

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM090116\  
 Data File : BM007361.D  
 Acq On : 01 Sep 2016 16:24  
 Operator : UM/SJ  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005

Quant Time: Sep 02 05:03:59 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-SIM-BM090116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 02 05:02:21 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 2349     | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.58 | 136  | 11322    | 5.00 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.42 | 164  | 7864     | 5.00 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.16 | 188  | 18992    | 5.00 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.35 | 240  | 23508    | 5.00 | ng    | 0.00     |
| 35) Perylene-d12          | 23.61 | 264  | 21050    | 5.00 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.39  | 112 | 2483  | 4.58 | ng | 0.00  |
| 5) Phenol-d6                | 6.97  | 99  | 3351  | 5.04 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.95  | 82  | 3224  | 5.48 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.90 | 330 | 1954  | 6.34 | ng | -0.02 |
| 15) 2-Fluorobiphenyl        | 13.05 | 172 | 12495 | 5.24 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.79 | 244 | 16354 | 4.04 | ng | 0.00  |

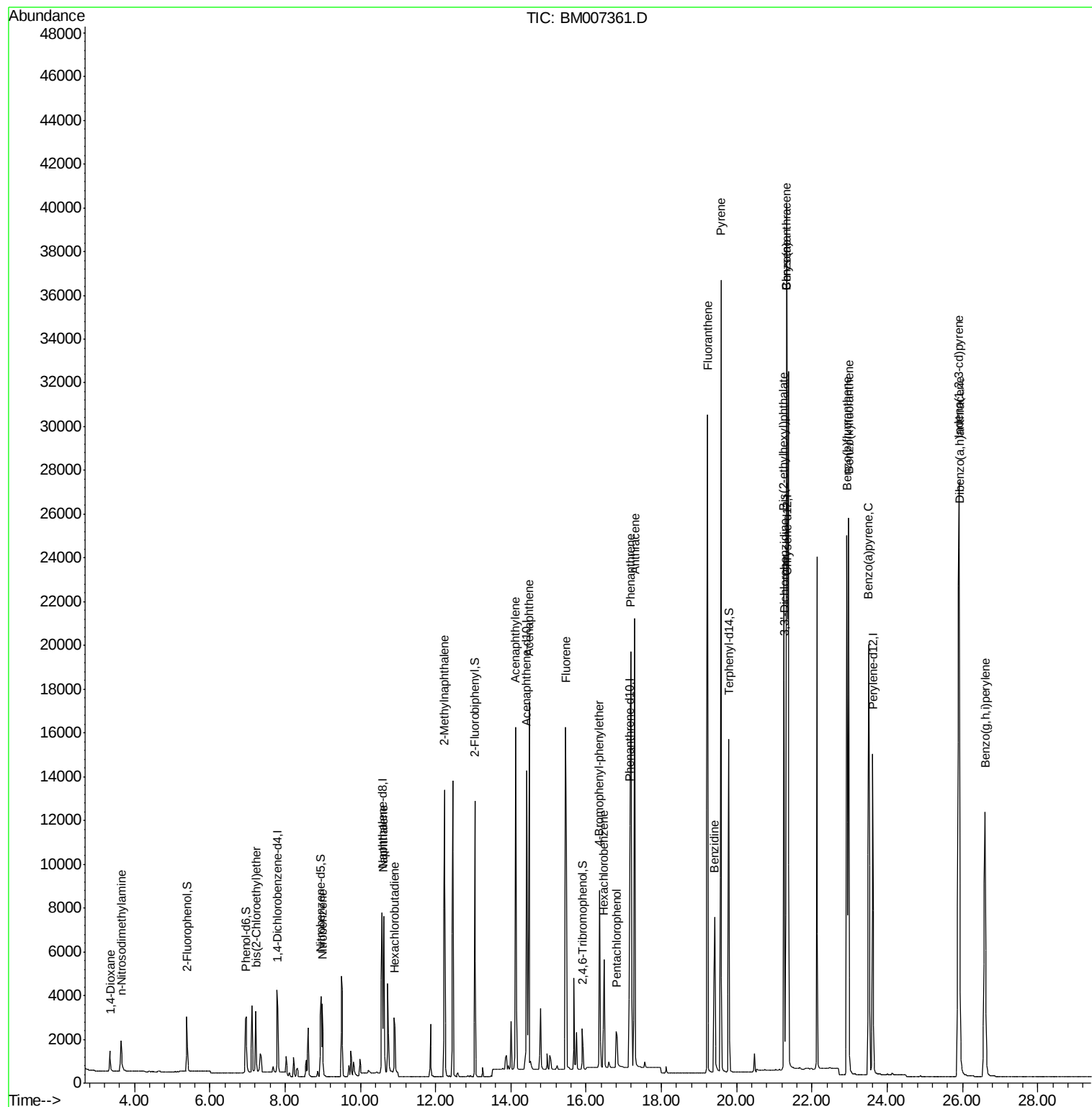
|                                |       |     |       |      |    |        |
|--------------------------------|-------|-----|-------|------|----|--------|
| Target Compounds               |       |     |       |      |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.35  | 88  | 873   | 3.54 | ng | # 83   |
| 3) n-Nitrosodimethylamine      | 3.65  | 42  | 1356  | 5.61 | ng | # 91   |
| 6) bis(2-Chloroethyl)ether     | 7.22  | 93  | 2750  | 4.68 | ng | 98     |
| 9) Nitrobenzene                | 8.99  | 77  | 3519  | 5.31 | ng | 96     |
| 10) Naphthalene                | 10.61 | 128 | 12883 | 5.01 | ng | # 86   |
| 11) Hexachlorobutadiene        | 10.90 | 225 | 2544  | 6.32 | ng | # 1    |
| 12) 2-Methylnaphthalene        | 12.24 | 142 | 9511  | 5.51 | ng | 96     |
| 16) Acenaphthylene             | 14.13 | 152 | 19031 | 5.42 | ng | 100    |
| 17) Acenaphthene               | 14.48 | 154 | 11854 | 5.15 | ng | 98     |
| 18) Fluorene                   | 15.46 | 166 | 13939 | 5.10 | ng | # 95   |
| 20) 4-Bromophenyl-phenylether  | 16.35 | 248 | 4574  | 4.47 | ng | # 84   |
| 21) Hexachlorobenzene          | 16.47 | 284 | 5245  | 5.16 | ng | # 95   |
| 22) Pentachlorophenol          | 16.81 | 266 | 2126  | 7.38 | ng | # 81   |
| 23) Phenanthrene               | 17.19 | 178 | 25145 | 4.06 | ng | 99     |
| 24) Anthracene                 | 17.29 | 178 | 26600 | 5.72 | ng | 98     |
| 25) Fluoranthene               | 19.23 | 202 | 31491 | 5.28 | ng | 100    |
| 27) Benzidine                  | 19.41 | 184 | 11441 | 9.03 | ng | # 60   |
| 28) Pyrene                     | 19.59 | 202 | 34476 | 4.30 | ng | 100    |
| 30) Benzo(a)anthracene         | 21.33 | 228 | 34266 | 4.76 | ng | 96     |
| 31) 3,3'-Dichlorobenzidine     | 21.27 | 252 | 13526 | 6.81 | ng | # 89   |
| 32) Chrysene                   | 21.33 | 228 | 34269 | 4.73 | ng | # 86   |
| 33) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 23251 | 5.18 | ng | # 97   |
| 34) Indeno(1,2,3-cd)pyrene     | 25.90 | 276 | 31798 | 6.10 | ng | 100    |
| 36) Benzo(b)fluoranthene       | 22.93 | 252 | 35346 | 5.20 | ng | # 91   |
| 37) Benzo(k)fluoranthene       | 22.97 | 252 | 31009 | 4.98 | ng | # 91   |
| 38) Benzo(a)pyrene             | 23.51 | 252 | 30930 | 5.32 | ng | # 89   |
| 39) Dibenzo(a,h)anthracene     | 25.91 | 278 | 25667 | 5.63 | ng | # 86   |
| 40) Benzo(g,h,i)perylene       | 26.60 | 276 | 25860 | 5.41 | ng | # 88   |

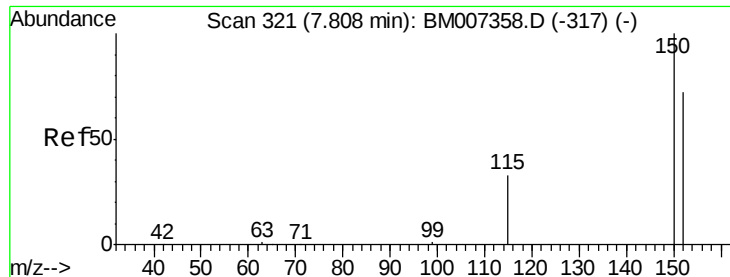
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM090116\  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 02 05:02:21 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.81 min Scan# 321

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

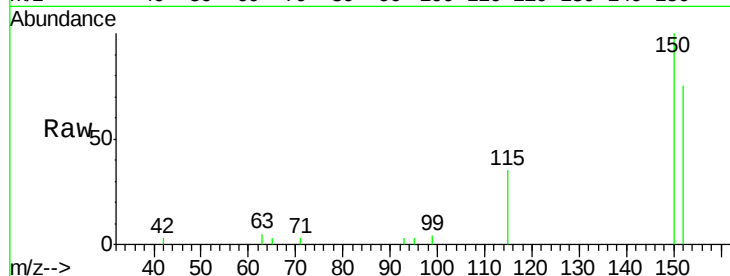
Tgt Ion: 152 Resp: 2349

Ion Ratio Lower Upper

152 100

150 134.0 109.8 164.8

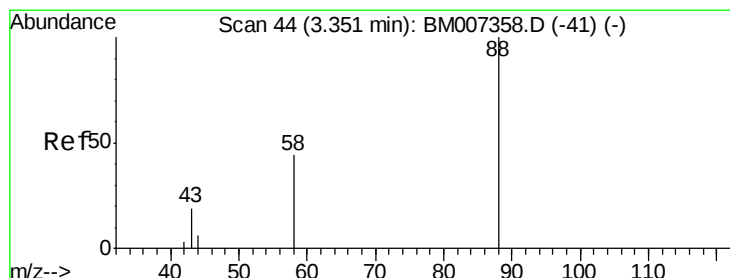
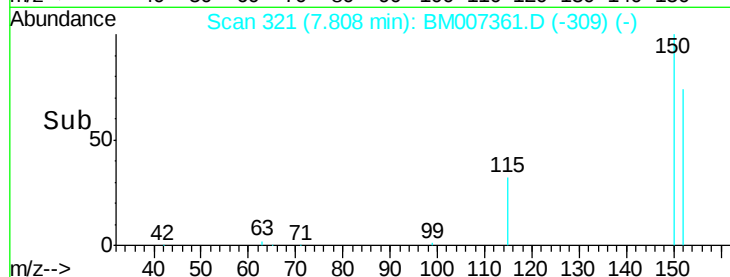
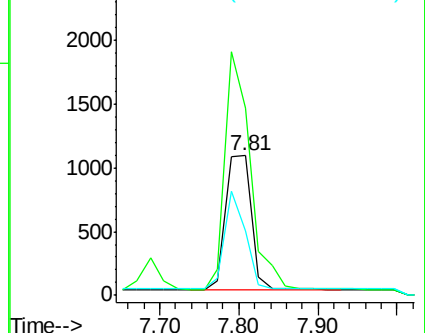
115 46.3 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.54 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

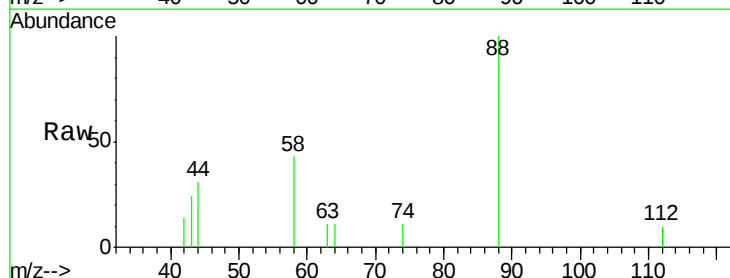
Tgt Ion: 88 Resp: 873

Ion Ratio Lower Upper

88 100

58 67.4 41.0 61.4#

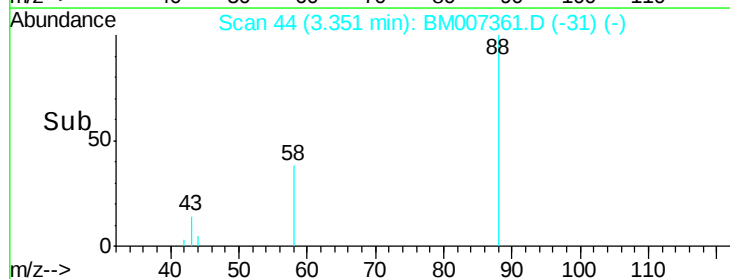
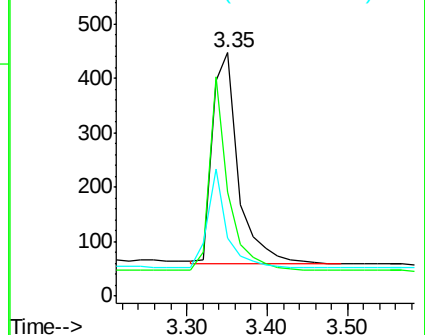
43 34.0 24.2 36.2

