

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM090116\  
 Data File : BM007358.D  
 Acq On : 01 Sep 2016 14:13  
 Operator : UM/SJ  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICCC0.4

Quant Time: Sep 02 05:03:07 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  | 2382     | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.58 | 136  | 11290    | 5.00 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.42 | 164  | 8460     | 5.00 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.16 | 188  | 22161    | 5.00 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.35 | 240  | 23099    | 5.00 | ng    | 0.00     |
| 35) Perylene-d12          | 23.61 | 264  | 20488    | 5.00 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.39  | 112 | 180  | 0.33 | ng | 0.00 |
| 5) Phenol-d6                | 6.97  | 99  | 222  | 0.33 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.96  | 82  | 196  | 0.33 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.93 | 330 | 410  | 1.24 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.05 | 172 | 946  | 0.37 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.79 | 244 | 1154 | 0.29 | ng | 0.00 |

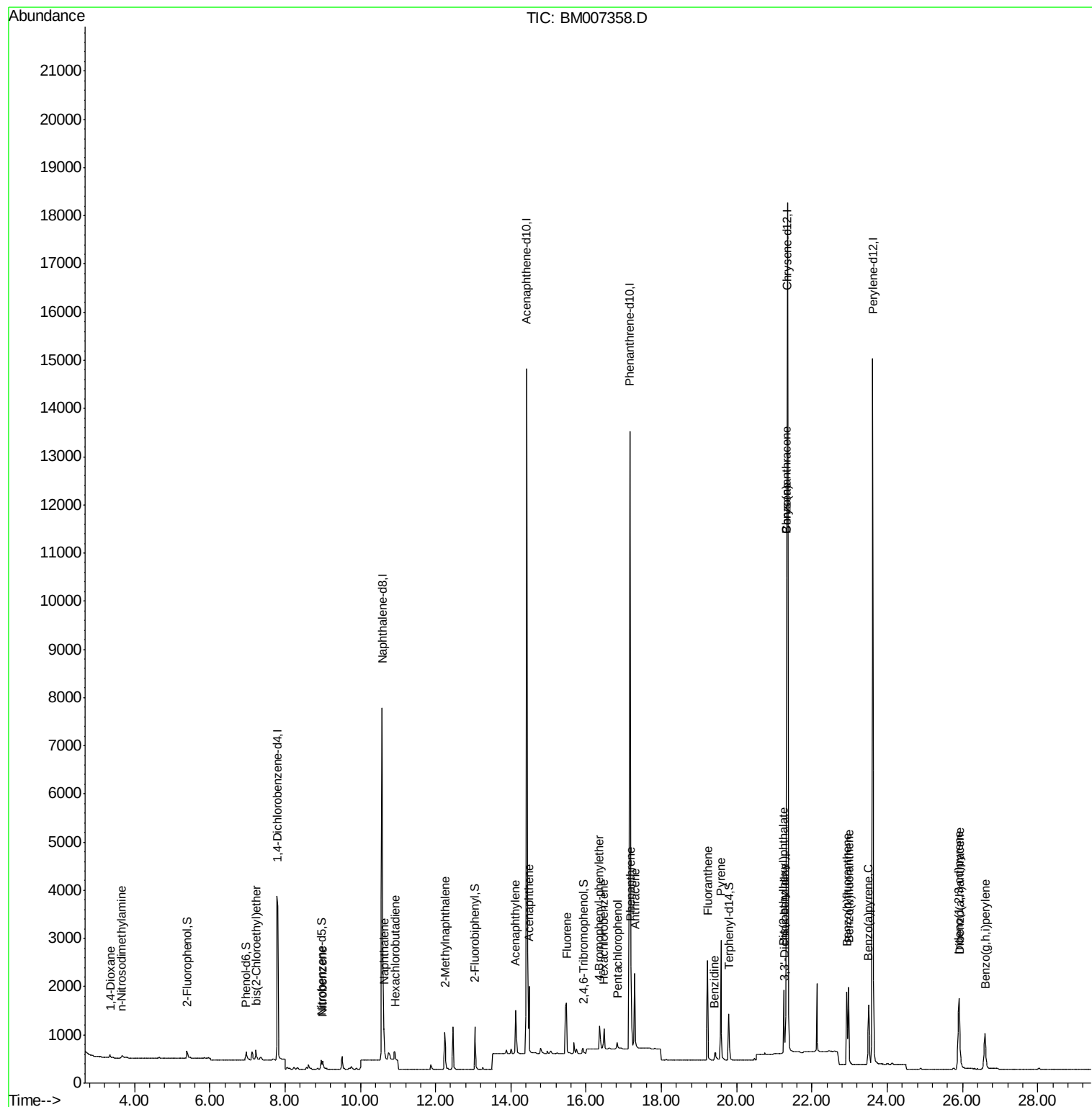
|                                |       |     |      |      |    |        |
|--------------------------------|-------|-----|------|------|----|--------|
| Target Compounds               |       |     |      |      |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.35  | 88  | 86   | 0.34 | ng | 100    |
| 3) n-Nitrosodimethylamine      | 3.66  | 42  | 71   | 0.29 | ng | 100    |
| 6) bis(2-Chloroethyl)ether     | 7.22  | 93  | 184  | 0.31 | ng | 100    |
| 9) Nitrobenzene                | 9.00  | 77  | 204  | 0.31 | ng | 100    |
| 10) Naphthalene                | 10.63 | 128 | 977  | 0.38 | ng | 100    |
| 11) Hexachlorobutadiene        | 10.92 | 225 | 483  | 1.20 | ng | # 8    |
| 12) 2-Methylnaphthalene        | 12.25 | 142 | 692  | 0.40 | ng | 100    |
| 16) Acenaphthylene             | 14.13 | 152 | 1268 | 0.34 | ng | 100    |
| 17) Acenaphthene               | 14.48 | 154 | 910  | 0.37 | ng | 100    |
| 18) Fluorene                   | 15.48 | 166 | 1083 | 0.37 | ng | 100    |
| 20) 4-Bromophenyl-phenylether  | 16.35 | 248 | 307  | 0.26 | ng | # 100  |
| 21) Hexachlorobenzene          | 16.47 | 284 | 420  | 0.35 | ng | # 100  |
| 22) Pentachlorophenol          | 16.83 | 266 | 121  | 0.36 | ng | 100    |
| 23) Phenanthrene               | 17.19 | 178 | 2059 | 0.28 | ng | 100    |
| 24) Anthracene                 | 17.29 | 178 | 2020 | 0.37 | ng | 100    |
| 25) Fluoranthene               | 19.23 | 202 | 2303 | 0.33 | ng | 100    |
| 27) Benzidine                  | 19.41 | 184 | 517  | 0.42 | ng | 100    |
| 28) Pyrene                     | 19.59 | 202 | 2503 | 0.32 | ng | 100    |
| 30) Benzo(a)anthracene         | 21.33 | 228 | 2376 | 0.34 | ng | 100    |
| 31) 3,3'-Dichlorobenzidine     | 21.27 | 252 | 644  | 0.33 | ng | 100    |
| 32) Chrysene                   | 21.33 | 228 | 2376 | 0.33 | ng | # 86   |
| 33) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 1323 | 0.30 | ng | # 100  |
| 34) Indeno(1,2,3-cd)pyrene     | 25.90 | 276 | 2004 | 0.39 | ng | 100    |
| 36) Benzo(b)fluoranthene       | 22.93 | 252 | 2372 | 0.36 | ng | 100    |
| 37) Benzo(k)fluoranthene       | 22.97 | 252 | 2077 | 0.34 | ng | 100    |
| 38) Benzo(a)pyrene             | 23.51 | 252 | 2018 | 0.36 | ng | 100    |
| 39) Dibenzo(a,h)anthracene     | 25.91 | 278 | 1597 | 0.36 | ng | 100    |
| 40) Benzo(g,h,i)perylene       | 26.60 | 276 | 1701 | 0.37 | ng | 100    |

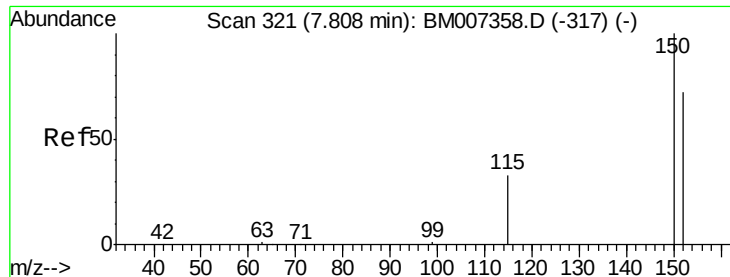
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.81 min Scan# 321

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

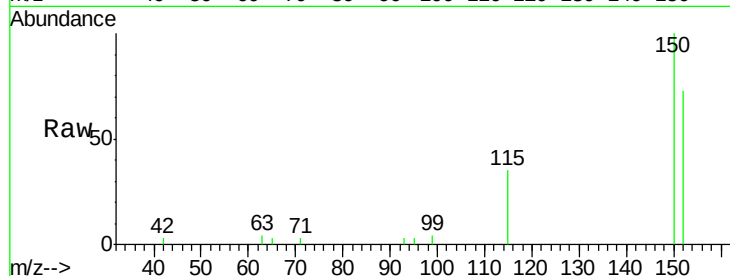
Tgt Ion: 152 Resp: 2382

Ion Ratio Lower Upper

152 100

150 137.3 109.8 164.8

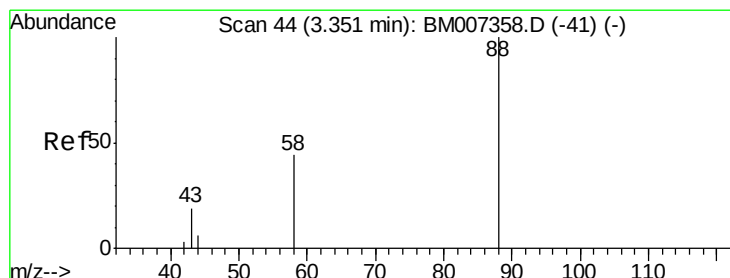
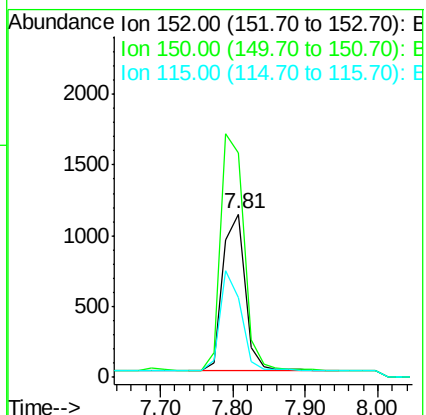
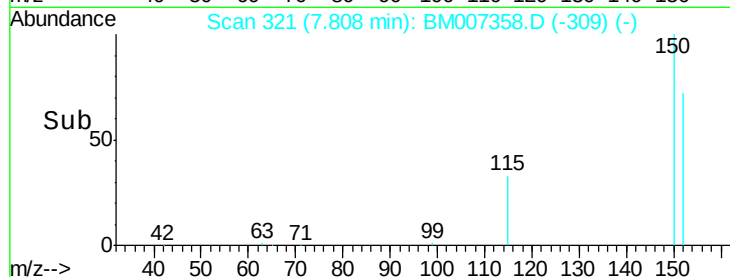
115 48.7 39.0 58.4



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: 0.34 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

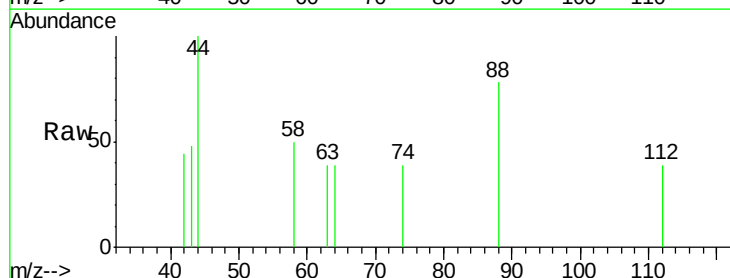
Tgt Ion: 88 Resp: 86

Ion Ratio Lower Upper

88 100

58 51.2 41.0 61.4

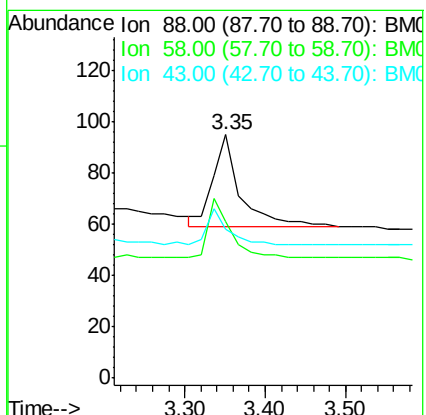
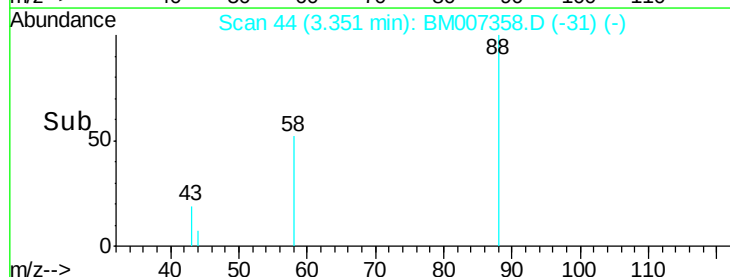
43 30.2 24.2 36.2

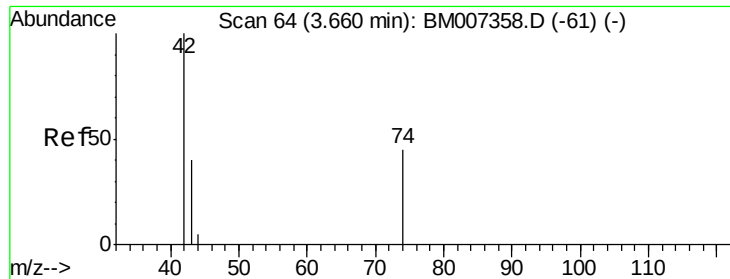


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.29 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

