

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061815\
 Data File : BM001734.D
 Acq On : 18 Jun 2015 11:06
 Operator : TP/IZ
 Sample : G2610-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1W49

Quant Time: Jun 18 17:15:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 18 04:33:02 2015
 Response via : Initial Calibration

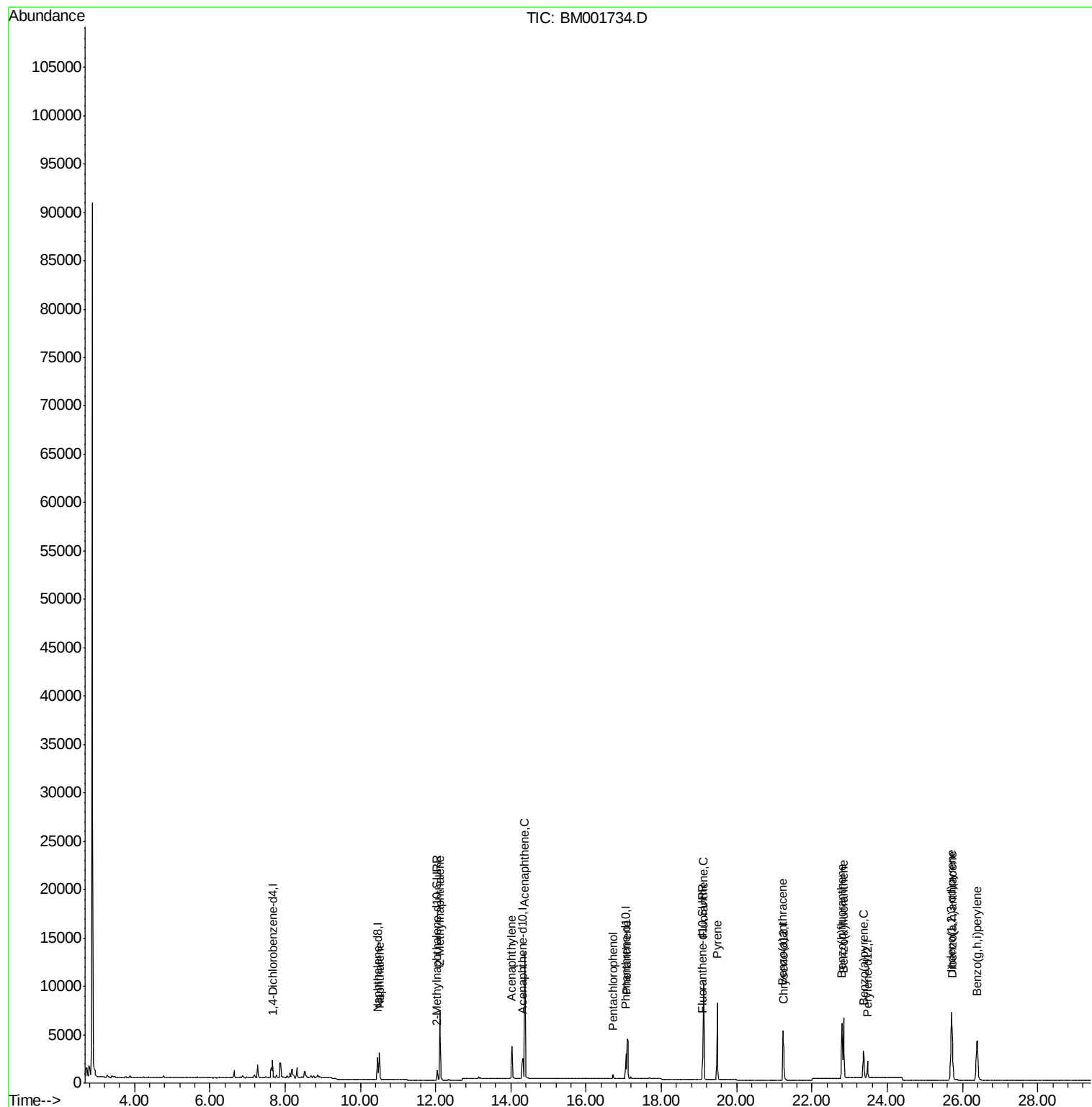
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	918	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	3275	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	1550	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	3246	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	2642	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	2326	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1364	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2470	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.50	128	4013	0.46	ng/ul	100
5) 2-Methylnaphthalene	12.12	142	5127	0.93	ng/ul	100
7) Acenaphthylene	14.03	152	4214	0.56	ng/ul	98
8) Acenaphthene	14.37	153	7739	1.36	ng/ul	98
11) Pentachlorophenol	16.70	266	437	0.63	ng/ul	100
12) Phenanthrene	17.09	178	6109	0.63	ng/ul#	90
15) Fluoranthene	19.12	202	10600	1.02	ng/ul	86
17) Pyrene	19.48	202	8559	0.81	ng/ul	92
18) Benzo(a)anthracene	21.23	228	4431	0.52	ng/ul	99
21) Benzo(b)fluoranthene	22.80	252	7019	0.78	ng/ul	96
22) Benzo(k)fluoranthene	22.85	252	8566	0.99	ng/ul	96
23) Benzo(a)pyrene	23.37	252	4124	0.51	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.70	276	7398	0.79	ng/ul	97
25) Dibenzo(a,h)anthracene	25.73	278	7379	0.97	ng/ul	95
26) Benzo(g,h,i)perylene	26.39	276	8314	1.02	ng/ul	97

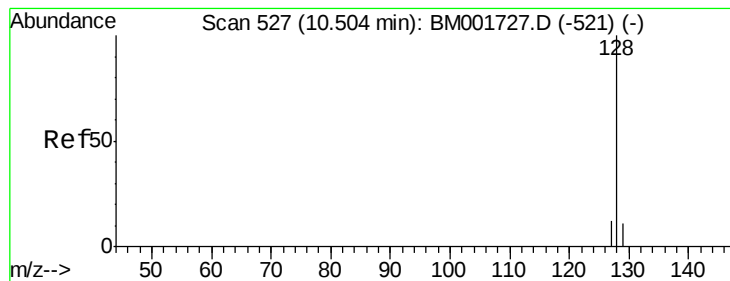
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.46 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

