

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092415\
 Data File : BM002714.D
 Acq On : 24 Sep 2015 16:22
 Operator : UM/IZ
 Sample : PB85710BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK10

Quant Time: Sep 25 02:01:12 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 : Thu Sep 24 17:00:38 2015
 Response via : Initial Calibration

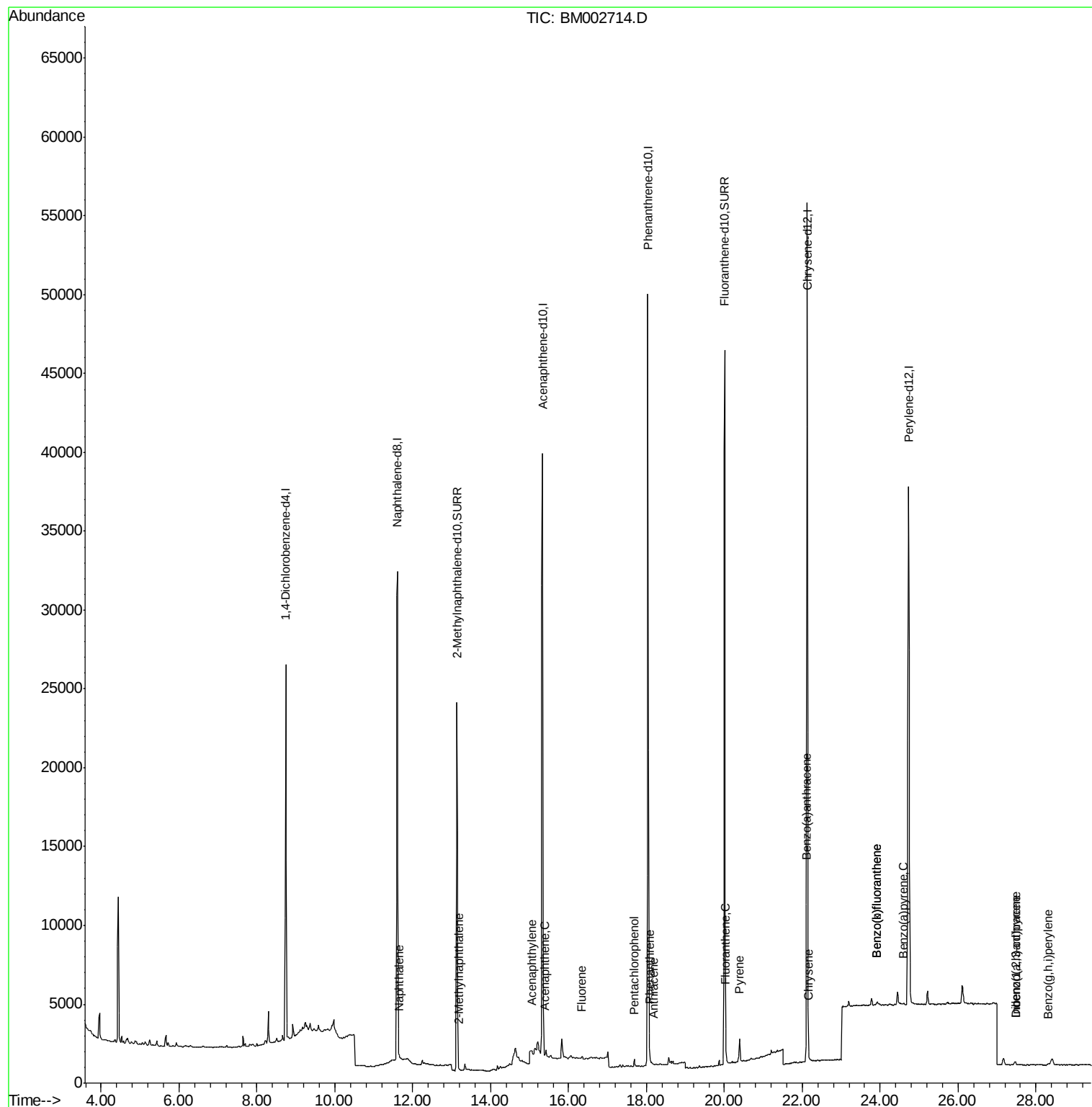
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	13279	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	50828	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	28107	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	62814	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	56731	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	52295	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	13.13	152	29926	0.40	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	58516	0.37	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	176	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.19	142	31	0.00	ng/ul#	18
9) Acenaphthylene	15.06	152	787	0.01	ng/ul#	83
10) Acenaphthene	15.38	153	131	0.00	ng/ul#	16
11) Fluorene	16.34	166	221	0.00	ng/ul#	38
13) Pentachlorophenol	17.69	266	446	0.04	ng/ul	94
14) Phenanthrene	18.08	178	1459	0.01	ng/ul#	71
15) Anthracene	18.17	178	155	0.00	ng/ul#	1
17) Fluoranthene	20.03	202	1841	0.01	ng/ul#	59
19) Pyrene	20.39	202	1780	0.01	ng/ul#	71
20) Benzo(a)anthracene	22.10	228	620	0.00	ng/ul#	31
21) Chrysene	22.16	228	605	0.00	ng/ul#	47
23) Benzo(b)fluoranthene	23.92	252	536	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	23.92	252	536	0.00	ng/ul#	1
25) Benzo(a)pyrene	24.61	252	206	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.47	276	284	0.00	ng/ul#	56
27) Dibenzo(a,h)anthracene	27.47	278	295	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	28.32	276	199	0.00	ng/ul#	1

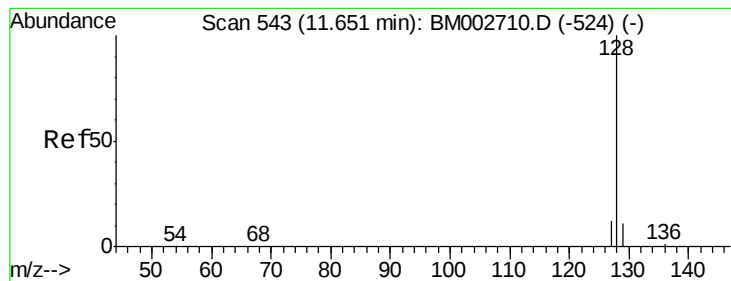
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002714.D

Acq: 24 Sep 2015 16:22

Instrument :

BNA_M

ClientSampleId :

