

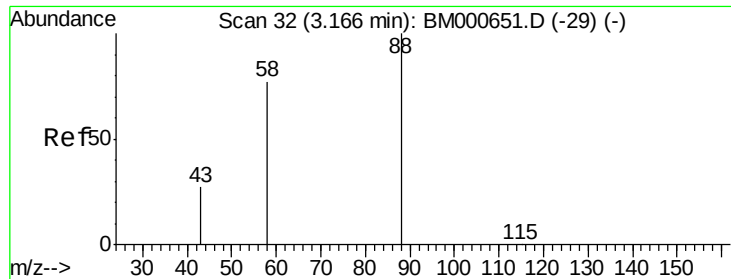
Data Path : Z:\HPCHEM1\BNA M\DATA\BM090315\
 Data File : BM002658.D
 Acq On : 03 Sep 2015 21:19
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.468

Quant Time: Sep 04 04:15:23 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 14:33:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	8695	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	33644	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	13682	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	23537	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	21530	0.40	ng/ul	0.00
22) Perylene-d12	24.78	264	21358	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.82	96	7947	0.91	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.17	152	16345	0.36	ng/ul	0.00
16) Fluoranthene-d10	20.05	212	20791	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.87	88	8939	0.88	ng/ul	98
5) Naphthalene	11.69	128	32866	0.38	ng/ul	98
7) 2-Methylnaphthalene	13.25	142	21320	0.37	ng/ul	99
9) Acenaphthylene	15.09	152	27623	0.38	ng/ul	97
10) Acenaphthene	15.42	153	19121	0.37	ng/ul	97
11) Fluorene	16.39	166	19477	0.36	ng/ul	92
13) Pentachlorophenol	17.74	266	881	0.38	ng/ul	95
14) Phenanthrene	18.11	178	26545	0.38	ng/ul	98
15) Anthracene	18.20	178	25950	0.37	ng/ul	97
17) Fluoranthene	20.07	202	28255	0.38	ng/ul	93
19) Pyrene	20.42	202	29022	0.36	ng/ul	99
20) Benzo(a)anthracene	22.14	228	26829	0.38	ng/ul	97
21) Chrysene	22.20	228	25969	0.38	ng/ul	94
23) Benzo(b)fluoranthene	23.97	252	28325	0.38	ng/ul	98
24) Benzo(k)fluoranthene	23.97	252	28325	0.40	ng/ul	97
25) Benzo(a)pyrene	24.66	252	26375	0.37	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	27.54	276	31575	0.38	ng/ul	99
27) Dibenzo(a,h)anthracene	27.55	278	25716	0.38	ng/ul	98
28) Benzo(g,h,i)perylene	28.41	276	27223	0.38	ng/ul	99

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



#3

1,4-Dioxane

Concen: 0.88 ng/ul

RT: 3.87 min Scan# 19

Delta R.T. -0.00 min

Lab File: BM002658.D

Acq: 03 Sep 2015 21:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

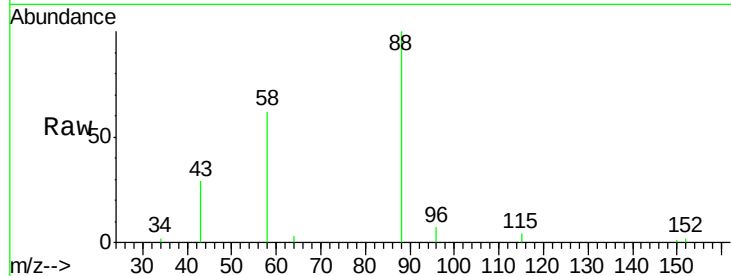
Tot Ion: 88 Resp: 8939

Ion Ratio Lower Upper

88 100

58 71.1 55.4 83.2

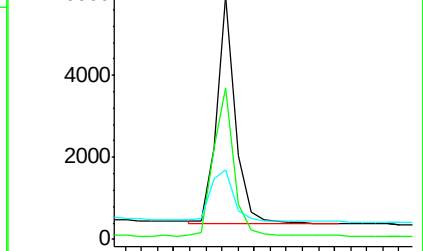
43 28.7 24.2 36.2



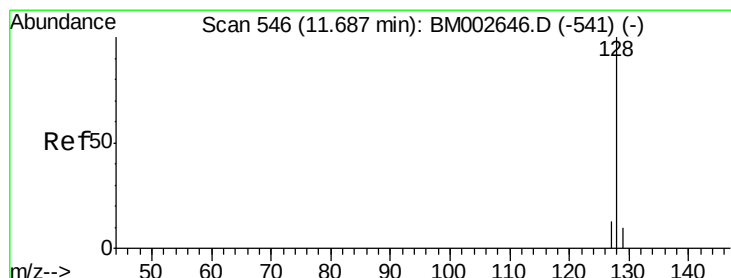
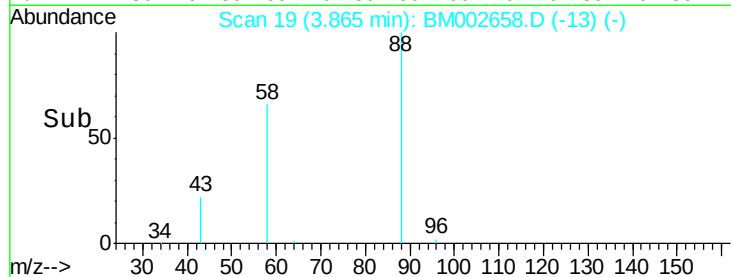
Abundance Ion 88.00 (87.70 to 88.70): BM000651.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000651.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000651.D (-29) (-)



Time-->



#5

Naphthalene

Concen: 0.38 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002658.D

Acq: 03 Sep 2015 21:19

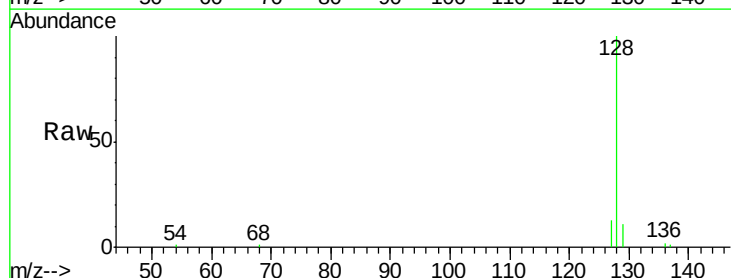
Tgt Ion: 128 Resp: 32866

Ion Ratio Lower Upper

128 100

129 11.0 9.8 14.8

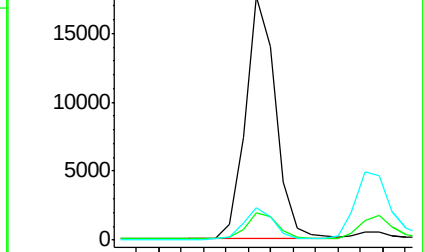
127 13.5 10.7 16.1



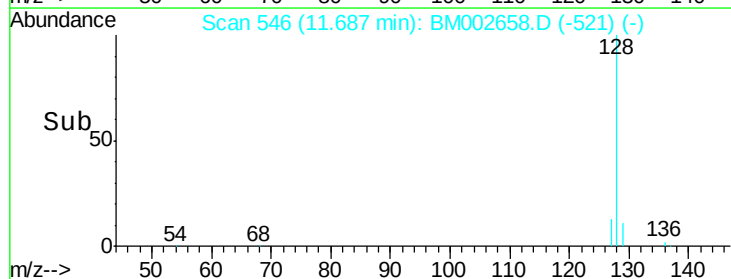
Abundance Ion 128.00 (127.70 to 128.70): BM002646.D (-541) (-)