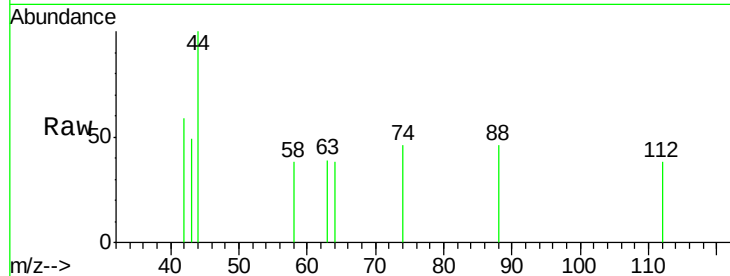
Tgt Ion: 42 Resp: 71

Ion Ratio Lower Upper

42 100

74 98.6 78.9 118.3

44 23.9 19.1 28.7

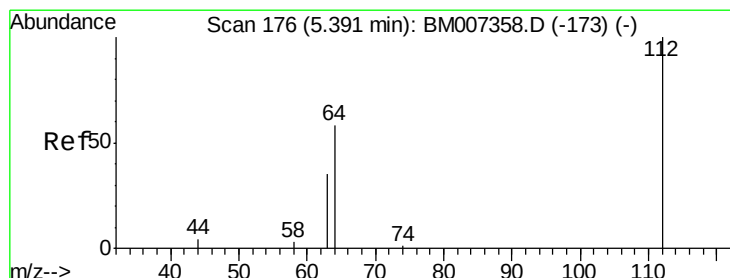
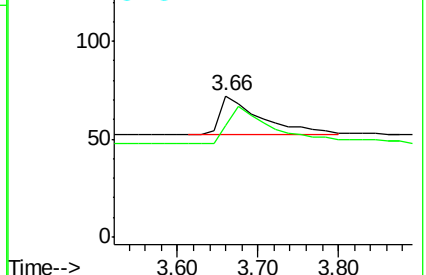
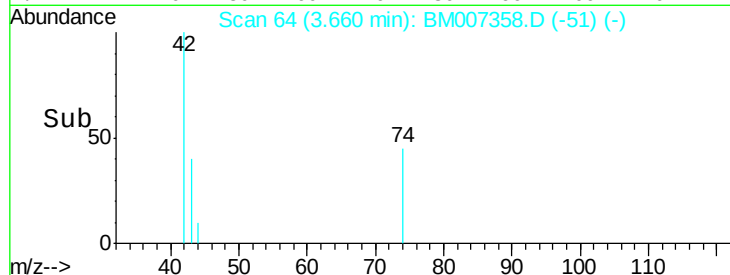


Abundance Ion 42.00 (41.70 to 42.70): BM007358.D (-61) (-)

Ion 74.00 (73.70 to 74.70): BM007358.D (-61) (-)

Ion 44.00 (43.70 to 44.70): BM007358.D (-61) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.33 ng

RT: 5.39 min Scan# 176

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

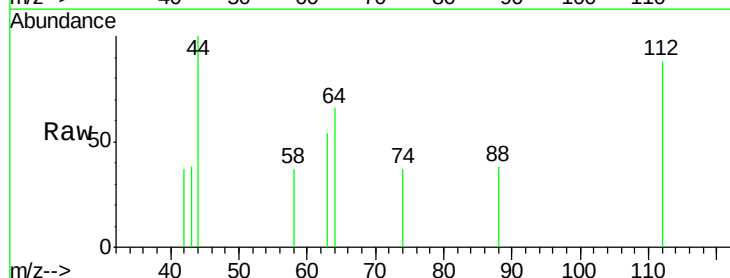
Tgt Ion: 112 Resp: 180

Ion Ratio Lower Upper

112 100

64 46.1 36.9 55.3

63 28.3 22.6 34.0

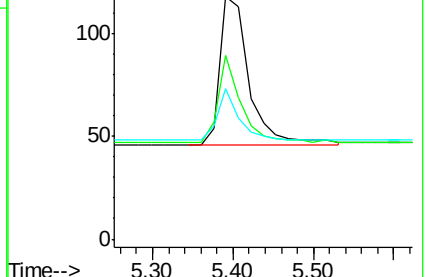
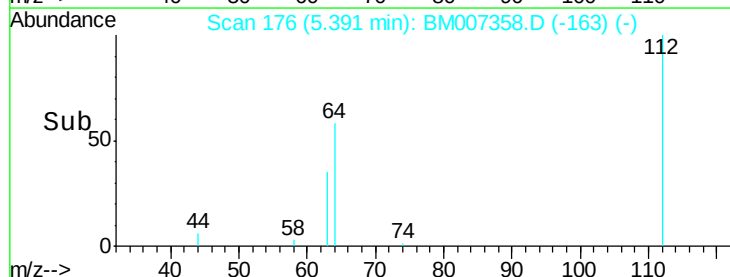


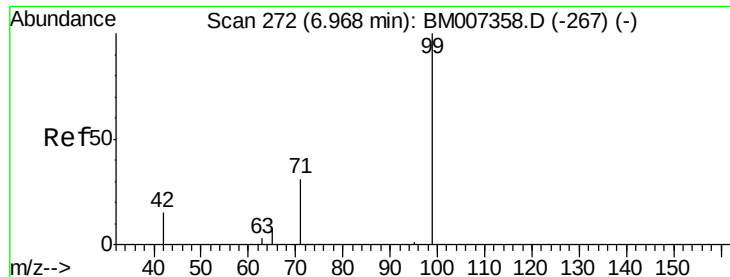
Abundance Ion 112.00 (111.70 to 112.70): BM007358.D (-173) (-)

Ion 64.00 (63.70 to 64.70): BM007358.D (-173) (-)

Ion 63.00 (62.70 to 63.70): BM007358.D (-173) (-)

Time-->





#5

Phenol-d6

Concen: 0.33 ng

RT: 6.97 min Scan# 272

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

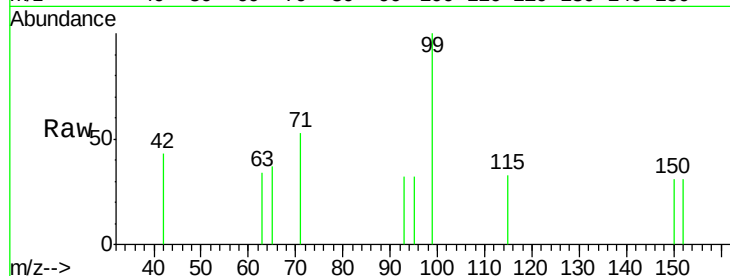
Tgt Ion: 99 Resp: 222

Ion Ratio Lower Upper

99 100

42 24.8 19.8 29.8

71 35.1 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BM007358.D (-267) (-)

Ion 42.00 (41.70 to 42.70): BM007358.D (-267) (-)

Ion 71.00 (70.70 to 71.70): BM007358.D (-267) (-)

6.97

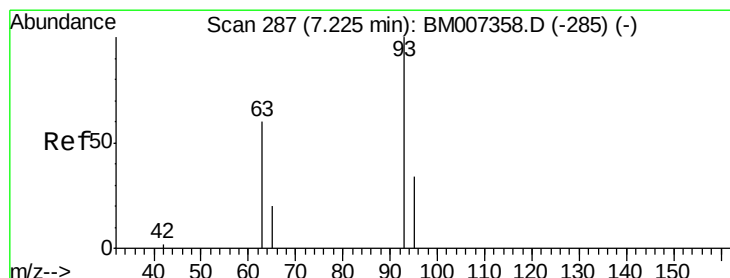
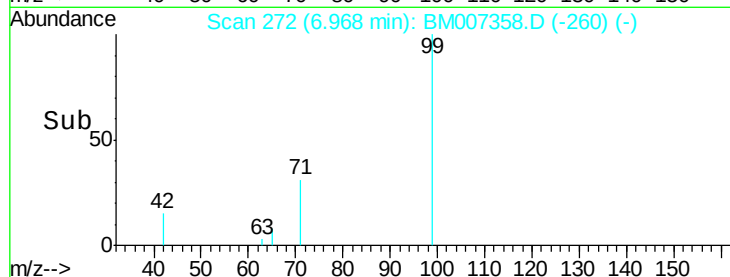
150

100

50

0

Time--> 6.80 6.90 7.00 7.10



#6

bis(2-Chloroethyl)ether

Concen: 0.31 ng

RT: 7.22 min Scan# 287

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

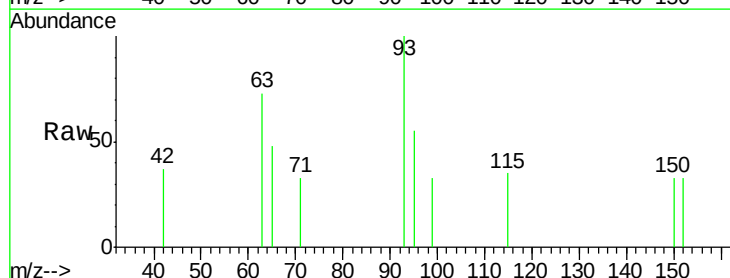
Tgt Ion: 93 Resp: 184

Ion Ratio Lower Upper

93 100

63 67.9 54.3 81.5

95 32.1 25.7 38.5



Abundance Ion 93.00 (92.70 to 93.70): BM007358.D (-285) (-)

Ion 63.00 (62.70 to 63.70): BM007358.D (-285) (-)

Ion 95.00 (94.70 to 95.70): BM007358.D (-285) (-)

7.22

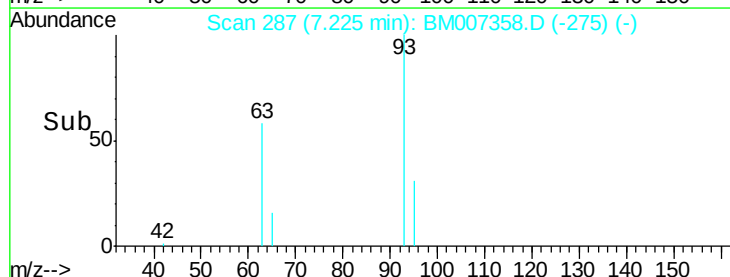
150

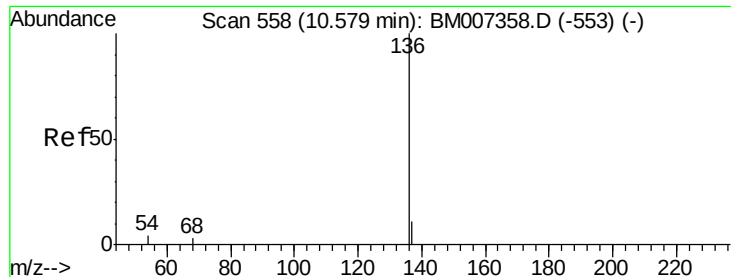
100

50

0

Time--> 7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.58 min Scan# 558

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 11290

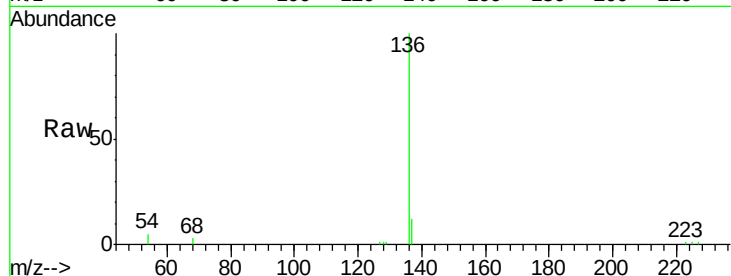
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 5.0 4.0 6.0

68 3.4 2.7 4.1

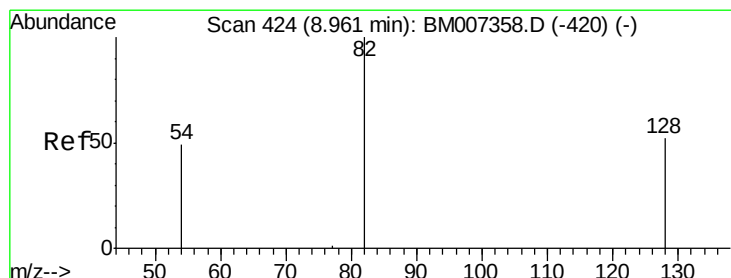
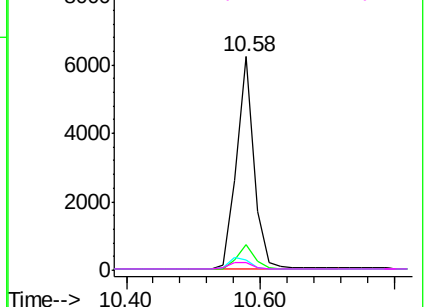
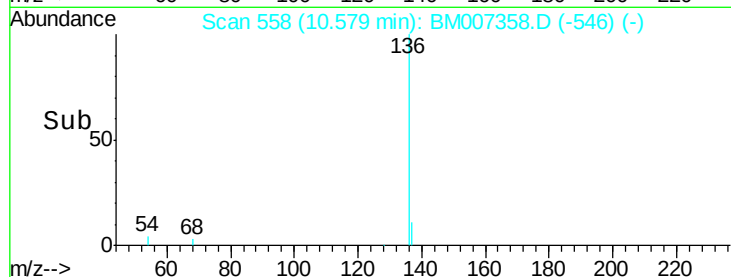


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.33 ng

RT: 8.96 min Scan# 424

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

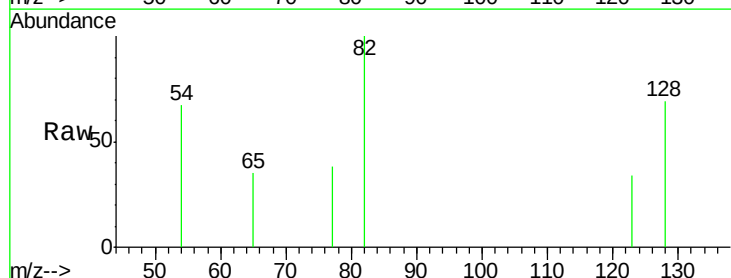
Tgt Ion: 82 Resp: 196

Ion Ratio Lower Upper

82 100

128 68.6 54.9 82.3

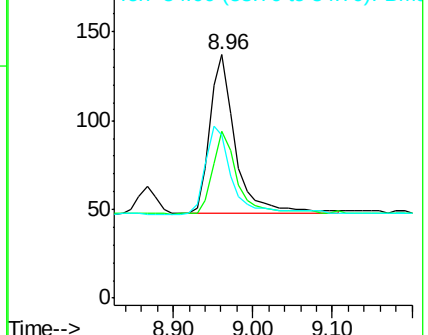
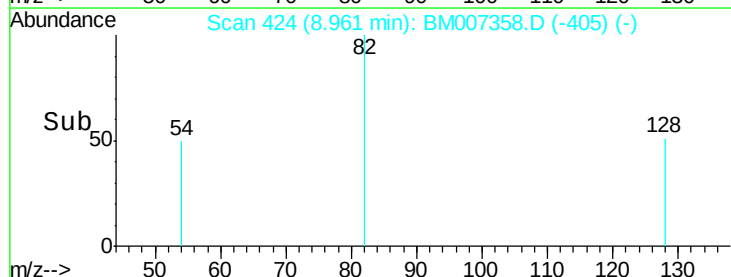
54 67.2 53.8 80.6

