

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061815\
 Data File : BM001727.D
 Acq On : 17 Jun 2015 20:39
 Operator : TP/IZ
 Sample : SSTD0.406
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.406

Quant Time: Jun 18 04:23:55 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 04:21:50 2015
 Response via : Initial Calibration

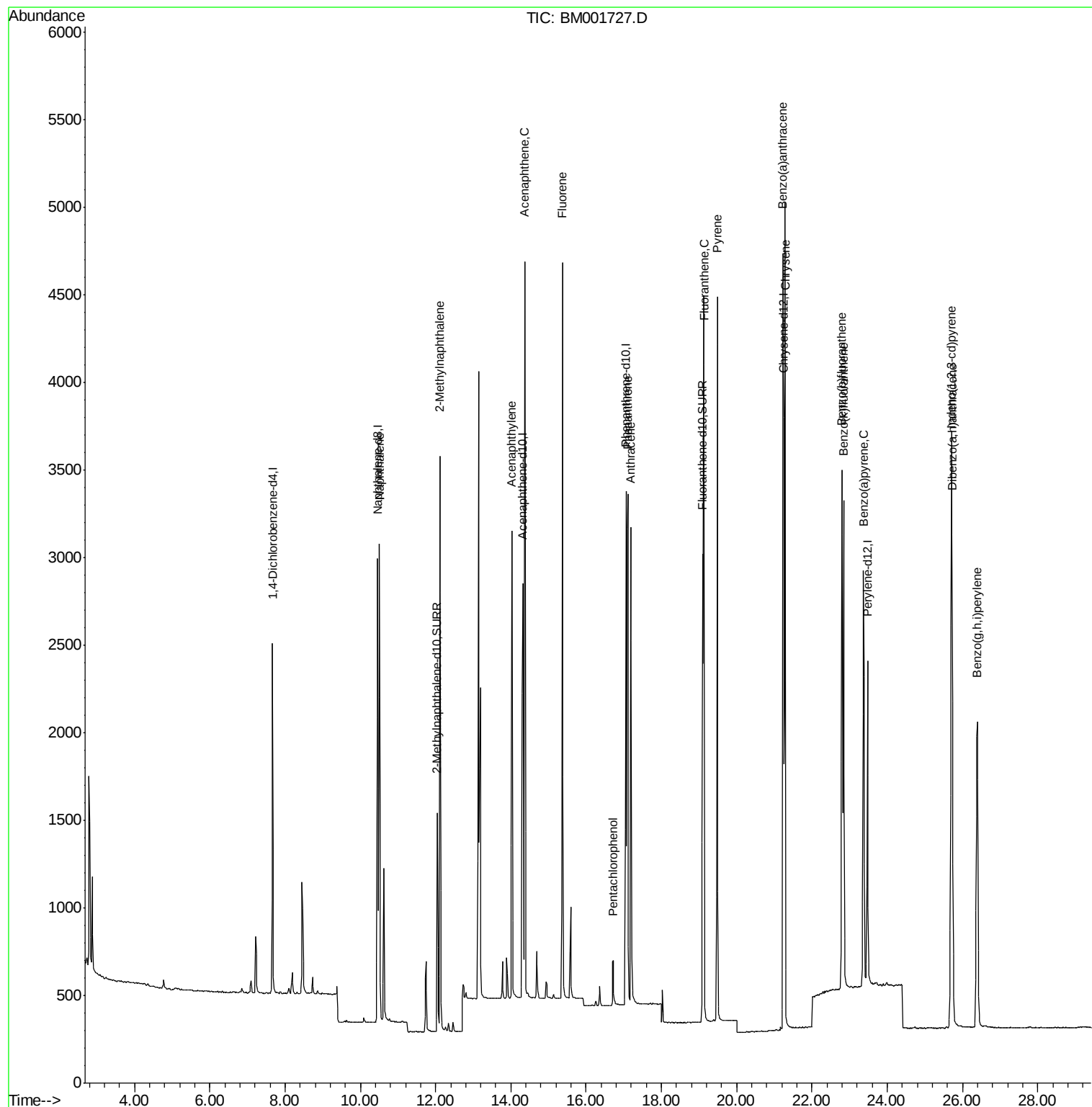
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	995	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	3582	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	1675	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	3542	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	2844	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	2494	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1759	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2987	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.50	128	3799	0.42	ng/ul	100
5) 2-Methylnaphthalene	12.12	142	2404	0.40	ng/ul	100
7) Acenaphthylene	14.03	152	3210	0.43	ng/ul	100
8) Acenaphthene	14.37	153	2463	0.42	ng/ul	100
9) Fluorene	15.37	166	2752	0.42	ng/ul	100
11) Pentachlorophenol	16.72	266	286	0.37	ng/ul	100
12) Phenanthrene	17.11	178	4197	0.41	ng/ul	100
13) Anthracene	17.18	178	3823	0.41	ng/ul	100
15) Fluoranthene	19.13	202	4484	0.40	ng/ul	100
17) Pyrene	19.49	202	4572	0.41	ng/ul	100
18) Benzo(a)anthracene	21.23	228	3715	0.42	ng/ul	100
19) Chrysene	21.28	228	3980	0.40	ng/ul	100
21) Benzo(b)fluoranthene	22.80	252	3741	0.41	ng/ul	100
22) Benzo(k)fluoranthene	22.85	252	3774	0.41	ng/ul	100
23) Benzo(a)pyrene	23.37	252	3436	0.40	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.70	276	3952	0.41	ng/ul	100
25) Dibenzo(a,h)anthracene	25.73	278	3202	0.42	ng/ul	100
26) Benzo(g,h,i)perylene	26.39	276	3501	0.41	ng/ul	100

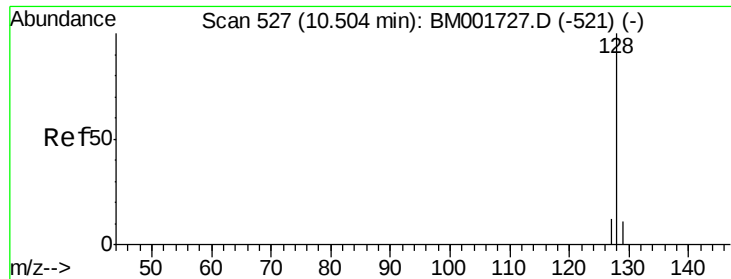
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061815\
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
SSTD0.406