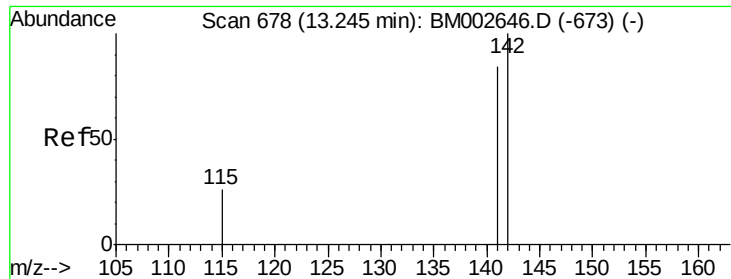
Ion 129.00 (128.70 to 129.70): BM002646.D (-541) (-)

Ion 127.00 (126.70 to 127.70): BM002646.D (-541) (-)



Time-->





#7

2-Methylnaphthalene

Concen: 0.37 ng/ul

RT: 13.25 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM002658.D

Acq: 03 Sep 2015 21:19

Instrument :

BNA_M

ClientSampleId :

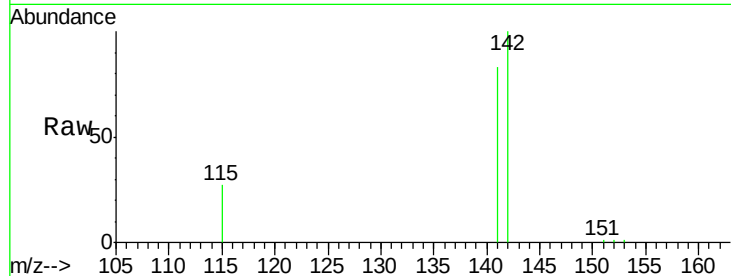
SSTD0.468

Tot Ion:142 Resp: 21320

Ion Ratio Lower Upper

142 100

141 89.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

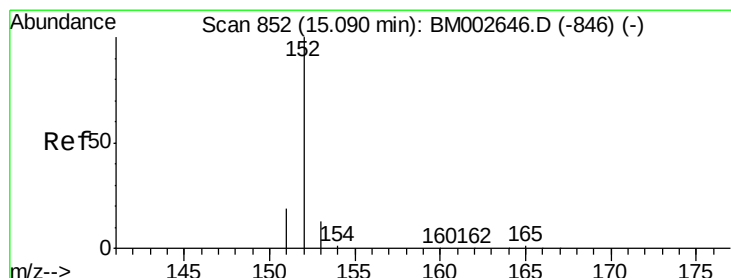
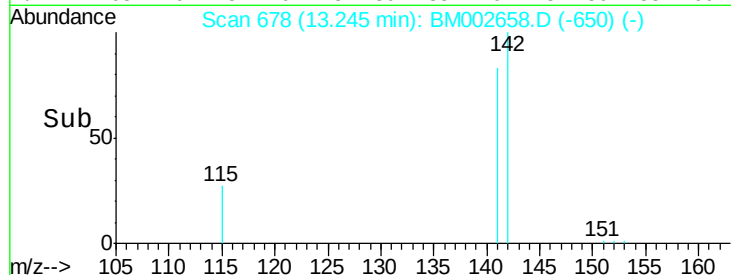
13.25

