

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051715\
 Data File : BM001325.D
 Acq On : 15 May 2015 12:41
 Operator : TP/IZ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.482

Quant Time: May 16 02:27:57 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 : Sat May 16 02:13:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1103	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	3834	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	1944	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	4051	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	3418	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3236	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.83	152	1964	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	3500	0.40	ng/ul	0.00

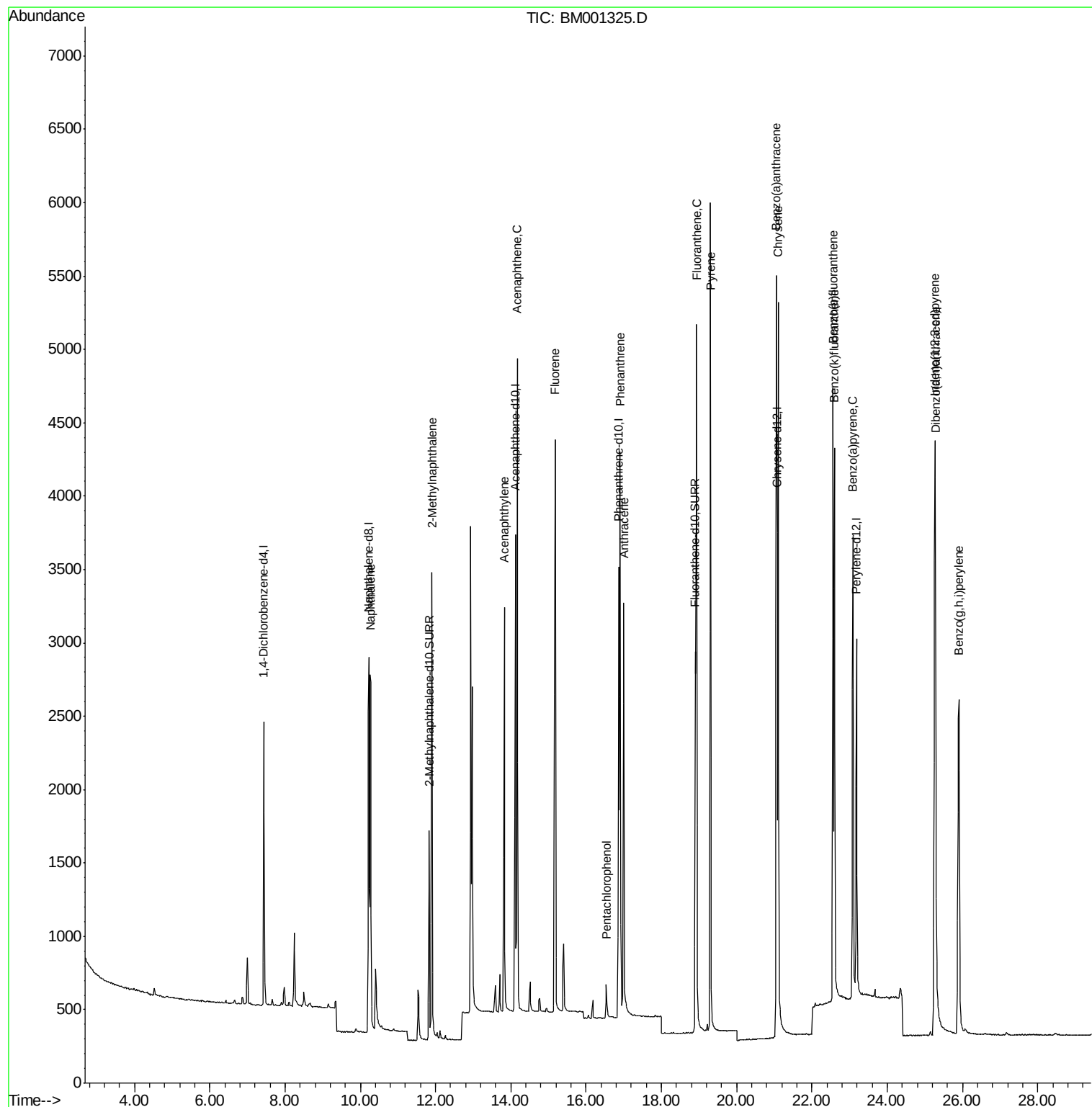
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.26	128	3845	0.40	ng/ul	97
5) 2-Methylnaphthalene	11.90	142	2555	0.40	ng/ul	99
7) Acenaphthylene	13.82	152	3481	0.41	ng/ul	99
8) Acenaphthene	14.17	153	2721	0.40	ng/ul	96
9) Fluorene	15.18	166	3036	0.40	ng/ul	94
11) Pentachlorophenol	16.53	266	234	0.27	ng/ul	92
12) Phenanthrene	16.91	178	4621	0.40	ng/ul	98
13) Anthracene	17.00	178	4269	0.40	ng/ul	99
15) Fluoranthene	18.94	202	5146	0.40	ng/ul	99
17) Pyrene	19.30	202	5348	0.40	ng/ul	99
18) Benzo(a)anthracene	21.06	228	4250	0.41	ng/ul	99
19) Chrysene	21.11	228	5032	0.42	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	4870	0.42	ng/ul	99
22) Benzo(k)fluoranthene	22.60	252	4630	0.39	ng/ul	99
23) Benzo(a)pyrene	23.09	252	4572	0.41	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.27	276	5143	0.42	ng/ul	98
25) Dibenzo(a,h)anthracene	25.28	278	4081	0.42	ng/ul	97
26) Benzo(g,h,i)perylene	25.90	276	4567	0.42	ng/ul	99

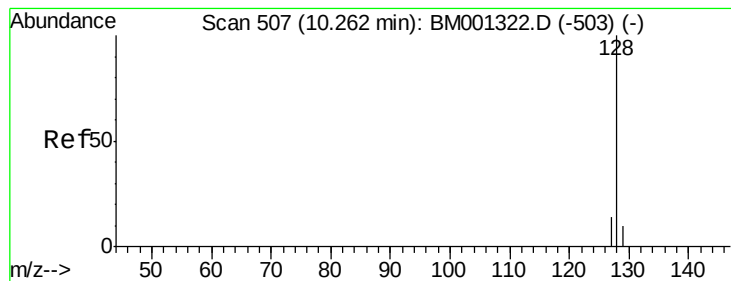
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.40 ng/ul

