

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031115\
 Data File : BM000699.D
 Acq On : 11 Mar 2015 21:06
 Operator : TP/IZ
 Sample : SSTD0.473
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.473

Quant Time: Mar 12 07:53:43 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 07:43:01 2015
 Response via : Initial Calibration

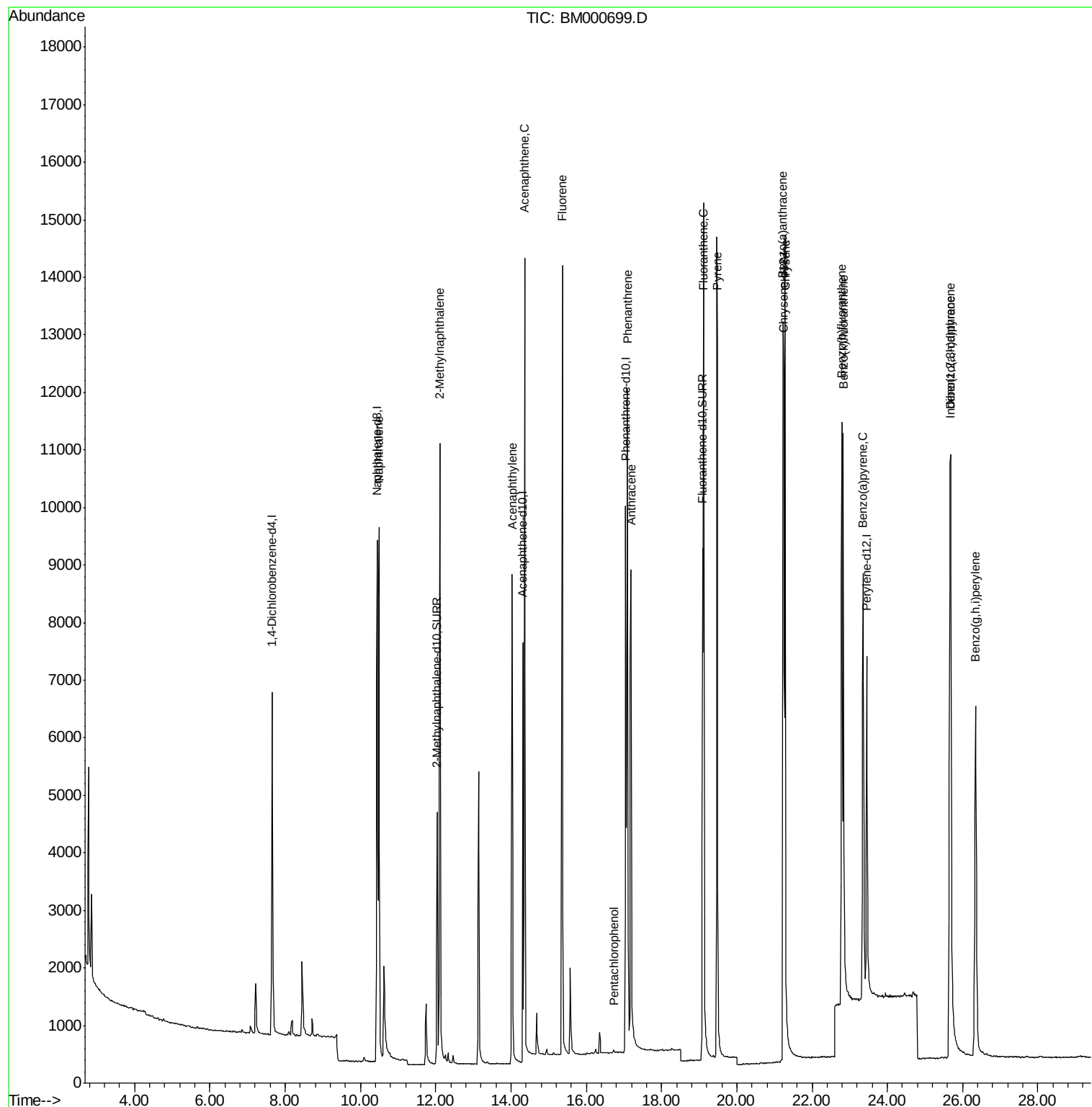
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	3920	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	13210	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3751	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	12708	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10035	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	9089	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	6557	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10843	0.40	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.49	128	14201	0.41	ng/ul	100
5) 2-Methylnaphthalene	12.11	142	9107	0.42	ng/ul	100
7) Acenaphthylene	14.03	152	11510	0.39	ng/ul	100
8) Acenaphthene	14.36	153	8866	0.39	ng/ul	100
9) Fluorene	15.36	166	10274	0.40	ng/ul	100
11) Pentachlorophenol	16.72	266	82	0.10	ng/ul	100
12) Phenanthrene	17.10	178	15200	0.41	ng/ul	100
13) Anthracene	17.19	178	13842	0.42	ng/ul	100
15) Fluoranthene	19.11	202	16390	0.40	ng/ul	100
17) Pyrene	19.48	202	16695	0.42	ng/ul	100
18) Benzo(a)anthracene	21.23	228	12288	0.41	ng/ul	100
19) Chrysene	21.28	228	15127	0.41	ng/ul	100
21) Benzo(b)fluoranthene	22.79	252	13805	0.43	ng/ul	100
22) Benzo(k)fluoranthene	22.83	252	14599	0.41	ng/ul	100
23) Benzo(a)pyrene	23.35	252	12750	0.41	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.67	276	14770	0.41	ng/ul	100
25) Dibenzo(a,h)anthracene	25.68	278	11850	0.41	ng/ul	100
26) Benzo(g,h,i)perylene	26.35	276	13251	0.41	ng/ul	100

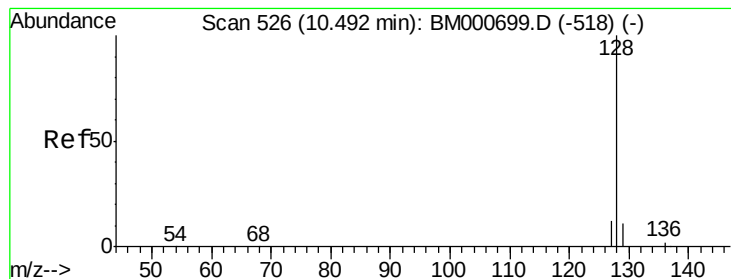
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031115\
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 07:43:01 2015
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#3

