

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092415\
 Data File : BM002721.D
 Acq On : 24 Sep 2015 20:42
 Operator : UM/IZ
 Sample : G3741-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHAG1

Quant Time: Sep 25 02:24:40 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 : Fri Sep 25 02:23:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	11062	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	42946	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	23383	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	50841	0.40	ng/ul	0.00
18) Chrysene-d12	22.12	240	44508	0.40	ng/ul	-0.01
22) Perylene-d12	24.72	264	41107	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	13.13	152	22072	0.35	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	40666	0.32	ng/ul	0.00

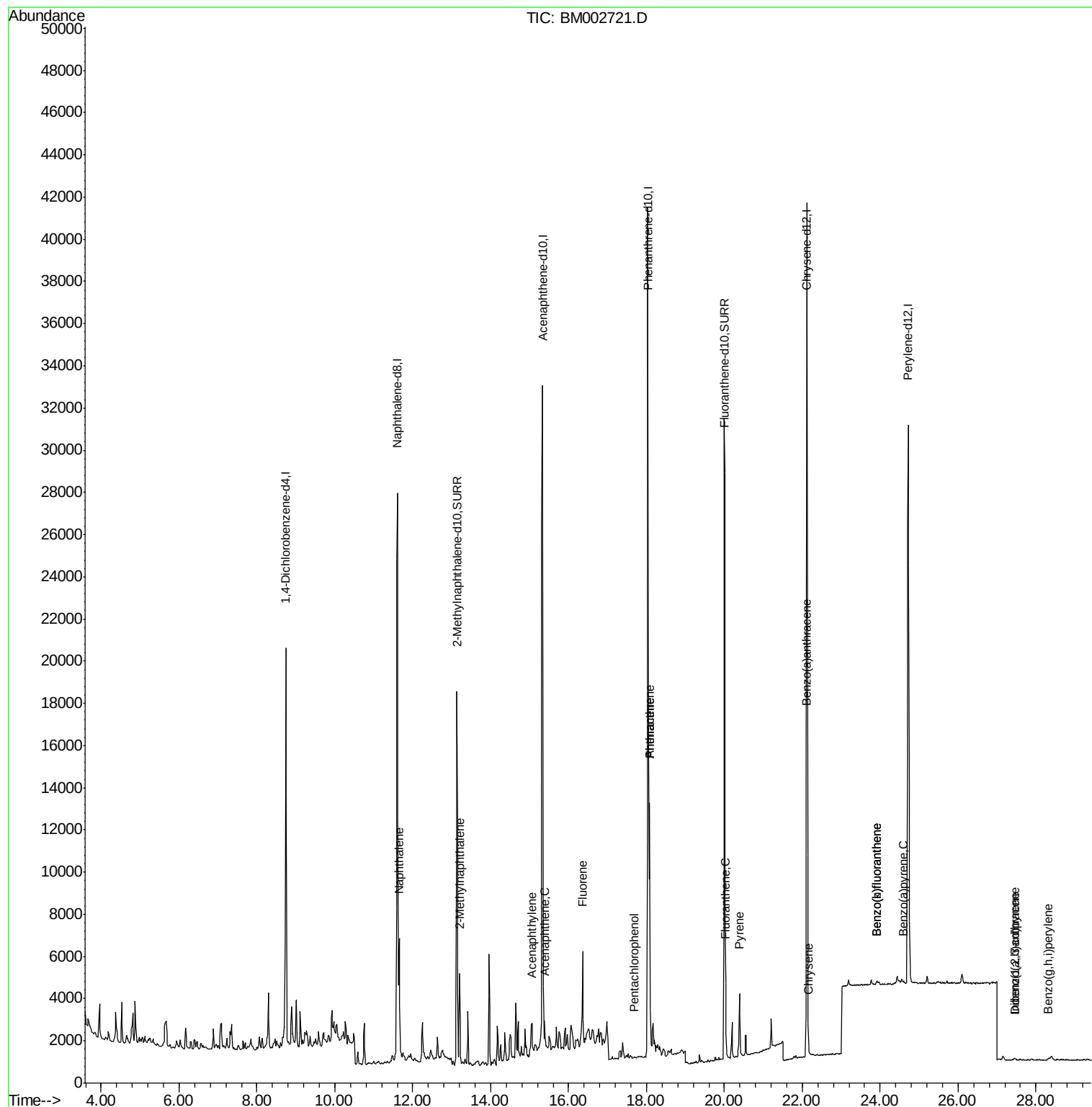
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	11.65	128	8748	0.08	ng/ul	96
7) 2-Methylnaphthalene	13.20	142	3082	0.04	ng/ul	97
9) Acenaphthylene	15.06	152	1879	0.02	ng/ul#	78
10) Acenaphthene	15.38	153	814	0.01	ng/ul#	76
11) Fluorene	16.36	166	3015	0.03	ng/ul#	88
13) Pentachlorophenol	17.69	266	54	0.01	ng/ul#	70
14) Phenanthrene	18.08	178	15160	0.09	ng/ul	95
15) Anthracene	18.08	178	14882	0.10	ng/ul	96
17) Fluoranthene	20.03	202	3277	0.02	ng/ul	87
19) Pyrene	20.39	202	3190	0.02	ng/ul#	86
20) Benzo(a)anthracene	22.10	228	656	0.00	ng/ul#	43
21) Chrysene	22.16	228	545	0.00	ng/ul#	54
23) Benzo(b)fluoranthene	23.92	252	514	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	23.92	252	509	0.00	ng/ul#	1
25) Benzo(a)pyrene	24.61	252	203	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.46	276	123	0.00	ng/ul#	79
27) Dibenzo(a,h)anthracene	27.45	278	89	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	28.31	276	135	0.00	ng/ul#	1

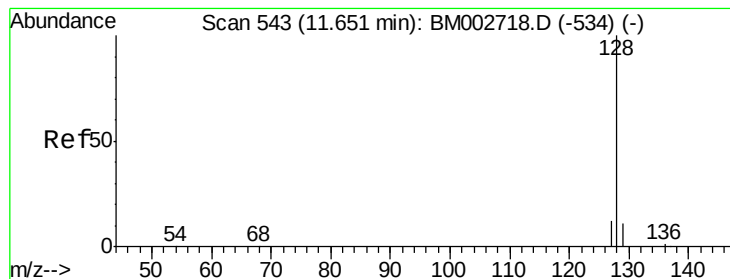
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.08 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. 0.00 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

Instrument :

BNA_M

ClientSampleId :

