

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031615\
 Data File : BM000715.D
 Acq On : 16 Mar 2015 13:56
 Operator : TP/IZ
 Sample : SSTD1.687
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.687

Quant Time: Mar 17 03:37:20 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 04:25:21 2015
 Response via : Initial Calibration

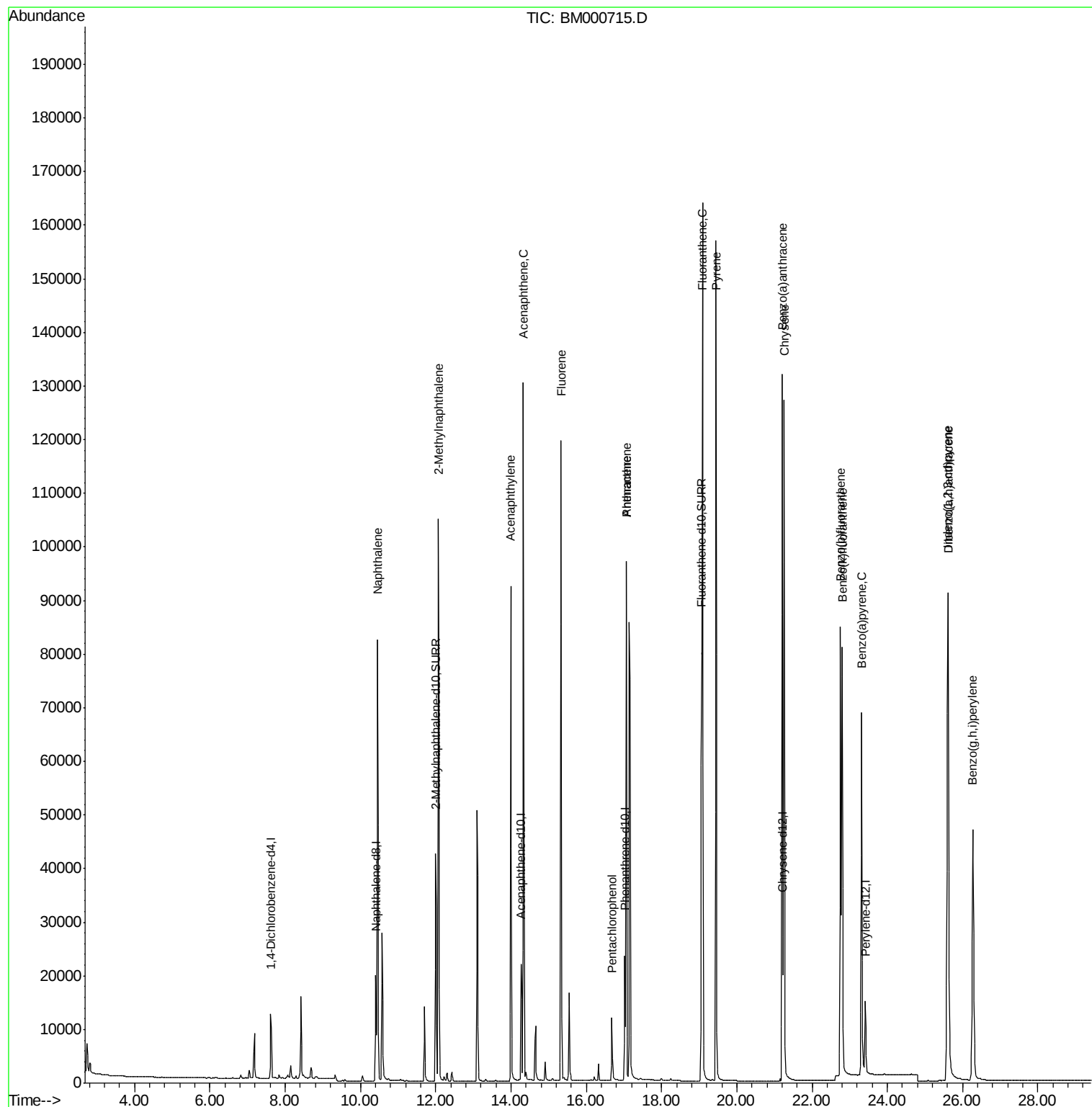
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	7366	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	26483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	13717	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	27898	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	22431	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	18144	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	54404	1.58	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	94670	1.53	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	110849	1.57	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	75848	1.61	ng/ul	100
7) Acenaphthylene	14.00	152	109561	1.82	ng/ul	100
8) Acenaphthene	14.33	153	80108	1.75	ng/ul	99
9) Fluorene	15.34	166	90699	1.68	ng/ul	98
11) Pentachlorophenol	16.68	266	8835	2.86	ng/ul	99
12) Phenanthrene	17.07	178	134098	1.61	ng/ul	100
13) Anthracene	17.07	178	134098	1.77	ng/ul	98
15) Fluoranthene	19.09	202	147214	1.56	ng/ul	99
17) Pyrene	19.45	202	145672	1.66	ng/ul	99
18) Benzo(a)anthracene	21.21	228	114734	1.66	ng/ul	98
19) Chrysene	21.26	228	124159	1.51	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	105335	1.51	ng/ul	93
22) Benzo(k)fluoranthene	22.80	252	113209	1.73	ng/ul	97
23) Benzo(a)pyrene	23.31	252	100052	1.60	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.61	276	109014	1.61	ng/ul	99
25) Dibenzo(a,h)anthracene	25.62	278	88299	1.64	ng/ul	97
26) Benzo(g,h,i)perylene	26.27	276	93057	1.55	ng/ul	99

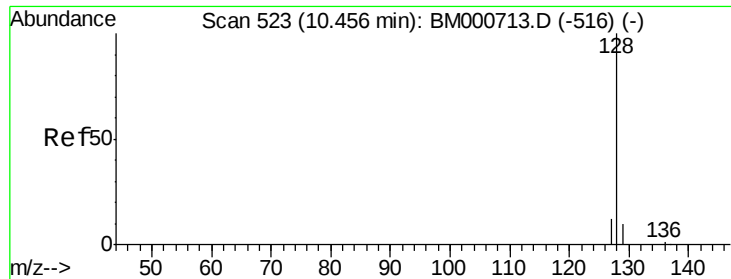
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 17 04:25:21 2015
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#3

Naphthalene

Concen: 1.57 ng/ul

RT: 10.46 min Scan# 523

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

Instrument :

BNA_M

ClientSampleId :