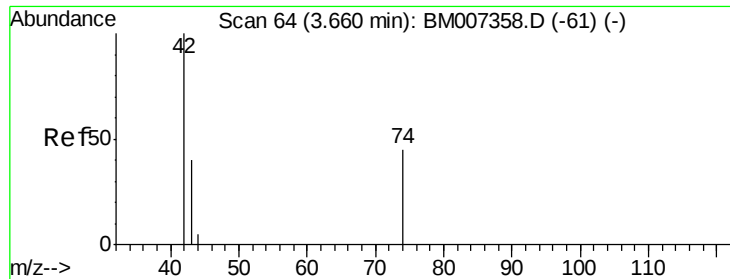


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



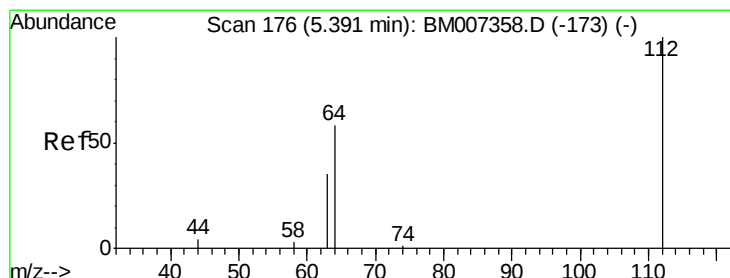
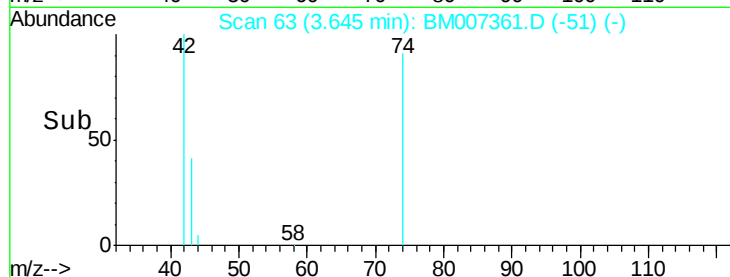
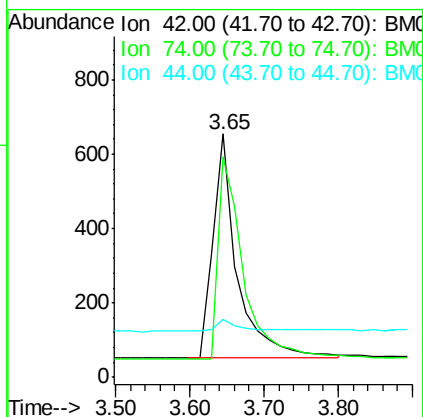
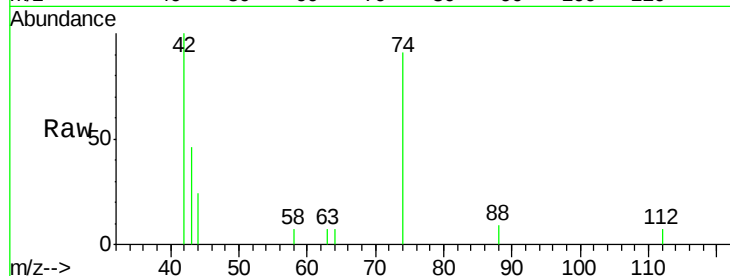


#3

n-Nitrosodimethylamine  
 Concen: 5.61 ng  
 RT: 3.65 min Scan# 63  
 Delta R.T. -0.02 min  
 Lab File: BM007361.D  
 Acq: 01 Sep 2016 16:24

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005

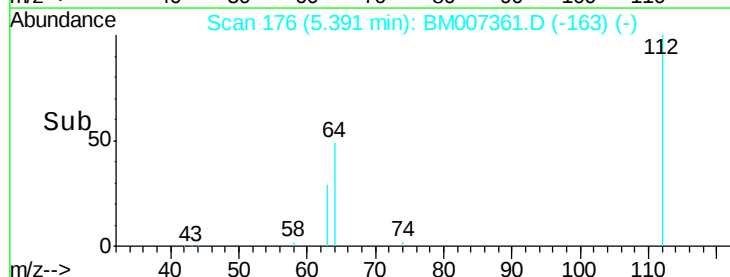
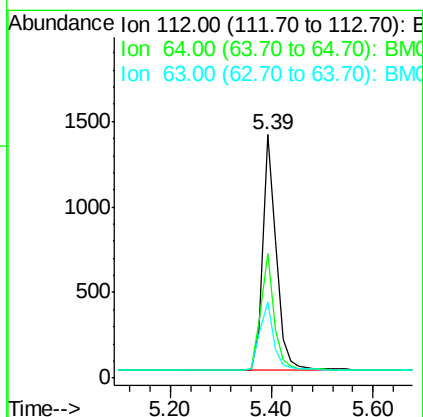
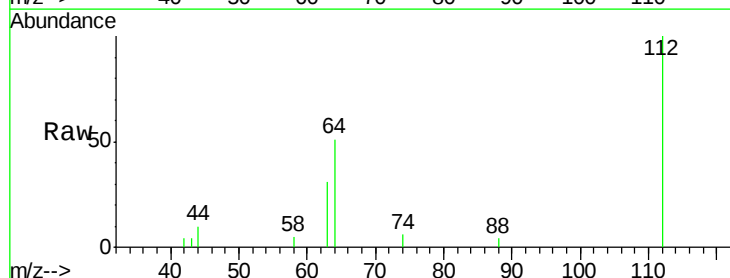
Tgt Ion: 42 Resp: 1356  
 Ion Ratio Lower Upper  
 42 100  
 74 96.0 78.9 118.3  
 44 7.1 19.1 28.7#

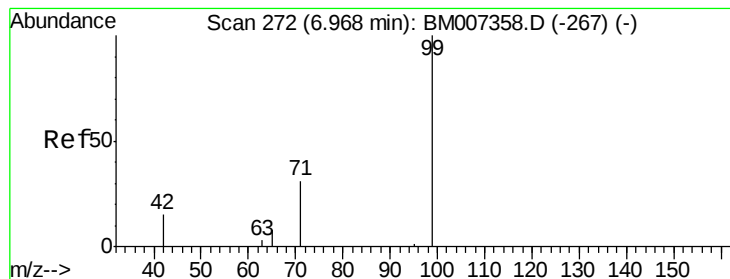


#4

2-Fluorophenol  
 Concen: 4.58 ng  
 RT: 5.39 min Scan# 176  
 Delta R.T. 0.00 min  
 Lab File: BM007361.D  
 Acq: 01 Sep 2016 16:24

Tgt Ion: 112 Resp: 2483  
 Ion Ratio Lower Upper  
 112 100  
 64 48.5 36.9 55.3  
 63 29.5 22.6 34.0





#5

Phenol-d6

Concen: 5.04 ng

RT: 6.97 min Scan# 272

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

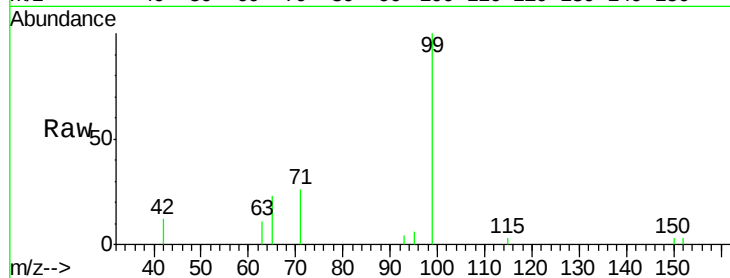
Tgt Ion: 99 Resp: 3351

Ion Ratio Lower Upper

99 100

42 22.7 19.8 29.8

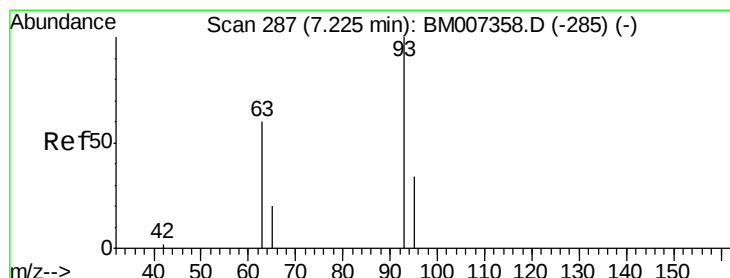
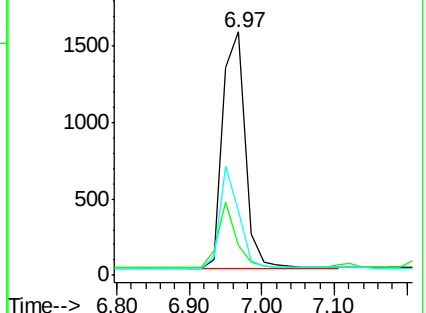
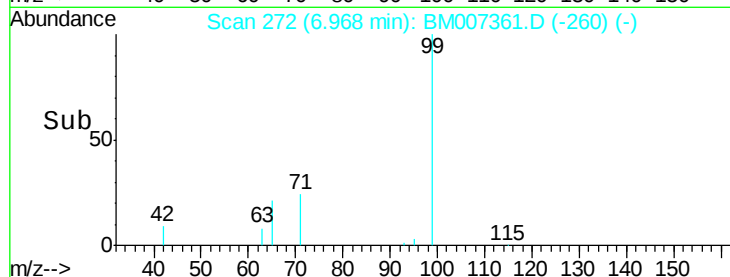
71 36.5 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BM007361.D (-260) (-)

Ion 42.00 (41.70 to 42.70): BM007361.D (-260) (-)

Ion 71.00 (70.70 to 71.70): BM007361.D (-260) (-)



#6

bis(2-Chloroethyl)ether

Concen: 4.68 ng

RT: 7.22 min Scan# 287

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

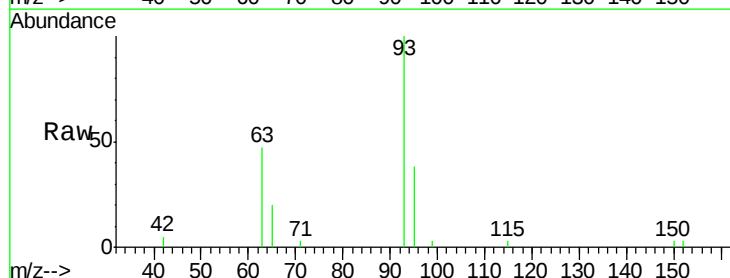
Tgt Ion: 93 Resp: 2750

Ion Ratio Lower Upper

93 100

63 69.7 54.3 81.5

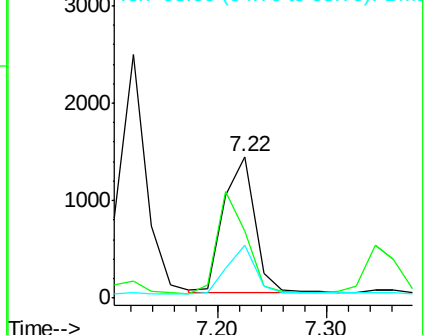
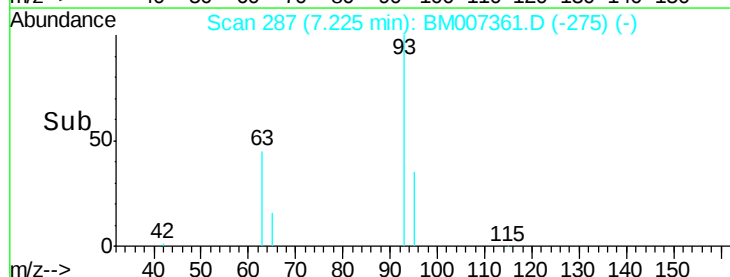
95 32.5 25.7 38.5

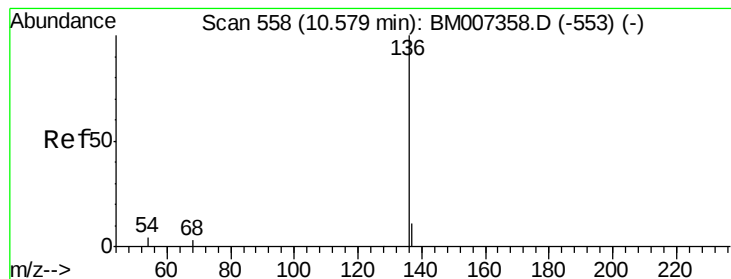


Abundance Ion 93.00 (92.70 to 93.70): BM007361.D (-275) (-)

Ion 63.00 (62.70 to 63.70): BM007361.D (-275) (-)

Ion 95.00 (94.70 to 95.70): BM007361.D (-275) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.58 min Scan# 558

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

Tgt Ion:136 Resp: 11322

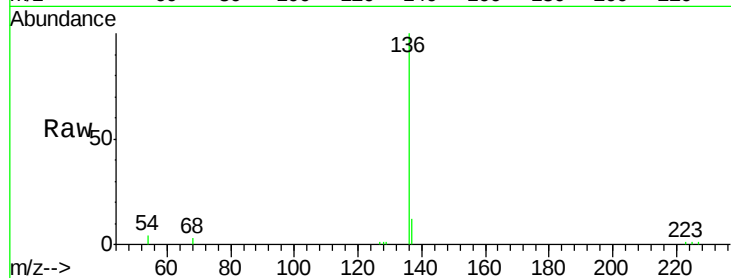
Ion Ratio Lower Upper

136 100

137 11.8 9.4 14.0

54 4.4 4.0 6.0

68 3.2 2.7 4.1

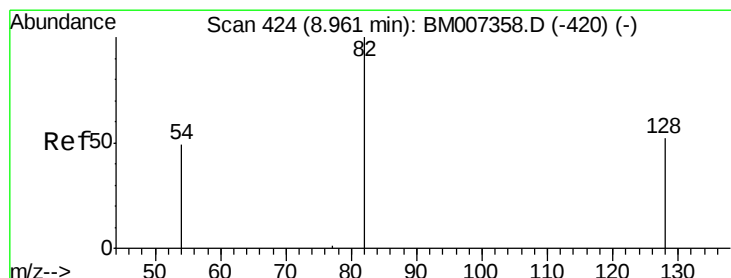
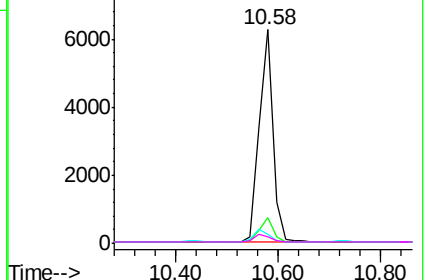
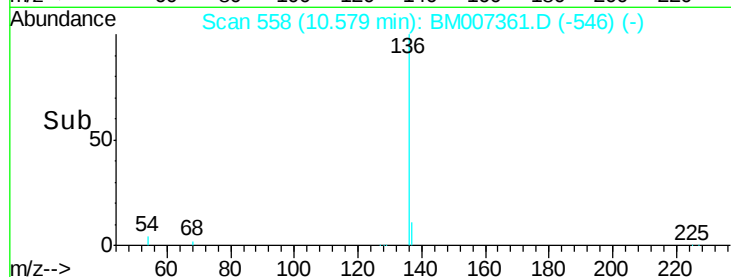


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 5.48 ng

RT: 8.95 min Scan# 423

Delta R.T. -0.01 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

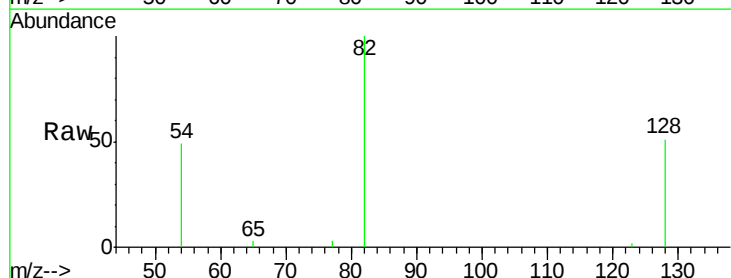
Tgt Ion: 82 Resp: 3224

Ion Ratio Lower Upper

82 100

128 51.2 54.9 82.3#

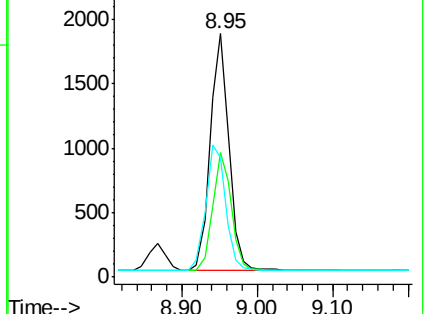
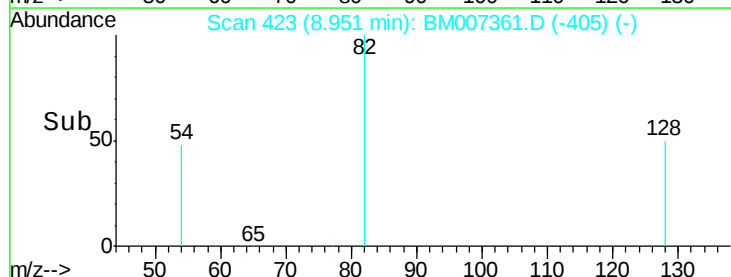
54 48.9 53.8 80.6#