10000

5000

0

Time-->



#9

Acenaphthylene

Concen: 0.38 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM002658.D

Acq: 03 Sep 2015 21:19

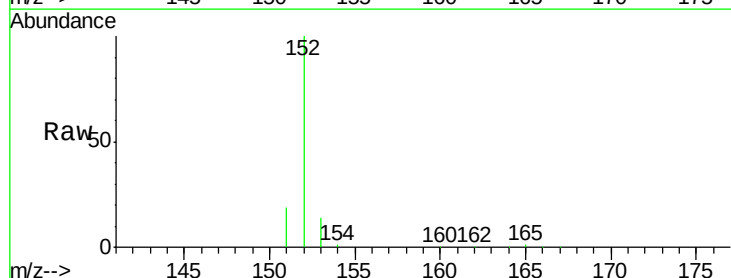
Tgt Ion:152 Resp: 27623

Ion Ratio Lower Upper

152 100

151 18.6 16.8 25.2

153 13.8 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

15.09

20000

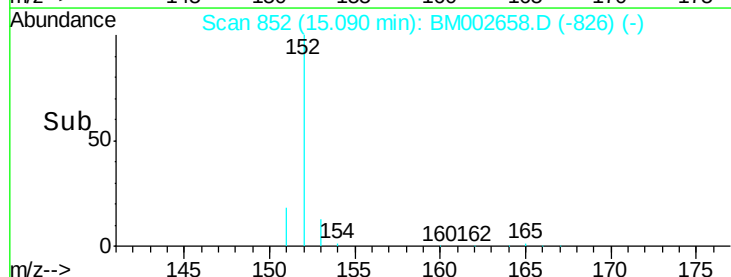
15000

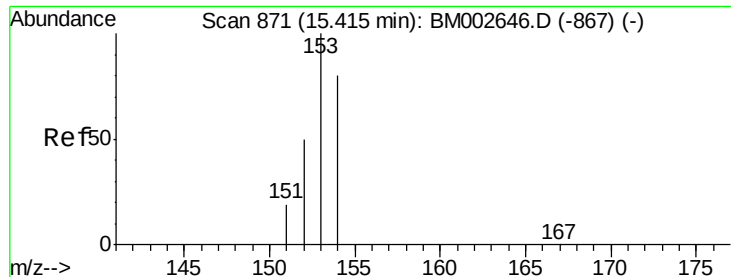
10000

5000

0

Time-->





#10

Acenaphthene

Concen: 0.37 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM002658.D

Acq: 03 Sep 2015 21:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

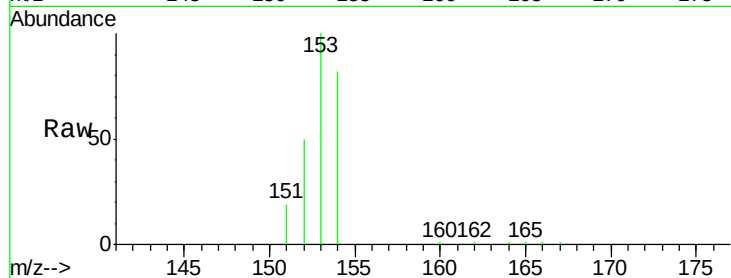
Tot Ion:153 Resp: 19121

Ion Ratio Lower Upper

153 100

152 50.1 42.3 63.5

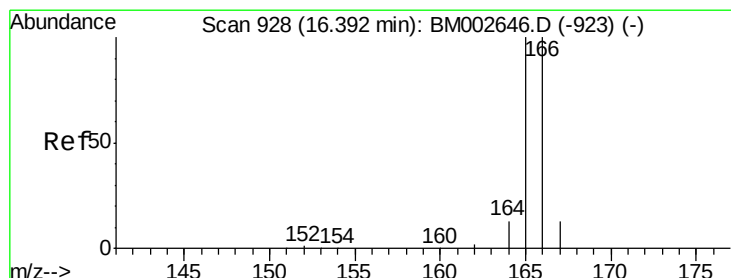
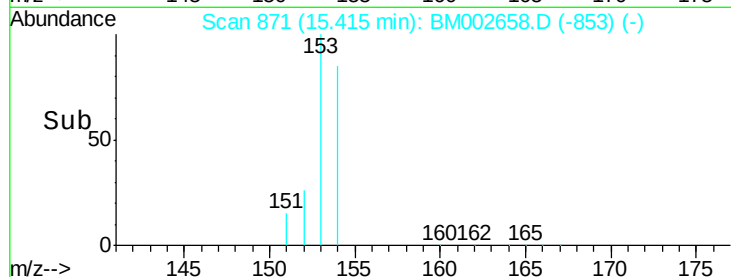
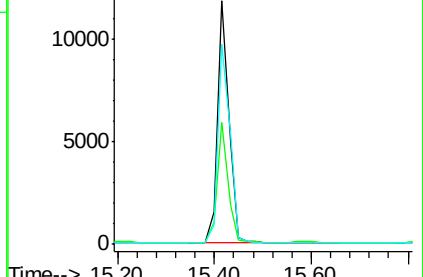
154 82.3 64.7 97.1



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



#11

Fluorene

Concen: 0.36 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM002658.D

Acq: 03 Sep 2015 21:19

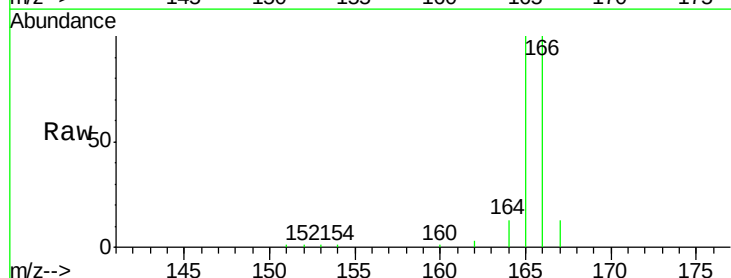
Tgt Ion:166 Resp: 19477

Ion Ratio Lower Upper

166 100

165 99.7 87.6 131.4

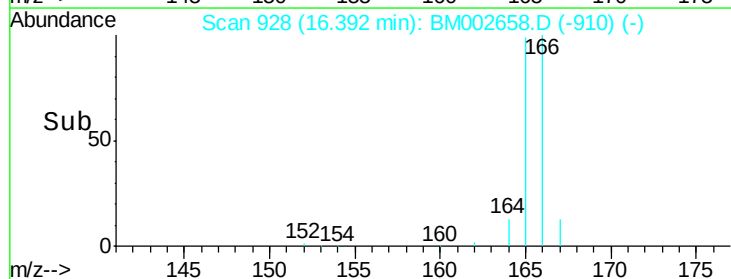
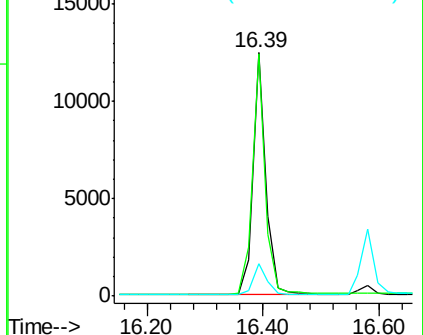
167 13.1 11.1 16.7

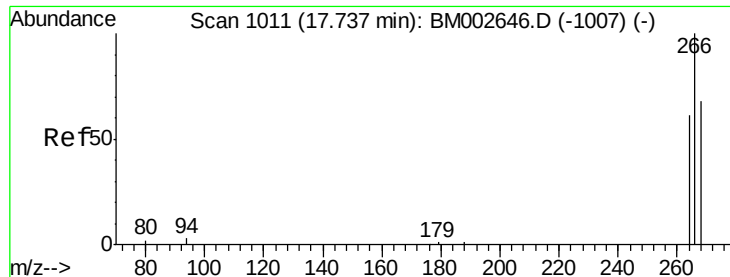


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

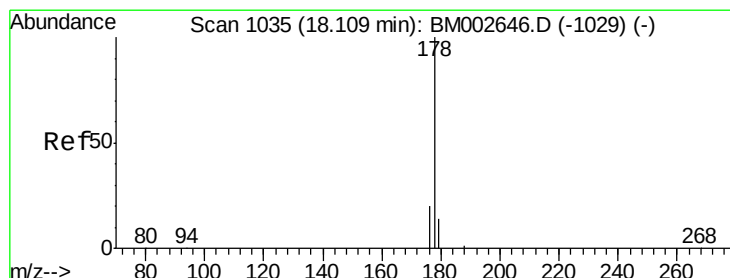
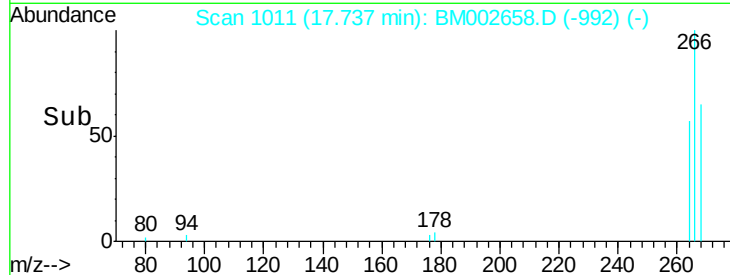
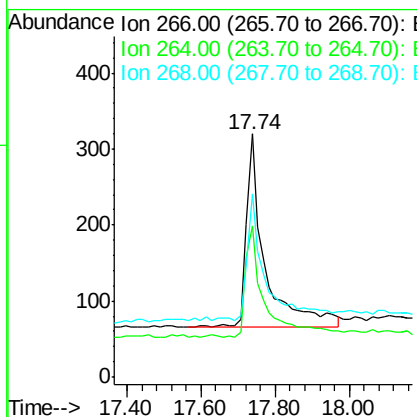
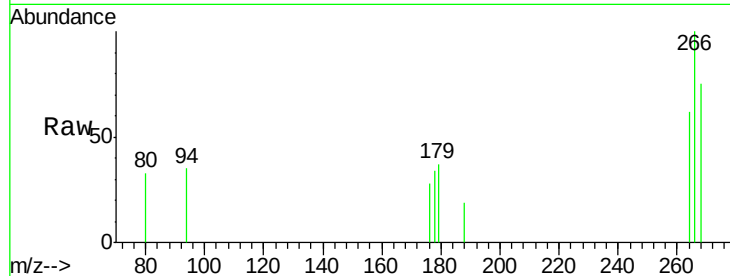