SSTD1.687

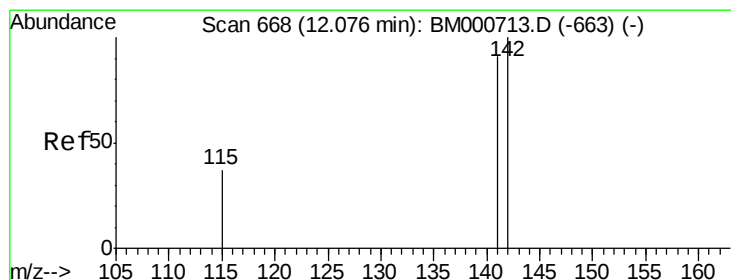
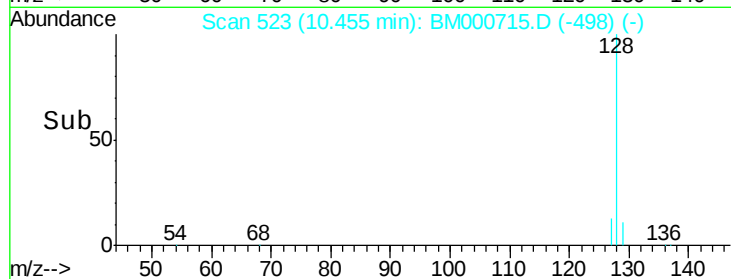
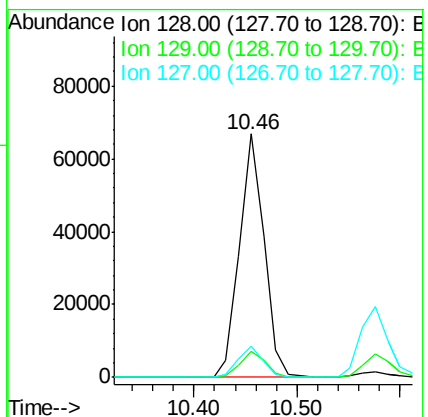
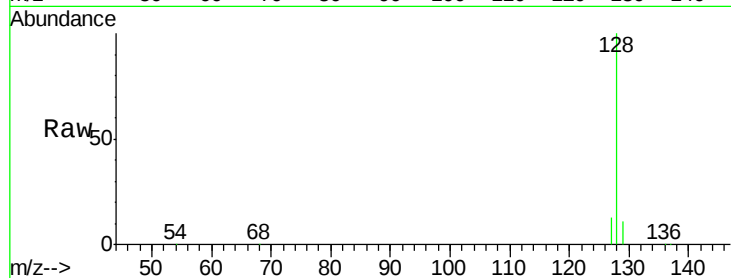
Tgt Ion:128 Resp: 110849

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.6 10.2 15.2



#5

2-Methylnaphthalene

Concen: 1.61 ng/ul

RT: 12.08 min Scan# 668

Delta R.T. -0.00 min

Lab File: BM000715.D

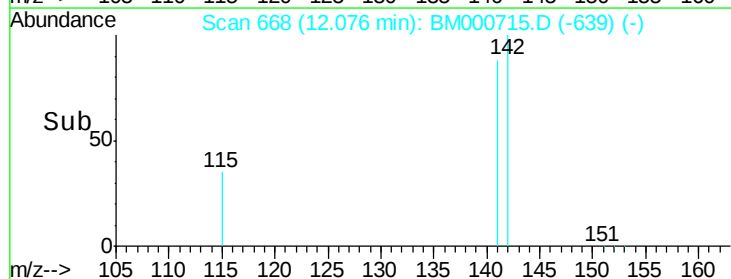
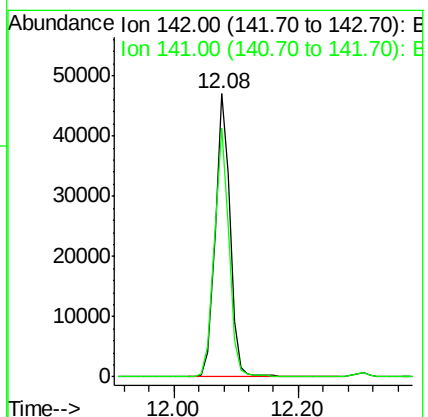
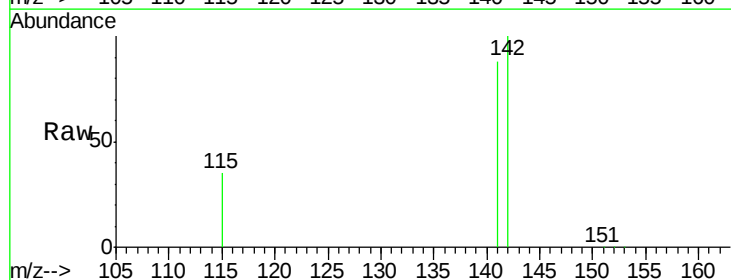
Acq: 16 Mar 2015 13:56

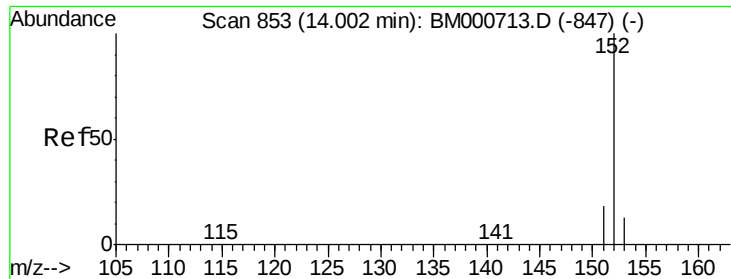
Tgt Ion:142 Resp: 75848

Ion Ratio Lower Upper

142 100

141 87.1 69.9 104.9





#7

Acenaphthylene

Concen: 1.82 ng/ul

RT: 14.00 min Scan# 853

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

Instrument :

BNA_M

ClientSampleId :