Quant Time: Jun 18 04:23:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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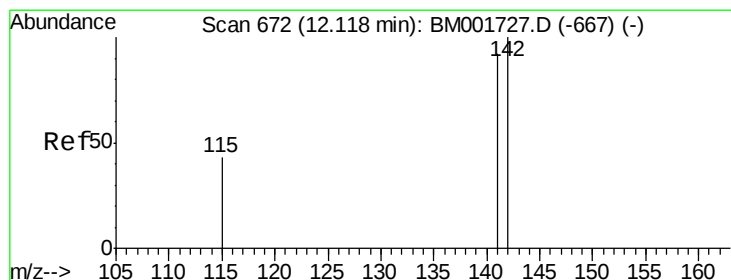
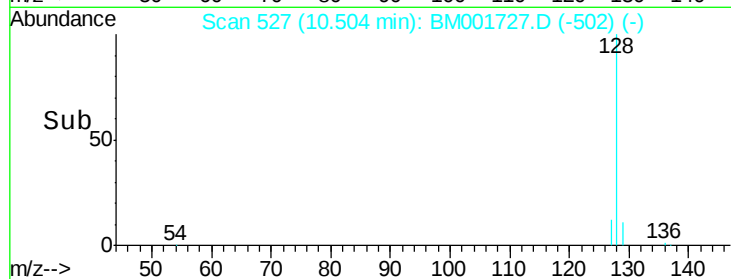
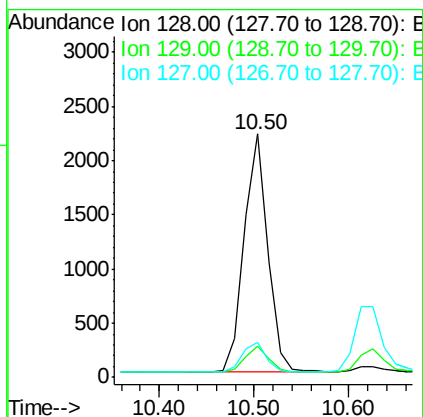
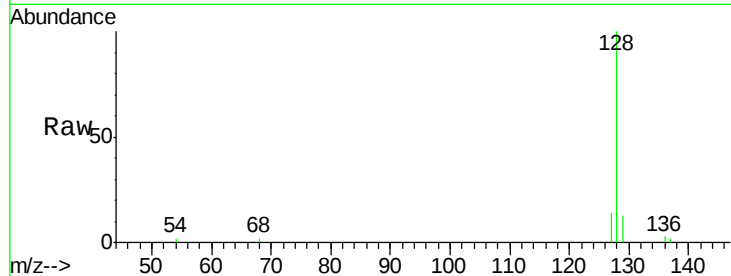




#3
Naphthalene
Concen: 0.42 ng/ul
RT: 10.50 min Scan# 527
Delta R.T. 0.00 min
Lab File: BM001727.D
Acq: 17 Jun 2015 20:39

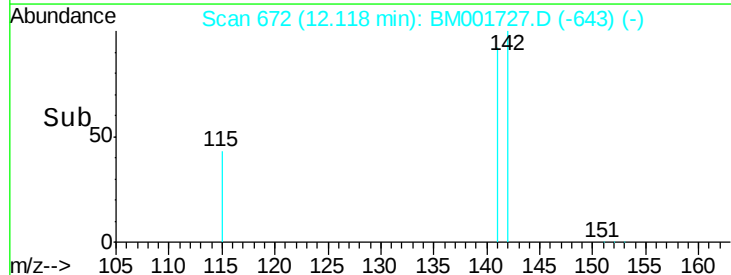
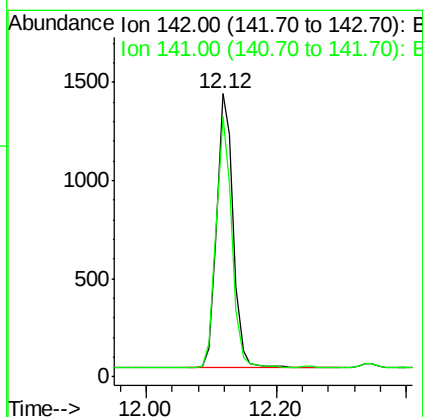
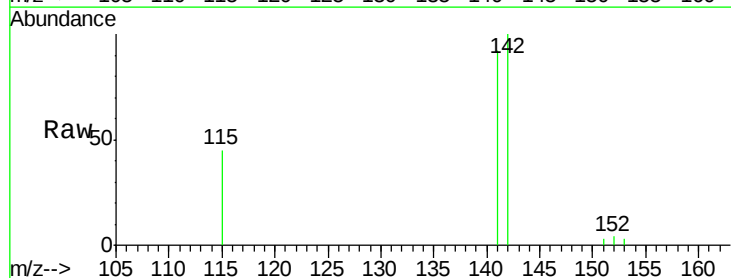
Instrument :
BNA_M
ClientSampleId :
SSTD0.406

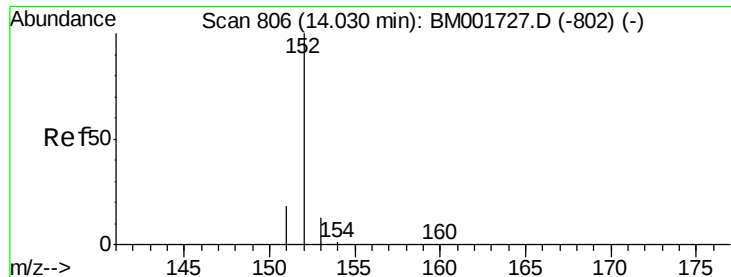
Tgt Ion:128 Resp: 3799
Ion Ratio Lower Upper
128 100
129 12.9 10.3 15.5
127 14.1 11.3 16.9



#5
2-Methylnaphthalene
Concen: 0.40 ng/ul
RT: 12.12 min Scan# 672
Delta R.T. 0.00 min
Lab File: BM001727.D
Acq: 17 Jun 2015 20:39