JHAG1

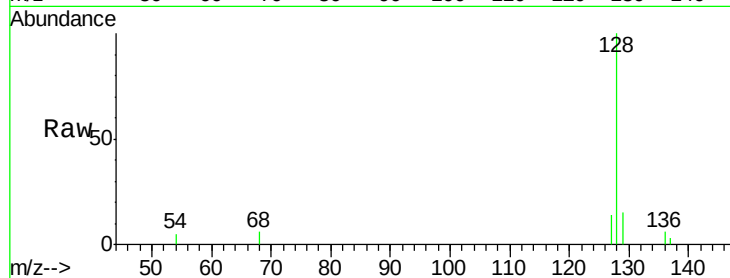
Tot Ion:128 Resp: 8748

Ion Ratio Lower Upper

128 100

129 14.5 9.8 14.8

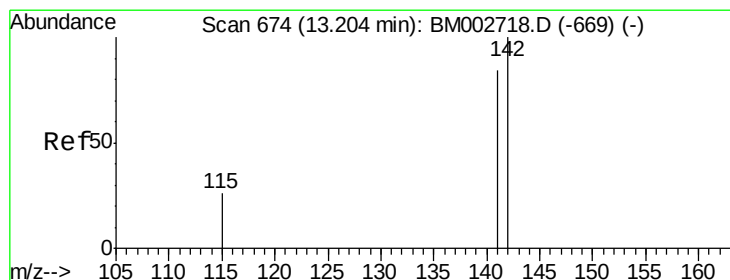
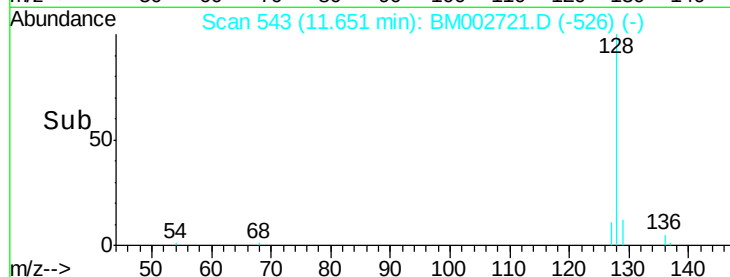
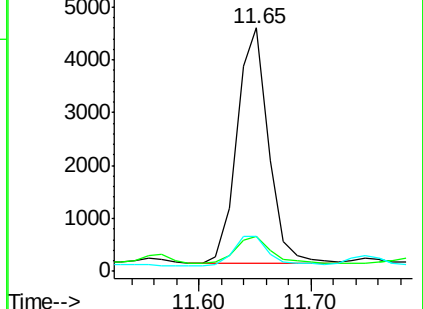
127 14.5 10.7 16.1



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: 0.04 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM002721.D

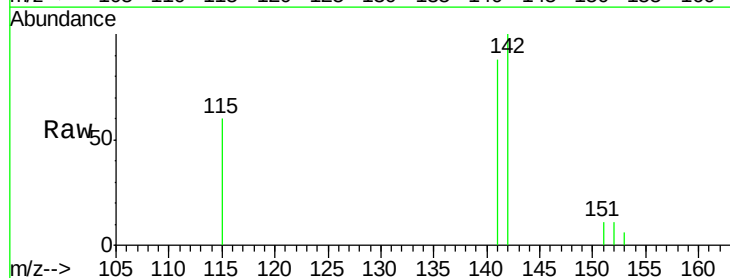
Acq: 24 Sep 2015 20:42

Tgt Ion:142 Resp: 3082

Ion Ratio Lower Upper

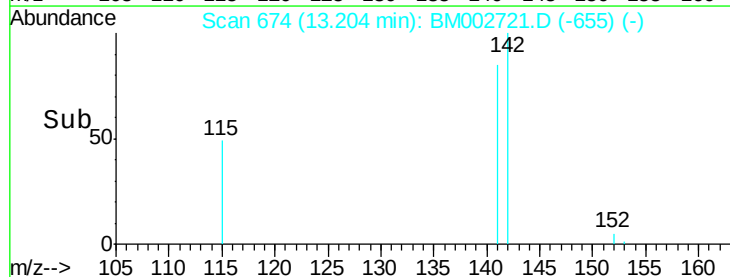
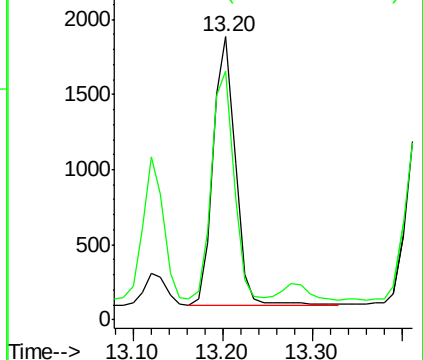
142 100

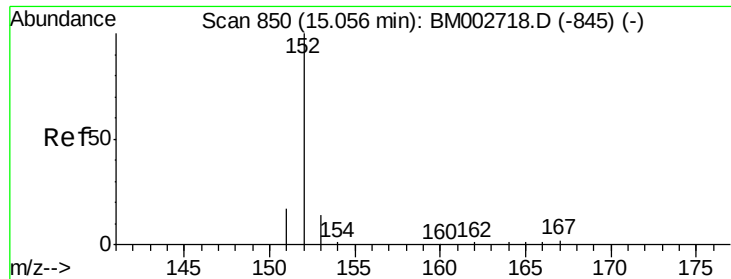
141 85.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.02 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

Instrument :

BNA_M

ClientSampleId :

JHAG1

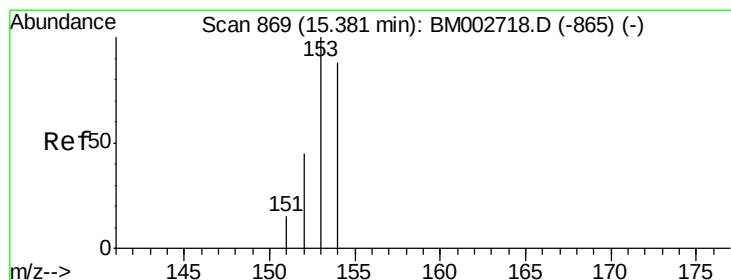
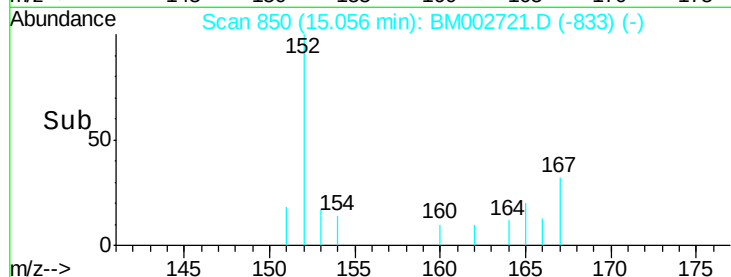
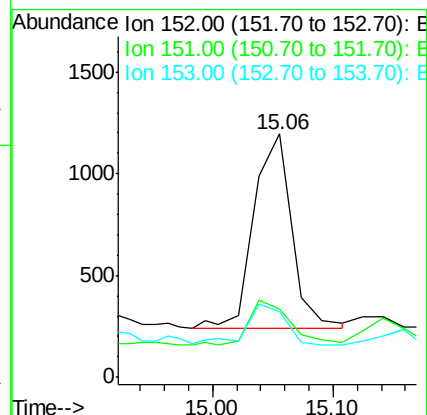
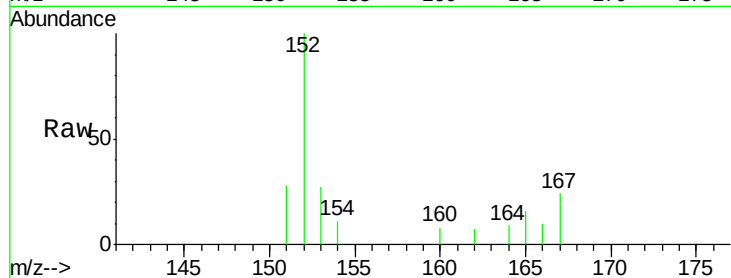
Tot Ion:152 Resp: 1879