RT: 10.26 min Scan# 507

Delta R.T. 0.00 min

Lab File: BM001325.D

Acq: 15 May 2015 12:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.482

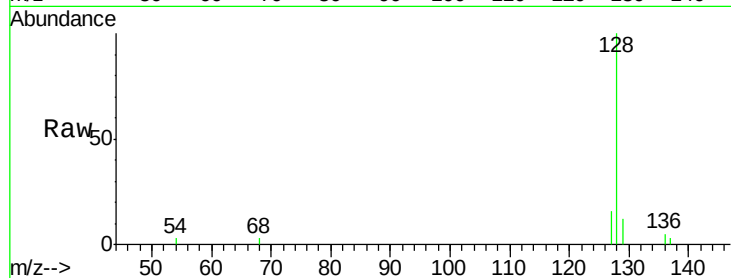
Tgt Ion:128 Resp: 3845

Ion Ratio Lower Upper

128 100

129 12.1 10.4 15.6

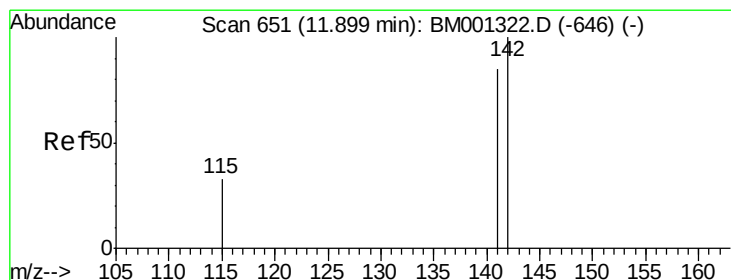
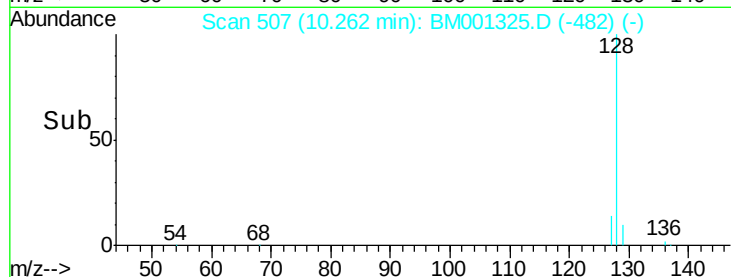
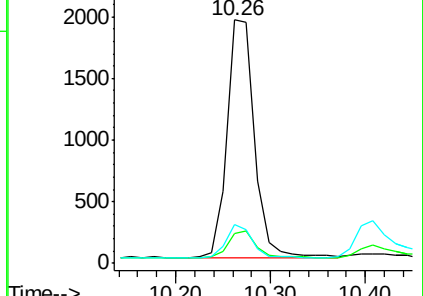
127 15.7 11.3 16.9



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: 0.40 ng/ul

RT: 11.90 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM001325.D

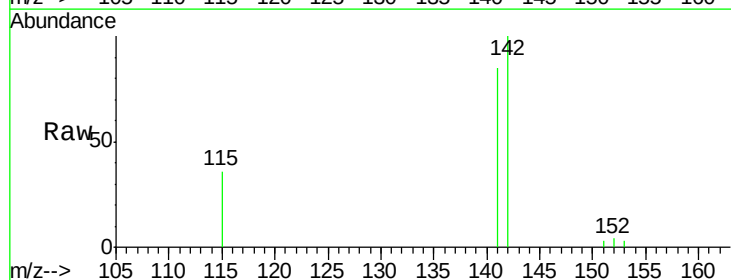
Acq: 15 May 2015 12:41

Tgt Ion:142 Resp: 2555

Ion Ratio Lower Upper

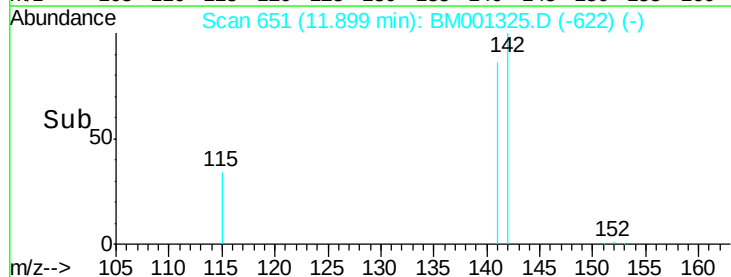
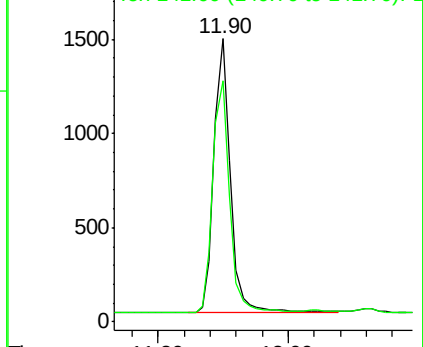
142 100

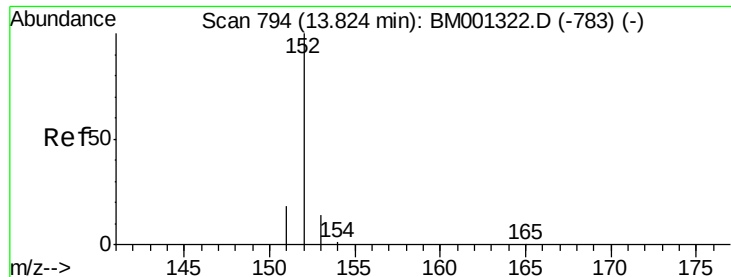
141 87.3 70.8 106.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.41 ng/ul

RT: 13.82 min Scan# 794

Delta R.T. 0.00 min

Lab File: BM001325.D

Acq: 15 May 2015 12:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.482

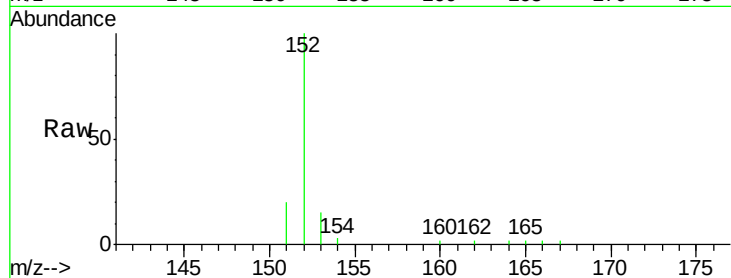
Tgt Ion:152 Resp: 3481

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

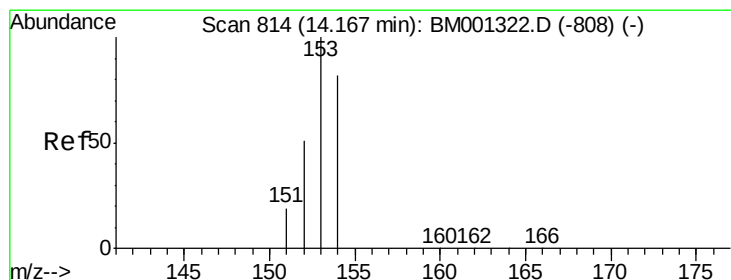
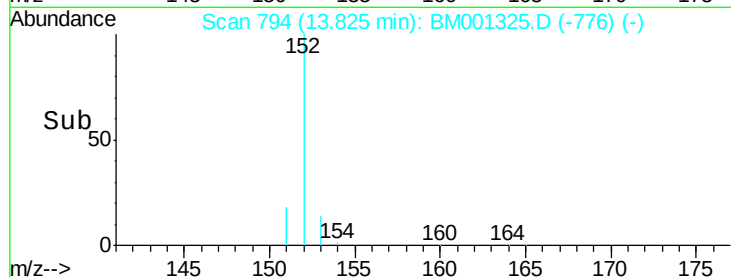
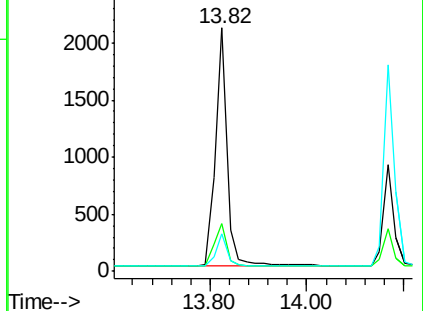
153 15.5 13.3 19.9