Tgt Ion:142 Resp: 2404
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3





#7

Acenaphthylene

Concen: 0.43 ng/ul

RT: 14.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.406

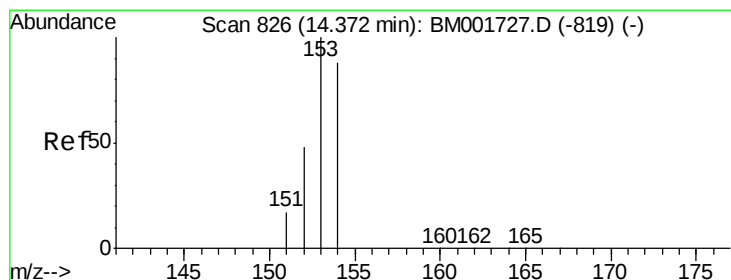
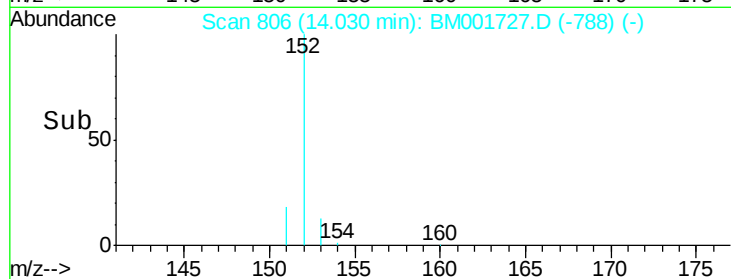
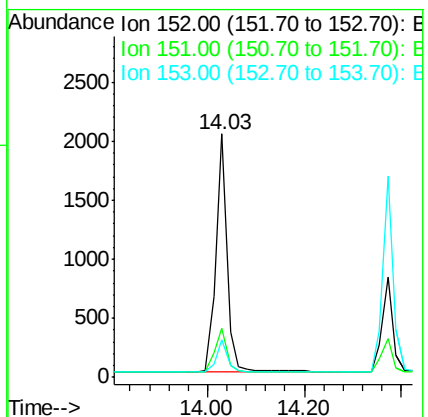
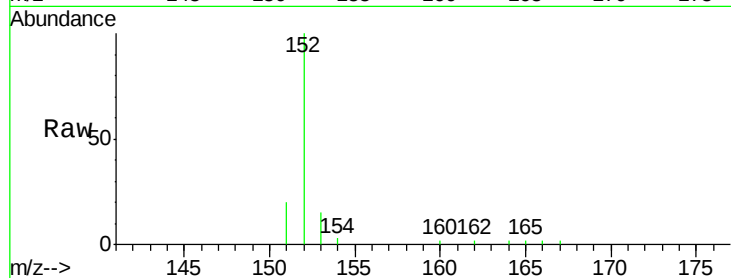
Tgt Ion:152 Resp: 3210

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 15.2 12.2 18.2



#8

Acenaphthene

Concen: 0.42 ng/ul

RT: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

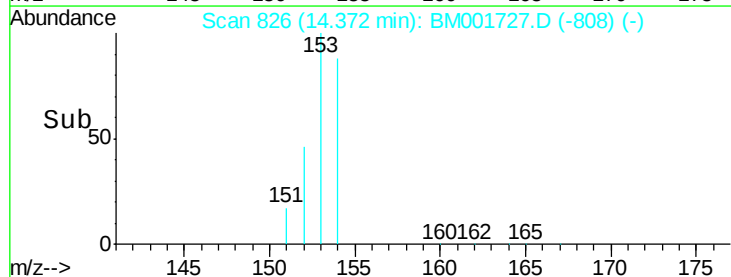
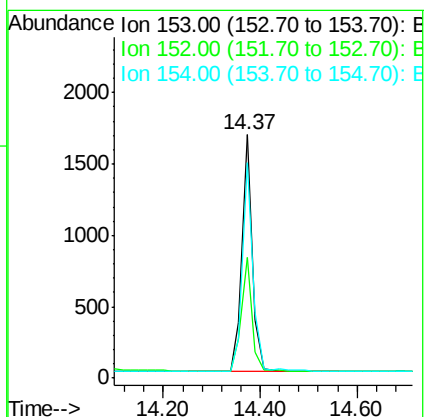
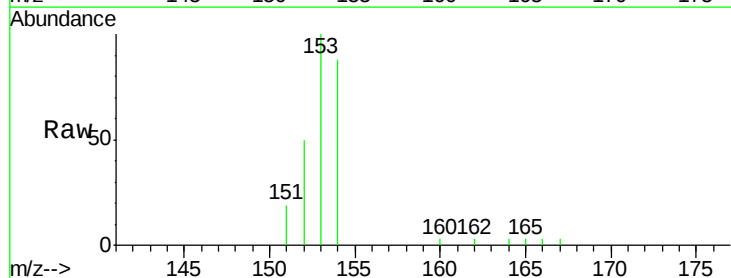
Tgt Ion:153 Resp: 2463

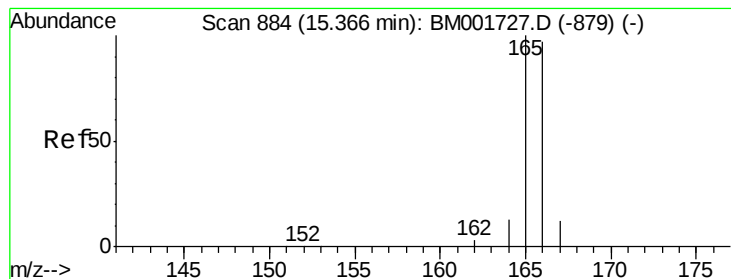
Ion Ratio Lower Upper

153 100

152 49.5 39.6 59.4

154 88.4 70.7 106.1





#9

Fluorene

Concen: 0.42 ng/ul

RT: 15.37 min Scan# 884

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.406

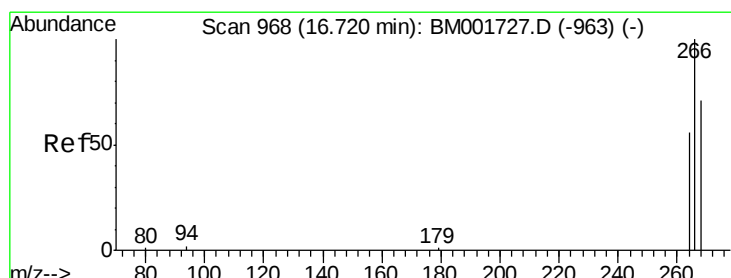
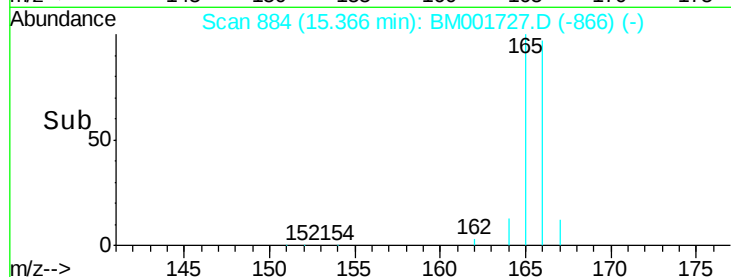
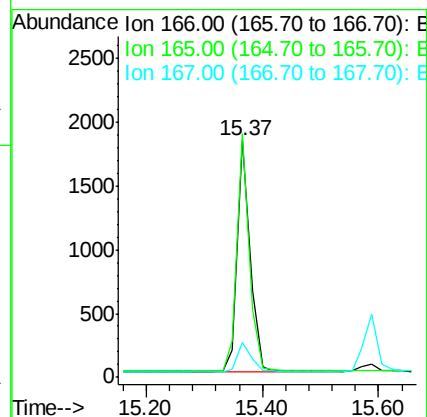
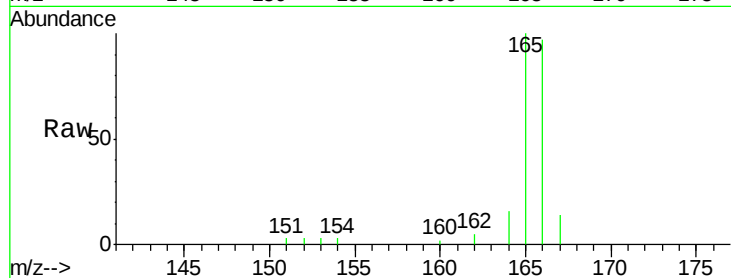
Tgt Ion:166 Resp: 2752

