

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM022816\  
 Data File : BM004457.D  
 Acq On : 28 Feb 2016 19:07  
 Operator : SJ/UM  
 Sample : SSTDICC002  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC002

Quant Time: Feb 29 03:18:45 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-SIM-BM022816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 29 02:56:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 14011    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.38 | 136  | 48897    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.25 | 164  | 31650    | 5.00 | ng    | 0.00     |
| 15) Phenanthrene-d10      | 17.03 | 188  | 43043    | 5.00 | ng    | 0.00     |
| 19) Chrysene-d12          | 21.24 | 240  | 61131    | 5.00 | ng    | 0.00     |
| 28) Perylene-d12          | 23.47 | 264  | 47354    | 5.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.21  | 112  | 6052     | 2.07 | ng    | 0.00     |
| 5) Phenol-d6                | 6.80  | 99   | 7065     | 2.03 | ng    | -0.03    |
| 8) Nitrobenzene-d5          | 8.76  | 82   | 5363     | 2.44 | ng    | -0.02    |
| 13) 2,4,6-Tribromophenol    | 15.78 | 330  | 2758     | 2.92 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl        | 12.89 | 172  | 17994    | 1.86 | ng    | 0.00     |
| 22) Terphenyl-d14           | 19.68 | 244  | 14841    | 1.89 | ng    | 0.00     |

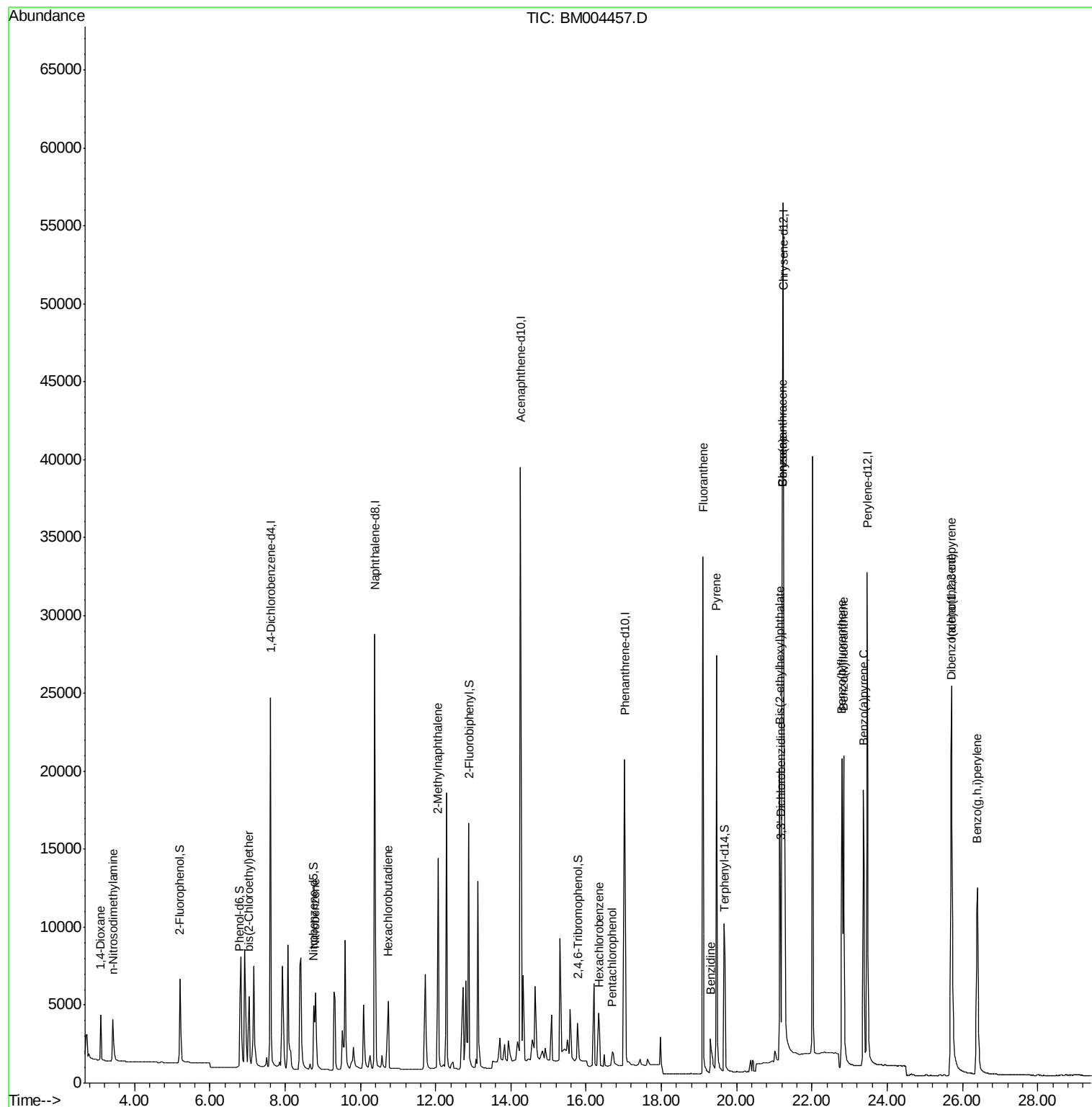
| Target Compounds               | R.T.  | QIon | Response | Conc | Units | Qvalue |
|--------------------------------|-------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane                 | 3.10  | 88   | 2302     | 1.53 | ng    | 100    |
| 3) n-Nitrosodimethylamine      | 3.43  | 42   | 1952     | 1.60 | ng    | # 97   |
| 6) bis(2-Chloroethyl)ether     | 7.04  | 93   | 5196     | 1.62 | ng    | # 97   |
| 9) Nitrobenzene                | 8.81  | 77   | 6068     | 2.42 | ng    | # 100  |
| 10) Hexachlorobutadiene        | 10.74 | 225  | 3871     | 2.17 | ng    | 99     |
| 11) 2-Methylnaphthalene        | 12.07 | 142  | 13862    | 1.87 | ng    | 96     |
| 16) Hexachlorobenzene          | 16.35 | 284  | 4381     | 2.81 | ng    | # 100  |
| 17) Pentachlorophenol          | 16.69 | 266  | 1517     | 3.72 | ng    | # 59   |
| 18) Fluoranthene               | 19.10 | 202  | 34134    | 2.82 | ng    | 100    |
| 20) Benzidine                  | 19.31 | 184  | 7819     | 2.65 | ng    | # 83   |
| 21) Pyrene                     | 19.46 | 202  | 34422    | 1.97 | ng    | 99     |
| 23) Benzo(a)anthracene         | 21.22 | 228  | 60502    | 3.31 | ng    | 99     |
| 24) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 12797    | 2.89 | ng    | # 95   |
| 25) Chrysene                   | 21.22 | 228  | 61662    | 3.65 | ng    | # 90   |
| 26) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 20115    | 2.58 | ng    | 100    |
| 27) Indeno(1,2,3-cd)pyrene     | 25.70 | 276  | 30127    | 1.71 | ng    | 100    |
| 29) Benzo(b)fluoranthene       | 22.79 | 252  | 34099    | 2.27 | ng    | 96     |
| 30) Benzo(k)fluoranthene       | 22.85 | 252  | 26326    | 1.97 | ng    | 98     |
| 31) Benzo(a)pyrene             | 23.37 | 252  | 27190    | 2.09 | ng    | 97     |
| 32) Dibenzo(a,h)anthracene     | 25.71 | 278  | 23673    | 2.03 | ng    | 95     |
| 33) Benzo(g,h,i)perylene       | 26.39 | 276  | 25880    | 2.03 | ng    | 99     |

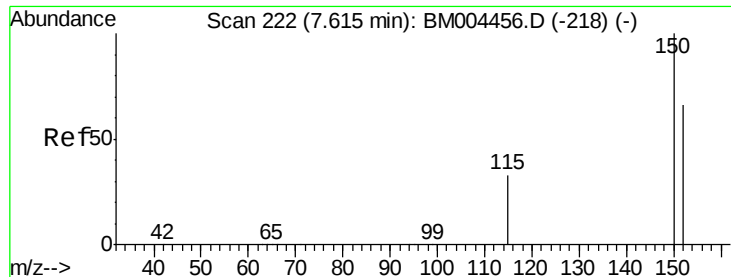
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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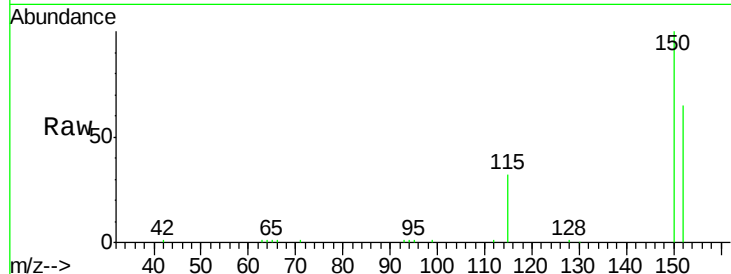


#1

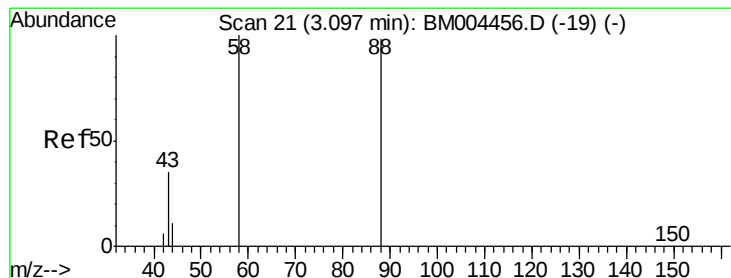
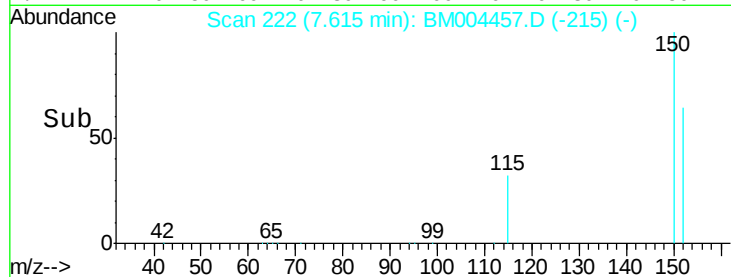
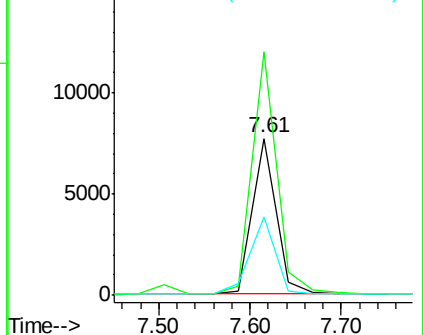
1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.61 min Scan# 222  
Delta R.T. -0.00 min  
Lab File: BM004457.D  
Acq: 28 Feb 2016 19:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC002

Tgt Ion:152 Resp: 14011  
Ion Ratio Lower Upper  
152 100  
150 155.0 123.9 185.9  
115 50.3 40.6 61.0



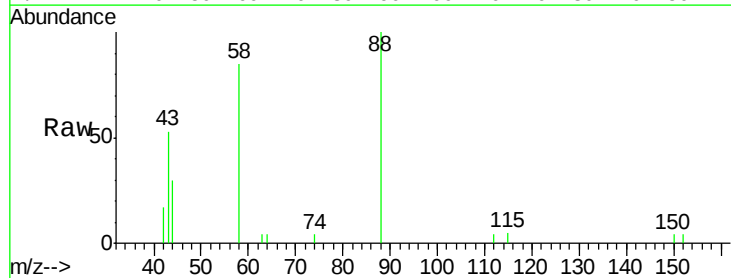
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



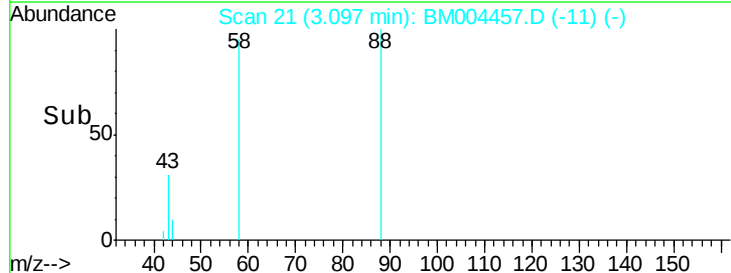
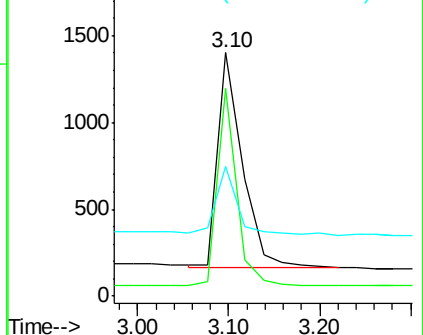
#2