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: 0.40 ng/ul

RT: 14.17 min Scan# 814

Delta R.T. 0.00 min

Lab File: BM001325.D

Acq: 15 May 2015 12:41

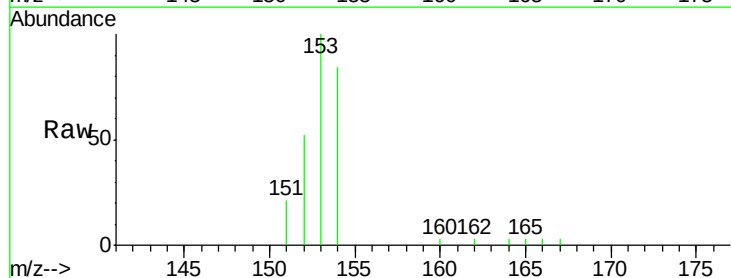
Tgt Ion:153 Resp: 2721

Ion Ratio Lower Upper

153 100

152 51.7 39.4 59.0

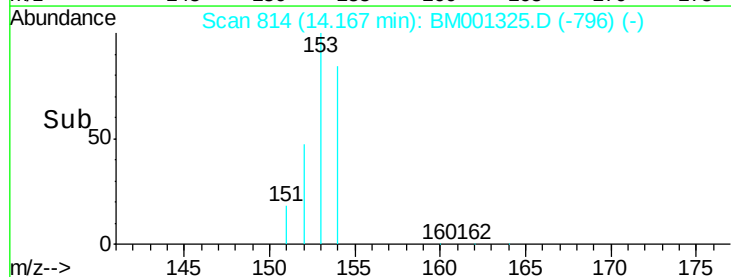
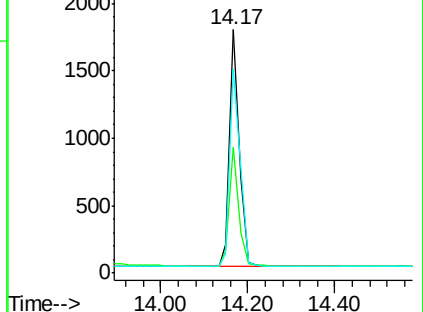
154 83.7 70.6 105.8

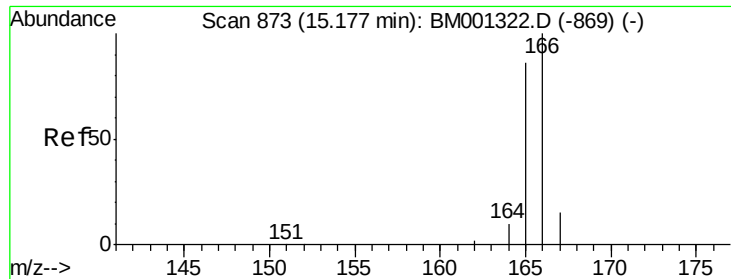


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

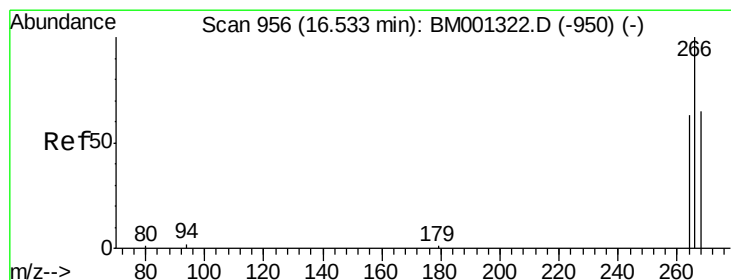
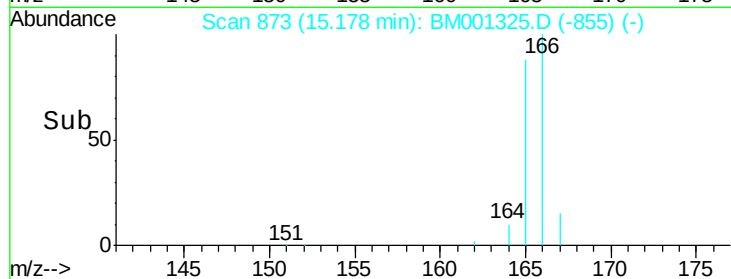
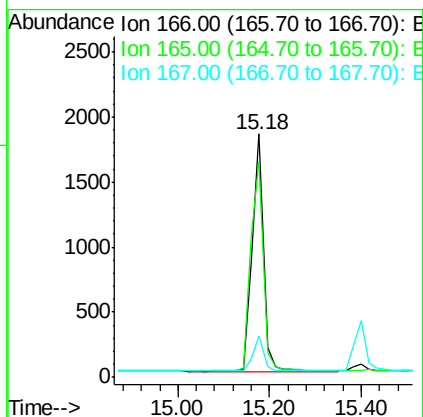
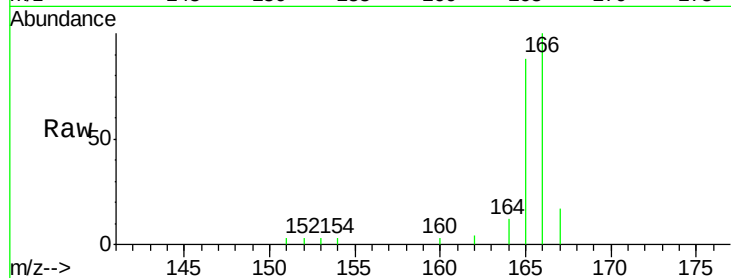




#9
Fluorene
 Concen: 0.40 ng/ul
 RT: 15.18 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BM001325.D
 Acq: 15 May 2015 12:41

