

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061115\
 Data File : BM001638.D
 Acq On : 10 Jun 2015 22:45
 Operator : TP/IZ
 Sample : SSTD0.487
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.487

Quant Time: Jun 11 07:47:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 07:43:01 2015
 Response via : Initial Calibration

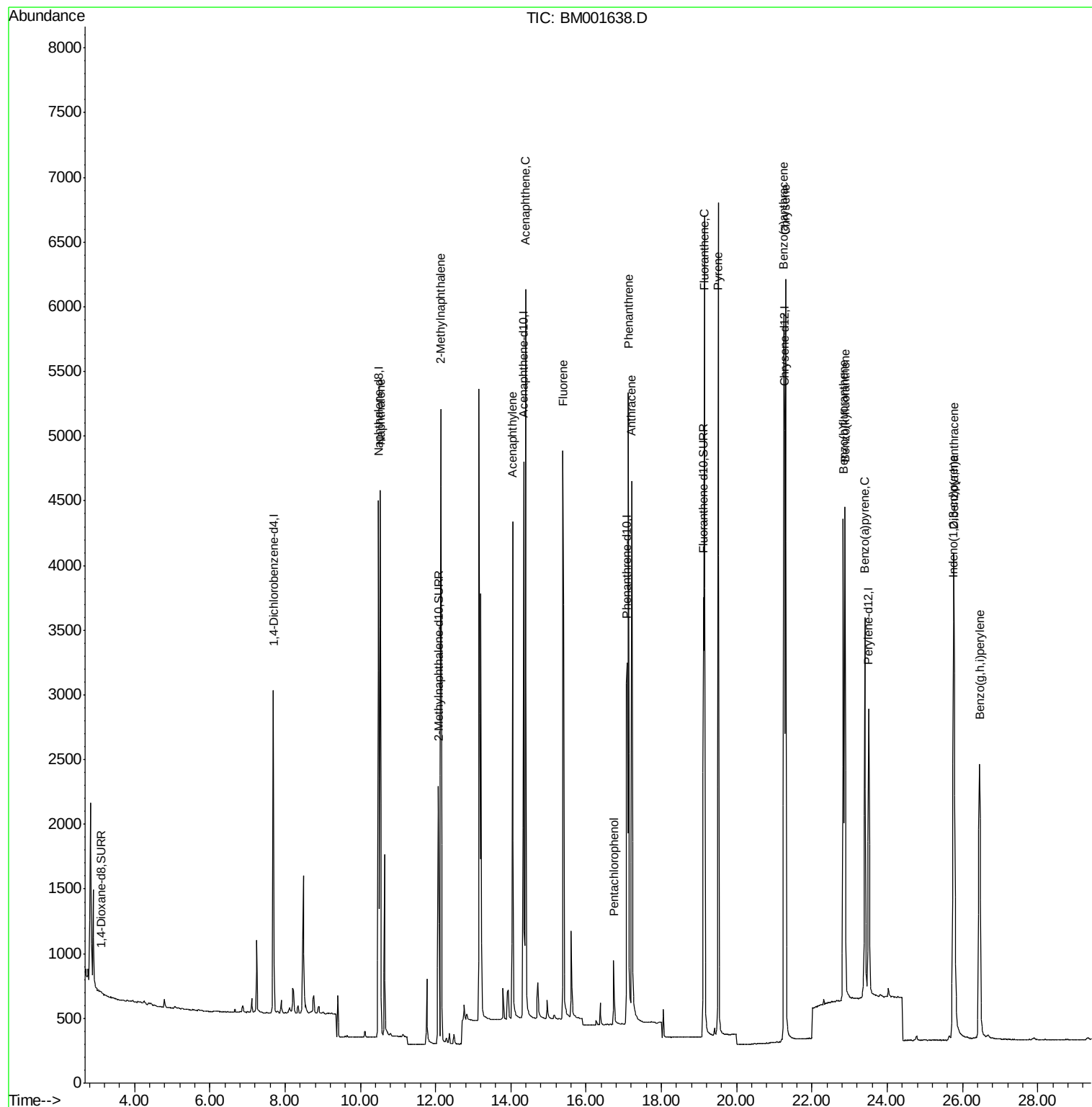
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1623	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	5620	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.34	164	2531	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.09	188	4944	0.40	ng/ul	0.00
18) Chrysene-d12	21.27	240	3847	0.40	ng/ul	0.00
22) Perylene-d12	23.50	264	3357	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.10	96	10	0.01	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.08	152	2718	0.40	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	3993	0.45	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.53	128	6006	0.42	ng/ul	100
7) 2-Methylnaphthalene	12.14	142	3721	0.40	ng/ul	100
9) Acenaphthylene	14.05	152	4804	0.40	ng/ul	100
10) Acenaphthene	14.39	153	3670	0.39	ng/ul	100
11) Fluorene	15.38	166	3907	0.38	ng/ul	100
13) Pentachlorophenol	16.73	266	397	0.66	ng/ul	100
14) Phenanthrene	17.12	178	5740	0.41	ng/ul	100
15) Anthracene	17.21	178	5375	0.43	ng/ul	100
17) Fluoranthene	19.14	202	6150	0.43	ng/ul	100
19) Pyrene	19.51	202	6195	0.39	ng/ul	100
20) Benzo(a)anthracene	21.25	228	5008	0.45	ng/ul	100
21) Chrysene	21.31	228	5440	0.43	ng/ul	100
23) Benzo(b)fluoranthene	22.83	252	5554	0.47	ng/ul	100
24) Benzo(k)fluoranthene	22.88	252	4606	0.37	ng/ul	100
25) Benzo(a)pyrene	23.41	252	4707	0.42	ng/ul	100
26) Indeno(1,2,3-cd)pyrene	25.76	276	5137	0.43	ng/ul	100
27) Dibenzo(a,h)anthracene	25.78	278	4084	0.43	ng/ul	100
28) Benzo(g,h,i)perylene	26.45	276	4684	0.45	ng/ul	100

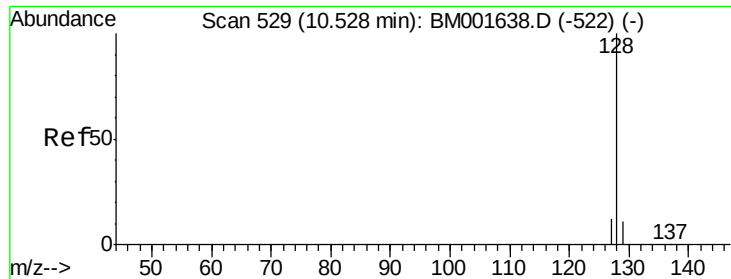
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.42 ng/ul