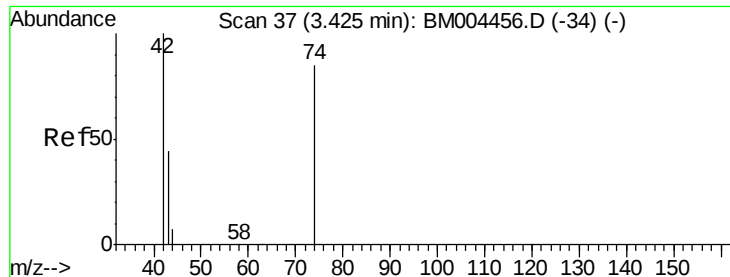
1,4-Dioxane  
Concen: 1.53 ng  
RT: 3.10 min Scan# 21  
Delta R.T. 0.00 min  
Lab File: BM004457.D  
Acq: 28 Feb 2016 19:07

Tgt Ion: 88 Resp: 2302  
Ion Ratio Lower Upper  
88 100  
58 72.9 58.5 87.7  
43 27.9 22.2 33.2



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: 1.60 ng

RT: 3.43 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

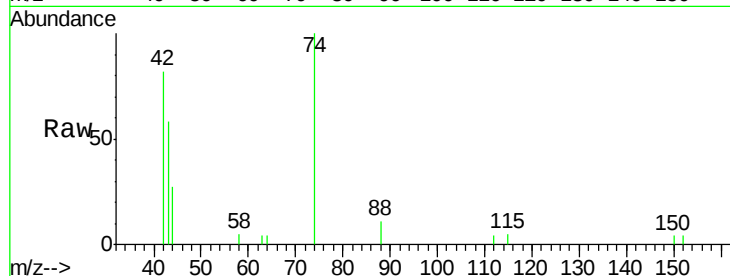
Tgt Ion: 42 Resp: 1952

Ion Ratio Lower Upper

42 100

74 160.1 0.0 0.0#

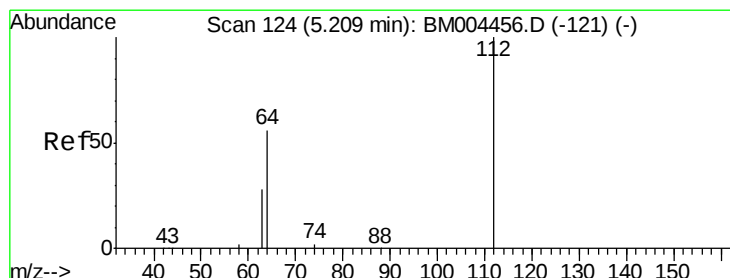
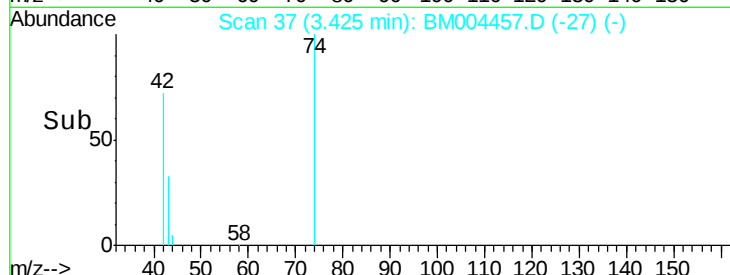
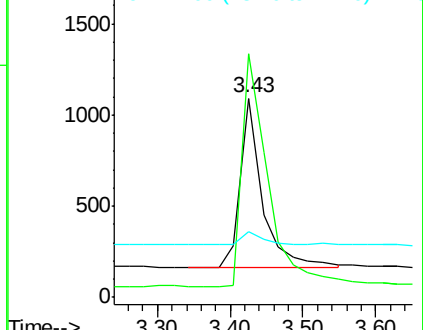
44 8.3 5.8 8.6



Abundance Ion 42.00 (41.70 to 42.70): BM004457.D (-34) (-)

Ion 74.00 (73.70 to 74.70): BM004457.D (-34) (-)

Ion 44.00 (43.70 to 44.70): BM004457.D (-34) (-)



#4

2-Fluorophenol

Concen: 2.07 ng

RT: 5.21 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

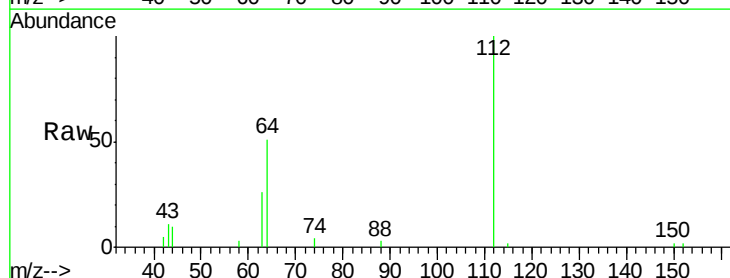
Tgt Ion: 112 Resp: 6052

Ion Ratio Lower Upper

112 100

64 47.9 39.4 59.2

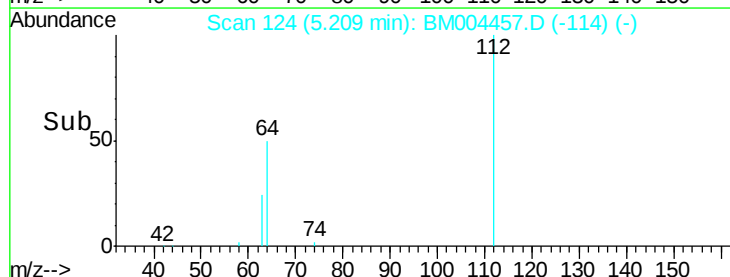
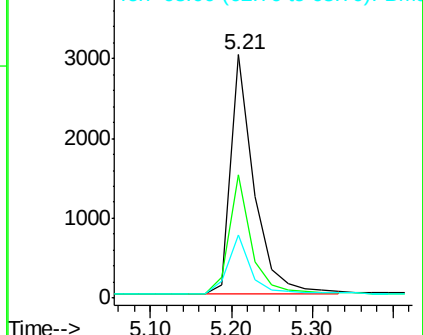
63 24.0 19.9 29.9

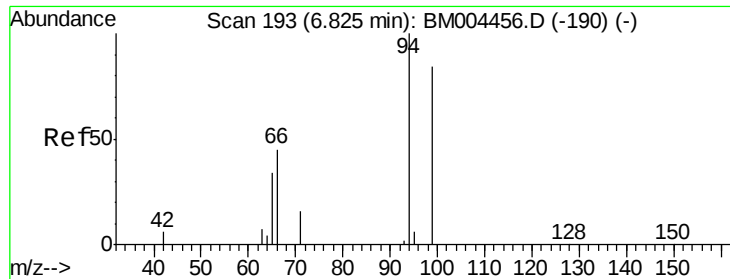


Abundance Ion 112.00 (111.70 to 112.70): BM004457.D (-121) (-)

Ion 64.00 (63.70 to 64.70): BM004457.D (-121) (-)

Ion 63.00 (62.70 to 63.70): BM004457.D (-121) (-)





#5

Phenol-d6

Concen: 2.03 ng

RT: 6.80 min Scan# 192

Delta R.T. -0.03 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

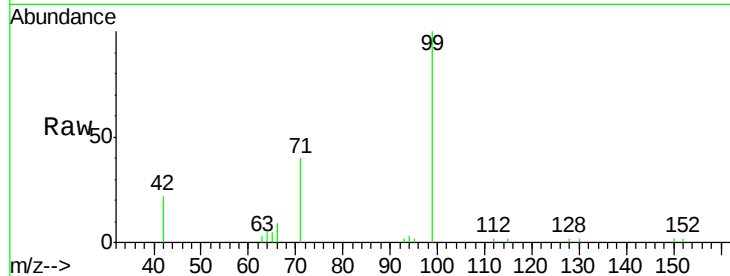
Tgt Ion: 99 Resp: 7065

Ion Ratio Lower Upper

99 100

42 14.5 0.0 0.0#

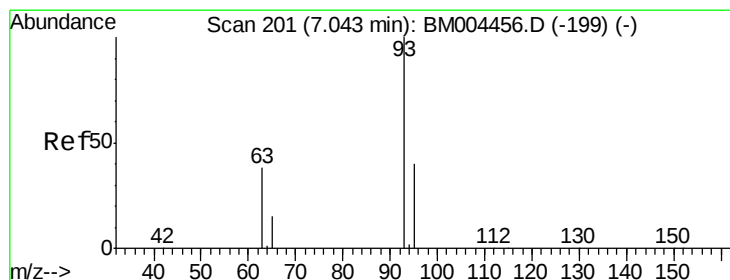
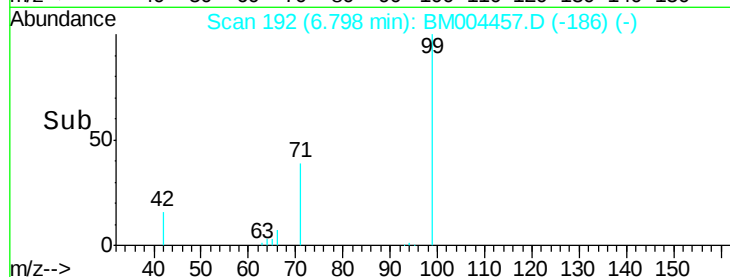
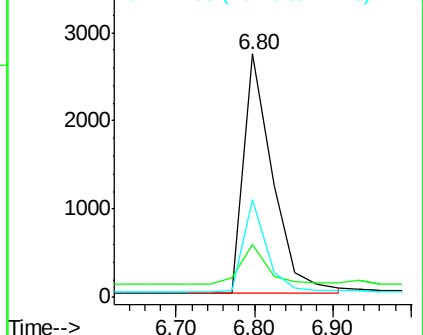
71 31.8 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BM004456.D (-190) (-)

Ion 42.00 (41.70 to 42.70): BM004456.D (-190) (-)

Ion 71.00 (70.70 to 71.70): BM004456.D (-190) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.62 ng

RT: 7.04 min Scan# 201

Delta R.T. 0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

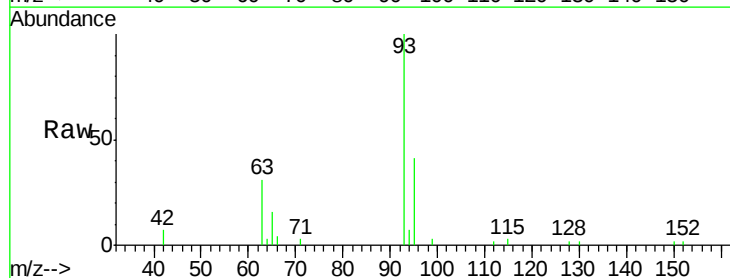
Tgt Ion: 93 Resp: 5196

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

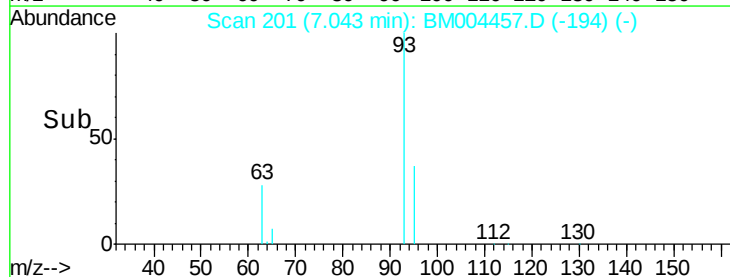
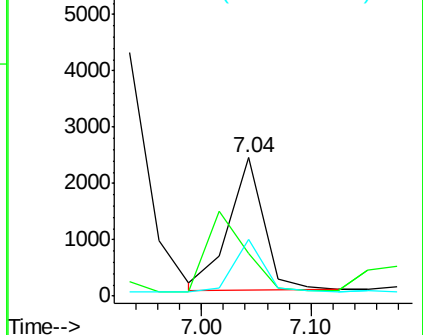
95 35.4 27.1 40.7