SSTD1.687

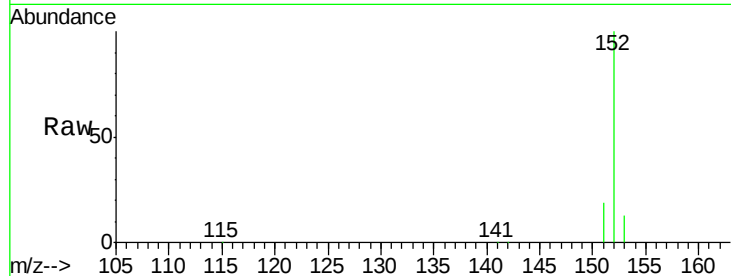
Tgt Ion:152 Resp: 109561

Ion Ratio Lower Upper

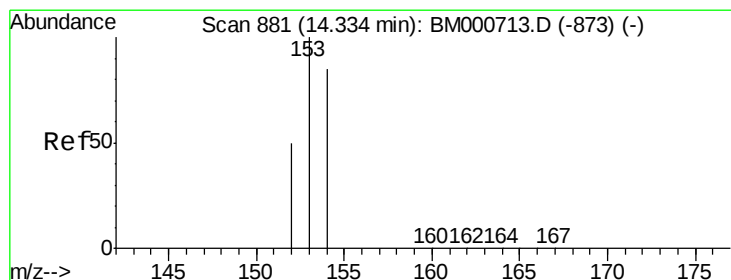
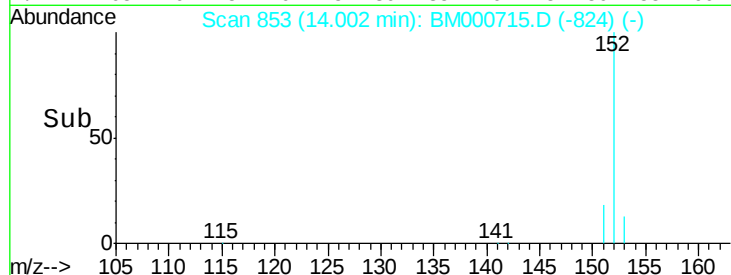
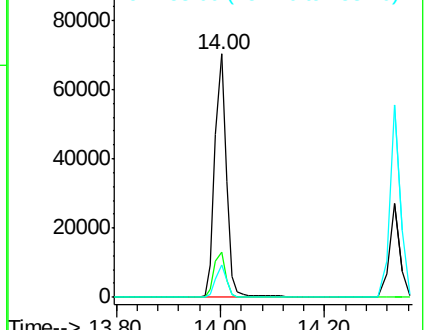
152 100

151 18.5 15.0 22.4

153 13.2 10.5 15.7



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: 1.75 ng/ul

RT: 14.33 min Scan# 881

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

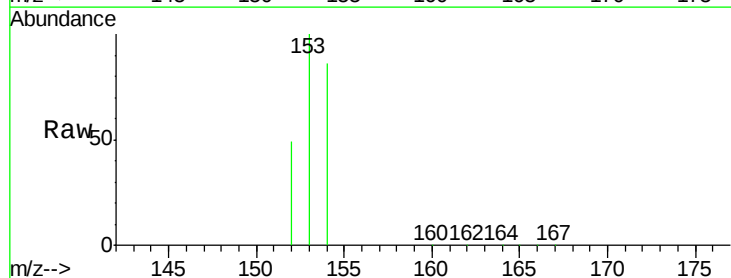
Tgt Ion:153 Resp: 80108

Ion Ratio Lower Upper

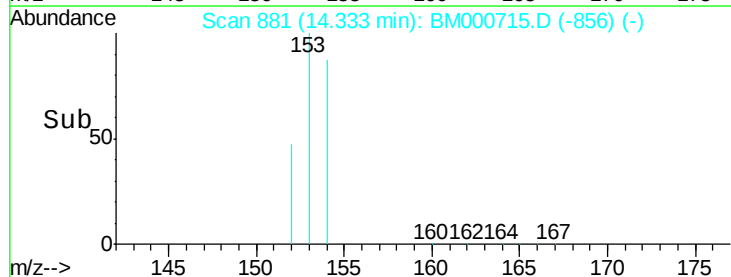
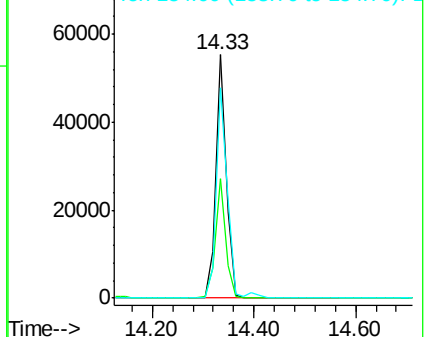
153 100

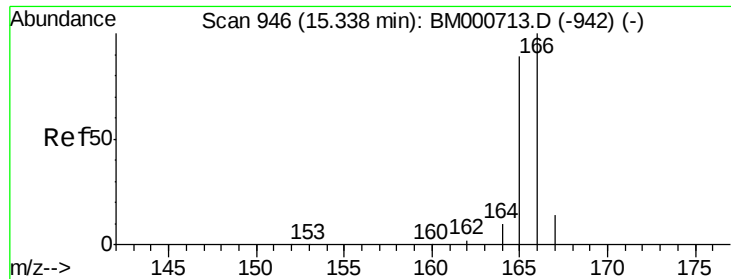
152 49.1 40.2 60.4

154 86.1 68.0 102.0



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

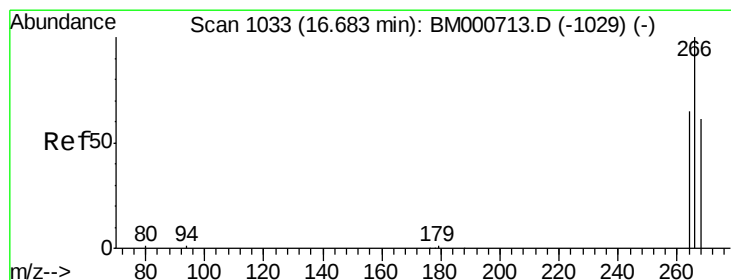
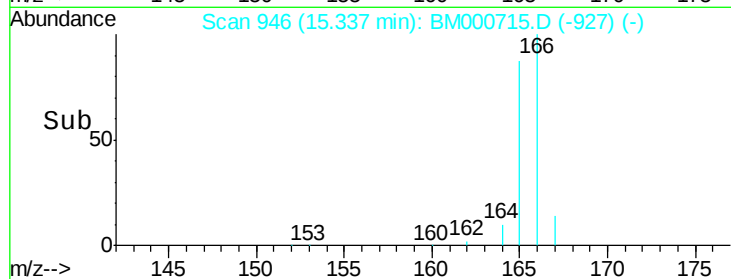
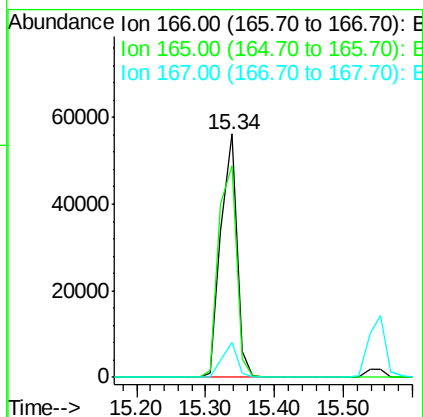
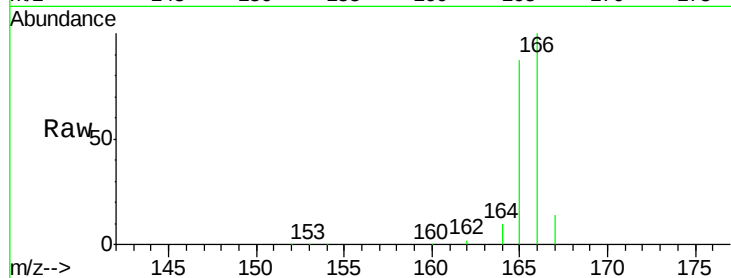




