

Data Path : Z:\HPCHEM1\BNA_M\Data\BM051715\
 Data File : BM001322.D
 Acq On : 15 May 2015 10:00
 Operator : TP/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.481

Quant Time: May 16 02:25:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM051115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 01:20:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1123	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.23	136	3891	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	1996	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	4054	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	3336	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3085	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.83	152	2009	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	3495	0.39	ng/ul	-0.01

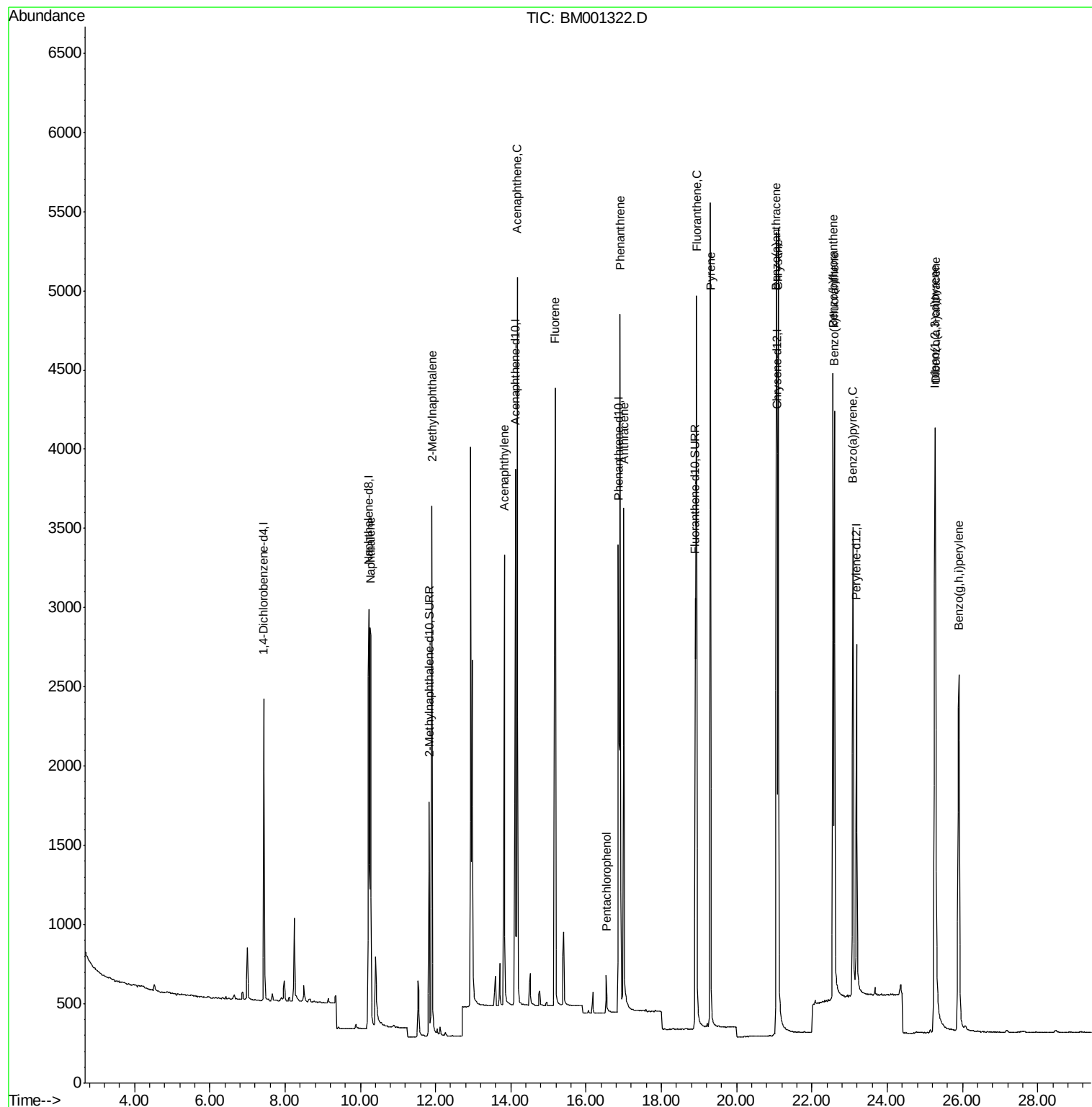
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.26	128	3989	0.41	ng/ul	97
5) 2-Methylnaphthalene	11.90	142	2621	0.41	ng/ul	99
7) Acenaphthylene	13.82	152	3550	0.40	ng/ul	99
8) Acenaphthene	14.17	153	2811	0.40	ng/ul	94
9) Fluorene	15.18	166	3027	0.39	ng/ul	95
11) Pentachlorophenol	16.53	266	235	0.27	ng/ul	95
12) Phenanthrene	16.90	178	4670	0.41	ng/ul	97
13) Anthracene	17.00	178	4296	0.41	ng/ul	99
15) Fluoranthene	18.94	202	5132	0.40	ng/ul	98
17) Pyrene	19.30	202	5275	0.41	ng/ul	99
18) Benzo(a)anthracene	21.06	228	4258	0.42	ng/ul	98
19) Chrysene	21.11	228	4800	0.41	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	4683	0.42	ng/ul	99
22) Benzo(k)fluoranthene	22.60	252	4670	0.41	ng/ul	99
23) Benzo(a)pyrene	23.09	252	4374	0.41	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.27	276	4967	0.42	ng/ul	98
25) Dibenzo(a,h)anthracene	25.28	278	3921	0.42	ng/ul	97
26) Benzo(g,h,i)perylene	25.90	276	4466	0.43	ng/ul	98

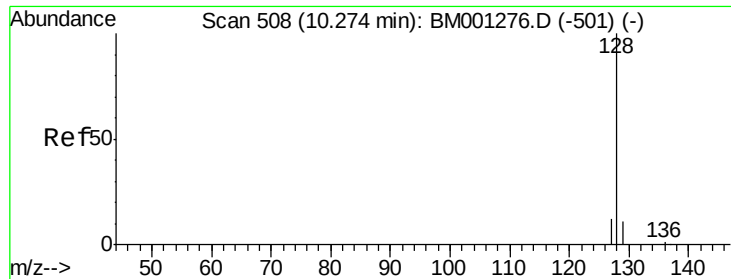
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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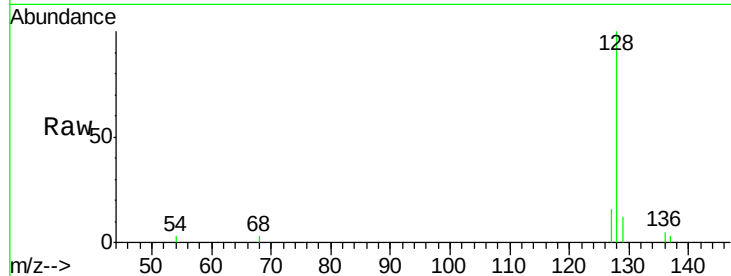