#13
 Pentachlorophenol
 Concen: 0.38 ng/ul
 RT: 17.74 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BM002658.D
 Acq: 03 Sep 2015 21:19

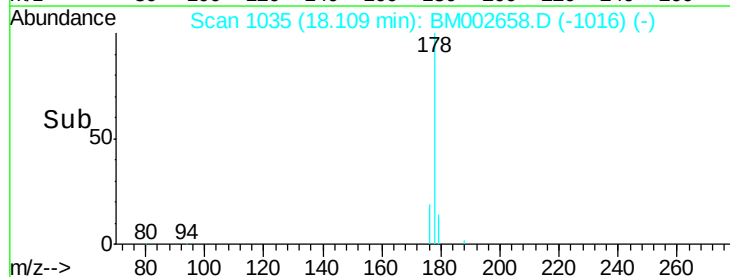
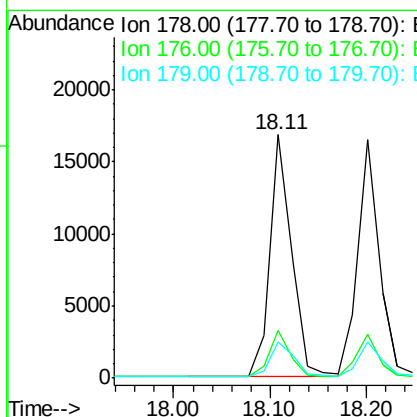
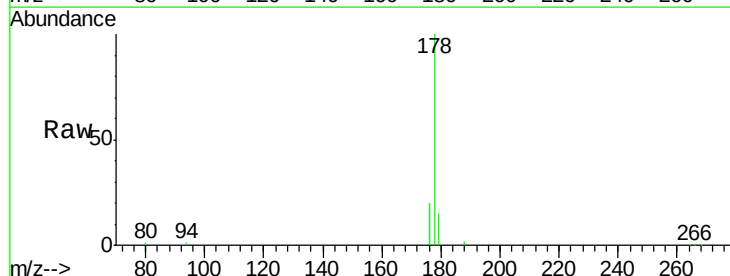
Instrument :
 BNA_M
 ClientSampleId :
 SST0.468

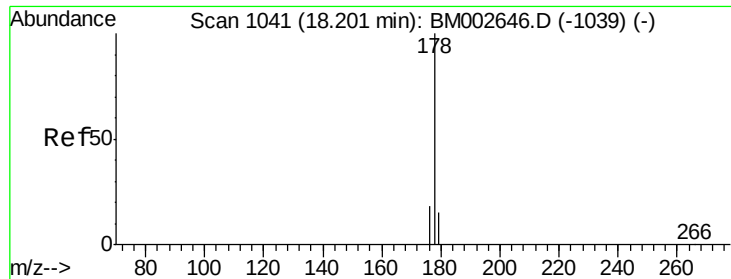
Tot Ion:266 Resp: 881
 Ion Ratio Lower Upper
 266 100
 264 59.4 53.5 80.3
 268 66.4 54.2 81.2



#14
 Phenanthrene
 Concen: 0.38 ng/ul
 RT: 18.11 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BM002658.D
 Acq: 03 Sep 2015 21:19

Tgt Ion:178 Resp: 26545
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.0 12.8 19.2

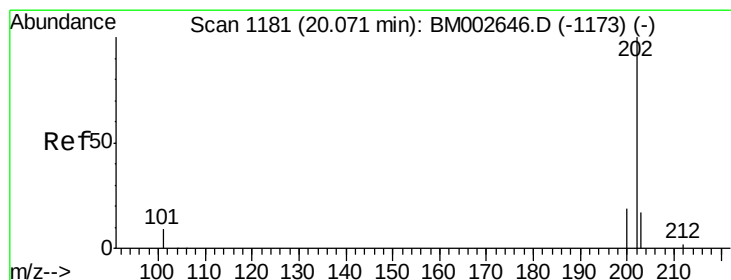
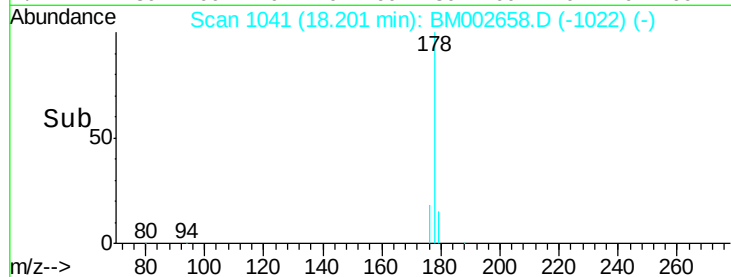
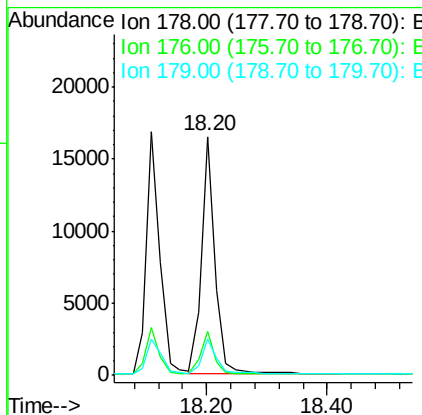
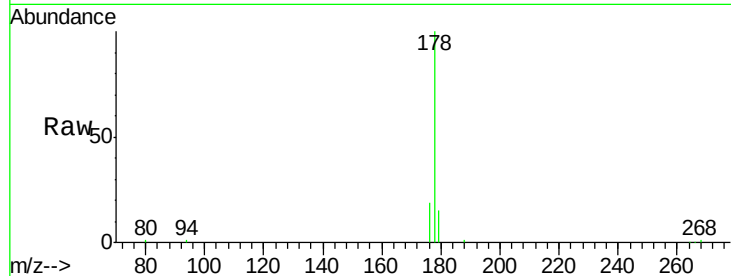




#15
 Anthracene
 Concen: 0.37 ng/ul
 RT: 18.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BM002658.D
 Acq: 03 Sep 2015 21:19