Ion Ratio Lower Upper

166 100

165 102.8 82.2 123.4

167 14.9 11.9 17.9



#11

Pentachlorophenol

Concen: 0.37 ng/ul

RT: 16.72 min Scan# 968

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

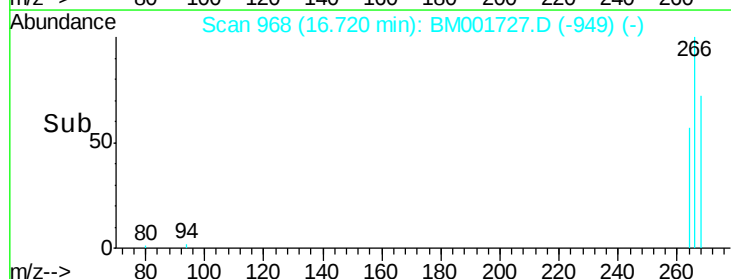
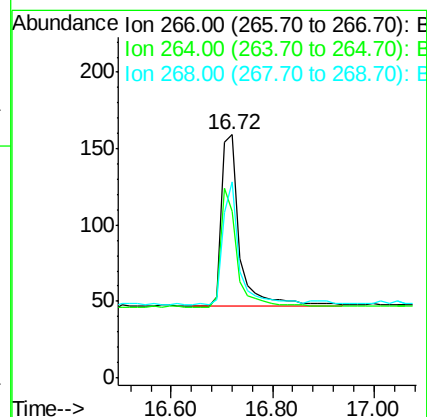
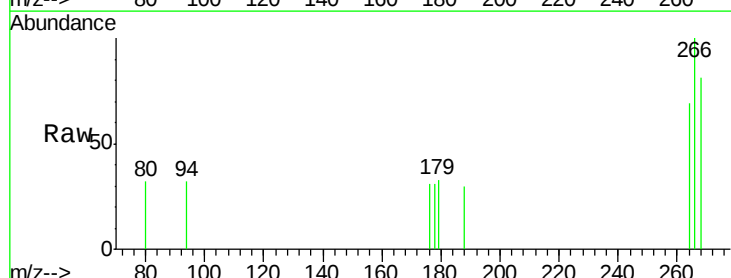
Tgt Ion:266 Resp: 286

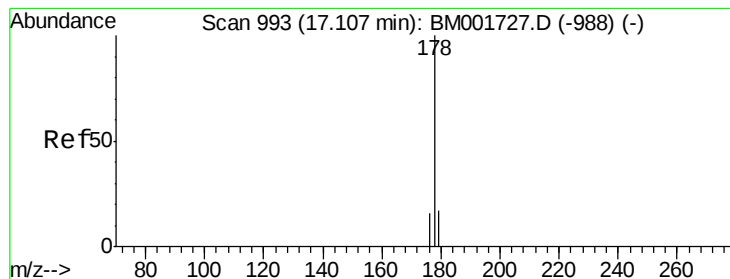
Ion Ratio Lower Upper

266 100

264 63.6 50.7 76.1

268 63.3 50.5 75.7





#12

Phenanthrene

Concen: 0.41 ng/ul

RT: 17.11 min Scan# 993

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.406

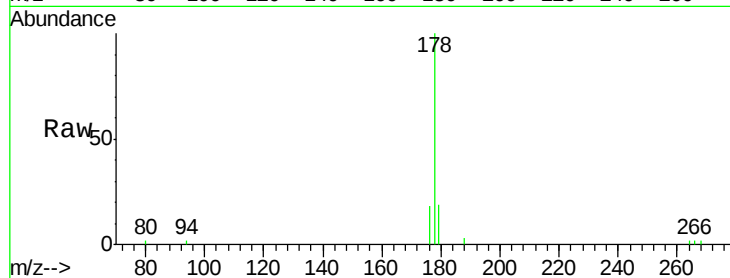
Tgt Ion:178 Resp: 4197

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

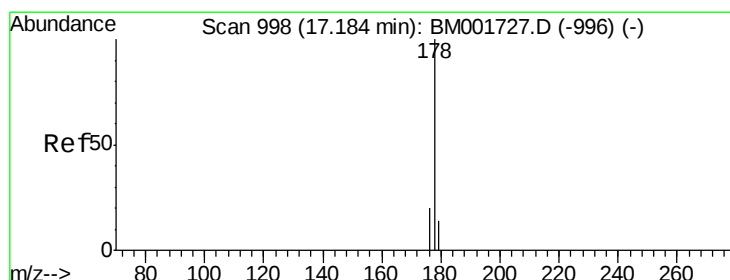
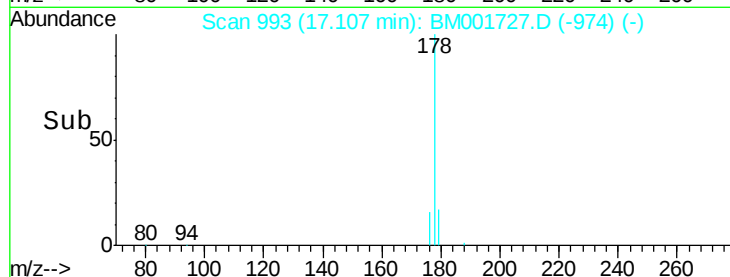
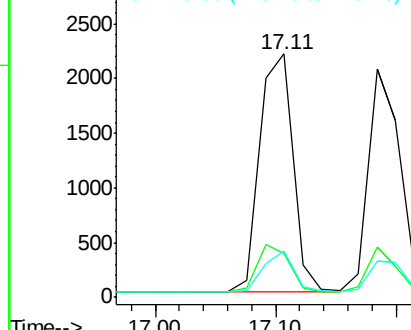
179 18.8 15.0 22.6