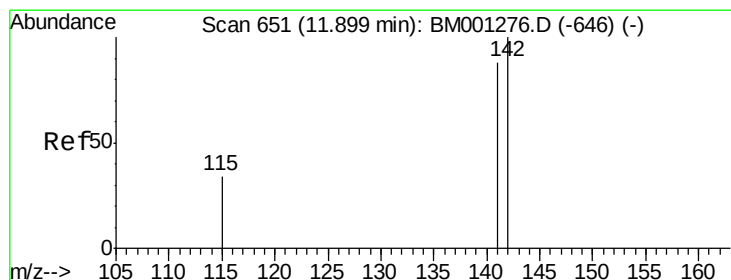
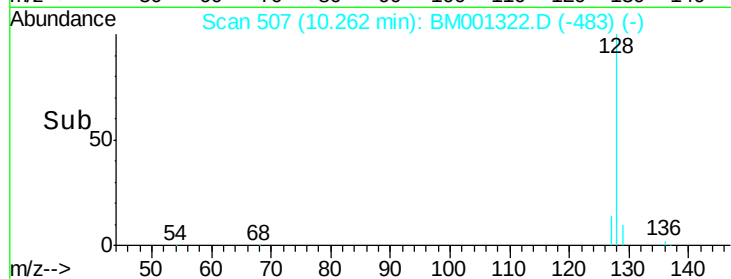
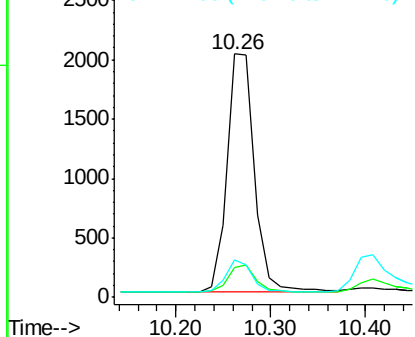
#3
Naphthalene
Concen: 0.41 ng/ul
RT: 10.26 min Scan# 507
Delta R.T. -0.01 min
Lab File: BM001322.D
Acq: 15 May 2015 10:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.481

Tgt Ion:128 Resp: 3989
Ion Ratio Lower Upper
128 100
129 12.1 10.4 15.6
127 15.6 11.3 16.9

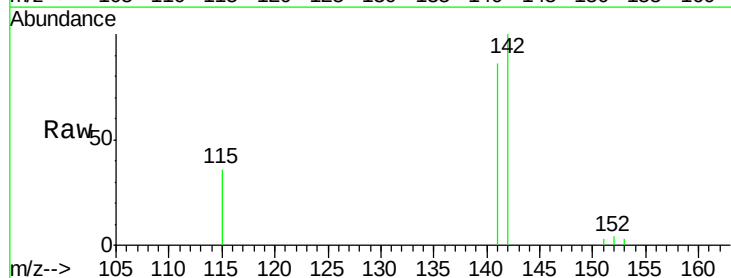


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

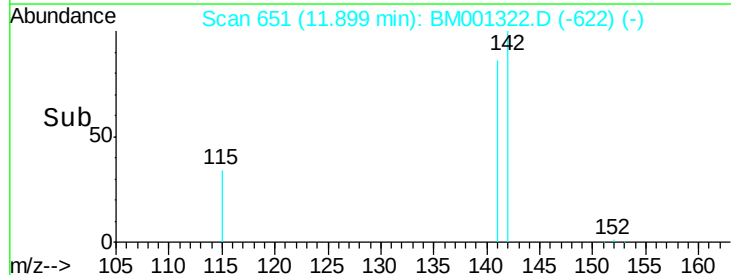
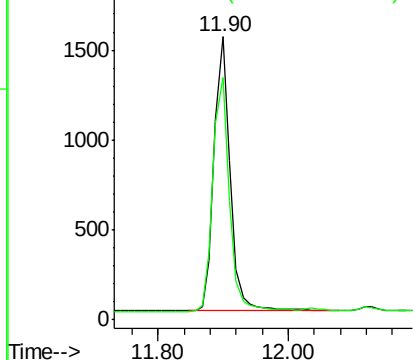


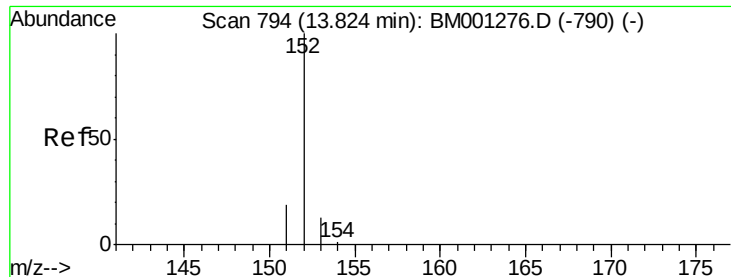
#5
2-Methylnaphthalene
Concen: 0.41 ng/ul
RT: 11.90 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM001322.D
Acq: 15 May 2015 10:00

Tgt Ion:142 Resp: 2621
Ion Ratio Lower Upper
142 100
141 87.6 70.8 106.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 13.82 min Scan# 794

Delta R.T. 0.00 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.481

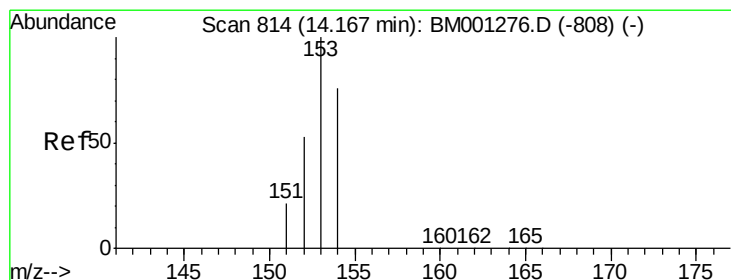
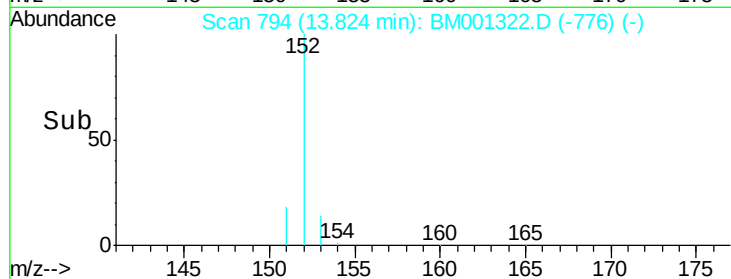
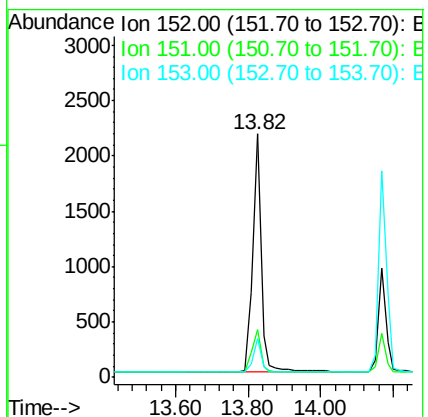
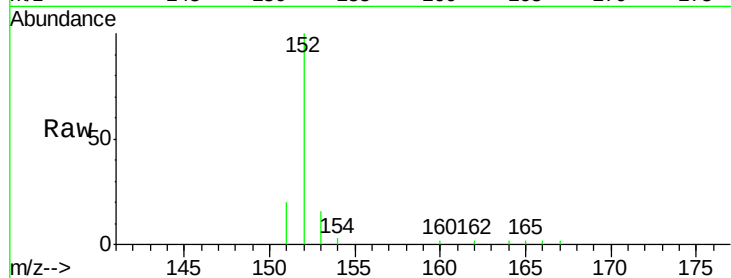
Tgt Ion:152 Resp: 3550