SBLK10

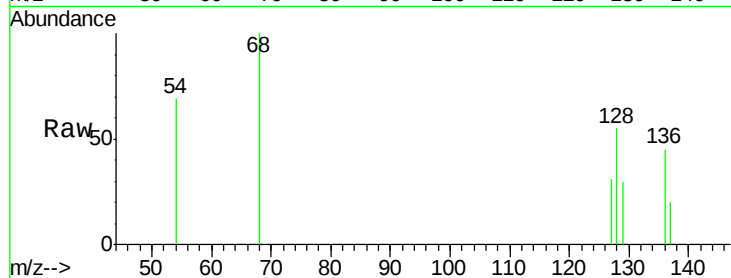
Tot Ion:128 Resp: 176

Ion Ratio Lower Upper

128 100

129 54.0 9.8 14.8#

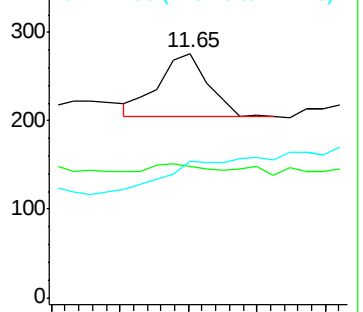
127 56.2 10.7 16.1#



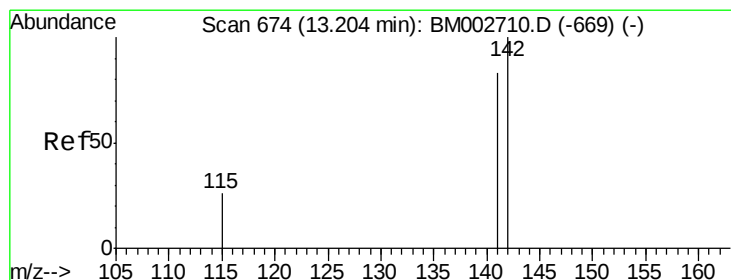
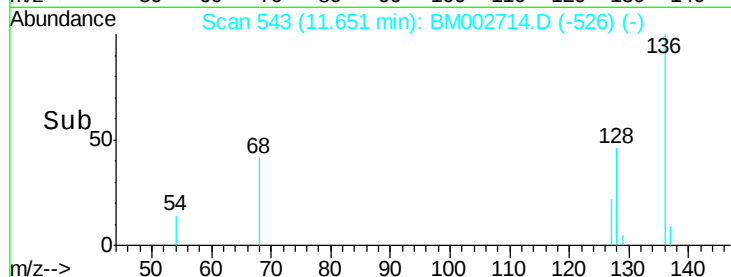
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 13.19 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM002714.D

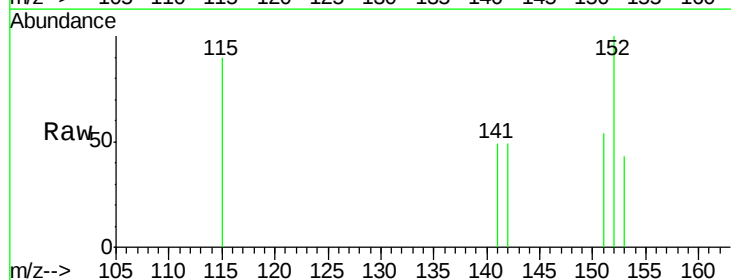
Acq: 24 Sep 2015 16:22

Tgt Ion:142 Resp: 31

Ion Ratio Lower Upper

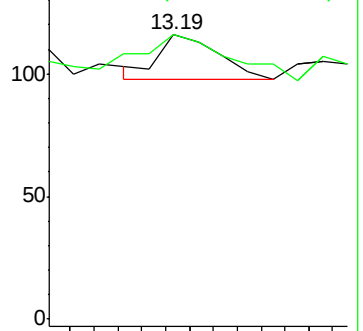
142 100

141 164.5 70.3 105.5#

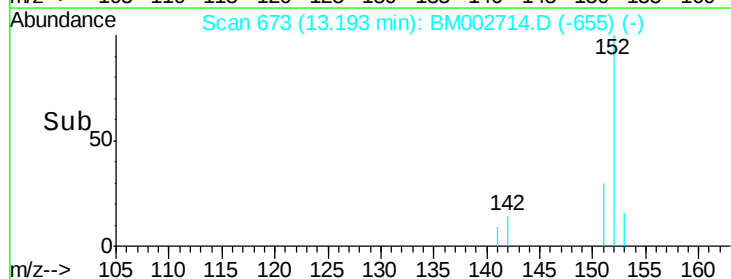


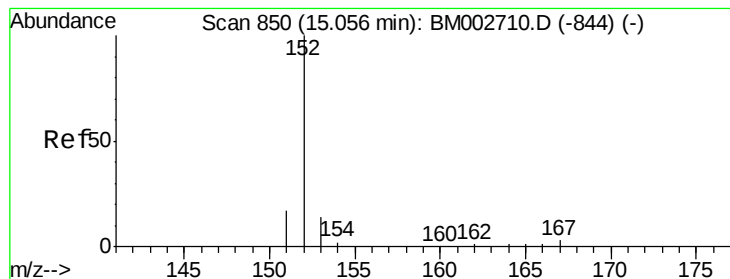
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002714.D

Acq: 24 Sep 2015 16:22

Instrument :

BNA_M

ClientSampleId :

SBLK10

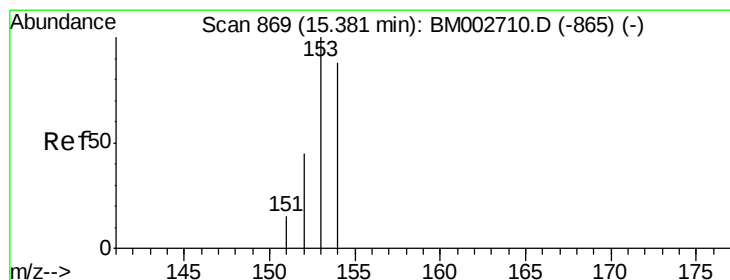
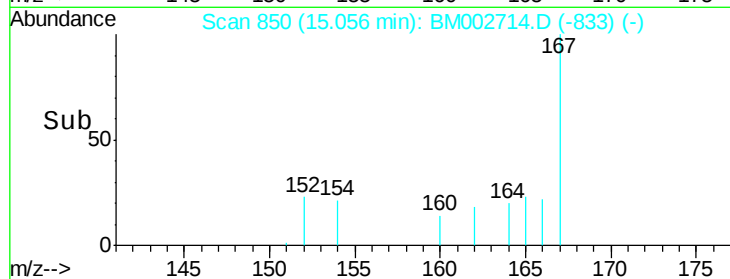
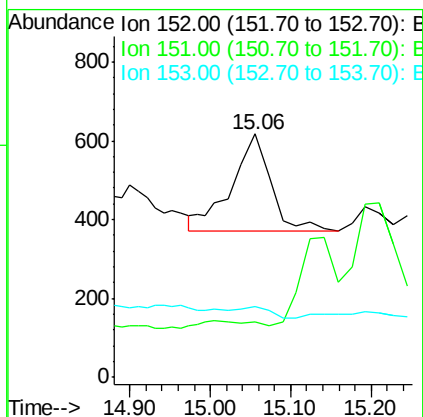
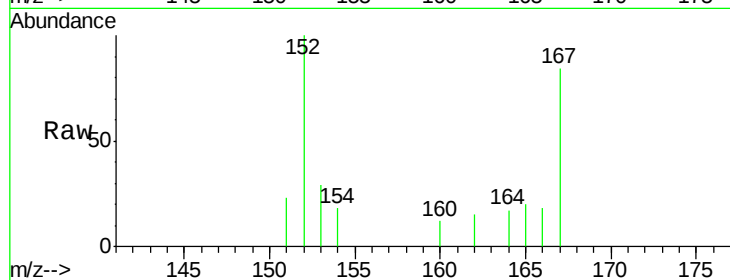
Tot Ion:152 Resp: 787

