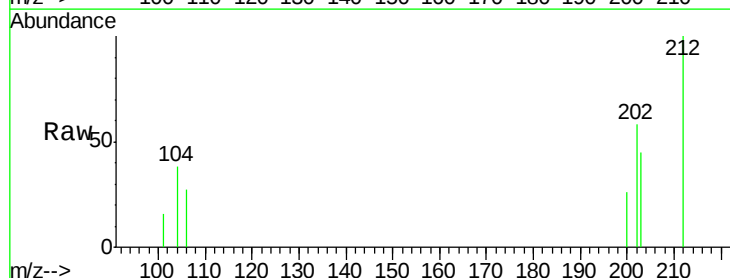
Instrument :
 BNA_M
 ClientSampleId :
 D9G63

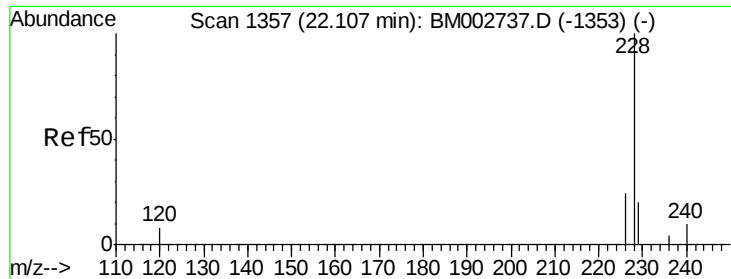
Tot Ion:202 Resp: 2041
 Ion Ratio Lower Upper
 202 100
 101 25.7 0.0 33.1
 203 66.9 0.0 37.2#



#19
Pyrene
 Concen: 0.01 ng/ul
 RT: 20.40 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BM002747.D
 Acq: 28 Sep 2015 23:20

Tgt Ion:202 Resp: 1459
 Ion Ratio Lower Upper
 202 100
 200 45.6 18.0 27.0#
 203 77.5 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 22.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

Instrument :

BNA_M

ClientSampleId :

D9G63

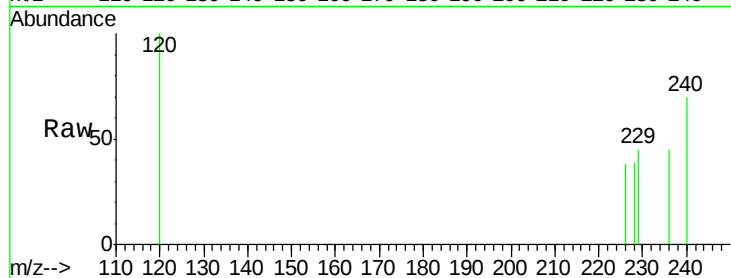
Tot Ion:228 Resp: 994

Ion Ratio Lower Upper

228 100

226 98.1 23.0 34.4#

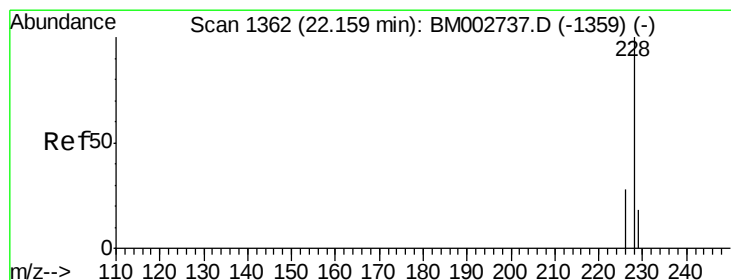
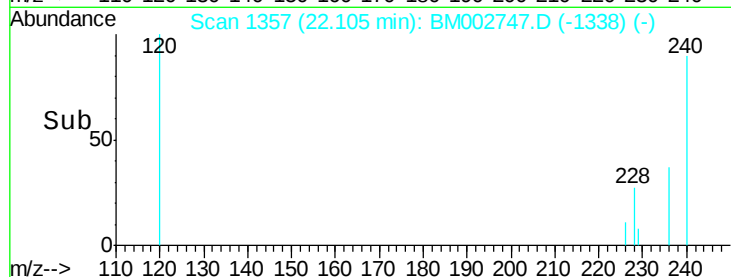
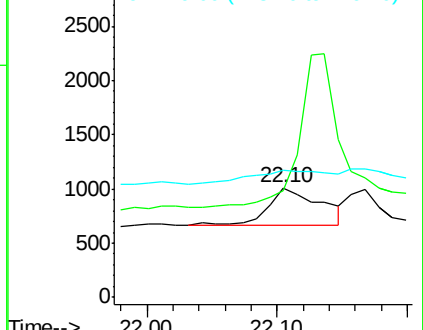
229 116.5 15.2 22.8#