#9
Fluorene
 Concen: 1.68 ng/ul
 RT: 15.34 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BM000715.D
 Acq: 16 Mar 2015 13:56

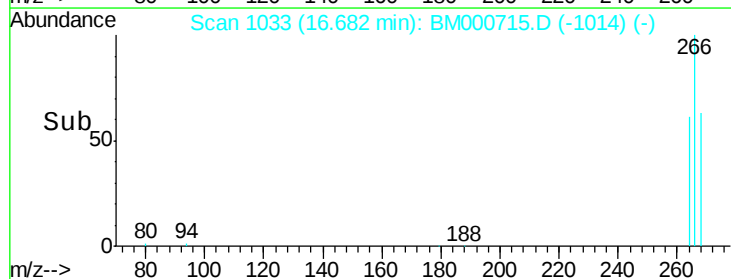
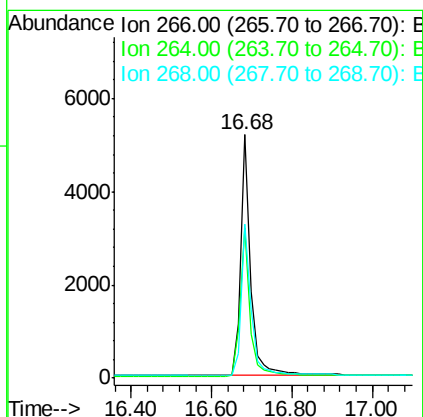
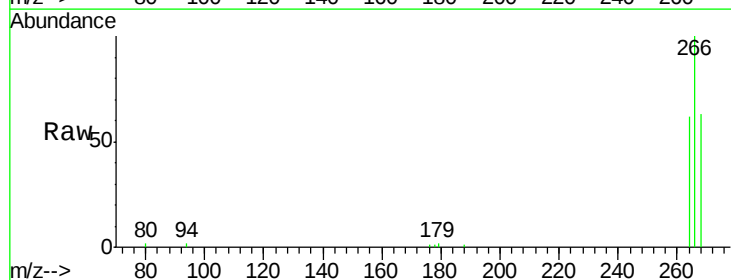
Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.687

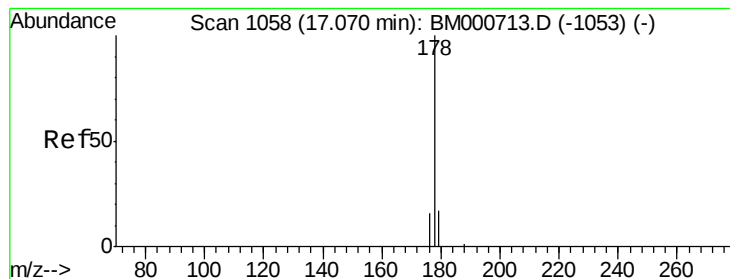
Tgt Ion:166 Resp: 90699
 Ion Ratio Lower Upper
 166 100
 165 87.0 71.0 106.4
 167 14.2 11.4 17.2



#11
Pentachlorophenol
 Concen: 2.86 ng/ul
 RT: 16.68 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BM000715.D
 Acq: 16 Mar 2015 13:56

Tgt Ion:266 Resp: 8835
 Ion Ratio Lower Upper
 266 100
 264 61.7 50.3 75.5
 268 63.9 50.5 75.7





#12

Phenanthrene

Concen: 1.61 ng/ul

RT: 17.07 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

Instrument :

BNA_M

ClientSampleId :

SSTD1.687

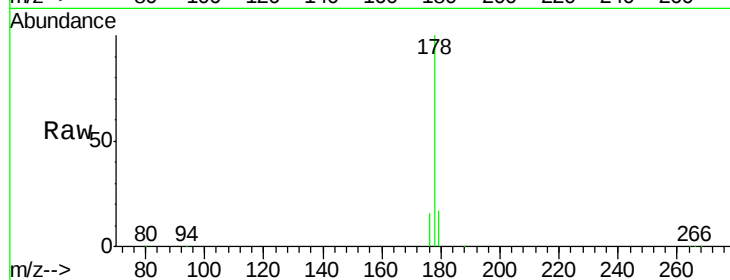
Tgt Ion:178 Resp: 134098

Ion Ratio Lower Upper

178 100

176 16.4 13.1 19.7

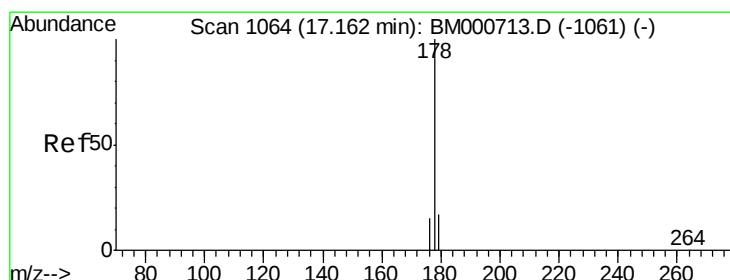
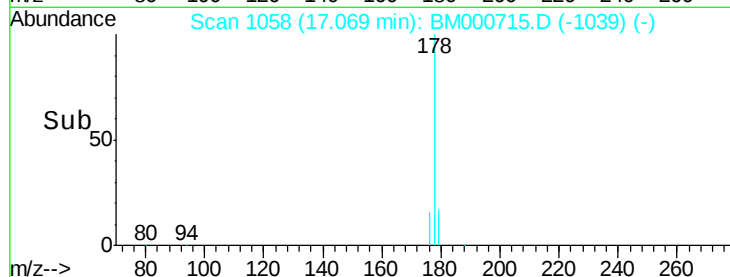
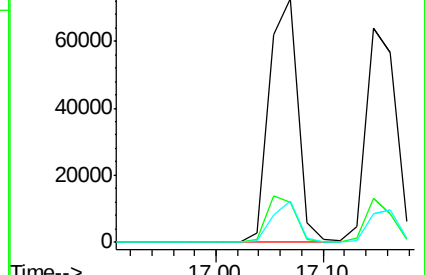
179 16.9 13.4 20.2