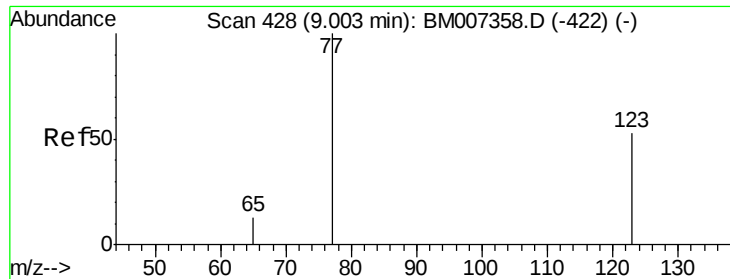


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

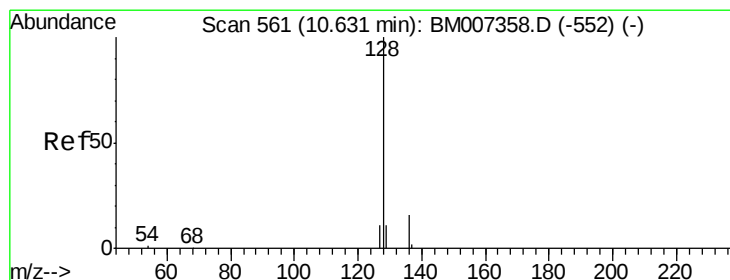
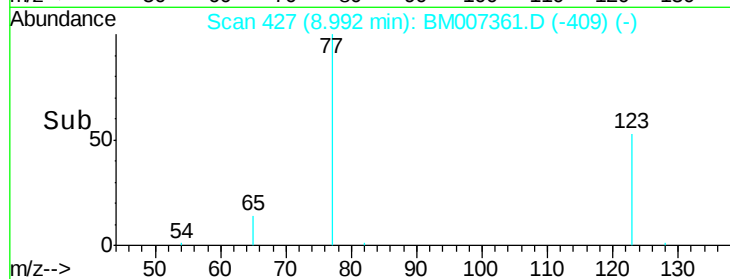
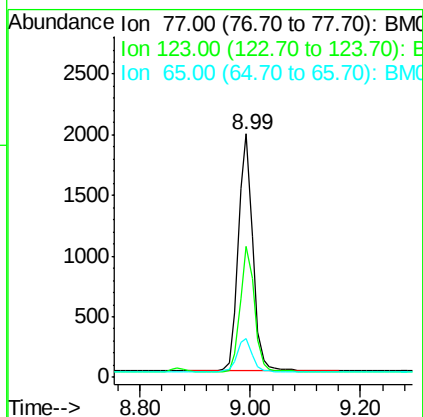
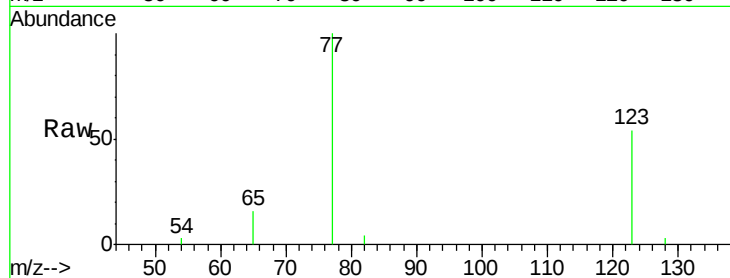




#9  
 Nitrobenzene  
 Concen: 5.31 ng  
 RT: 8.99 min Scan# 427  
 Delta R.T. -0.01 min  
 Lab File: BM007361.D  
 Acq: 01 Sep 2016 16:24

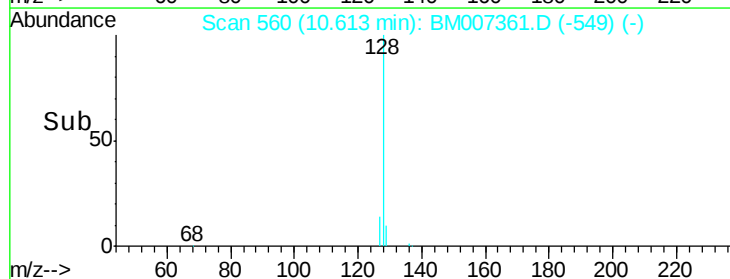
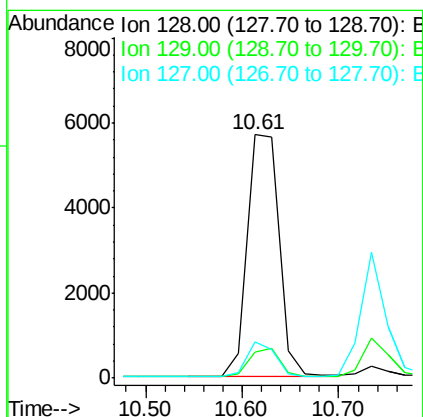
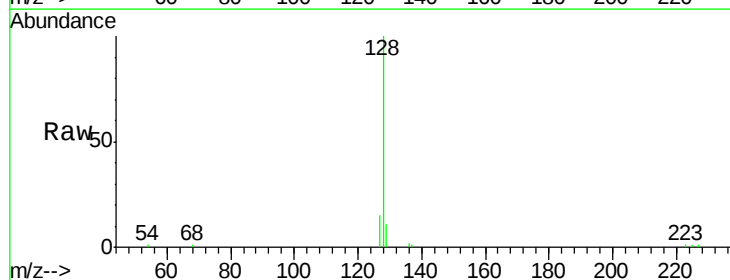
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005

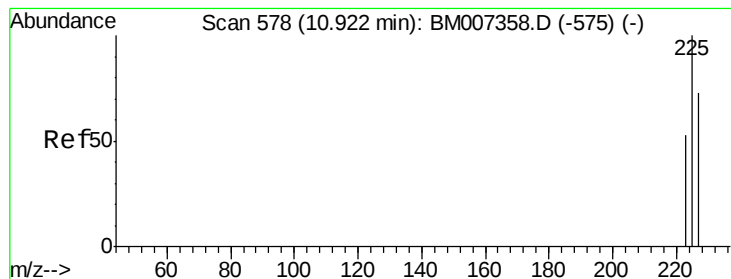
Tgt Ion: 77 Resp: 3519  
 Ion Ratio Lower Upper  
 77 100  
 123 52.7 40.0 60.0  
 65 14.5 10.6 15.8



#10  
 Naphthalene  
 Concen: 5.01 ng  
 RT: 10.61 min Scan# 560  
 Delta R.T. -0.02 min  
 Lab File: BM007361.D  
 Acq: 01 Sep 2016 16:24

Tgt Ion: 128 Resp: 12883  
 Ion Ratio Lower Upper  
 128 100  
 129 10.8 15.5 23.3#  
 127 15.1 15.5 23.3#

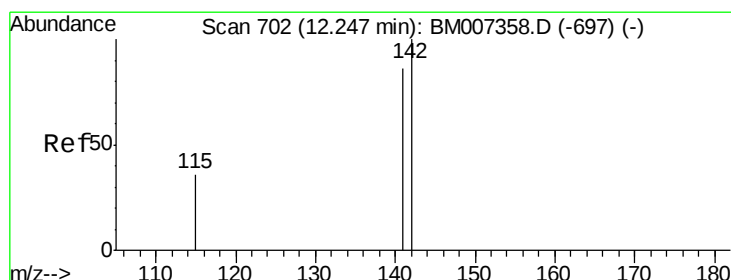
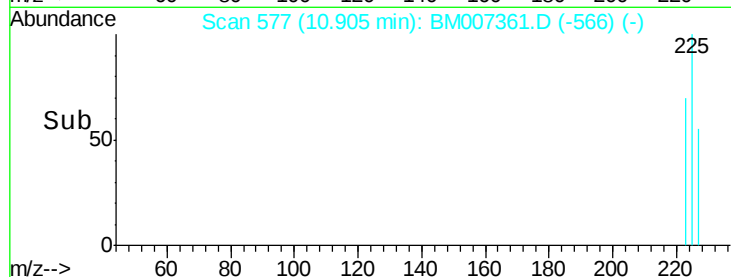
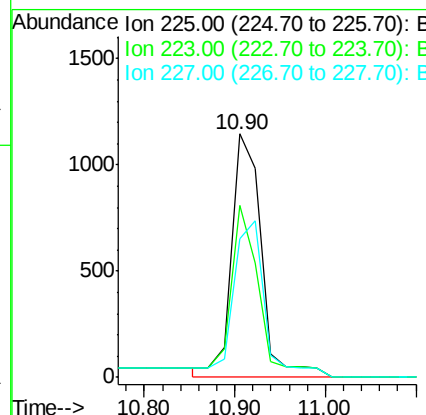
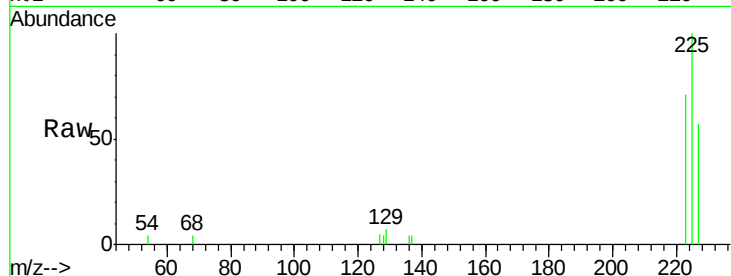




#11  
Hexachlorobutadiene  
Concen: 6.32 ng  
RT: 10.90 min Scan# 577  
Delta R.T. -0.02 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

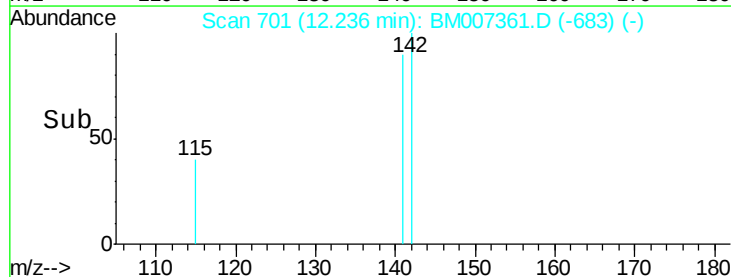
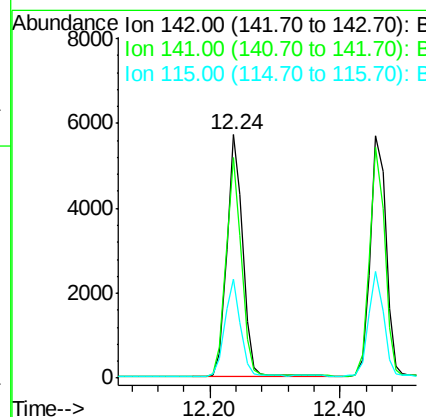
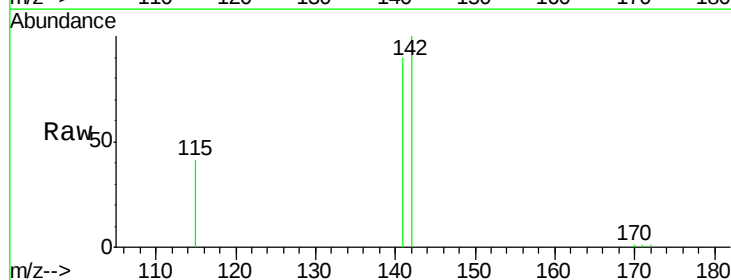
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC005

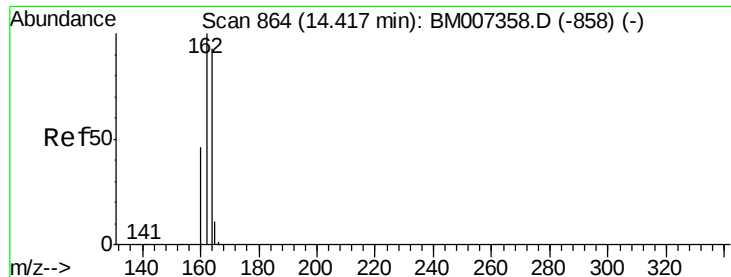
Tgt Ion: 225 Resp: 2544  
Ion Ratio Lower Upper  
225 100  
223 68.2 197.7 296.5#  
227 68.9 196.2 294.4#



#12  
2-Methylnaphthalene  
Concen: 5.51 ng  
RT: 12.24 min Scan# 701  
Delta R.T. -0.01 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

Tgt Ion: 142 Resp: 9511  
Ion Ratio Lower Upper  
142 100  
141 90.4 70.2 105.4  
115 40.8 35.7 53.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 864

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

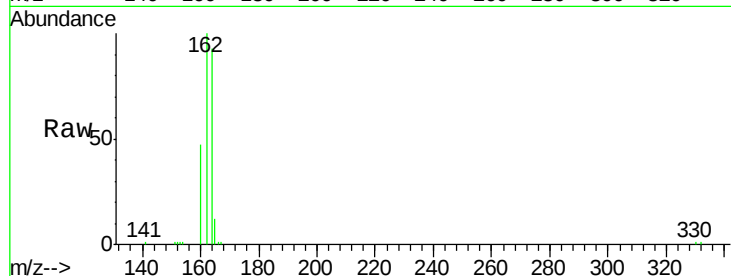
Tgt Ion:164 Resp: 7864

Ion Ratio Lower Upper

164 100

162 107.3 86.2 129.4

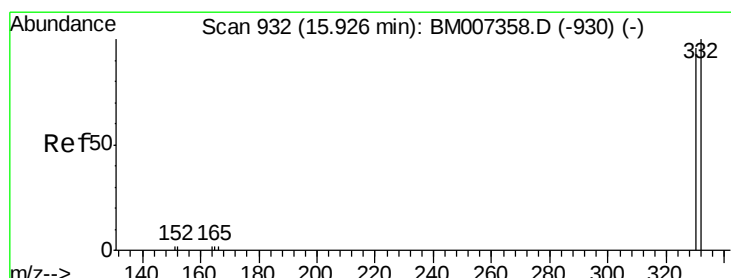
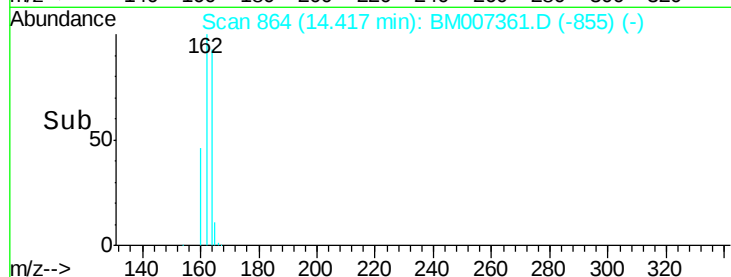
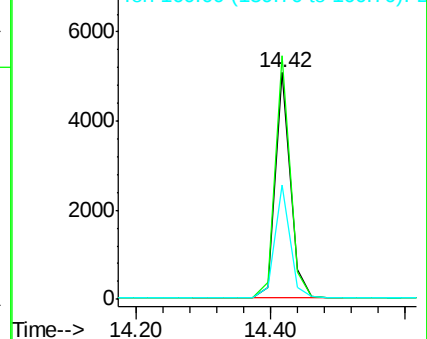
160 50.2 40.5 60.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 6.34 ng