Instrument :

BNA_M

ClientSampleId :

X1W49

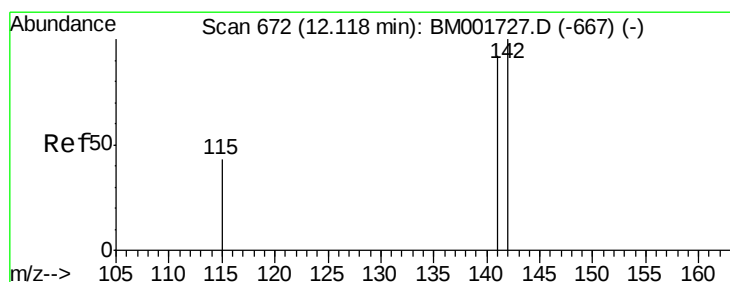
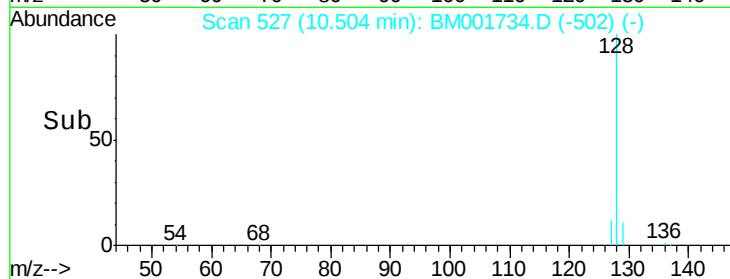
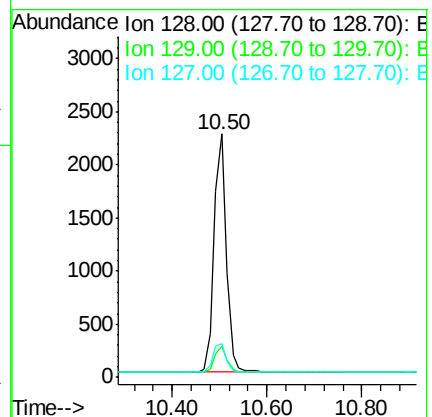
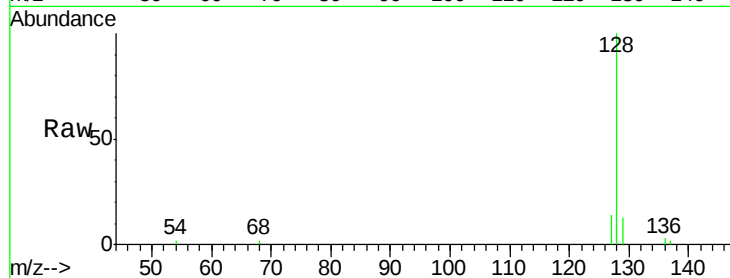
Tgt Ion:128 Resp: 4013

Ion Ratio Lower Upper

128 100

129 12.9 10.3 15.5

127 13.8 11.3 16.9



#5

2-Methylnaphthalene

Concen: 0.93 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM001734.D

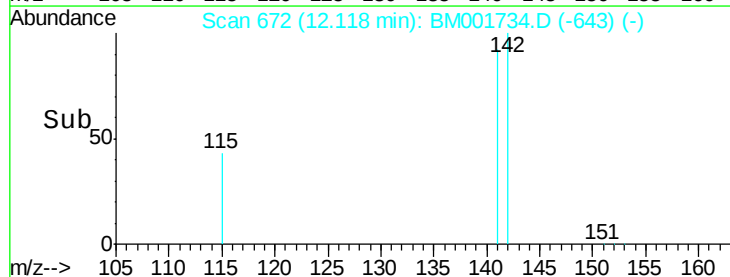
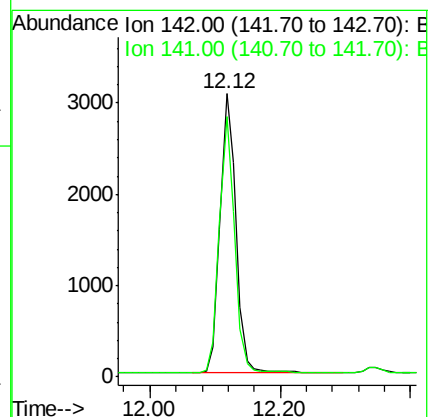
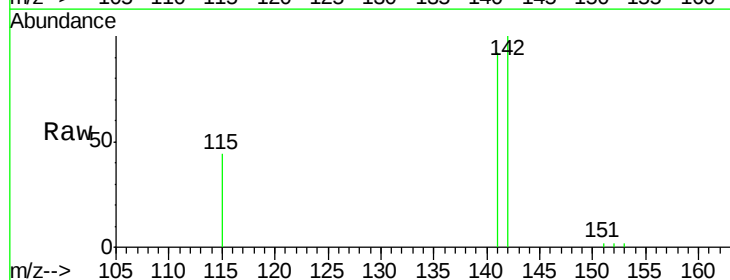
Acq: 18 Jun 2015 11:06

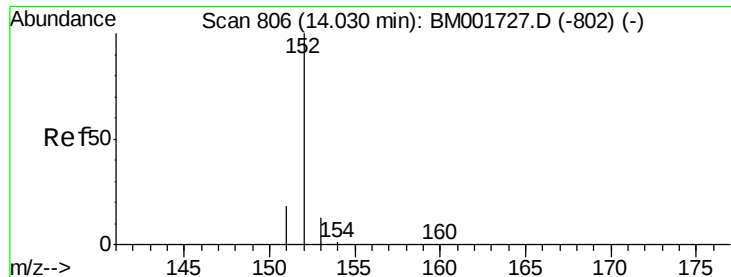
Tgt Ion:142 Resp: 5127

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3





#7

Acenaphthylene

Concen: 0.56 ng/ul

RT: 14.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

Instrument :