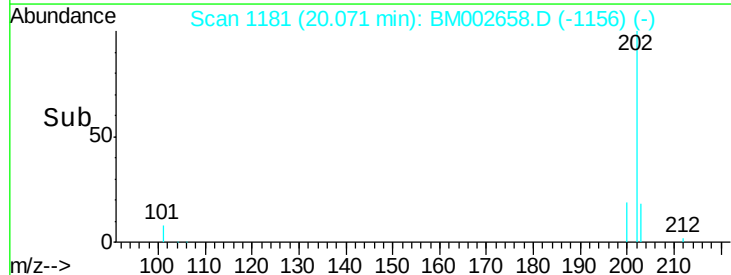
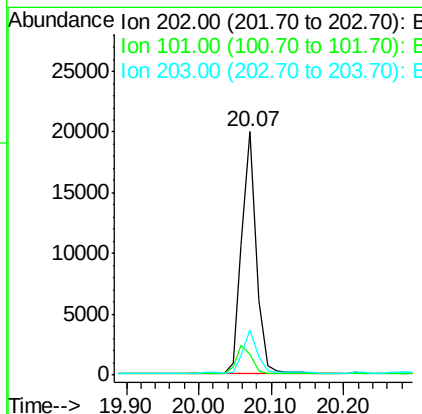
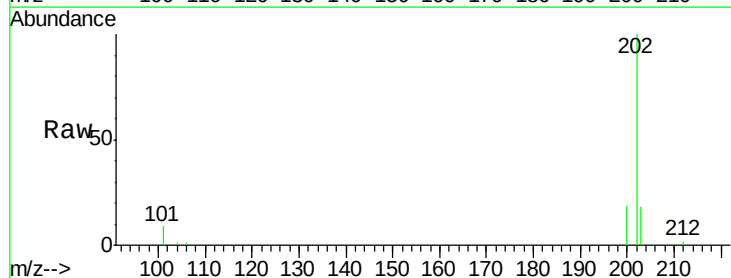
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.468

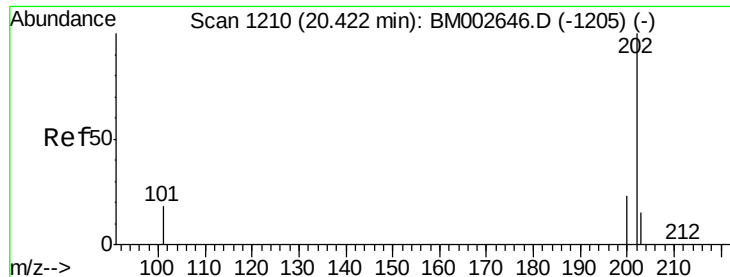
Tot Ion:178 Resp: 25950
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.4 13.3 19.9



#17
 Fluoranthene
 Concen: 0.38 ng/ul
 RT: 20.07 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BM002658.D
 Acq: 03 Sep 2015 21:19

Tgt Ion:202 Resp: 28255
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 33.1
 203 18.4 0.0 37.2

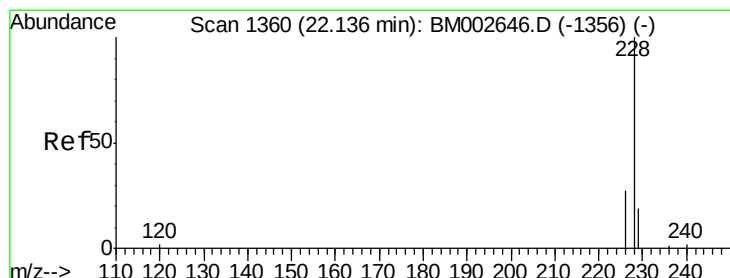
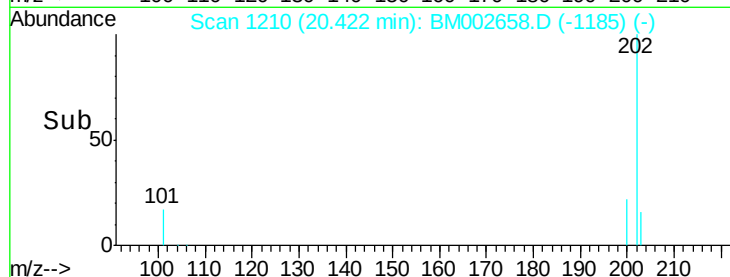
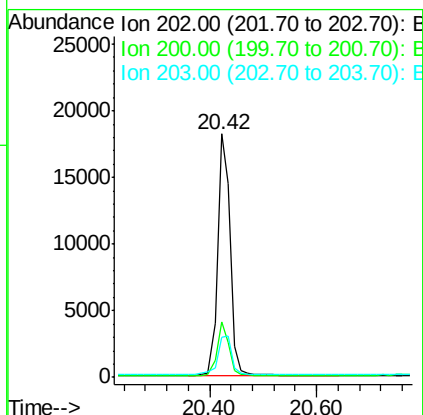
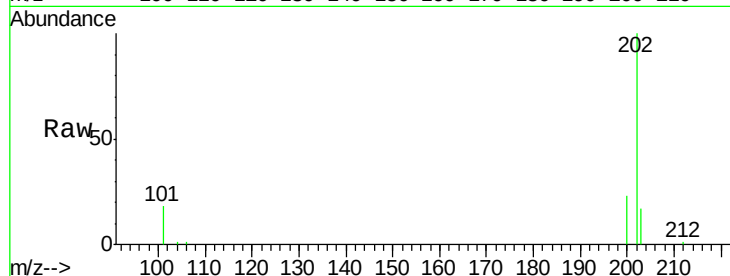




#19
Pvrene
Concen: 0.36 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM002658.D
Acq: 03 Sep 2015 21:19

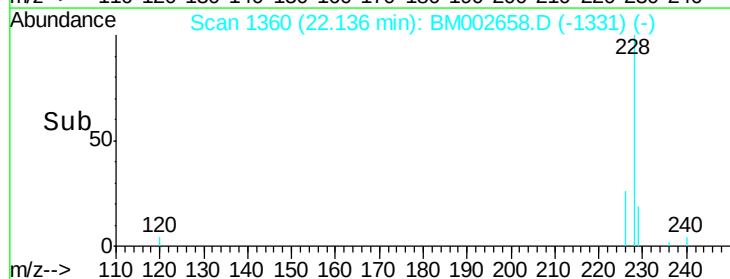
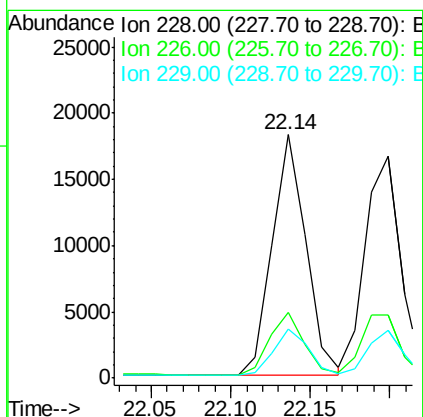
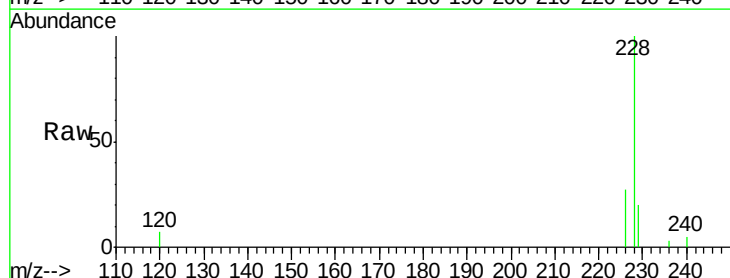
Instrument :
BNA_M
ClientSampleId :
SSTD0.468