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

153 15.7 13.3 19.9



#8

Acenaphthene

Concen: 0.40 ng/ul

RT: 14.17 min Scan# 814

Delta R.T. 0.00 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

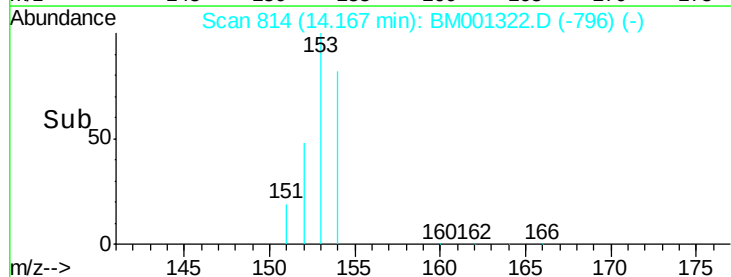
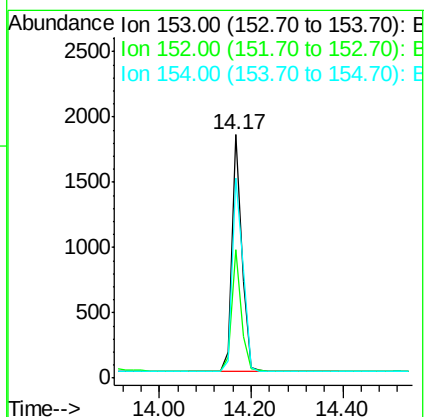
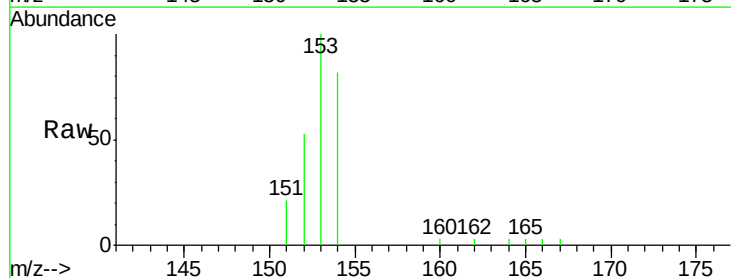
Tgt Ion:153 Resp: 2811

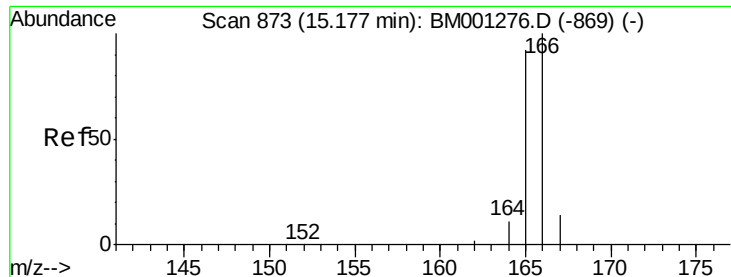
Ion Ratio Lower Upper

153 100

152 52.7 39.4 59.0

154 82.0 70.6 105.8

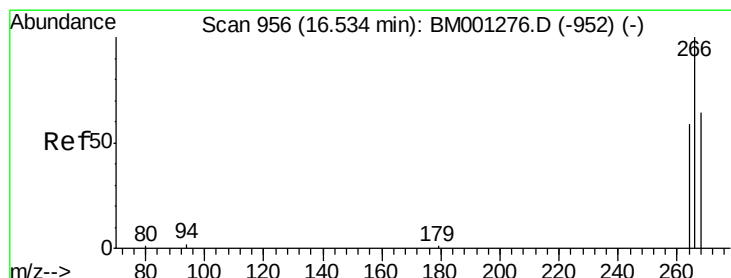
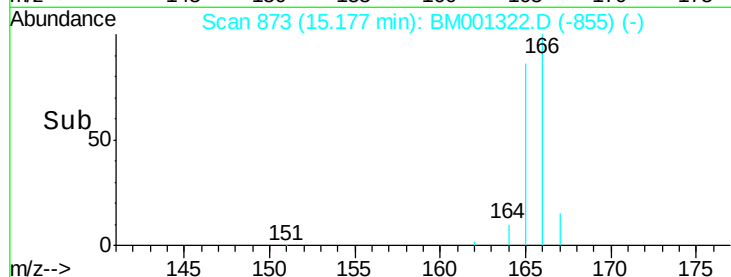
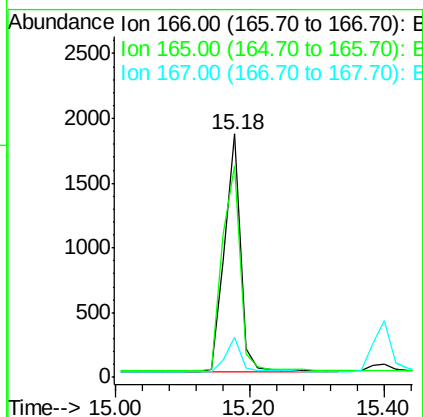
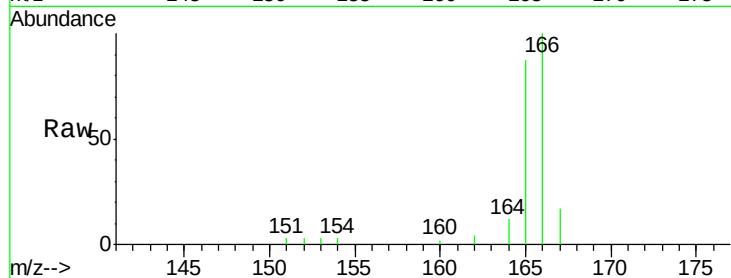




#9
Fluorene
 Concen: 0.39 ng/ul
 RT: 15.18 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BM001322.D
 Acq: 15 May 2015 10:00