RT: 15.90 min Scan# 931

Delta R.T. -0.02 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

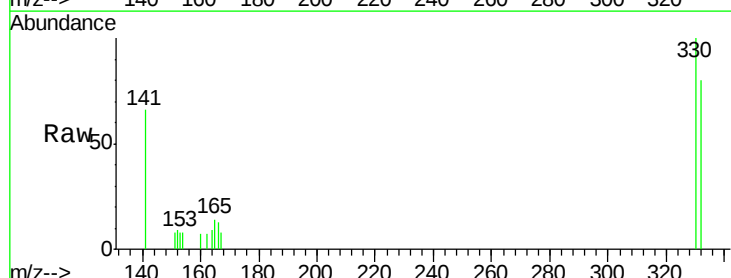
Tgt Ion:330 Resp: 1954

Ion Ratio Lower Upper

330 100

332 0.0 79.2 118.8#

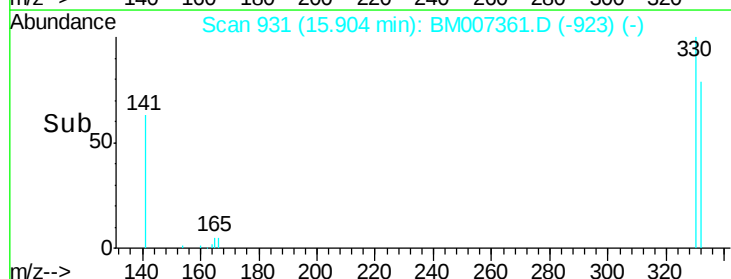
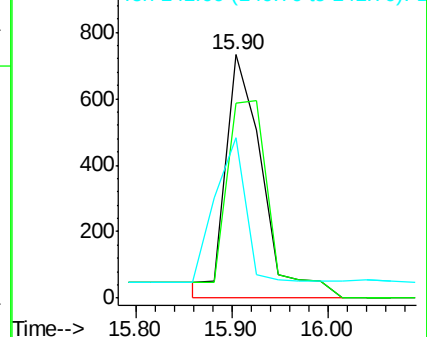
141 49.5 0.0 0.0#

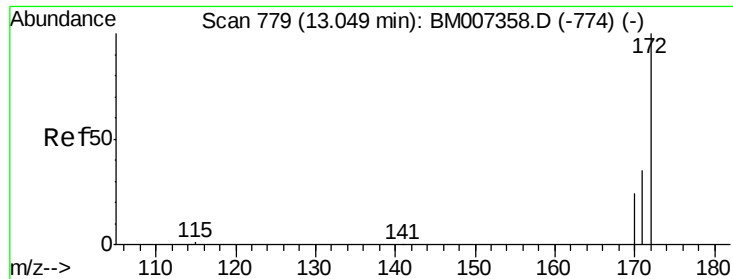


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

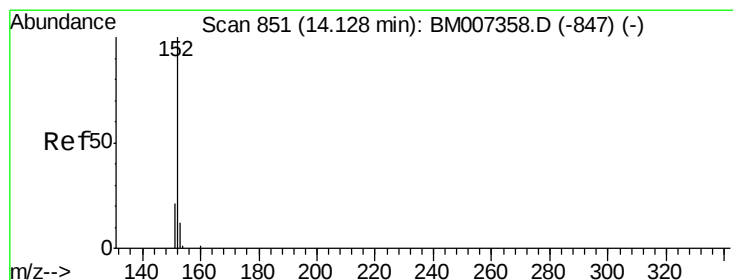
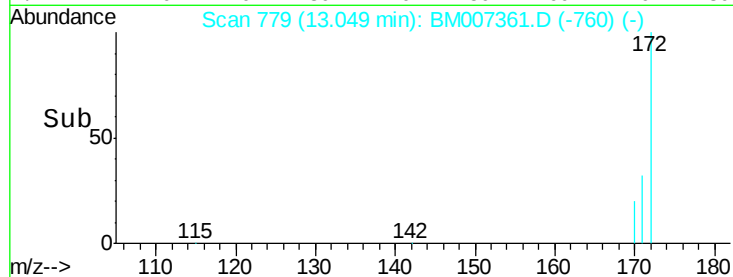
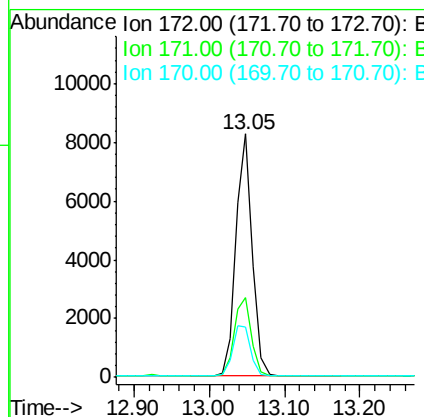
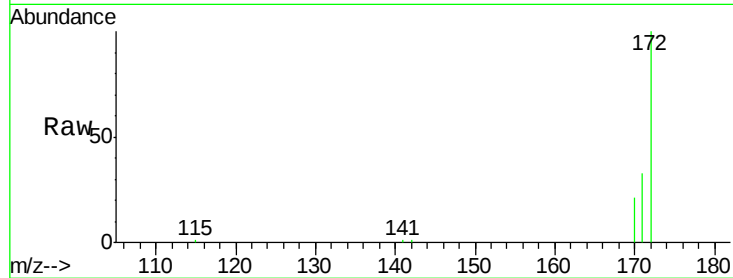




#15  
2-Fluorobiphenyl  
Concen: 5.24 ng  
RT: 13.05 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

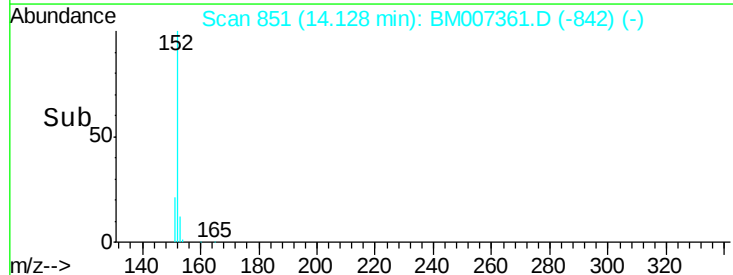
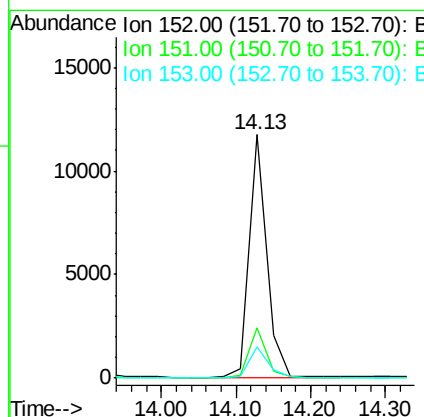
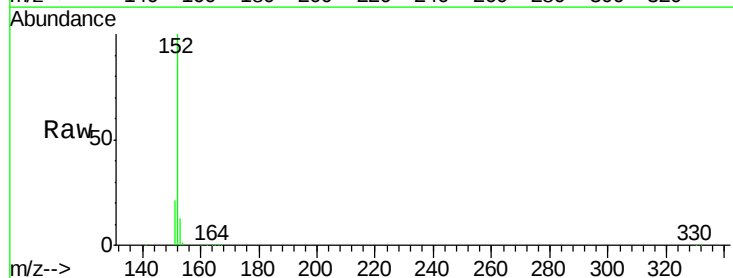
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC005

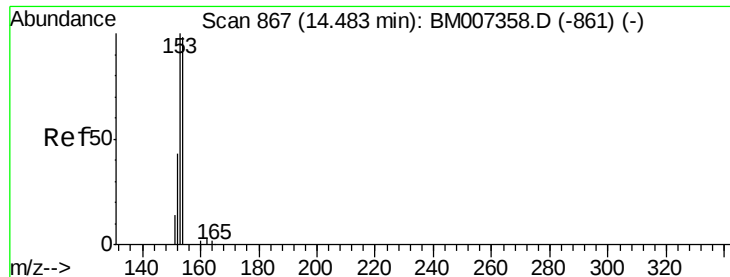
Tgt Ion:172 Resp: 12495  
Ion Ratio Lower Upper  
172 100  
171 32.6 32.2 48.2  
170 20.7 23.5 35.3#



#16  
Acenaphthylene  
Concen: 5.42 ng  
RT: 14.13 min Scan# 851  
Delta R.T. 0.00 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

Tgt Ion:152 Resp: 19031  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.7 23.5  
153 12.8 10.1 15.1

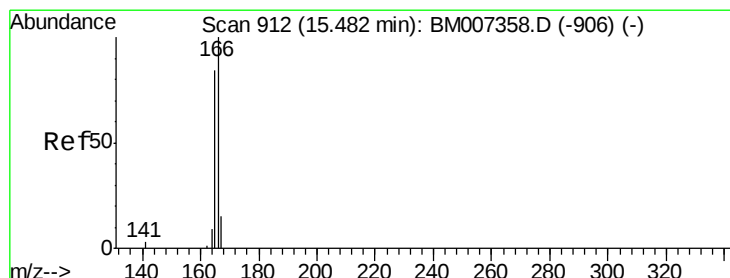
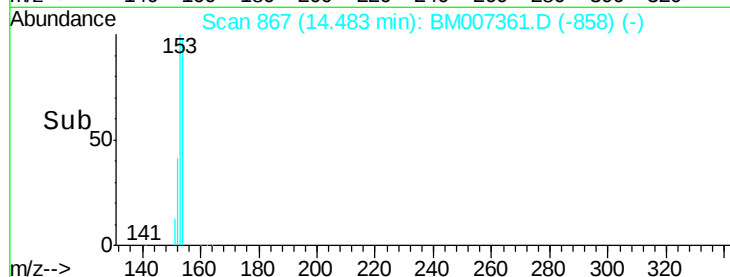
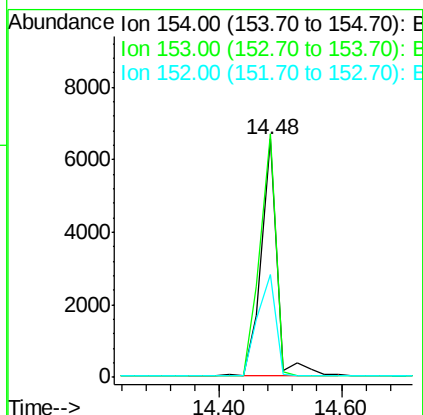
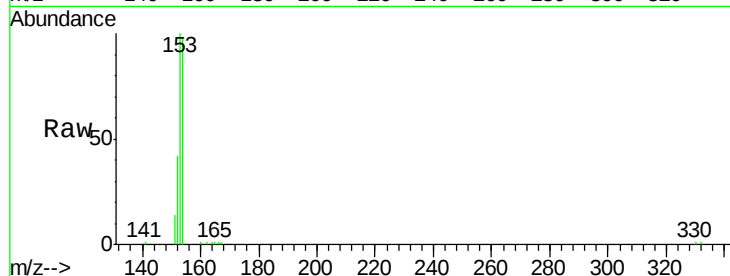




#17  
Acenaphthene  
Concen: 5.15 ng  
RT: 14.48 min Scan# 867  
Delta R.T. 0.00 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

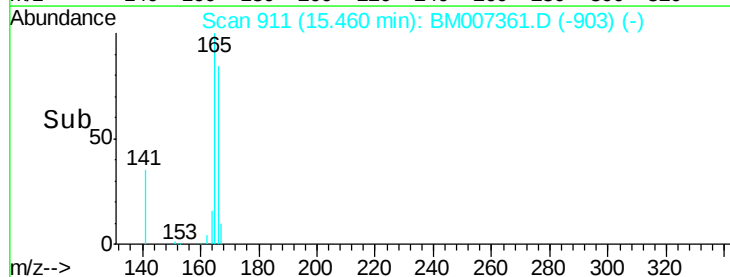
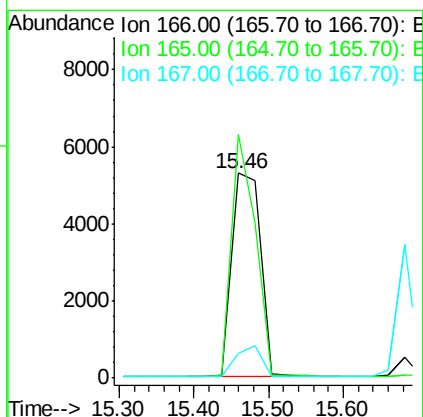
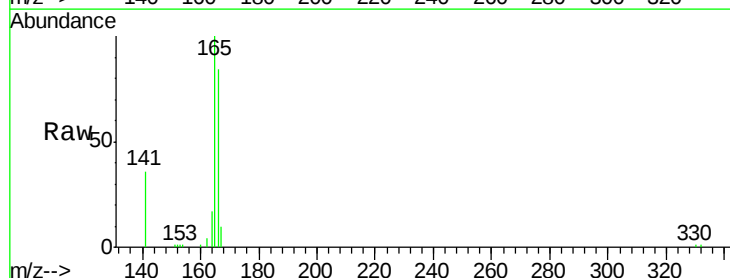
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC005