Naphthalene

Concen: 0.41 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

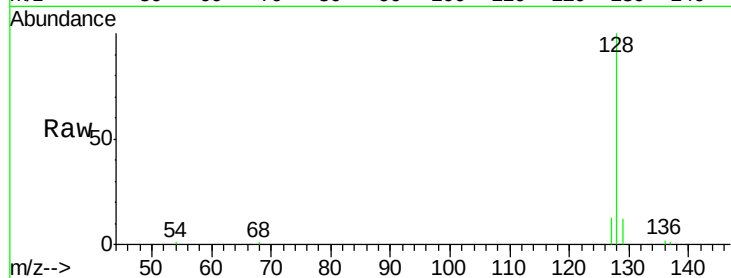
Tgt Ion:128 Resp: 14201

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

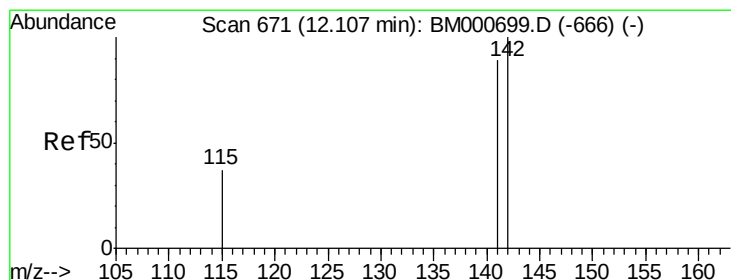
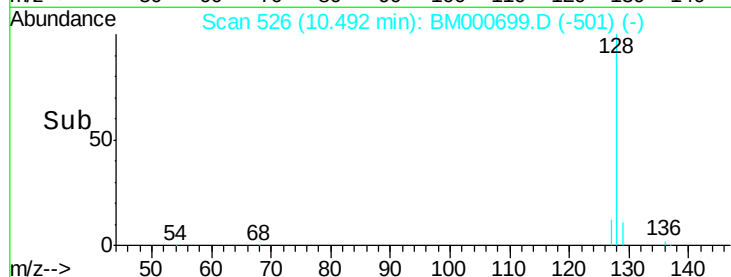
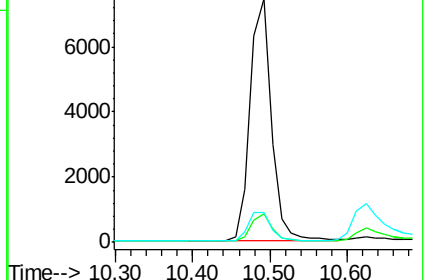
127 12.5 10.0 15.0



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



#5

2-Methylnaphthalene

Concen: 0.42 ng/ul

RT: 12.11 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM000699.D

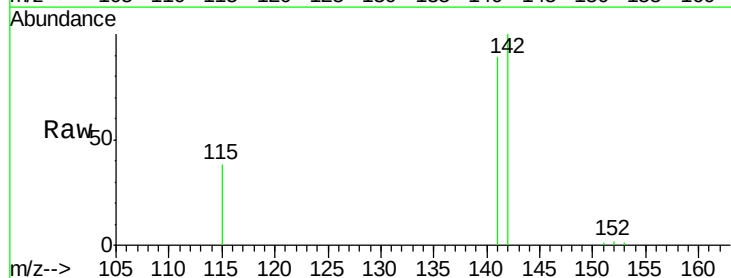
Acq: 11 Mar 2015 21:06

Tgt Ion:142 Resp: 9107

Ion Ratio Lower Upper

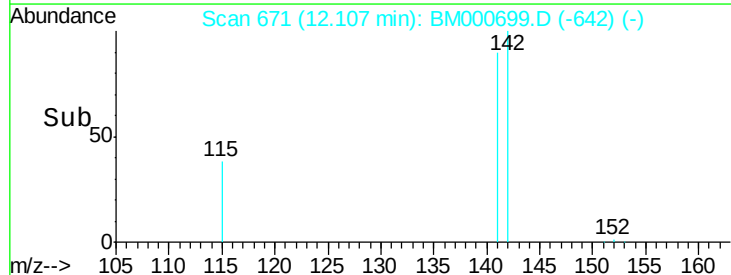
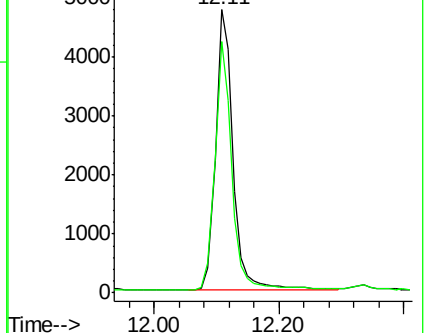
142 100

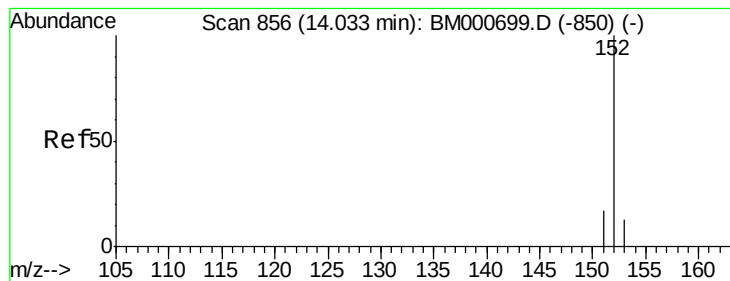
141 86.9 69.5 104.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

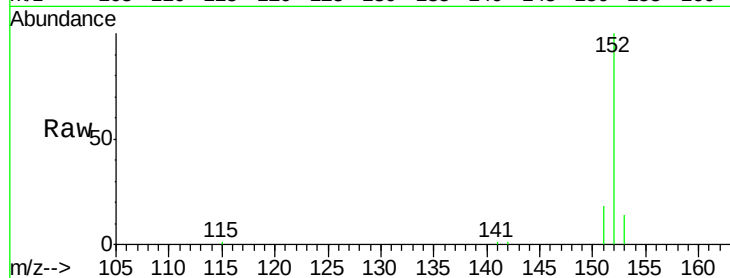
Tgt Ion:152 Resp: 11510

Ion Ratio Lower Upper

152 100

151 18.1 14.5 21.7

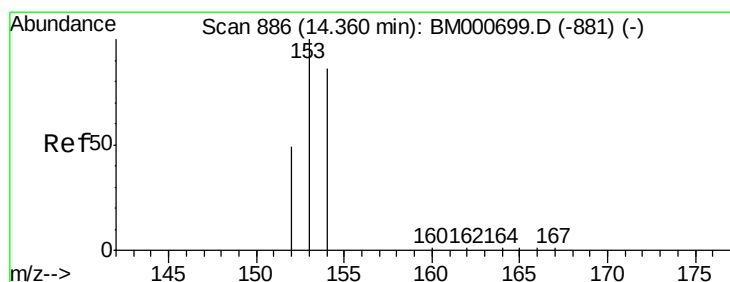
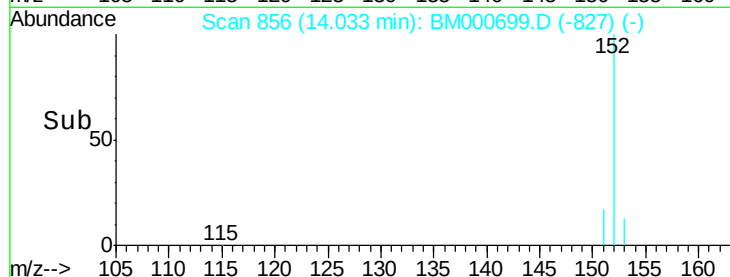
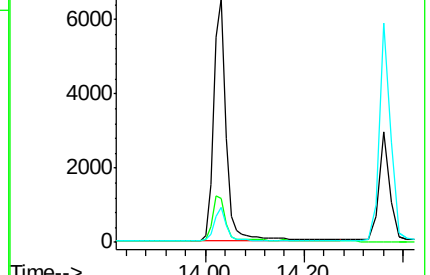
153 14.1 11.3 16.9