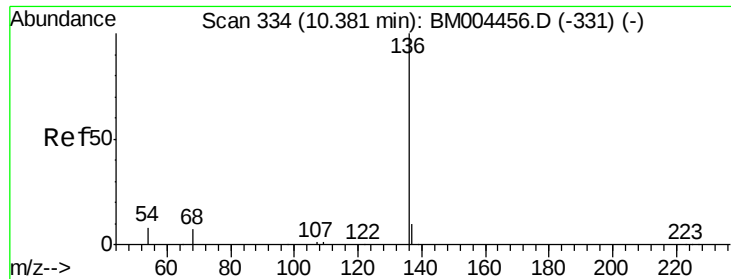


Abundance Ion 93.00 (92.70 to 93.70): BM004456.D (-199) (-)

Ion 63.00 (62.70 to 63.70): BM004456.D (-199) (-)

Ion 95.00 (94.70 to 95.70): BM004456.D (-199) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. 0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

Tgt Ion:136 Resp: 48897

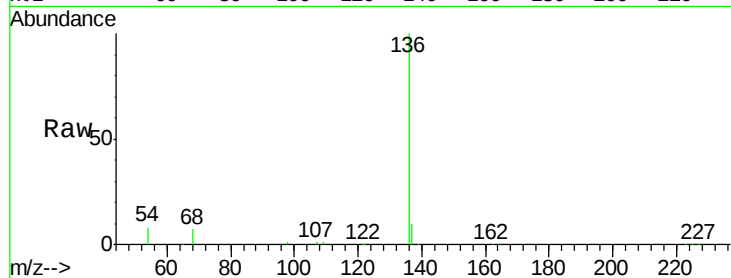
Ion Ratio Lower Upper

136 100

137 10.2 8.0 12.0

54 8.0 7.0 10.6

68 6.7 5.8 8.6

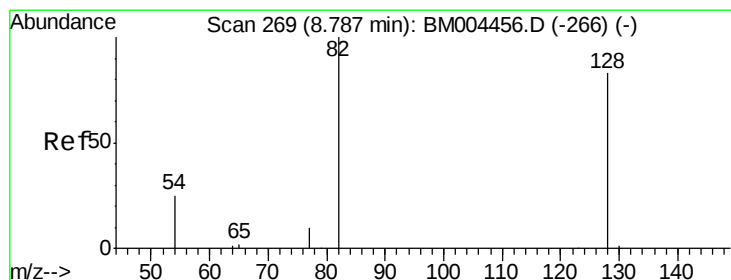
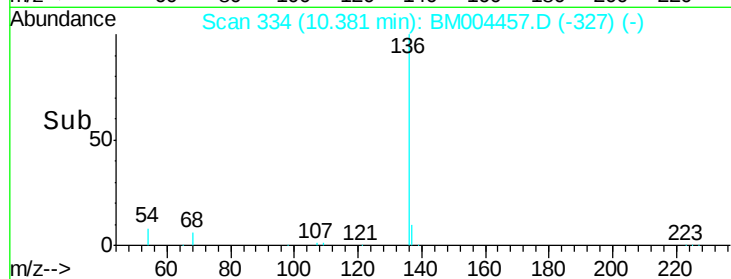
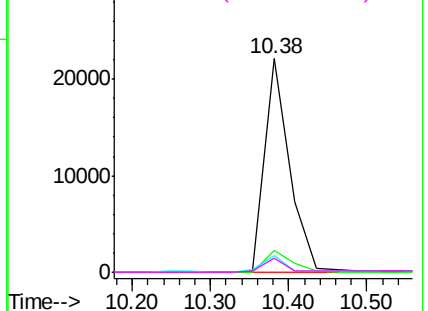


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.44 ng

RT: 8.76 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

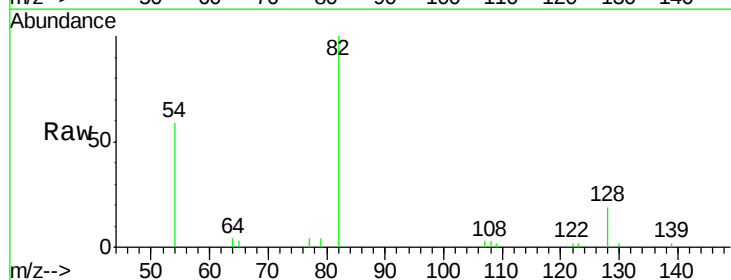
Tgt Ion: 82 Resp: 5363

Ion Ratio Lower Upper

82 100

128 19.3 67.0 100.6#

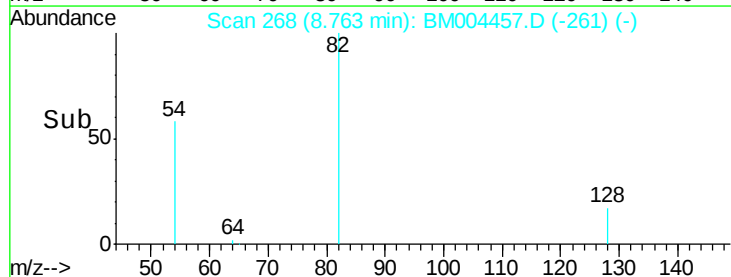
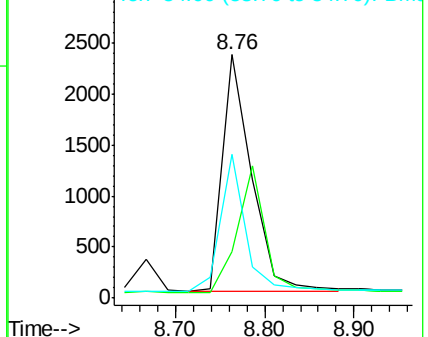
54 59.0 25.2 37.8#

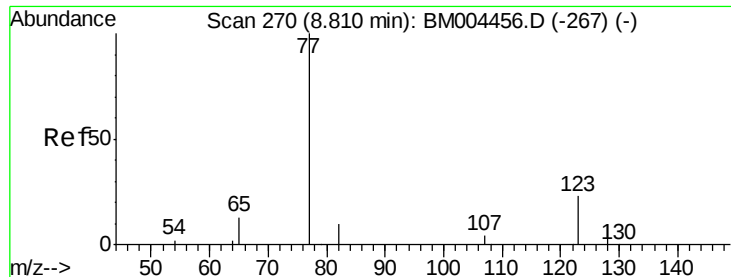


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 2.42 ng

RT: 8.81 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

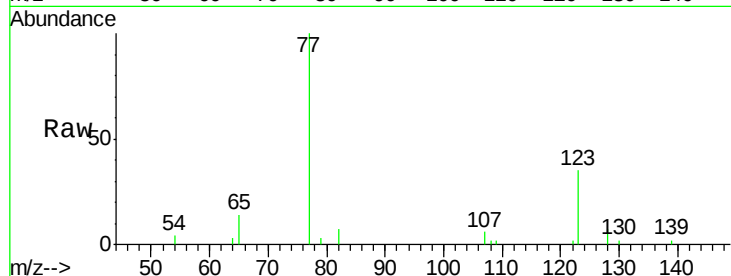
Tgt Ion: 77 Resp: 6068

Ion Ratio Lower Upper

77 100

123 51.8 0.0 0.0#

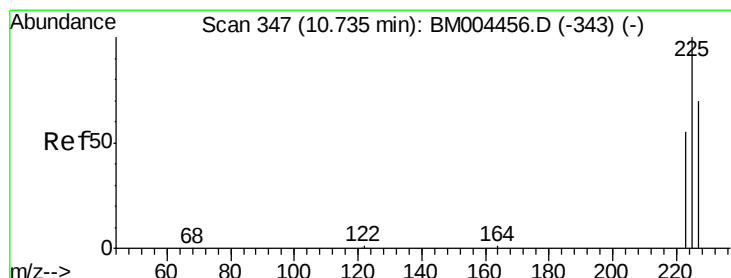
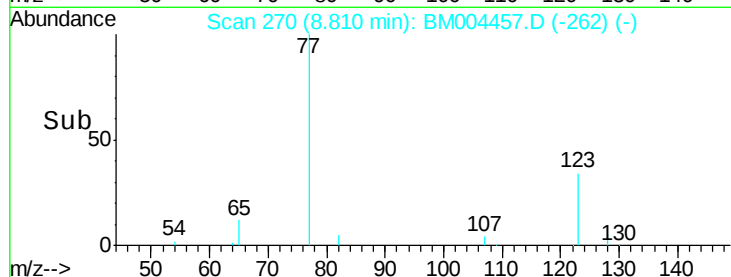
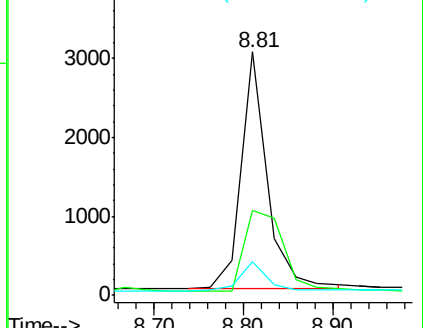
65 12.5 10.1 15.1



Abundance Ion 77.00 (76.70 to 77.70): BM004457.D (-262) (-)

Ion 123.00 (122.70 to 123.70): BM004457.D (-262) (-)

Ion 65.00 (64.70 to 65.70): BM004457.D (-262) (-)



#10

Hexachlorobutadiene

Concen: 2.17 ng

RT: 10.74 min Scan# 347

Delta R.T. 0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

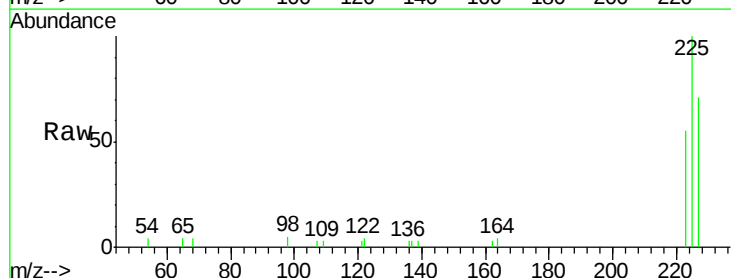
Tgt Ion: 225 Resp: 3871

Ion Ratio Lower Upper

225 100

223 59.7 48.4 72.6

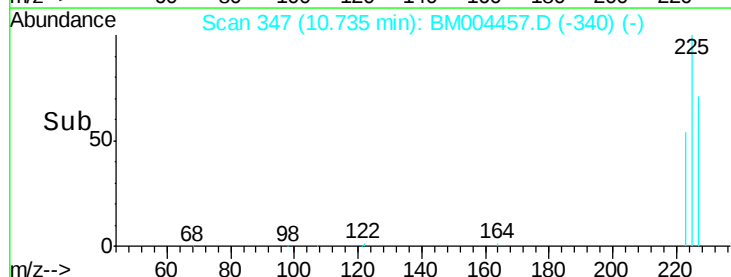
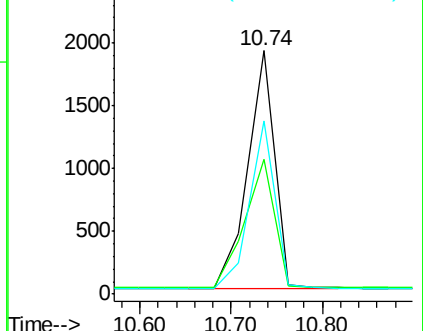
227 66.1 52.8 79.2

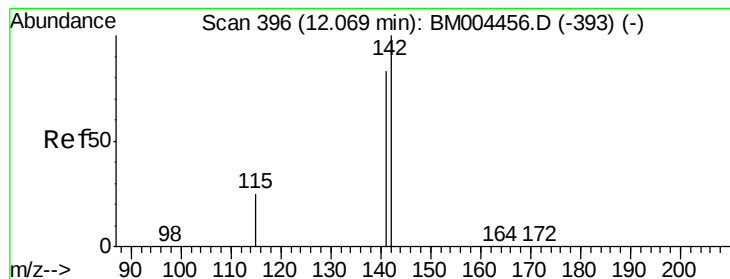


Abundance Ion 225.00 (224.70 to 225.70): BM004457.D (-340) (-)

Ion 223.00 (222.70 to 223.70): BM004457.D (-340) (-)

Ion 227.00 (226.70 to 227.70): BM004457.D (-340) (-)