Ion Ratio Lower Upper

152 100

151 22.7 16.8 25.2

153 29.1 11.3 16.9#



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM002714.D

Acq: 24 Sep 2015 16:22

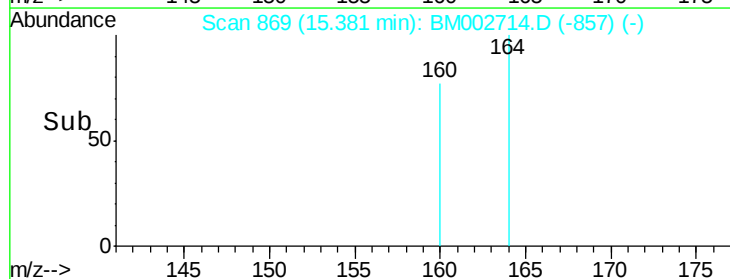
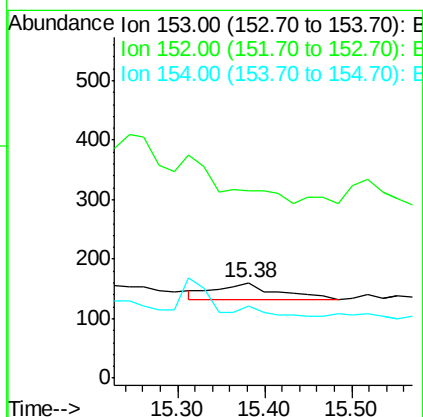
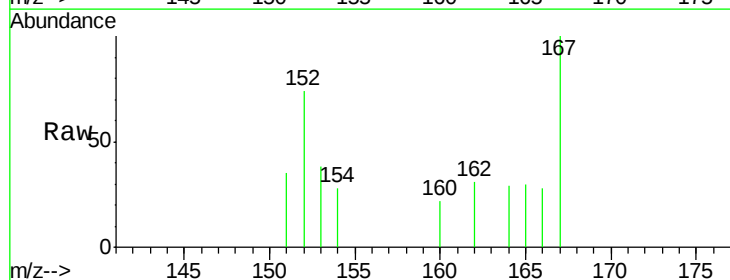
Tgt Ion:153 Resp: 131

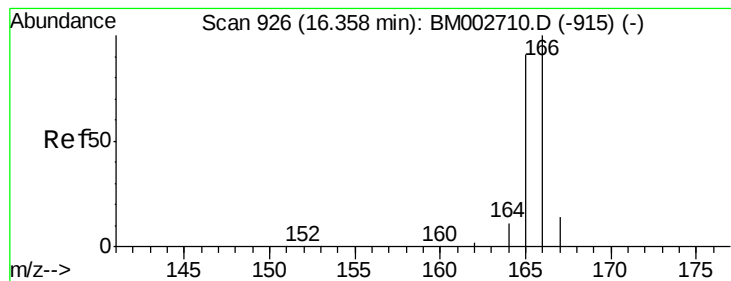
Ion Ratio Lower Upper

153 100

152 195.7 42.3 63.5#

154 75.2 64.7 97.1





#11

Fluorene

Concen: 0.00 ng/ul

RT: 16.34 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM002714.D

Acq: 24 Sep 2015 16:22

Instrument :

BNA_M

ClientSampleId :

SBLK10

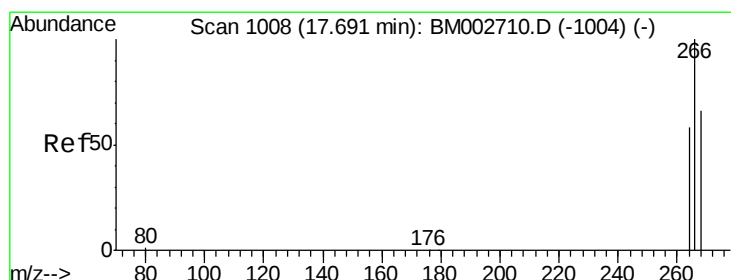
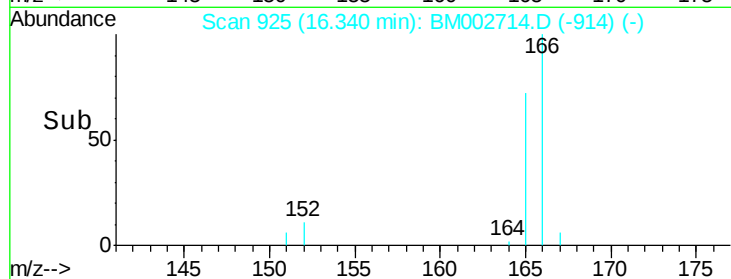
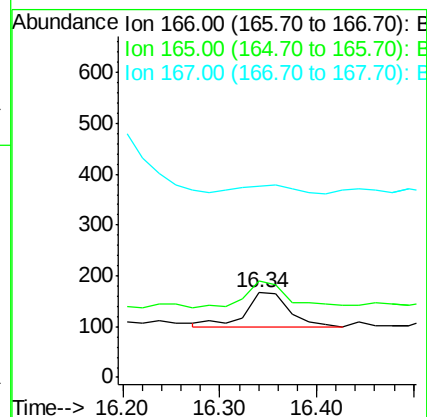
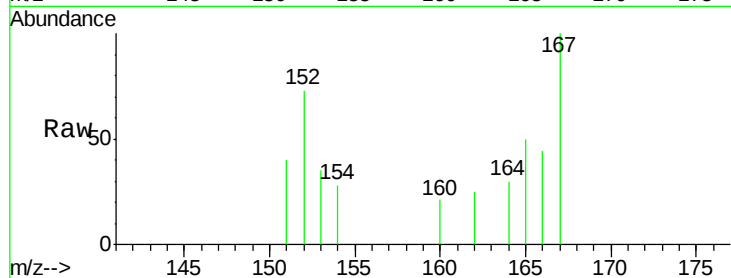
Tot Ion:166 Resp: 221