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: 0.39 ng/ul

RT: 14.36 min Scan# 886

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

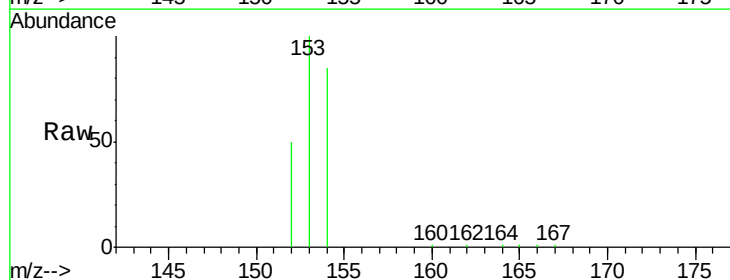
Tgt Ion:153 Resp: 8866

Ion Ratio Lower Upper

153 100

152 50.2 40.2 60.2

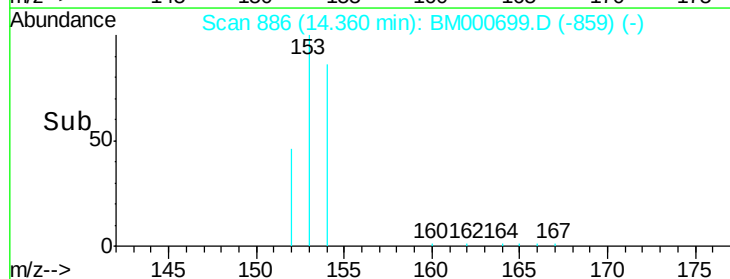
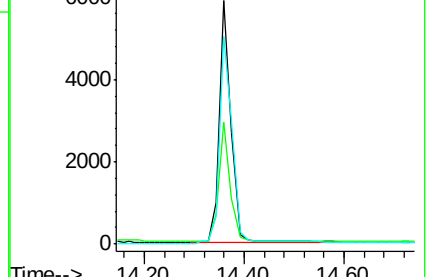
154 85.2 68.2 102.2

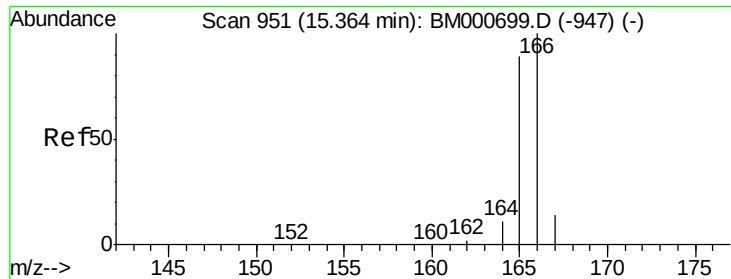


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

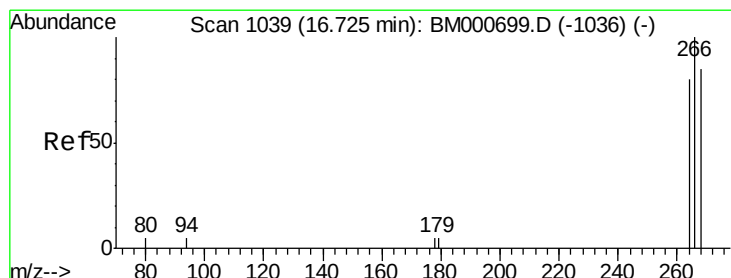
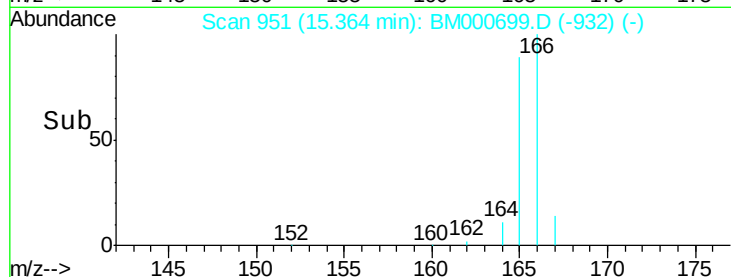
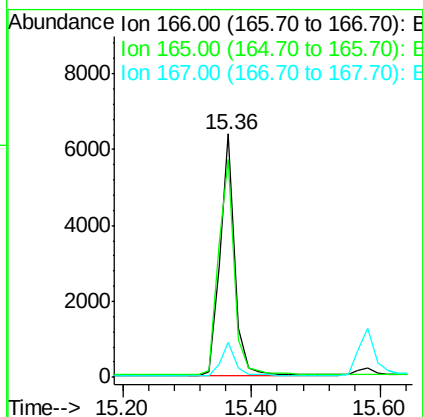
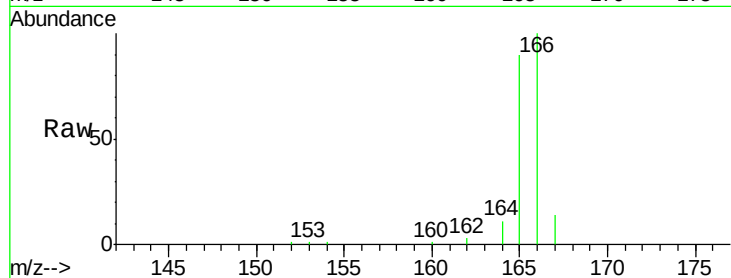




#9
Fluorene
 Concen: 0.40 ng/ul
 RT: 15.36 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BM000699.D
 Acq: 11 Mar 2015 21:06