Ion Ratio Lower Upper

152 100

151 27.9 16.8 25.2#

153 27.0 11.3 16.9#



#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

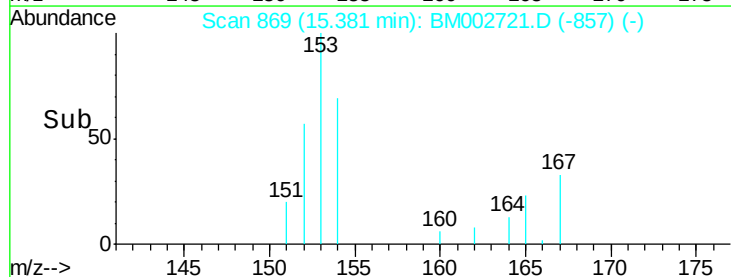
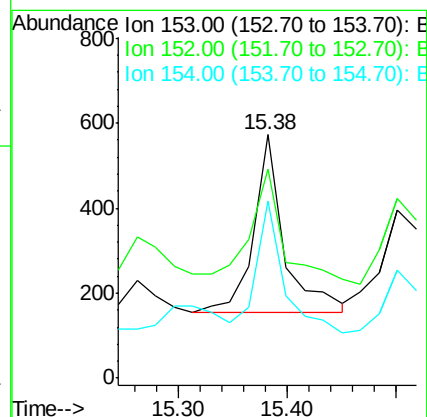
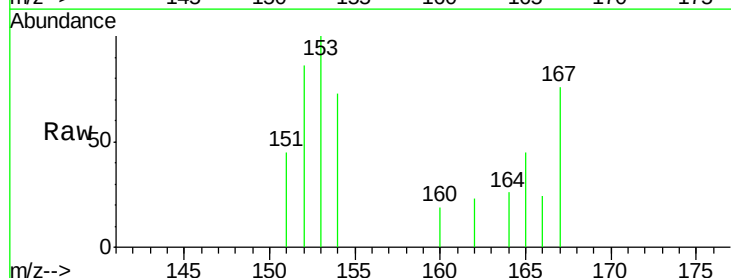
Tgt Ion:153 Resp: 814

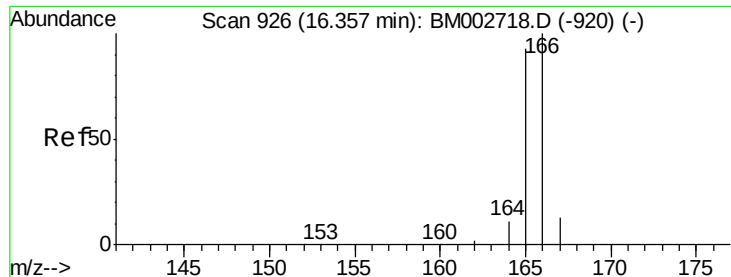
Ion Ratio Lower Upper

153 100

152 86.0 42.3 63.5#

154 72.9 64.7 97.1

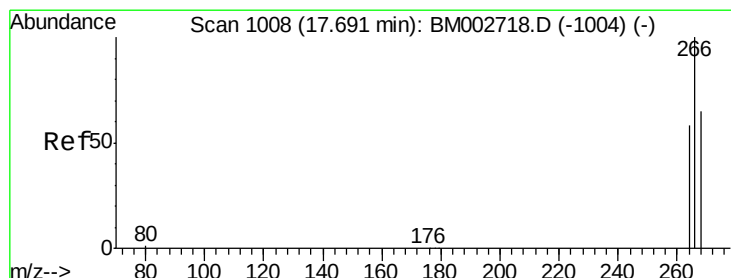
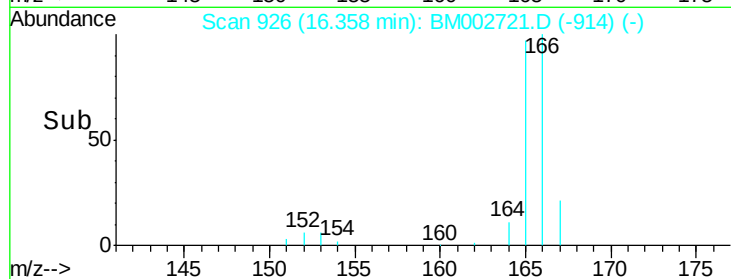
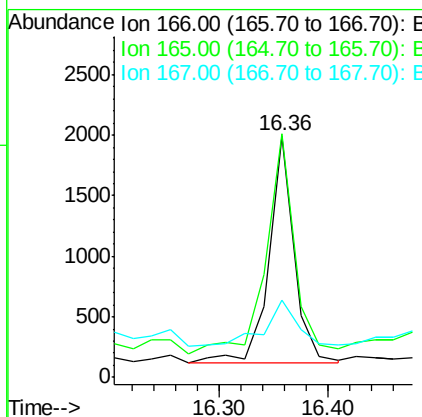
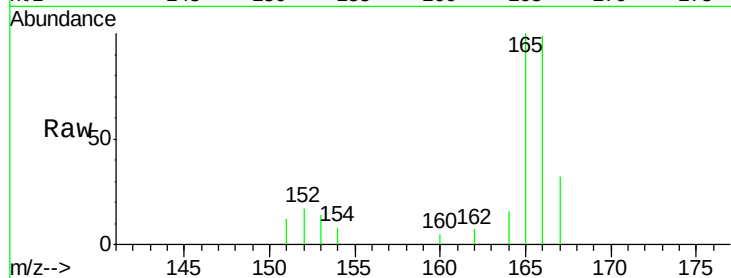




#11
Fluorene
 Concen: 0.03 ng/ul
 RT: 16.36 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BM002721.D
 Acq: 24 Sep 2015 20:42