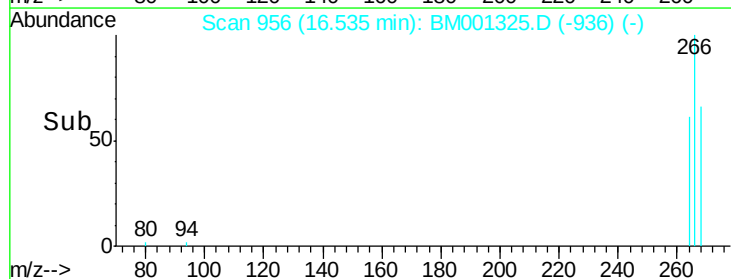
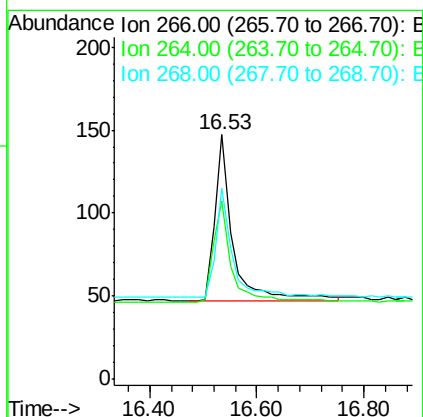
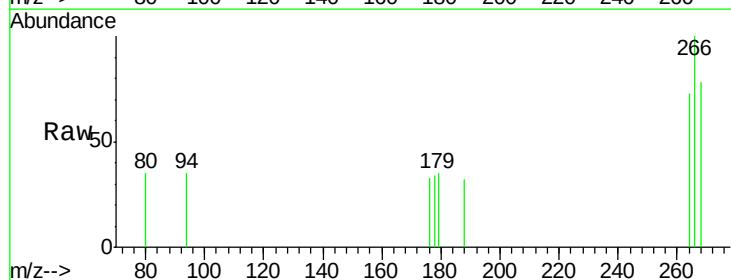
Instrument :
 BNA_M
 ClientSampleId :
 SST0.482

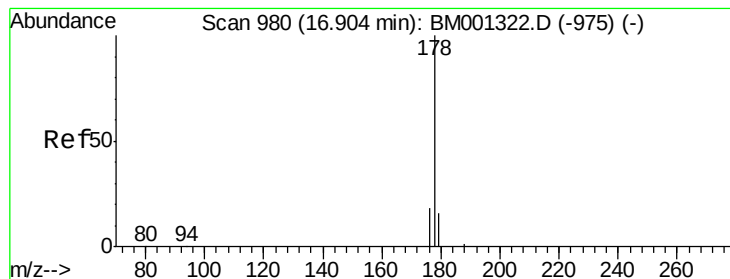
Tgt Ion:166 Resp: 3036
 Ion Ratio Lower Upper
 166 100
 165 88.5 66.2 99.2
 167 16.9 14.7 22.1



#11
Pentachlorophenol
 Concen: 0.27 ng/ul
 RT: 16.53 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BM001325.D
 Acq: 15 May 2015 12:41

Tgt Ion:266 Resp: 234
 Ion Ratio Lower Upper
 266 100
 264 59.8 54.6 81.8
 268 59.8 51.2 76.8





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 16.91 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001325.D

Acq: 15 May 2015 12:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.482

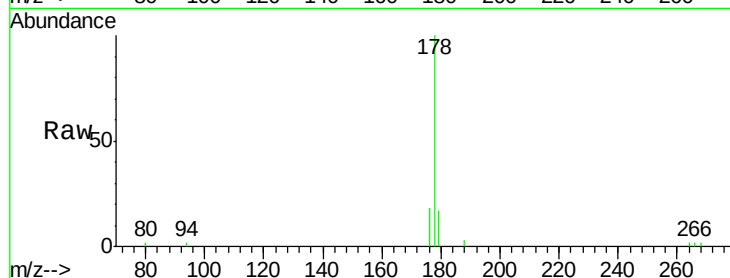
Tgt Ion:178 Resp: 4621

Ion Ratio Lower Upper

178 100

176 18.4 14.3 21.5

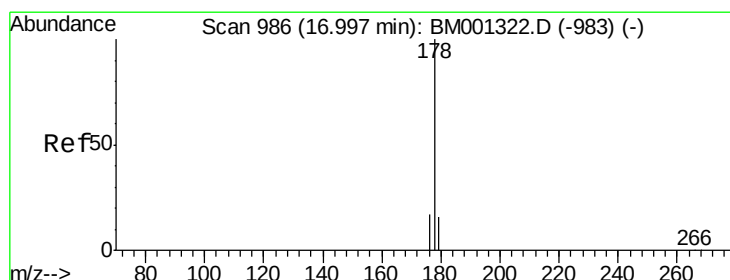
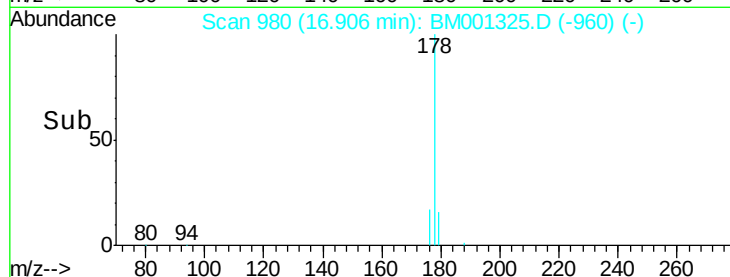
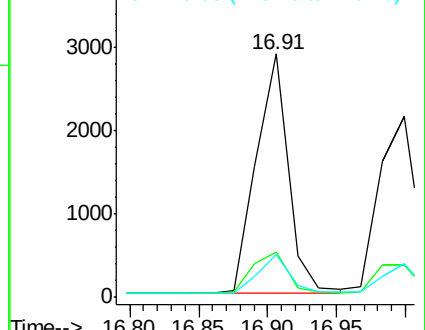
179 17.4 14.9 22.3



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: 0.40 ng/ul

RT: 17.00 min Scan# 986

Delta R.T. 0.00 min

Lab File: BM001325.D

Acq: 15 May 2015 12:41

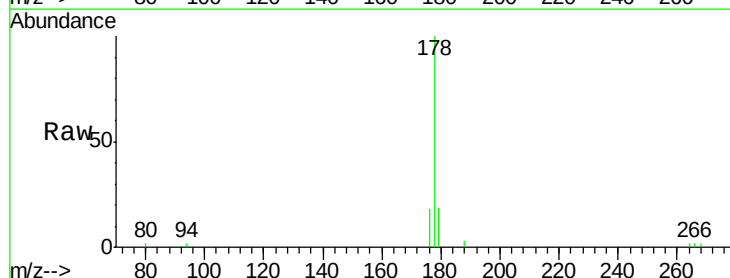
Tgt Ion:178 Resp: 4269

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

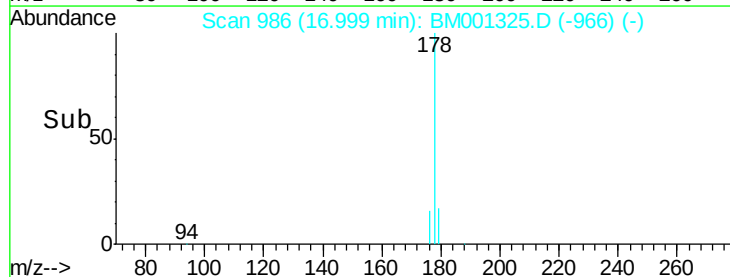
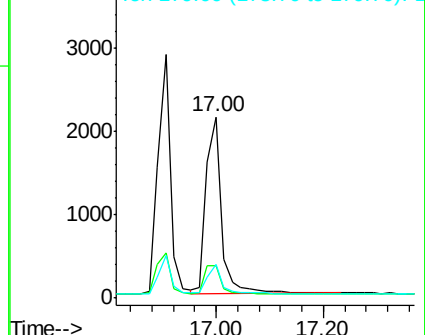
179 18.6 15.3 22.9