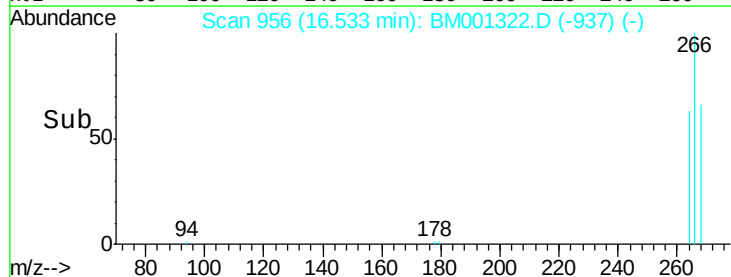
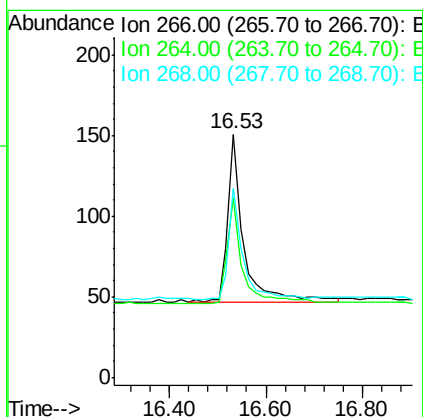
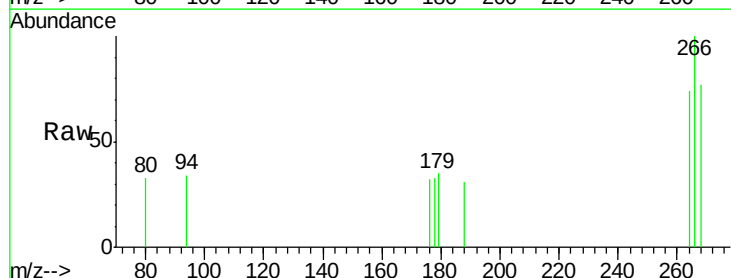
Instrument :
 BNA_M
 ClientSampleId :
 SST0.481

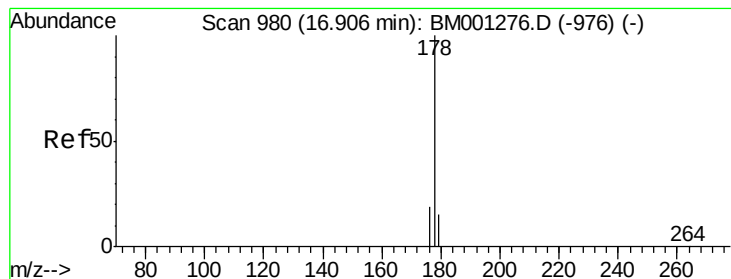
Tgt Ion:166 Resp: 3027
 Ion Ratio Lower Upper
 166 100
 165 87.0 66.2 99.2
 167 16.7 14.7 22.1



#11
Pentachlorophenol
 Concen: 0.27 ng/ul
 RT: 16.53 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BM001322.D
 Acq: 15 May 2015 10:00

Tgt Ion:266 Resp: 235
 Ion Ratio Lower Upper
 266 100
 264 61.3 54.6 81.8
 268 62.6 51.2 76.8





#12

Phenanthrene

Concen: 0.41 ng/ul

RT: 16.90 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.481

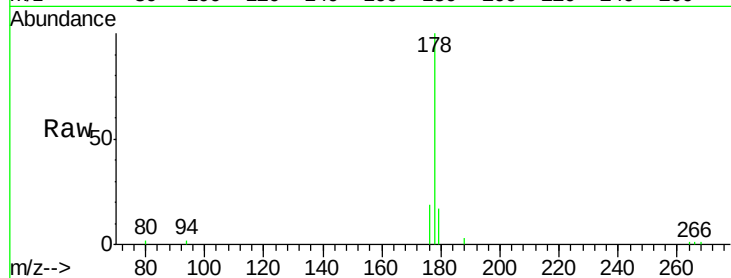
Tgt Ion:178 Resp: 4670

Ion Ratio Lower Upper

178 100

176 18.8 14.3 21.5

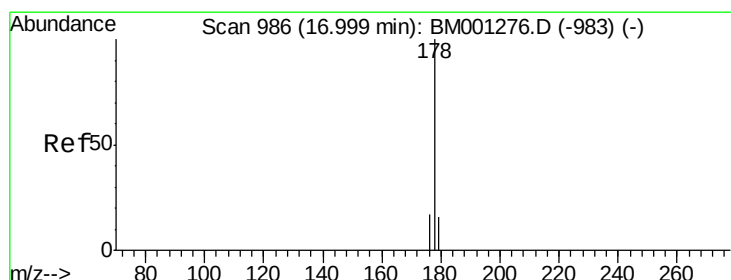
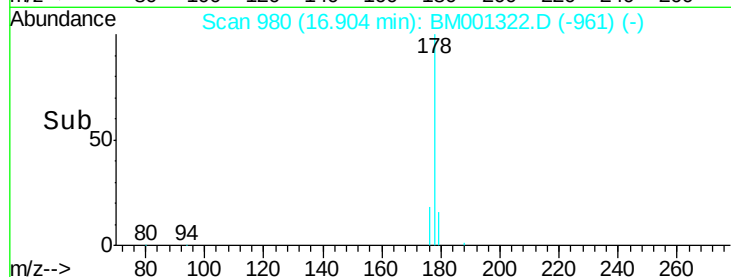
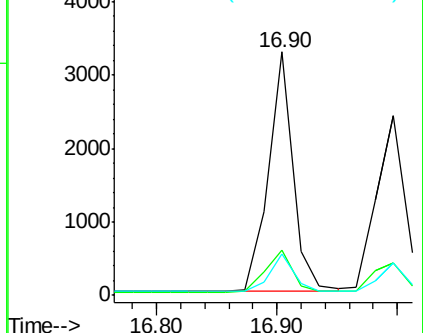
179 17.0 14.9 22.3