BNA_M

ClientSampleId :

X1W49

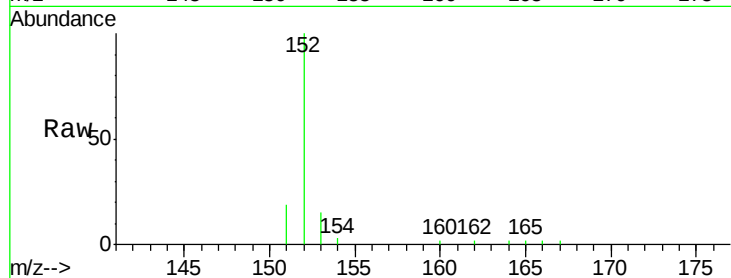
Tgt Ion:152 Resp: 4214

Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.4

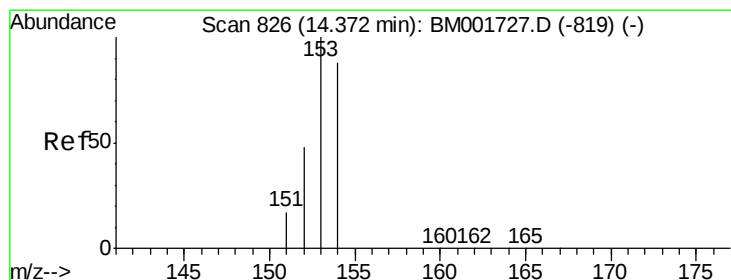
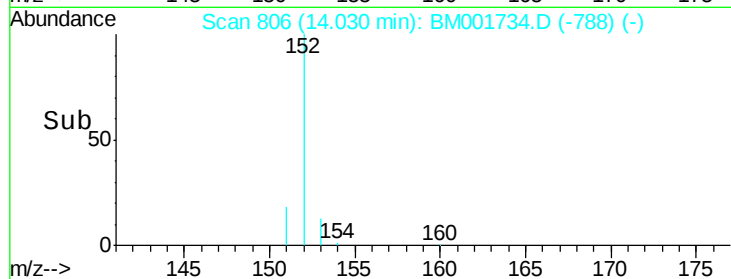
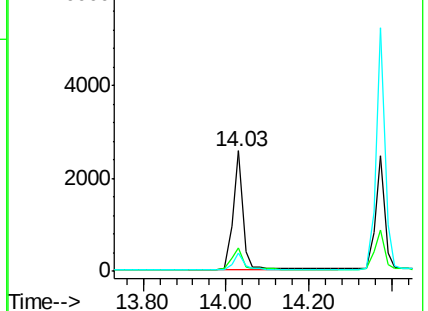
153 15.0 12.2 18.2



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



#8

Acenaphthene

Concen: 1.36 ng/ul

RT: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

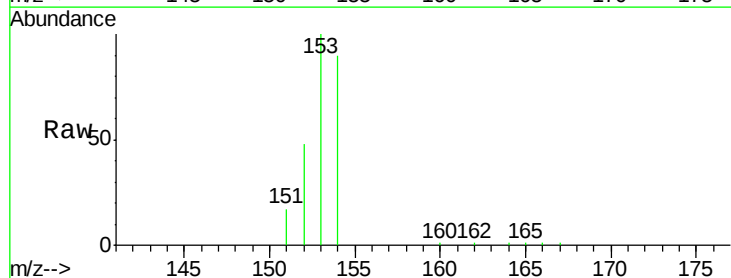
Tgt Ion:153 Resp: 7739

Ion Ratio Lower Upper

153 100

152 47.7 39.6 59.4

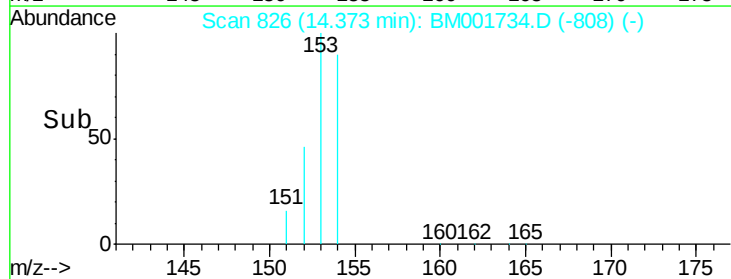
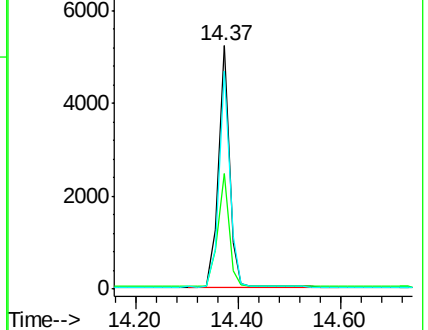
154 89.7 70.7 106.1