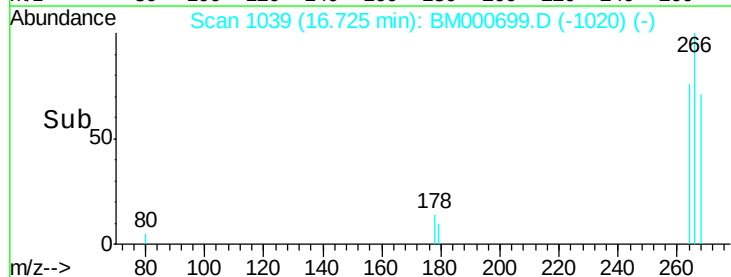
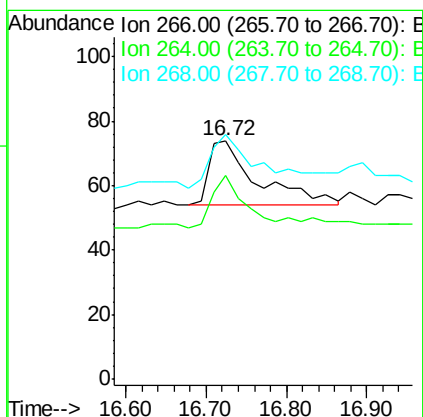
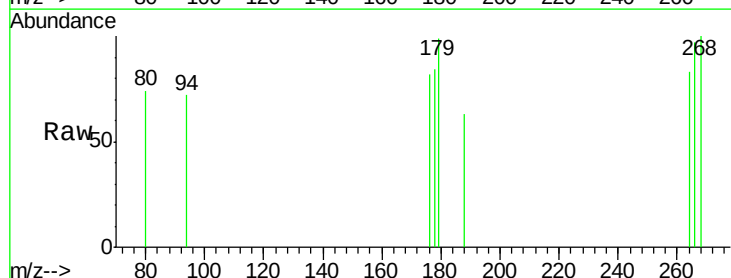
Instrument :
 BNA_M
 ClientSampleId :
 SST0.473

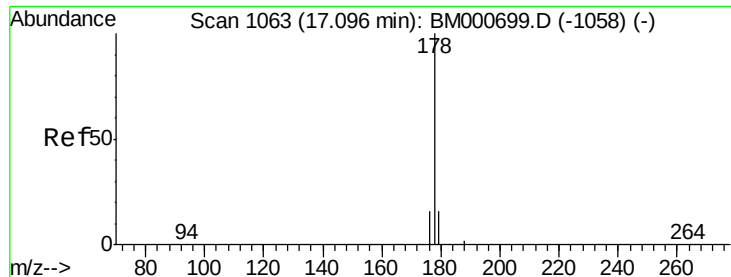
Tgt Ion:166 Resp: 10274
 Ion Ratio Lower Upper
 166 100
 165 89.6 71.7 107.5
 167 14.4 11.5 17.3



#11
Pentachlorophenol
 Concen: 0.10 ng/ul
 RT: 16.72 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM000699.D
 Acq: 11 Mar 2015 21:06

Tgt Ion:266 Resp: 82
 Ion Ratio Lower Upper
 266 100
 264 54.9 43.9 65.9
 268 91.5 73.2 109.8

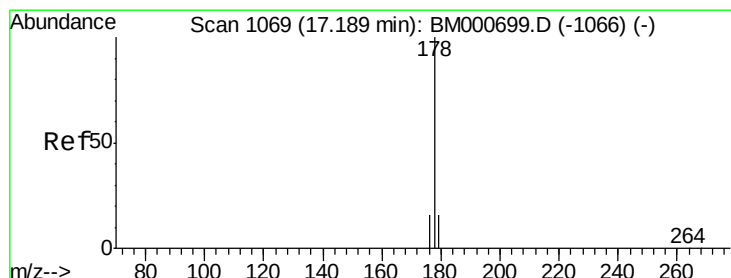
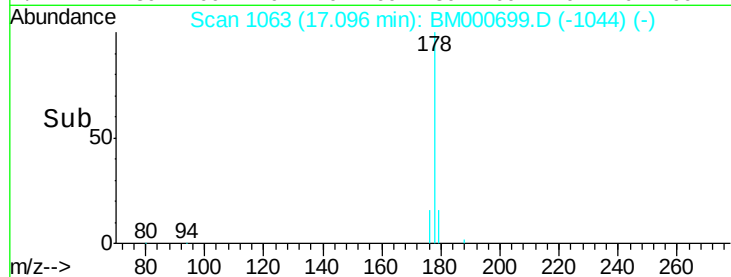
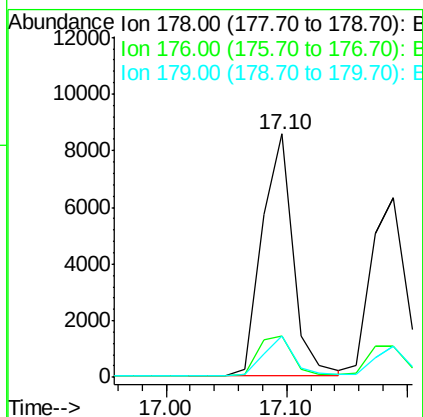
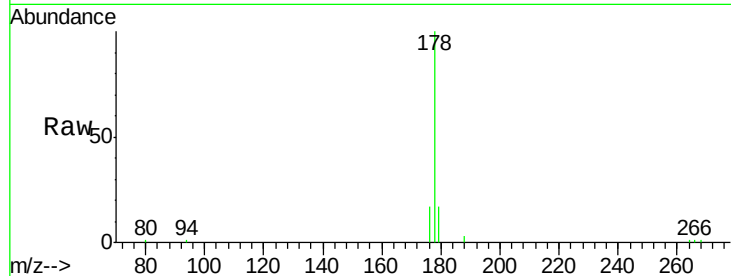




#12
Phenanthrene
Concen: 0.41 ng/ul
RT: 17.10 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BM000699.D
Acq: 11 Mar 2015 21:06

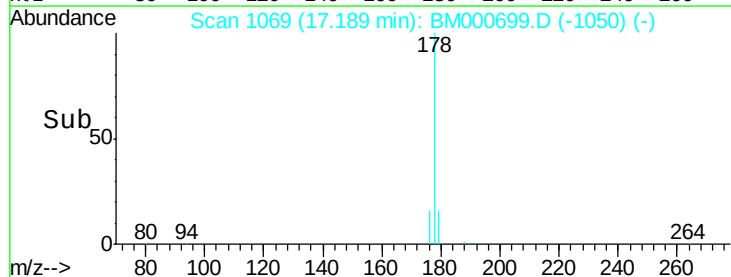
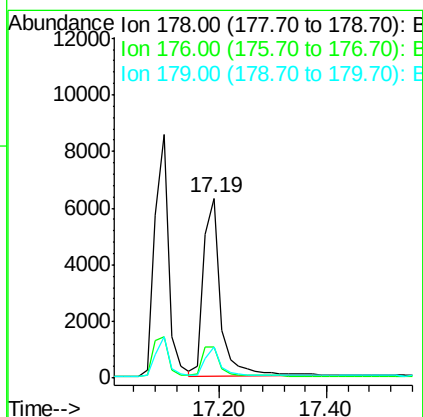
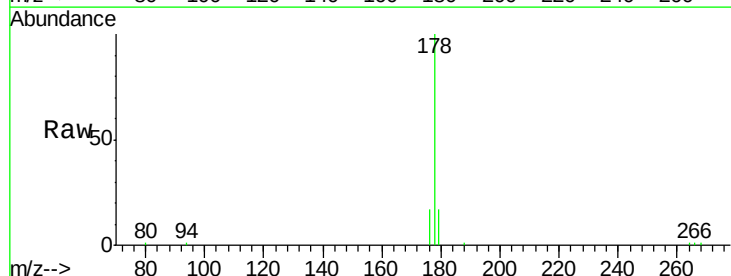
Instrument :
BNA_M
ClientSampleId :
SSTD0.473