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: 1.77 ng/ul

RT: 17.07 min Scan# 1058

Delta R.T. -0.09 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

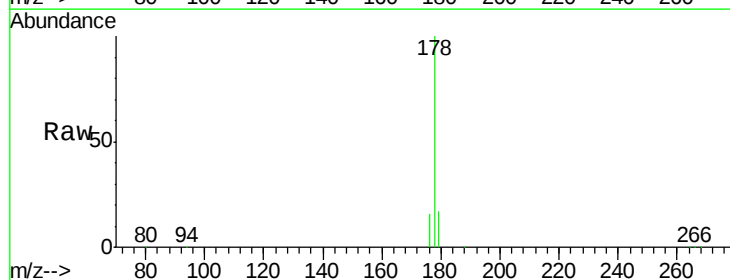
Tgt Ion:178 Resp: 134098

Ion Ratio Lower Upper

178 100

176 16.4 12.5 18.7

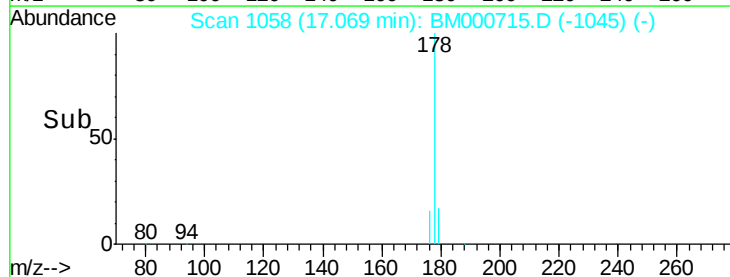
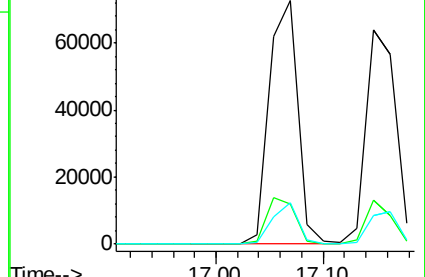
179 16.9 13.9 20.9

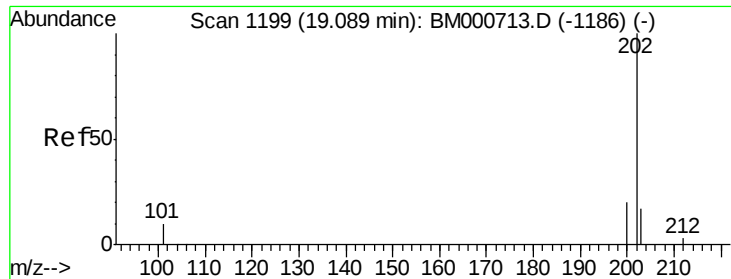


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 1.56 ng/ul

RT: 19.09 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

Instrument :

BNA_M

ClientSampleId :

SSTD1.687

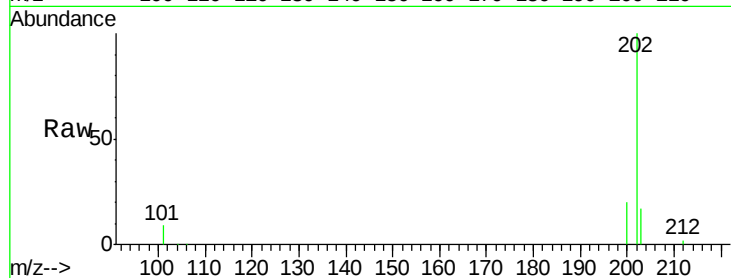
Tgt Ion:202 Resp: 147214

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.9

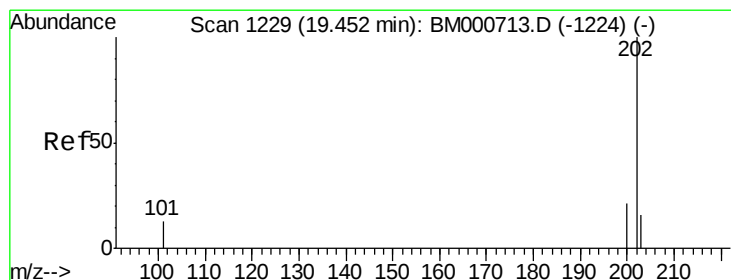
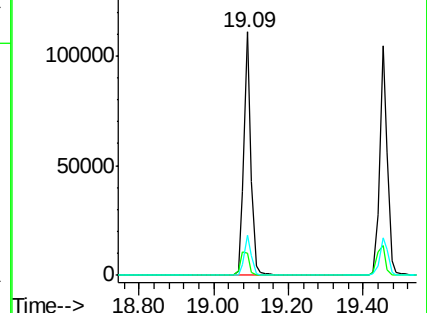
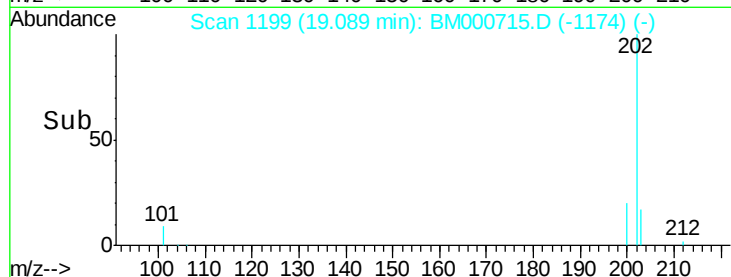
203 16.7 0.0 36.9



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: 1.66 ng/ul

RT: 19.45 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

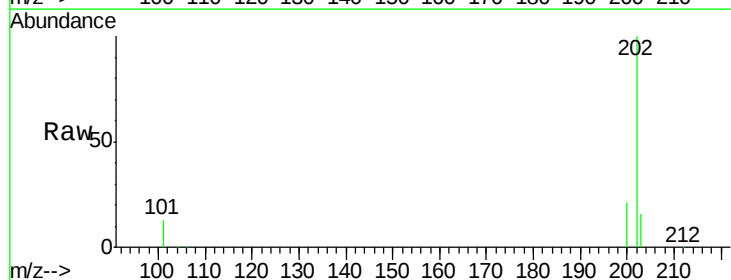
Tgt Ion:202 Resp: 145672

Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

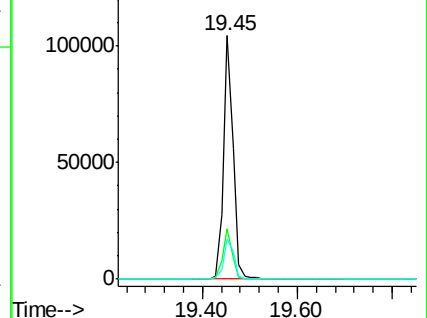
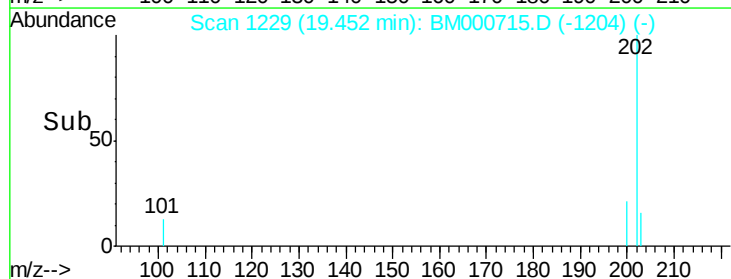
203 16.3 13.1 19.7