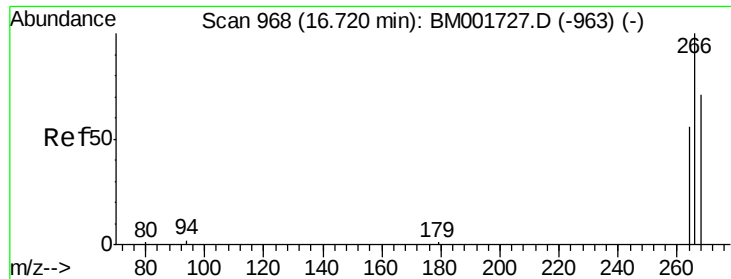


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

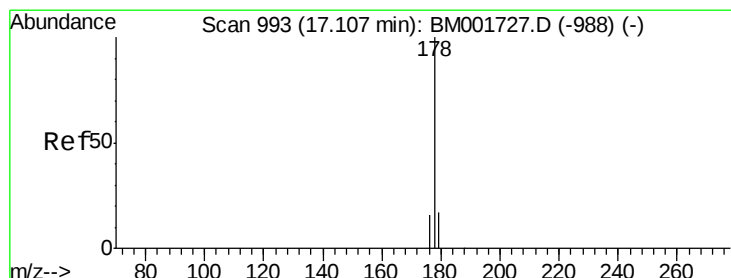
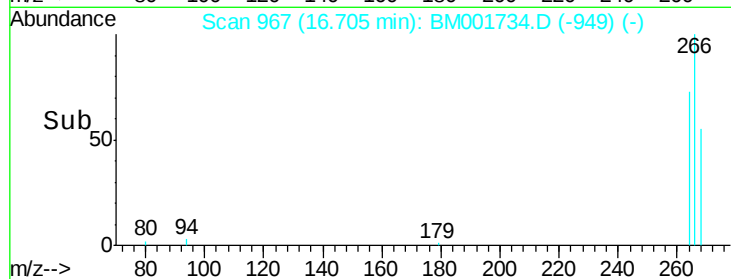
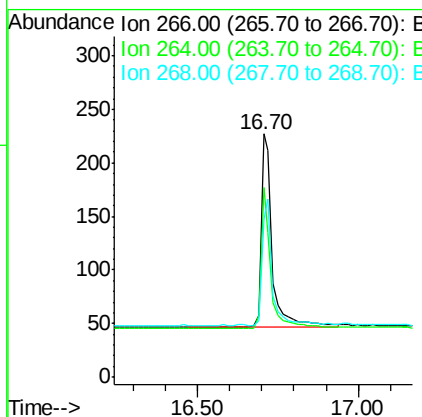
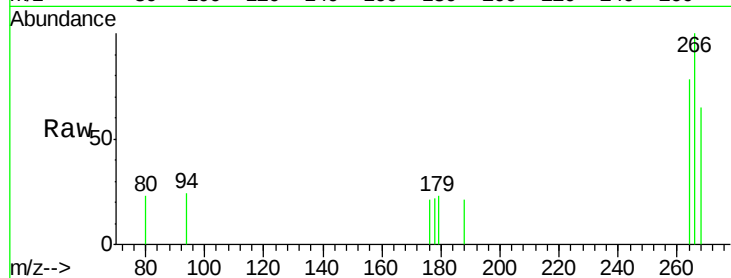




#11
 Pentachlorophenol
 Concen: 0.63 ng/ul
 RT: 16.70 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BM001734.D
 Acq: 18 Jun 2015 11:06

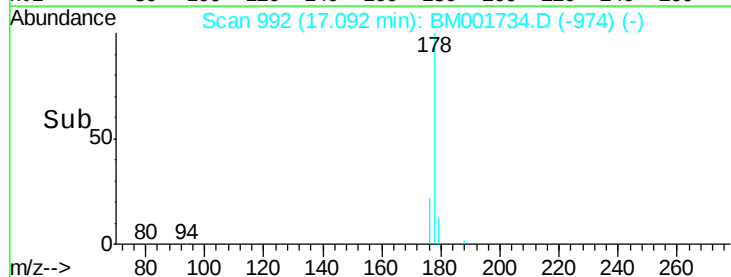
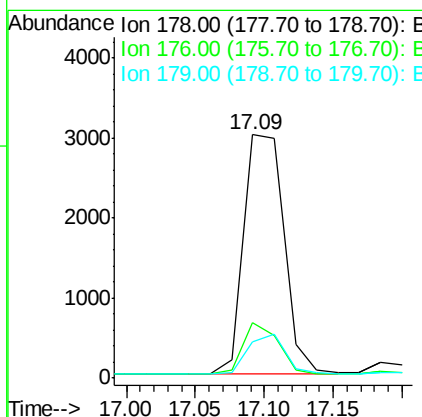
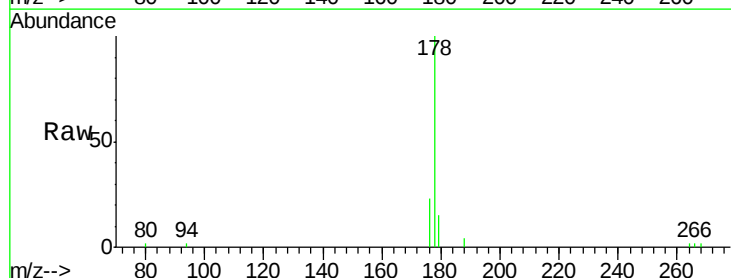
Instrument :
 BNA_M
 ClientSampleId :
 X1W49

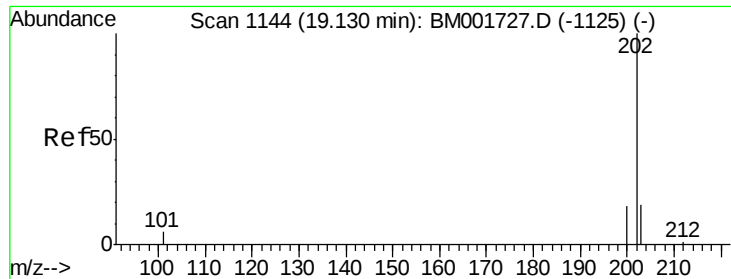
Tgt Ion: 266 Resp: 437
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.7 76.1
 268 62.9 50.5 75.7



#12
 Phenanthrene
 Concen: 0.63 ng/ul
 RT: 17.09 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BM001734.D
 Acq: 18 Jun 2015 11:06

Tgt Ion: 178 Resp: 6109
 Ion Ratio Lower Upper
 178 100
 176 23.0 14.6 21.8#
 179 14.7 15.0 22.6#





#15

Fluoranthene

Concen: 1.02 ng/ul

RT: 19.12 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

Instrument :

BNA_M

ClientSampleId :