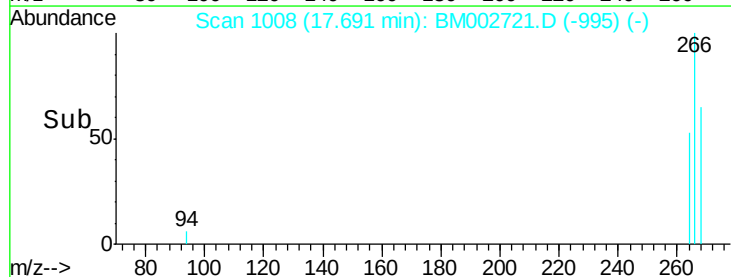
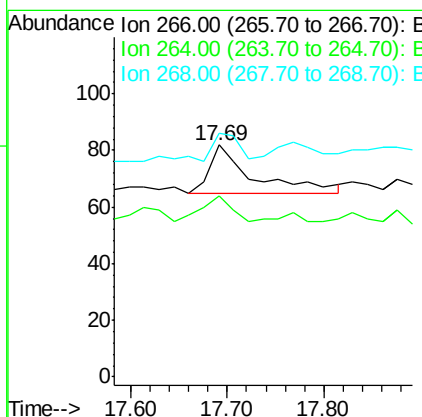
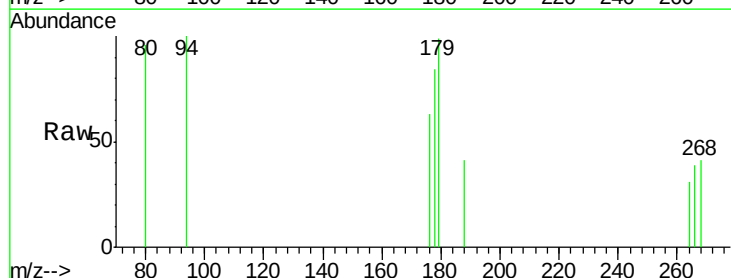
Instrument :
 BNA_M
 ClientSampleId :
 JHAG1

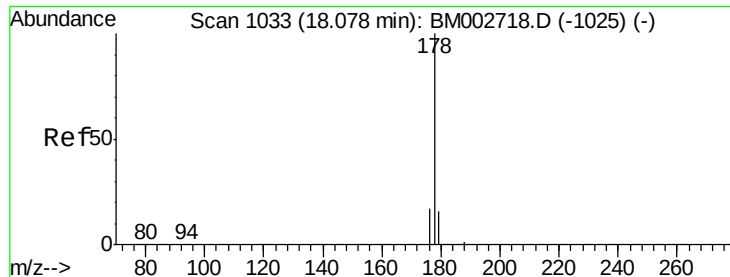
Tot Ion:166 Resp: 3015
 Ion Ratio Lower Upper
 166 100
 165 101.0 87.6 131.4
 167 32.2 11.1 16.7#



#13
Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 17.69 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BM002721.D
 Acq: 24 Sep 2015 20:42

Tgt Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 264 40.7 53.5 80.3#
 268 46.3 54.2 81.2#





#14

Phenanthrene

Concen: 0.09 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

Instrument :

BNA_M

ClientSampleId :

JHAG1

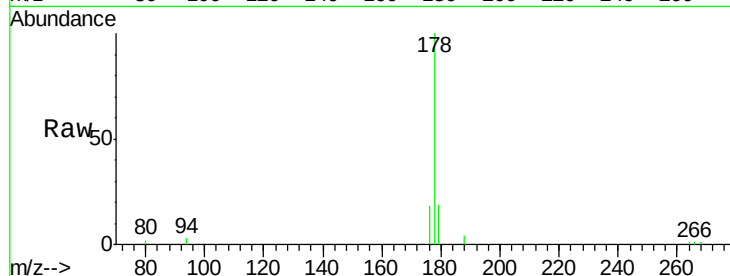
Tot Ion:178 Resp: 15160

Ion Ratio Lower Upper

178 100

176 18.3 16.2 24.4

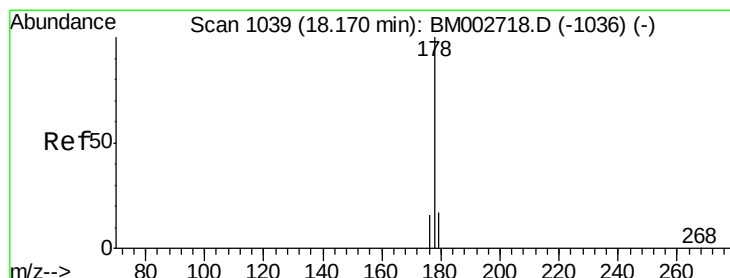
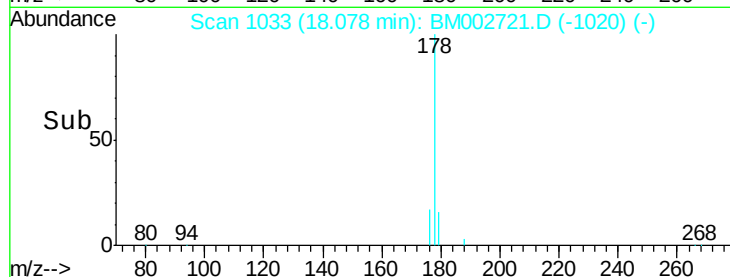
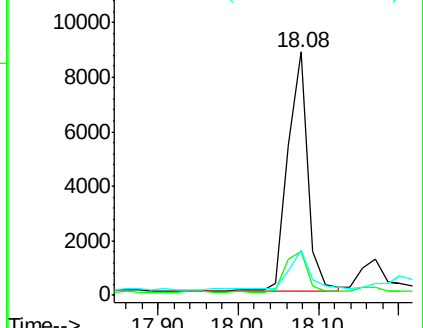
179 18.8 12.8 19.2



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: 0.10 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. -0.09 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

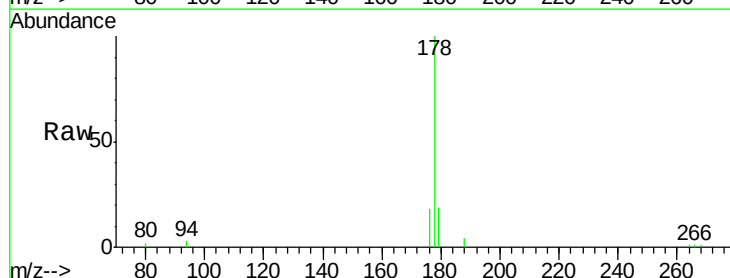
Tgt Ion:178 Resp: 14882

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

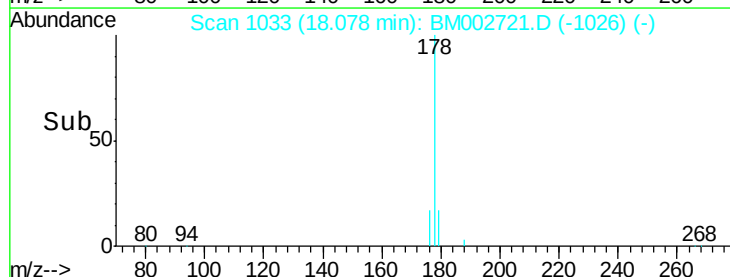
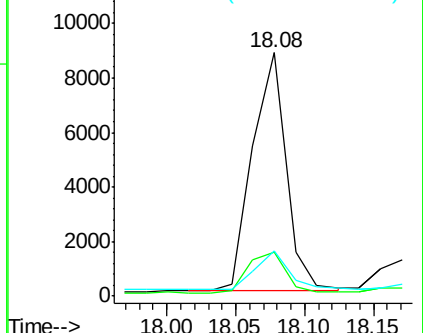
179 18.8 13.3 19.9