RT: 10.53 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM001638.D

Acq: 10 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.487

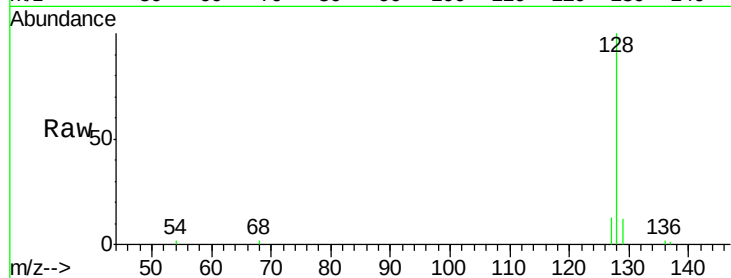
Tgt Ion:128 Resp: 6006

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.8

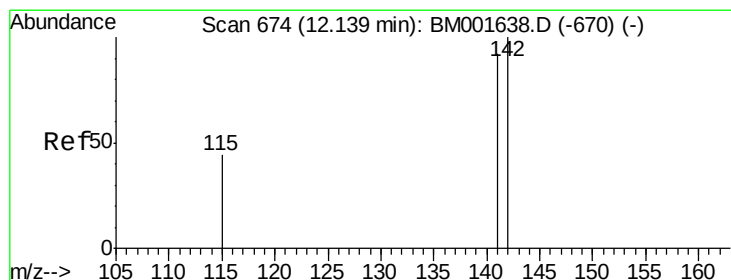
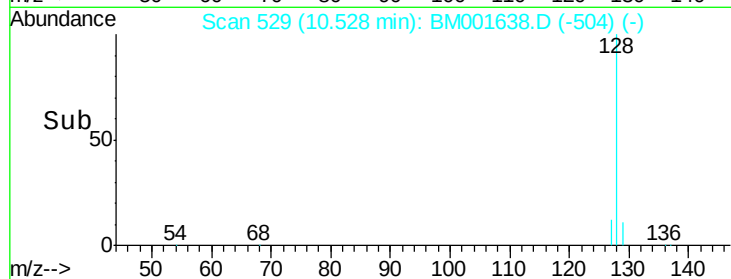
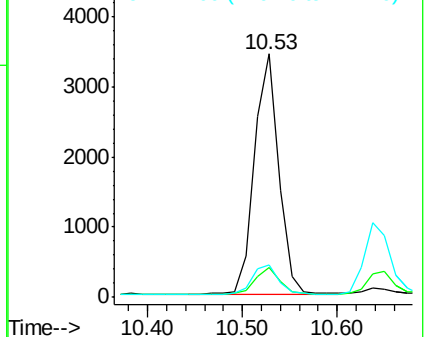
127 13.4 10.7 16.1



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: 0.40 ng/ul

RT: 12.14 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM001638.D

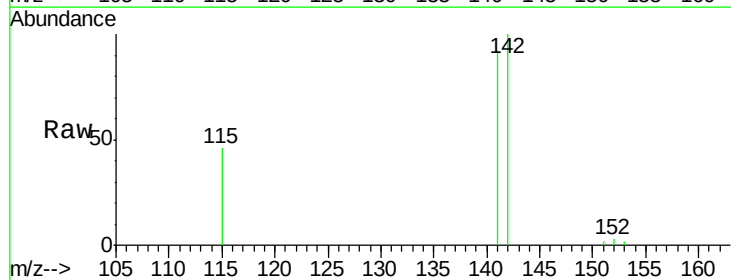
Acq: 10 Jun 2015 22:45

Tgt Ion:142 Resp: 3721

Ion Ratio Lower Upper

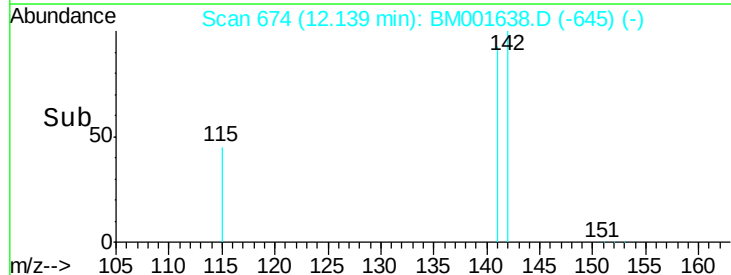
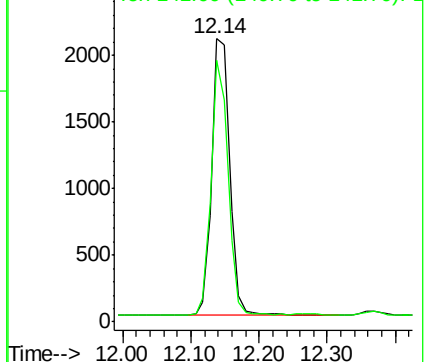
142 100

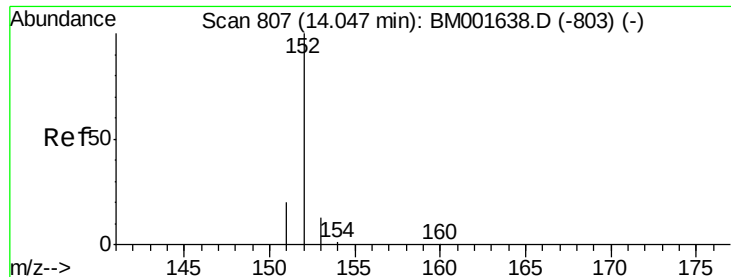
141 87.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.05 min Scan# 807

Delta R.T. 0.00 min

Lab File: BM001638.D

Acq: 10 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.487

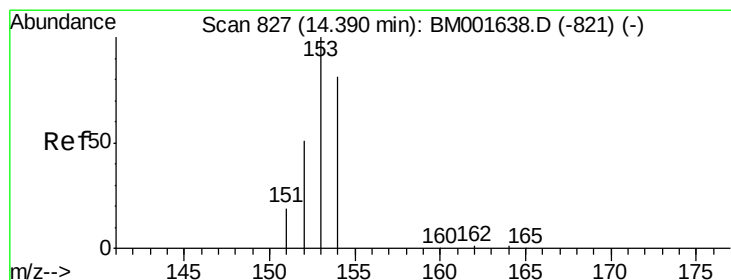
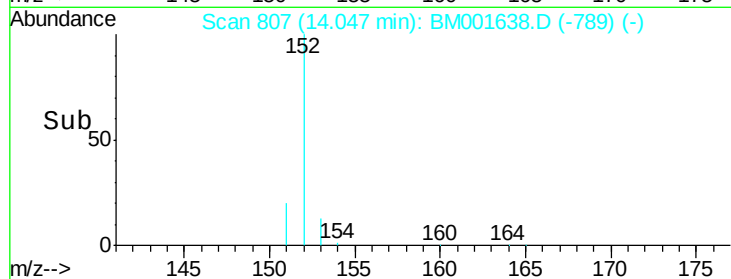
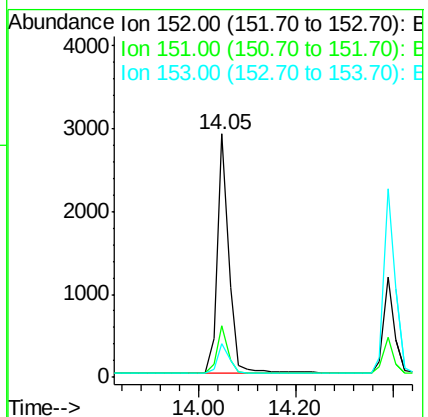
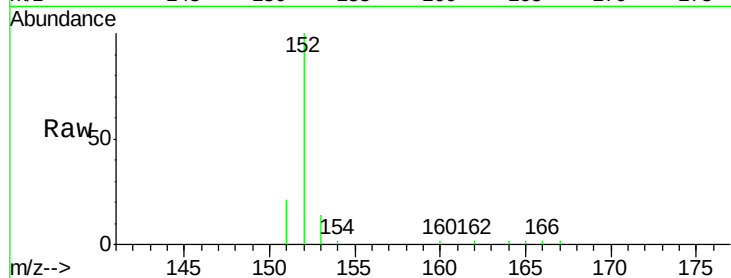
Tgt Ion:152 Resp: 4804