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: 17.00 min Scan# 986

Delta R.T. -0.00 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

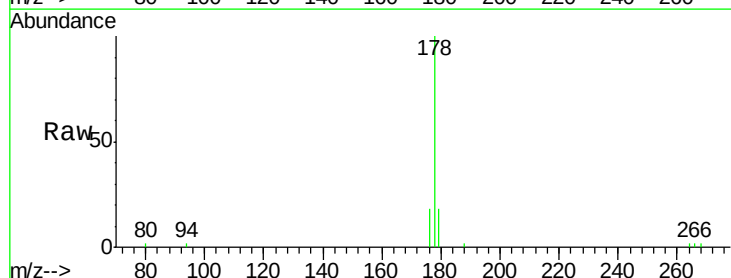
Tgt Ion:178 Resp: 4296

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

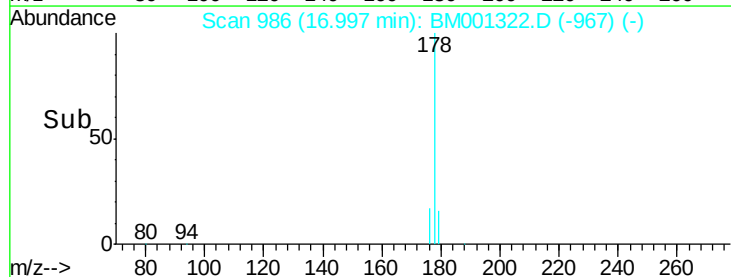
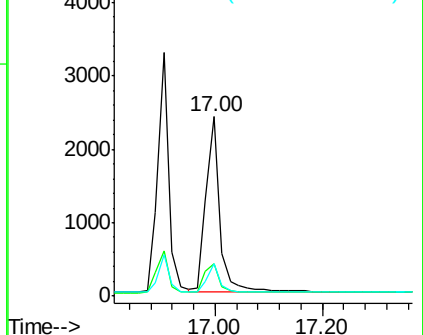
179 17.9 15.3 22.9

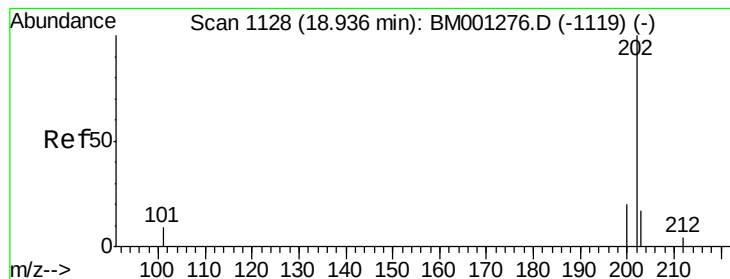


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.40 ng/ul

RT: 18.94 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.481

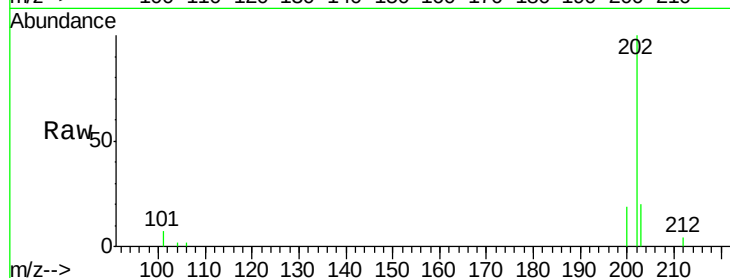
Tgt Ion:202 Resp: 5132

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.1

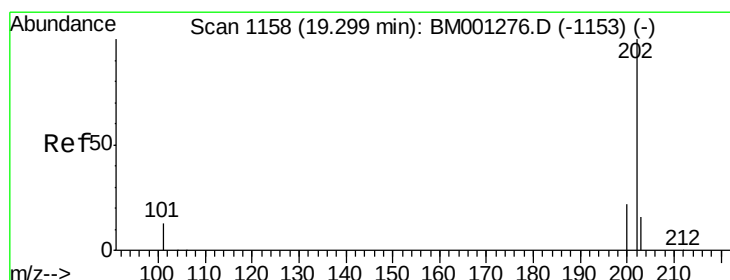
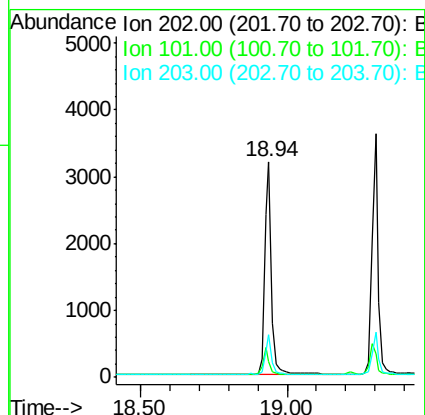
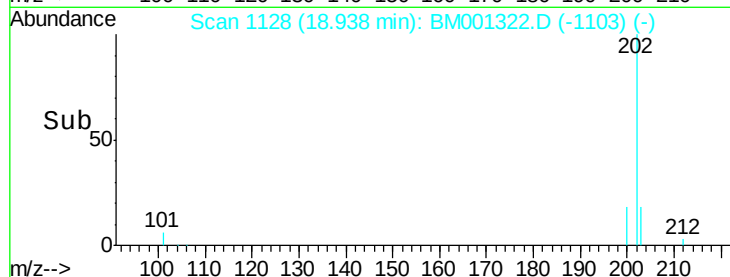
203 19.6 0.0 38.6



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: 0.41 ng/ul

RT: 19.30 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

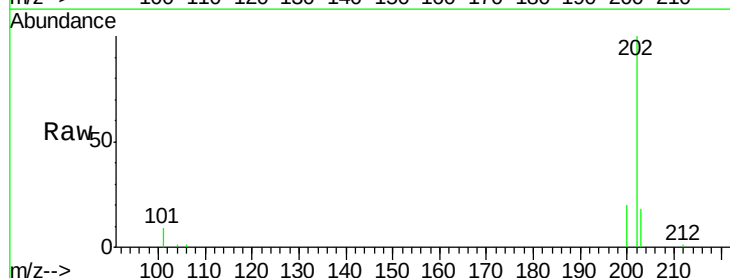
Tgt Ion:202 Resp: 5275

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

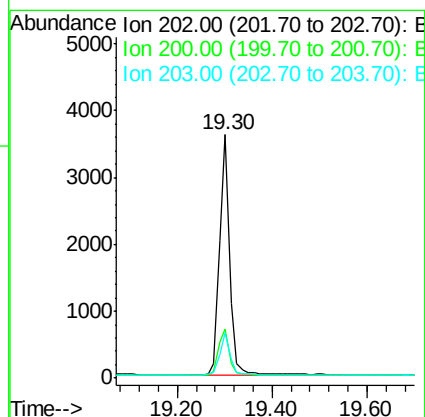
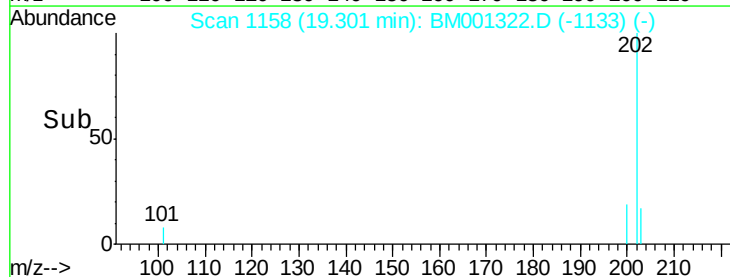
203 18.4 15.0 22.4