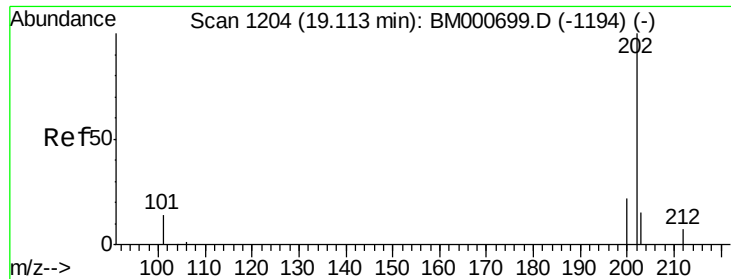
Tgt Ion:178 Resp: 15200
Ion Ratio Lower Upper
178 100
176 16.8 13.4 20.2
179 16.8 13.4 20.2



#13
Anthracene
Concen: 0.42 ng/ul
RT: 17.19 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BM000699.D
Acq: 11 Mar 2015 21:06

Tgt Ion:178 Resp: 13842
Ion Ratio Lower Upper
178 100
176 17.3 13.8 20.8
179 17.2 13.8 20.6





#15

Fluoranthene

Concen: 0.40 ng/ul

RT: 19.11 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

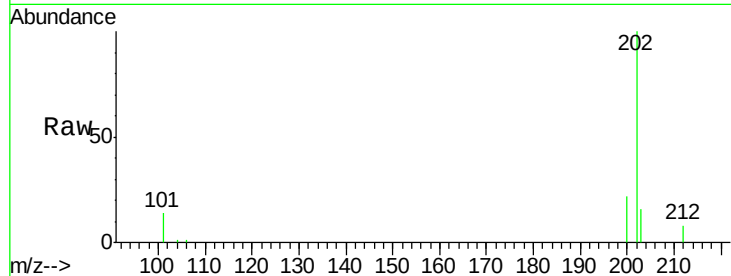
Tgt Ion:202 Resp: 16390

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.4

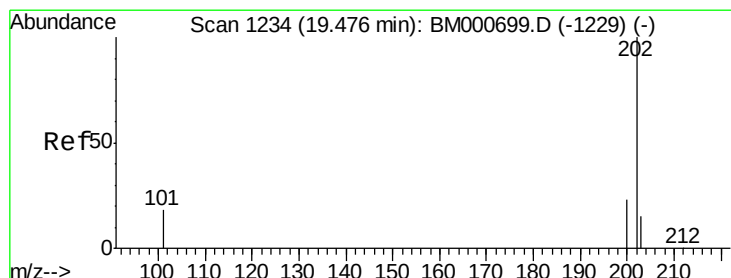
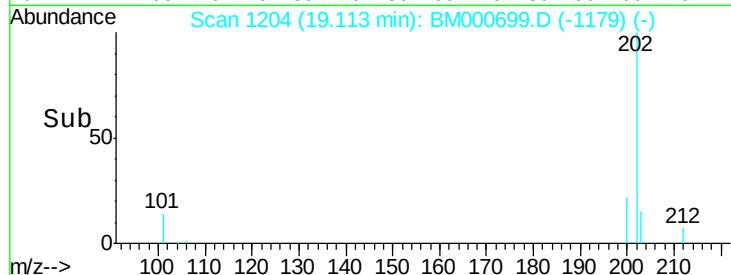
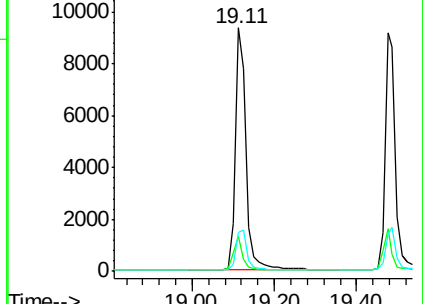
203 16.0 0.0 36.0



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: 0.42 ng/ul

RT: 19.48 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

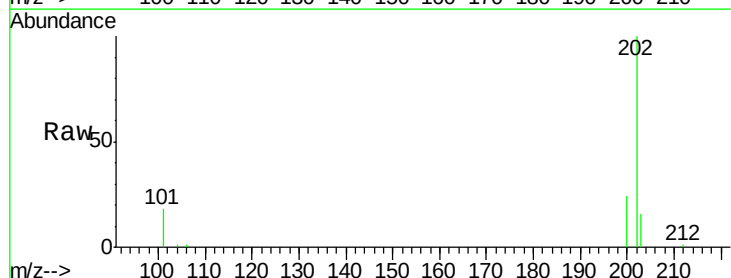
Tgt Ion:202 Resp: 16695

Ion Ratio Lower Upper

202 100

200 23.5 18.8 28.2

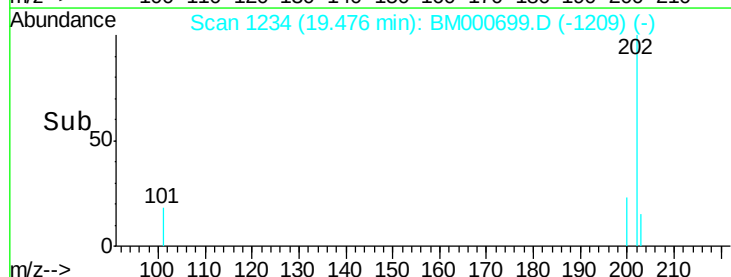
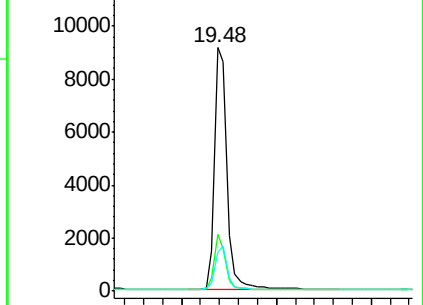
203 16.0 12.8 19.2