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



#13

Anthracene

Concen: 0.41 ng/ul

RT: 17.18 min Scan# 998

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

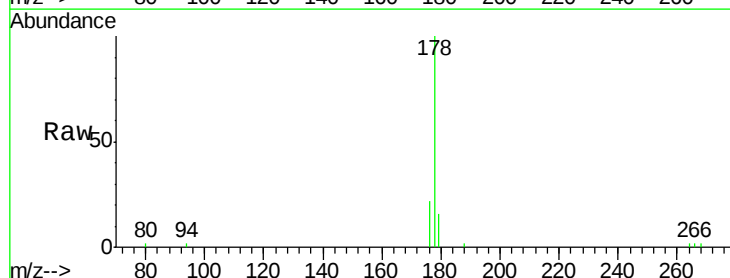
Tgt Ion:178 Resp: 3823

Ion Ratio Lower Upper

178 100

176 22.3 17.8 26.8

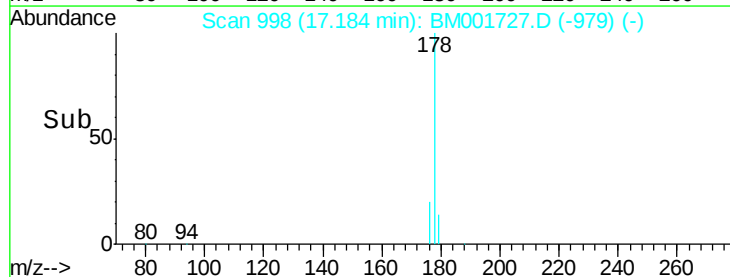
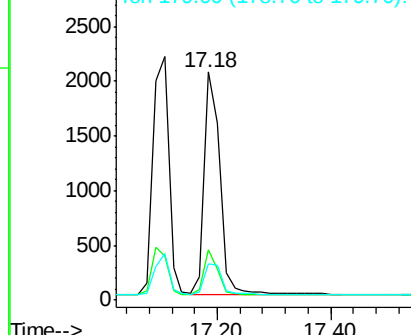
179 15.7 12.6 18.8

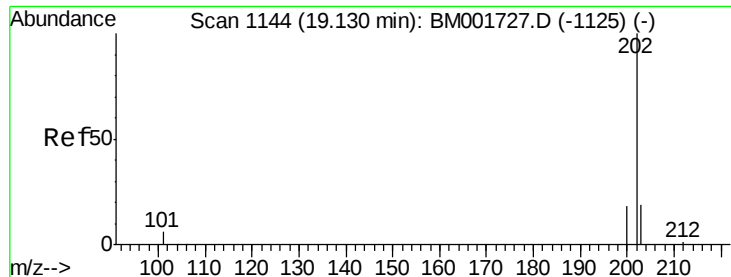


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

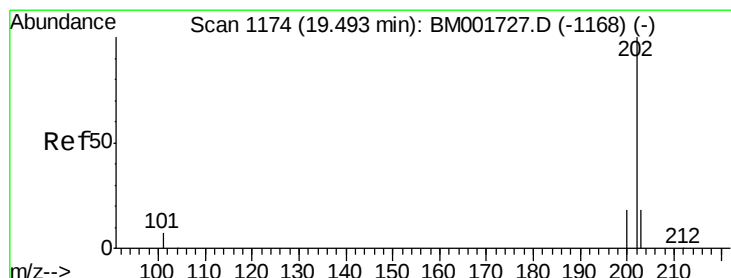
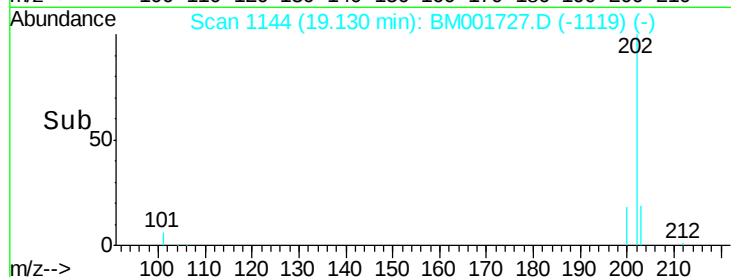
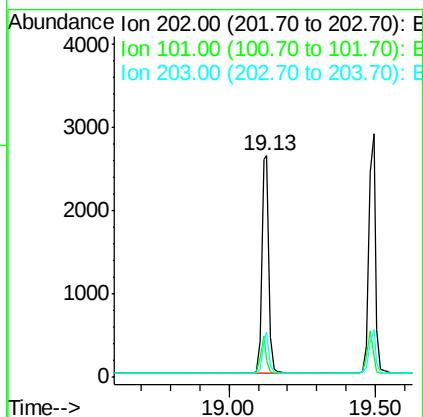
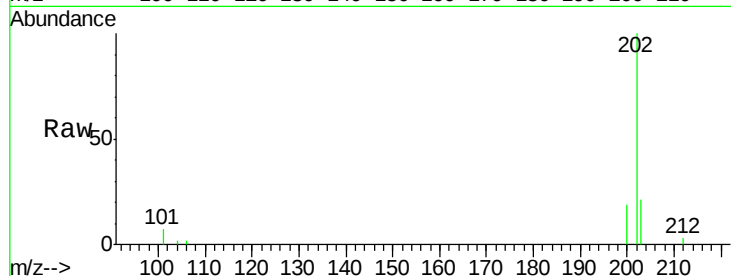




#15
Fluoranthene
Concen: 0.40 ng/ul
RT: 19.13 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BM001727.D
Acq: 17 Jun 2015 20:39

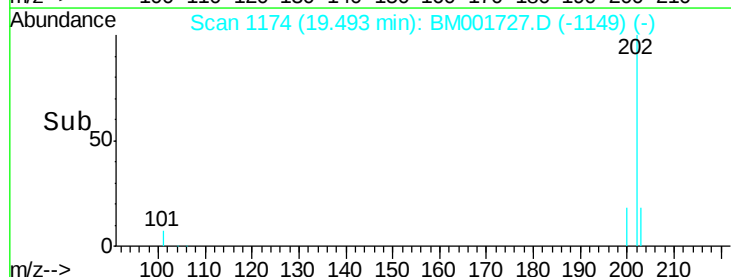
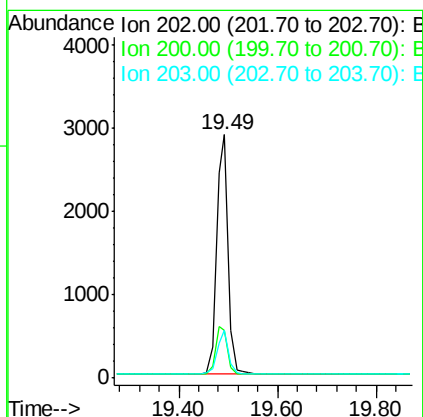
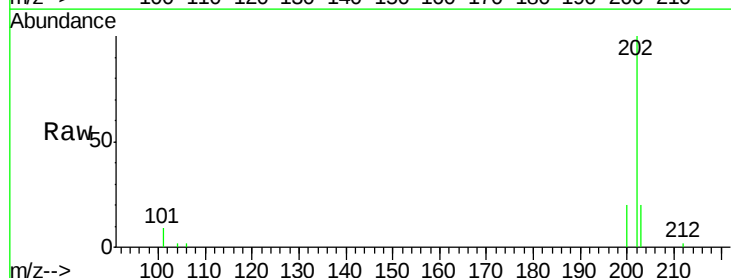
Instrument :
BNA_M
ClientSampleId :
SSTD0.406