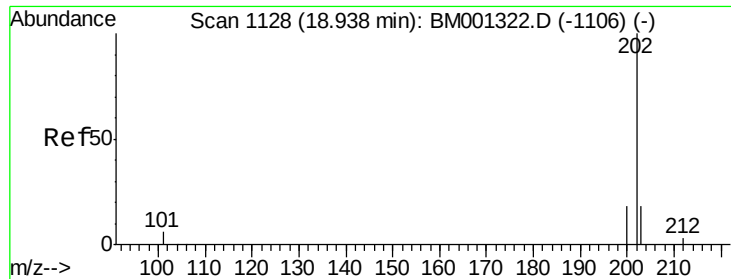


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

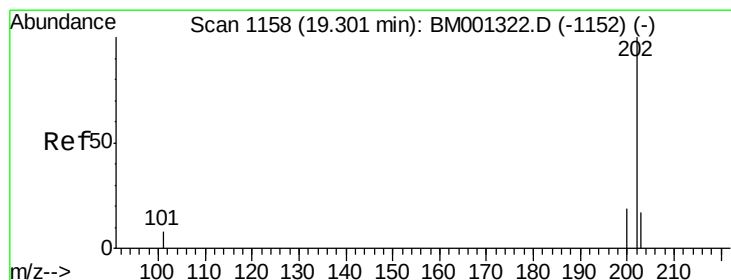
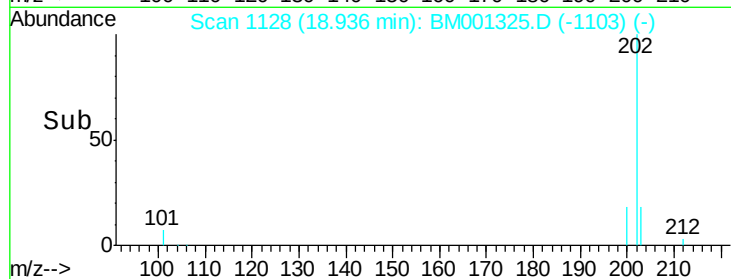
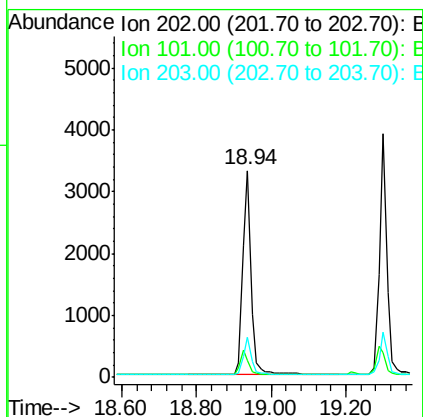
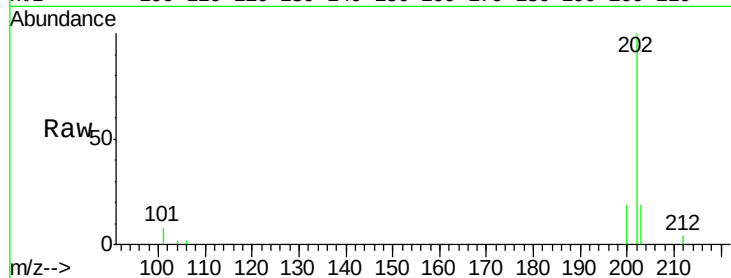




#15
Fluoranthene
Concen: 0.40 ng/ul
RT: 18.94 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BM001325.D
Acq: 15 May 2015 12:41

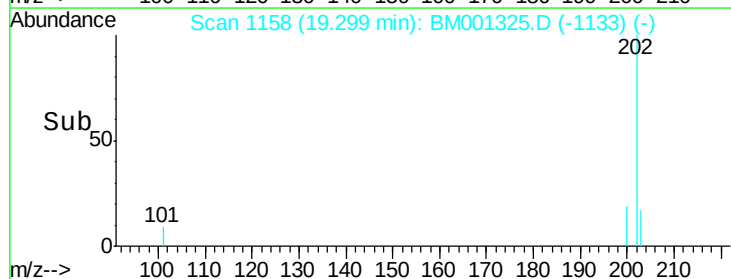
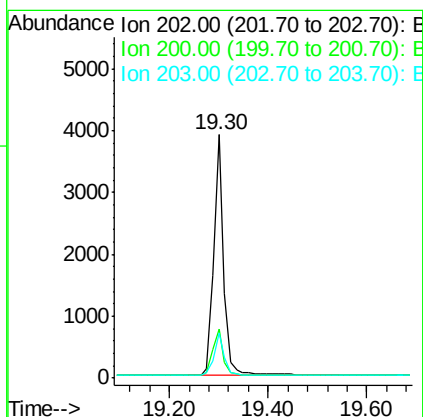
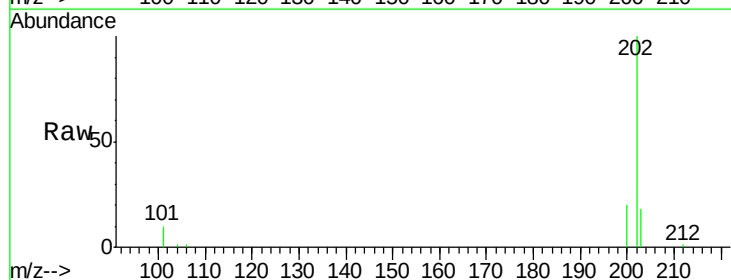
Instrument :
BNA_M
ClientSampleId :
SSTD0.482

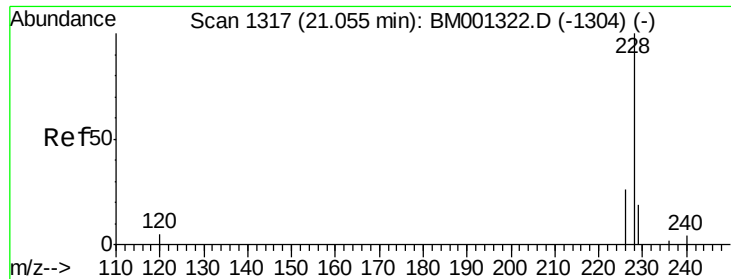
Tgt Ion:202 Resp: 5146
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.1
203 19.5 0.0 38.6