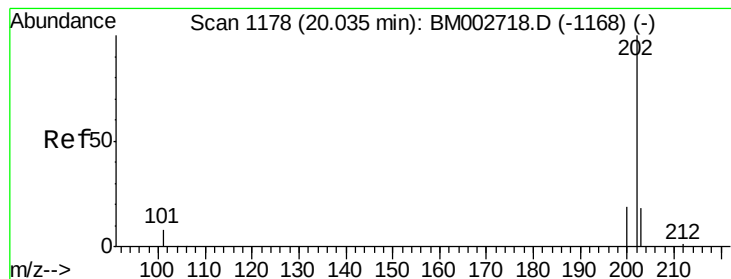


Abundance Ion 178.00 (177.70 to 178.70): E

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: BM002721.D

Acq: 24 Sep 2015 20:42

Instrument :

BNA_M

ClientSampleId :

JHAG1

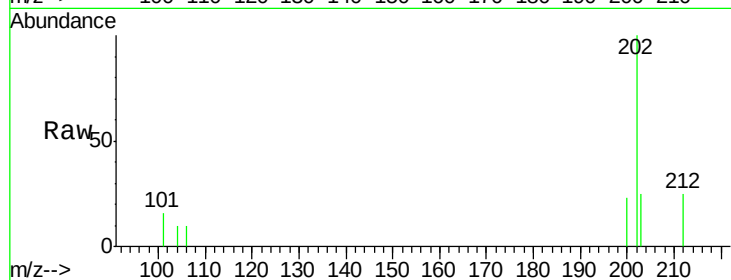
Tot Ion:202 Resp: 3277

Ion Ratio Lower Upper

202 100

101 16.2 0.0 33.1

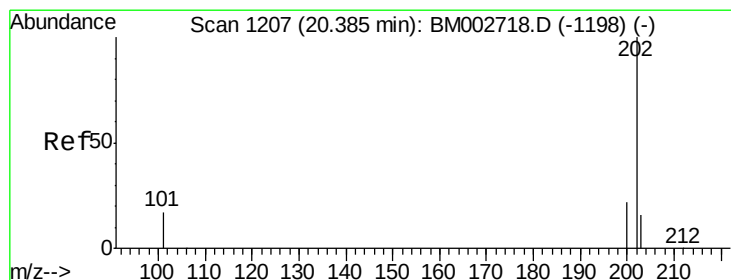
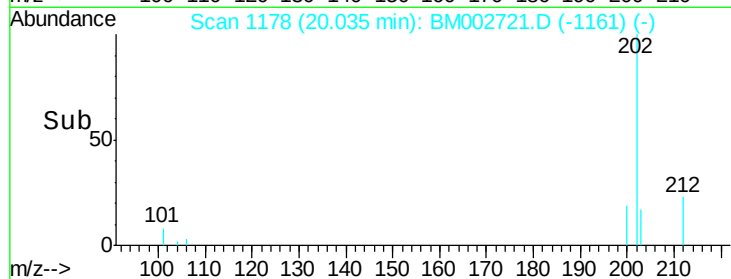
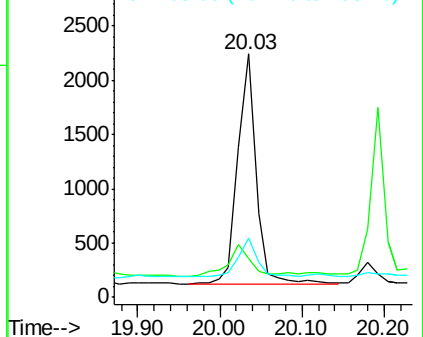
203 24.6 0.0 37.2



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: 0.02 ng/ul

RT: 20.39 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

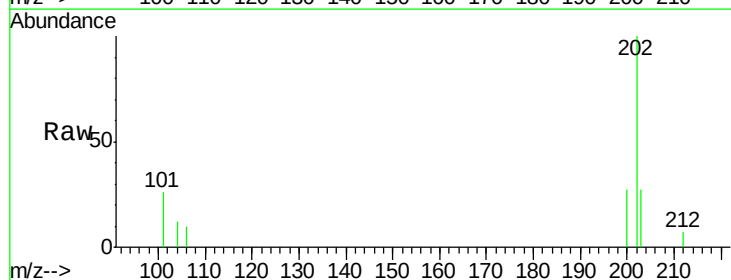
Tgt Ion:202 Resp: 3190

Ion Ratio Lower Upper

202 100

200 26.6 18.0 27.0

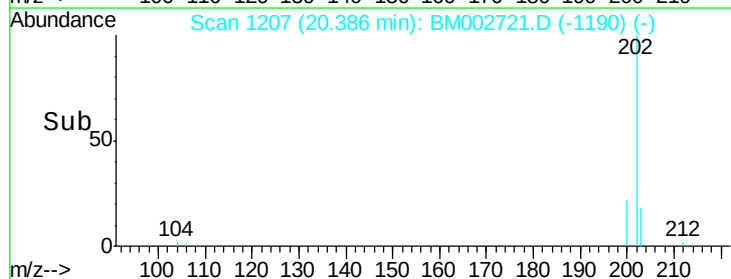
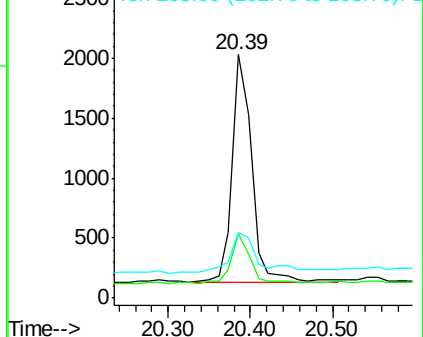
203 26.8 13.8 20.6#