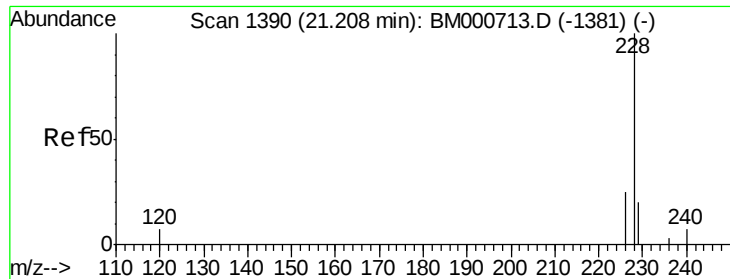


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 1.66 ng/ul

RT: 21.21 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

Instrument :

BNA_M

ClientSampleId :

SSTD1.687

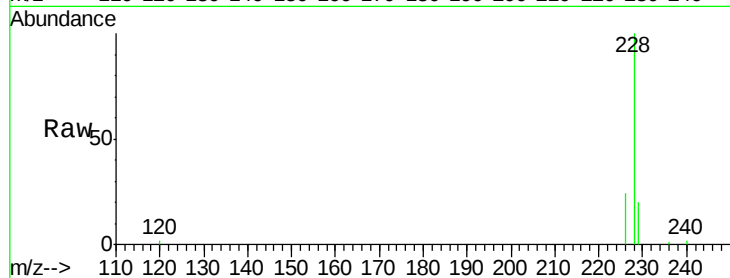
Tgt Ion:228 Resp: 114734

Ion Ratio Lower Upper

228 100

226 23.7 19.9 29.9

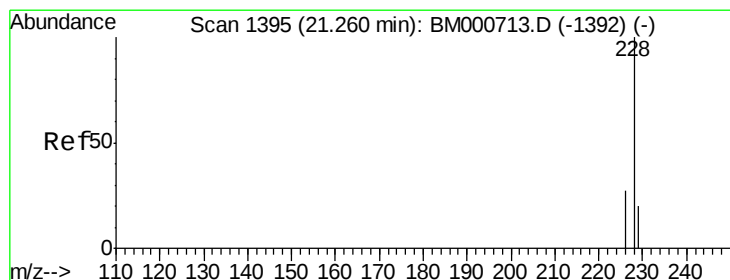
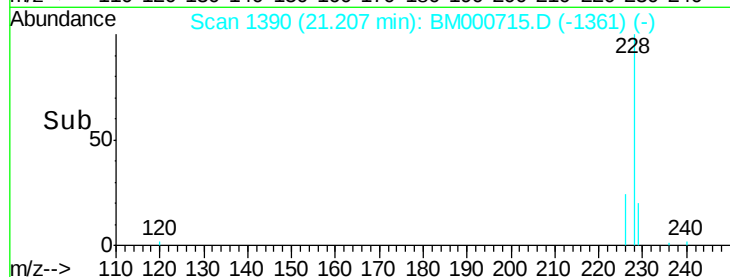
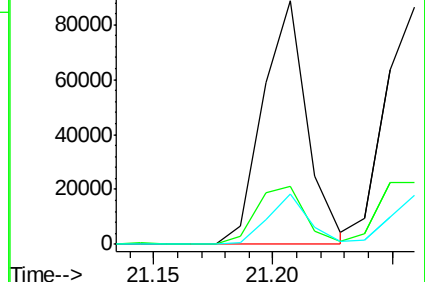
229 20.4 15.9 23.9



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: 1.51 ng/ul

RT: 21.26 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

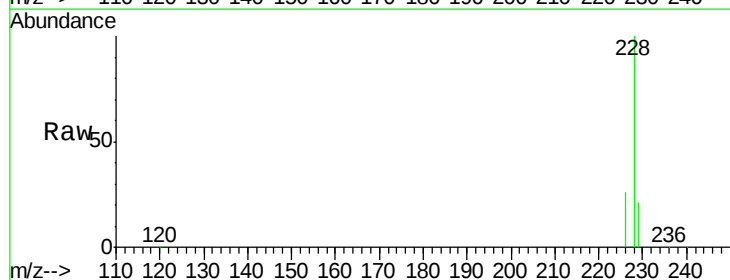
Tgt Ion:228 Resp: 124159

Ion Ratio Lower Upper

228 100

226 26.2 21.3 31.9

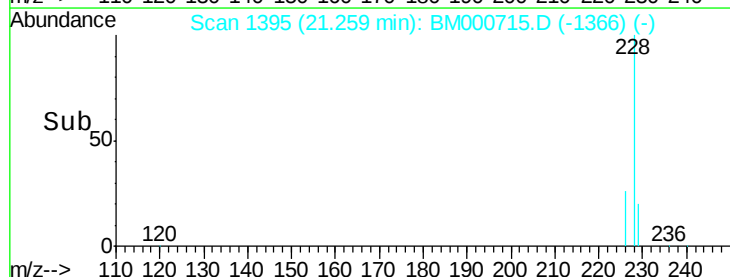
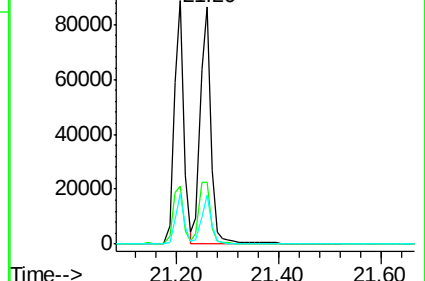
229 20.5 16.2 24.4

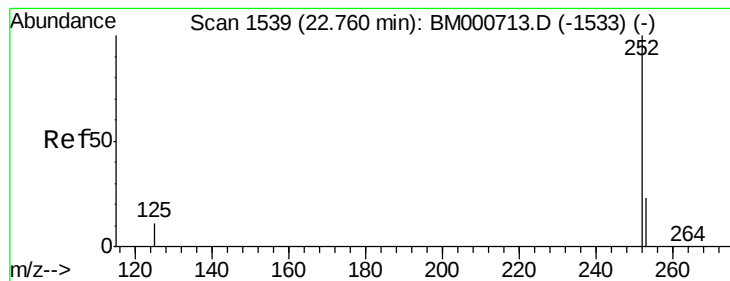


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 1.51 ng/u1

RT: 22.75 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

Instrument :

BNA_M

ClientSampleId :