Ion Ratio Lower Upper

166 100

165 113.2 87.6 131.4

167 225.1 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.04 ng/ul

RT: 17.69 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BM002714.D

Acq: 24 Sep 2015 16:22

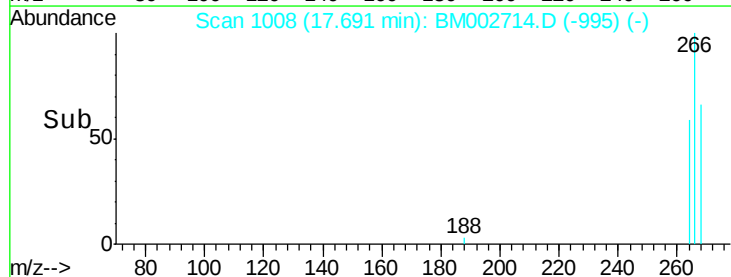
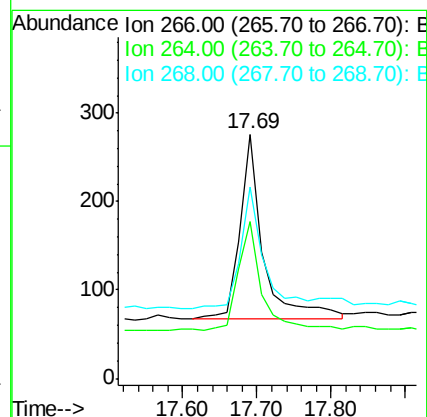
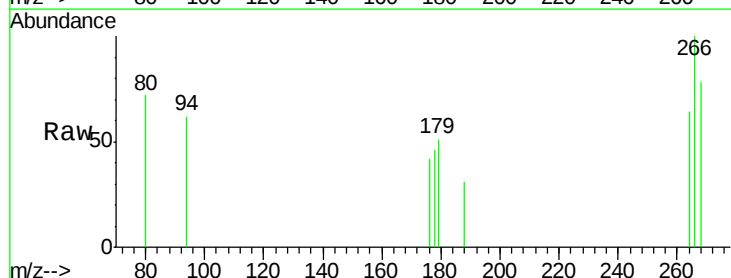
Tgt Ion:266 Resp: 446

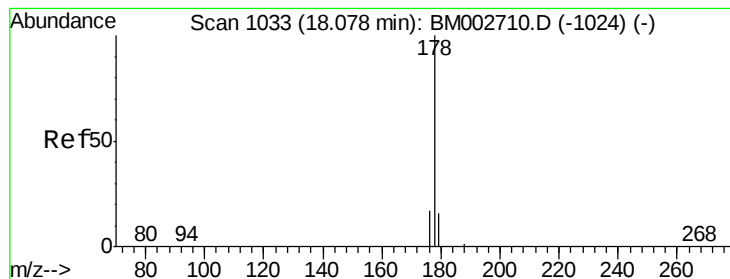
Ion Ratio Lower Upper

266 100

264 62.8 53.5 80.3

268 73.3 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: BM002714.D

Acq: 24 Sep 2015 16:22

Instrument :

BNA_M

ClientSampleId :

SBLK10

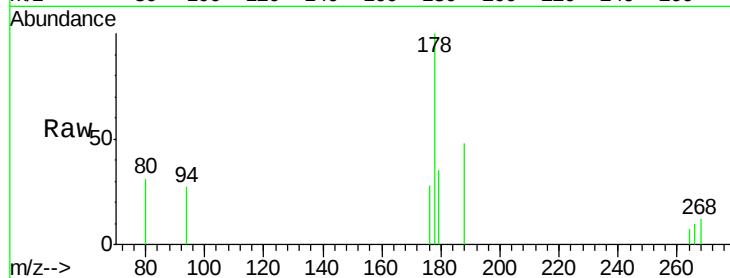
Tot Ion:178 Resp: 1459

Ion Ratio Lower Upper

178 100

176 28.3 16.2 24.4#

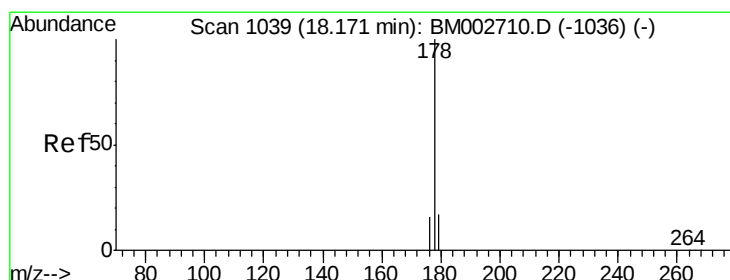
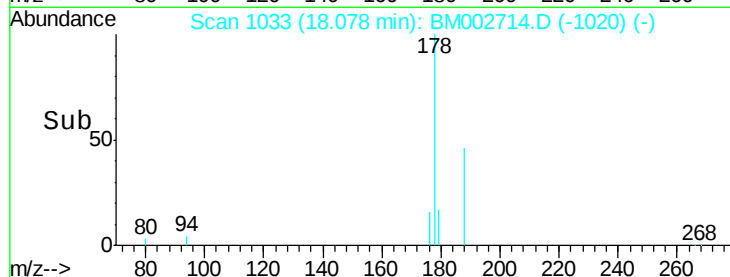
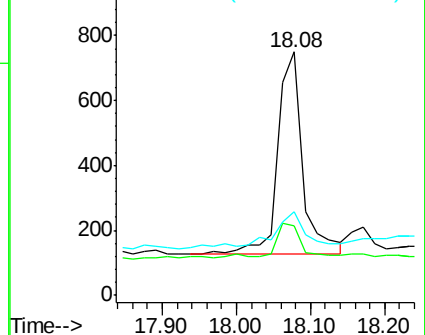
179 34.5 12.8 19.2#



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: BM002714.D

Acq: 24 Sep 2015 16:22

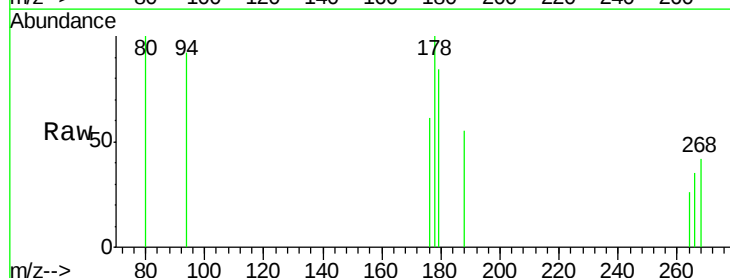
Tgt Ion:178 Resp: 155

Ion Ratio Lower Upper

178 100

176 61.0 15.8 23.8#

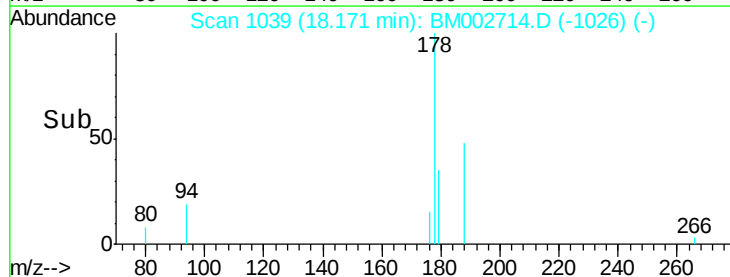
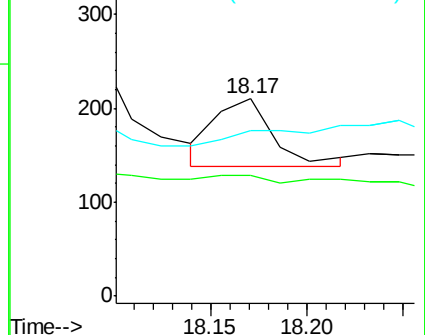
179 83.8 13.3 19.9#