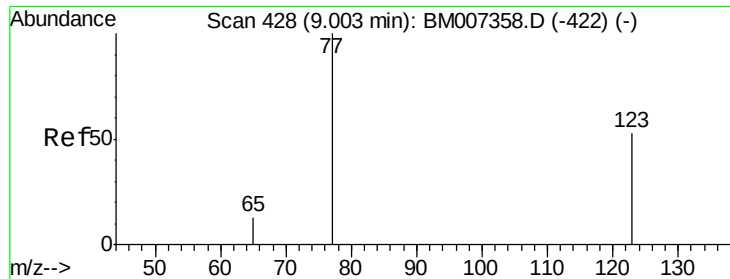


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.31 ng

RT: 9.00 min Scan# 428

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

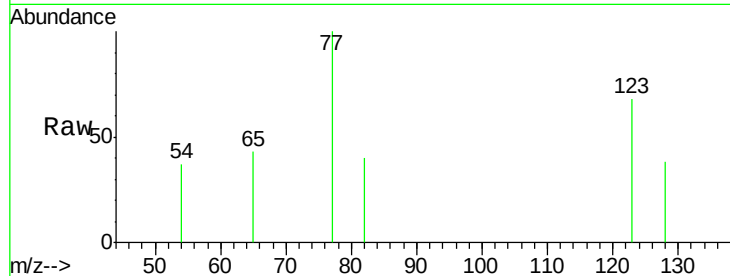
Tgt Ion: 77 Resp: 204

Ion Ratio Lower Upper

77 100

123 50.0 40.0 60.0

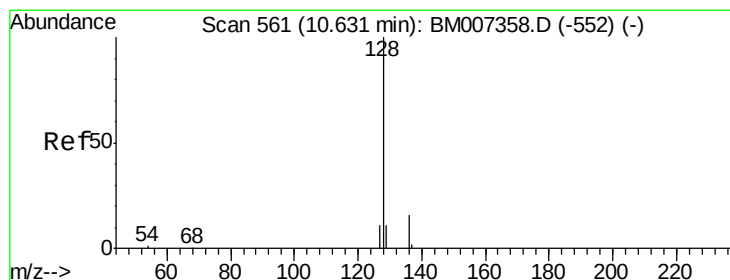
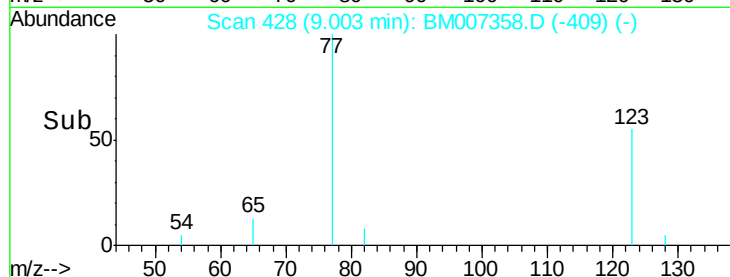
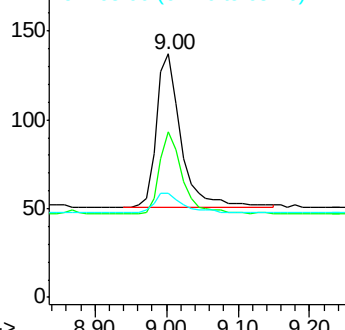
65 13.2 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BM007358.D (-422) (-)

Ion 123.00 (122.70 to 123.70): BM007358.D (-422) (-)

Ion 65.00 (64.70 to 65.70): BM007358.D (-422) (-)



#10

Naphthalene

Concen: 0.38 ng

RT: 10.63 min Scan# 561

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

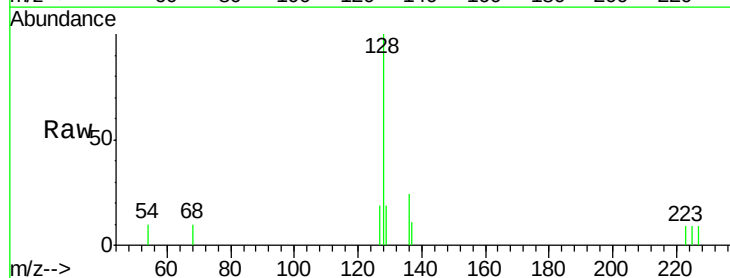
Tgt Ion: 128 Resp: 977

Ion Ratio Lower Upper

128 100

129 19.4 15.5 23.3

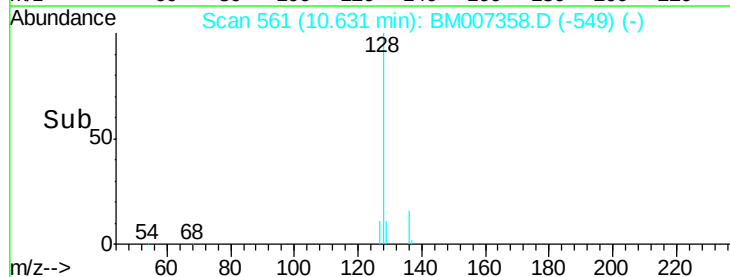
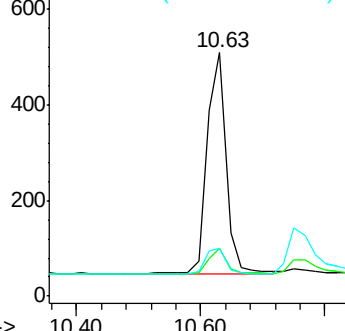
127 19.4 15.5 23.3

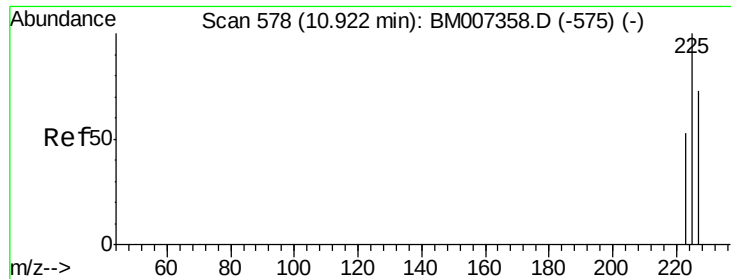


Abundance Ion 128.00 (127.70 to 128.70): BM007358.D (-552) (-)

Ion 129.00 (128.70 to 129.70): BM007358.D (-552) (-)

Ion 127.00 (126.70 to 127.70): BM007358.D (-552) (-)

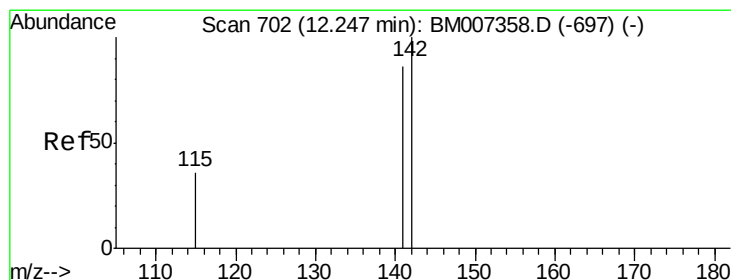
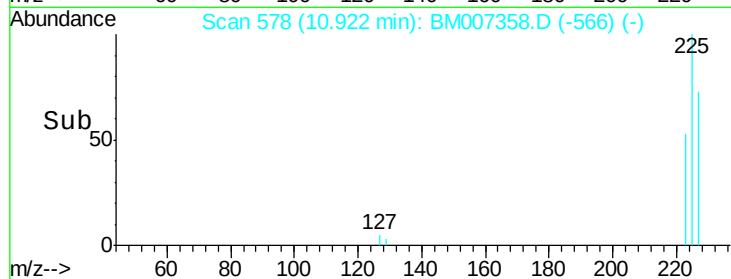
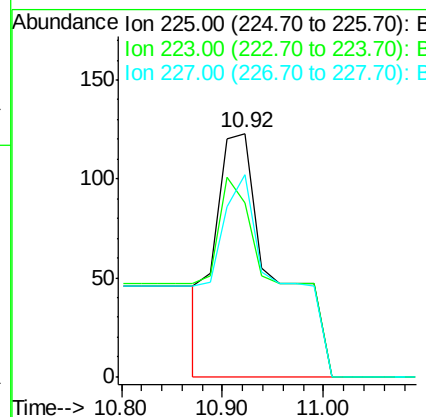
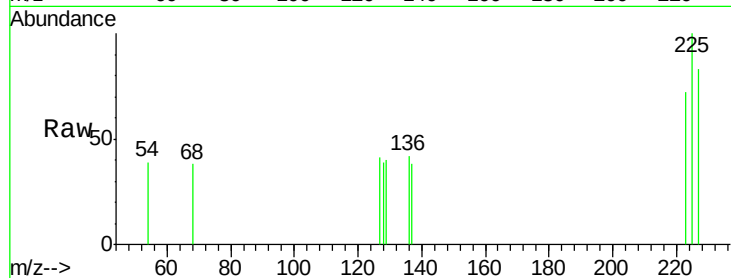




#11  
Hexachlorobutadiene  
Concen: 1.20 ng  
RT: 10.92 min Scan# 578  
Delta R.T. 0.00 min  
Lab File: BM007358.D  
Acq: 01 Sep 2016 14:13

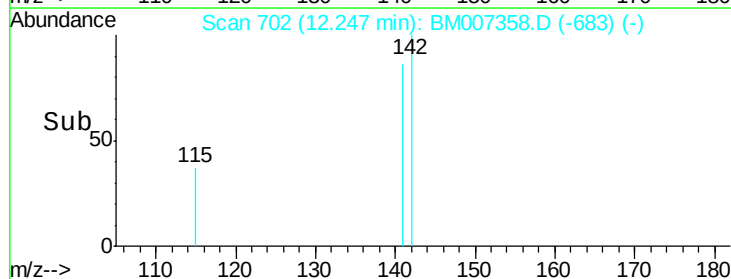
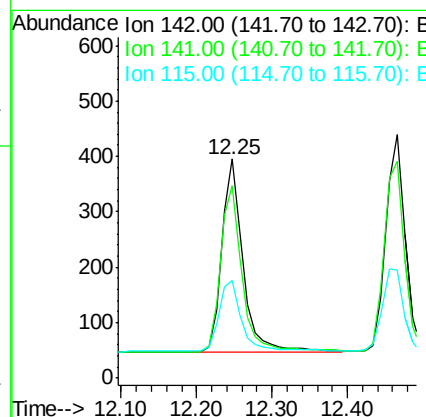
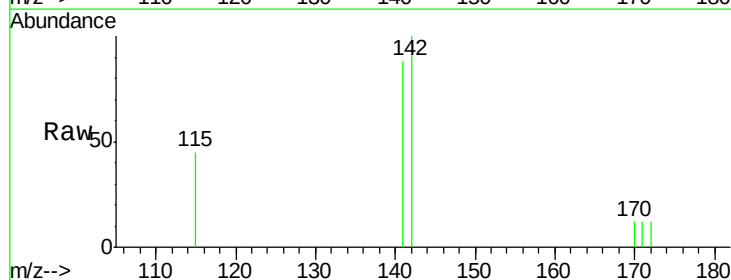
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC0.4

Tgt Ion: 225 Resp: 483  
Ion Ratio Lower Upper  
225 100  
223 88.0 197.7 296.5#  
227 87.4 196.2 294.4#

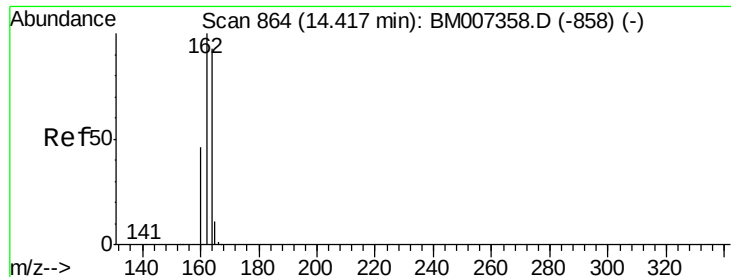


#12  
2-Methylnaphthalene  
Concen: 0.40 ng  
RT: 12.25 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: BM007358.D  
Acq: 01 Sep 2016 14:13

Tgt Ion: 142 Resp: 692  
Ion Ratio Lower Upper  
142 100  
141 87.8 70.2 105.4  
115 44.6 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: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

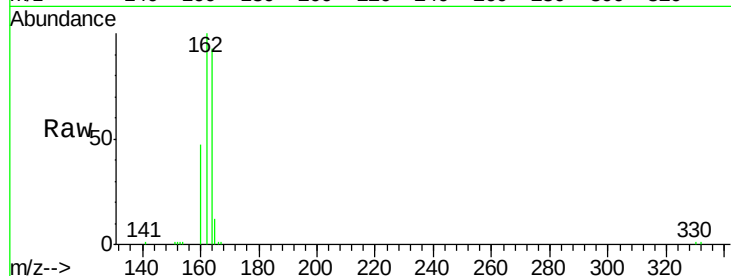
Tgt Ion:164 Resp: 8460

Ion Ratio Lower Upper

164 100

162 107.8 86.2 129.4

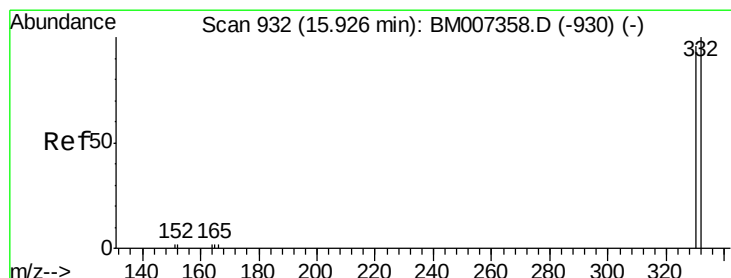
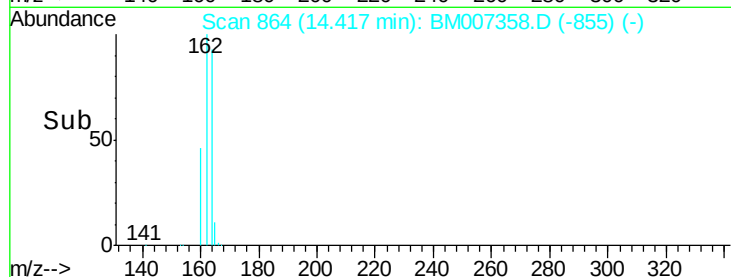
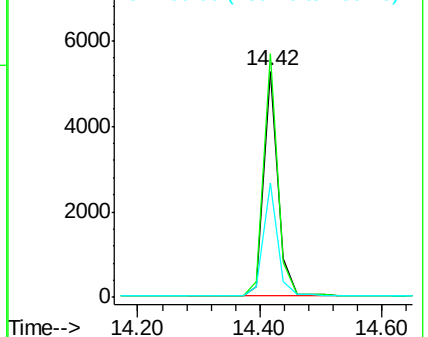
160 50.6 40.5 60.7