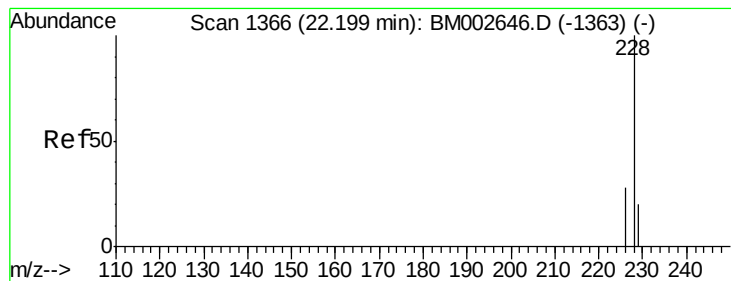
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.0	27.0
203	16.5	13.8	20.6



#20
Benzo(a)anthracene
Concen: 0.38 ng/ul
RT: 22.14 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BM002658.D
Acq: 03 Sep 2015 21:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.0	34.4
229	20.3	15.2	22.8





#21

Chrysene

Concen: 0.38 ng/ul

RT: 22.20 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BM002658.D

Acq: 03 Sep 2015 21:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

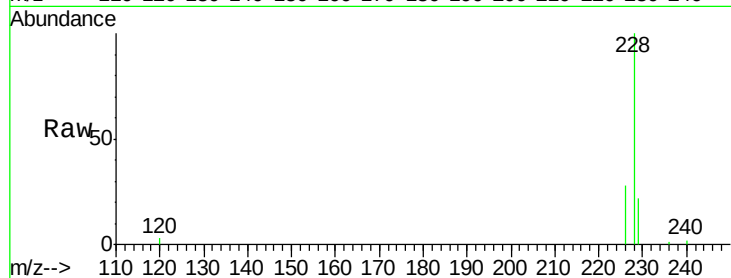
Tot Ion:228 Resp: 25969

Ion Ratio Lower Upper

228 100

226 28.4 25.7 38.5

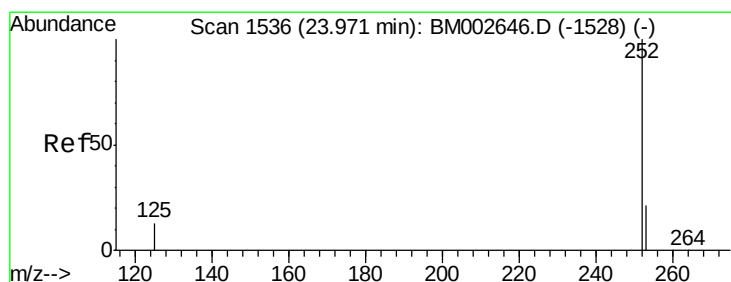
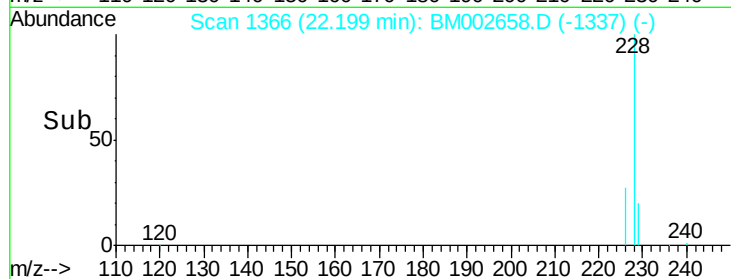
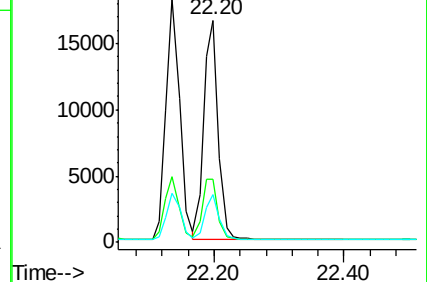
229 21.7 15.2 22.8



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: 0.38 ng/ul

RT: 23.97 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BM002658.D

Acq: 03 Sep 2015 21:19

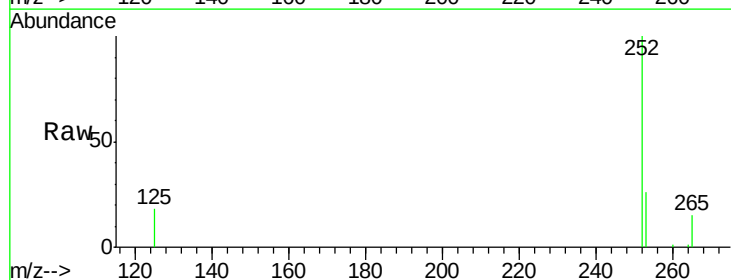
Tgt Ion:252 Resp: 28325

Ion Ratio Lower Upper

252 100

253 26.0 0.0 48.0

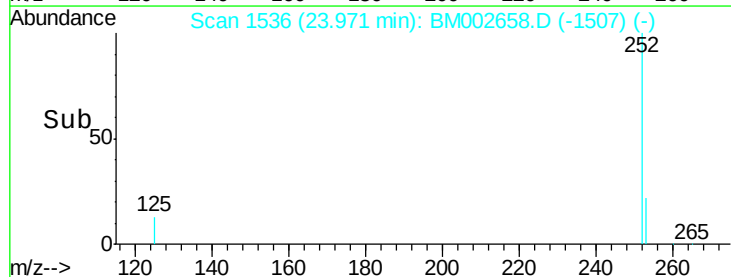
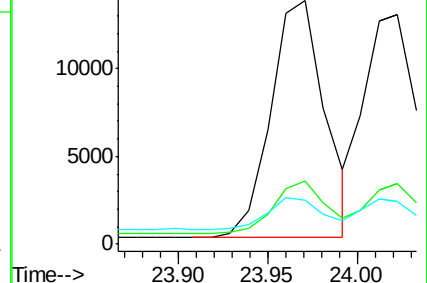
125 18.3 0.0 36.6