#11

2-Methylnaphthalene

Concen: 1.87 ng

RT: 12.07 min Scan# 396

Delta R.T. -0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

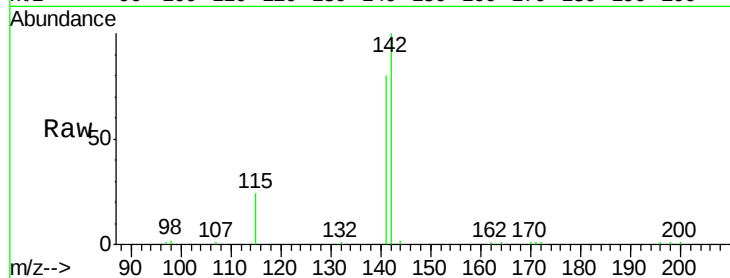
Tgt Ion:142 Resp: 13862

Ion Ratio Lower Upper

142 100

141 80.4 66.4 99.6

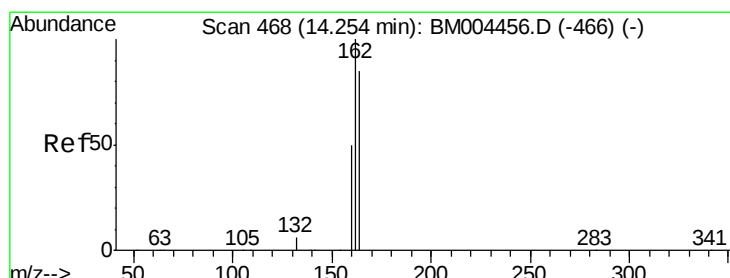
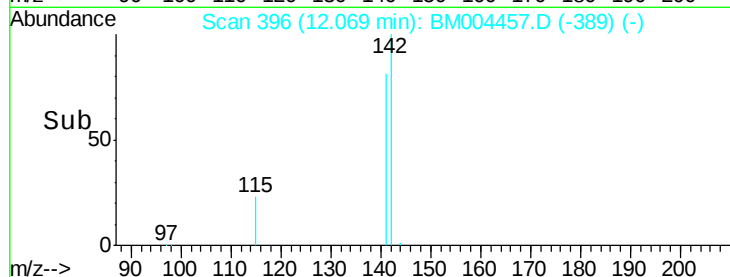
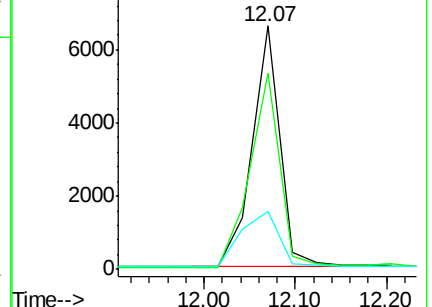
115 23.6 21.6 32.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 468

Delta R.T. -0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

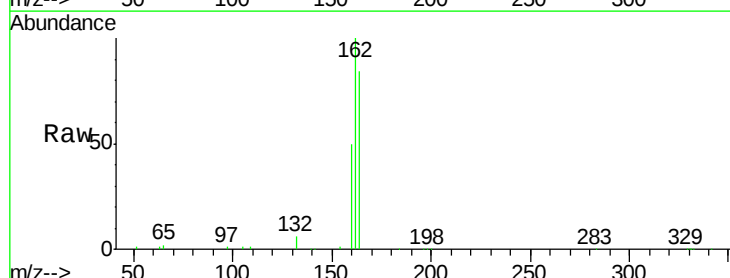
Tgt Ion:164 Resp: 31650

Ion Ratio Lower Upper

164 100

162 118.4 94.6 141.8

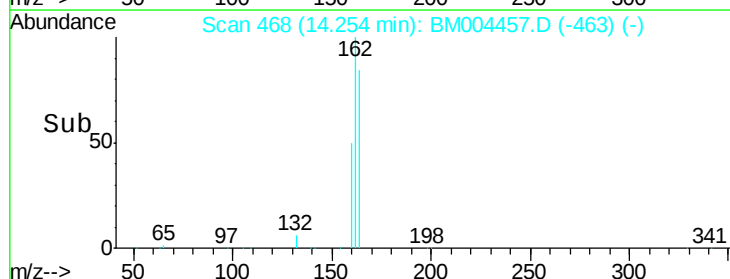
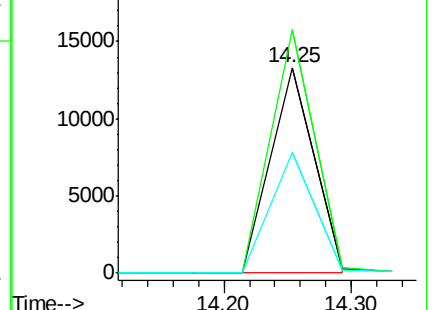
160 58.9 47.0 70.4

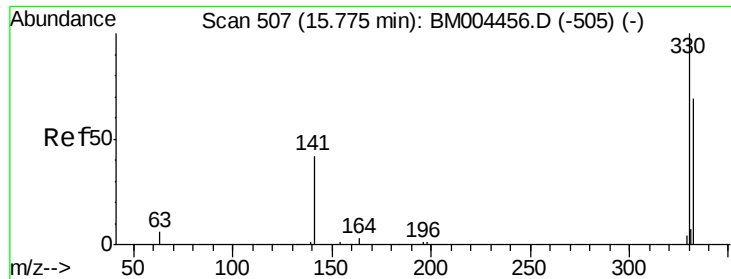


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

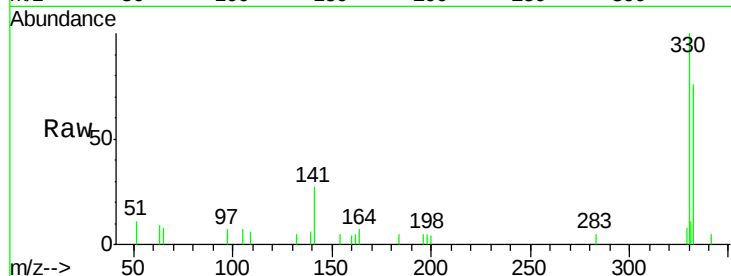




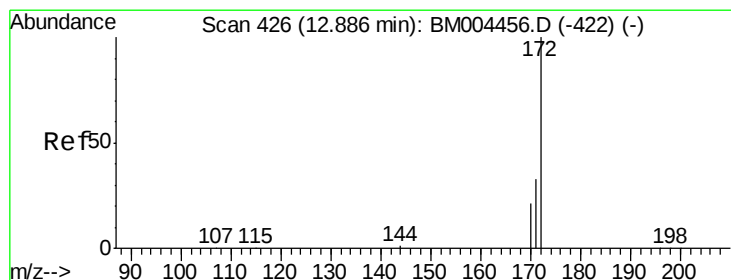
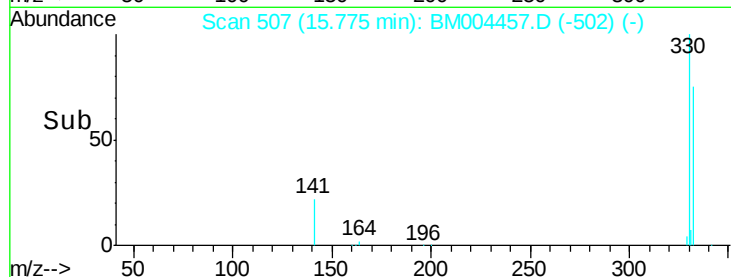
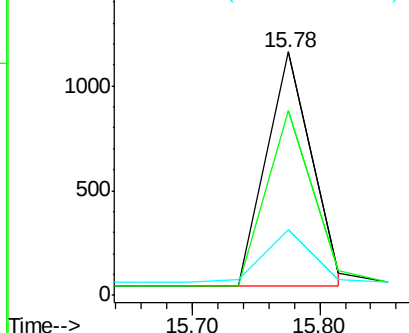
#13  
 2,4,6-Tribromophenol  
 Concen: 2.92 ng  
 RT: 15.78 min Scan# 507  
 Delta R.T. 0.00 min  
 Lab File: BM004457.D  
 Acq: 28 Feb 2016 19:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC002

Tgt Ion:330 Resp: 2758  
 Ion Ratio Lower Upper  
 330 100  
 332 77.4 59.2 88.8  
 141 24.3 33.0 49.4#

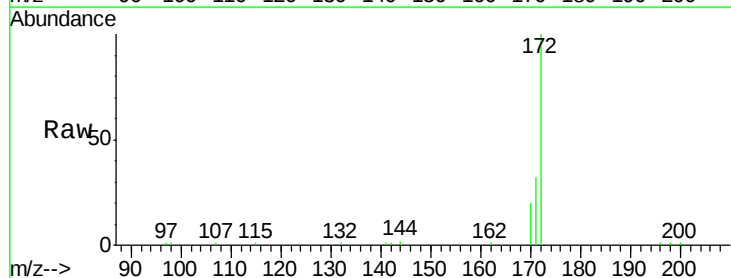


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

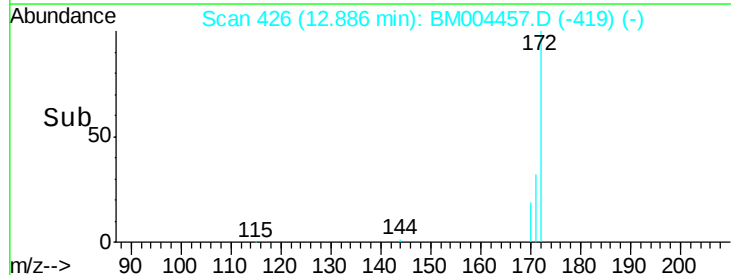
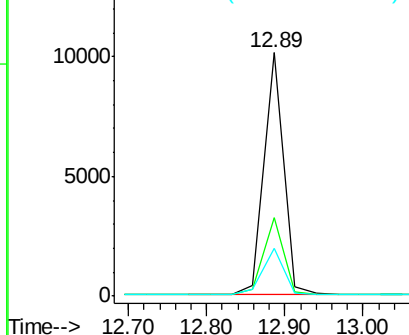


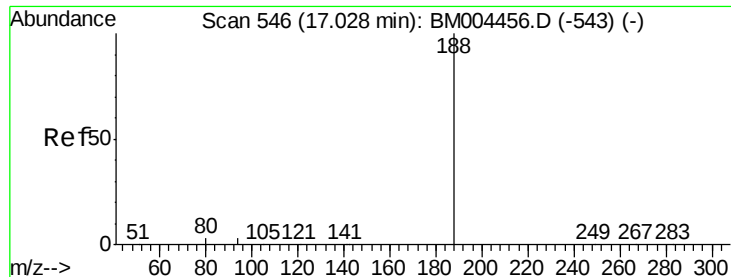
#14  
 2-Fluorobiphenyl  
 Concen: 1.86 ng  
 RT: 12.89 min Scan# 426  
 Delta R.T. -0.00 min  
 Lab File: BM004457.D  
 Acq: 28 Feb 2016 19:07

Tgt Ion:172 Resp: 17994  
 Ion Ratio Lower Upper  
 172 100  
 171 32.3 27.2 40.8  
 170 19.7 17.4 26.0



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

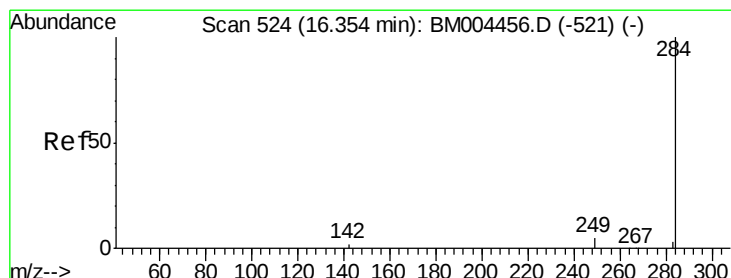
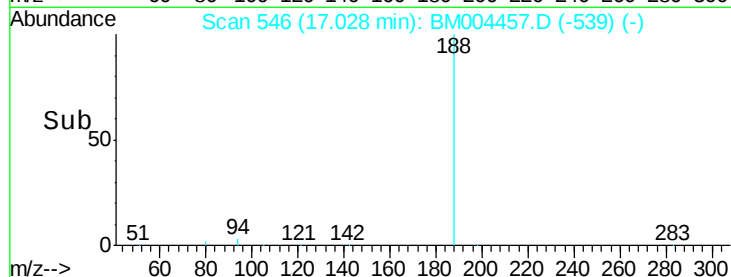
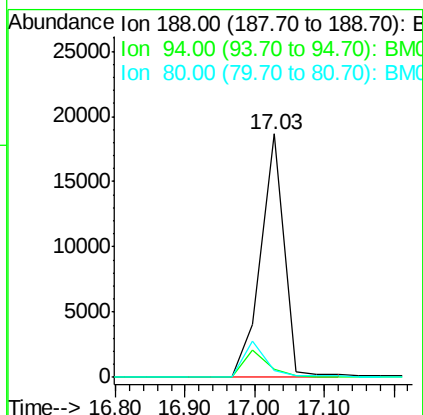
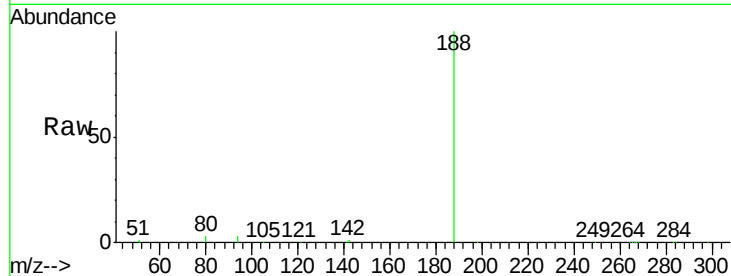