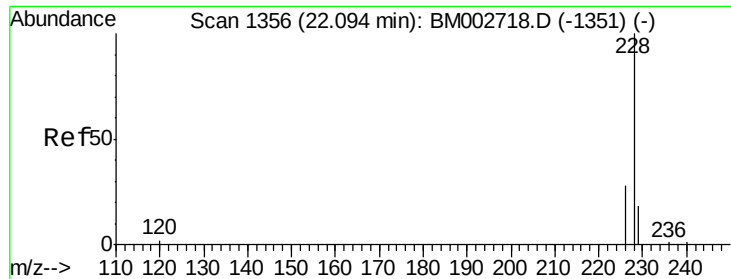


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 22.10 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

Instrument :

BNA_M

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JHAG1

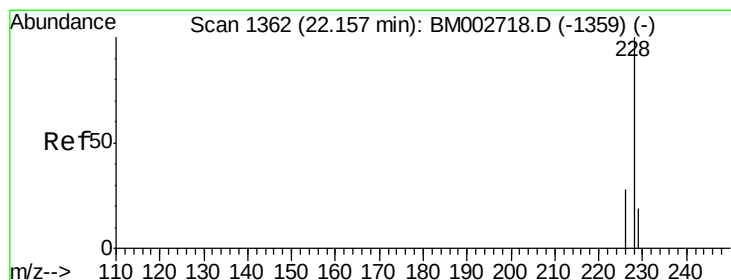
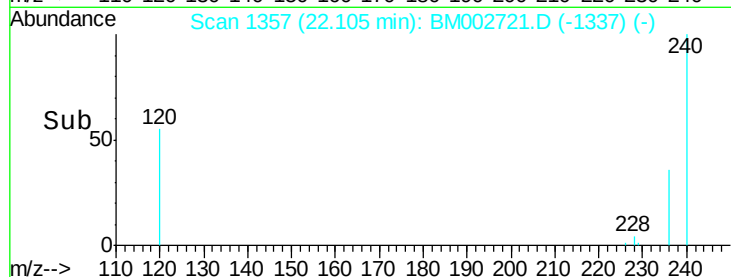
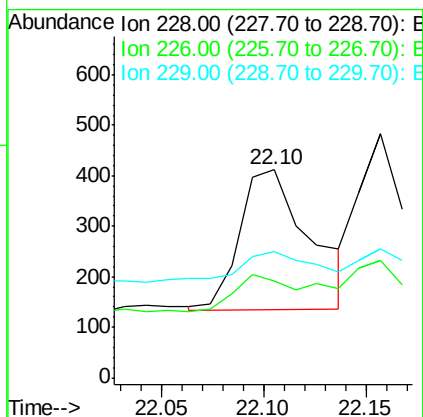
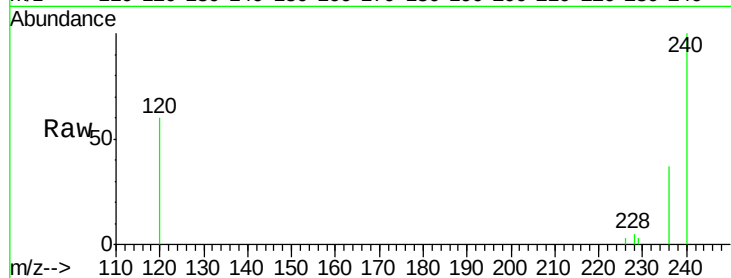
Tot Ion:228 Resp: 656

Ion Ratio Lower Upper

228 100

226 46.6 23.0 34.4#

229 60.9 15.2 22.8#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

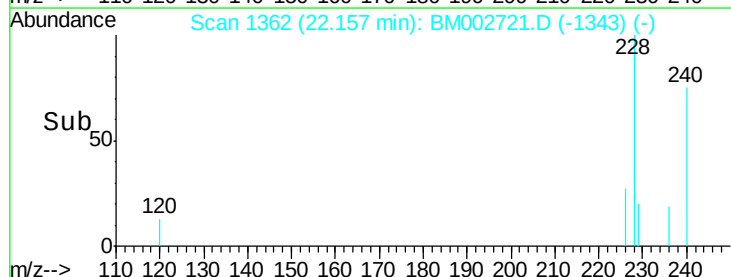
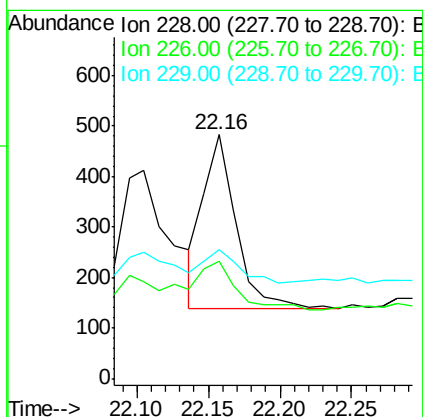
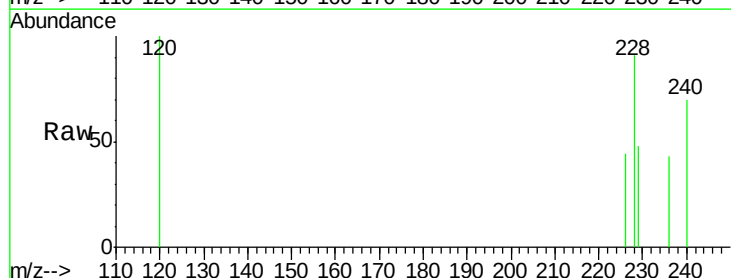
Tgt Ion:228 Resp: 545

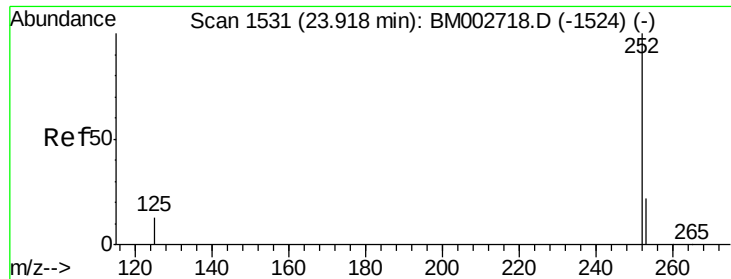
Ion Ratio Lower Upper

228 100

226 47.8 25.7 38.5#

229 52.8 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.92 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

Instrument :

BNA_M

ClientSampleId :