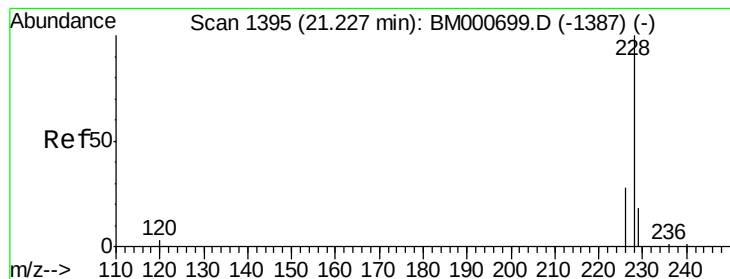


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.23 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

Instrument :

BNA_M

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SSTD0.473

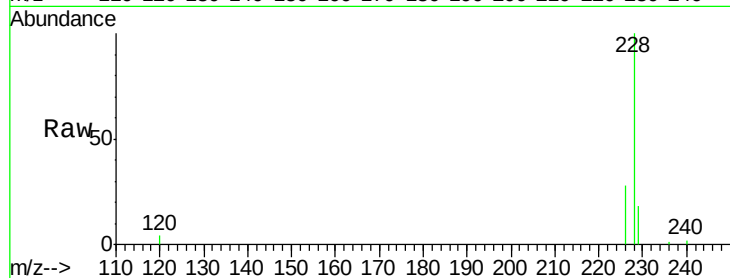
Tgt Ion:228 Resp: 12288

Ion Ratio Lower Upper

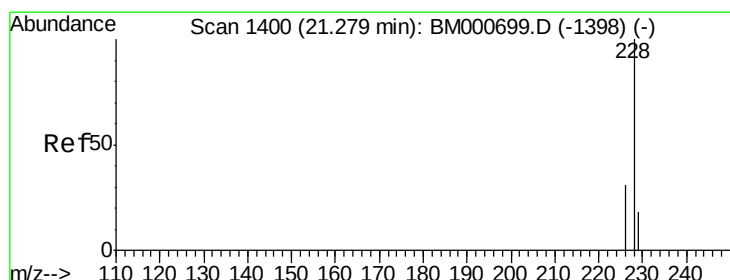
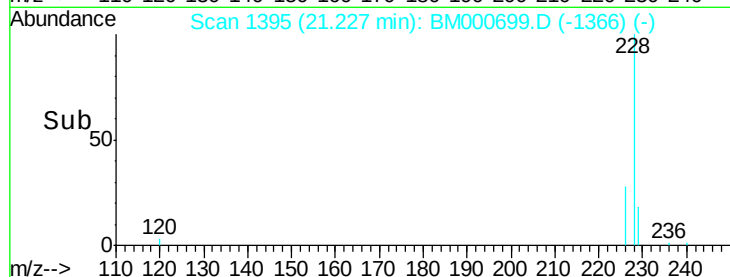
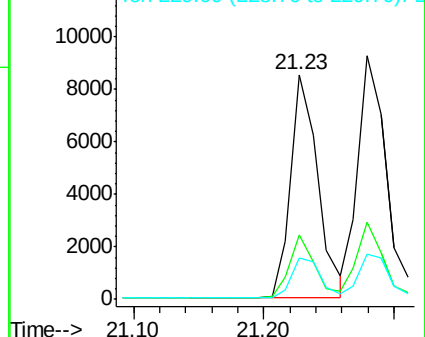
228 100

226 28.4 22.7 34.1

229 18.4 14.7 22.1



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: 0.41 ng/ul

RT: 21.28 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

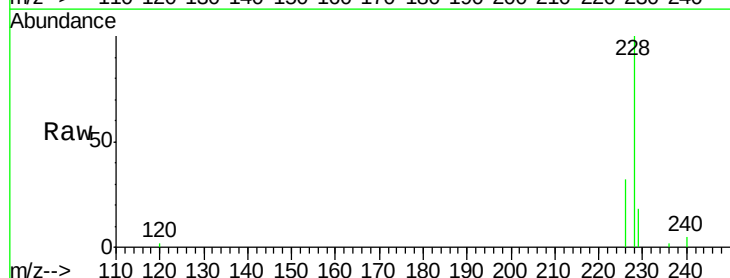
Tgt Ion:228 Resp: 15127

Ion Ratio Lower Upper

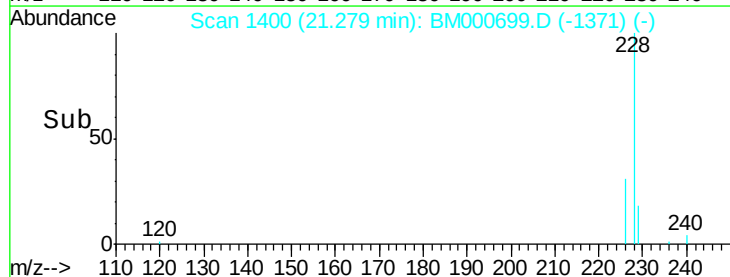
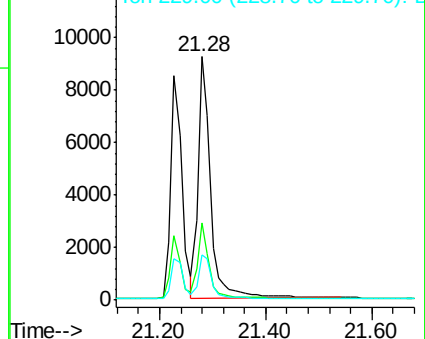
228 100