X1W49

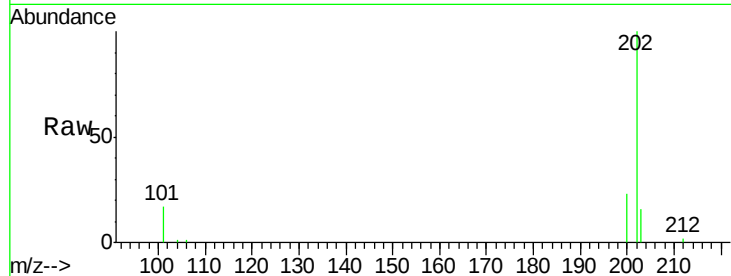
Tgt Ion:202 Resp: 10600

Ion Ratio Lower Upper

202 100

101 17.0 0.0 27.5

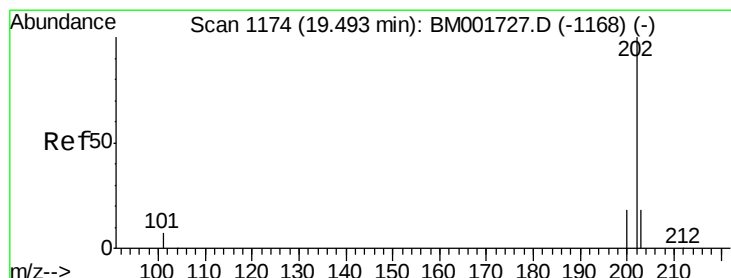
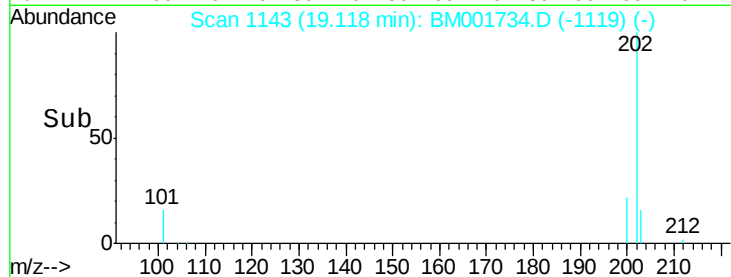
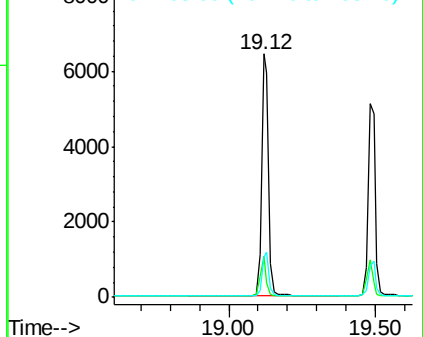
203 16.3 0.7 40.7



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



#17

Pyrene

Concen: 0.81 ng/ul

RT: 19.48 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

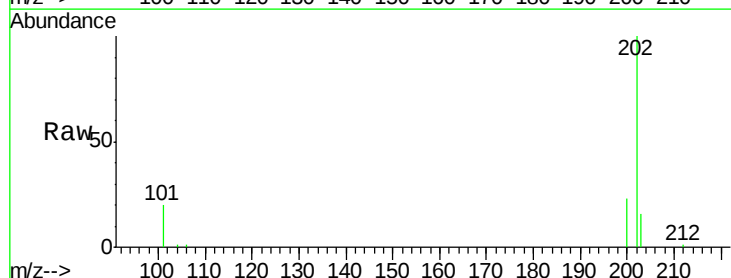
Tgt Ion:202 Resp: 8559

Ion Ratio Lower Upper

202 100

200 23.2 15.7 23.5

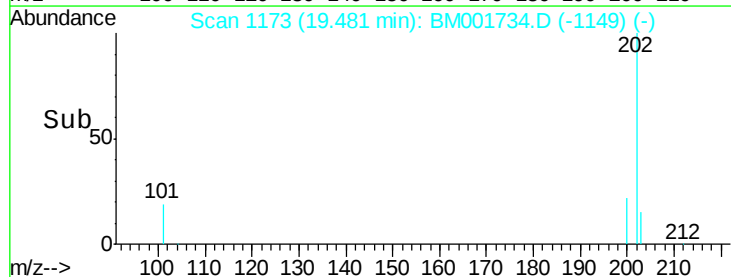
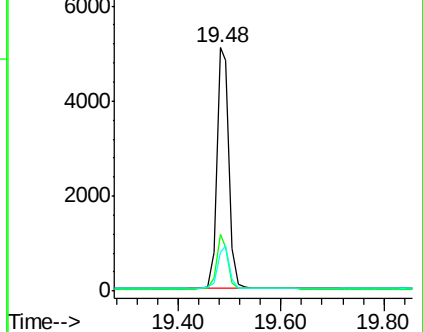
203 16.0 15.8 23.8

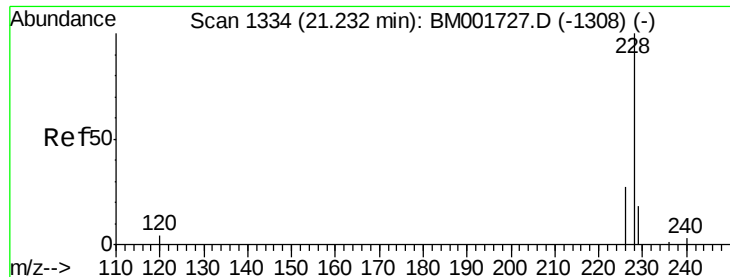


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.52 ng/ul

RT: 21.23 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

Instrument :

BNA_M

ClientSampleId :