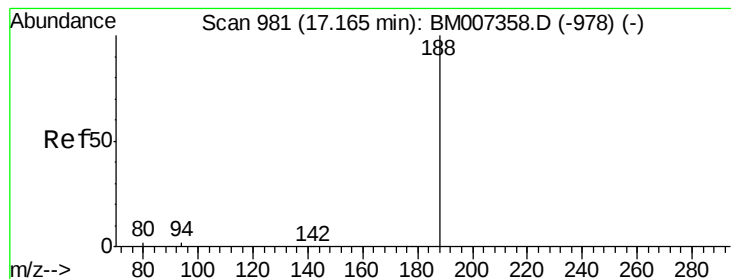
Tgt Ion:154 Resp: 11854  
Ion Ratio Lower Upper  
154 100  
153 104.2 85.1 127.7  
152 49.0 40.9 61.3



#18  
Fluorene  
Concen: 5.10 ng  
RT: 15.46 min Scan# 911  
Delta R.T. -0.02 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

Tgt Ion:166 Resp: 13939  
Ion Ratio Lower Upper  
166 100  
165 99.1 78.8 118.2  
167 0.0 10.8 16.2#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005

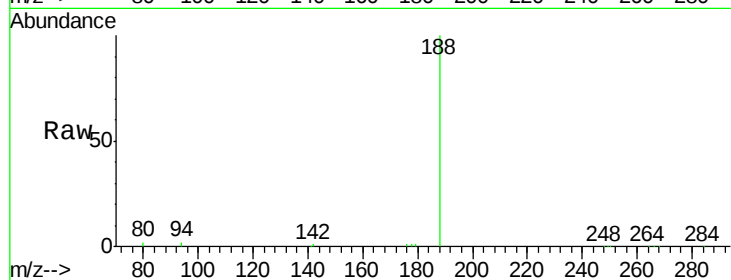
Tgt Ion:188 Resp: 18992

Ion Ratio Lower Upper

188 100

94 2.3 2.0 3.0

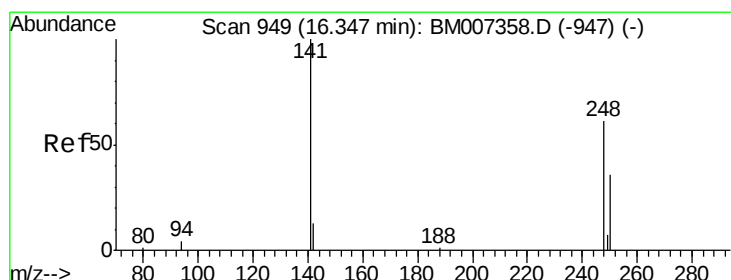
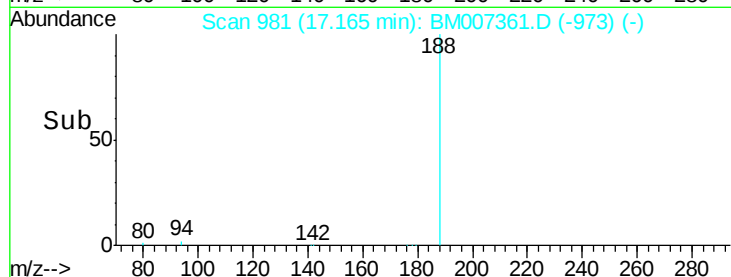
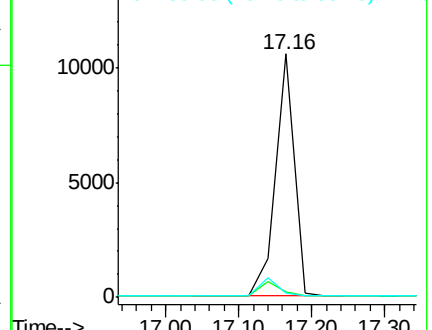
80 1.9 1.6 2.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 4.47 ng

RT: 16.35 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

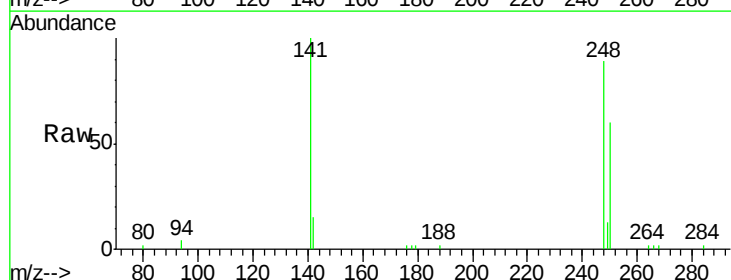
Tgt Ion:248 Resp: 4574

Ion Ratio Lower Upper

248 100

250 82.5 0.0 0.0#

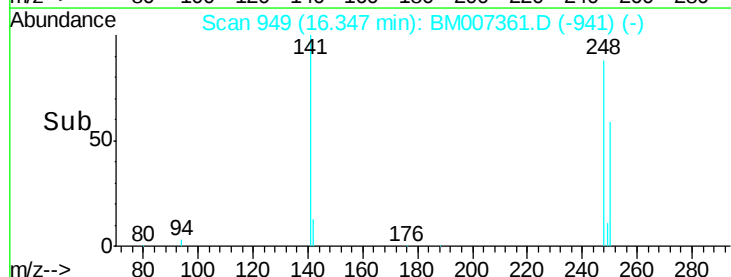
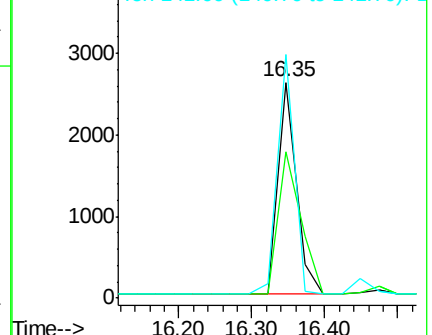
141 104.5 98.2 147.4

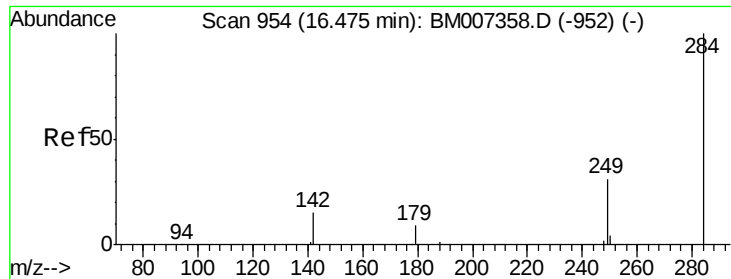


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

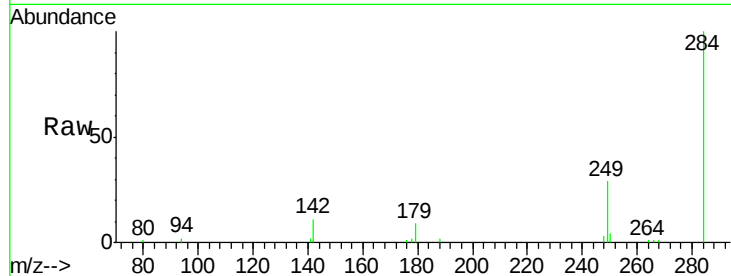




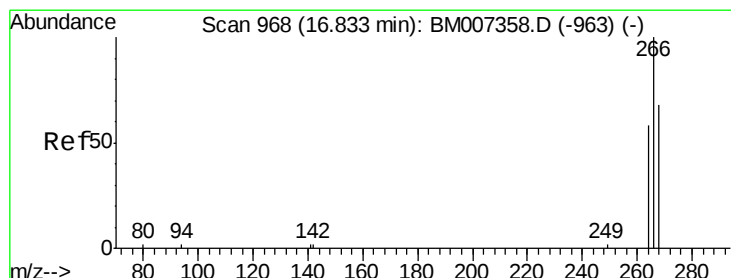
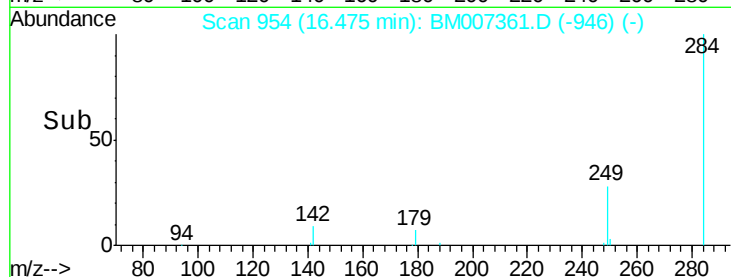
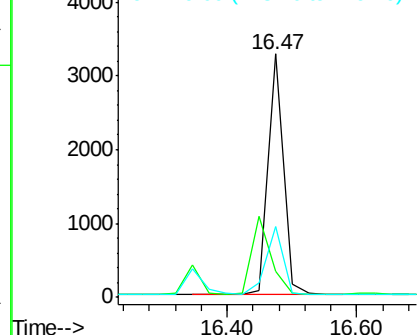
#21  
Hexachlorobenzene  
Concen: 5.16 ng  
RT: 16.47 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC005

Tgt Ion: 284 Resp: 5245  
Ion Ratio Lower Upper  
284 100  
142 0.0 0.0 0.0  
249 30.7 26.6 40.0

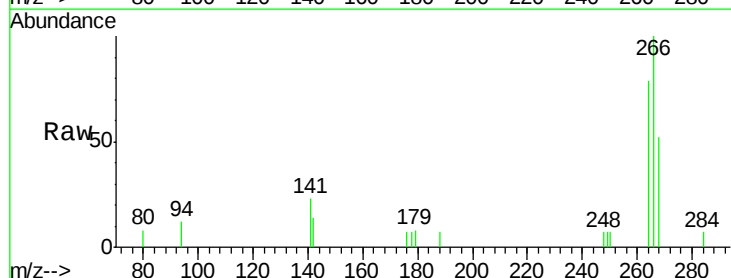


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

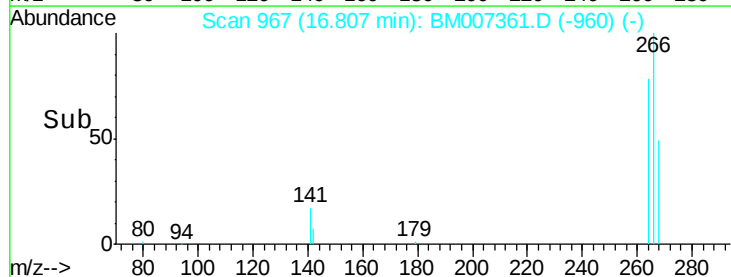
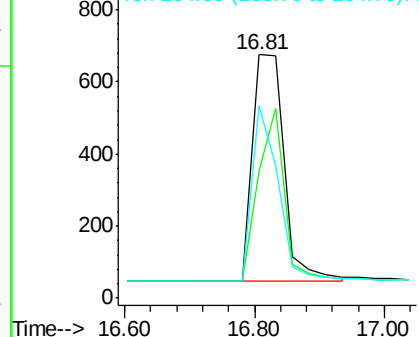


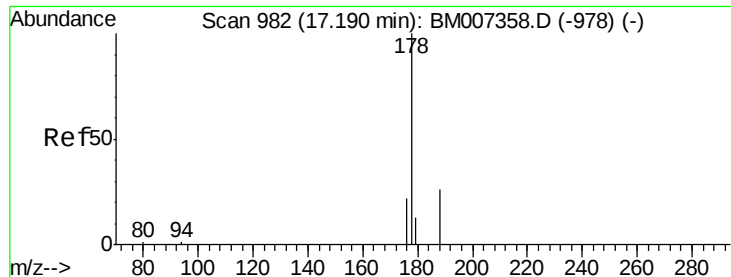
#22  
Pentachlorophenol  
Concen: 7.38 ng  
RT: 16.81 min Scan# 967  
Delta R.T. -0.03 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

Tgt Ion: 266 Resp: 2126  
Ion Ratio Lower Upper  
266 100  
268 52.4 66.4 99.6#  
264 79.0 61.6 92.4



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E

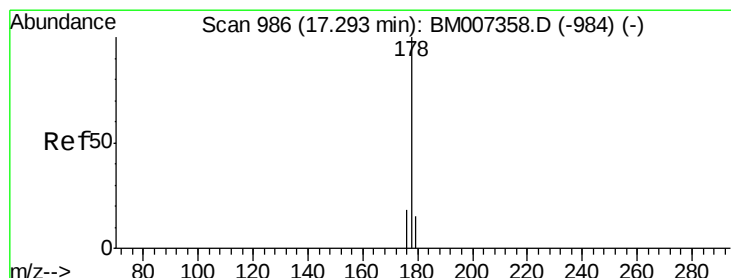
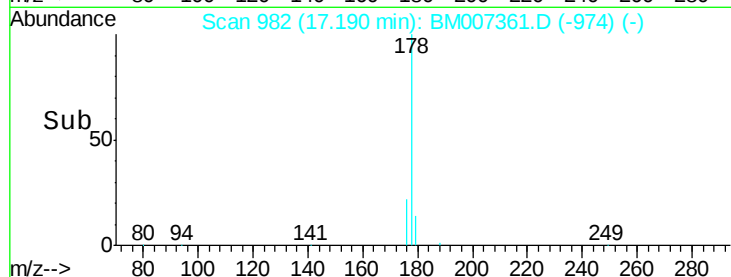
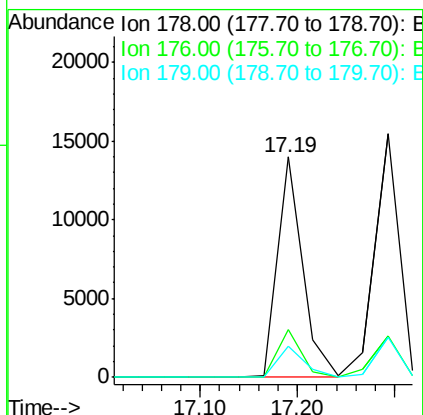
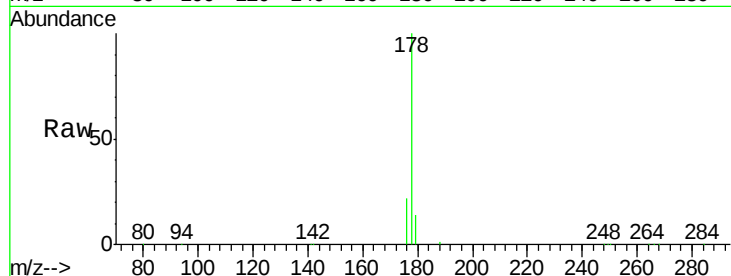




#23  
Phenanthrene  
Concen: 4.06 ng  
RT: 17.19 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