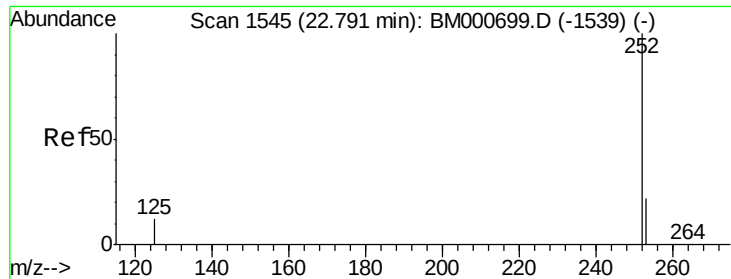
226 31.6 25.3 37.9

229 18.4 14.7 22.1



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: 0.43 ng/ul

RT: 22.79 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

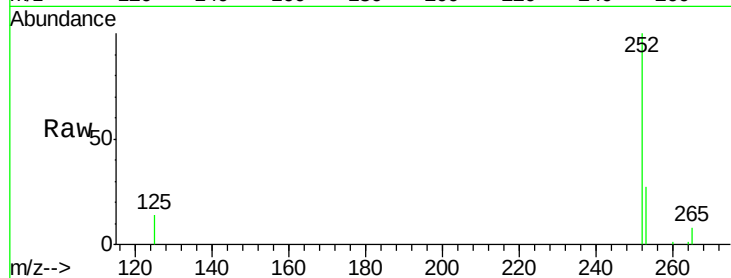
Tgt Ion:252 Resp: 13805

Ion Ratio Lower Upper

252 100

253 26.6 0.0 53.2

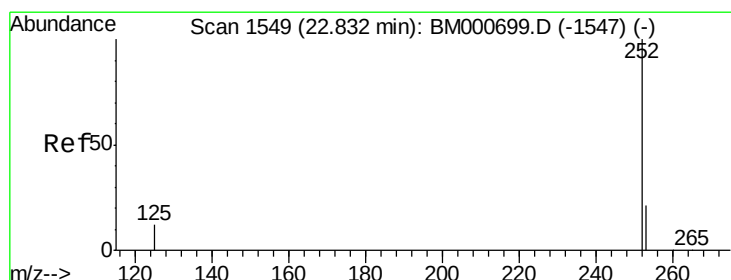
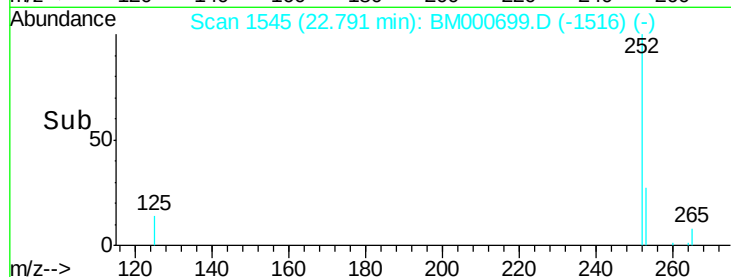
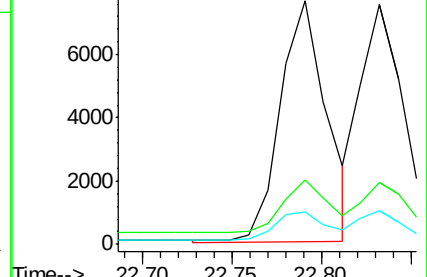
125 13.5 0.0 27.0



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: 22.83 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

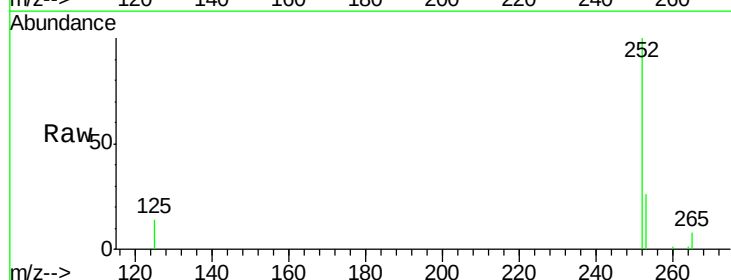
Tgt Ion:252 Resp: 14599

Ion Ratio Lower Upper

252 100

253 26.0 20.8 31.2

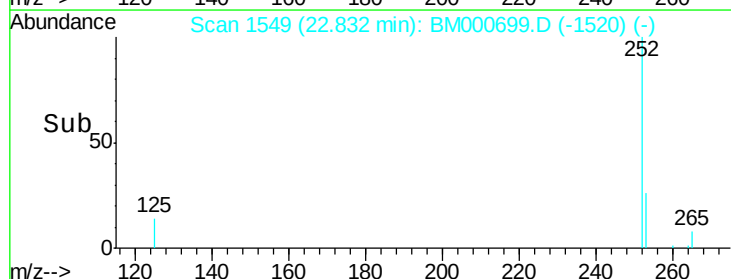
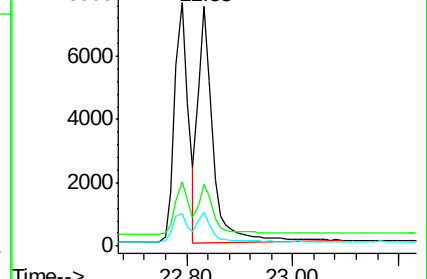
125 14.0 11.2 16.8

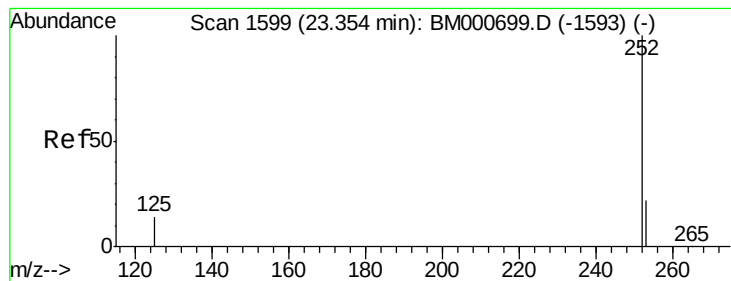


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.41 ng/ul

RT: 23.35 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

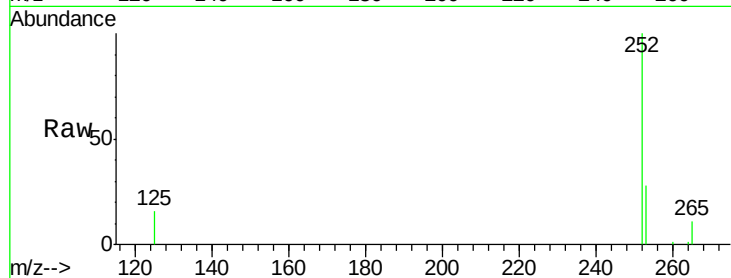
Tgt Ion:252 Resp: 12750

Ion Ratio Lower Upper

252 100

253 28.4 22.7 34.1

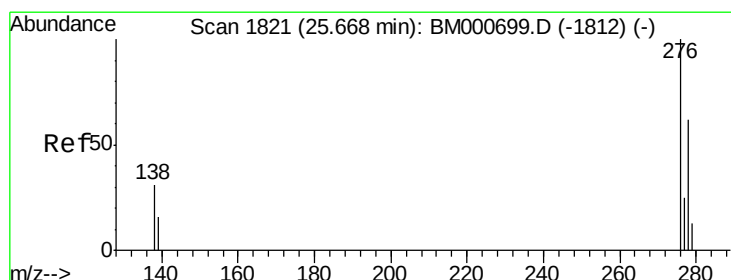
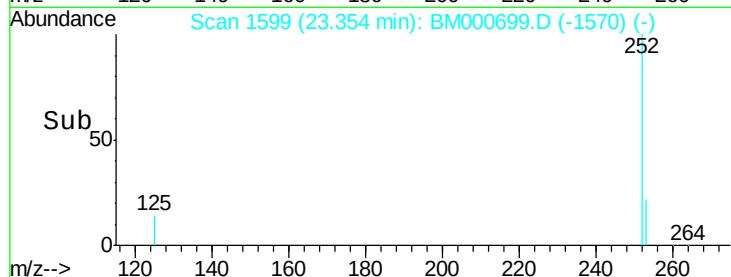
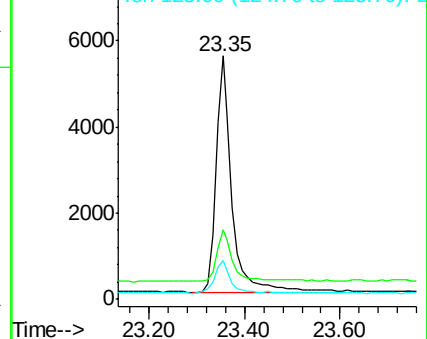
125 15.7 12.6 18.8