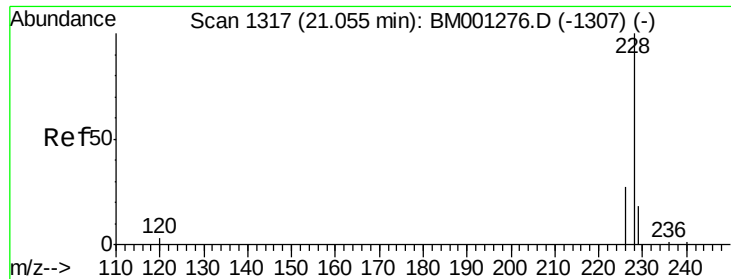


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.42 ng/ul

RT: 21.06 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

Instrument :

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SSTD0.481

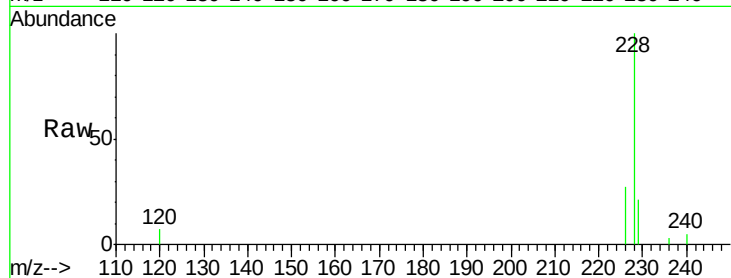
Tgt Ion:228 Resp: 4258

Ion Ratio Lower Upper

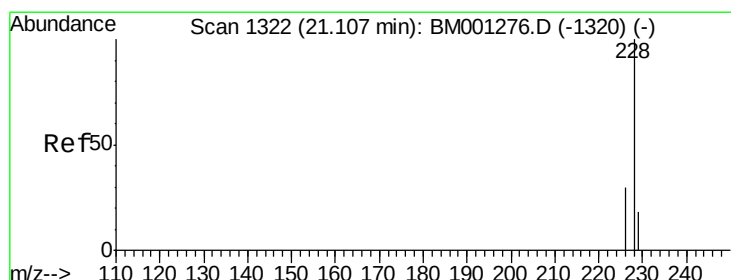
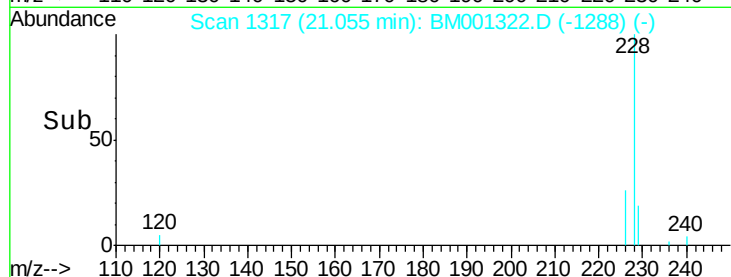
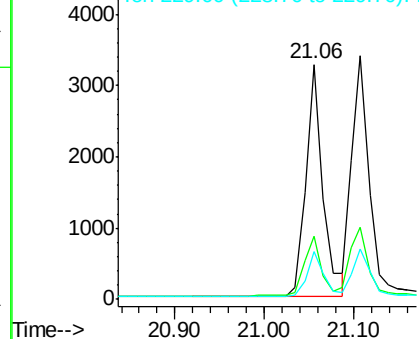
228 100

226 27.1 20.6 31.0

229 20.6 17.4 26.0



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



#19

Chrysene

Concen: 0.41 ng/ul

RT: 21.11 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

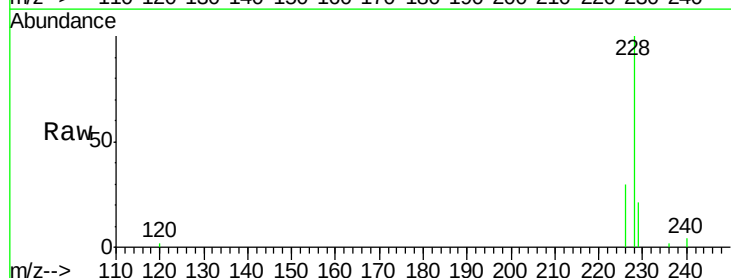
Tgt Ion:228 Resp: 4800

Ion Ratio Lower Upper

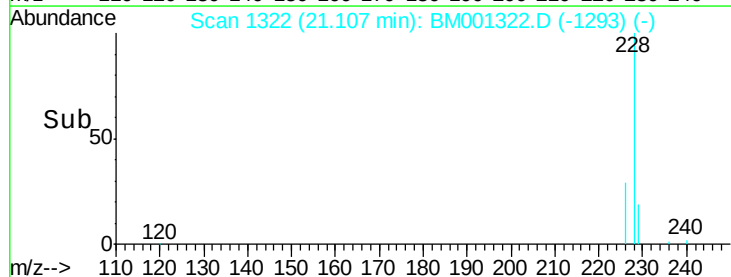
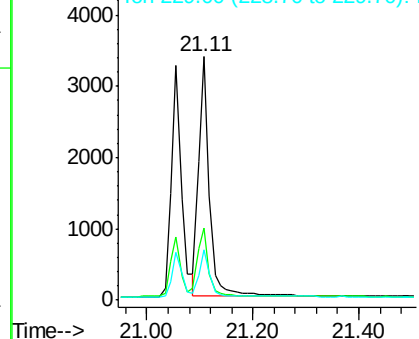
228 100