SSTD1.687

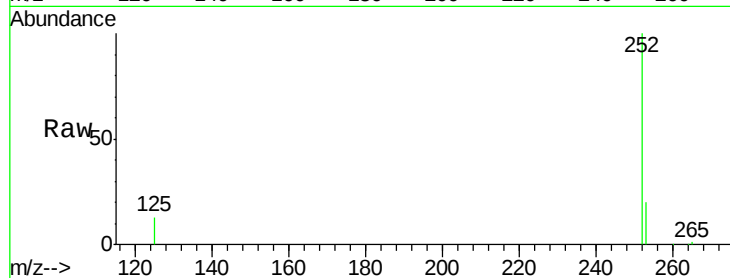
Tgt Ion:252 Resp: 105335

Ion Ratio Lower Upper

252 100

253 20.5 0.0 50.4

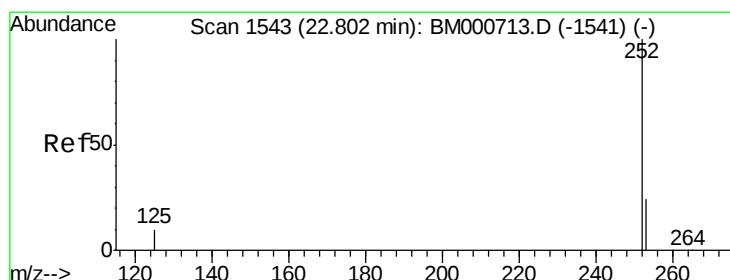
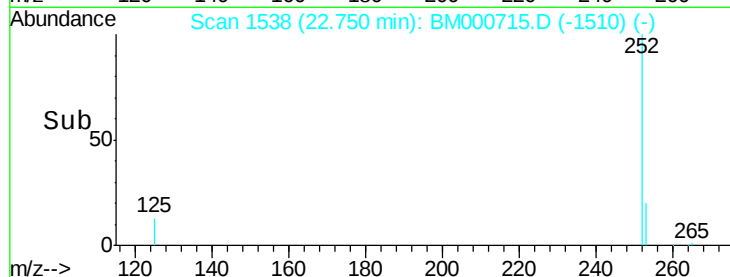
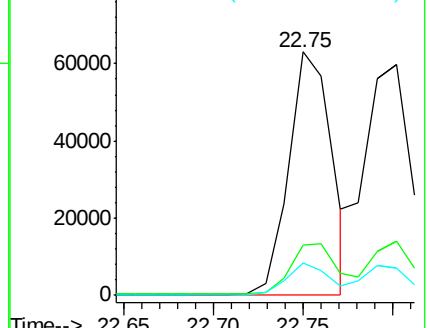
125 13.5 0.0 24.2



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: 1.73 ng/u1

RT: 22.80 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

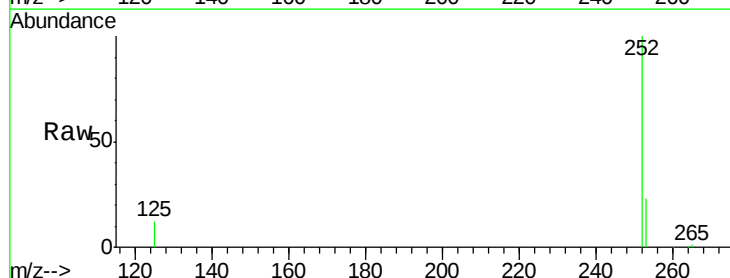
Tgt Ion:252 Resp: 113209

Ion Ratio Lower Upper

252 100

253 23.3 19.7 29.5

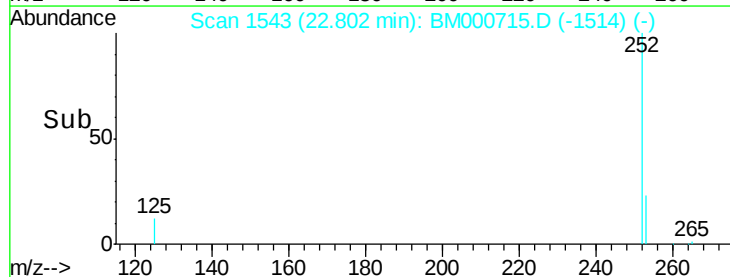
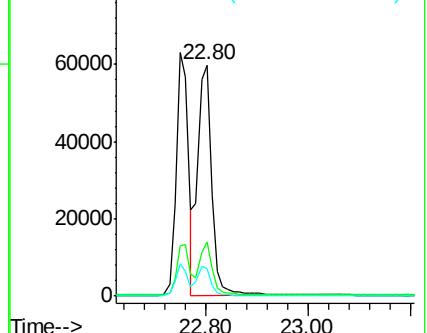
125 11.6 10.1 15.1

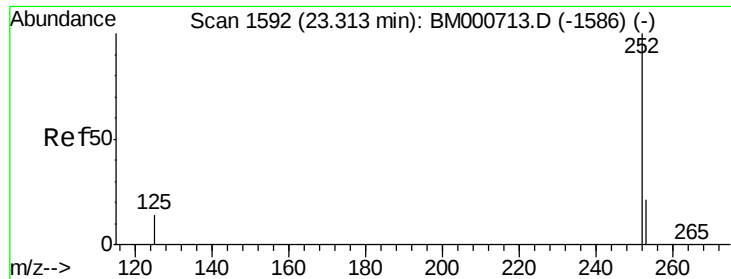


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.60 ng/ul

RT: 23.31 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

Instrument :

BNA_M

ClientSampleId :

SSTD1.687

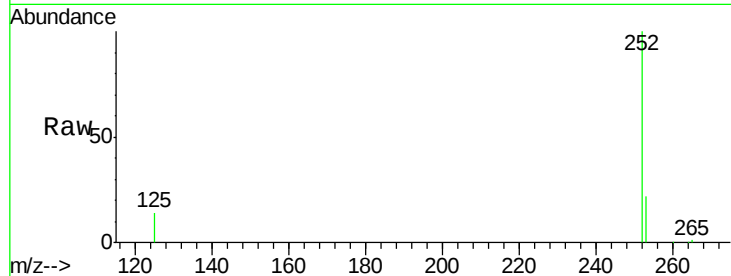
Tgt Ion: 252 Resp: 100052

Ion Ratio Lower Upper

252 100

253 21.8 19.0 28.4

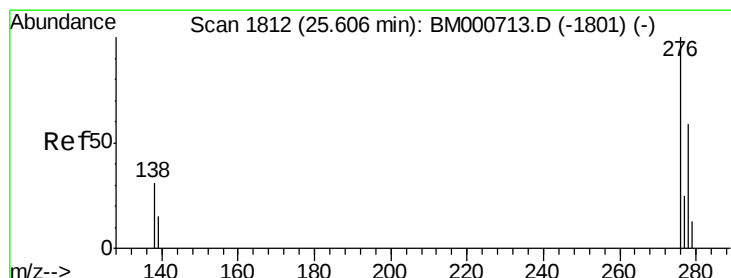
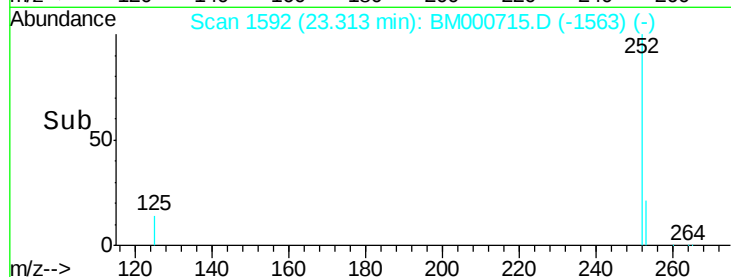
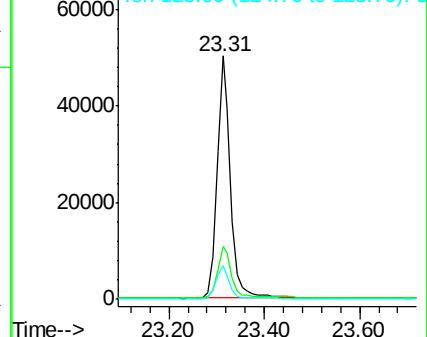
125 14.0 11.9 17.9