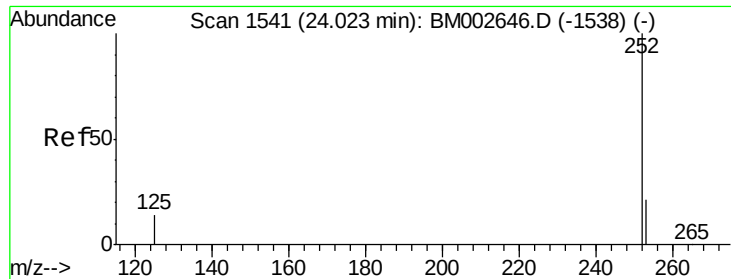


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.40 ng/ul

RT: 23.97 min Scan# 1536

Delta R.T. -0.05 min

Lab File: BM002658.D

Acq: 03 Sep 2015 21:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

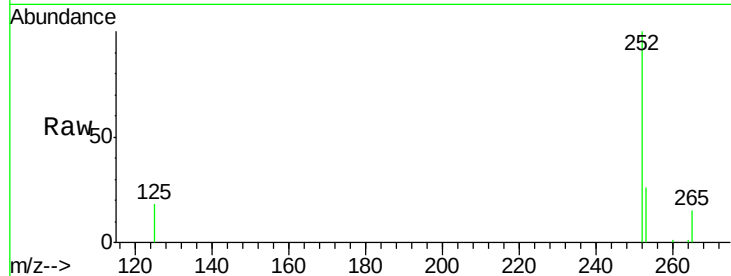
Tot Ion:252 Resp: 28325

Ion Ratio Lower Upper

252 100

253 26.0 20.8 31.2

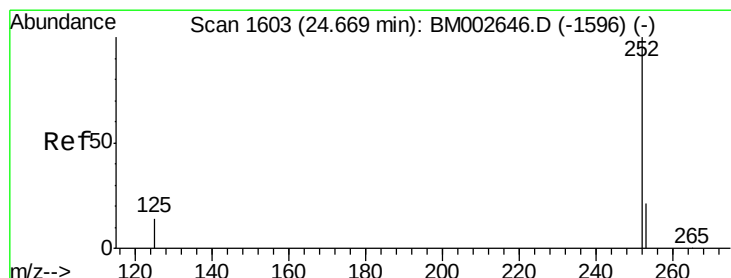
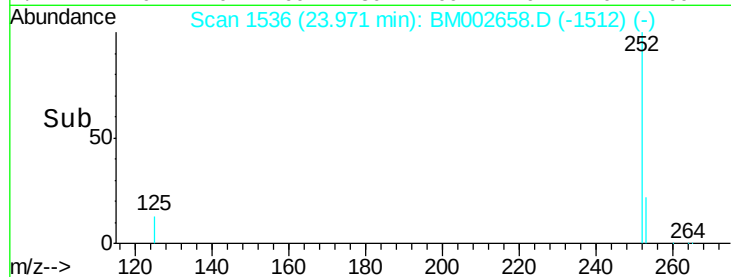
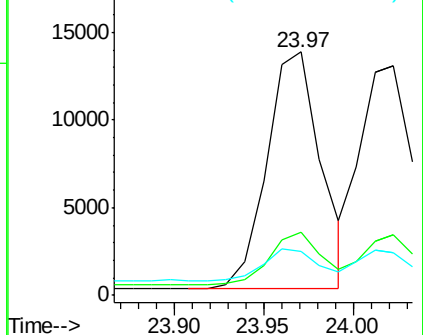
125 18.3 12.2 18.4



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: 0.37 ng/ul

RT: 24.66 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BM002658.D

Acq: 03 Sep 2015 21:19

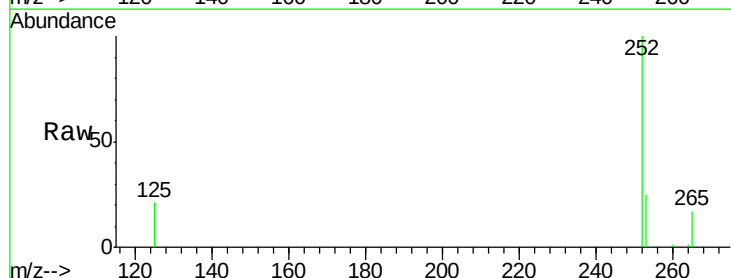
Tgt Ion:252 Resp: 26375

Ion Ratio Lower Upper

252 100

253 25.5 21.8 32.8

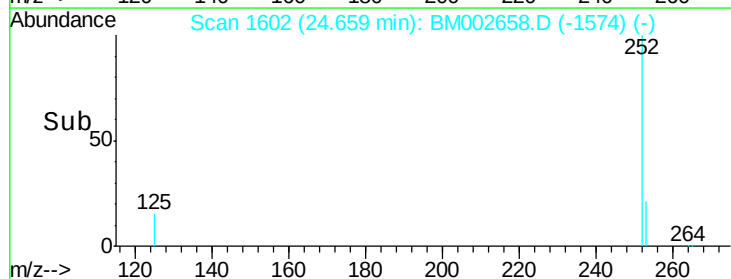
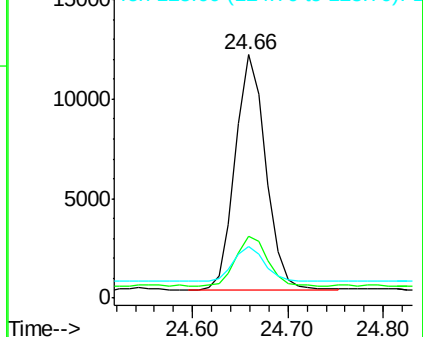
125 21.1 14.5 21.7