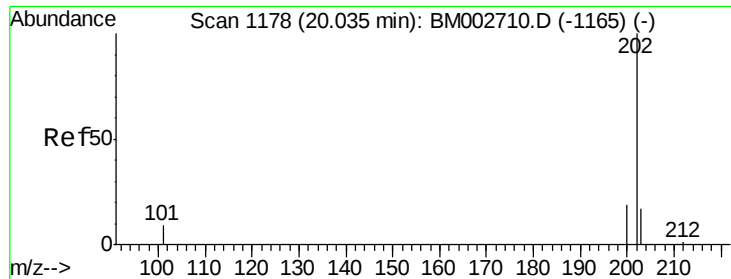


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

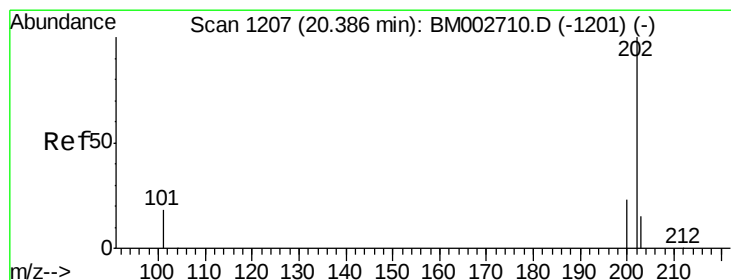
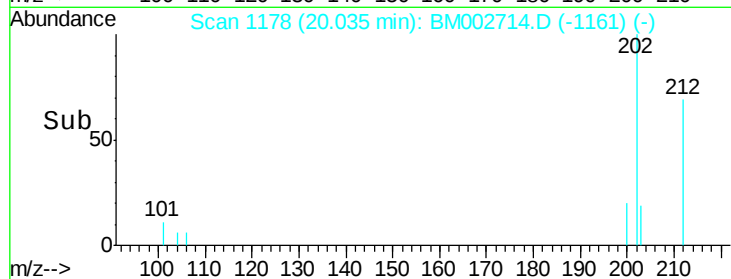
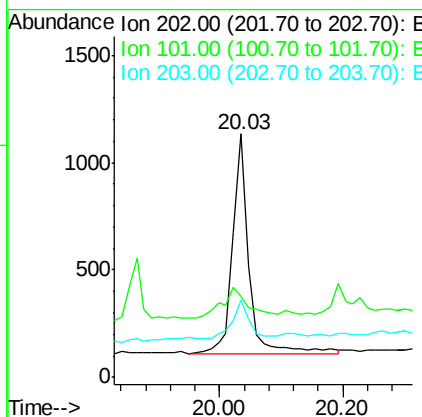
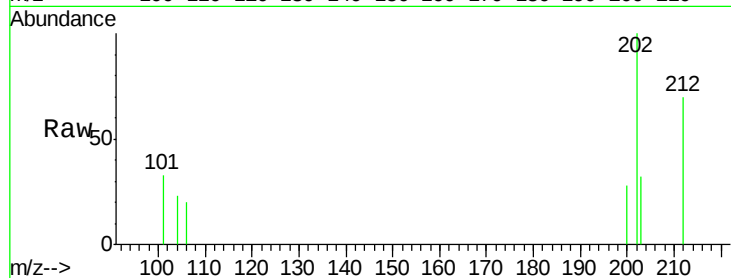




#17
Fluoranthene
 Concen: 0.01 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM002714.D
 Acq: 24 Sep 2015 16:22

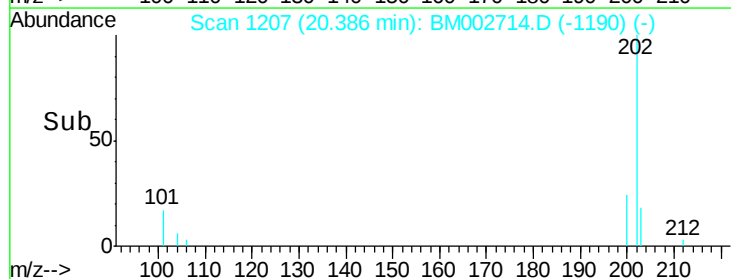
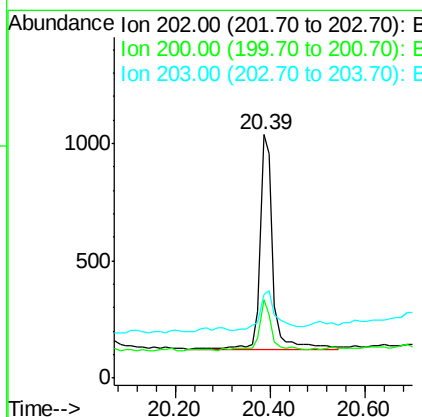
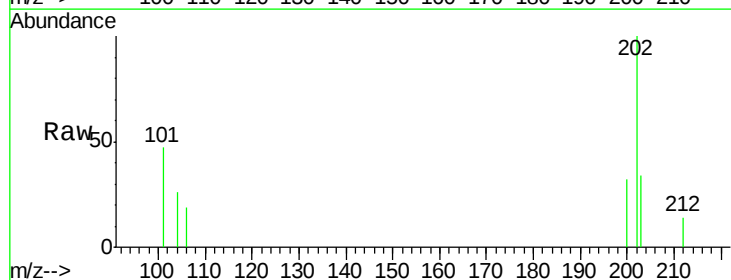
Instrument :
 BNA_M
 ClientSampleId :
 SBLK10

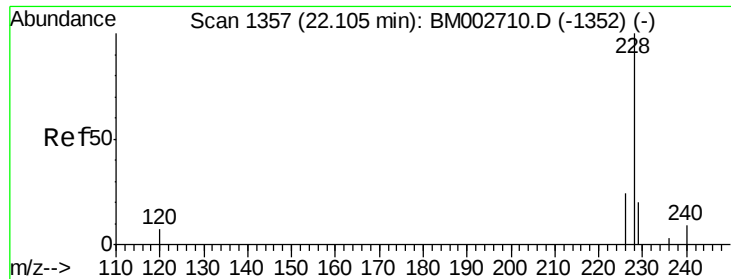
Tot Ion:202 Resp: 1841
 Ion Ratio Lower Upper
 202 100
 101 33.3 0.0 33.1#
 203 31.8 0.0 37.2



#19
Pyrene
 Concen: 0.01 ng/ul
 RT: 20.39 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BM002714.D
 Acq: 24 Sep 2015 16:22