#15  
Phenanthrene-d10  
Concen: 5.00 ng  
RT: 17.03 min Scan# 546  
Delta R.T. -0.00 min  
Lab File: BM004457.D  
Acq: 28 Feb 2016 19:07

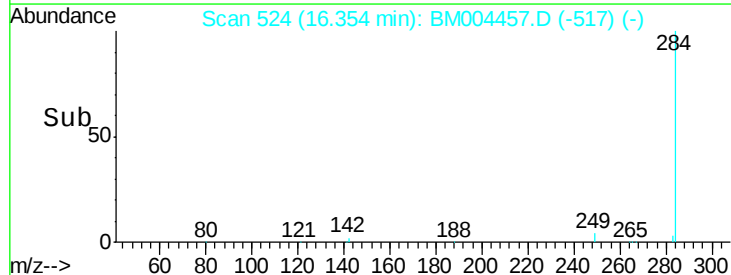
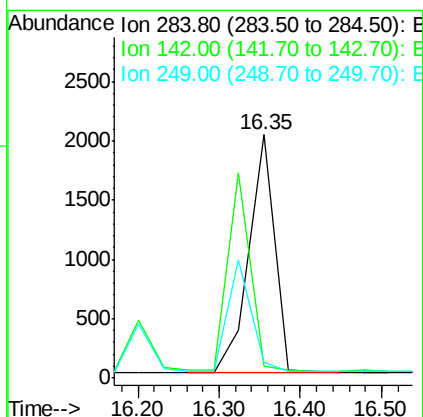
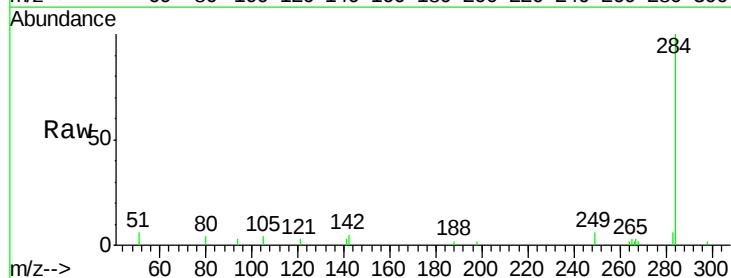
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC002

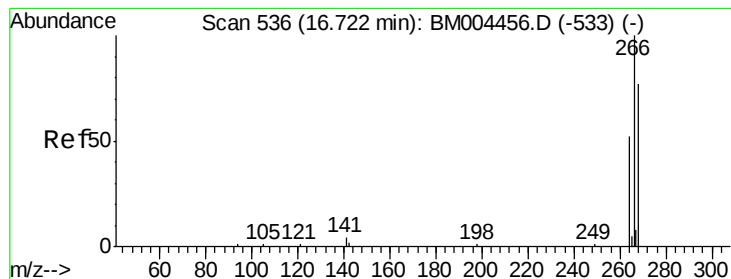
Tgt Ion:188 Resp: 43043  
Ion Ratio Lower Upper  
188 100  
94 3.2 2.7 4.1  
80 2.6 2.2 3.4



#16  
Hexachlorobenzene  
Concen: 2.81 ng  
RT: 16.35 min Scan# 524  
Delta R.T. 0.00 min  
Lab File: BM004457.D  
Acq: 28 Feb 2016 19:07

Tgt Ion:284 Resp: 4381  
Ion Ratio Lower Upper  
284 100  
142 0.0 0.0 0.0  
249 0.0 0.0 0.0





#17

Pentachlorophenol

Concen: 3.72 ng

RT: 16.69 min Scan# 535

Delta R.T. -0.03 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

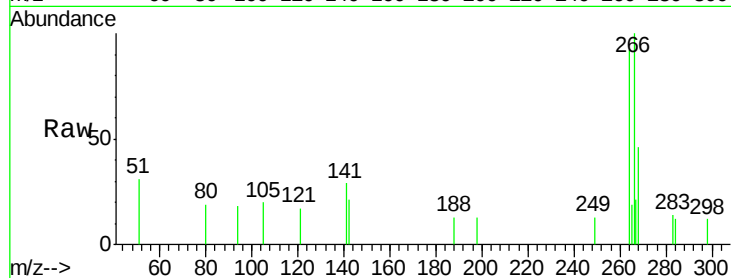
Tgt Ion:266 Resp: 1517

Ion Ratio Lower Upper

266 100

268 46.1 66.8 100.2#

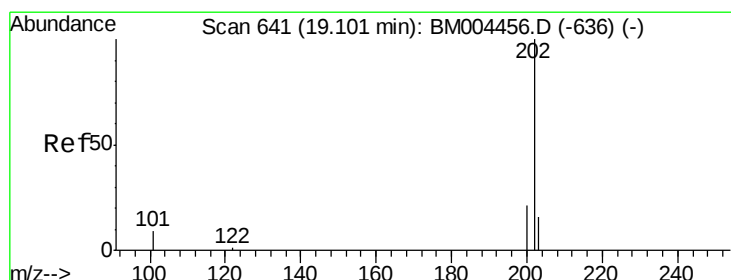
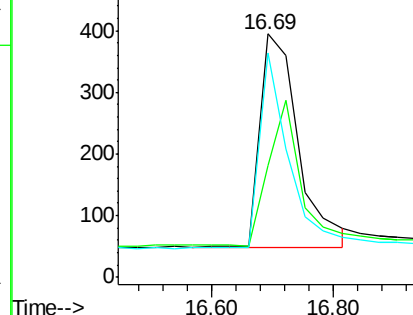
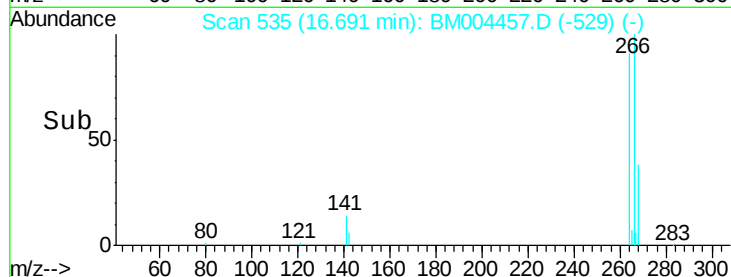
264 92.2 49.4 74.0#



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



#18

Fluoranthene

Concen: 2.82 ng

RT: 19.10 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

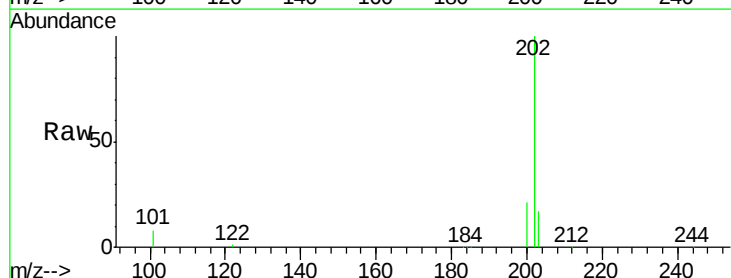
Tgt Ion:202 Resp: 34134

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.0

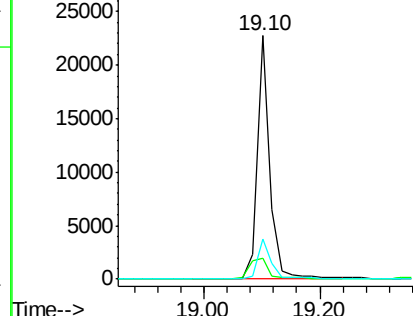
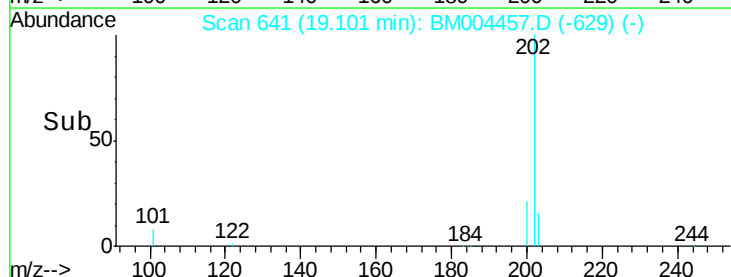
203 17.3 13.9 20.9

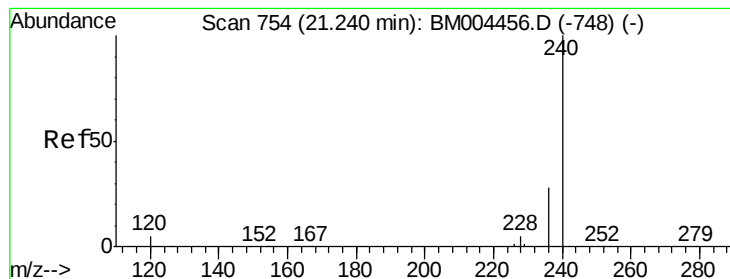


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Chrysene-d12

Concen: 5.00 ng

RT: 21.24 min Scan# 754

Delta R.T. 0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

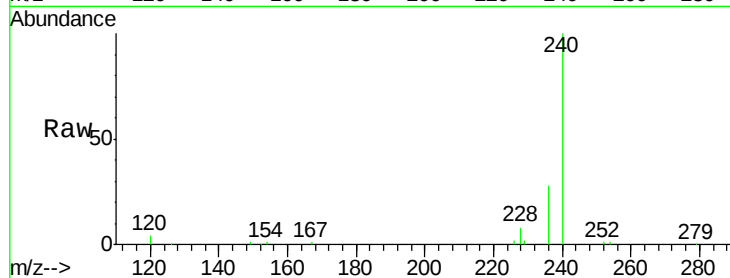
Tgt Ion:240 Resp: 61131

Ion Ratio Lower Upper

240 100

120 4.3 4.0 6.0

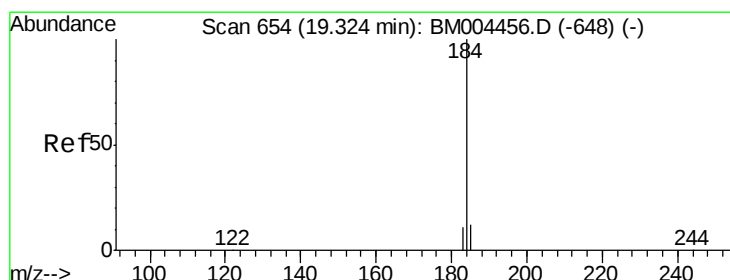
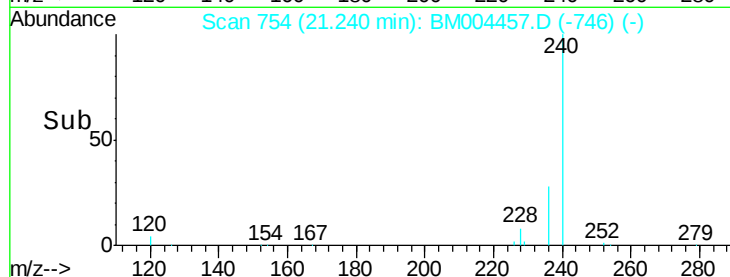
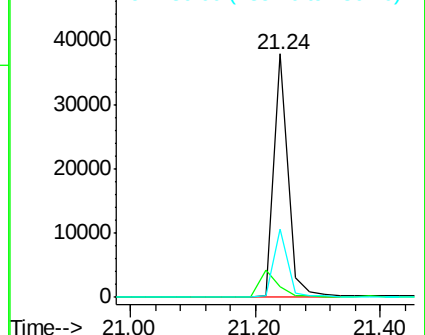
236 28.2 22.7 34.1