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: 1.24 ng

RT: 15.93 min Scan# 932

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

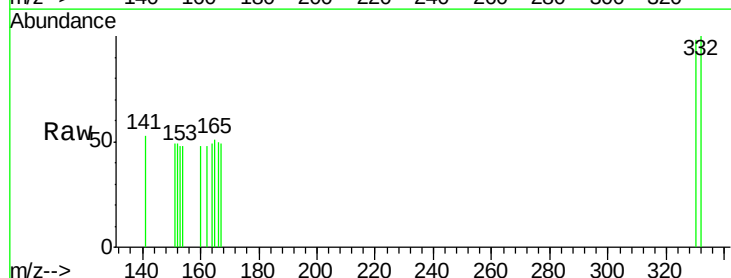
Tgt Ion:330 Resp: 410

Ion Ratio Lower Upper

330 100

332 99.0 79.2 118.8

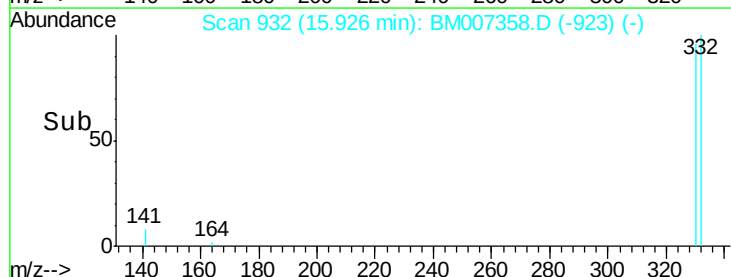
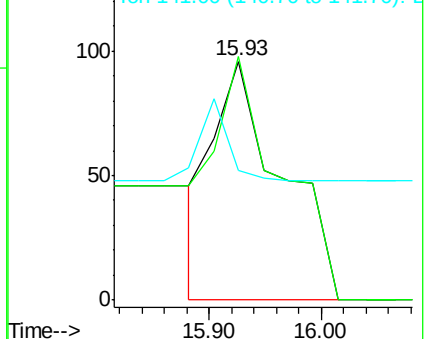
141 0.0 0.0 0.0

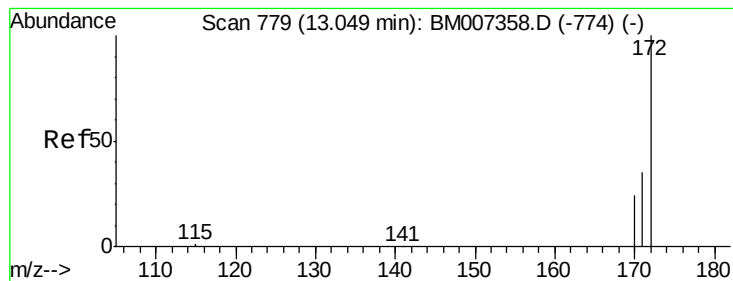


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

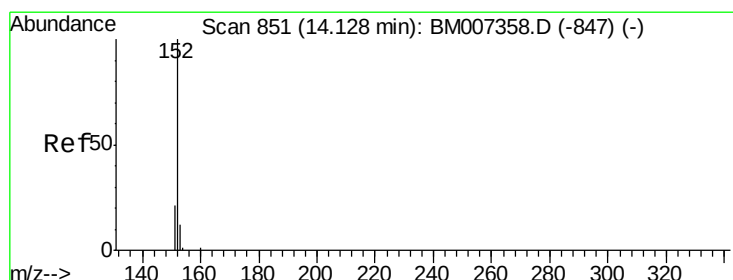
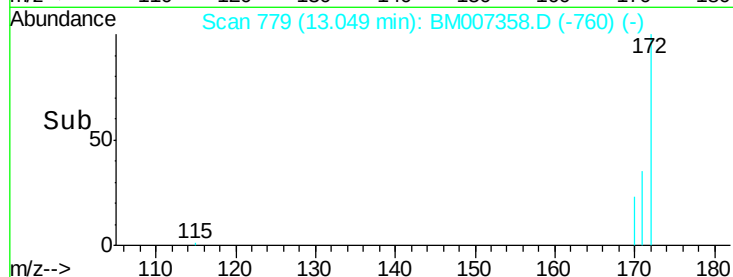
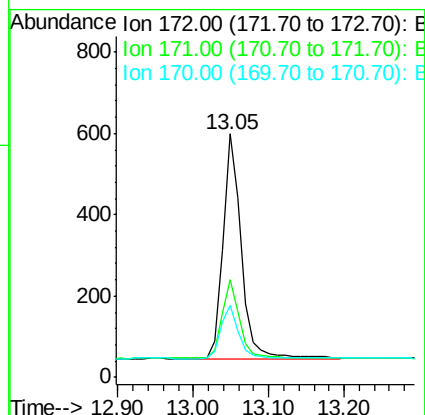
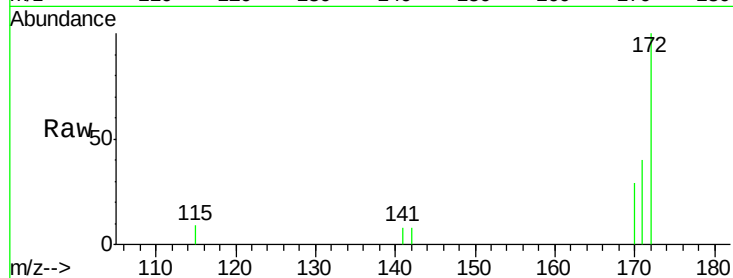




#15  
2-Fluorobiphenyl  
Concen: 0.37 ng  
RT: 13.05 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BM007358.D  
Acq: 01 Sep 2016 14:13

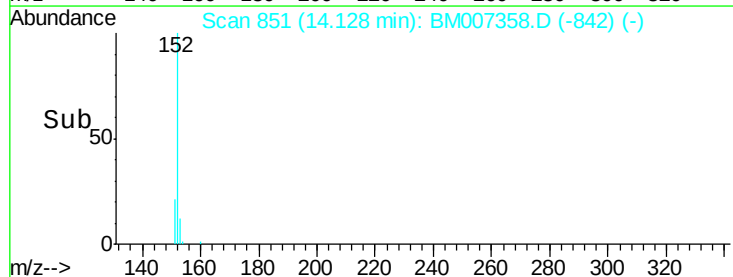
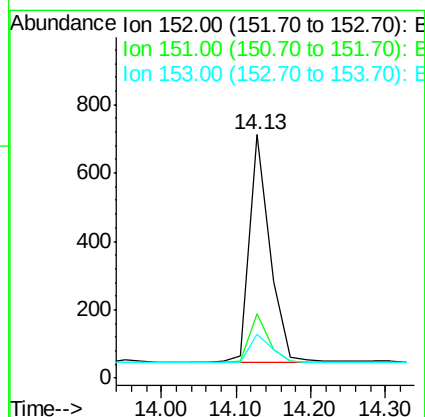
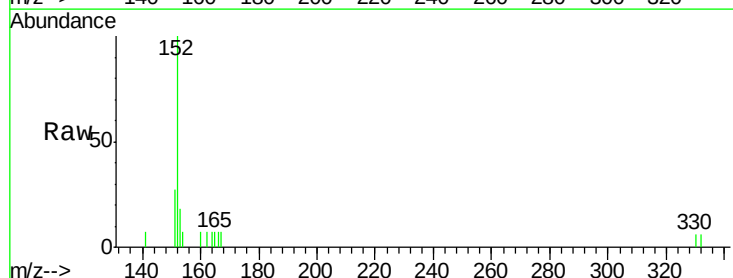
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC0.4

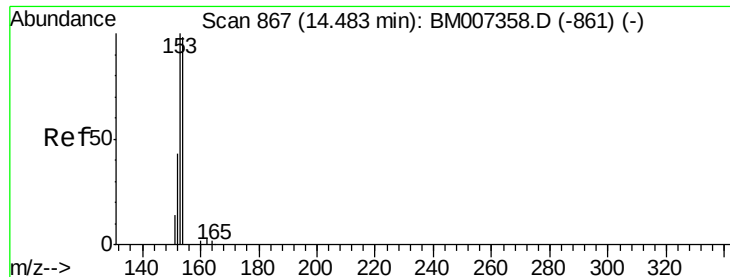
Tgt Ion:172 Resp: 946  
Ion Ratio Lower Upper  
172 100  
171 40.2 32.2 48.2  
170 29.4 23.5 35.3



#16  
Acenaphthylene  
Concen: 0.34 ng  
RT: 14.13 min Scan# 851  
Delta R.T. 0.00 min  
Lab File: BM007358.D  
Acq: 01 Sep 2016 14:13

Tgt Ion:152 Resp: 1268  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.7 23.5  
153 12.6 10.1 15.1





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.48 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

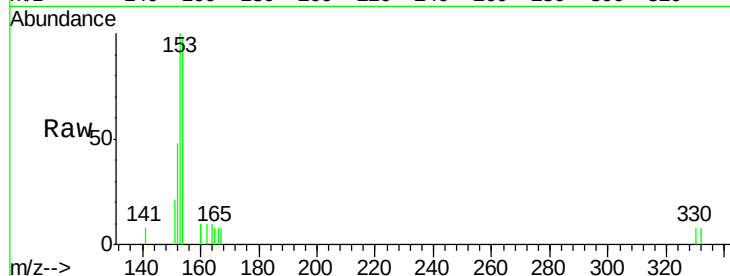
Tgt Ion:154 Resp: 910

Ion Ratio Lower Upper

154 100

153 106.4 85.1 127.7

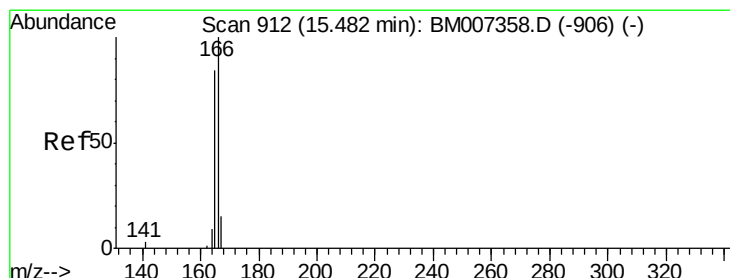
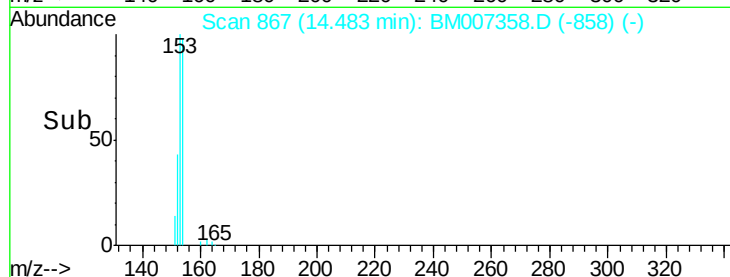
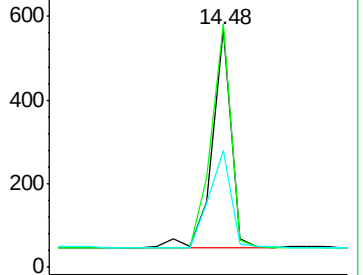
152 51.1 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.37 ng

RT: 15.48 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

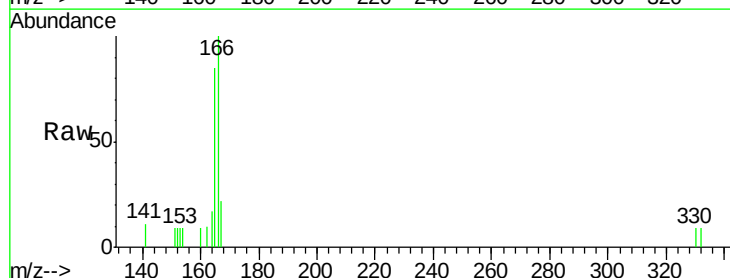
Tgt Ion:166 Resp: 1083

Ion Ratio Lower Upper

166 100

165 98.5 78.8 118.2

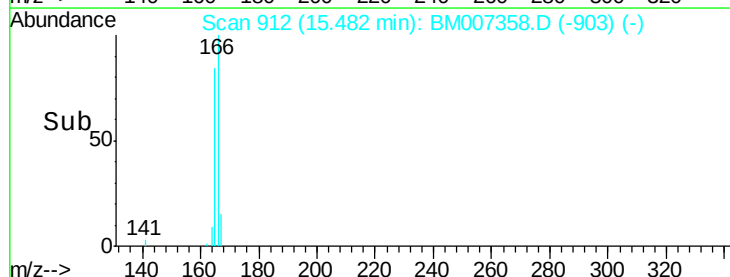
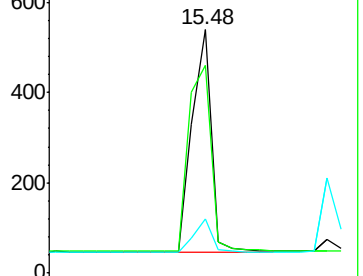
167 13.5 10.8 16.2