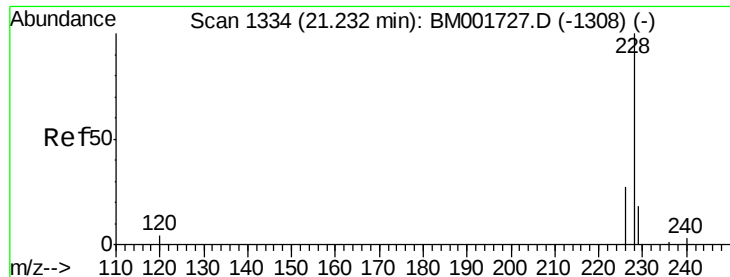
Tgt Ion:202 Resp: 4484
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.5
203 20.7 0.7 40.7



#17
Pyrene
Concen: 0.41 ng/ul
RT: 19.49 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BM001727.D
Acq: 17 Jun 2015 20:39

Tgt Ion:202 Resp: 4572
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 19.8 15.8 23.8





#18

Benzo(a)anthracene

Concen: 0.42 ng/ul

RT: 21.23 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.406

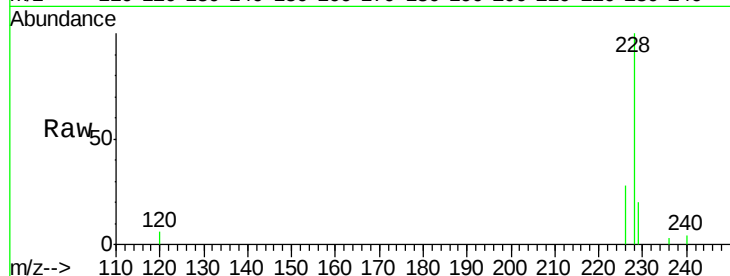
Tgt Ion:228 Resp: 3715

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

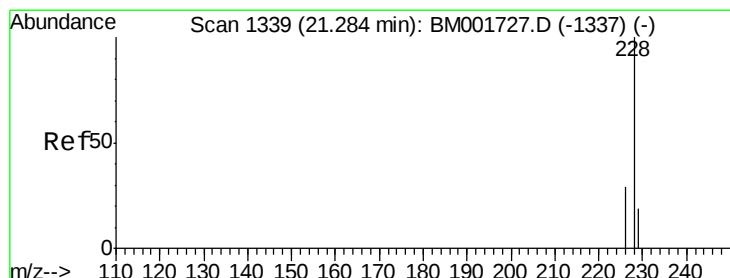
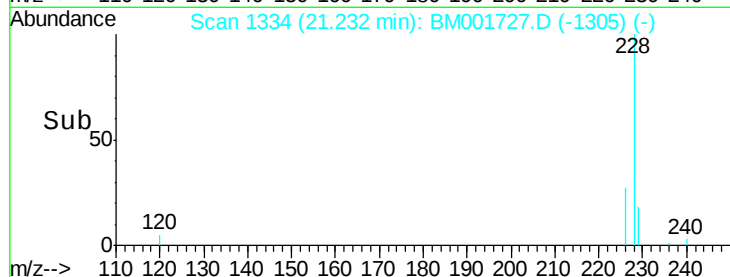
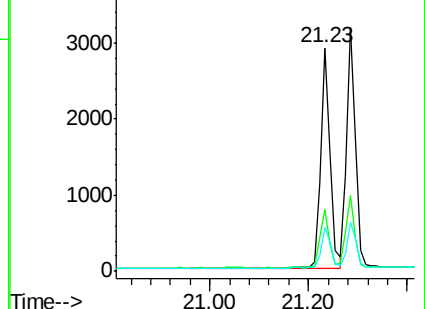
229 19.8 15.8 23.8



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



#19

Chrysene

Concen: 0.40 ng/ul

RT: 21.28 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

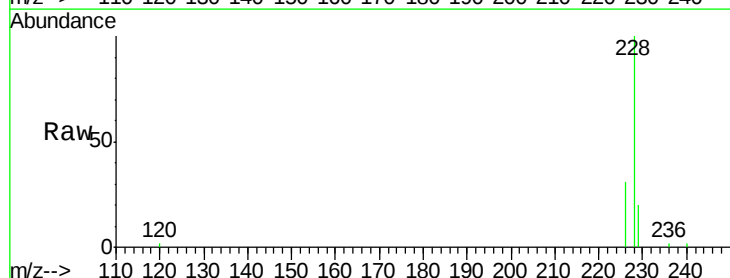
Tgt Ion:228 Resp: 3980

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

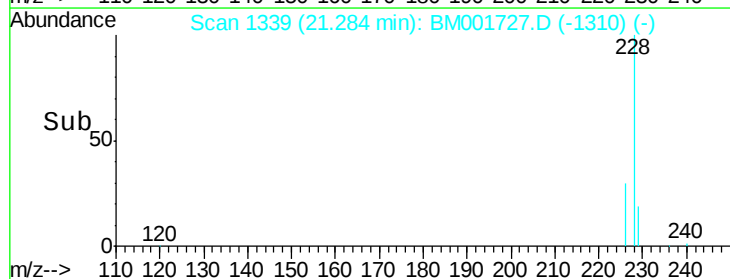
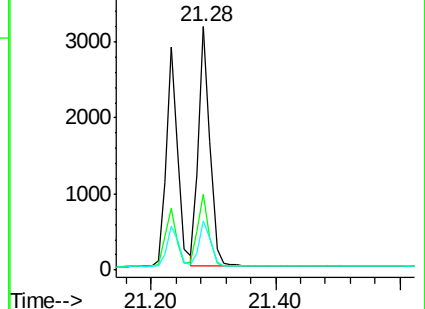
229 20.0 16.0 24.0