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 14.1 11.3 16.9



#10

Acenaphthene

Concen: 0.39 ng/ul

RT: 14.39 min Scan# 827

Delta R.T. 0.00 min

Lab File: BM001638.D

Acq: 10 Jun 2015 22:45

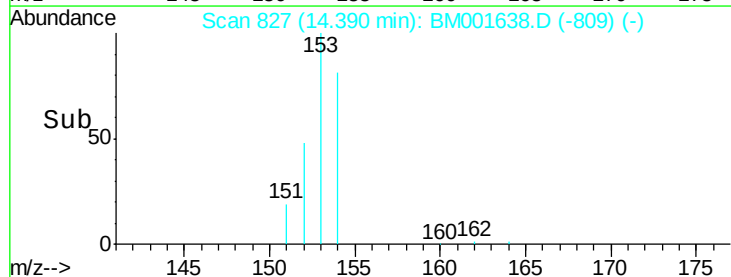
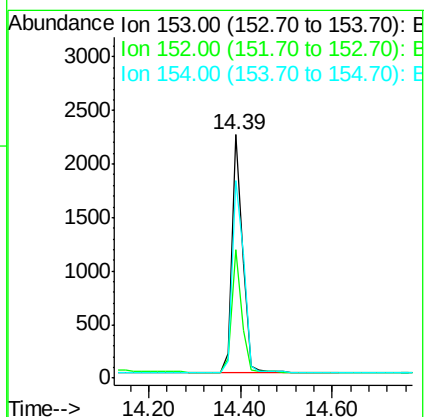
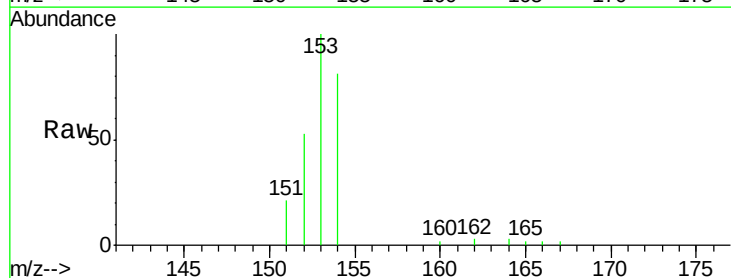
Tgt Ion:153 Resp: 3670

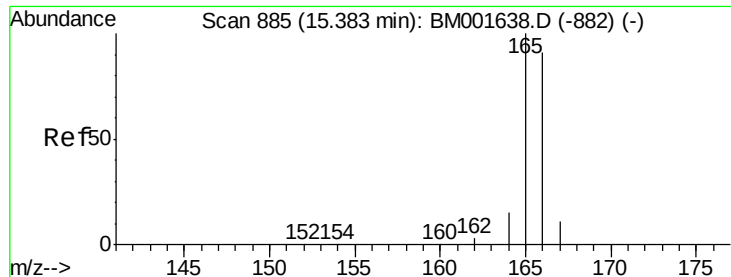
Ion Ratio Lower Upper

153 100

152 52.9 42.3 63.5

154 80.9 64.7 97.1

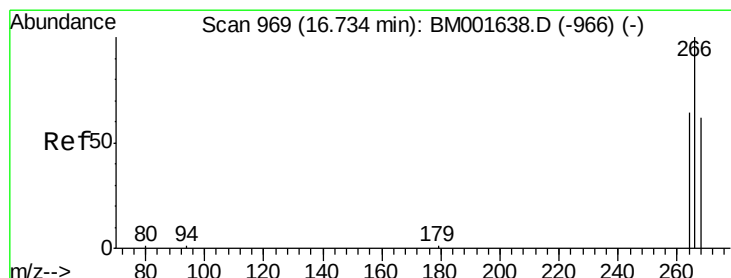
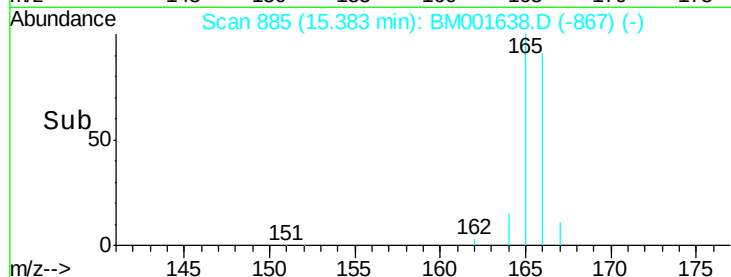
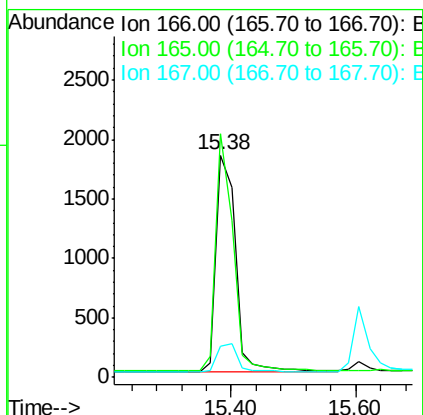
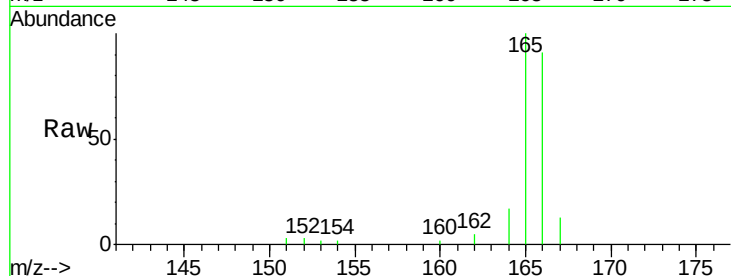




#11
 Fluorene
 Concen: 0.38 ng/ul
 RT: 15.38 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BM001638.D
 Acq: 10 Jun 2015 22:45