JHAG1

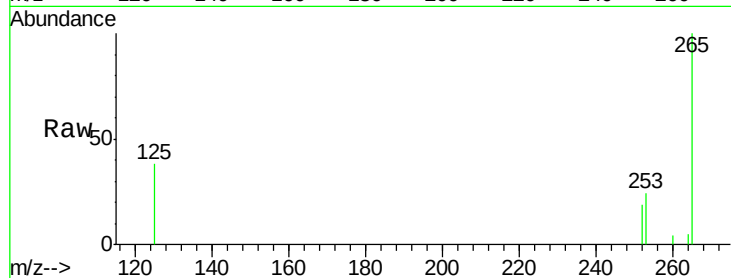
Tot Ion:252 Resp: 514

Ion Ratio Lower Upper

252 100

253 124.9 0.0 48.0#

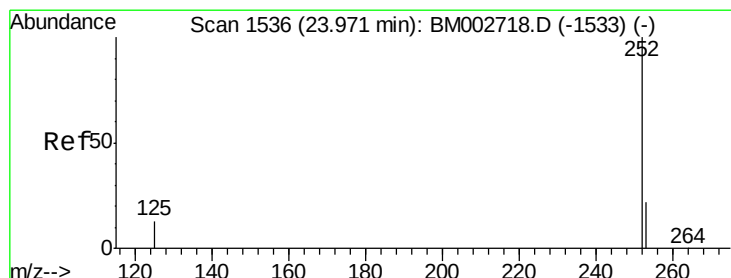
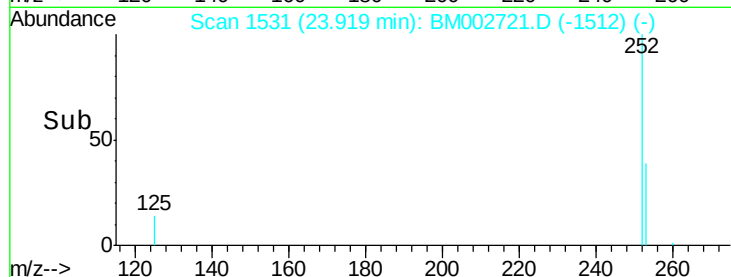
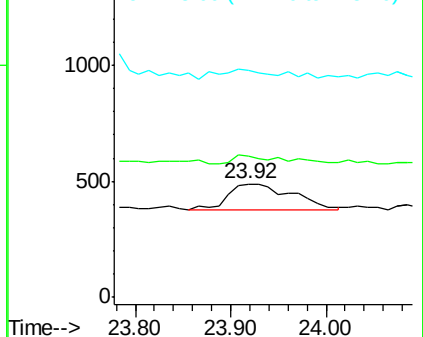
125 200.2 0.0 36.6#



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: 0.00 ng/ul

RT: 23.92 min Scan# 1531

Delta R.T. -0.05 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

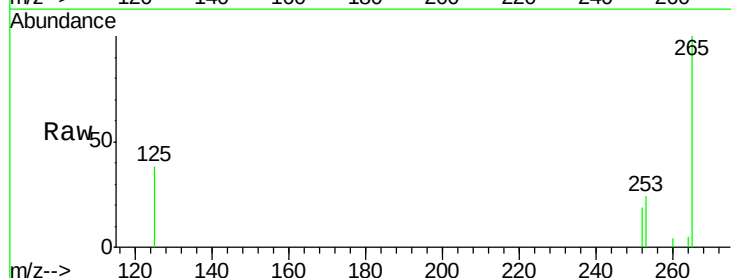
Tgt Ion:252 Resp: 509

Ion Ratio Lower Upper

252 100

253 124.9 20.8 31.2#

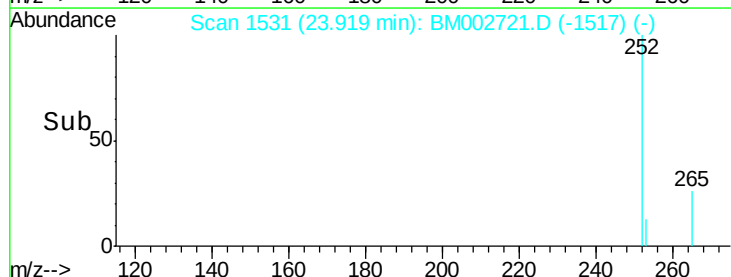
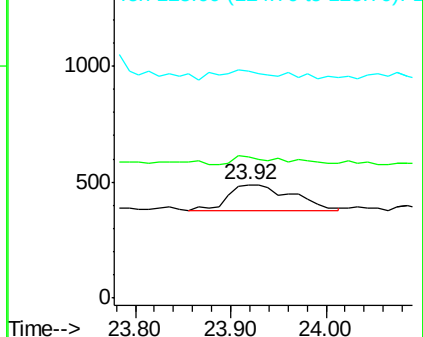
125 200.2 12.2 18.4#

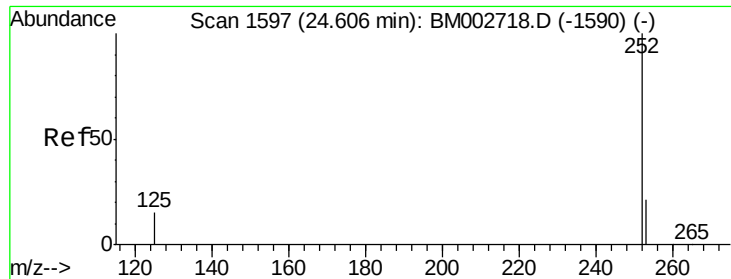


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 24.61 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

Instrument :

BNA_M

ClientSampleId :

JHAG1

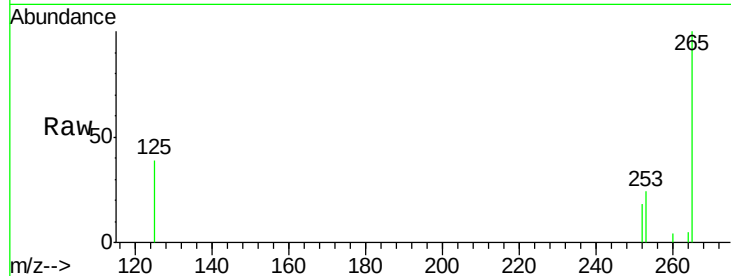
Tot Ion:252 Resp: 203

Ion Ratio Lower Upper

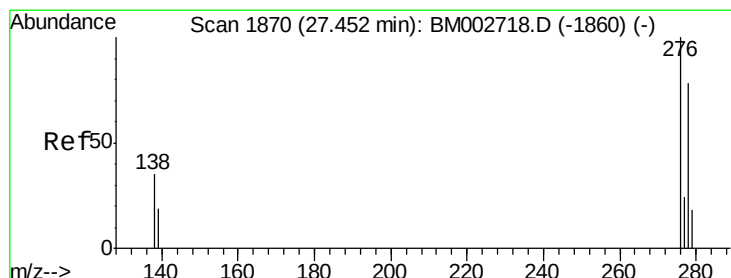
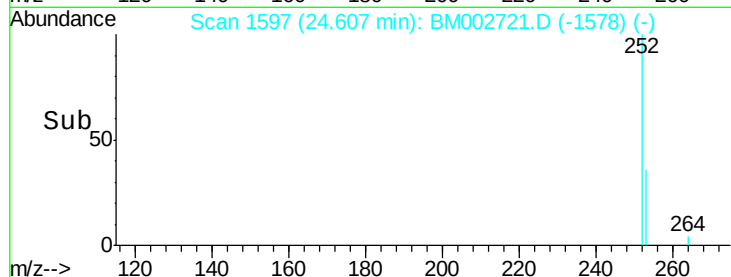
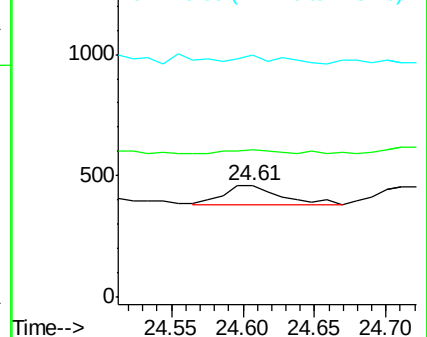
252 100