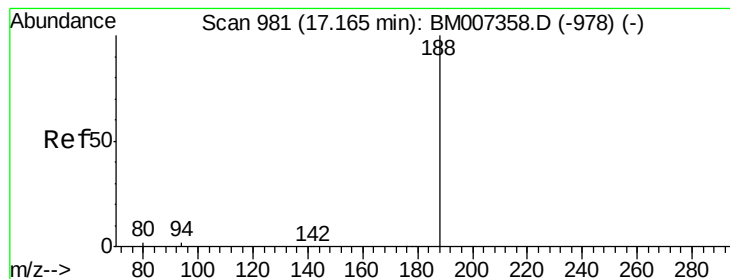


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

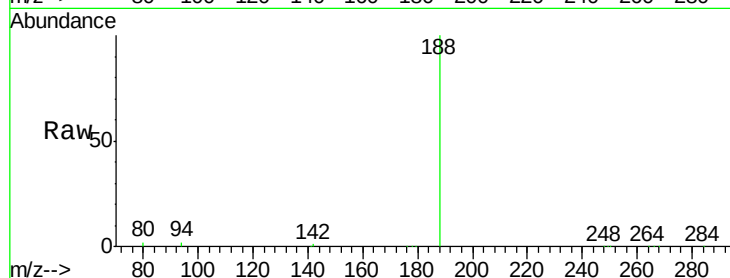
Tgt Ion:188 Resp: 22161

Ion Ratio Lower Upper

188 100

94 2.5 2.0 3.0

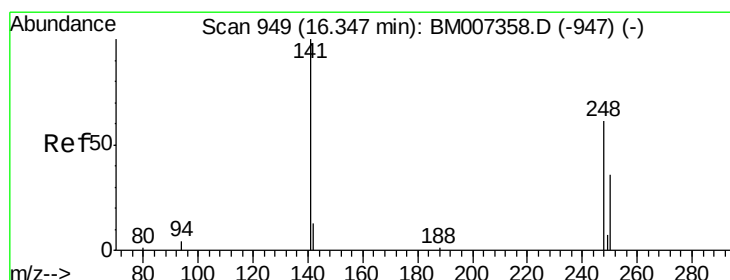
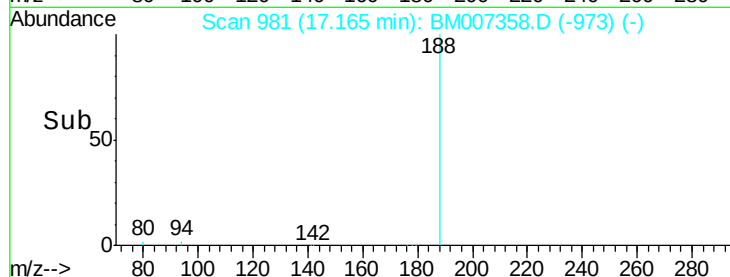
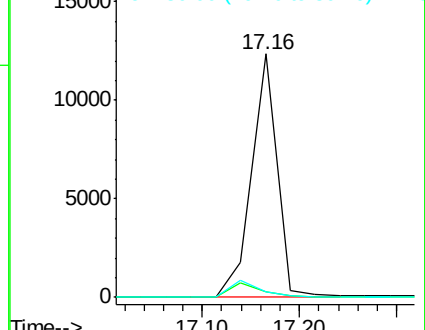
80 2.0 1.6 2.4



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: 0.26 ng

RT: 16.35 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

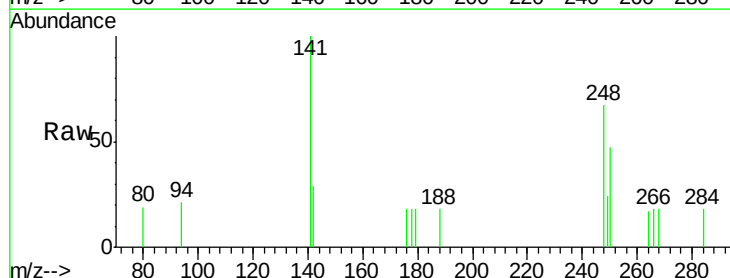
Tgt Ion:248 Resp: 307

Ion Ratio Lower Upper

248 100

250 0.0 0.0 0.0

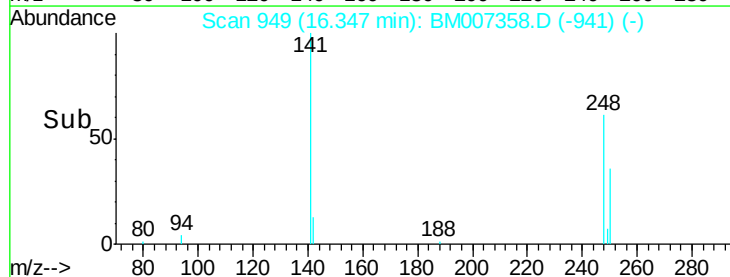
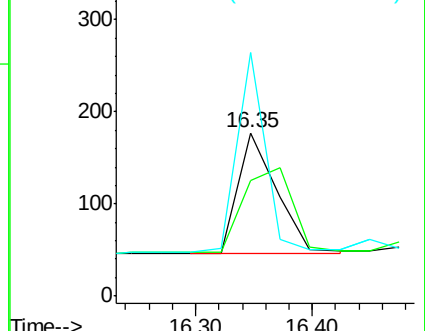
141 122.8 98.2 147.4

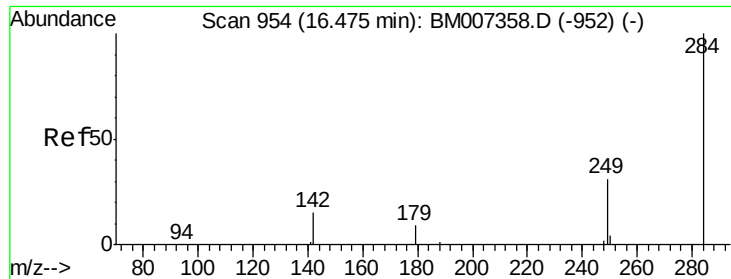


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

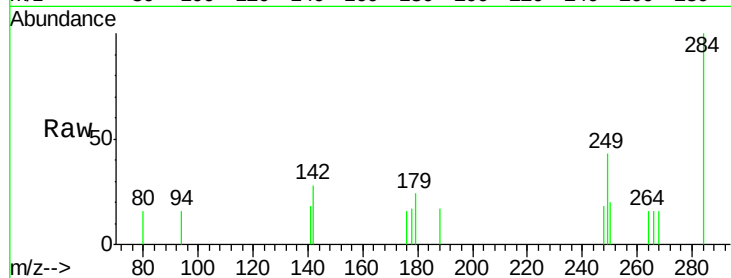




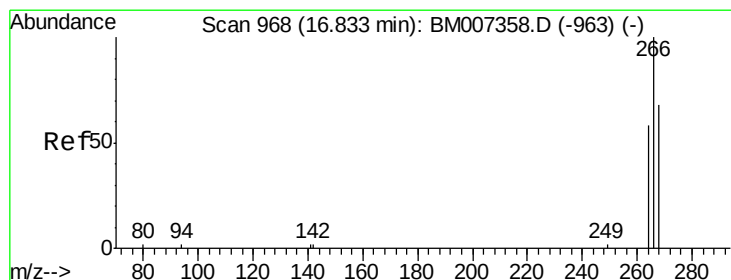
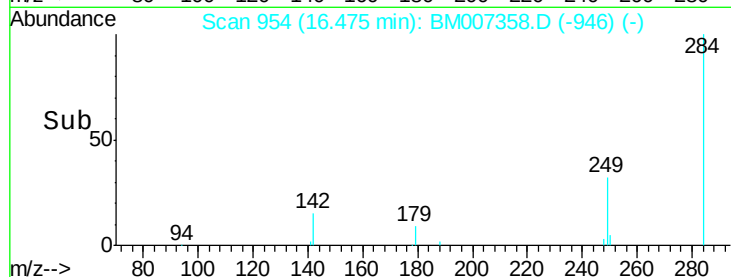
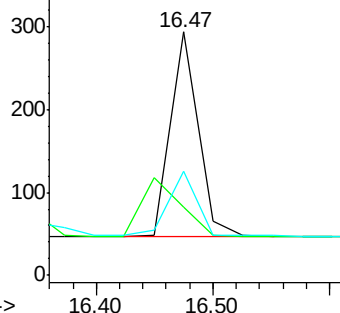
#21  
Hexachlorobenzene  
Concen: 0.35 ng  
RT: 16.47 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BM007358.D  
Acq: 01 Sep 2016 14:13

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC0.4

Tgt Ion: 284 Resp: 420  
Ion Ratio Lower Upper  
284 100  
142 0.0 0.0 0.0  
249 33.3 26.6 40.0

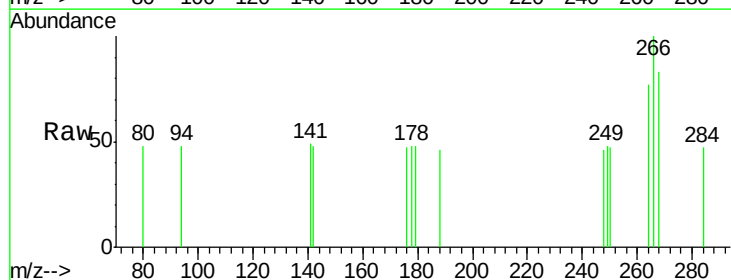


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

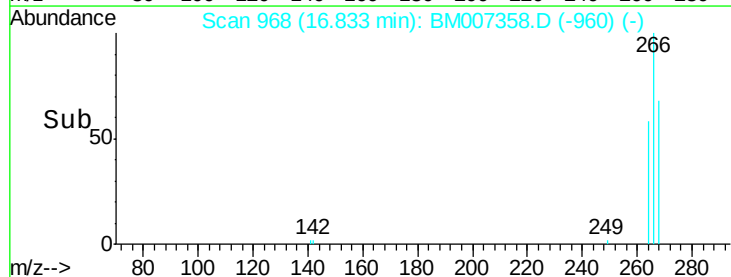
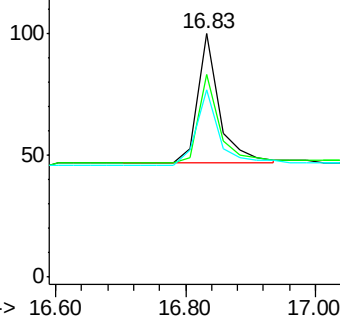


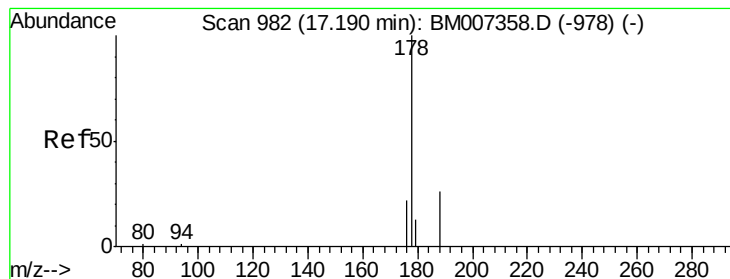
#22  
Pentachlorophenol  
Concen: 0.36 ng  
RT: 16.83 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: BM007358.D  
Acq: 01 Sep 2016 14:13

Tgt Ion: 266 Resp: 121  
Ion Ratio Lower Upper  
266 100  
268 83.0 66.4 99.6  
264 77.0 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: 0.28 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

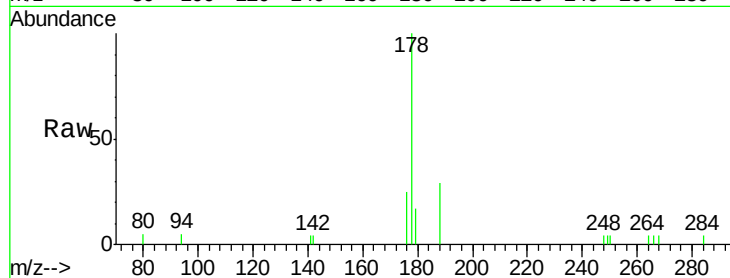
Tgt Ion:178 Resp: 2059

Ion Ratio Lower Upper

178 100

176 20.7 16.6 24.8

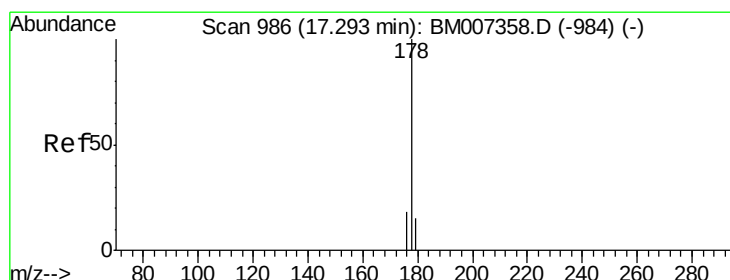
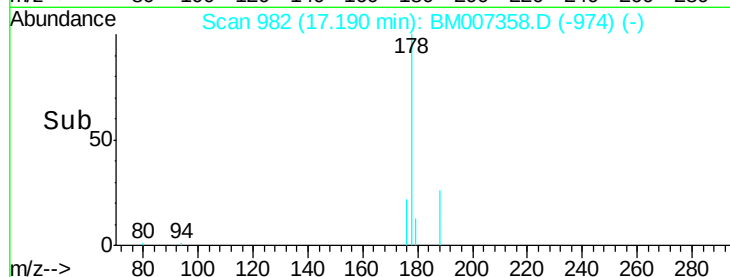
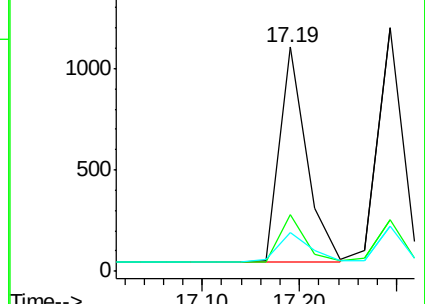
179 15.6 12.5 18.7