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



#20

Benzidine

Concen: 2.65 ng

RT: 19.31 min Scan# 653

Delta R.T. -0.02 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

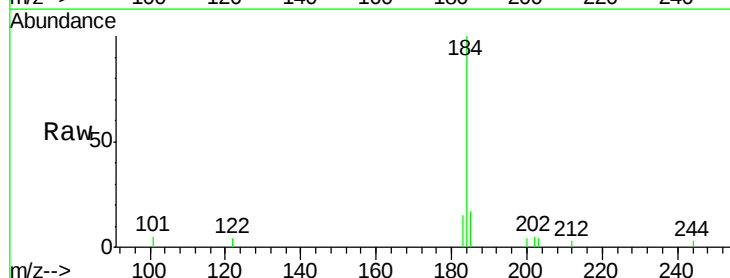
Tgt Ion:184 Resp: 7819

Ion Ratio Lower Upper

184 100

185 17.2 20.8 31.2#

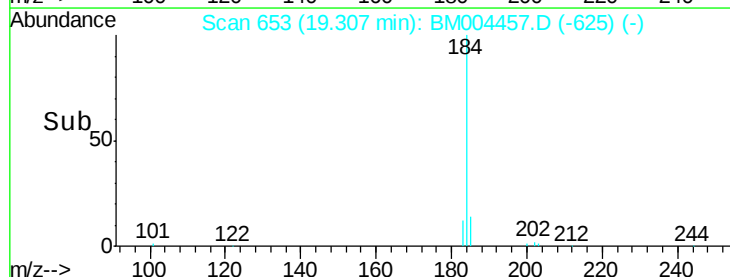
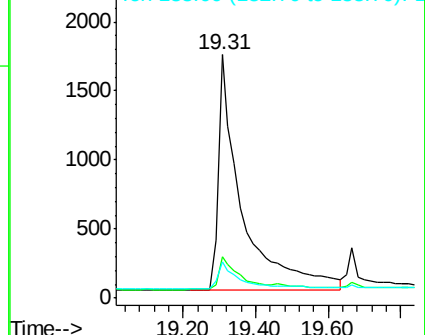
183 15.0 18.5 27.7#

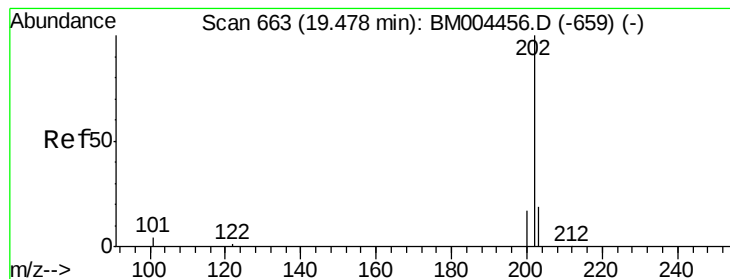


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#21

Pyrene

Concen: 1.97 ng

RT: 19.46 min Scan# 662

Delta R.T. -0.02 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

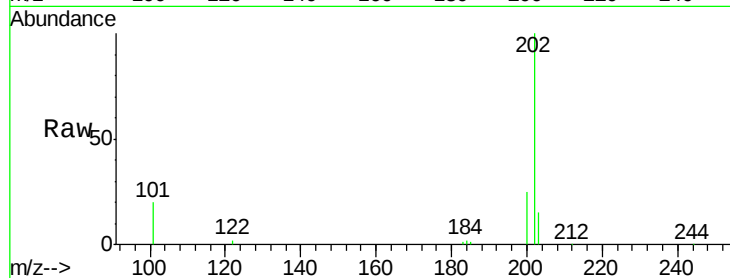
Tgt Ion:202 Resp: 34422

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

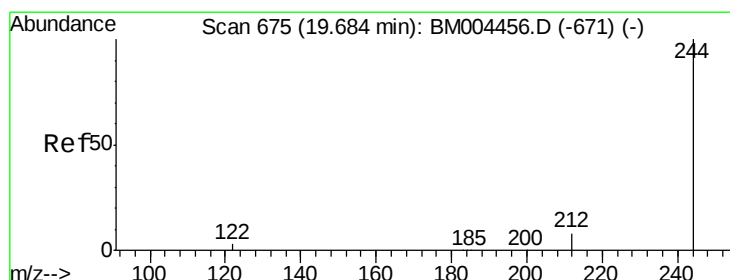
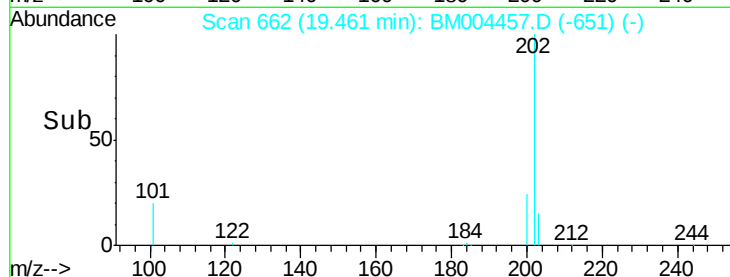
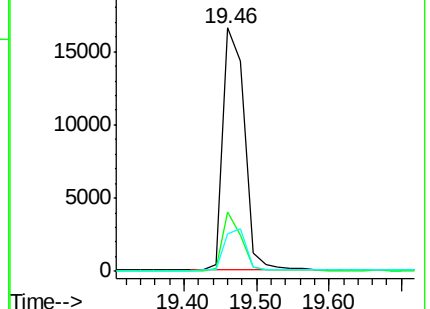
203 17.5 13.9 20.9



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



#22

Terphenyl-d14

Concen: 1.89 ng

RT: 19.68 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

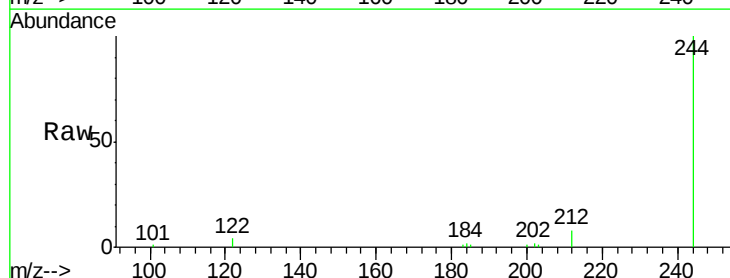
Tgt Ion:244 Resp: 14841

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

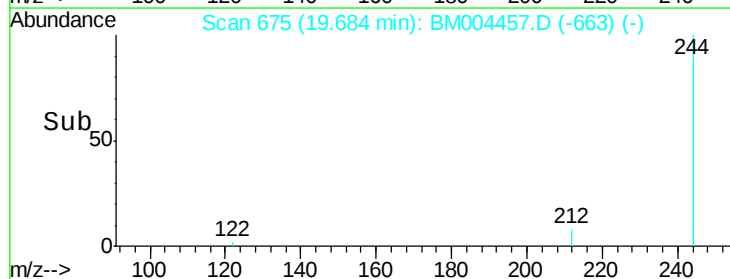
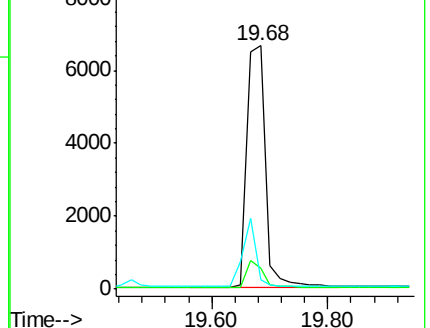
122 3.6 4.2 6.2#

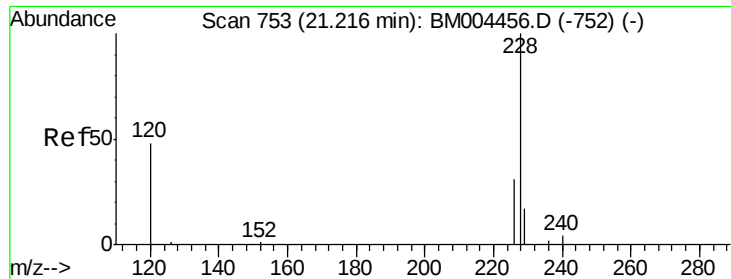


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

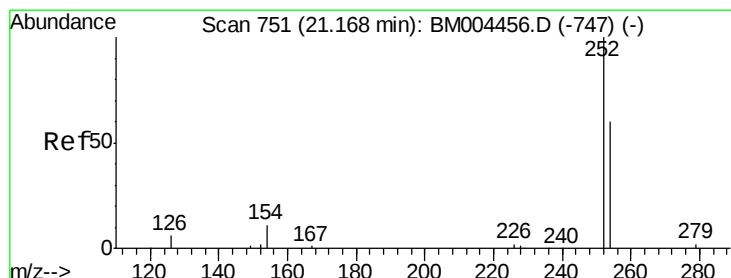
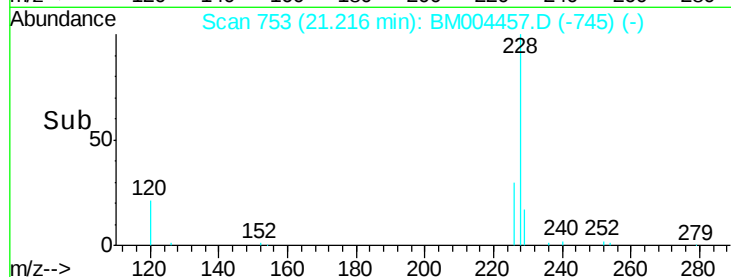
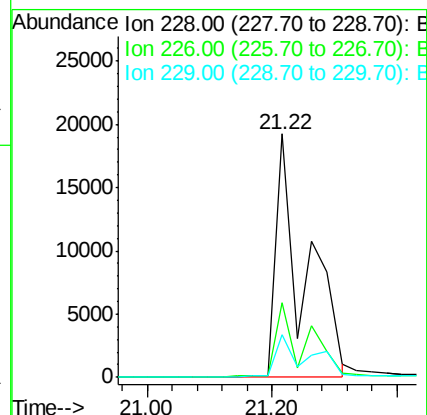
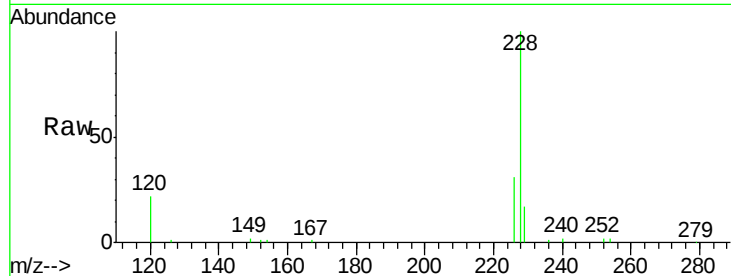




#23  
Benzo(a)anthracene  
Concen: 3.31 ng  
RT: 21.22 min Scan# 753  
Delta R.T. -0.00 min  
Lab File: BM004457.D  
Acq: 28 Feb 2016 19:07

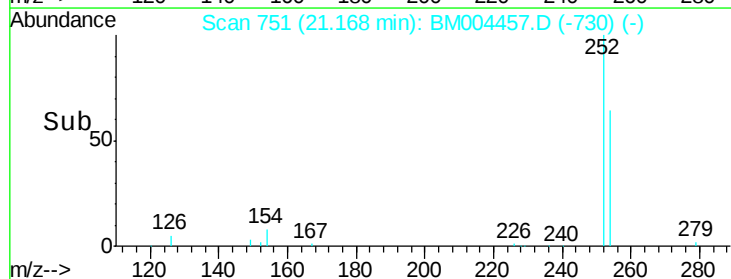
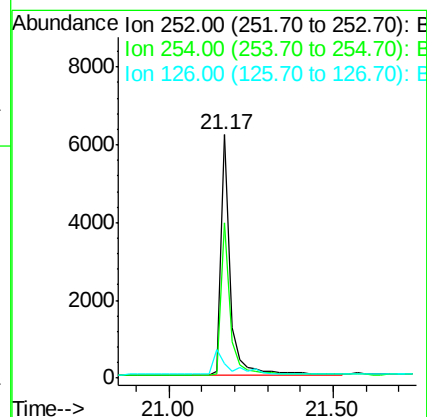
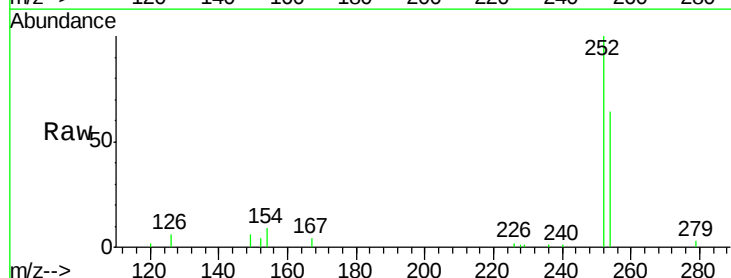
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC002