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: 0.00 ng/ul

RT: 22.17 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

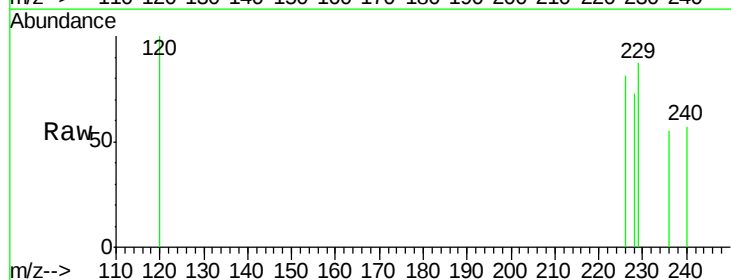
Tgt Ion:228 Resp: 513

Ion Ratio Lower Upper

228 100

226 110.9 25.7 38.5#

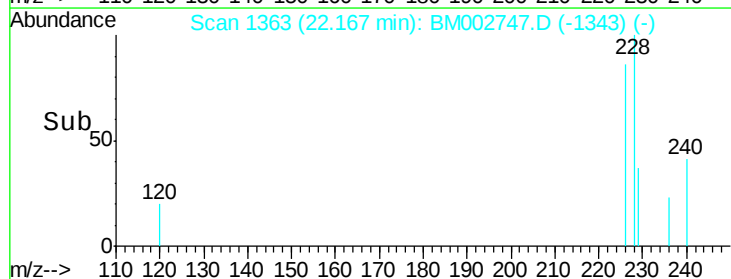
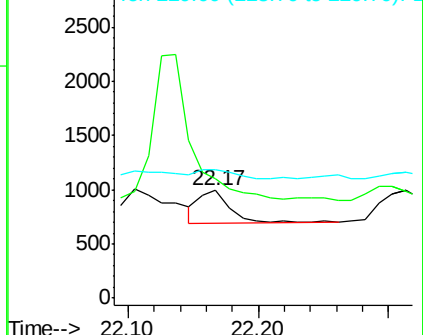
229 119.7 15.2 22.8#

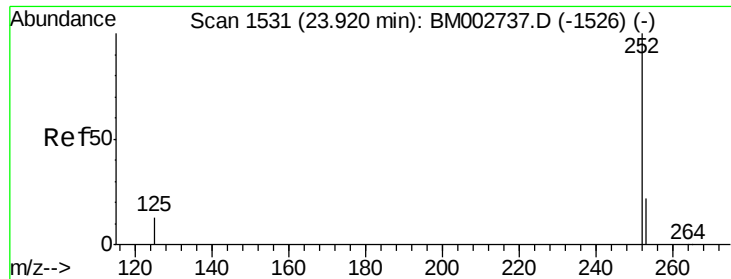


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 23.93 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

Instrument :

BNA_M

ClientSampleId :