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



#24

Anthracene

Concen: 0.37 ng

RT: 17.29 min Scan# 986

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

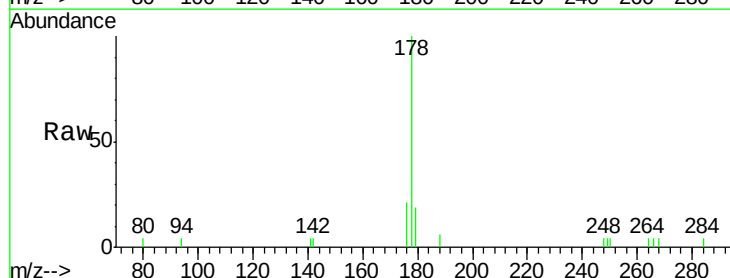
Tgt Ion:178 Resp: 2020

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

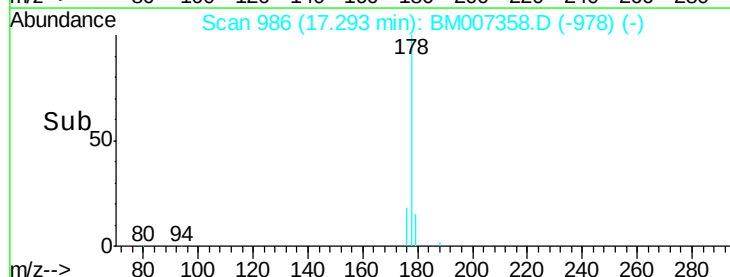
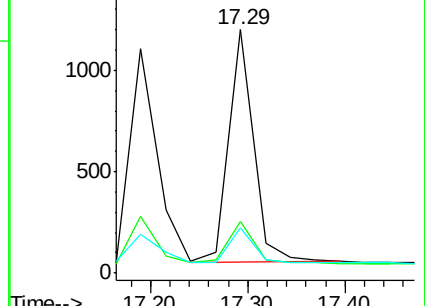
179 15.2 12.2 18.2

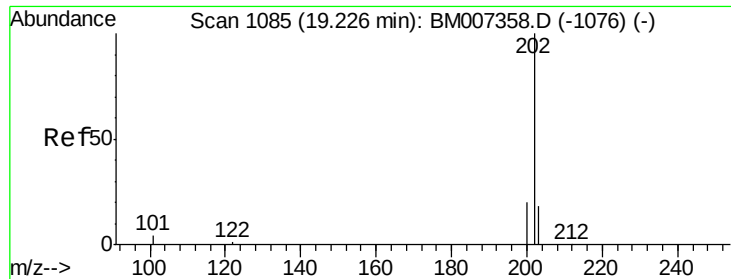


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.33 ng

RT: 19.23 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

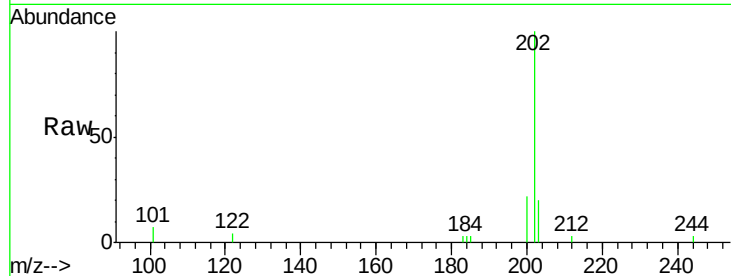
Tgt Ion:202 Resp: 2303

Ion Ratio Lower Upper

202 100

101 8.1 6.5 9.7

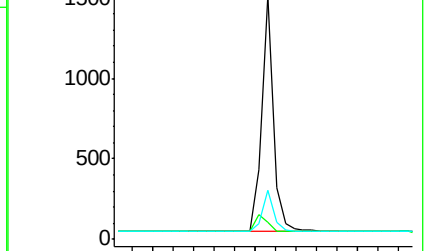
203 17.7 14.2 21.2



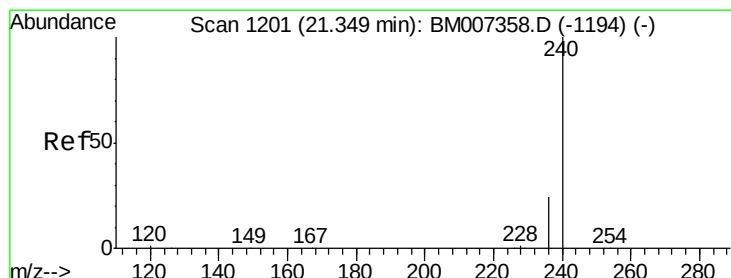
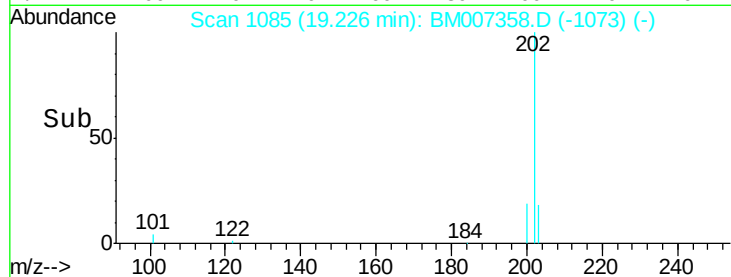
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.35 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

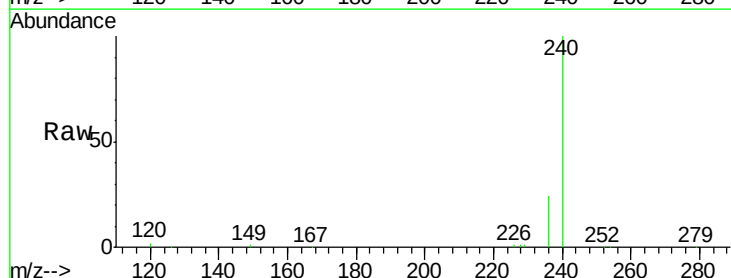
Tgt Ion:240 Resp: 23099

Ion Ratio Lower Upper

240 100

120 1.6 1.3 1.9

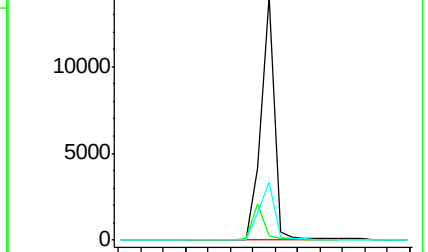
236 23.9 19.1 28.7



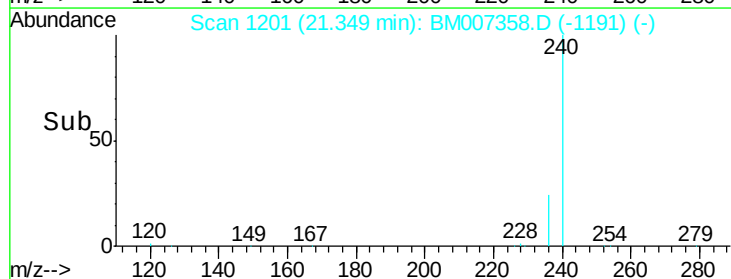
Abundance Ion 240.00 (239.70 to 240.70): E

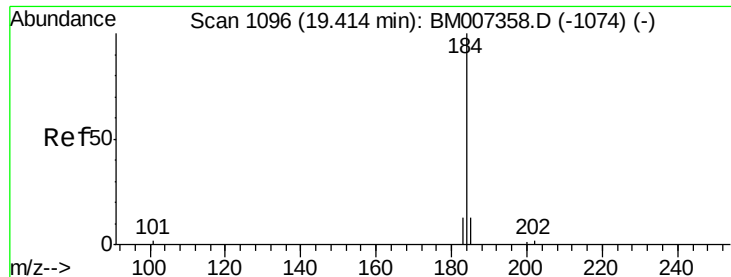
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#27

Benzidine

Concen: 0.42 ng

RT: 19.41 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

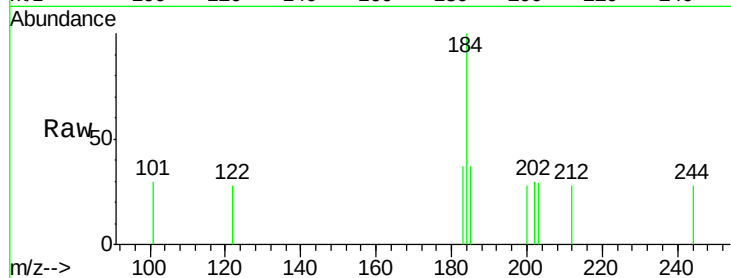
Tgt Ion:184 Resp: 517

Ion Ratio Lower Upper

184 100

185 37.3 29.8 44.8

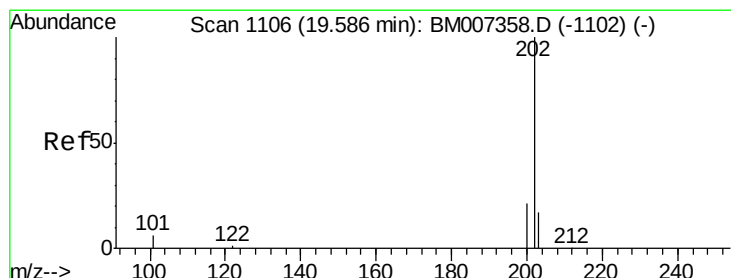
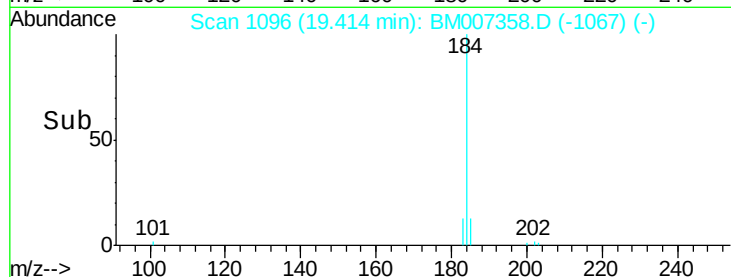
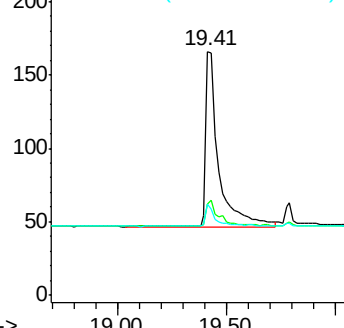
183 37.3 29.8 44.8



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: 0.32 ng

RT: 19.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

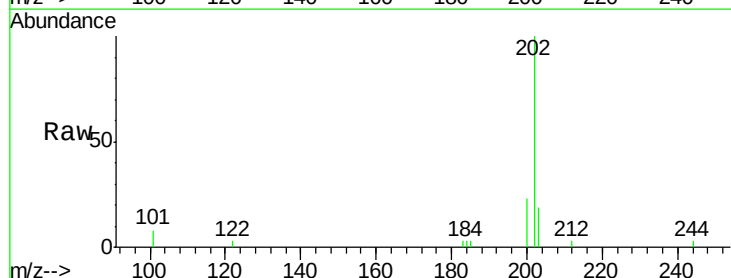
Tgt Ion:202 Resp: 2503

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

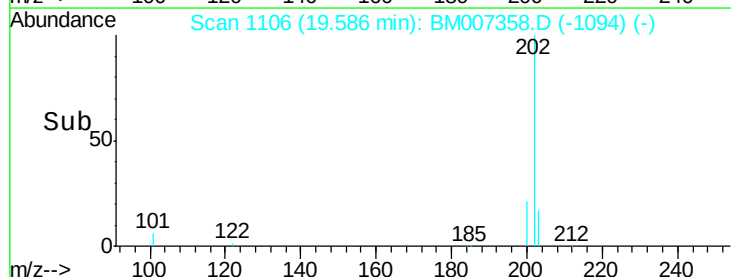
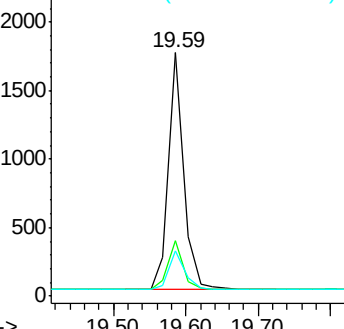
203 17.3 13.8 20.8



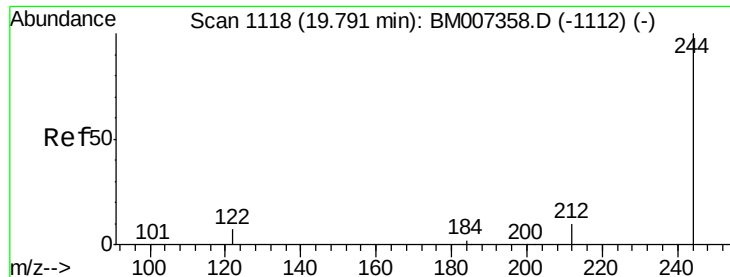
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E







#29

Terphenyl-d14

Concen: 0.29 ng

RT: 19.79 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

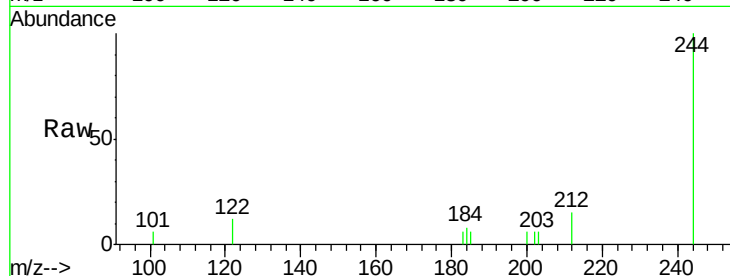
Tgt Ion:244 Resp: 1154

Ion Ratio Lower Upper

244 100

212 15.3 12.2 18.4

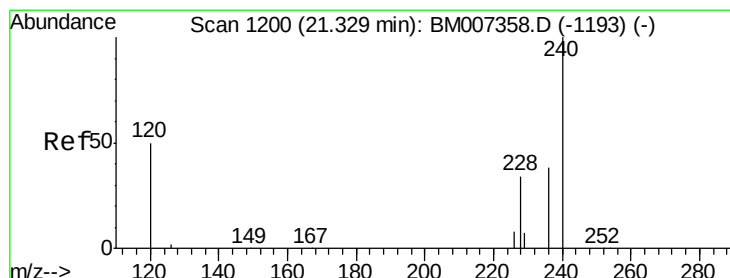
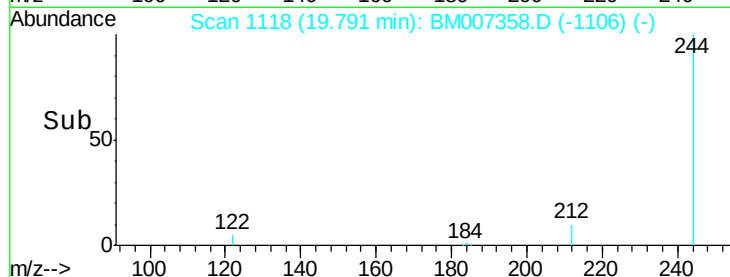
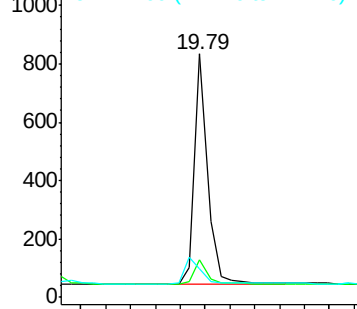
122 12.0 9.6 14.4