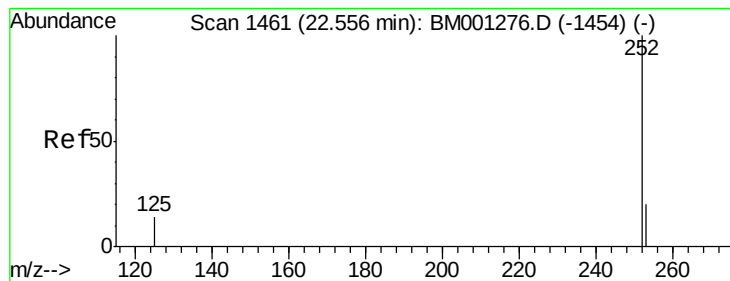
226 29.6 23.0 34.6

229 20.6 17.4 26.0



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: 0.42 ng/ul

RT: 22.56 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.481

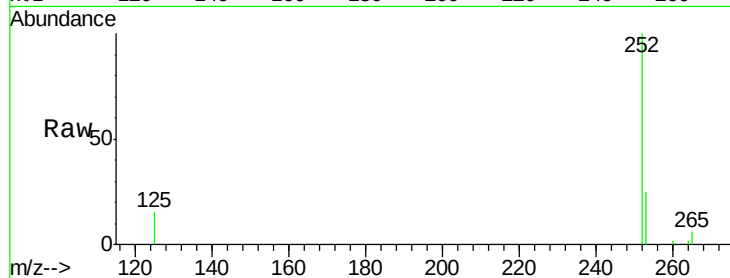
Tgt Ion:252 Resp: 4683

Ion Ratio Lower Upper

252 100

253 24.7 0.0 51.0

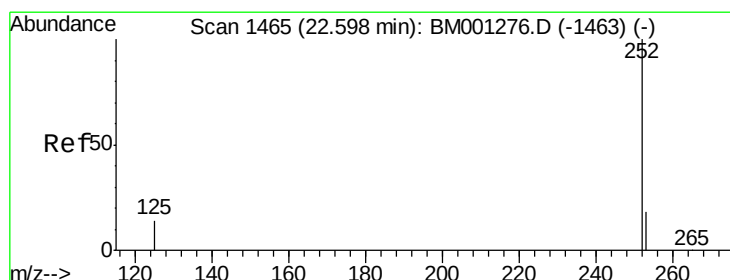
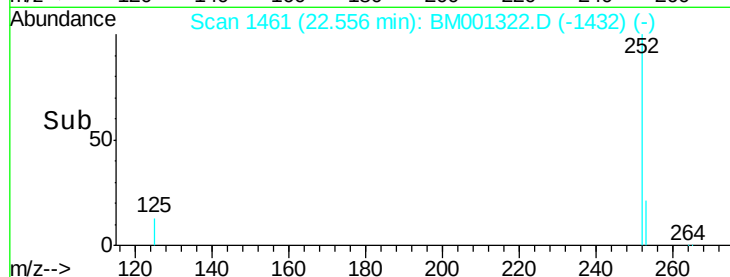
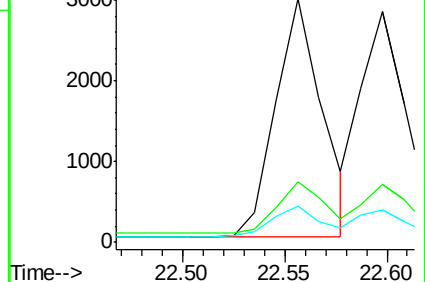
125 15.1 0.0 30.8



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



#22

Benzo(k)fluoranthene

Concen: 0.41 ng/ul

RT: 22.60 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

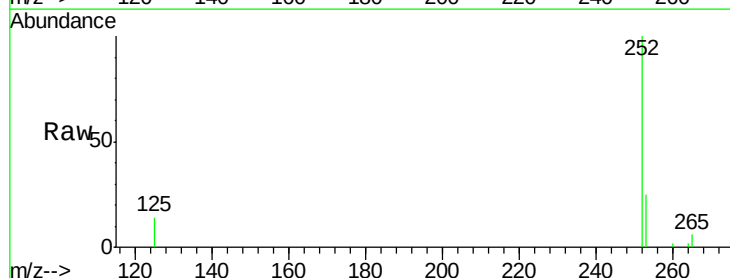
Tgt Ion:252 Resp: 4670

Ion Ratio Lower Upper

252 100

253 25.4 20.3 30.5

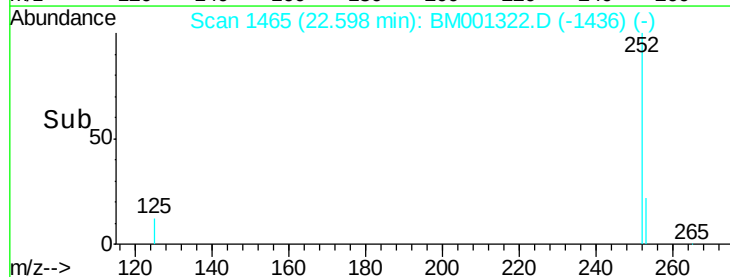
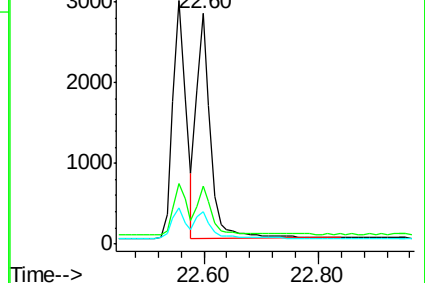
125 14.2 11.8 17.8

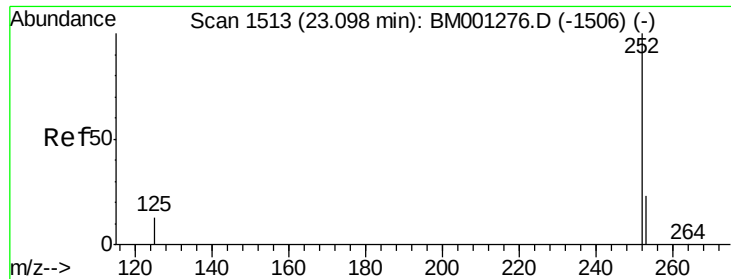


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.09 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.481

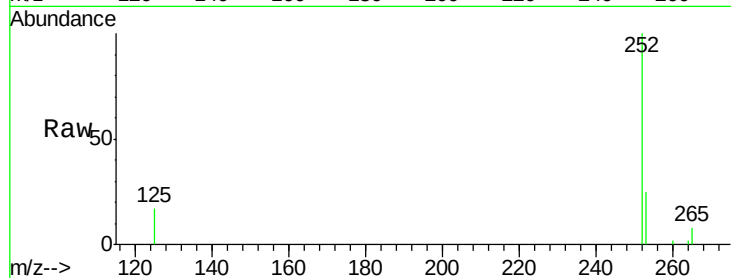
Tgt Ion:252 Resp: 4374

Ion Ratio Lower Upper

252 100

253 25.5 21.7 32.5

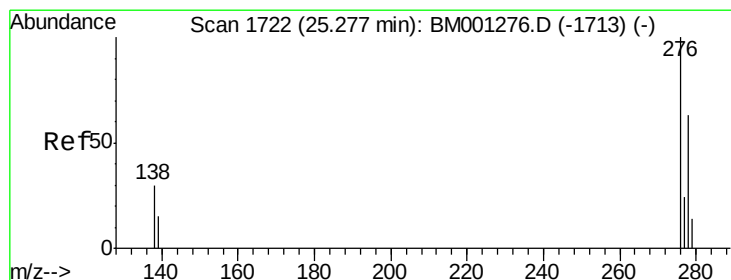
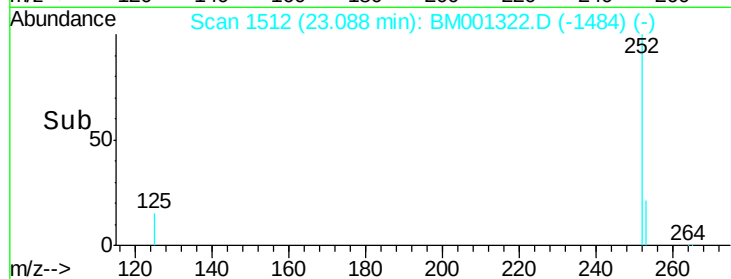
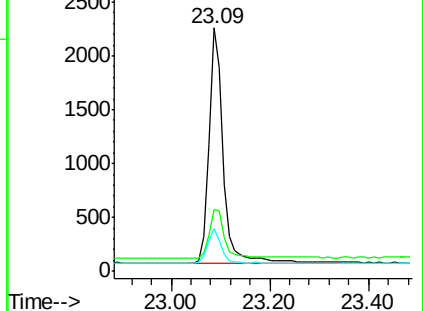
125 17.4 14.7 22.1