D9G63

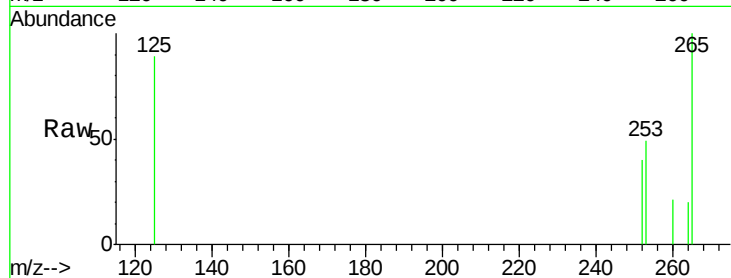
Tot Ion:252 Resp: 948

Ion Ratio Lower Upper

252 100

253 123.6 0.0 48.0#

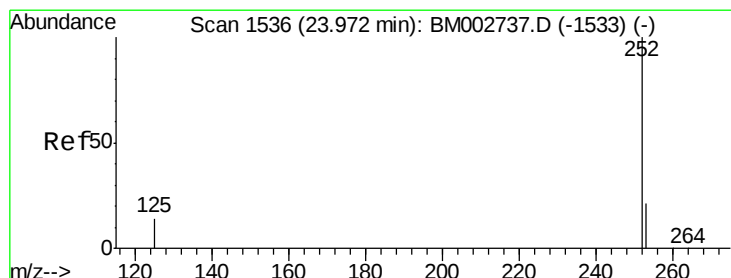
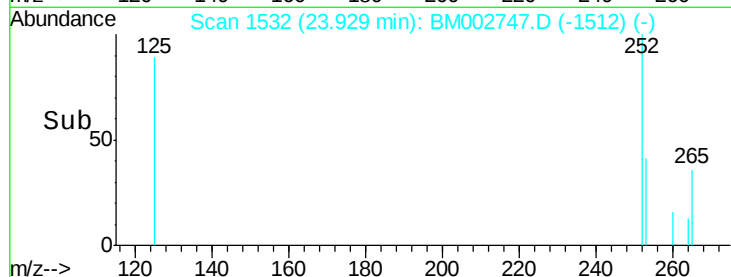
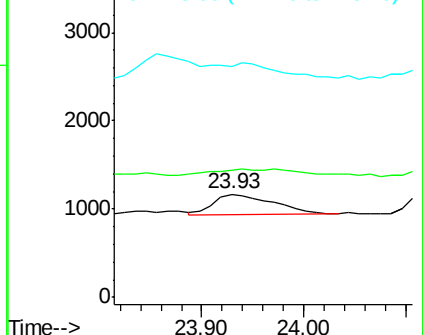
125 223.6 0.0 36.6#



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: 0.01 ng/ul

RT: 23.93 min Scan# 1532

Delta R.T. -0.04 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

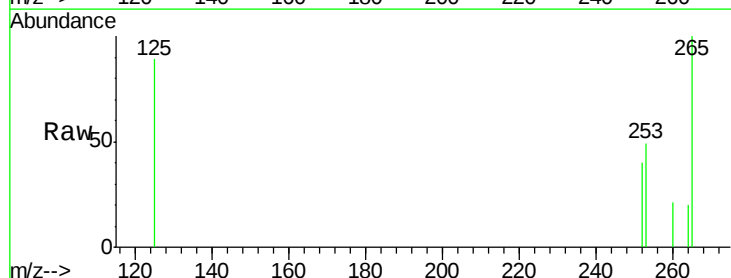
Tgt Ion:252 Resp: 878

Ion Ratio Lower Upper

252 100

253 123.6 20.8 31.2#

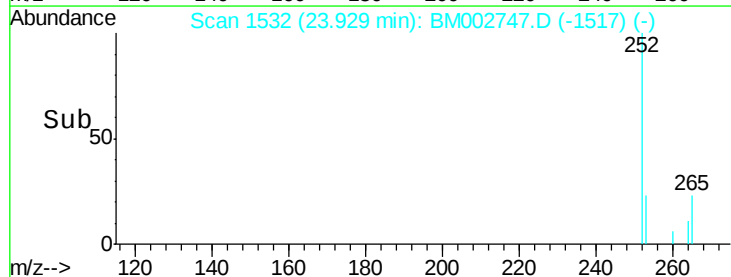
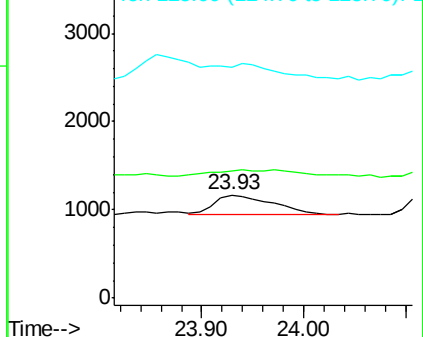
125 223.6 12.2 18.4#

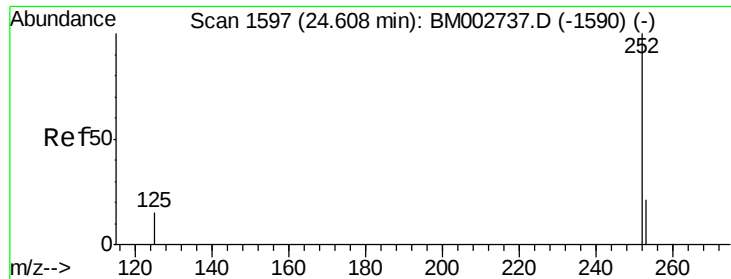


Abundance Ion 252.00 (251.70 to 252.70): E

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: 24.62 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

Instrument :