X1W49

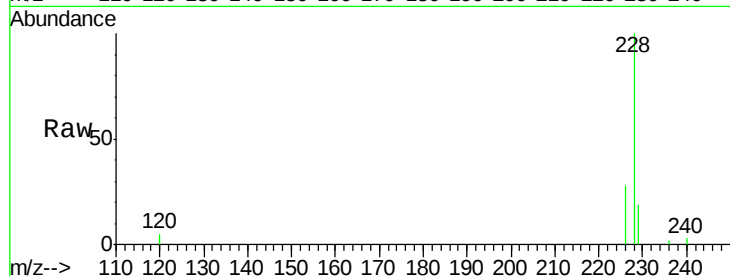
Tgt Ion:228 Resp: 4431

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

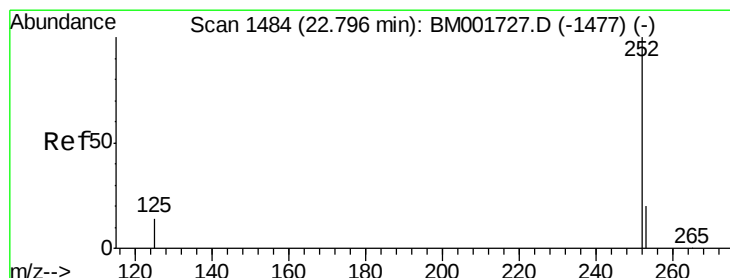
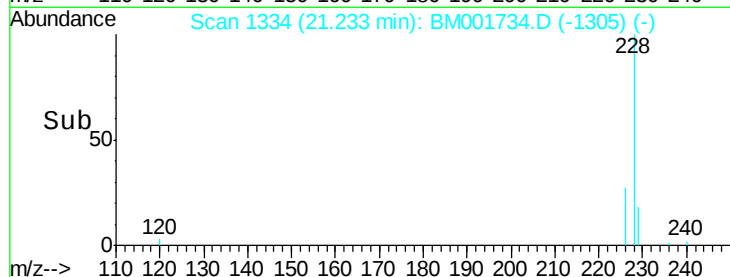
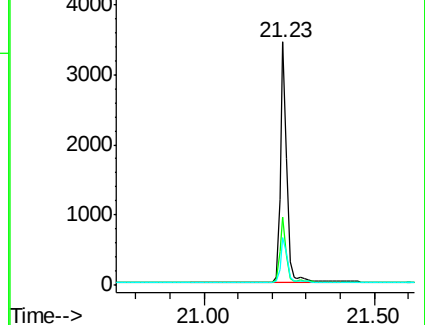
229 19.5 15.8 23.8



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

Benzo(b)fluoranthene

Concen: 0.78 ng/ul

RT: 22.80 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

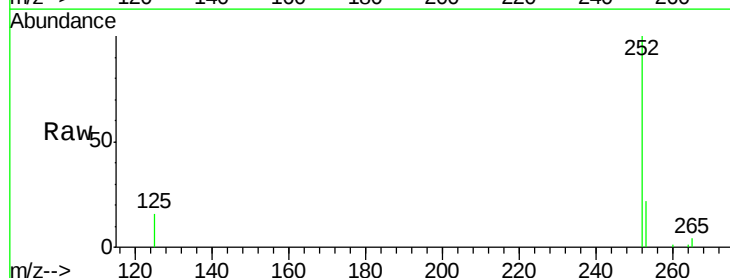
Tgt Ion:252 Resp: 7019

Ion Ratio Lower Upper

252 100

253 22.4 0.0 48.4

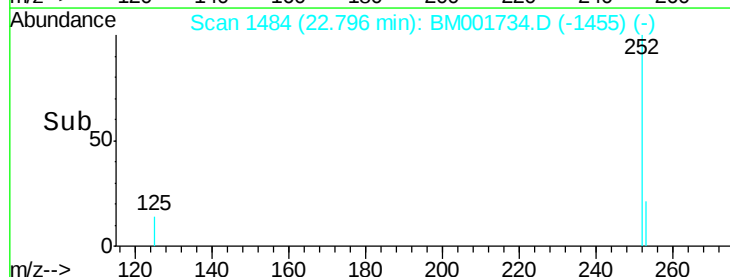
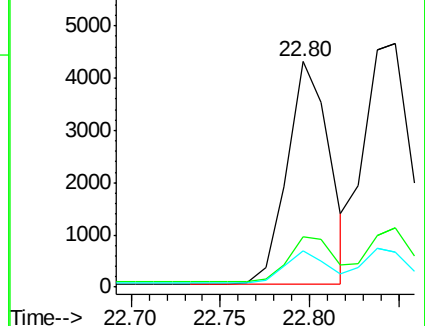
125 15.9 0.0 35.2

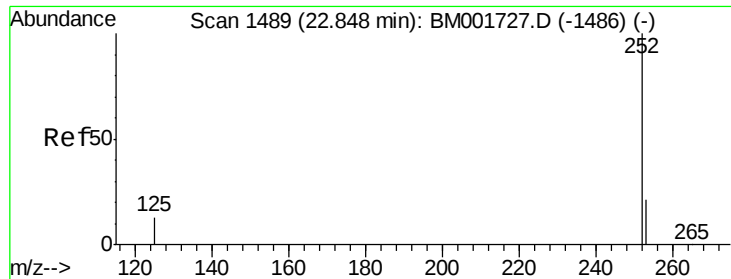


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.99 ng/ul

RT: 22.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

Instrument :

BNA_M

ClientSampleId :