#17
Pyrene
Concen: 0.40 ng/ul
RT: 19.30 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BM001325.D
Acq: 15 May 2015 12:41

Tgt Ion:202 Resp: 5348
Ion Ratio Lower Upper
202 100
200 20.1 16.8 25.2
203 18.3 15.0 22.4





#18

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.06 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BM001325.D

Acq: 15 May 2015 12:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.482

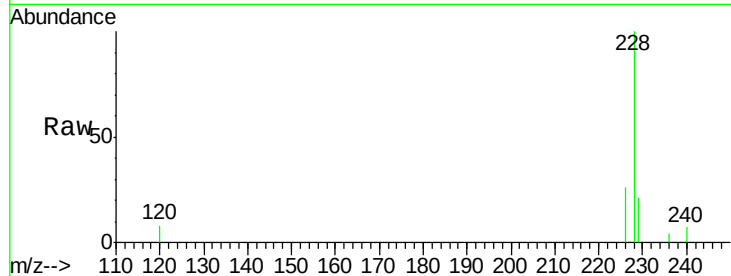
Tgt Ion:228 Resp: 4250

Ion Ratio Lower Upper

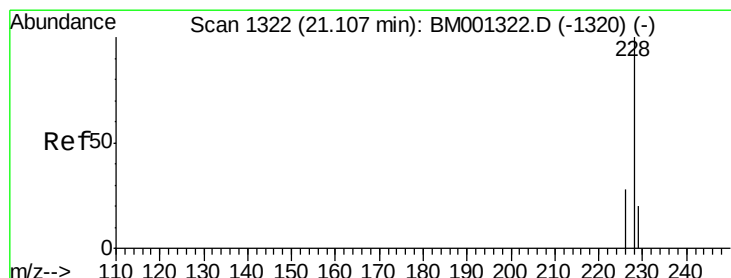
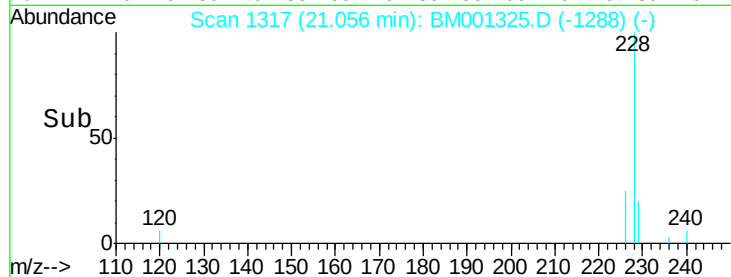
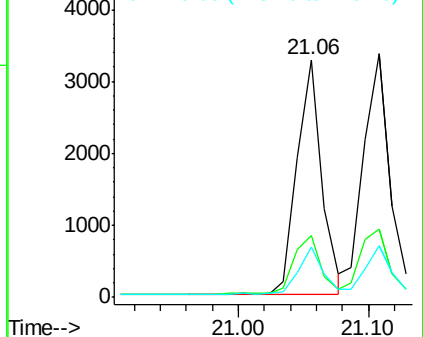
228 100

226 26.1 20.6 31.0

229 21.2 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: 0.42 ng/ul

RT: 21.11 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BM001325.D

Acq: 15 May 2015 12:41

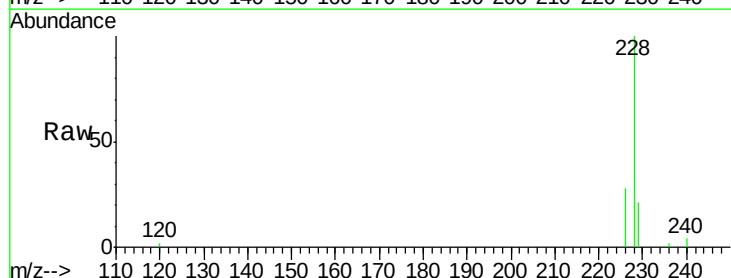
Tgt Ion:228 Resp: 5032

Ion Ratio Lower Upper

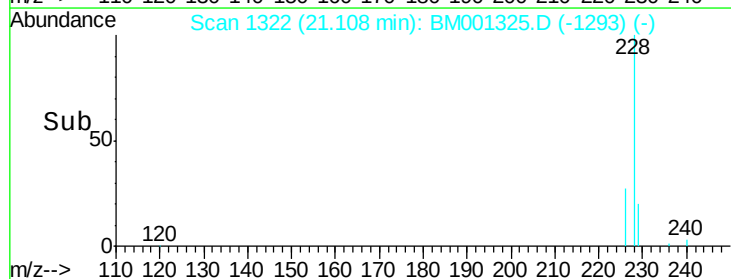
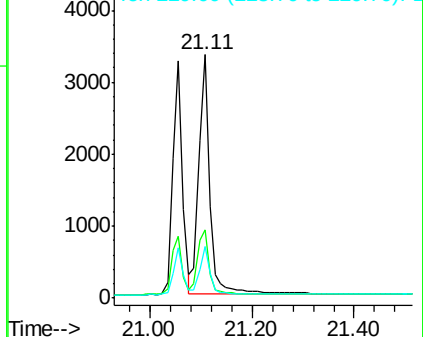
228 100