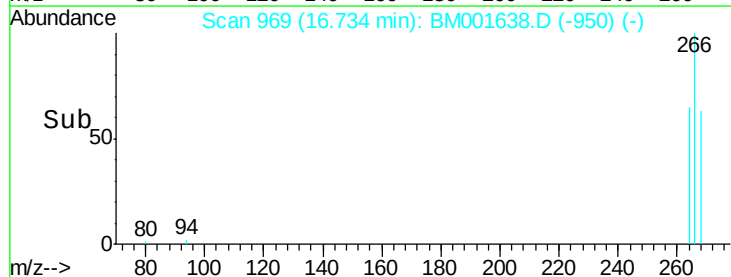
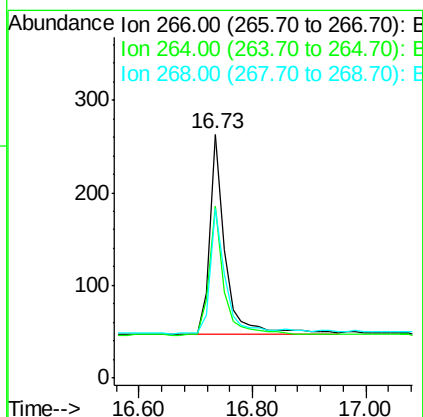
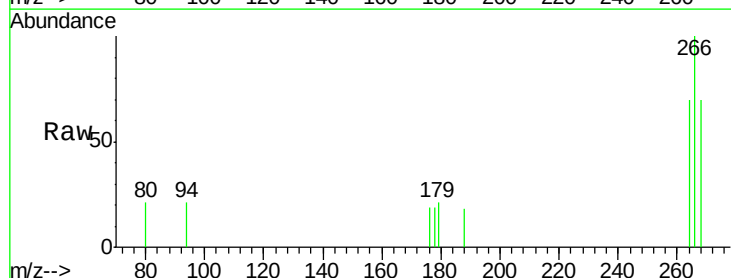
Instrument :
 BNA_M
 ClientSampleId :
 SST0.487

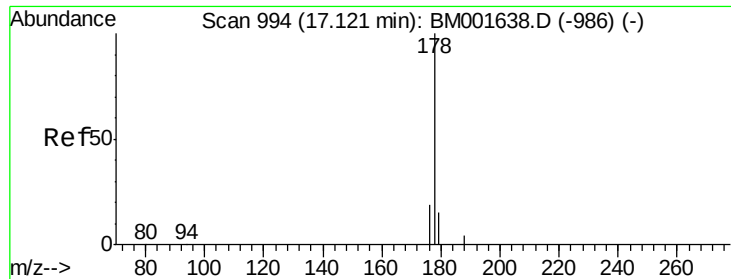
Tgt Ion:166 Resp: 3907
 Ion Ratio Lower Upper
 166 100
 165 109.5 87.6 131.4
 167 13.9 11.1 16.7



#13
 Pentachlorophenol
 Concen: 0.66 ng/ul
 RT: 16.73 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM001638.D
 Acq: 10 Jun 2015 22:45

Tgt Ion:266 Resp: 397
 Ion Ratio Lower Upper
 266 100
 264 66.8 53.5 80.3
 268 68.0 54.2 81.2

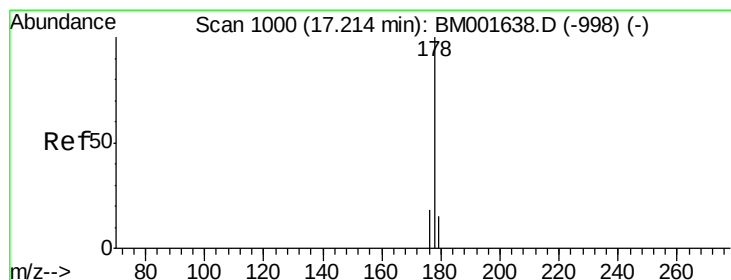
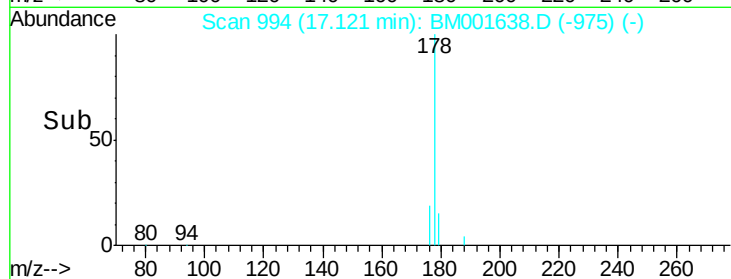
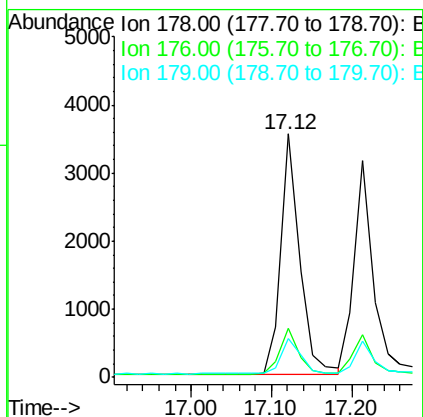
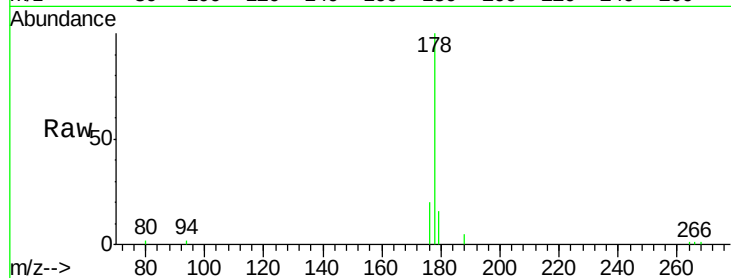




#14
Phenanthrene
Concen: 0.41 ng/ul
RT: 17.12 min Scan# 994
Delta R.T. 0.00 min
Lab File: BM001638.D
Acq: 10 Jun 2015 22:45

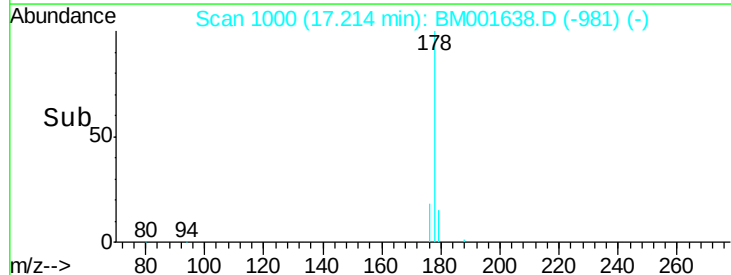
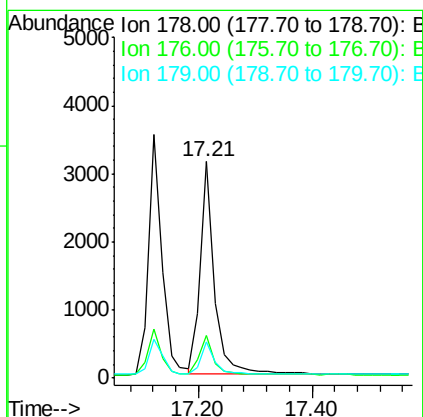
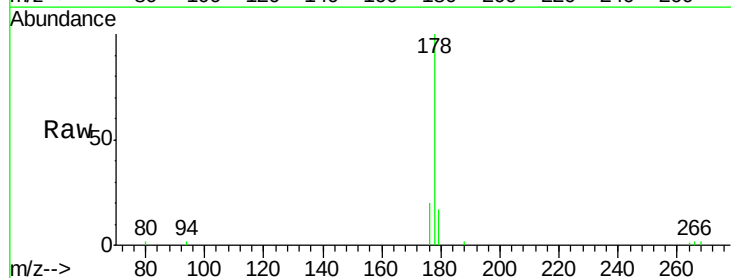
Instrument :
BNA_M
ClientSampleId :
SSTD0.487