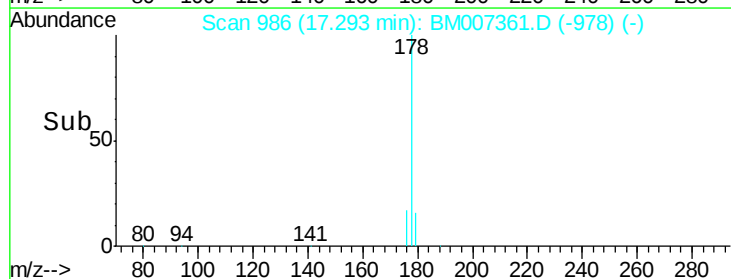
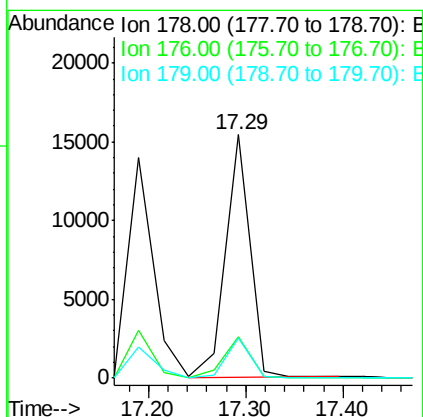
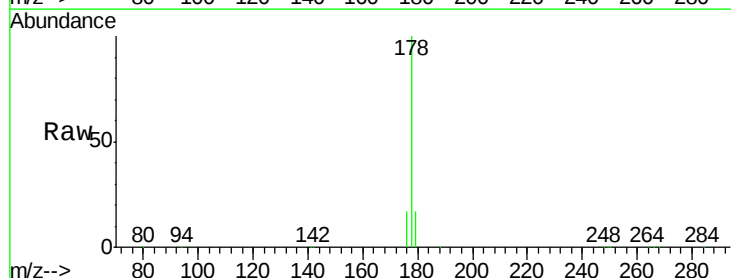
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC005

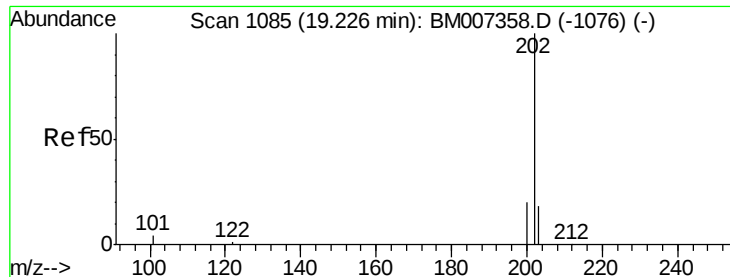
Tgt Ion:178 Resp: 25145  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.6 24.8  
179 14.6 12.5 18.7



#24  
Anthracene  
Concen: 5.72 ng  
RT: 17.29 min Scan# 986  
Delta R.T. 0.00 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

Tgt Ion:178 Resp: 26600  
Ion Ratio Lower Upper  
178 100  
176 17.7 14.8 22.2  
179 15.8 12.2 18.2





#25

Fluoranthene

Concen: 5.28 ng

RT: 19.23 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005

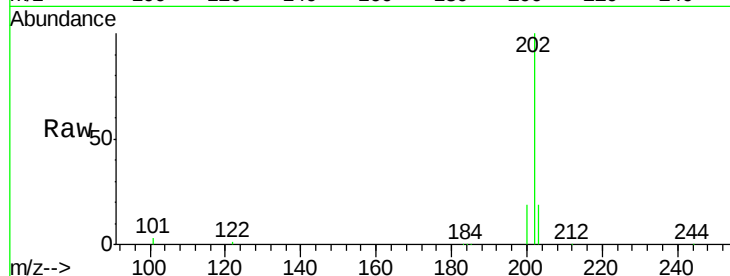
Tgt Ion:202 Resp: 31491

Ion Ratio Lower Upper

202 100

101 8.3 6.5 9.7

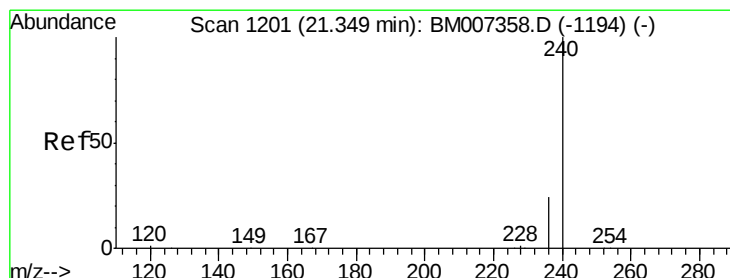
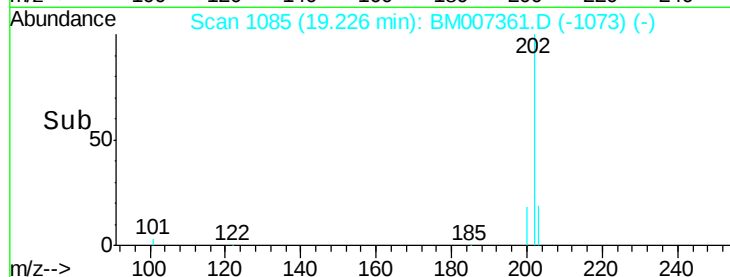
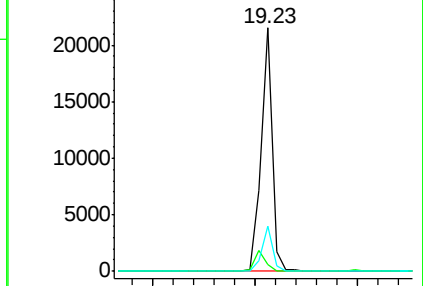
203 17.6 14.2 21.2



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.35 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

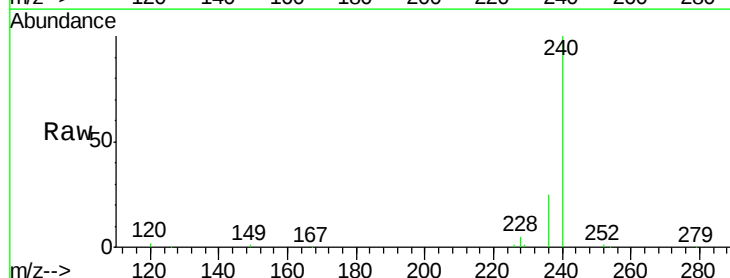
Tgt Ion:240 Resp: 23508

Ion Ratio Lower Upper

240 100

120 1.7 1.3 1.9

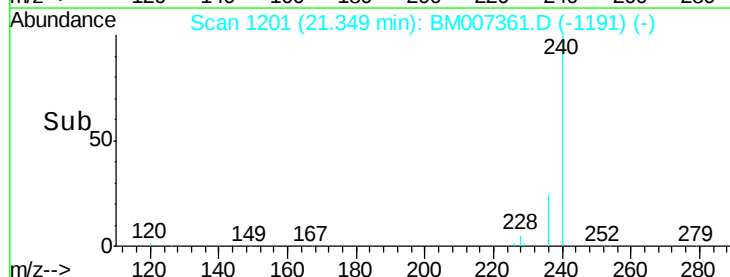
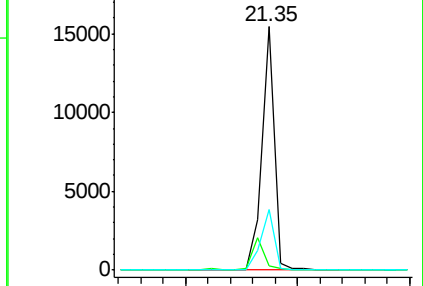
236 24.7 19.1 28.7

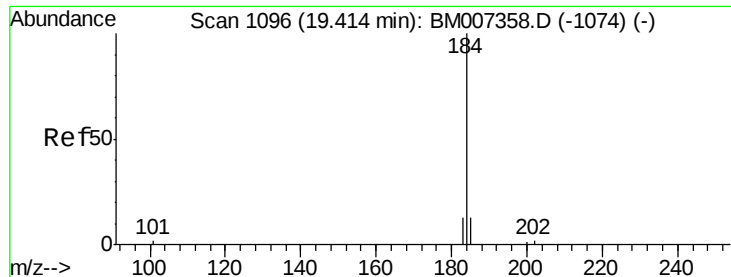


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 9.03 ng

RT: 19.41 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

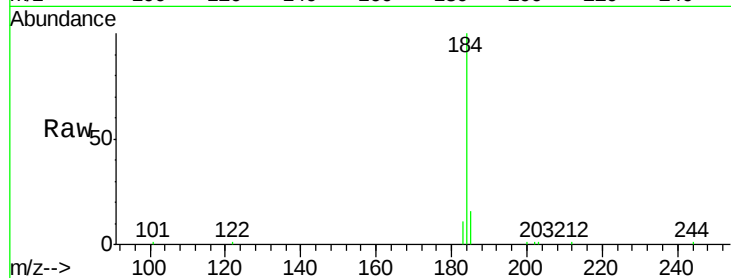
Tgt Ion:184 Resp: 11441

Ion Ratio Lower Upper

184 100

185 16.2 29.8 44.8#

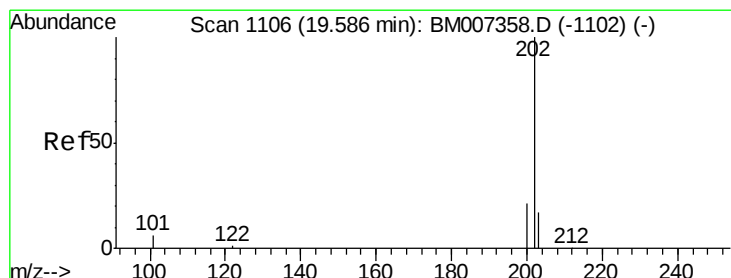
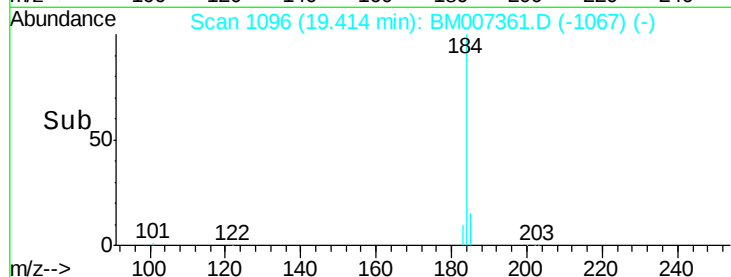
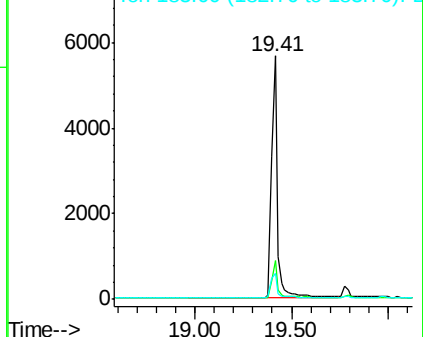
183 10.6 29.8 44.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 4.30 ng

RT: 19.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

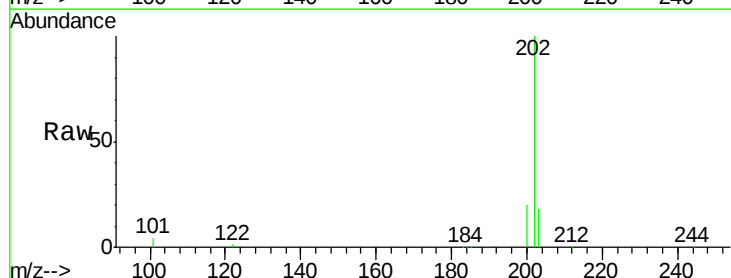
Tgt Ion:202 Resp: 34476

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

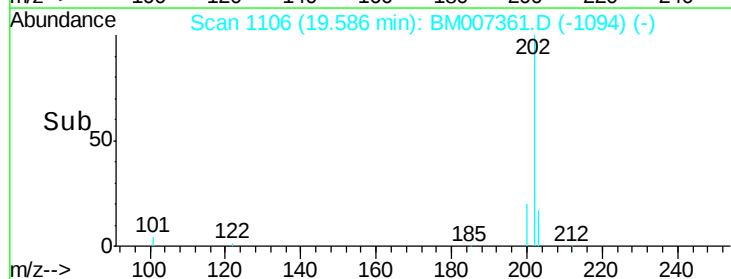
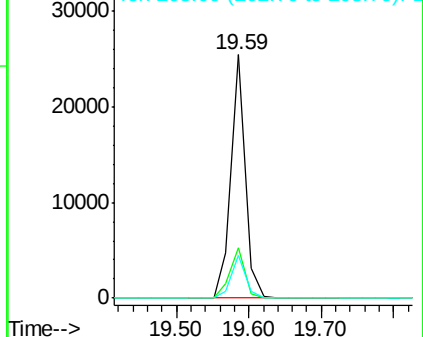
203 17.5 13.8 20.8

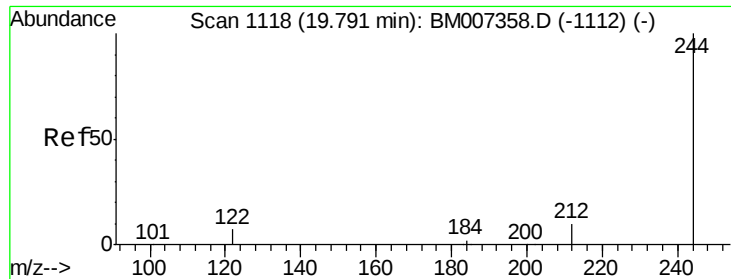


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.04 ng

RT: 19.79 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

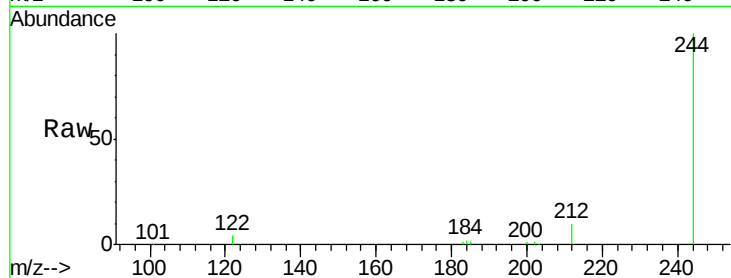
Tgt Ion:244 Resp: 16354

Ion Ratio Lower Upper

244 100

212 10.1 12.2 18.4#

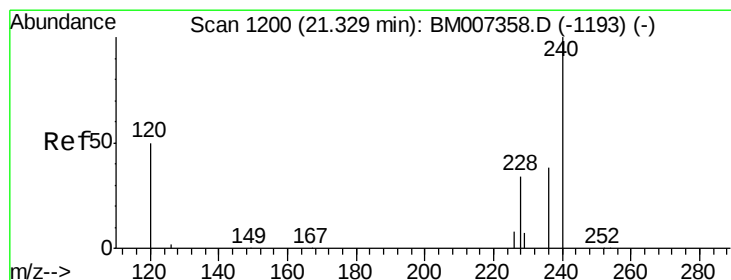
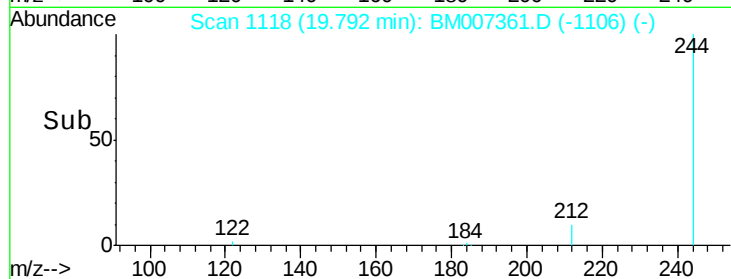
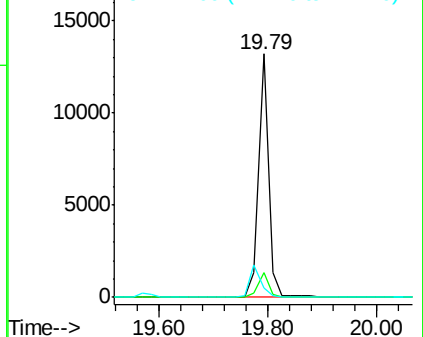
122 3.7 9.6 14.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 4.76 ng