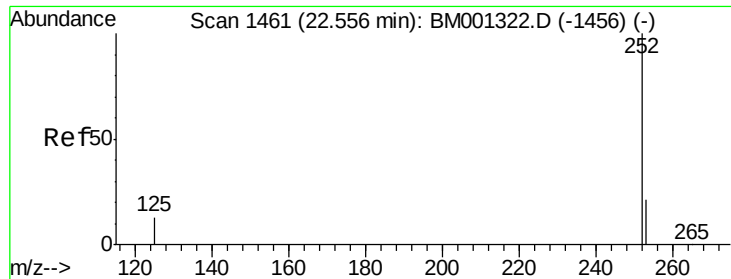
226 27.8 23.0 34.6

229 21.2 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: BM001325.D

Acq: 15 May 2015 12:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.482

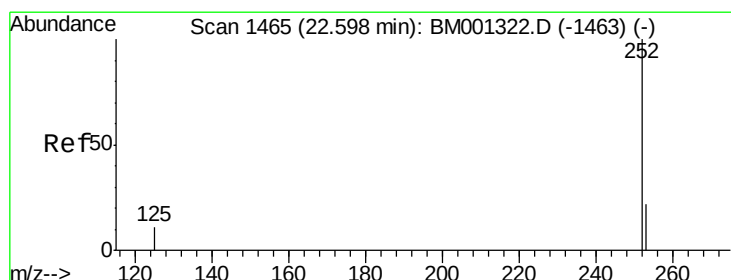
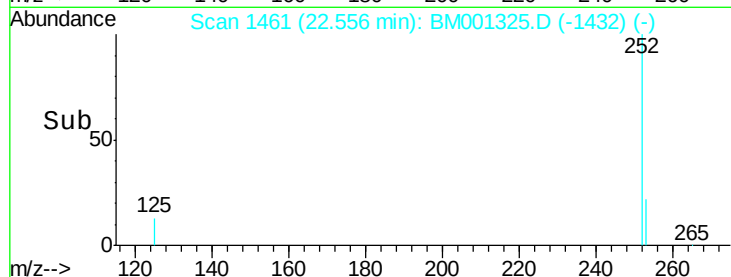
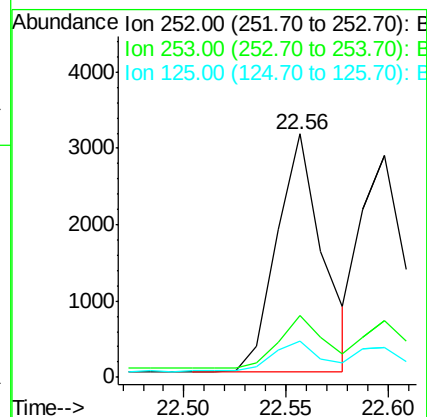
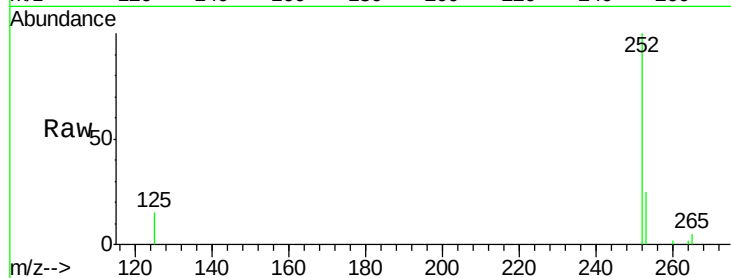
Tgt Ion:252 Resp: 4870

Ion Ratio Lower Upper

252 100

253 25.2 0.0 51.0

125 14.7 0.0 30.8



#22

Benzo(k)fluoranthene

Concen: 0.39 ng/ul

RT: 22.60 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BM001325.D

Acq: 15 May 2015 12:41

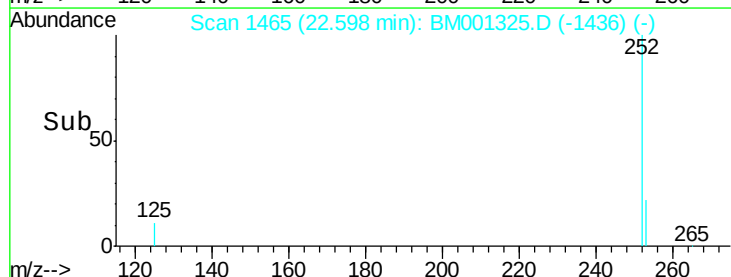
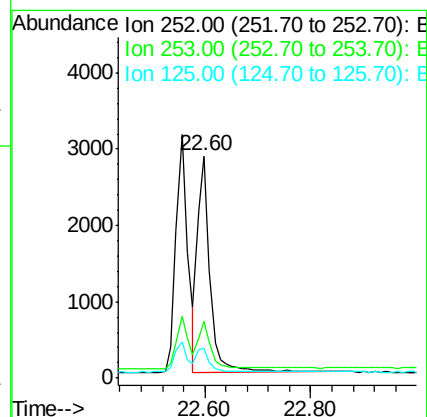
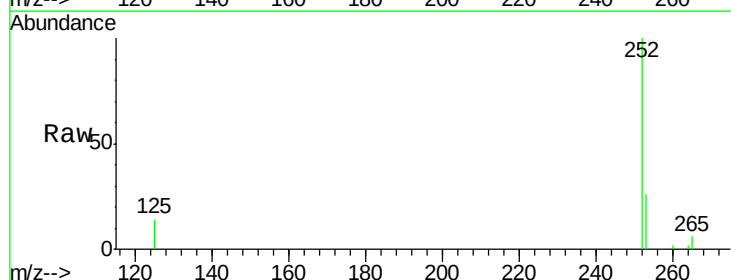
Tgt Ion:252 Resp: 4630

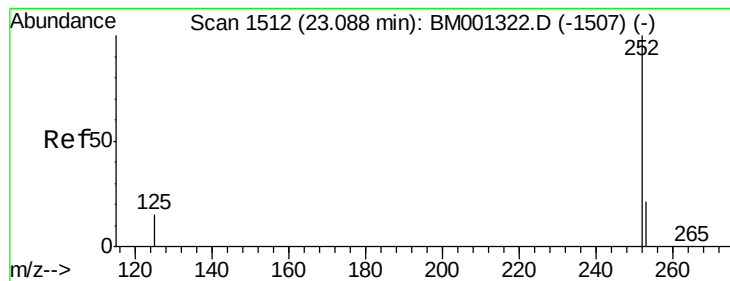
Ion Ratio Lower Upper

252 100

253 25.5 20.3 30.5

125 13.6 11.8 17.8





#23

Benzo(a)pyrene

Concen: 0.41 ng/ul

RT: 23.09 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BM001325.D

Acq: 15 May 2015 12:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.482

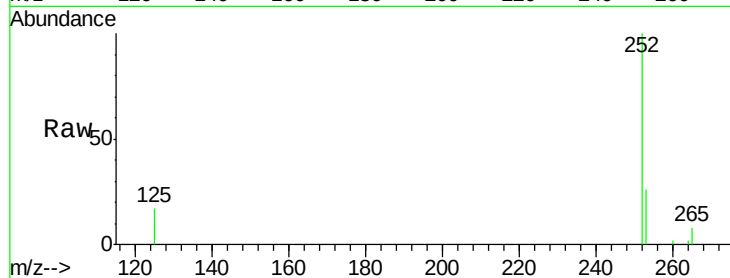
Tgt Ion:252 Resp: 4572

Ion Ratio Lower Upper

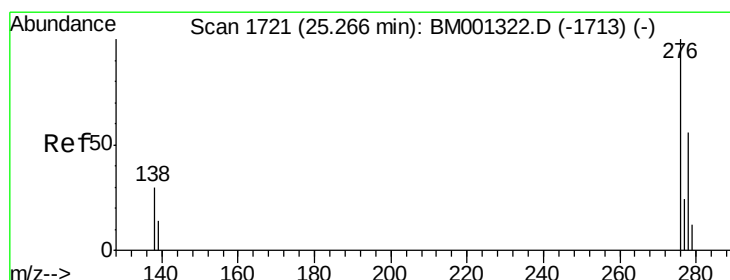
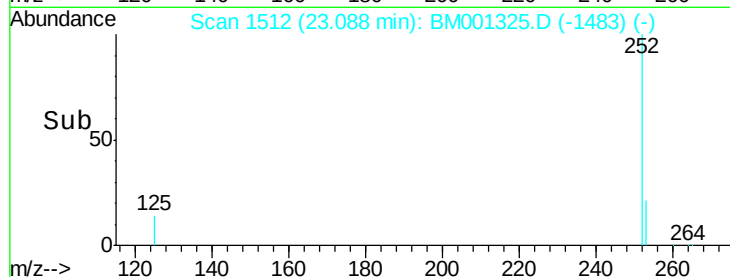
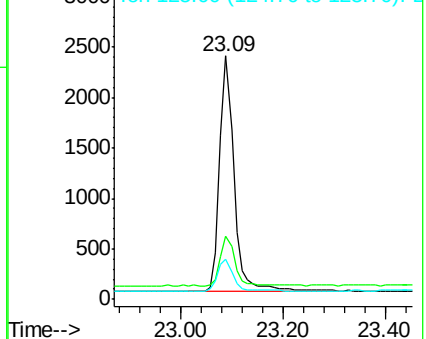
252 100