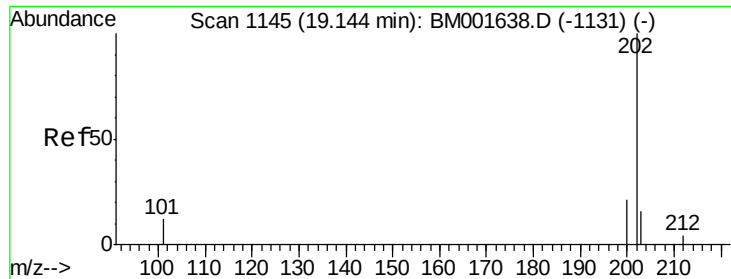
Tgt Ion:178 Resp: 5740
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.0 12.8 19.2



#15
Anthracene
Concen: 0.43 ng/ul
RT: 17.21 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BM001638.D
Acq: 10 Jun 2015 22:45

Tgt Ion:178 Resp: 5375
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.6 13.3 19.9

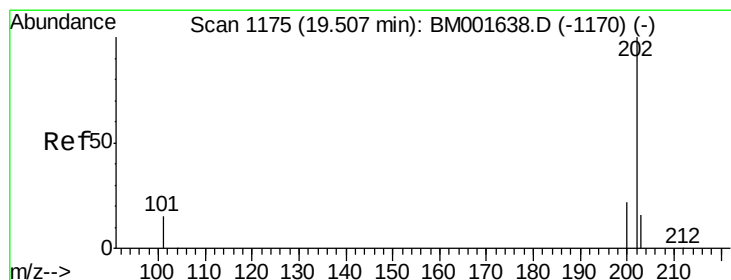
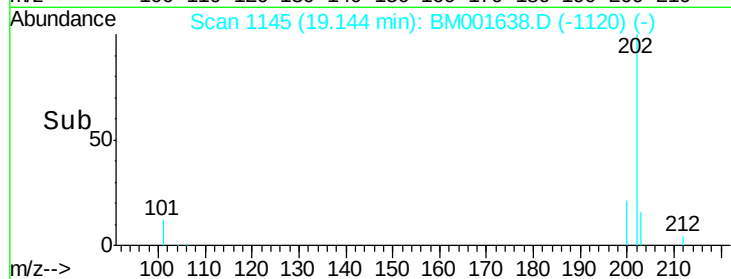
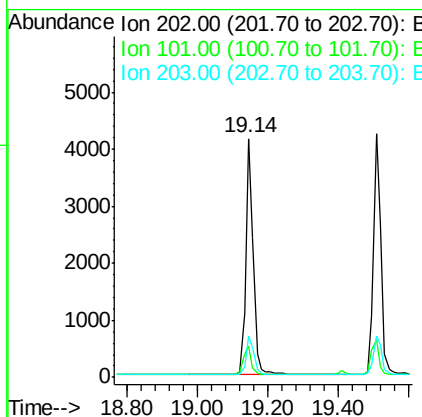
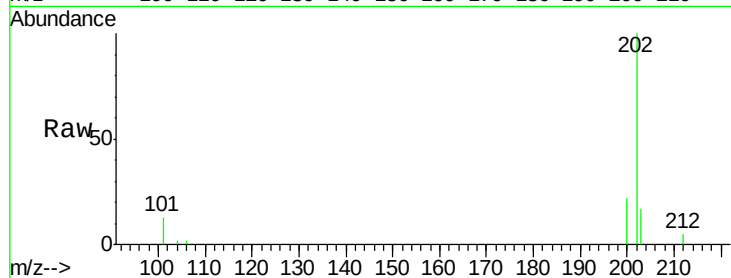




#17
Fluoranthene
Concen: 0.43 ng/ul
RT: 19.14 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BM001638.D
Acq: 10 Jun 2015 22:45

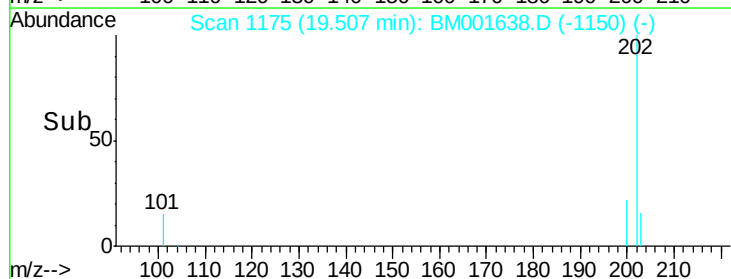
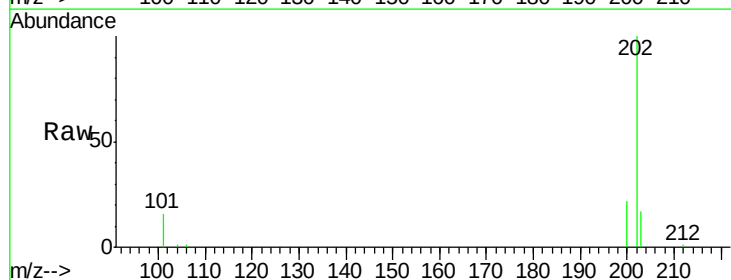
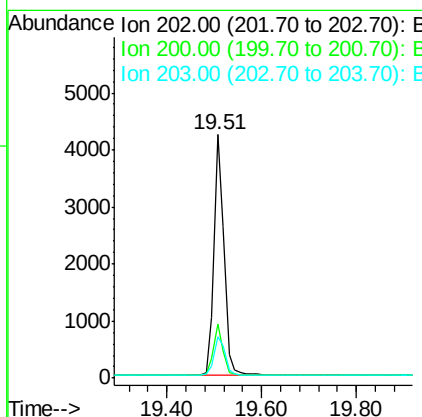
Instrument :
BNA_M
ClientSampleId :
SSTD0.487