RT: 21.33 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

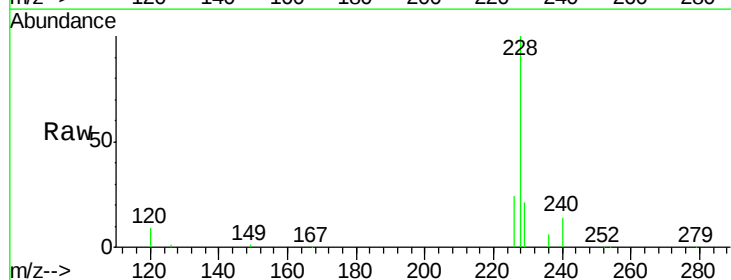
Tgt Ion:228 Resp: 34266

Ion Ratio Lower Upper

228 100

226 23.6 20.4 30.6

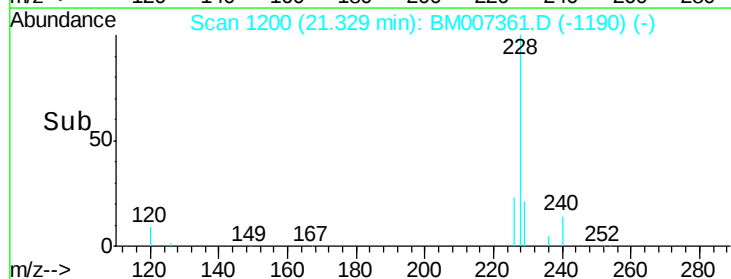
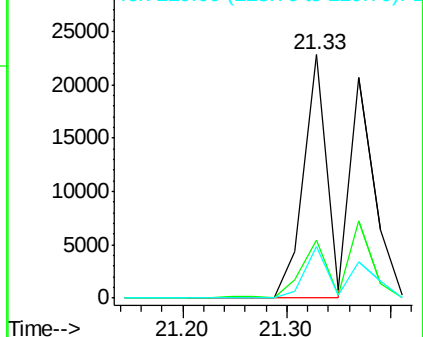
229 21.4 19.0 28.4

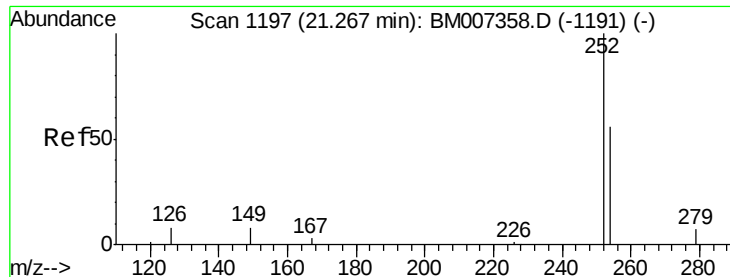


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

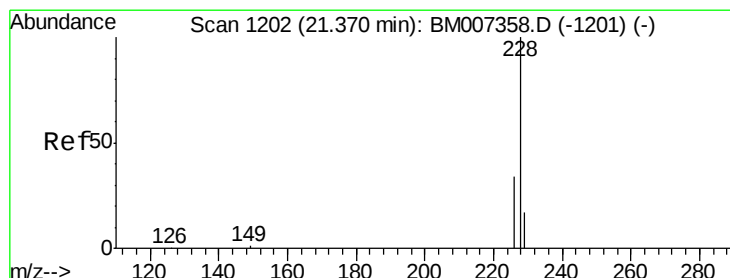
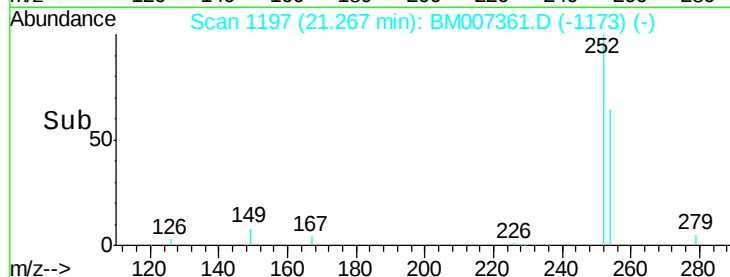
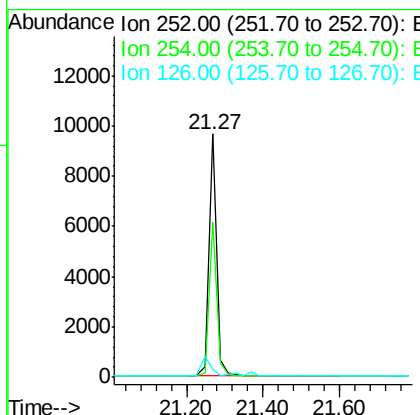
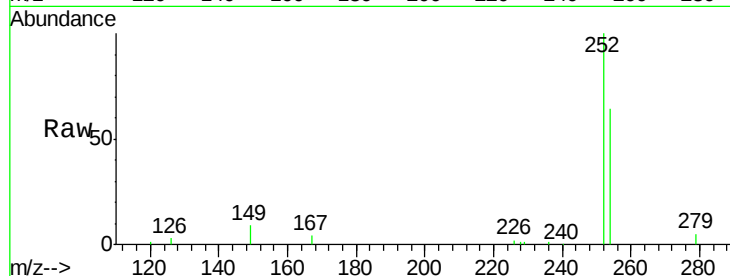




#31  
 3,3'-Dichlorobenzidine  
 Concen: 6.81 ng  
 RT: 21.27 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BM007361.D  
 Acq: 01 Sep 2016 16:24

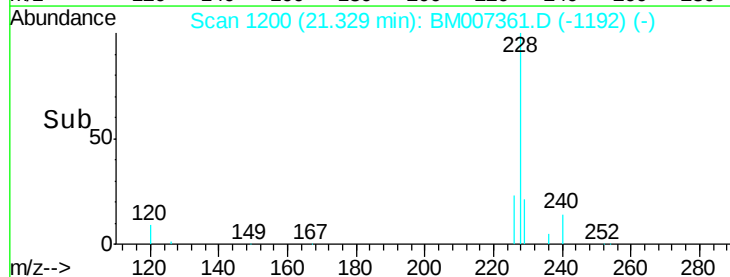
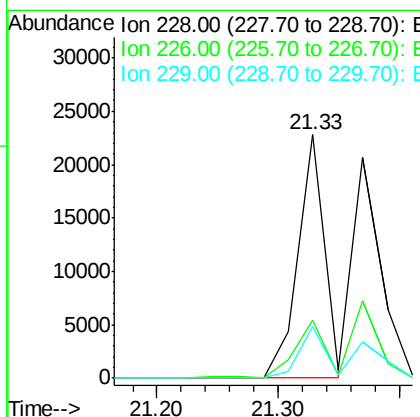
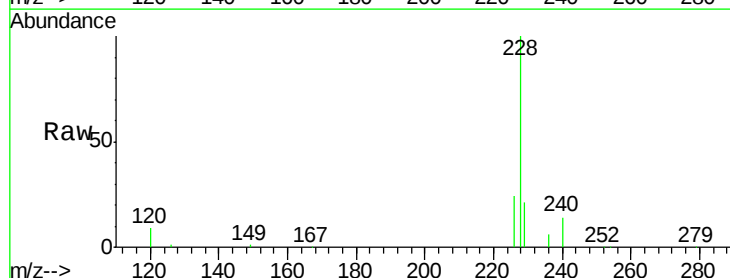
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005

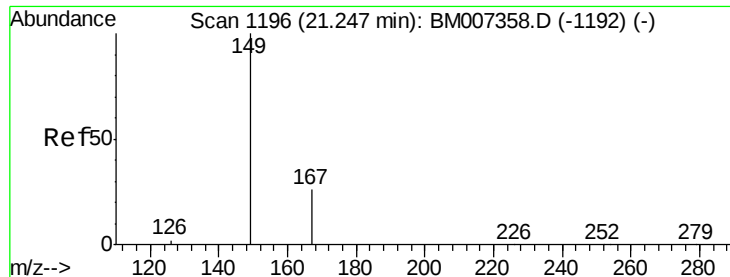
Tgt Ion: 252 Resp: 13526  
 Ion Ratio Lower Upper  
 252 100  
 254 63.7 49.4 74.0  
 126 3.4 16.3 24.5#



#32  
 Chrysene  
 Concen: 4.73 ng  
 RT: 21.33 min Scan# 1200  
 Delta R.T. -0.04 min  
 Lab File: BM007361.D  
 Acq: 01 Sep 2016 16:24

Tgt Ion: 228 Resp: 34269  
 Ion Ratio Lower Upper  
 228 100  
 226 23.6 28.3 42.5#  
 229 21.4 15.7 23.5





#33

Bis(2-ethylhexyl)phthalate

Concen: 5.18 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005

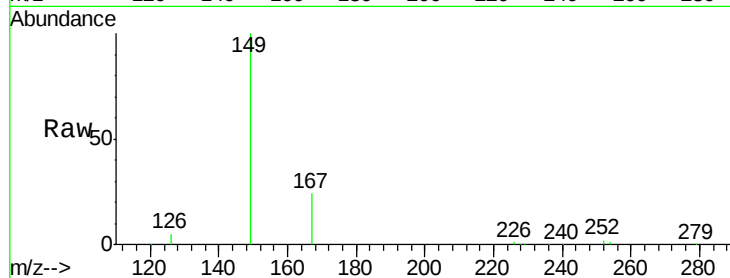
Tgt Ion:149 Resp: 23251

Ion Ratio Lower Upper

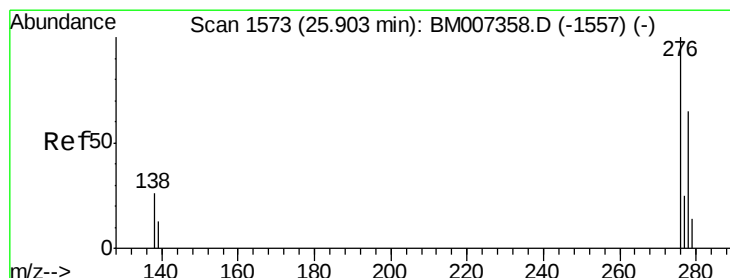
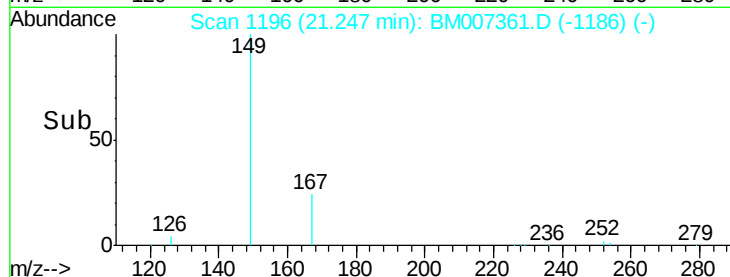
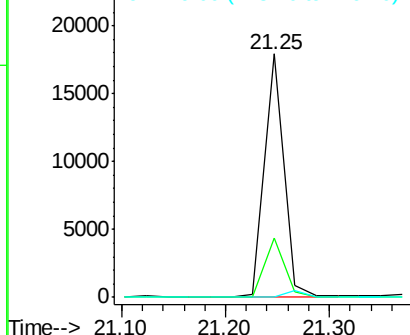
149 100

167 24.8 21.0 31.4

279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 6.10 ng

RT: 25.90 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

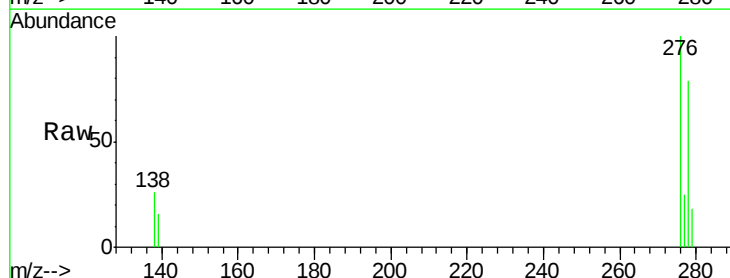
Tgt Ion:276 Resp: 31798

Ion Ratio Lower Upper

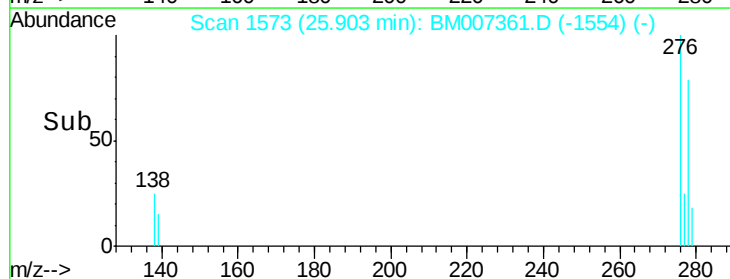
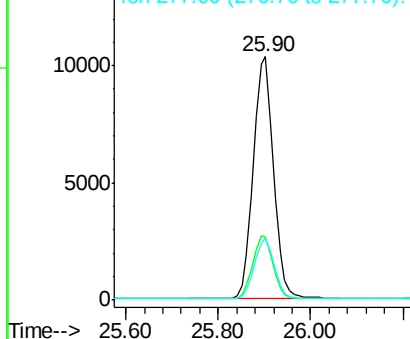
276 100

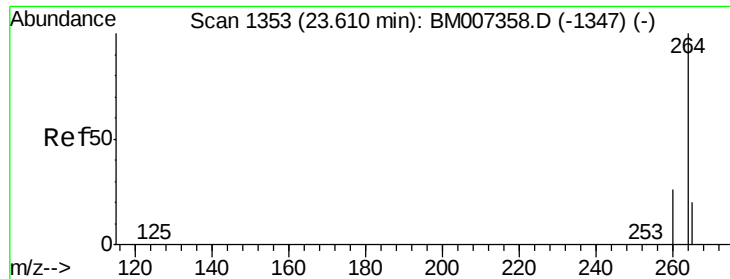
138 26.4 21.0 31.4

277 24.7 19.7 29.5



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





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.61 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