X1W49

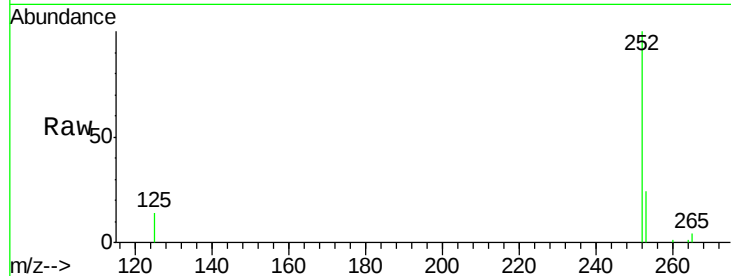
Tgt Ion:252 Resp: 8566

Ion Ratio Lower Upper

252 100

253 24.5 21.2 31.8

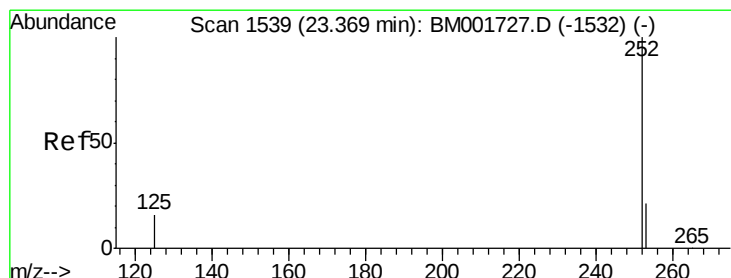
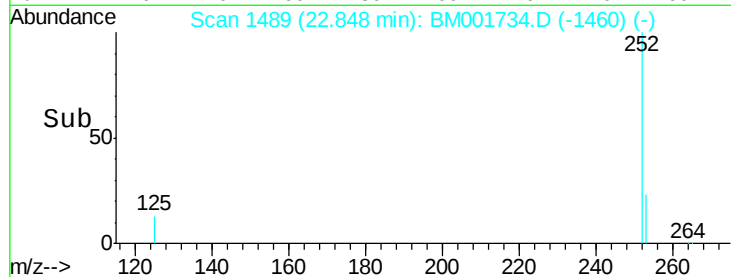
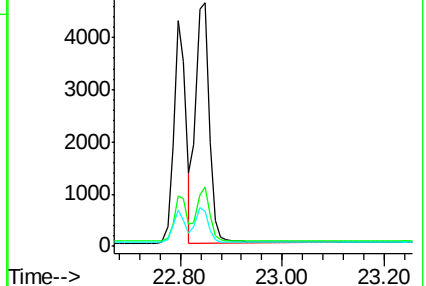
125 14.2 12.7 19.1



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



#23

Benzo(a)pyrene

Concen: 0.51 ng/ul

RT: 23.37 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

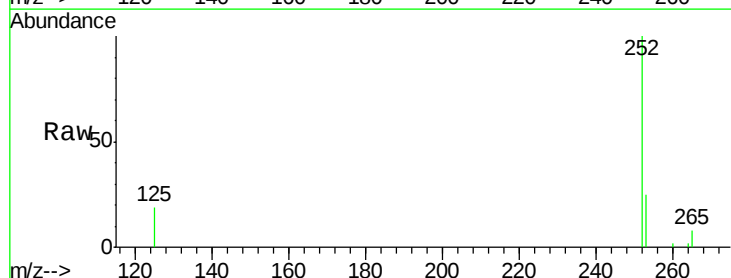
Tgt Ion:252 Resp: 4124

Ion Ratio Lower Upper

252 100

253 25.5 21.1 31.7

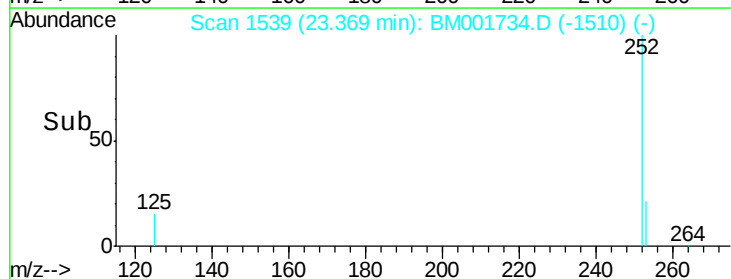
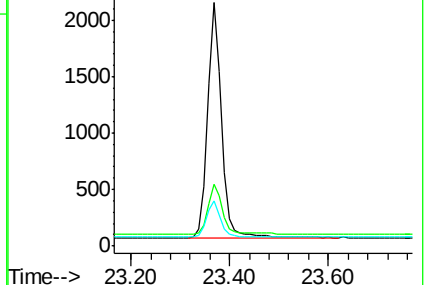
125 18.6 15.6 23.4

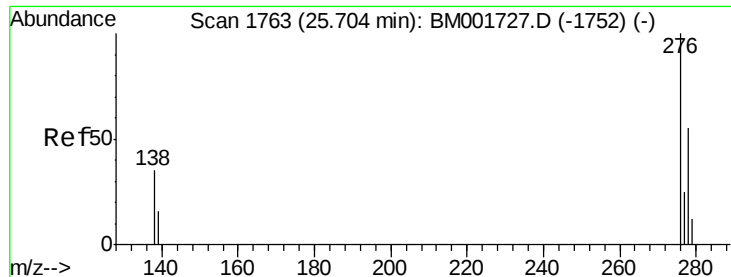


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.79 ng/ul

RT: 25.70 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

Instrument :

BNA_M

ClientSampleId :