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.42 ng/ul

RT: 25.27 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BM001322.D

Acq: 15 May 2015 10:00

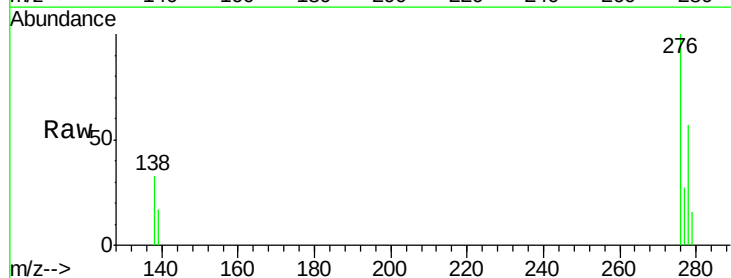
Tgt Ion:276 Resp: 4967

Ion Ratio Lower Upper

276 100

138 31.6 24.2 36.4

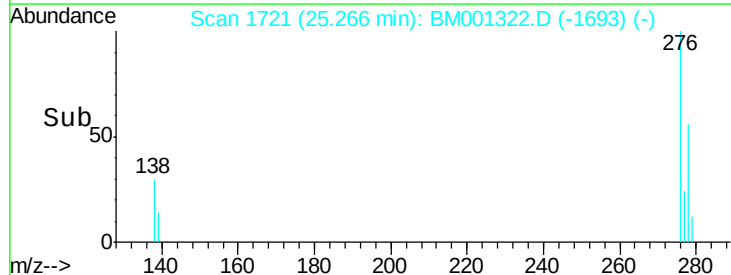
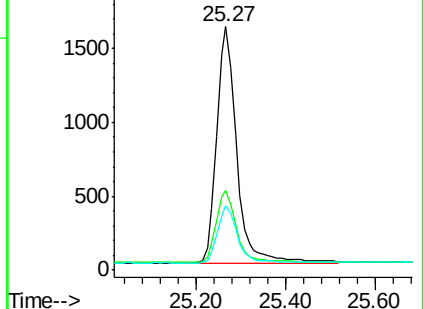
277 24.8 19.3 28.9

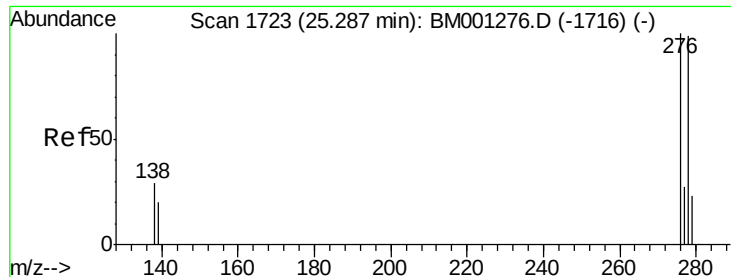


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

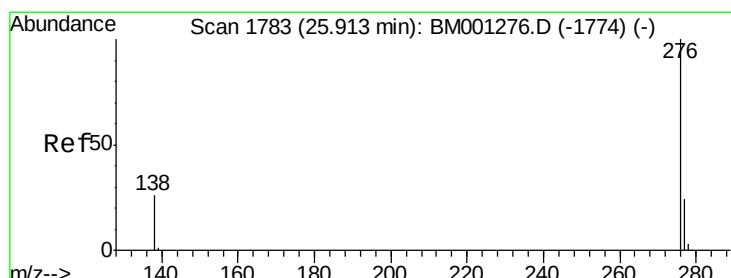
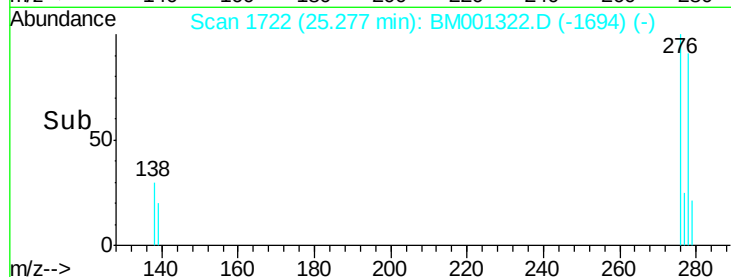
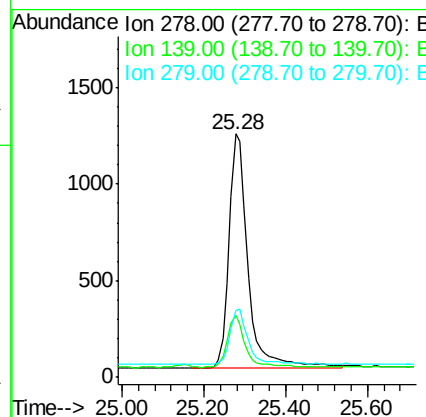
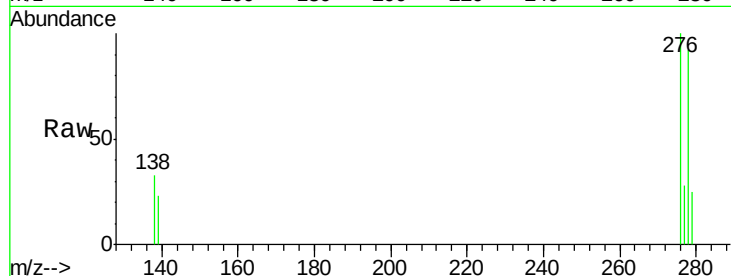




#25
Dibenzo(a,h)anthracene
Concen: 0.42 ng/ul
RT: 25.28 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BM001322.D
Acq: 15 May 2015 10:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.481

Tgt Ion: 278 Resp: 3921
Ion Ratio Lower Upper
278 100
139 25.4 18.6 28.0
279 27.5 23.2 34.8



#26
Benzo(g,h,i)perylene
Concen: 0.43 ng/ul
RT: 25.90 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BM001322.D
Acq: 15 May 2015 10:00

Tgt Ion: 276 Resp: 4466
Ion Ratio Lower Upper
276 100
277 25.5 20.9 31.3
138 28.1 23.3 34.9