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: 0.34 ng

RT: 21.33 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

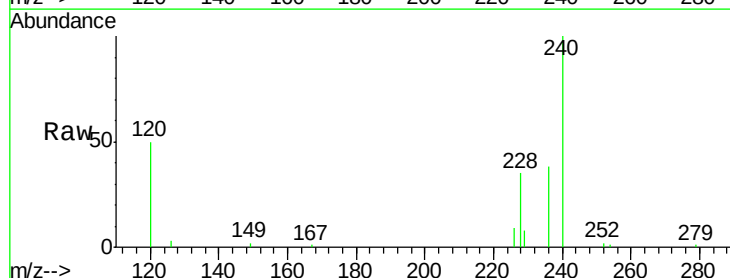
Tgt Ion:228 Resp: 2376

Ion Ratio Lower Upper

228 100

226 25.5 20.4 30.6

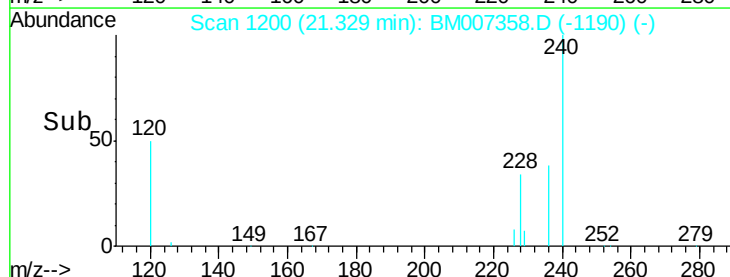
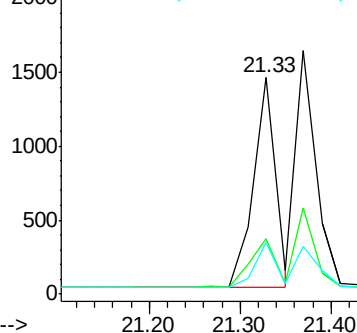
229 23.7 19.0 28.4

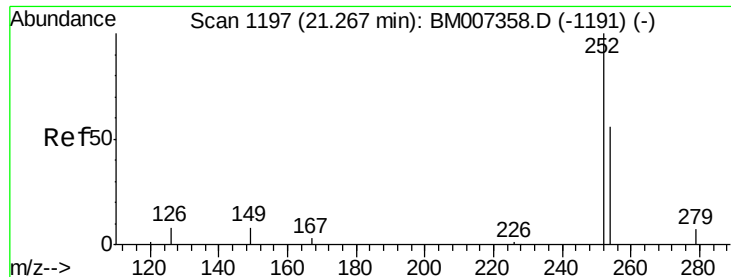


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

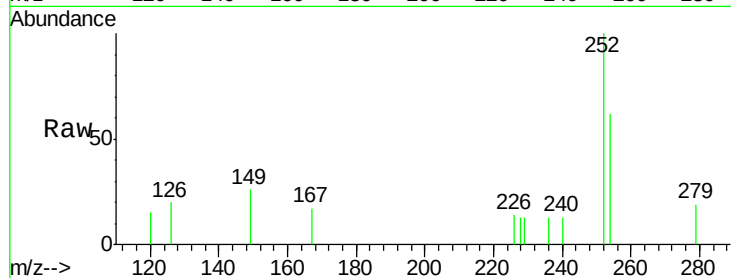




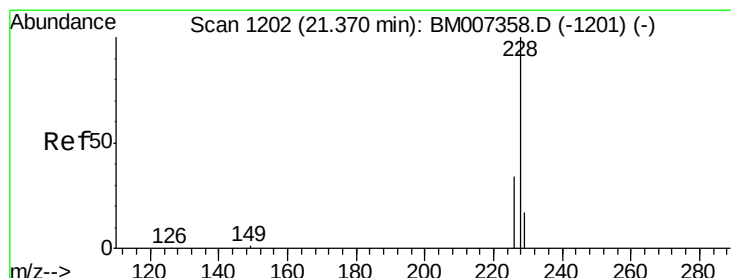
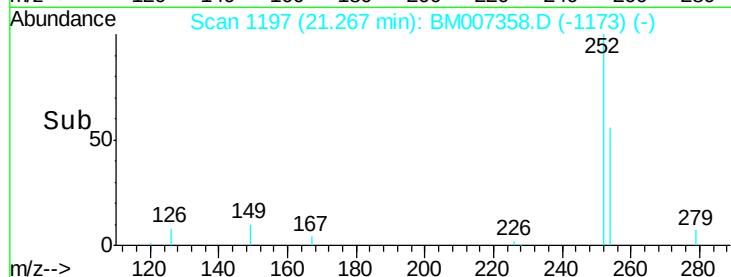
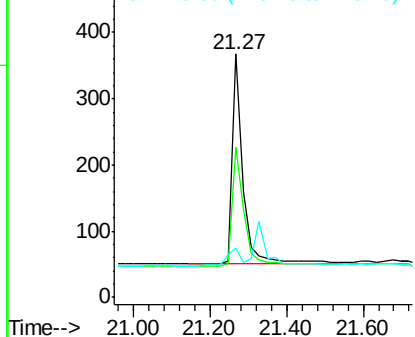
#31  
 3,3'-Dichlorobenzidine  
 Concen: 0.33 ng  
 RT: 21.27 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BM007358.D  
 Acq: 01 Sep 2016 14:13

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.4

Tgt Ion: 252 Resp: 644  
 Ion Ratio Lower Upper  
 252 100  
 254 61.7 49.4 74.0  
 126 20.4 16.3 24.5

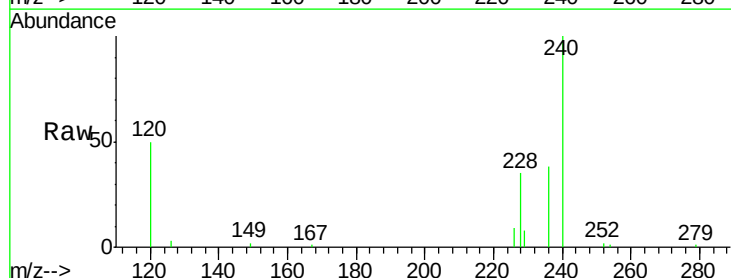


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

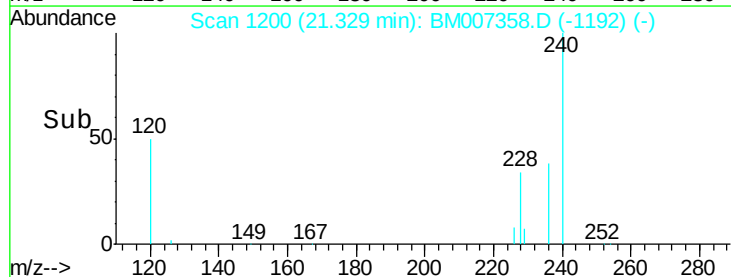
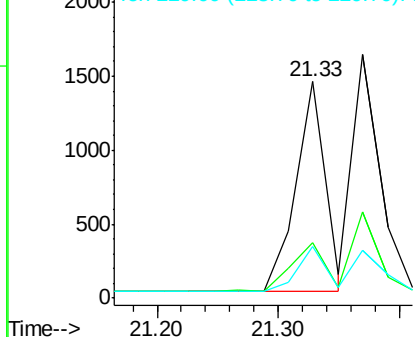


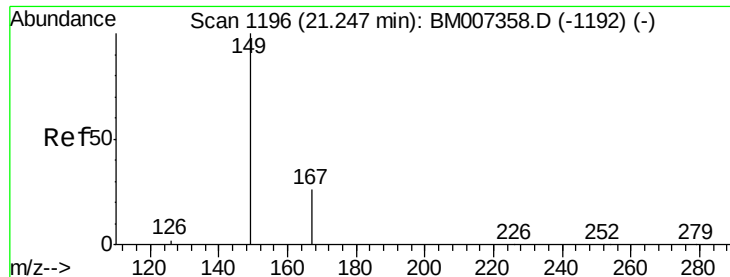
#32  
 Chrysene  
 Concen: 0.33 ng  
 RT: 21.33 min Scan# 1200  
 Delta R.T. -0.04 min  
 Lab File: BM007358.D  
 Acq: 01 Sep 2016 14:13

Tgt Ion: 228 Resp: 2376  
 Ion Ratio Lower Upper  
 228 100  
 226 25.5 28.3 42.5#  
 229 23.7 15.7 23.5#



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.30 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

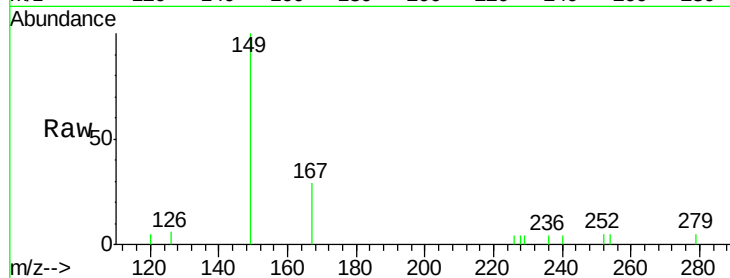
Tgt Ion:149 Resp: 1323

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

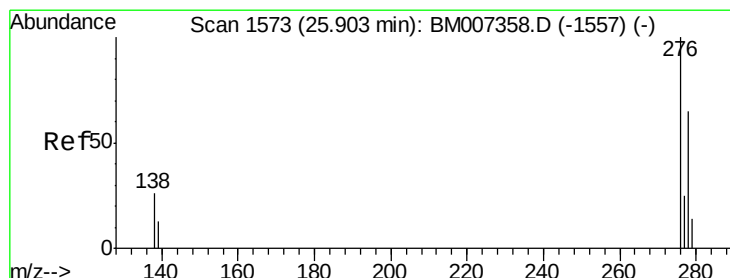
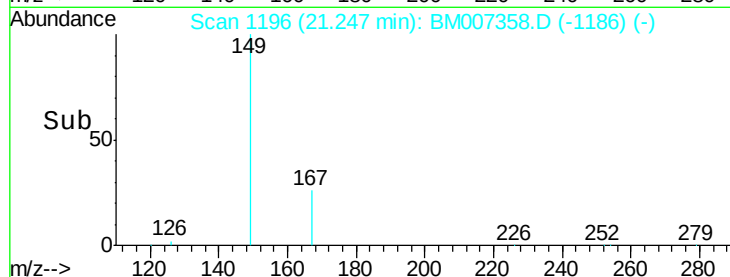
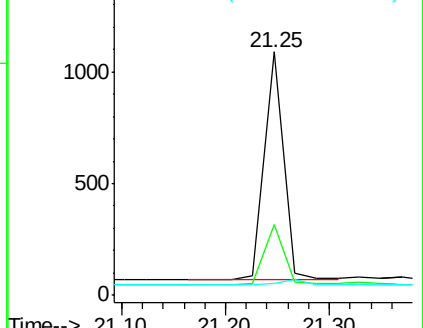
279 0.0 0.0 0.0



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: 0.39 ng

RT: 25.90 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

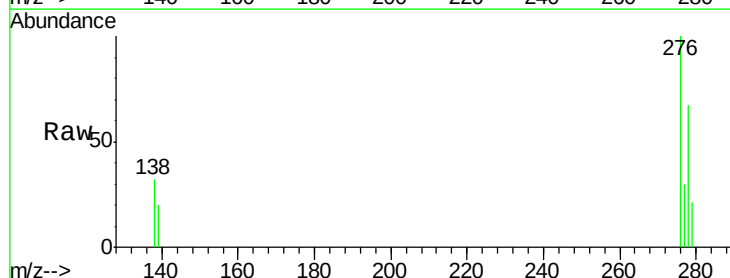
Tgt Ion:276 Resp: 2004

Ion Ratio Lower Upper

276 100

138 26.2 21.0 31.4

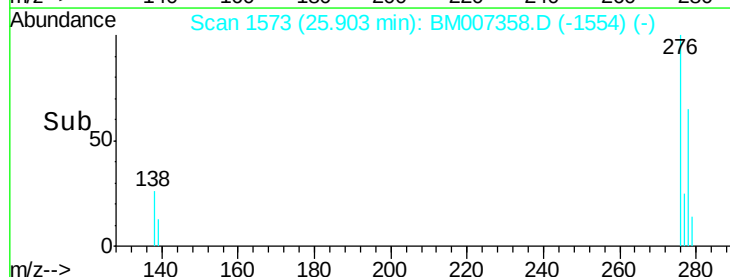
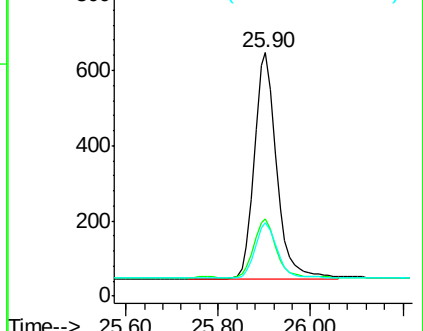
277 24.6 19.7 29.5