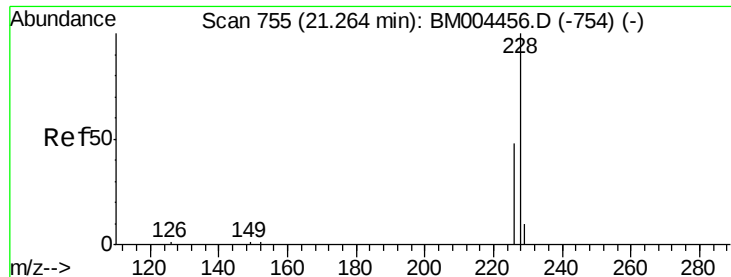
Tgt Ion:228 Resp: 60502  
Ion Ratio Lower Upper  
228 100  
226 30.6 25.1 37.7  
229 17.4 14.2 21.4



#24  
3,3'-Dichlorobenzidine  
Concen: 2.89 ng  
RT: 21.17 min Scan# 751  
Delta R.T. 0.00 min  
Lab File: BM004457.D  
Acq: 28 Feb 2016 19:07

Tgt Ion:252 Resp: 12797  
Ion Ratio Lower Upper  
252 100  
254 64.0 48.7 73.1  
126 6.1 8.2 12.2#





#25

Chrysene

Concen: 3.65 ng

RT: 21.22 min Scan# 753

Delta R.T. -0.05 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

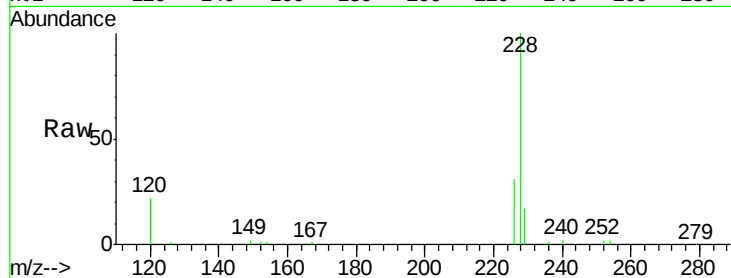
Tgt Ion:228 Resp: 61662

Ion Ratio Lower Upper

228 100

226 30.6 31.0 46.6#

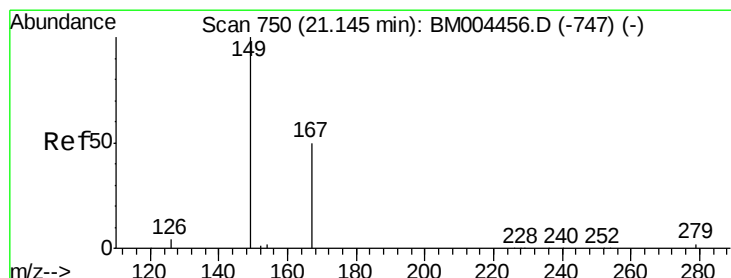
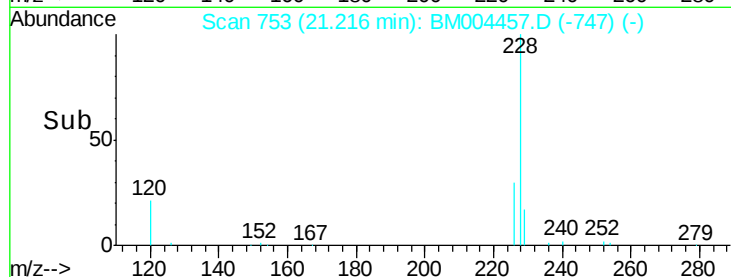
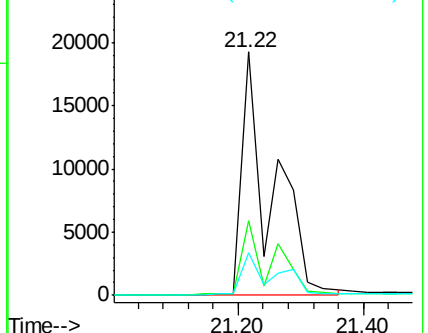
229 17.4 13.4 20.2



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



#26

Bis(2-ethylhexyl)phthalate

Concen: 2.58 ng

RT: 21.14 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

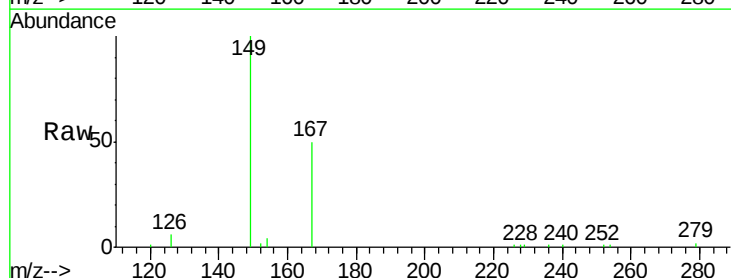
Tgt Ion:149 Resp: 20115

Ion Ratio Lower Upper

149 100

167 41.7 33.1 49.7

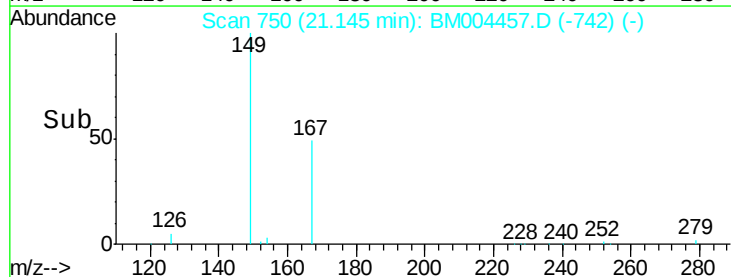
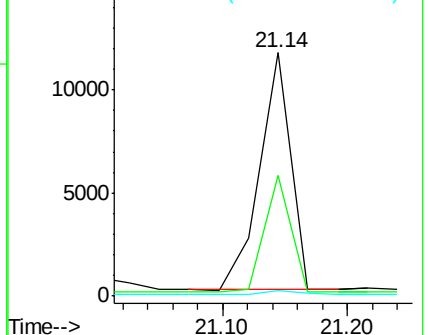
279 2.3 2.0 3.0

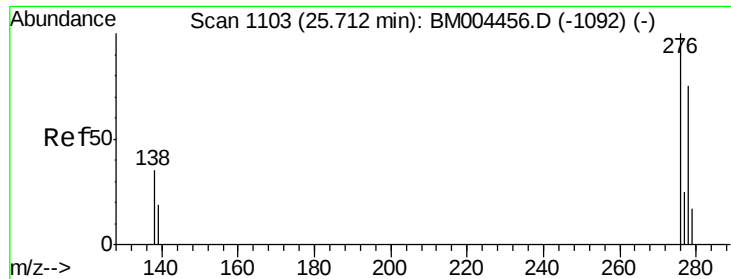


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

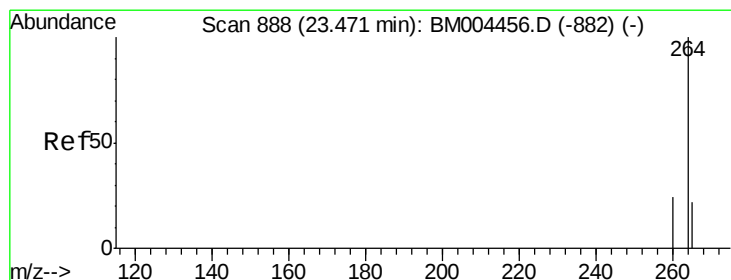
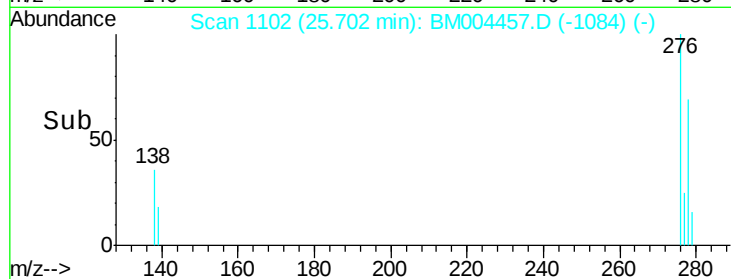
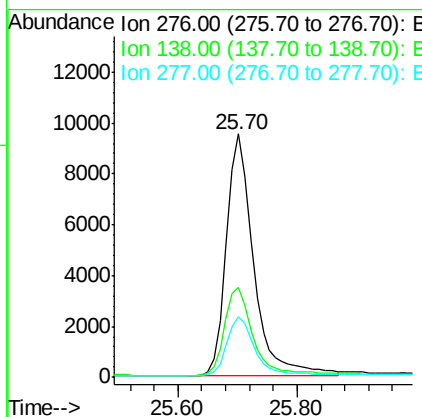
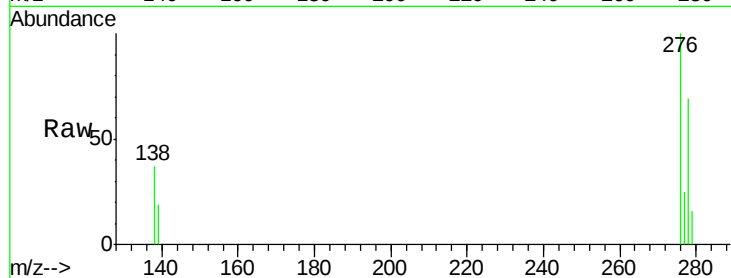




#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 1.71 ng  
 RT: 25.70 min Scan# 1102  
 Delta R.T. -0.01 min  
 Lab File: BM004457.D  
 Acq: 28 Feb 2016 19:07

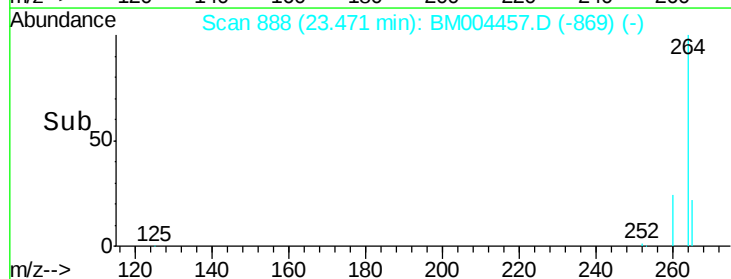
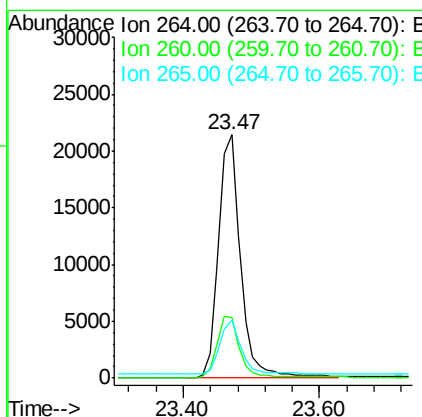
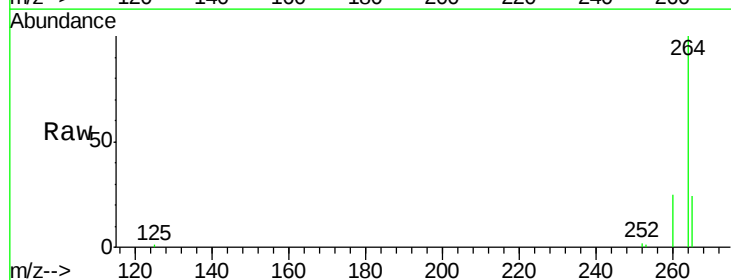
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC002

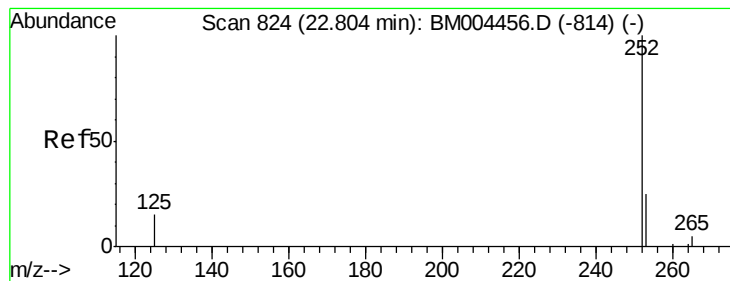
Tgt Ion: 276 Resp: 30127  
 Ion Ratio Lower Upper  
 276 100  
 138 37.7 30.0 45.0  
 277 24.9 19.8 29.8