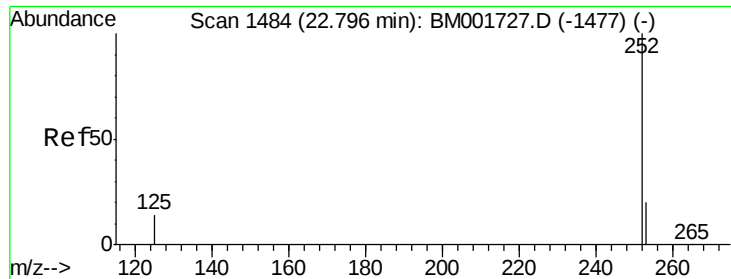


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.41 ng/ul

RT: 22.80 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.406

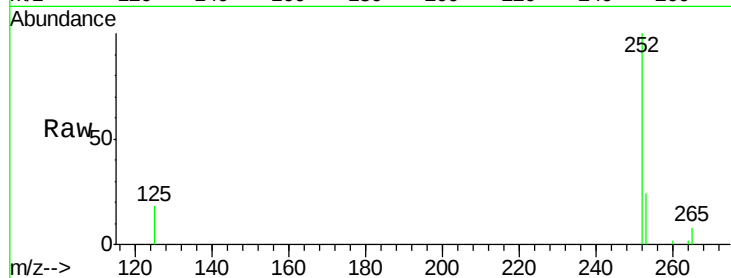
Tgt Ion:252 Resp: 3741

Ion Ratio Lower Upper

252 100

253 24.2 0.0 48.4

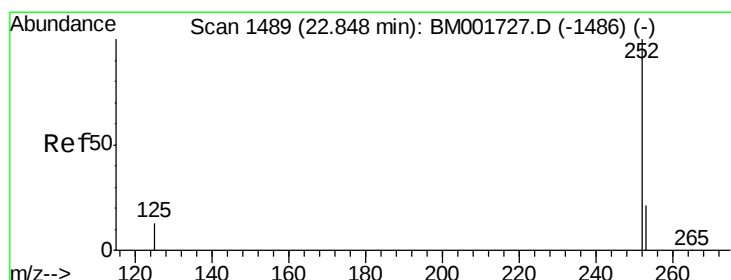
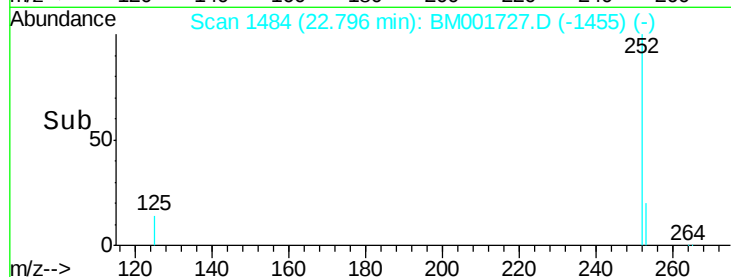
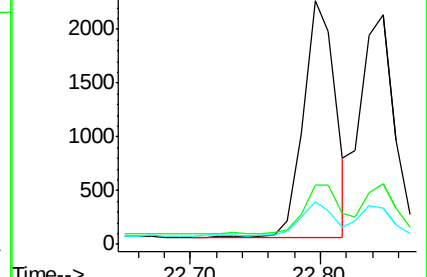
125 17.6 0.0 35.2



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: 0.41 ng/ul

RT: 22.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

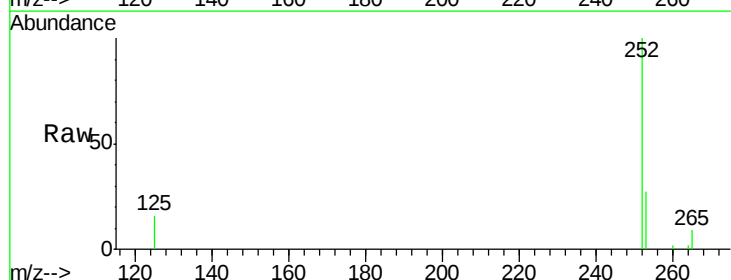
Tgt Ion:252 Resp: 3774

Ion Ratio Lower Upper

252 100

253 26.5 21.2 31.8

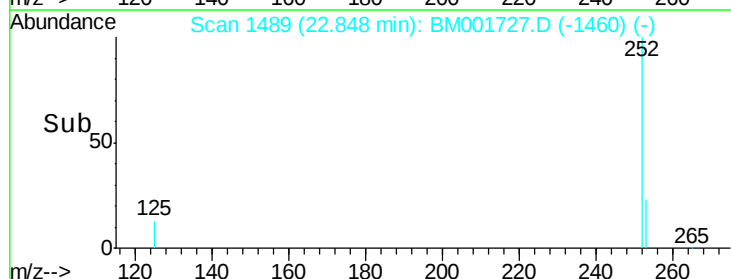
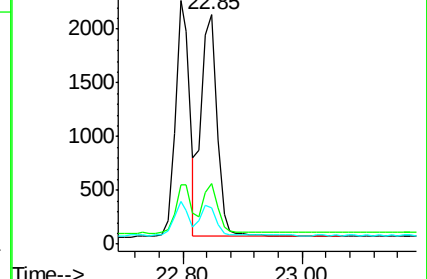
125 15.9 12.7 19.1

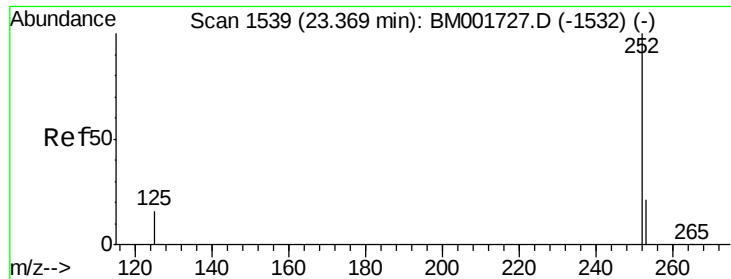


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.37 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.406

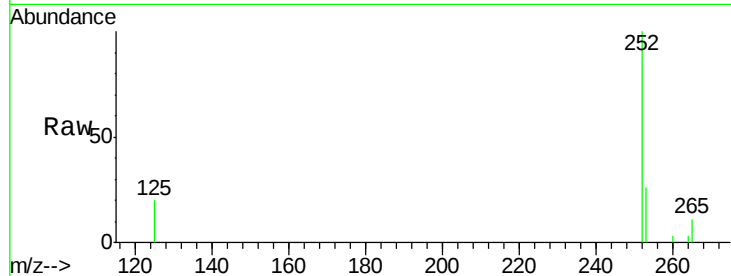
Tgt Ion:252 Resp: 3436

Ion Ratio Lower Upper

252 100

253 26.4 21.1 31.7

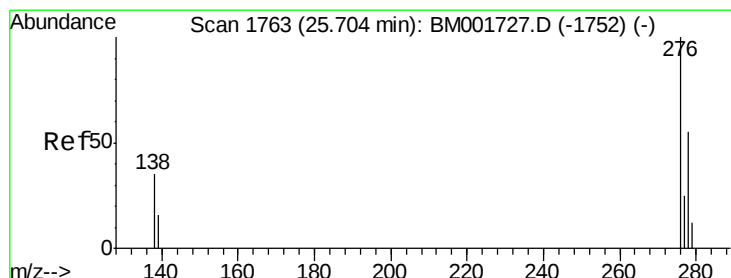
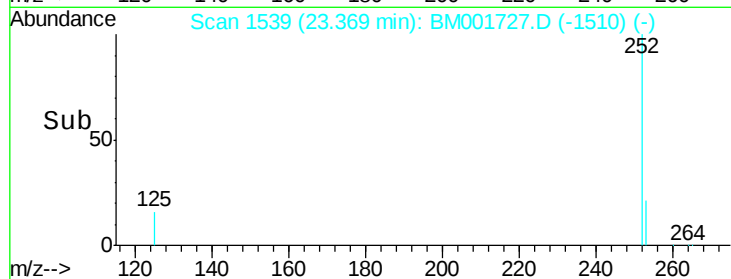
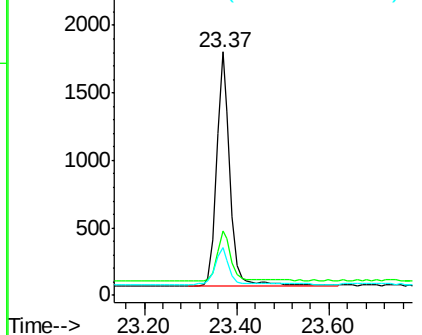
125 19.5 15.6 23.4