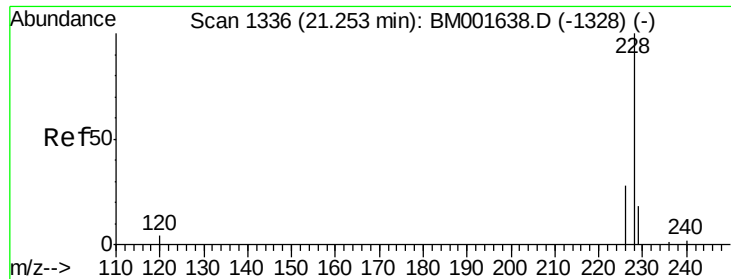
Tgt Ion:202 Resp: 6150
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.1
203 17.2 0.0 37.2



#19
Pyrene
Concen: 0.39 ng/ul
RT: 19.51 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BM001638.D
Acq: 10 Jun 2015 22:45

Tgt Ion:202 Resp: 6195
Ion Ratio Lower Upper
202 100
200 22.5 18.0 27.0
203 17.2 13.8 20.6





#20

Benzo(a)anthracene

Concen: 0.45 ng/ul

RT: 21.25 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM001638.D

Acq: 10 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.487

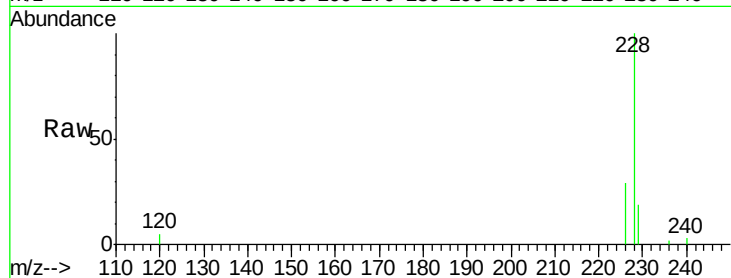
Tgt Ion:228 Resp: 5008

Ion Ratio Lower Upper

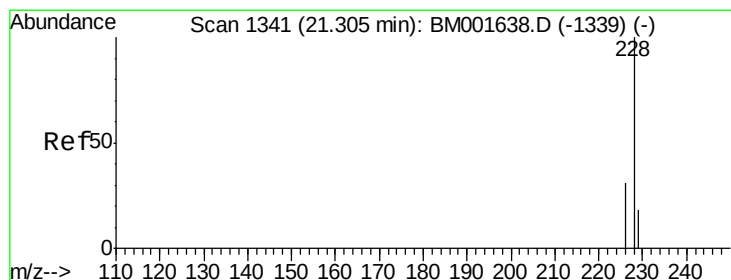
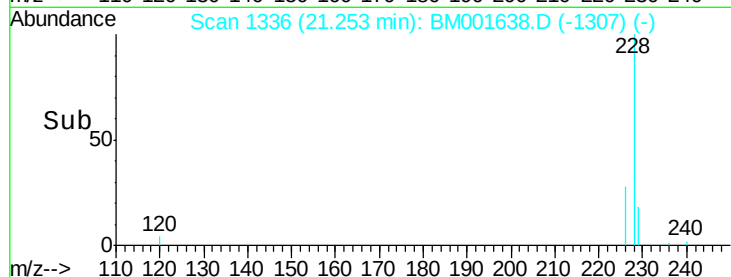
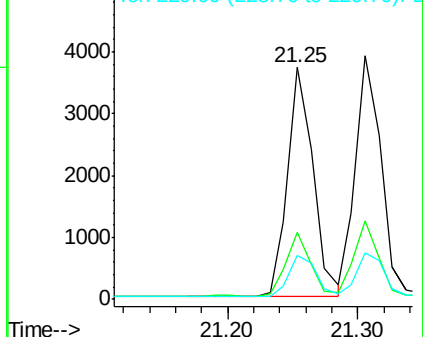
228 100

226 28.7 23.0 34.4

229 19.0 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: 0.43 ng/ul

RT: 21.31 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BM001638.D

Acq: 10 Jun 2015 22:45

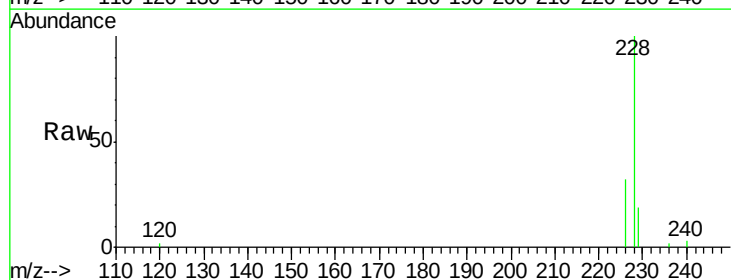
Tgt Ion:228 Resp: 5440

Ion Ratio Lower Upper

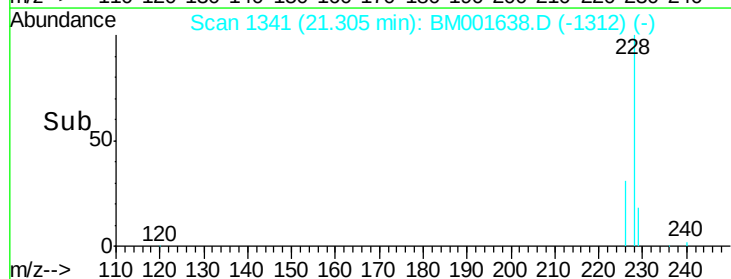
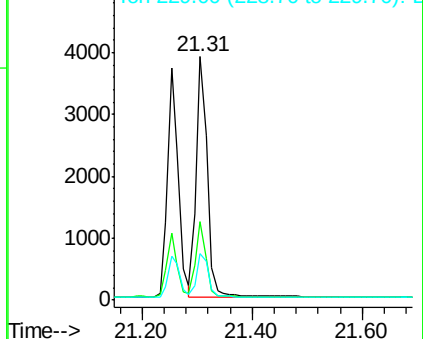
228 100