#28  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.47 min Scan# 888  
 Delta R.T. -0.00 min  
 Lab File: BM004457.D  
 Acq: 28 Feb 2016 19:07

Tgt Ion: 264 Resp: 47354  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.4 29.2  
 265 23.8 18.9 28.3





#29

Benzo(b)fluoranthene

Concen: 2.27 ng

RT: 22.79 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

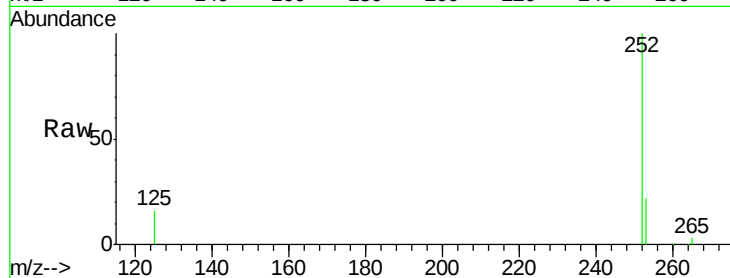
Tgt Ion:252 Resp: 34099

Ion Ratio Lower Upper

252 100

253 21.7 19.8 29.6

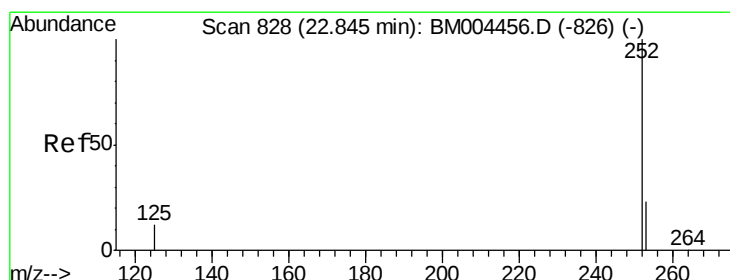
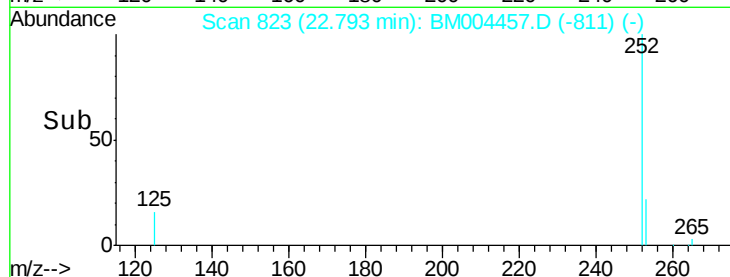
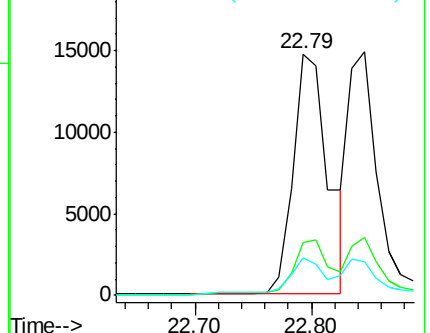
125 15.6 12.2 18.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#30

Benzo(k)fluoranthene

Concen: 1.97 ng

RT: 22.85 min Scan# 828

Delta R.T. 0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

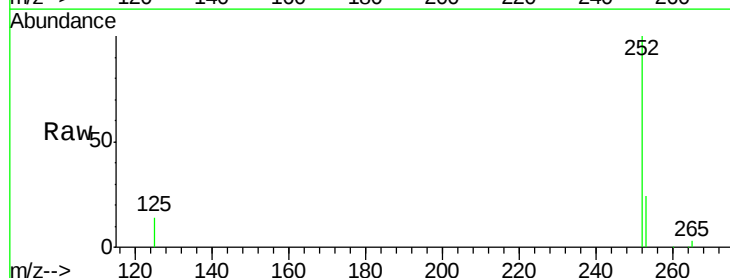
Tgt Ion:252 Resp: 26326

Ion Ratio Lower Upper

252 100

253 23.6 19.3 28.9

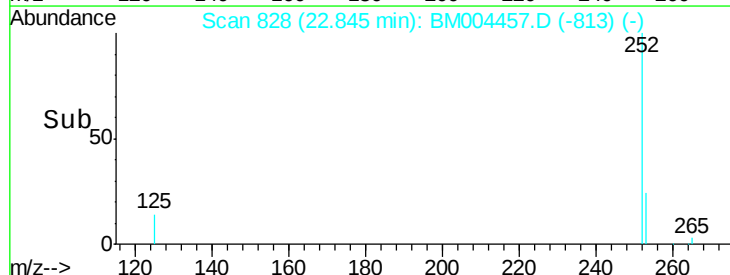
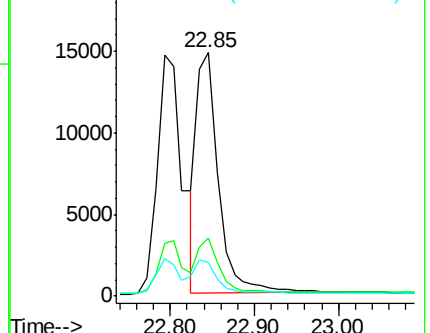
125 13.8 12.4 18.6

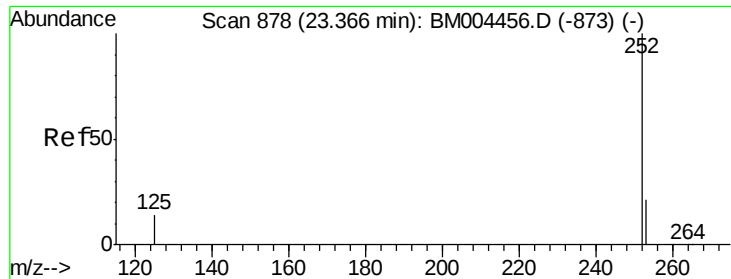


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 2.09 ng

RT: 23.37 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002

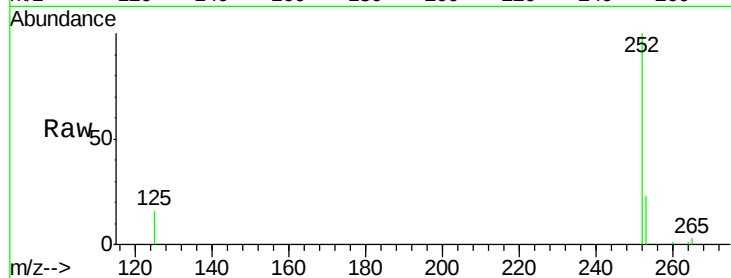
Tgt Ion:252 Resp: 27190

Ion Ratio Lower Upper

252 100

253 22.8 19.3 28.9

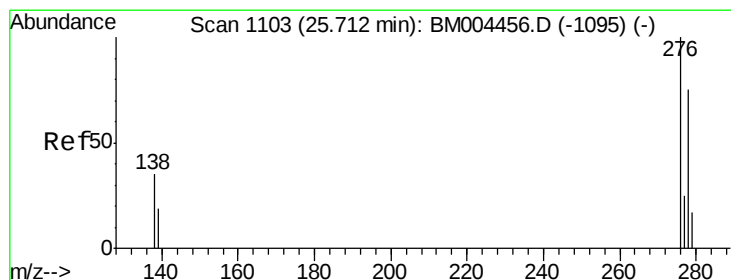
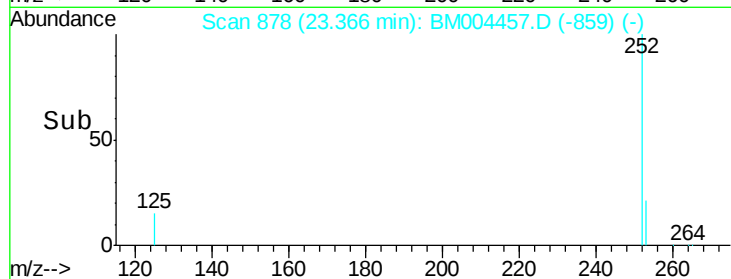
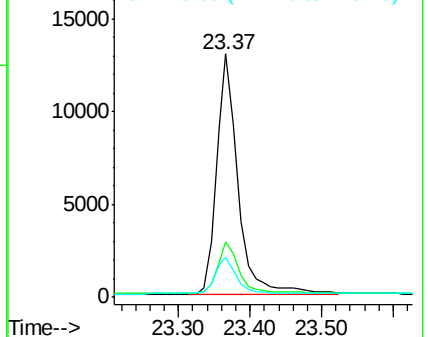
125 16.3 14.4 21.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#32

Dibenzo(a,h)anthracene

Concen: 2.03 ng

RT: 25.71 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BM004457.D

Acq: 28 Feb 2016 19:07

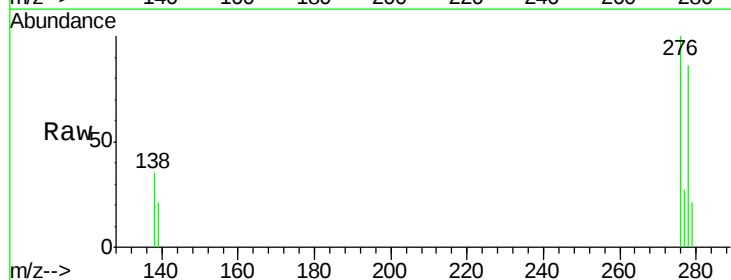
Tgt Ion:278 Resp: 23673

Ion Ratio Lower Upper

278 100

139 24.3 22.3 33.5

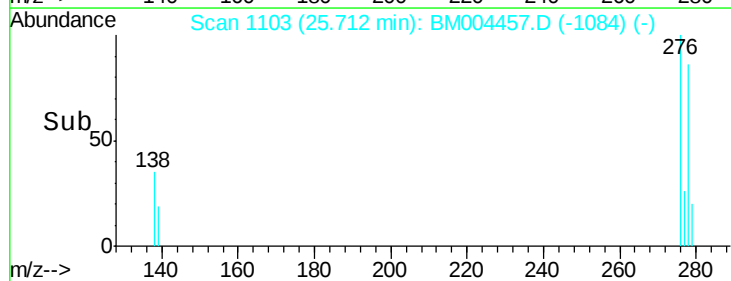
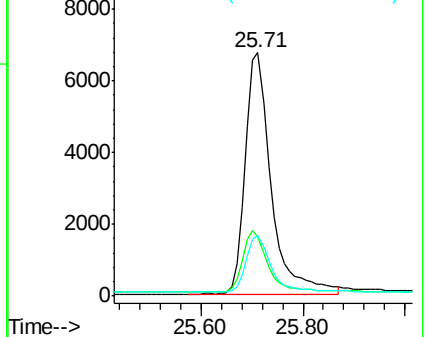
279 24.7 20.7 31.1

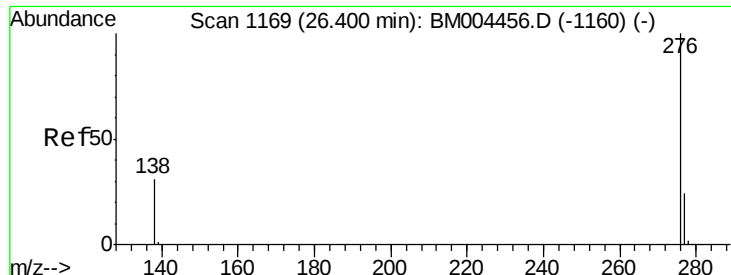


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Benzo(g,h,i)perylene

Concen: 2.03 ng

RT: 26.39 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BM004457.D

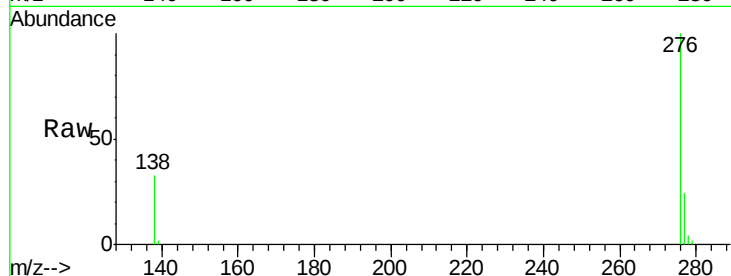
Acq: 28 Feb 2016 19:07

Instrument :

BNA\_M

ClientSampleId :

SSTDICC002



Tgt Ion: 276 Resp: 25880

Ion Ratio Lower Upper

276 100

277 24.1 20.4 30.6

138 33.2 26.4 39.6