253 25.8 21.7 32.5

125 16.7 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. 0.00 min

Lab File: BM001325.D

Acq: 15 May 2015 12:41

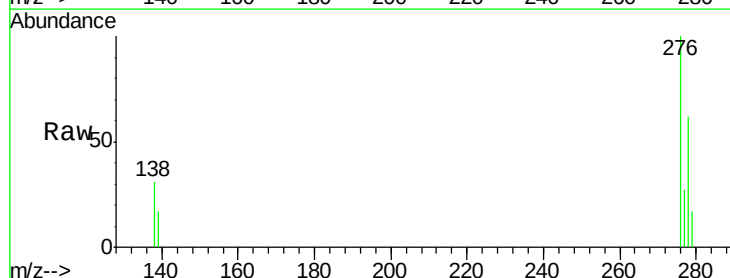
Tgt Ion:276 Resp: 5143

Ion Ratio Lower Upper

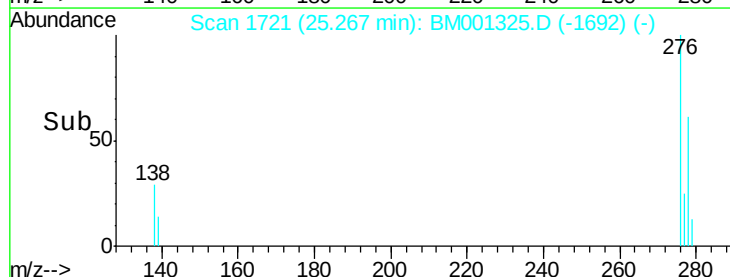
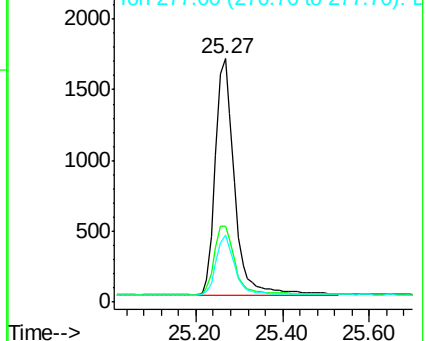
276 100

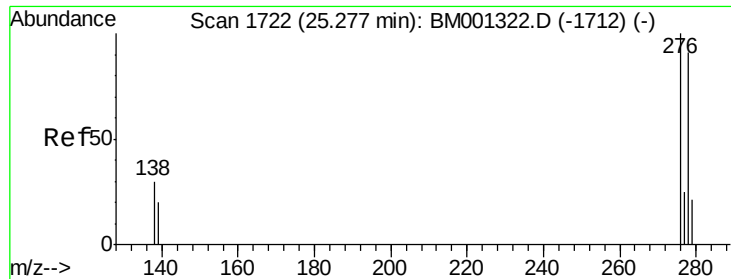
138 31.2 24.2 36.4

277 24.9 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

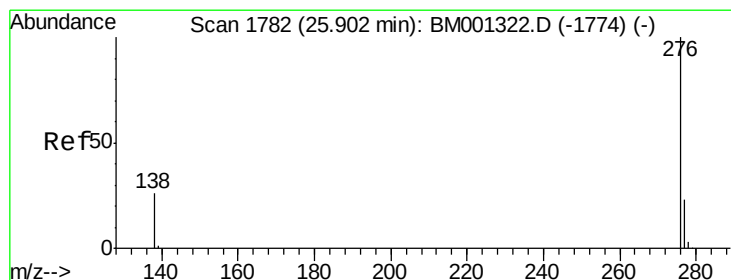
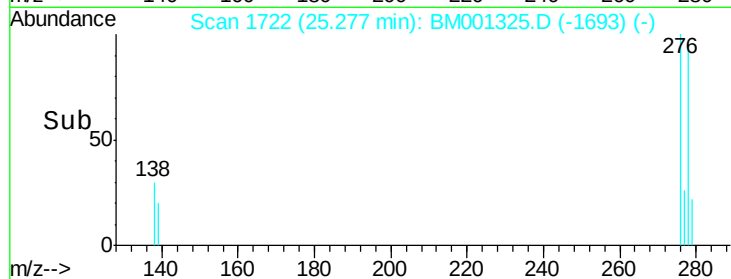
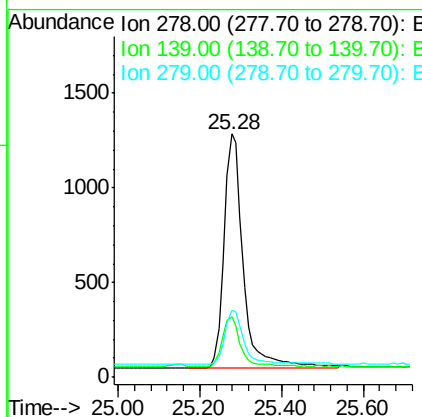
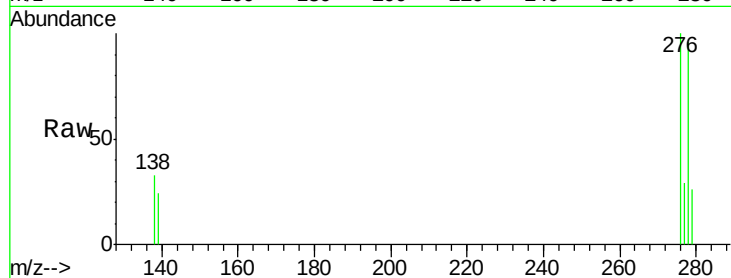




#25
Dibenzo(a,h)anthracene
Concen: 0.42 ng/ul
RT: 25.28 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM001325.D
Acq: 15 May 2015 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.482

Tgt Ion:278 Resp: 4081
Ion Ratio Lower Upper
278 100
139 24.8 18.6 28.0
279 27.3 23.2 34.8



#26
Benzo(g,h,i)perylene
Concen: 0.42 ng/ul
RT: 25.90 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BM001325.D
Acq: 15 May 2015 12:41

Tgt Ion:276 Resp: 4567
Ion Ratio Lower Upper
276 100
277 26.1 20.9 31.3
138 28.2 23.3 34.9