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: 0.41 ng/ul

RT: 25.70 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM001727.D

Acq: 17 Jun 2015 20:39

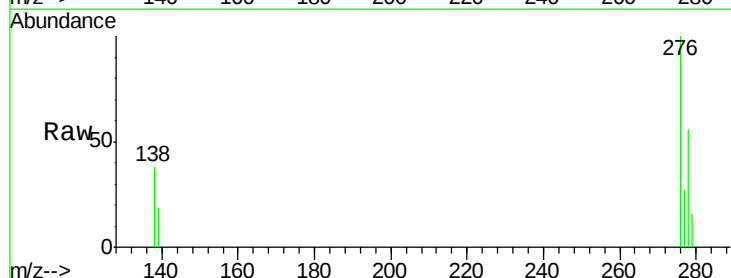
Tgt Ion:276 Resp: 3952

Ion Ratio Lower Upper

276 100

138 35.0 28.2 42.2

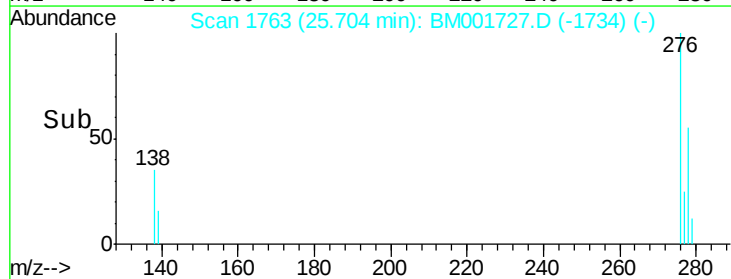
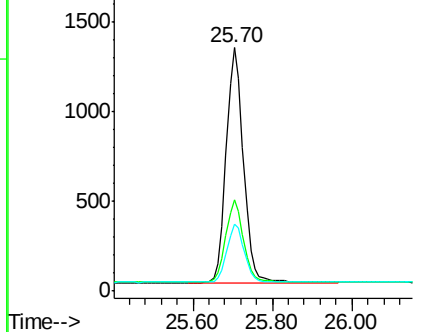
277 25.1 20.2 30.2

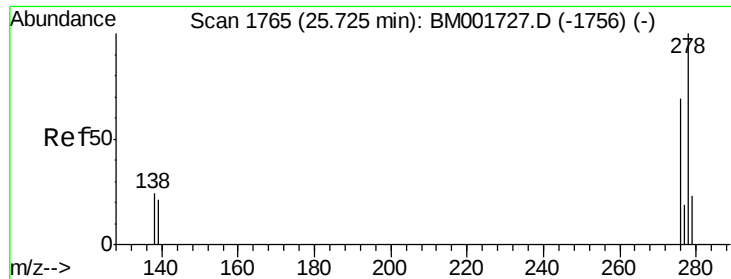


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



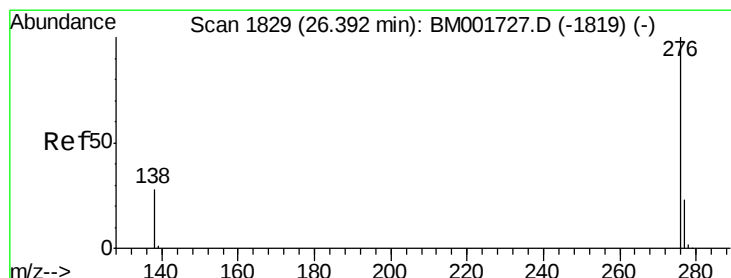
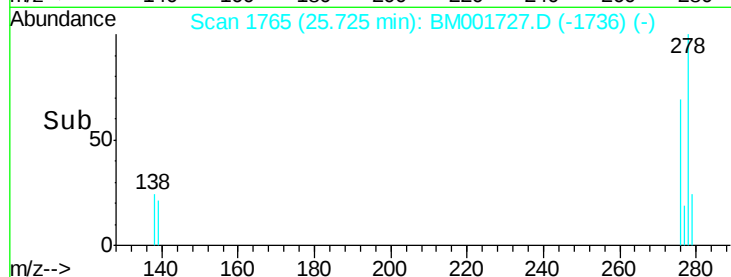
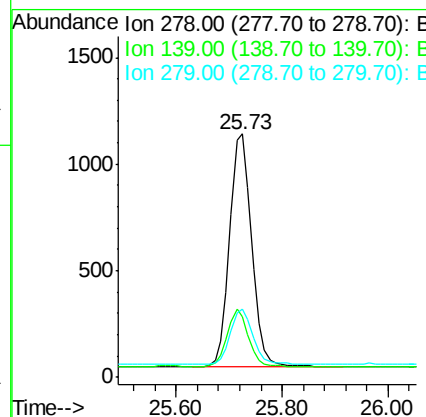
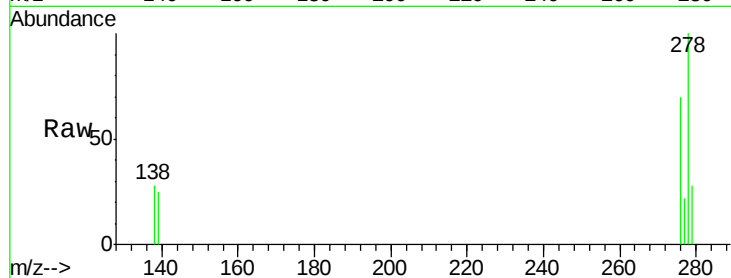


#25
Dibenzo(a,h)anthracene
Concen: 0.42 ng/ul
RT: 25.73 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BM001727.D
Acq: 17 Jun 2015 20:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.406

Tgt Ion: 278 Resp: 3202

Ion	Ratio	Lower	Upper
278	100		
139	25.1	20.1	30.1
279	28.2	22.6	33.8



#26
Benzo(g,h,i)perylene
Concen: 0.41 ng/ul
RT: 26.39 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BM001727.D
Acq: 17 Jun 2015 20:39

Tgt Ion: 276 Resp: 3501

Ion	Ratio	Lower	Upper
276	100		
277	26.4	21.1	31.7
138	31.6	25.3	37.9