253 132.7 21.8 32.8#

125 217.9 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: 0.00 ng/ul

RT: 27.46 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BM002721.D

Acq: 24 Sep 2015 20:42

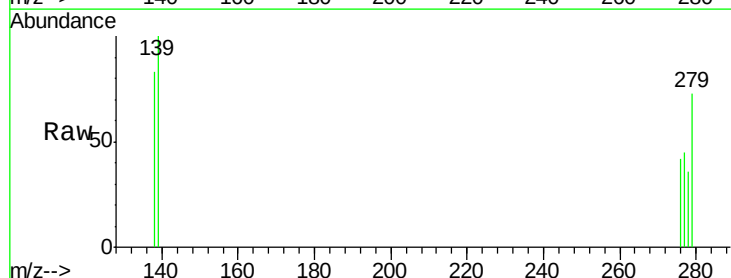
Tgt Ion:276 Resp: 123

Ion Ratio Lower Upper

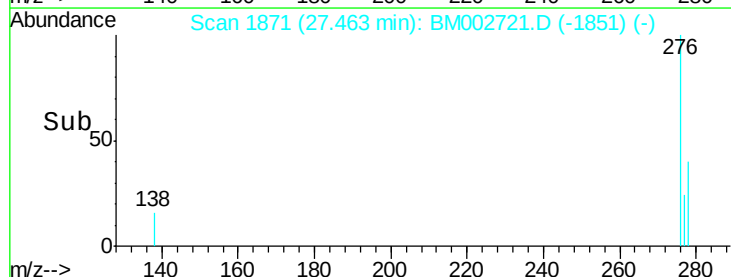
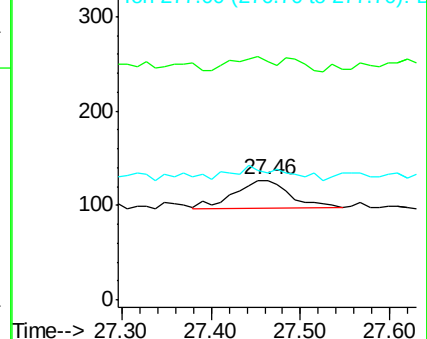
276 100

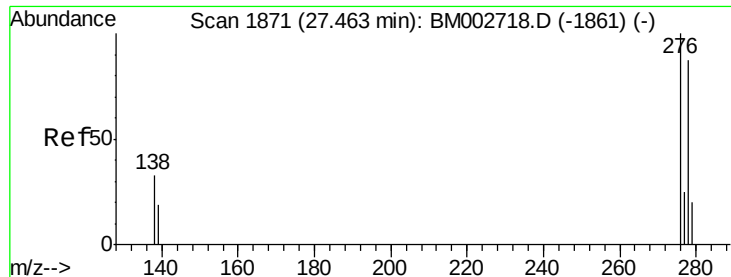
138 35.0 27.5 41.3

277 0.0 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

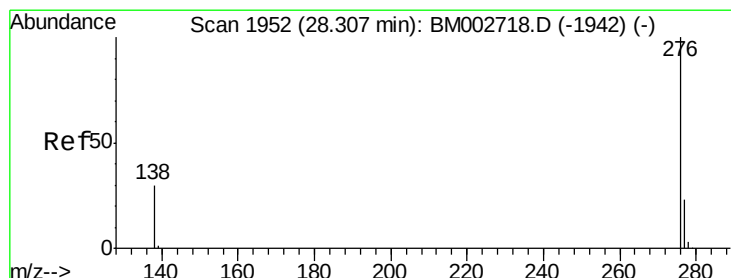
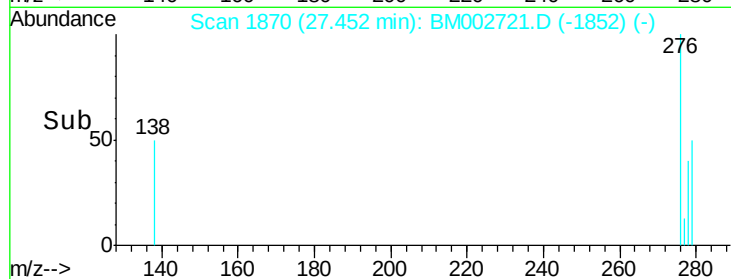
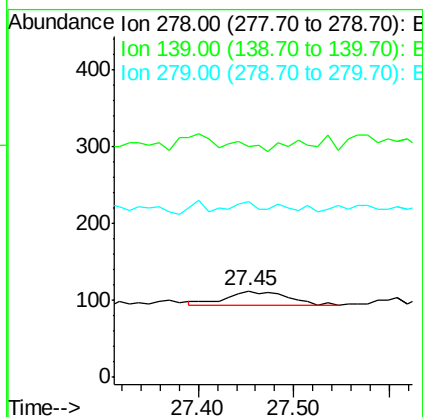
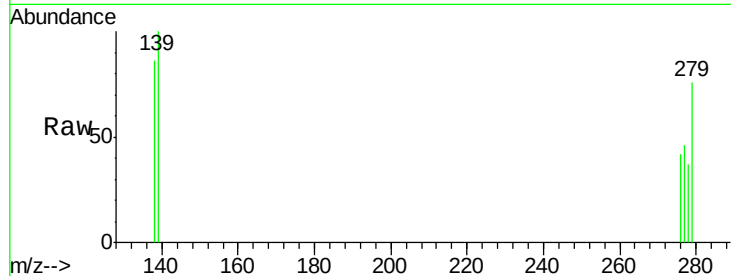




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 27.45 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM002721.D
Acq: 24 Sep 2015 20:42

Instrument :
BNA_M
ClientSampleId :
JHAG1

Tot Ion:278 Resp: 89
Ion Ratio Lower Upper
278 100
139 268.7 21.7 32.5#
279 203.6 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 28.31 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM002721.D
Acq: 24 Sep 2015 20:42

Tgt Ion:276 Resp: 135
Ion Ratio Lower Upper
276 100
277 111.1 21.3 31.9#
138 205.6 25.5 38.3#