BNA_M

ClientSampleId :

D9G63

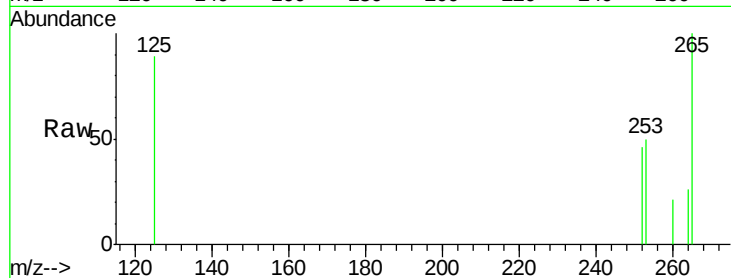
Tot Ion:252 Resp: 964

Ion Ratio Lower Upper

252 100

253 108.7 21.8 32.8#

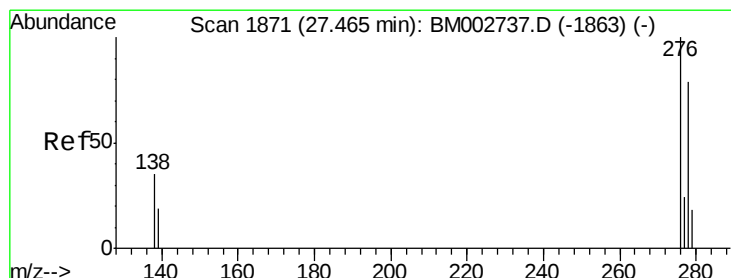
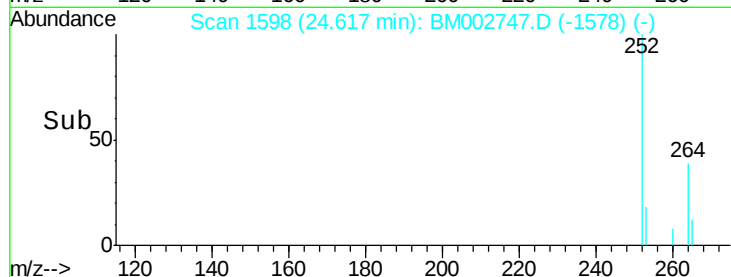
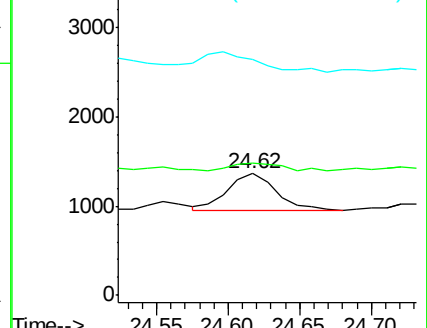
125 193.6 14.5 21.7#



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: 0.00 ng/ul

RT: 27.47 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BM002747.D

Acq: 28 Sep 2015 23:20

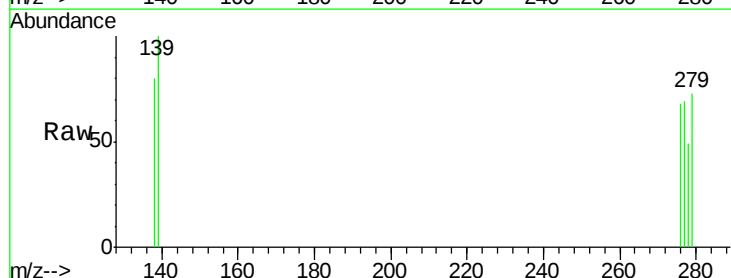
Tgt Ion:276 Resp: 343

Ion Ratio Lower Upper

276 100

138 0.0 27.5 41.3#

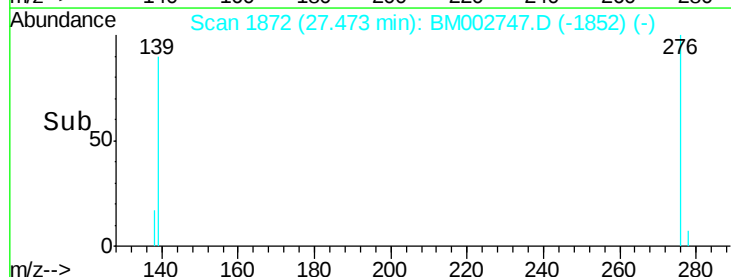
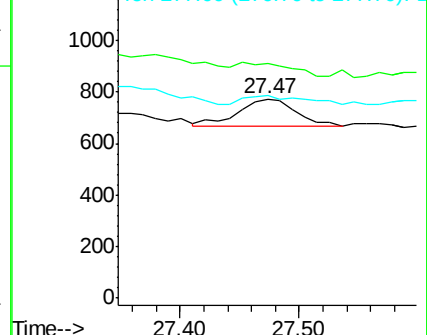
277 40.2 19.3 28.9#