Tgt Ion:202 Resp: 1780
 Ion Ratio Lower Upper
 202 100
 200 32.2 18.0 27.0#
 203 34.4 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 22.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM002714.D

Acq: 24 Sep 2015 16:22

Instrument :

BNA_M

ClientSampleId :

SBLK10

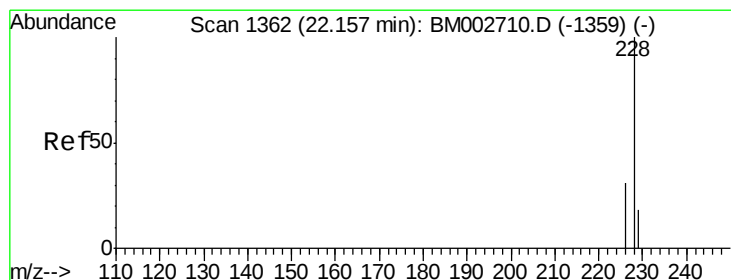
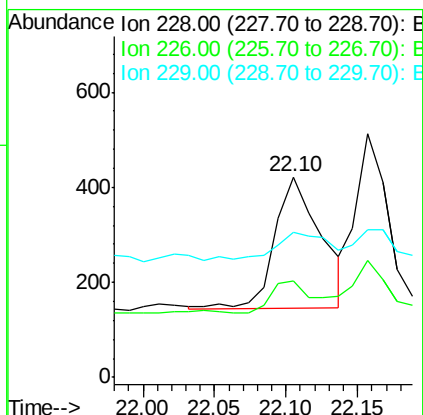
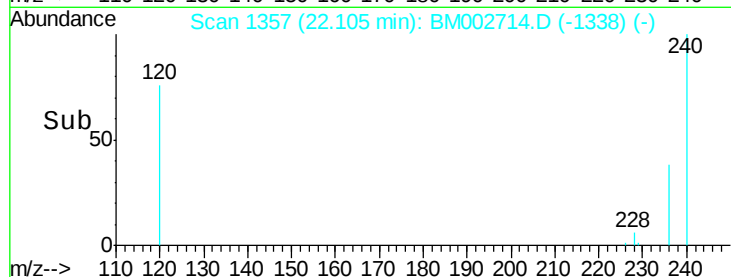
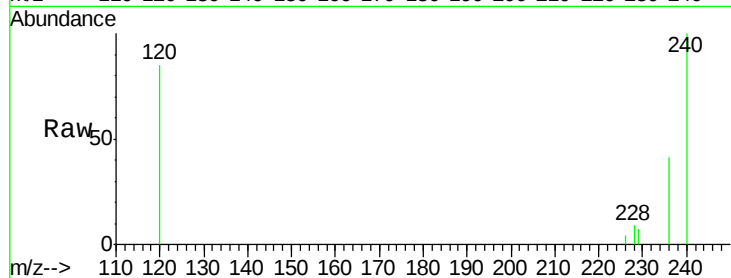
Tot Ion:228 Resp: 620

Ion Ratio Lower Upper

228 100

226 48.0 23.0 34.4#

229 72.4 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: BM002714.D

Acq: 24 Sep 2015 16:22

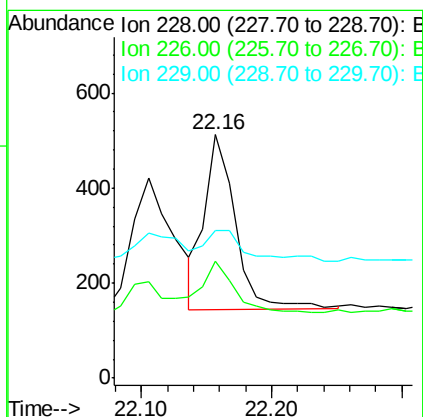
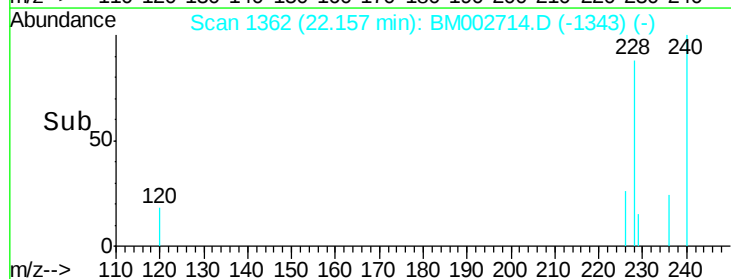
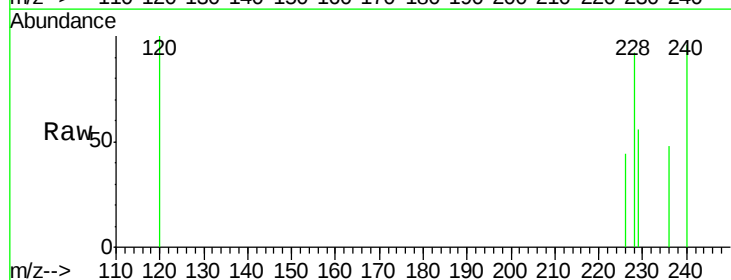
Tgt Ion:228 Resp: 605

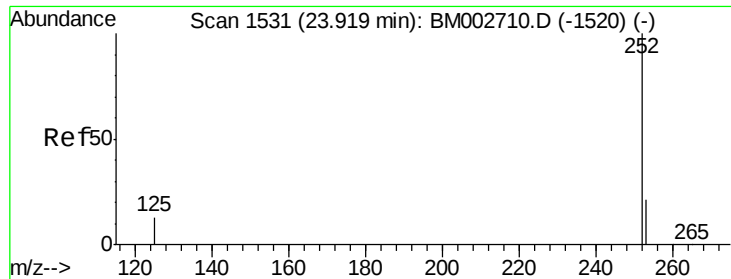
Ion Ratio Lower Upper

228 100

226 48.2 25.7 38.5#

229 60.9 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: BM002714.D

Acq: 24 Sep 2015 16:22

Instrument :

BNA_M

ClientSampleId :