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: 1.61 ng/ul

RT: 25.61 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BM000715.D

Acq: 16 Mar 2015 13:56

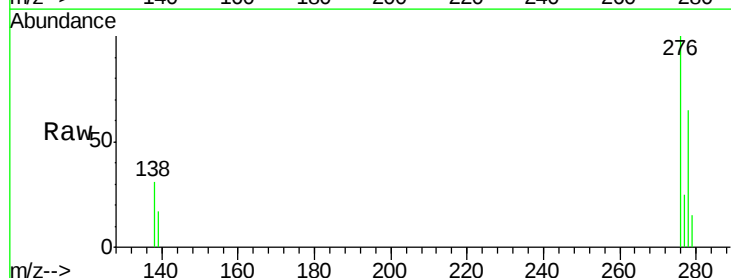
Tgt Ion: 276 Resp: 109014

Ion Ratio Lower Upper

276 100

138 32.1 25.3 37.9

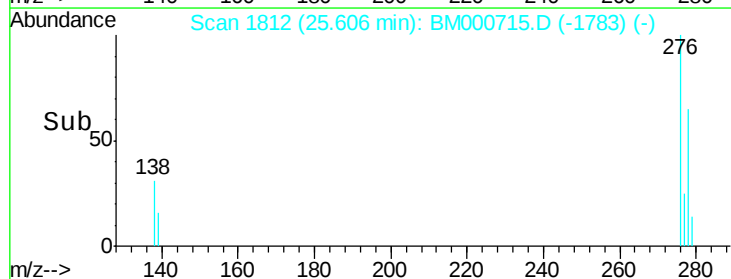
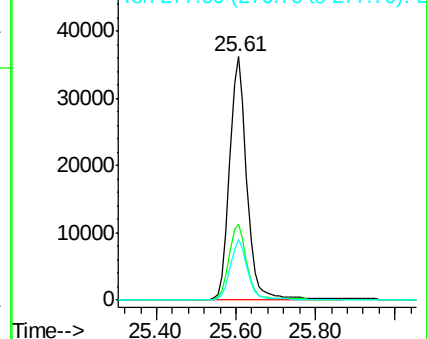
277 24.6 19.8 29.8

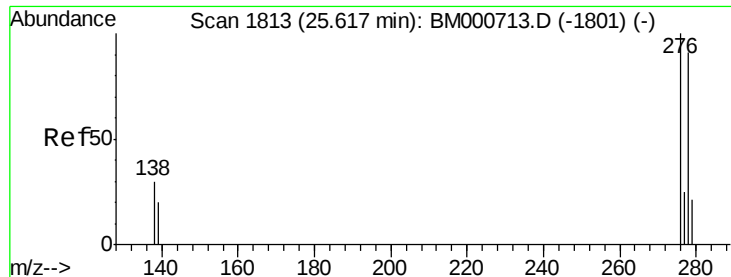


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

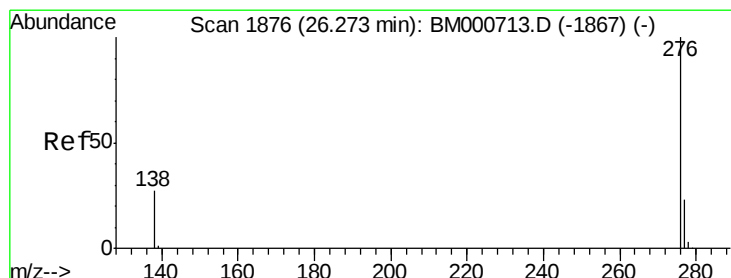
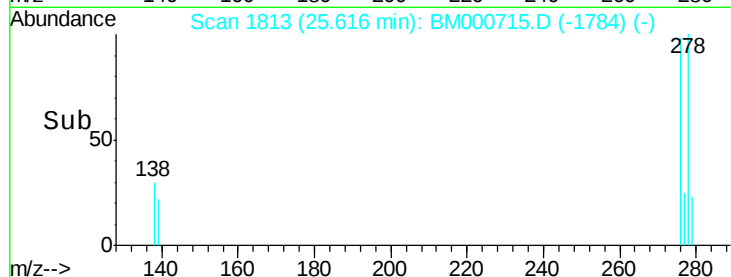
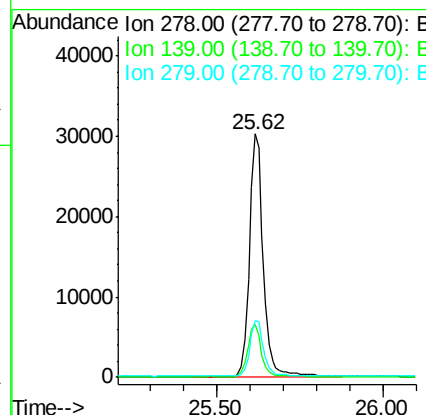
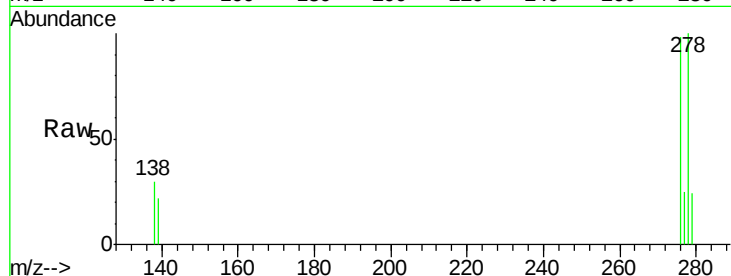




#25
Dibenzo(a,h)anthracene
Concen: 1.64 ng/ul
RT: 25.62 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM000715.D
Acq: 16 Mar 2015 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD1.687

Tgt Ion: 278 Resp: 88299
Ion Ratio Lower Upper
278 100
139 21.8 18.4 27.6
279 23.5 20.3 30.5



#26
Benzo(g,h,i)perylene
Concen: 1.55 ng/ul
RT: 26.27 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BM000715.D
Acq: 16 Mar 2015 13:56

Tgt Ion: 276 Resp: 93057
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 27.4 22.2 33.4