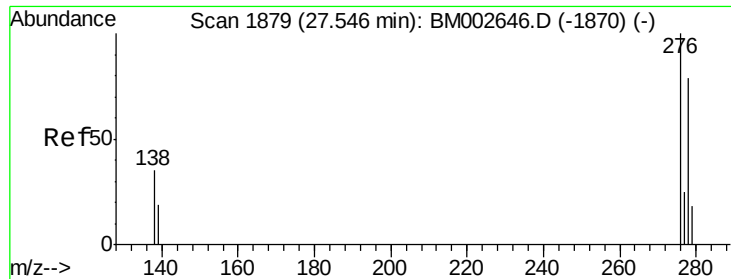


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

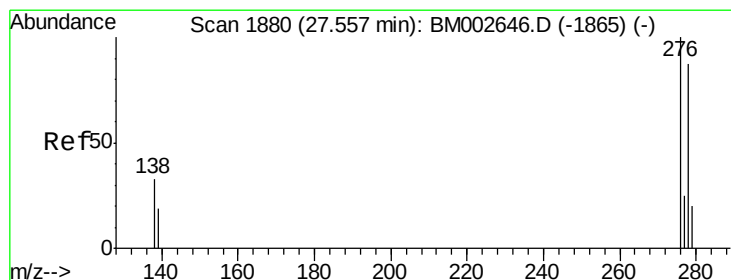
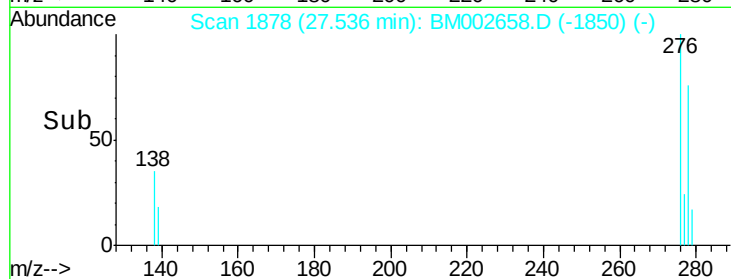
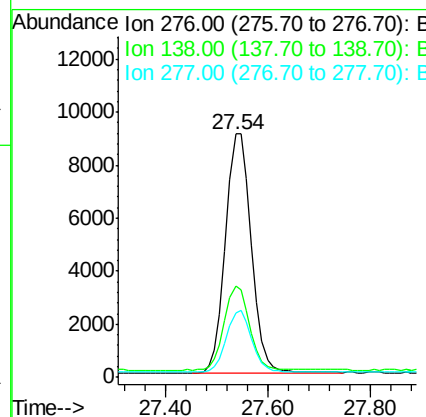
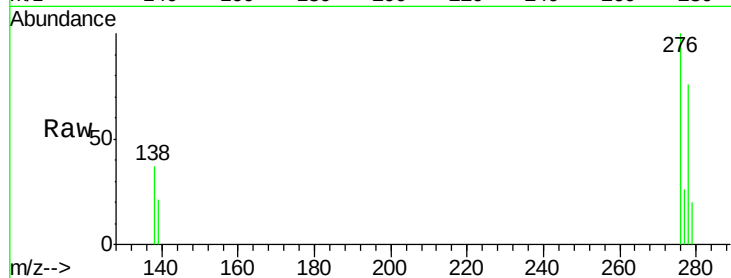




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.38 ng/ul
 RT: 27.54 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BM002658.D
 Acq: 03 Sep 2015 21:19

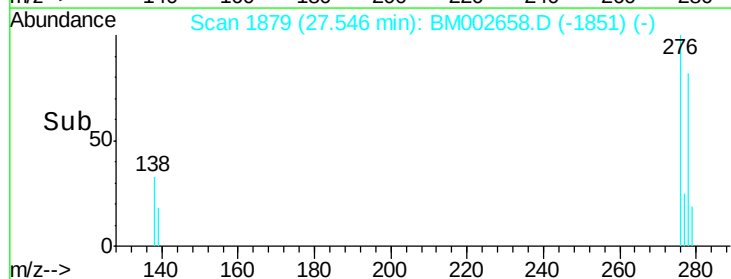
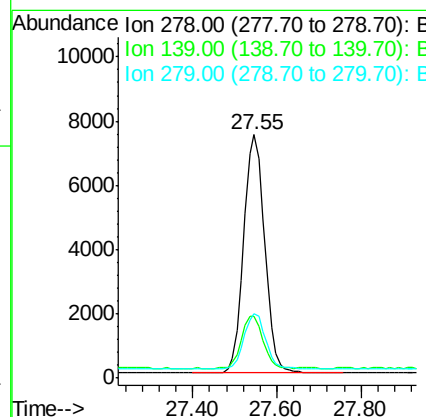
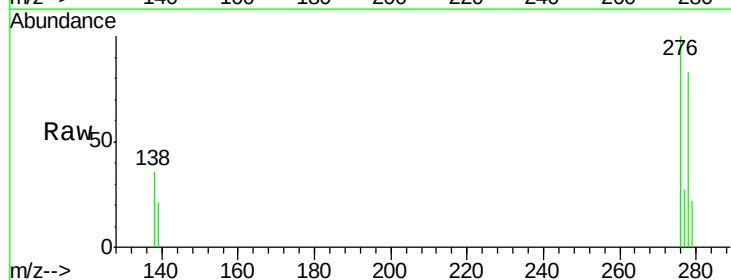
Instrument :
 BNA_M
 ClientSampleId :
 SST0.468

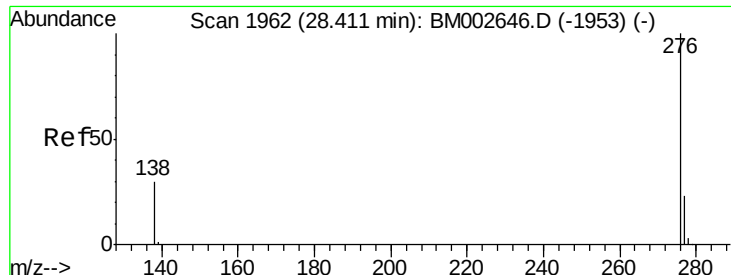
Tot Ion:276 Resp: 31575
 Ion Ratio Lower Upper
 276 100
 138 34.7 27.5 41.3
 277 24.9 19.3 28.9



#27
 Dibenzo(a,h)anthracene
 Concen: 0.38 ng/ul
 RT: 27.55 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BM002658.D
 Acq: 03 Sep 2015 21:19

Tgt Ion:278 Resp: 25716
 Ion Ratio Lower Upper
 278 100
 139 25.3 21.7 32.5
 279 26.7 21.9 32.9





#28

Benzo(a,h,i)perylene

Concen: 0.38 ng/ul

RT: 28.41 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BM002658.D

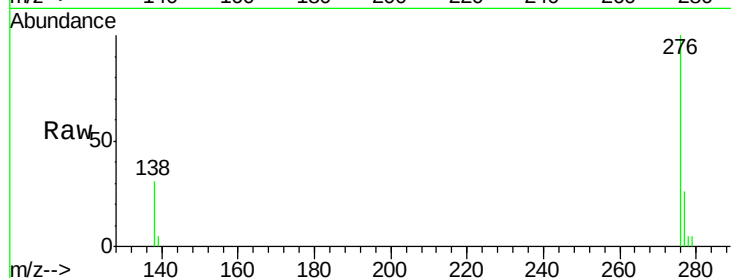
Acq: 03 Sep 2015 21:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.468



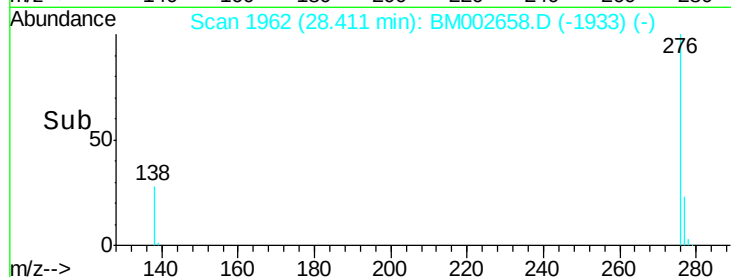
Tot Ion: 276 Resp: 27223

Ion Ratio Lower Upper

276 100

277 25.8 21.3 31.9

138 31.4 25.5 38.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