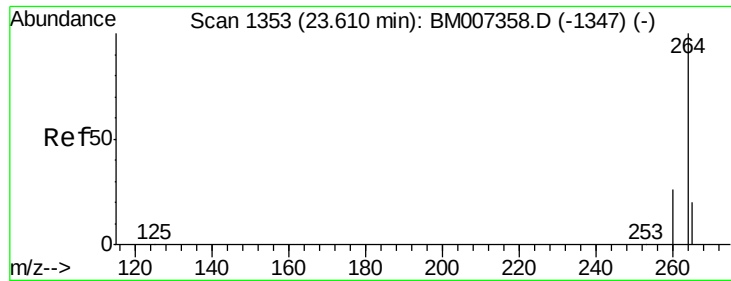


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

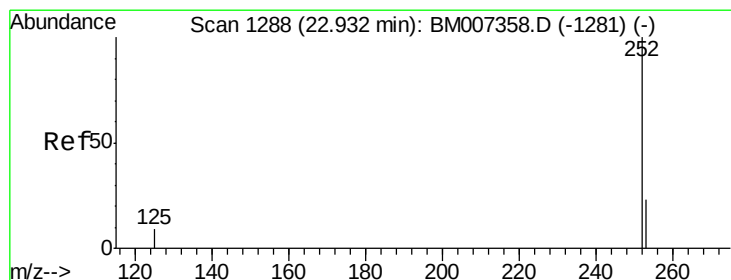
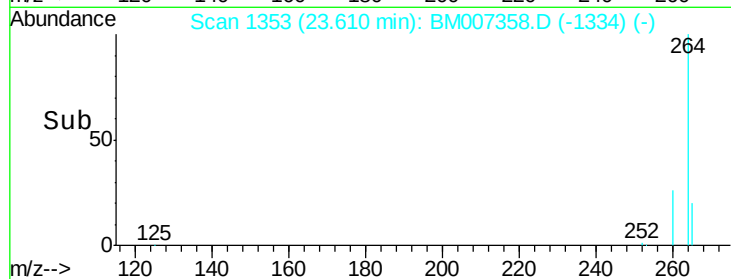
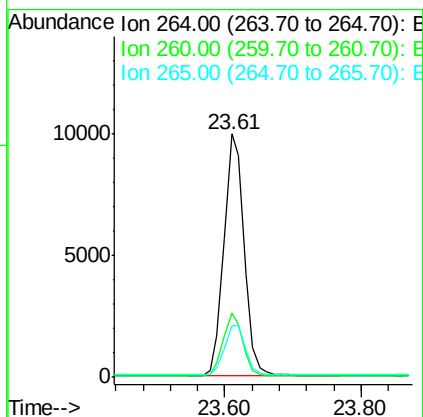
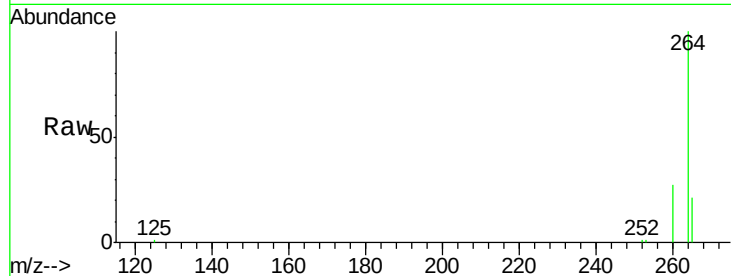




#35  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.61 min Scan# 1353  
 Delta R.T. 0.00 min  
 Lab File: BM007358.D  
 Acq: 01 Sep 2016 14:13

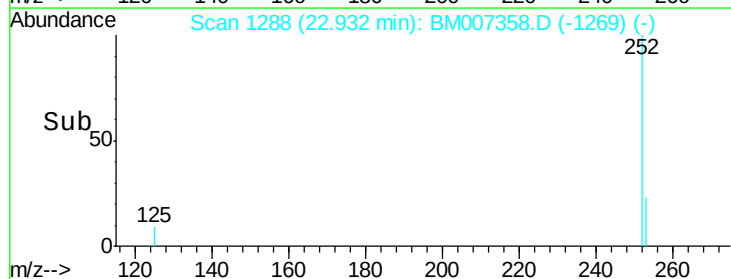
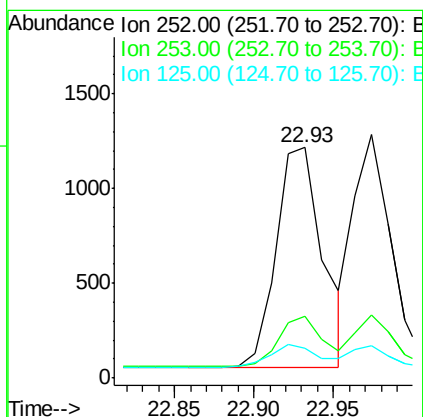
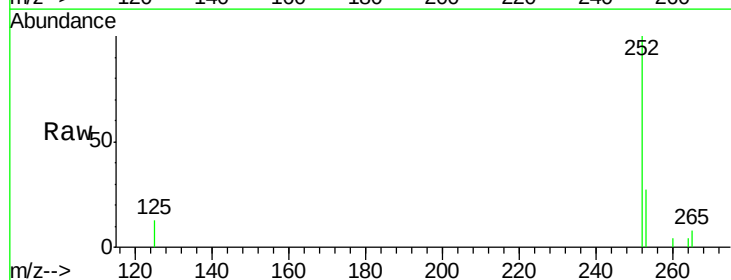
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.4

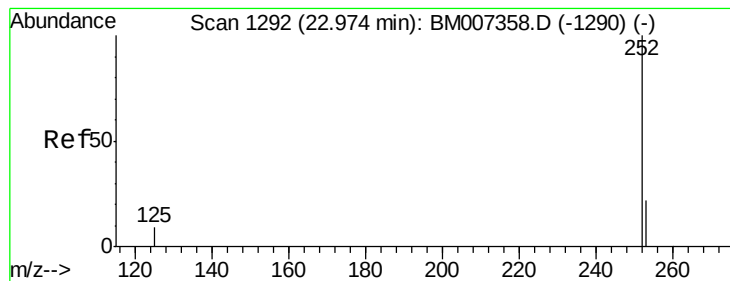
Tgt Ion: 264 Resp: 20488  
 Ion Ratio Lower Upper  
 264 100  
 260 26.5 21.2 31.8  
 265 21.4 17.1 25.7



#36  
 Benzo(b)fluoranthene  
 Concen: 0.36 ng  
 RT: 22.93 min Scan# 1288  
 Delta R.T. 0.00 min  
 Lab File: BM007358.D  
 Acq: 01 Sep 2016 14:13

Tgt Ion: 252 Resp: 2372  
 Ion Ratio Lower Upper  
 252 100  
 253 26.8 21.4 32.2  
 125 13.1 10.5 15.7





#37

Benzo(k)fluoranthene

Concen: 0.34 ng

RT: 22.97 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

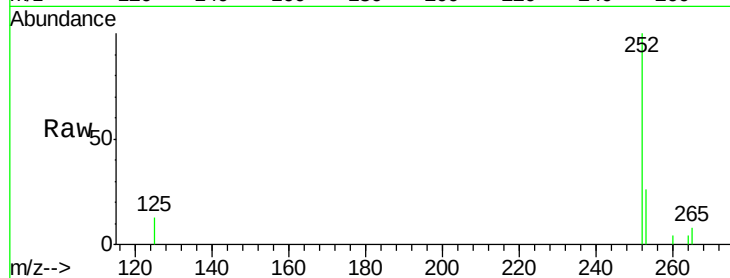
Tgt Ion:252 Resp: 2077

Ion Ratio Lower Upper

252 100

253 25.7 20.6 30.8

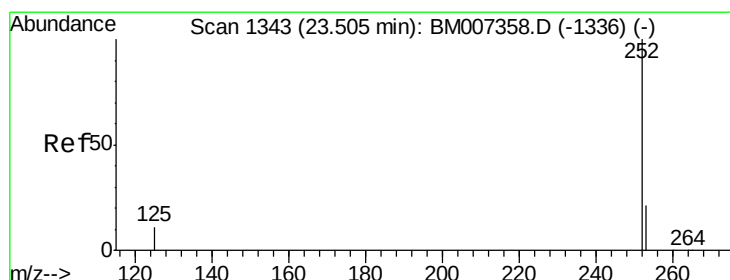
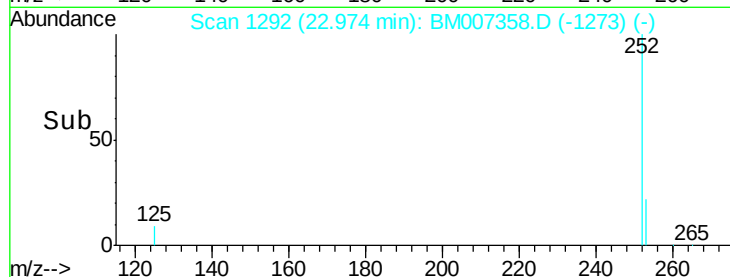
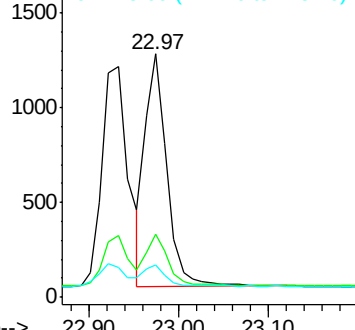
125 13.4 10.7 16.1



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



#38

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.51 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

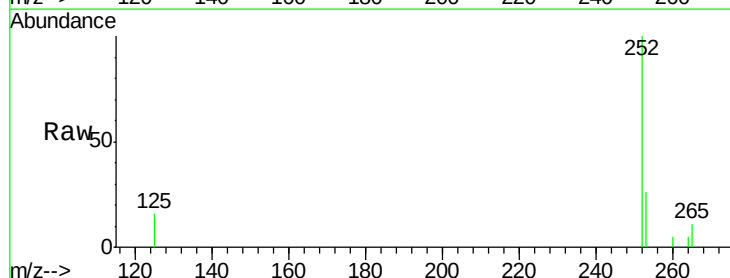
Tgt Ion:252 Resp: 2018

Ion Ratio Lower Upper

252 100

253 25.8 20.6 31.0

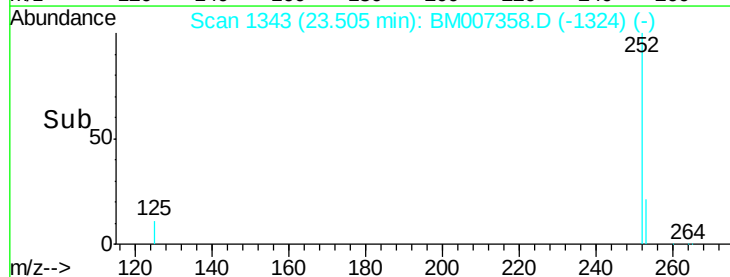
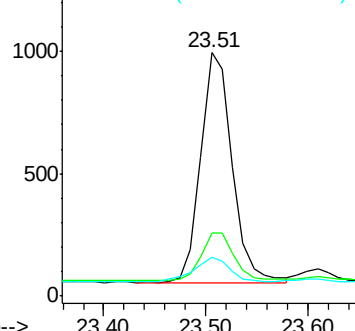
125 16.2 13.0 19.4

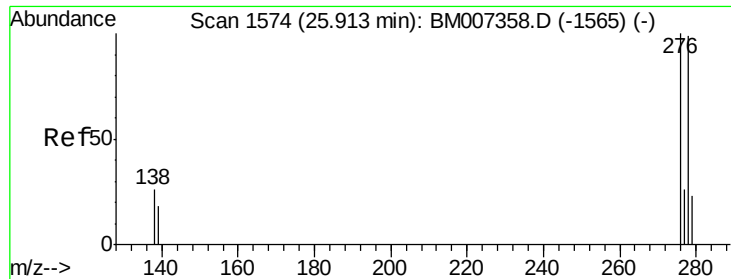


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.36 ng

RT: 25.91 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC0.4

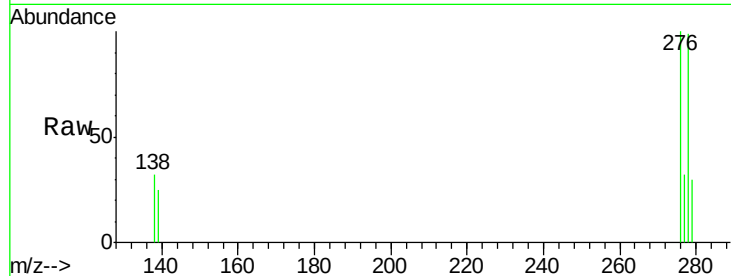
Tgt Ion:278 Resp: 1597

Ion Ratio Lower Upper

278 100

139 25.5 20.4 30.6

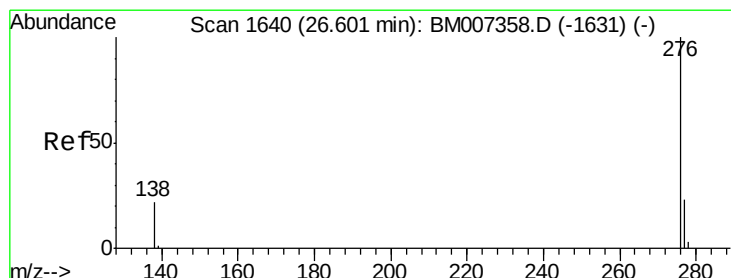
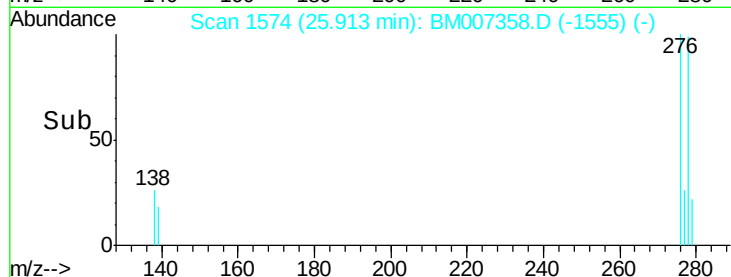
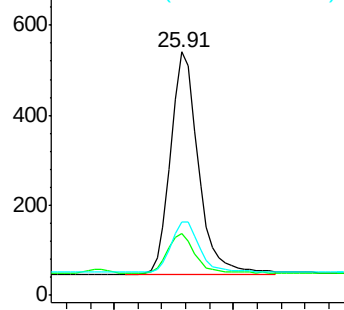
279 30.3 24.2 36.4



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: 0.37 ng

RT: 26.60 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BM007358.D

Acq: 01 Sep 2016 14:13

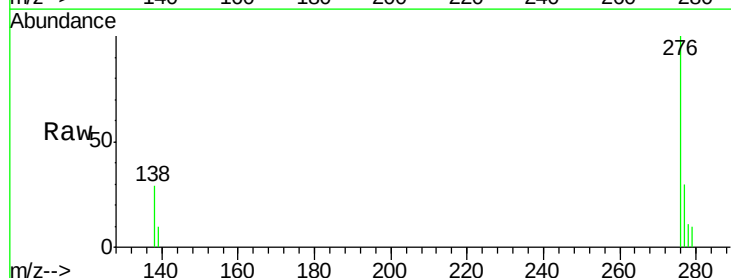
Tgt Ion:276 Resp: 1701

Ion Ratio Lower Upper

276 100

277 30.2 24.2 36.2

138 28.9 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