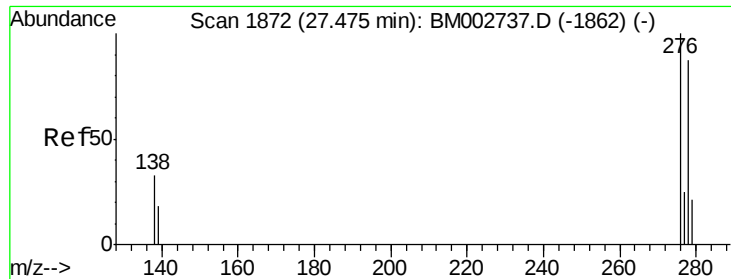


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

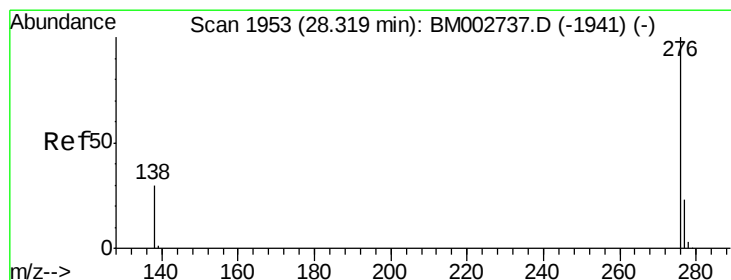
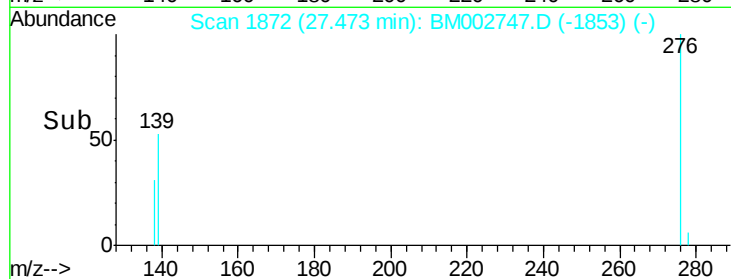
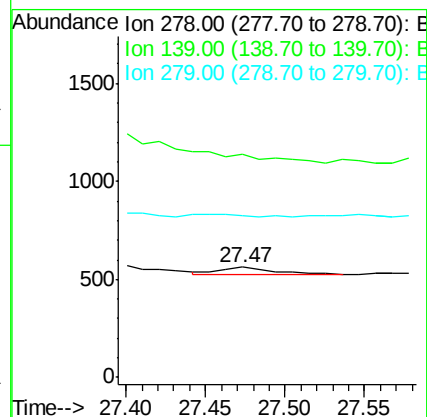
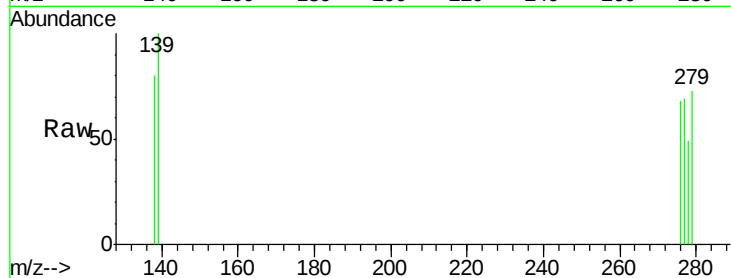




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 27.47 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BM002747.D
Acq: 28 Sep 2015 23:20

Instrument :
BNA_M
ClientSampleId :
D9G63

Tot Ion:278 Resp: 81
Ion Ratio Lower Upper
278 100
139 202.3 21.7 32.5#
279 147.0 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 28.34 min Scan# 1955
Delta R.T. 0.02 min
Lab File: BM002747.D
Acq: 28 Sep 2015 23:20

Tgt Ion:276 Resp: 344
Ion Ratio Lower Upper
276 100
277 105.3 21.3 31.9#
138 118.3 25.5 38.3#