SBLK10

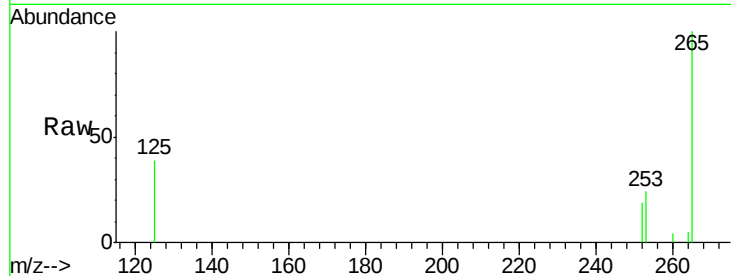
Tot Ion:252 Resp: 536

Ion Ratio Lower Upper

252 100

253 126.7 0.0 48.0#

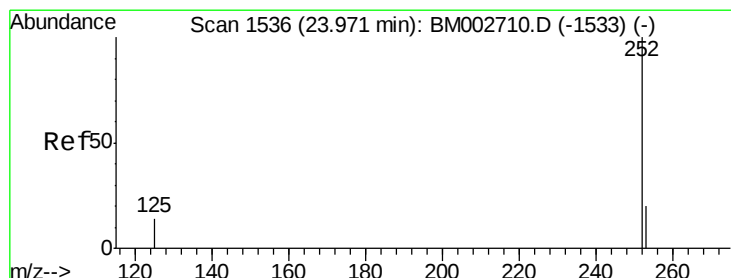
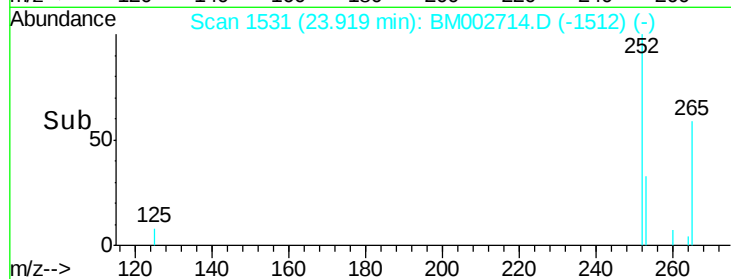
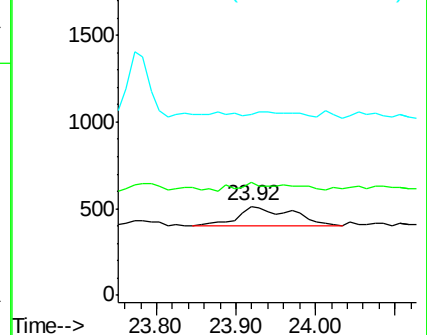
125 203.5 0.0 36.6#



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: BM002714.D

Acq: 24 Sep 2015 16:22

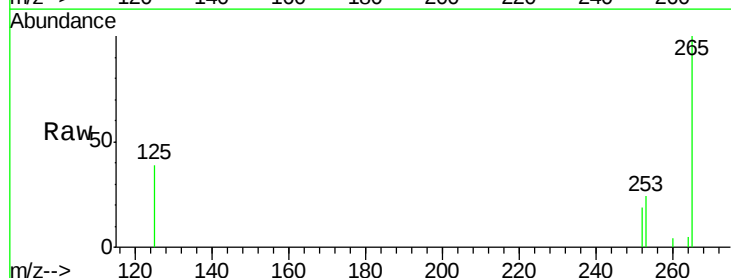
Tgt Ion:252 Resp: 536

Ion Ratio Lower Upper

252 100

253 126.7 20.8 31.2#

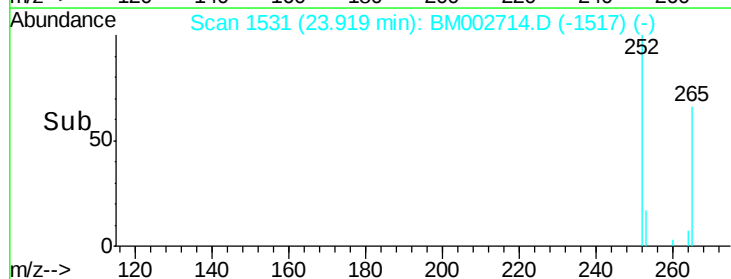
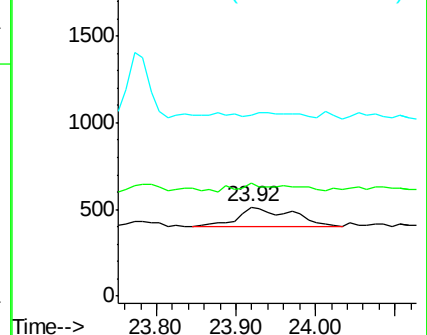
125 203.5 12.2 18.4#

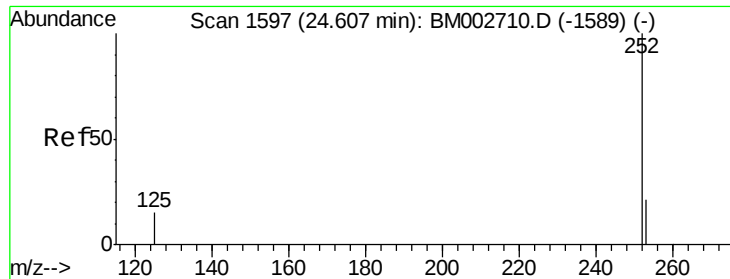


Abundance Ion 252.00 (251.70 to 252.70): E

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/u1

RT: 24.61 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BM002714.D

Acq: 24 Sep 2015 16:22

Instrument :

BNA_M

ClientSampleId :

SBLK10

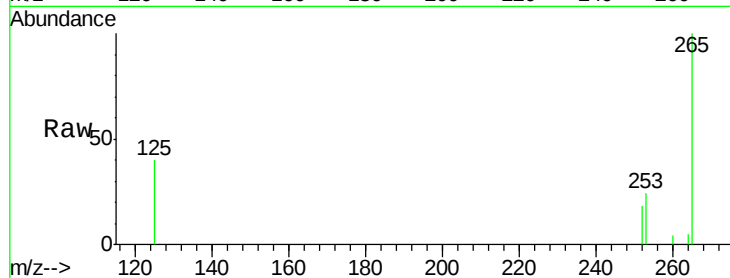
Tot Ion:252 Resp: 206

Ion Ratio Lower Upper

252 100

253 130.9 21.8 32.8#

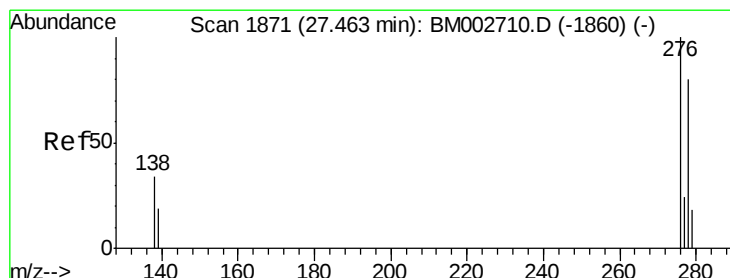
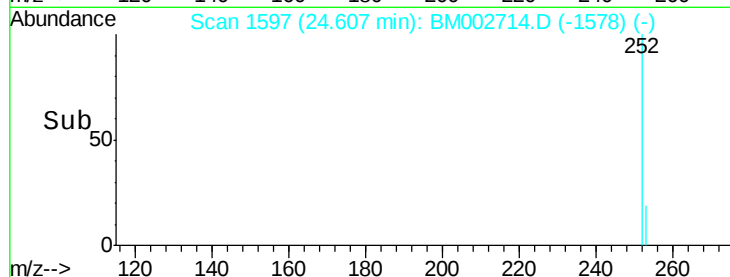
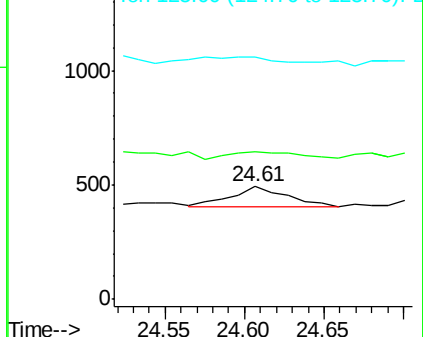
125 215.9 14.5 21.7#