X1W49

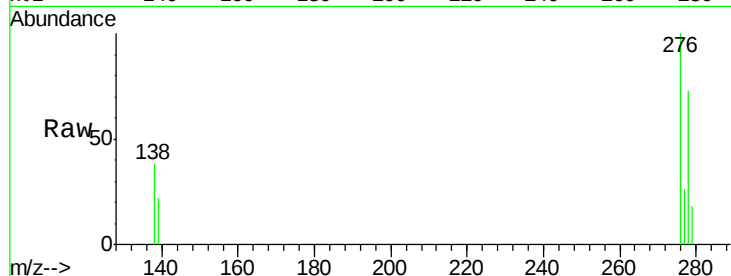
Tgt Ion:276 Resp: 7398

Ion Ratio Lower Upper

276 100

138 37.6 28.2 42.2

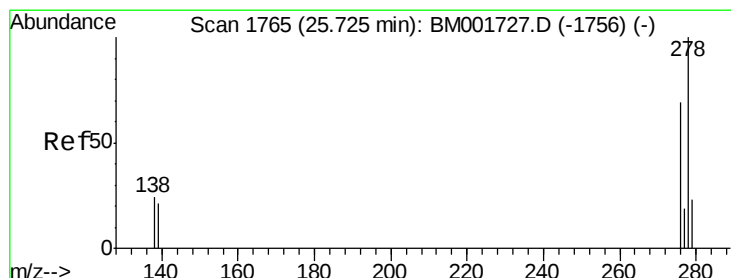
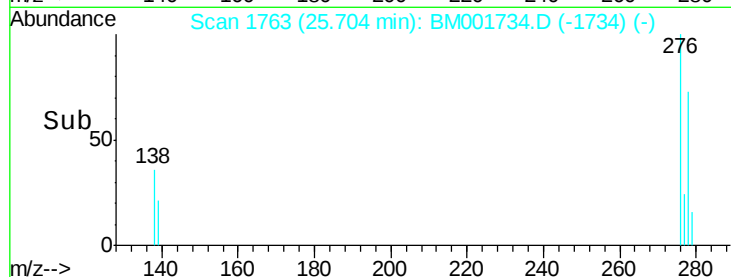
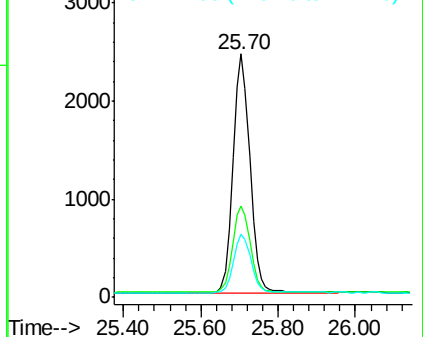
277 24.9 20.2 30.2



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



#25

Dibenzo(a,h)anthracene

Concen: 0.97 ng/ul

RT: 25.73 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BM001734.D

Acq: 18 Jun 2015 11:06

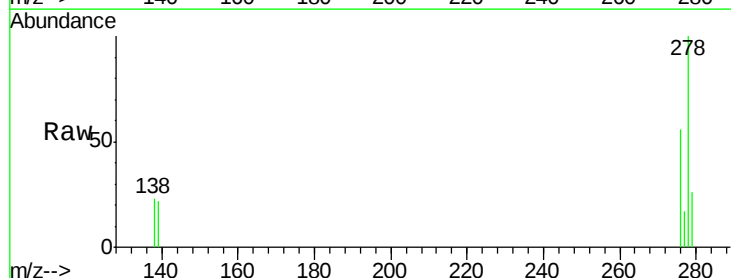
Tgt Ion:278 Resp: 7379

Ion Ratio Lower Upper

278 100

139 22.4 20.1 30.1

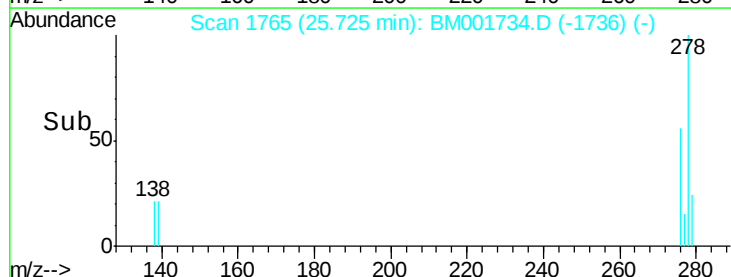
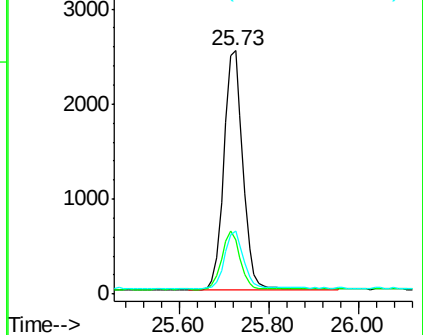
279 25.9 22.6 33.8

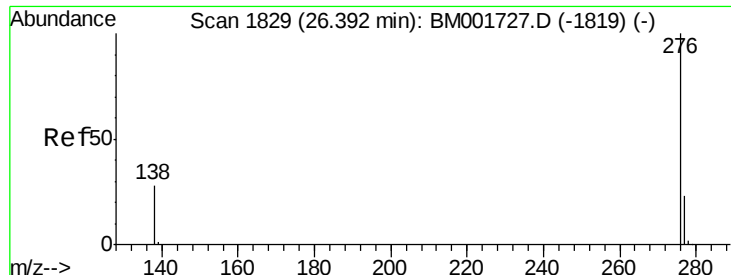


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 1.02 ng/ul

RT: 26.39 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM001734.D

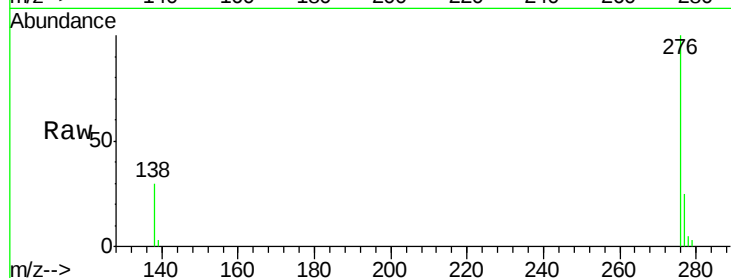
Acq: 18 Jun 2015 11:06

Instrument :

BNA_M

ClientSampleId :

X1W49



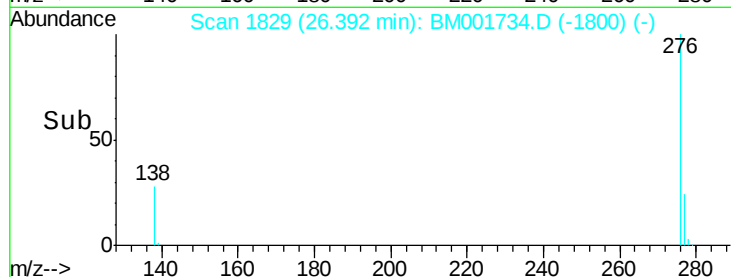
Tgt Ion: 276 Resp: 8314

Ion Ratio Lower Upper

276 100

277 25.1 21.1 31.7

138 29.9 25.3 37.9



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