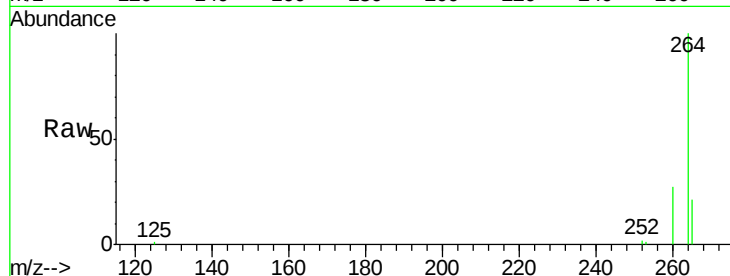
Tgt Ion:264 Resp: 21050

Ion Ratio Lower Upper

264 100

260 26.9 21.2 31.8

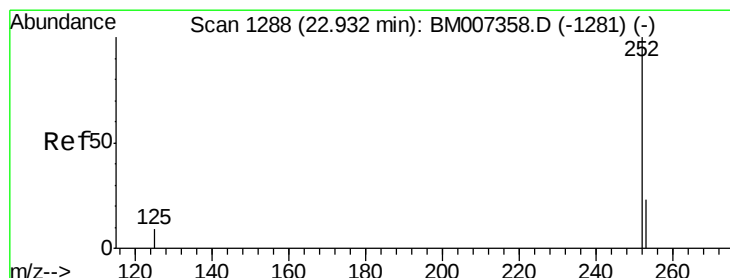
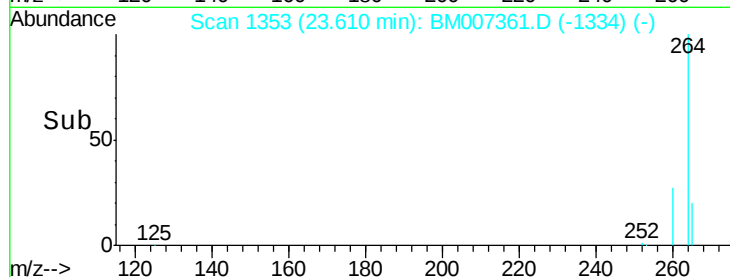
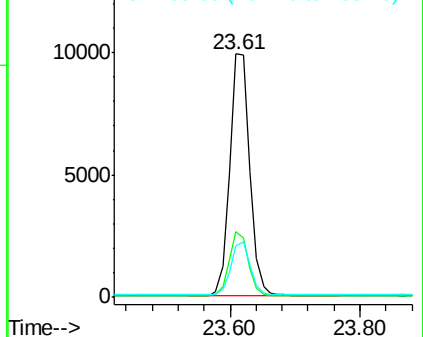
265 21.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#36

Benzo(b)fluoranthene

Concen: 5.20 ng

RT: 22.93 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

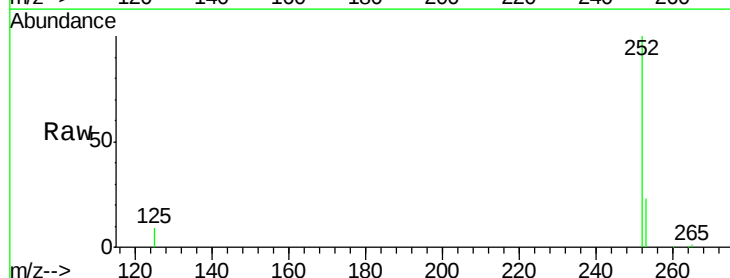
Tgt Ion:252 Resp: 35346

Ion Ratio Lower Upper

252 100

253 22.7 21.4 32.2

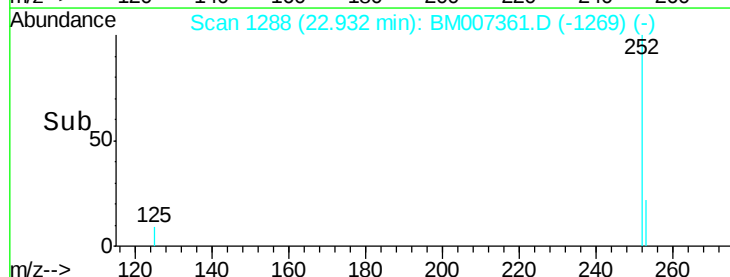
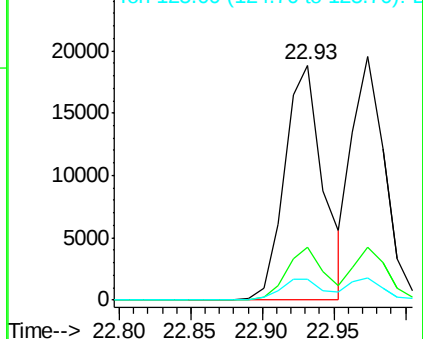
125 8.9 10.5 15.7#

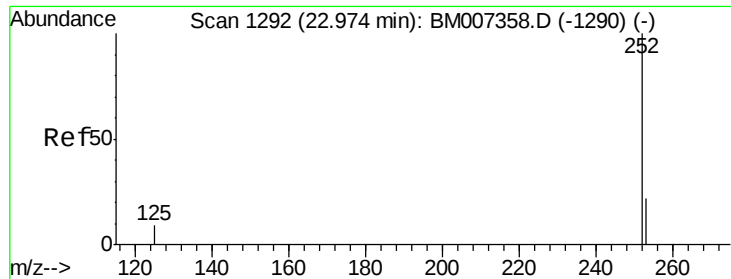


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

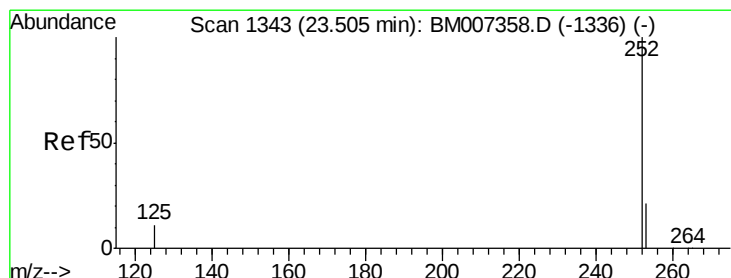
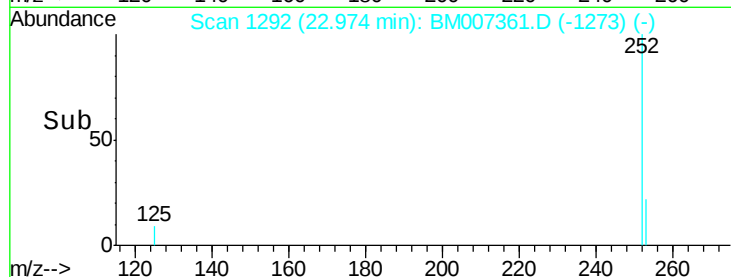
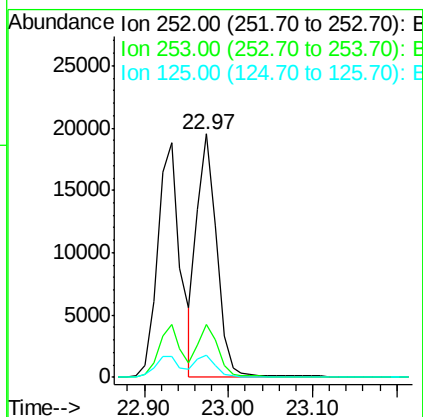
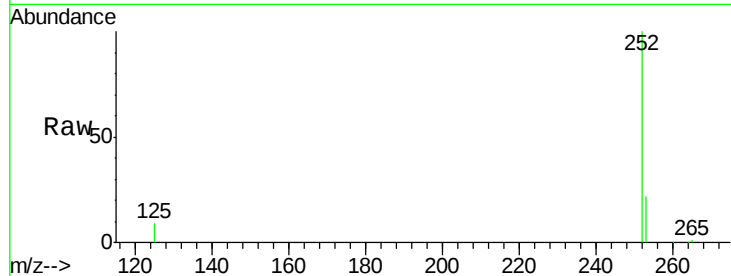




#37  
Benzo(k)fluoranthene  
Concen: 4.98 ng  
RT: 22.97 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

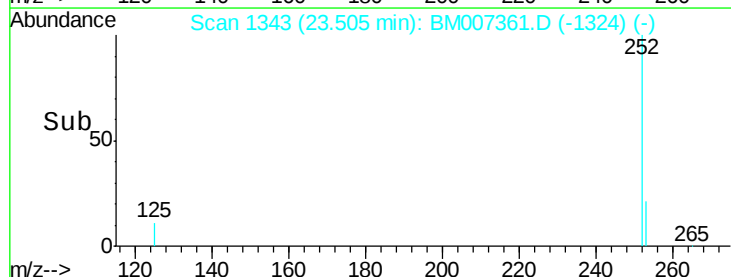
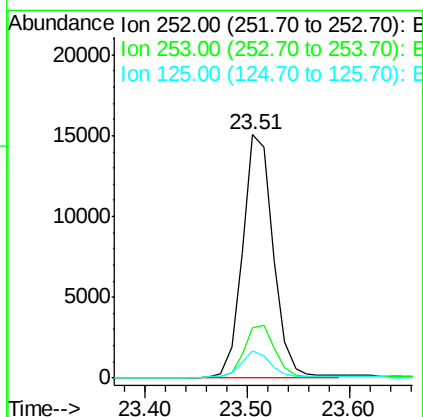
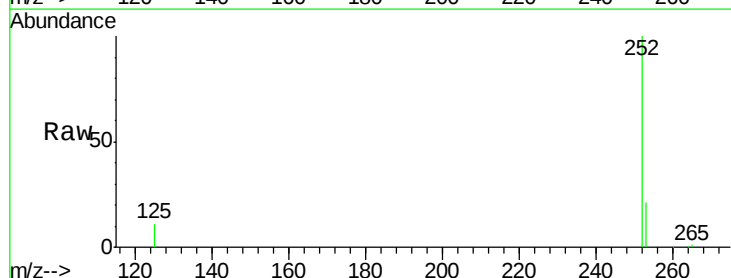
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC005

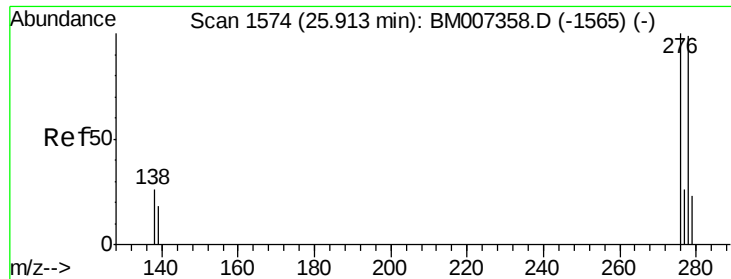
Tgt Ion: 252 Resp: 31009  
Ion Ratio Lower Upper  
252 100  
253 21.8 20.6 30.8  
125 9.3 10.7 16.1#



#38  
Benzo(a)pyrene  
Concen: 5.32 ng  
RT: 23.51 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BM007361.D  
Acq: 01 Sep 2016 16:24

Tgt Ion: 252 Resp: 30930  
Ion Ratio Lower Upper  
252 100  
253 20.9 20.6 31.0  
125 11.0 13.0 19.4#





#39

Dibenzo(a,h)anthracene

Concen: 5.63 ng

RT: 25.91 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005

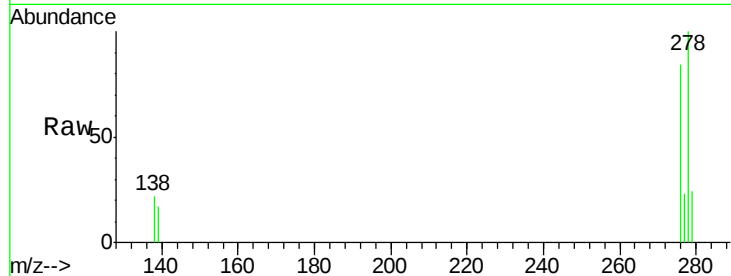
Tgt Ion: 278 Resp: 25667

Ion Ratio Lower Upper

278 100

139 16.9 20.4 30.6#

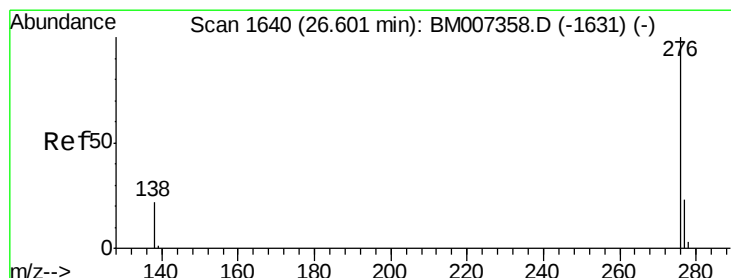
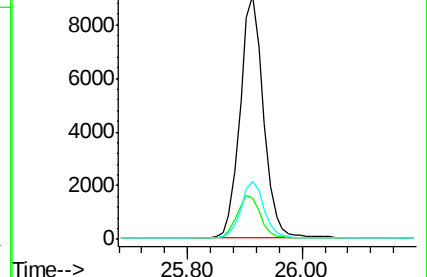
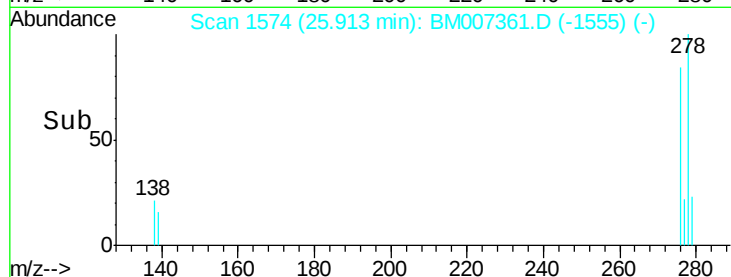
279 23.8 24.2 36.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 5.41 ng

RT: 26.60 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BM007361.D

Acq: 01 Sep 2016 16:24

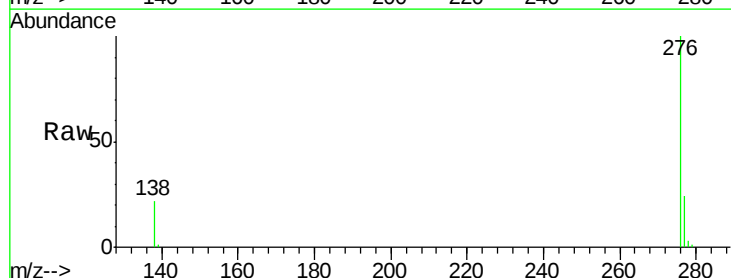
Tgt Ion: 276 Resp: 25860

Ion Ratio Lower Upper

276 100

277 24.1 24.2 36.2#

138 22.2 23.1 34.7#



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