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/u1

RT: 27.47 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BM002714.D

Acq: 24 Sep 2015 16:22

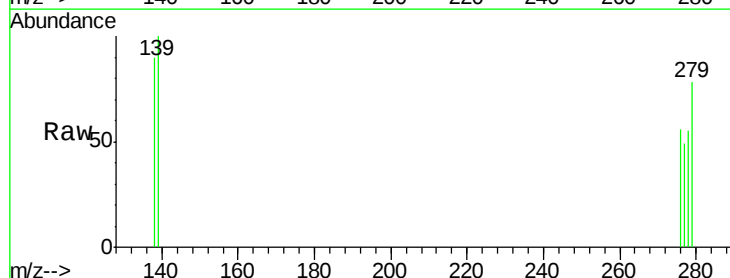
Tgt Ion:276 Resp: 284

Ion Ratio Lower Upper

276 100

138 0.0 27.5 41.3#

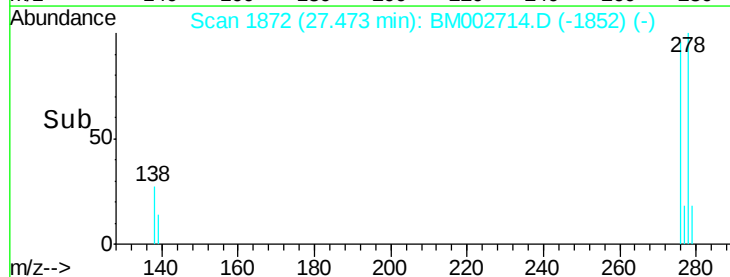
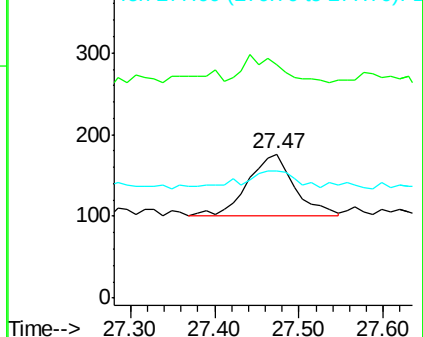
277 34.2 19.3 28.9#

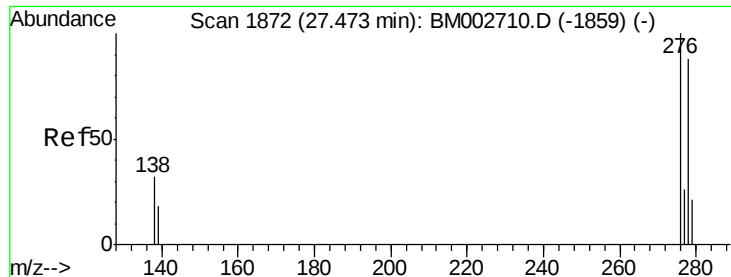


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM002714.D

Acq: 24 Sep 2015 16:22

Instrument :

BNA_M

ClientSampled :

SBLK10

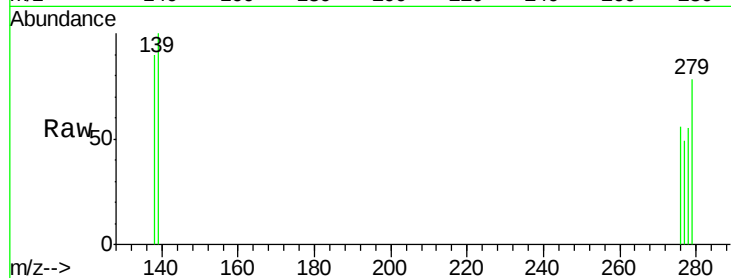
Tot Ion:278 Resp: 295

Ion Ratio Lower Upper

278 100

139 182.7 21.7 32.5#

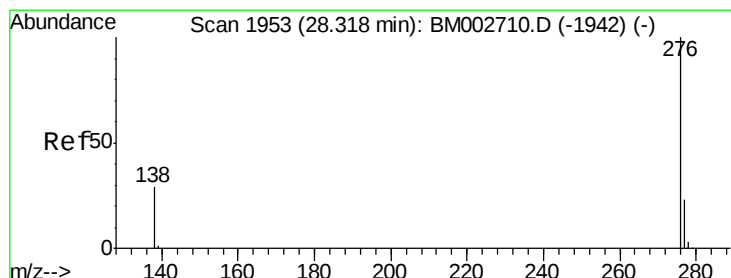
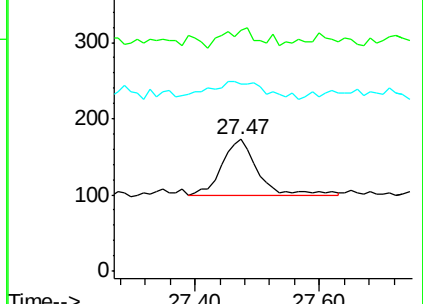
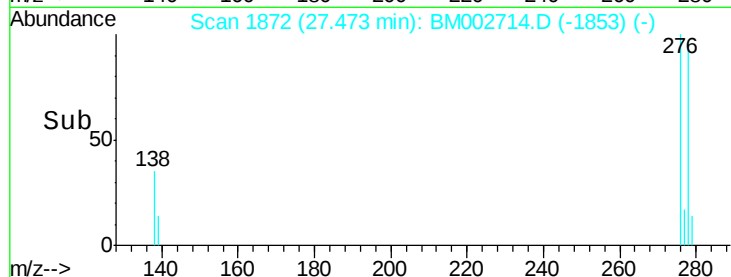
279 141.6 21.9 32.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 28.32 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM002714.D

Acq: 24 Sep 2015 16:22

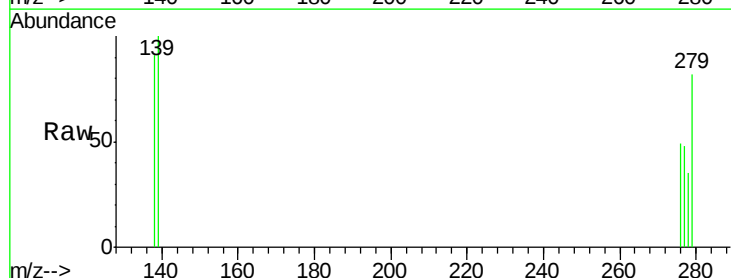
Tgt Ion:276 Resp: 199

Ion Ratio Lower Upper

276 100

277 98.0 21.3 31.9#

138 185.9 25.5 38.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