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: 25.67 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 11 Mar 2015 21:06

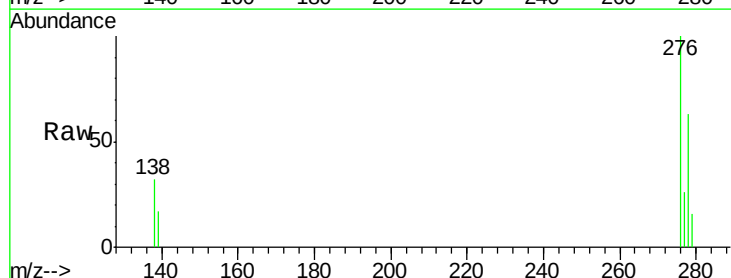
Tgt Ion:276 Resp: 14770

Ion Ratio Lower Upper

276 100

138 31.8 25.4 38.2

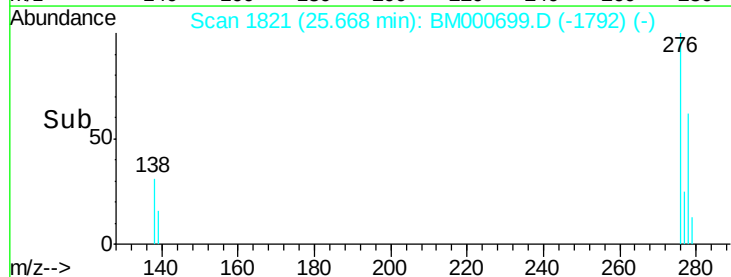
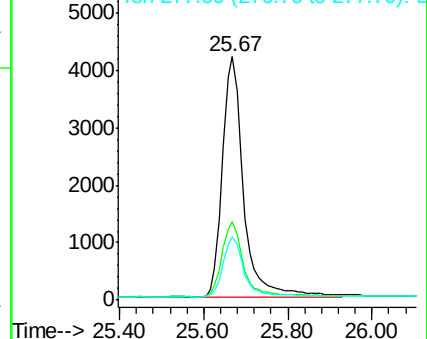
277 25.0 20.0 30.0

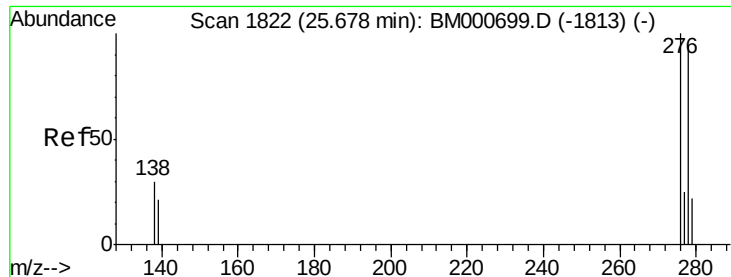


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



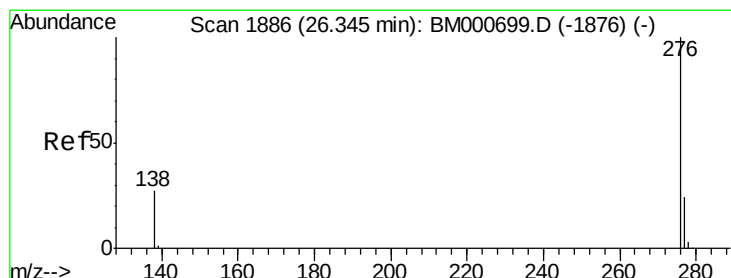
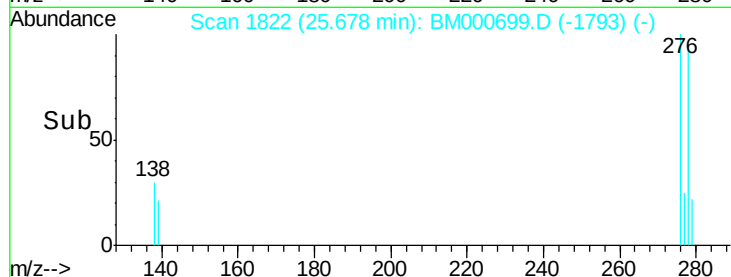
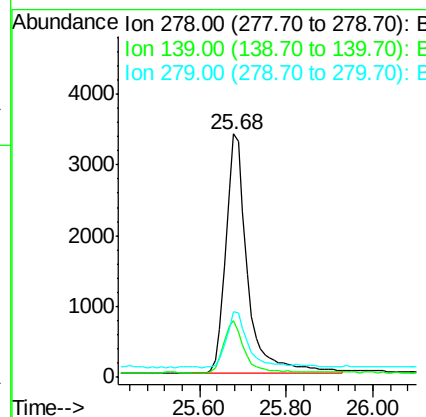
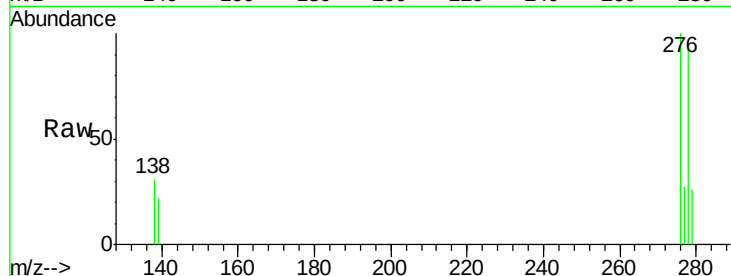


#25
Dibenzo(a,h)anthracene
Concen: 0.41 ng/ul
RT: 25.68 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM000699.D
Acq: 11 Mar 2015 21:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.473

Tgt Ion: 278 Resp: 11850

Ion	Ratio	Lower	Upper
278	100		
139	23.5	18.8	28.2
279	27.0	21.6	32.4



#26
Benzo(g,h,i)perylene
Concen: 0.41 ng/ul
RT: 26.35 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BM000699.D
Acq: 11 Mar 2015 21:06

Tgt Ion: 276 Resp: 13251

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.2	30.4
138	28.1	22.5	33.7