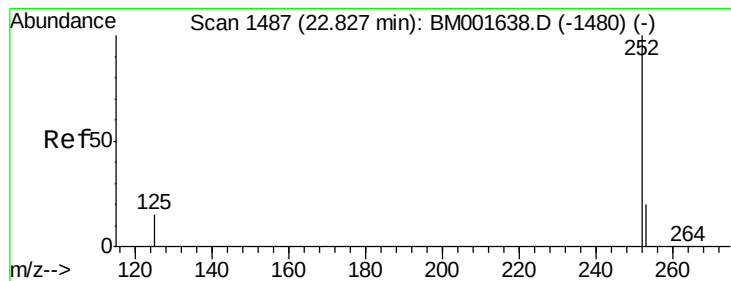
226 32.1 25.7 38.5

229 19.0 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: 0.47 ng/ul

RT: 22.83 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BM001638.D

Acq: 10 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.487

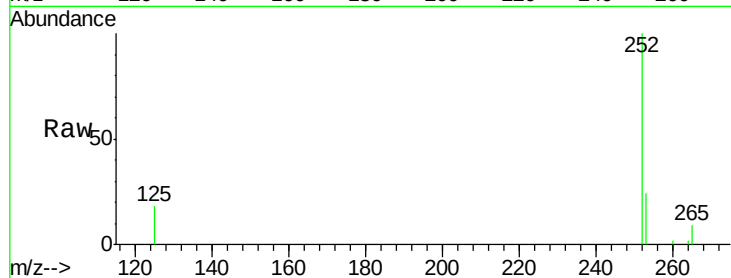
Tgt Ion:252 Resp: 5554

Ion Ratio Lower Upper

252 100

253 24.0 0.0 48.0

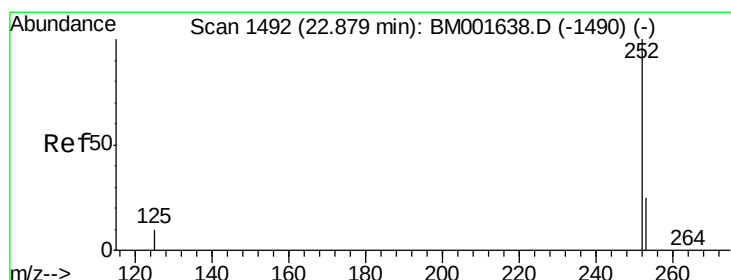
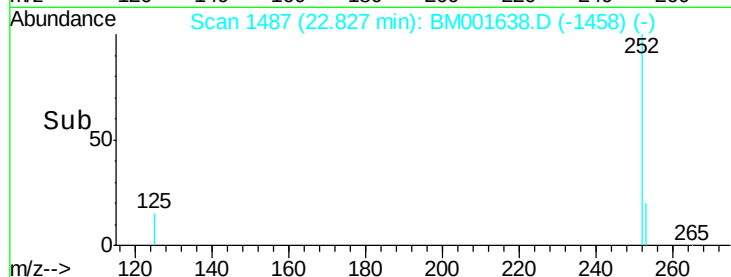
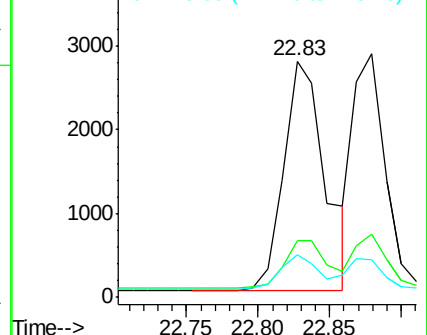
125 18.3 0.0 36.6



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: 0.37 ng/ul

RT: 22.88 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BM001638.D

Acq: 10 Jun 2015 22:45

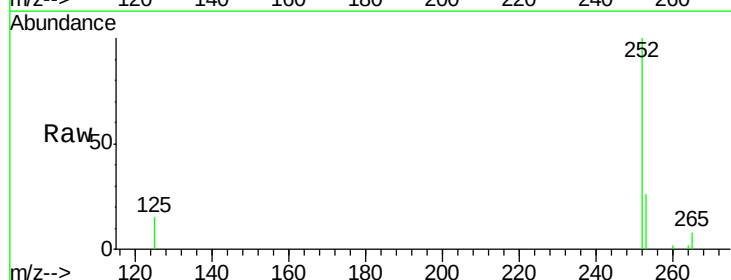
Tgt Ion:252 Resp: 4606

Ion Ratio Lower Upper

252 100

253 26.0 20.8 31.2

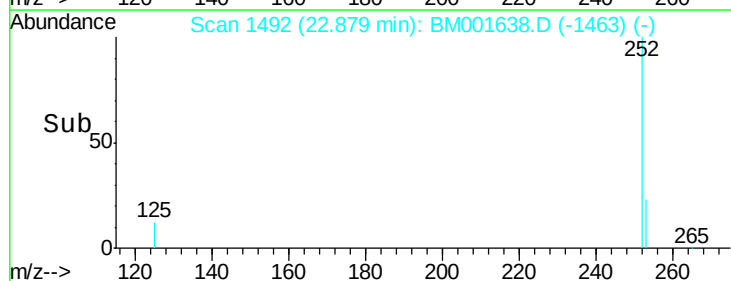
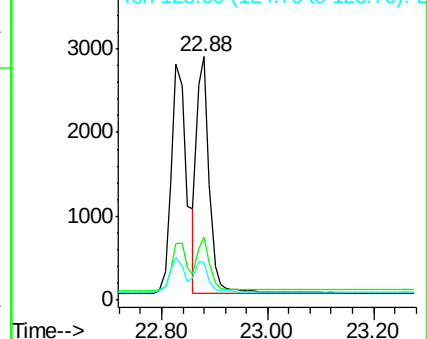
125 15.3 12.2 18.4

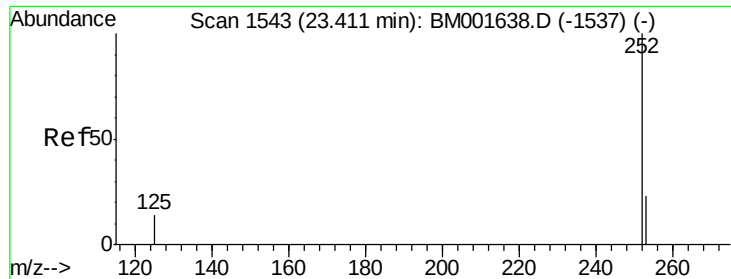


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.42 ng/ul

RT: 23.41 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BM001638.D

Acq: 10 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.487

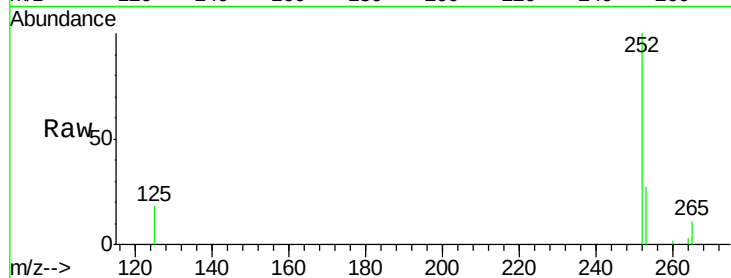
Tgt Ion:252 Resp: 4707

Ion Ratio Lower Upper

252 100

253 27.3 21.8 32.8

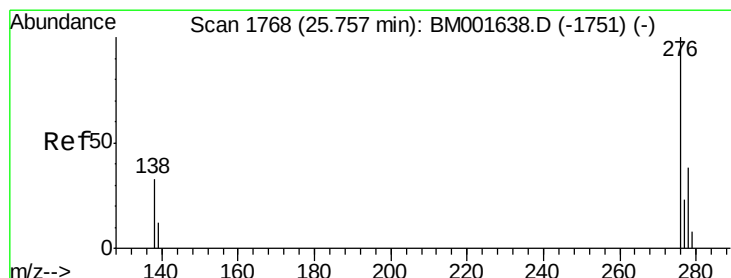
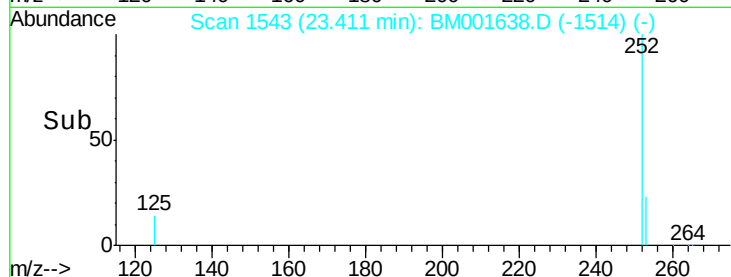
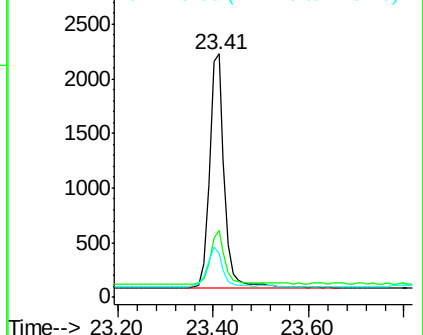
125 18.1 14.5 21.7



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: 0.43 ng/ul

RT: 25.76 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BM001638.D

Acq: 10 Jun 2015 22:45

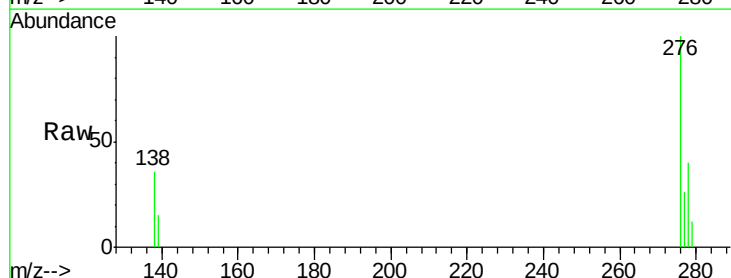
Tgt Ion:276 Resp: 5137

Ion Ratio Lower Upper

276 100

138 34.5 27.5 41.3

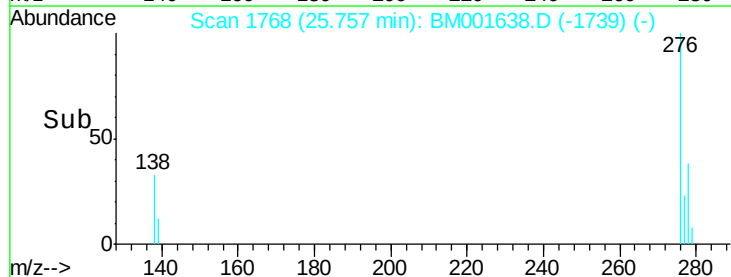
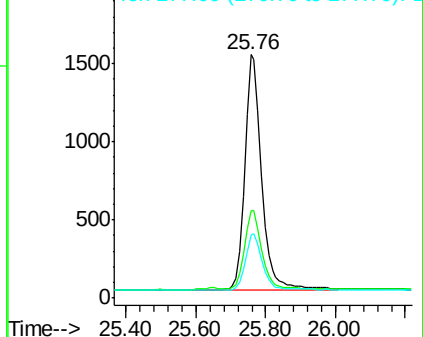
277 24.0 19.3 28.9

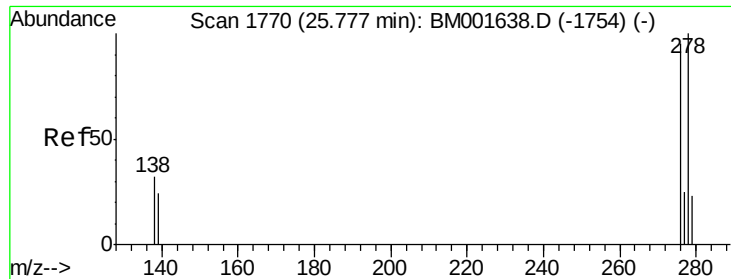


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



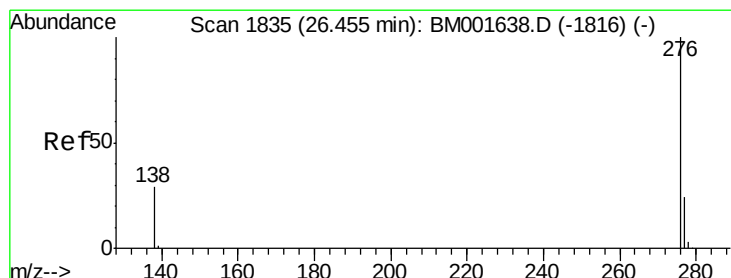
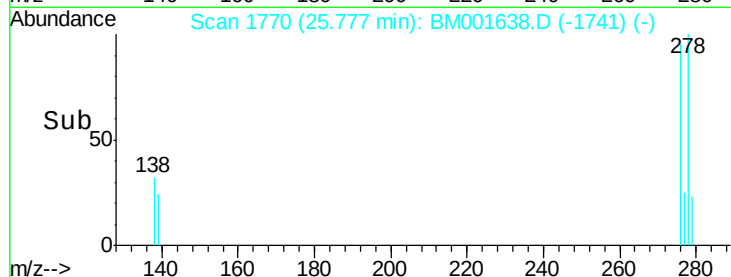
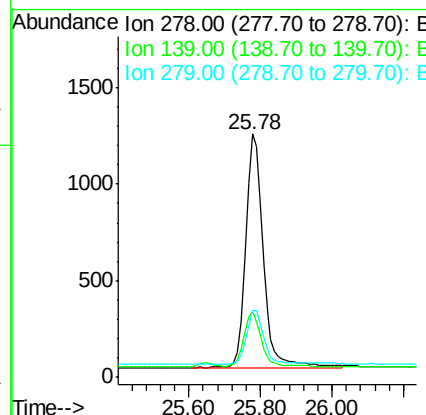
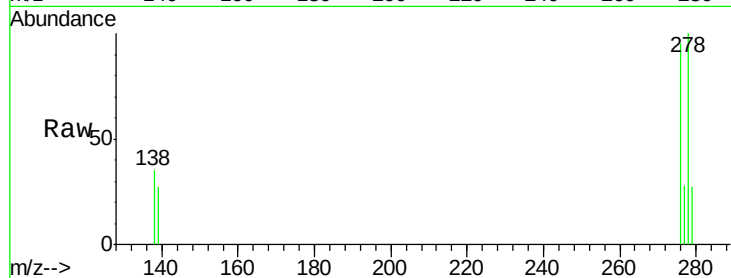


#27
Dibenzo(a,h)anthracene
Concen: 0.43 ng/ul
RT: 25.78 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BM001638.D
Acq: 10 Jun 2015 22:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.487

Tgt Ion: 278 Resp: 4084

Ion	Ratio	Lower	Upper
278	100		
139	27.1	21.7	32.5
279	27.4	21.9	32.9



#28
Benzo(g,h,i)perylene
Concen: 0.45 ng/ul
RT: 26.45 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BM001638.D
Acq: 10 Jun 2015 22:45

Tgt Ion: 276 Resp: 4684

Ion	Ratio	Lower	Upper
276	100		
277	26.6	21.3	31.9
138	31.9	25.5	38.3

