

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE020215\  
 Data File : BE089458.D  
 Acq On : 2 Feb 2015 16:31  
 Operator : TP/IZ  
 Sample : SSTDICCC001  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDICCC001

Quant Time: Feb 03 03:15:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIM-BE020215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 03 03:06:34 2015  
 Response via : Initial Calibration

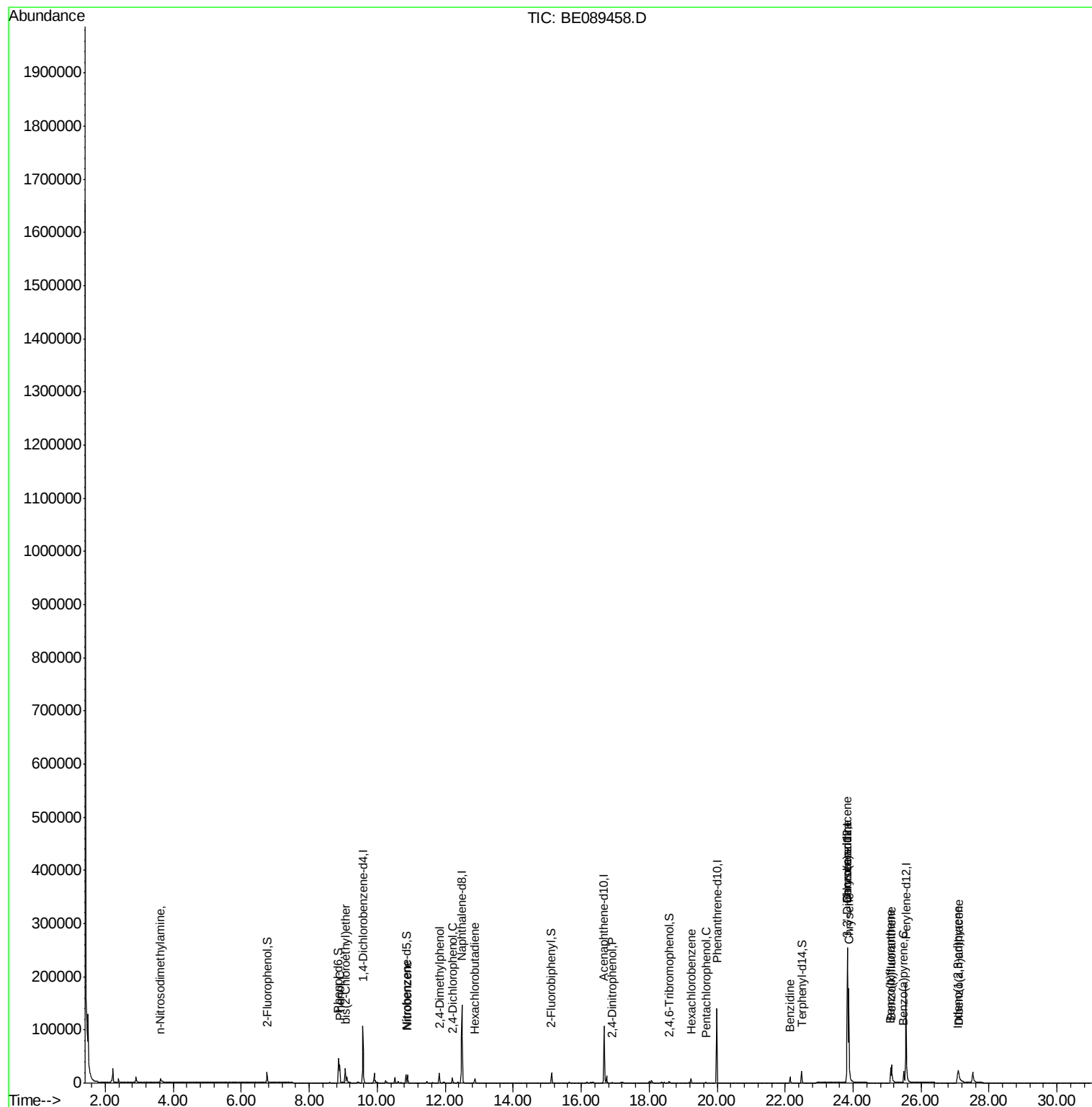
| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 9.58  | 152  | 43906    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8           | 12.49 | 136  | 166168   | 5.00 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 16.68 | 164  | 67628    | 5.00 | ng    | 0.00     |
| 17) Phenanthrene-d10        | 19.99 | 188  | 132399   | 5.00 | ng    | 0.00     |
| 20) Chrysene-d12            | 23.84 | 240  | 168407   | 5.00 | ng    | 0.00     |
| 27) Perylene-d12            | 25.56 | 264  | 180643   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |      |       |          |
| 3) 2-Fluorophenol           | 6.76  | 112  | 14110    | 0.92 | ng    | 0.00     |
| 4) Phenol-d6                | 8.87  | 99   | 16977    | 0.92 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 10.85 | 82   | 11794    | 0.88 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 18.59 | 330  | 1774     | 0.78 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 15.13 | 172  | 17940    | 0.96 | ng    | 0.00     |
| 22) Terphenyl-d14           | 22.48 | 244  | 20860    | 0.99 | ng    | 0.00     |
| Target Compounds            |       |      |          |      |       | Qvalue   |
| 2) n-Nitrosodimethylamine   | 3.61  | 42   | 7437     | 0.94 | ng    | 100      |
| 5) Phenol                   | 8.90  | 94   | 18430    | 0.92 | ng    | 100      |
| 6) bis(2-Chloroethyl)ether  | 9.06  | 93   | 13200    | 0.89 | ng    | # 100    |
| 9) Nitrobenzene             | 10.89 | 77   | 13760    | 0.89 | ng    | 100      |
| 10) 2,4-Dimethylphenol      | 11.83 | 122  | 9801     | 0.89 | ng    | 100      |
| 11) 2,4-Dichlorophenol      | 12.21 | 162  | 7407     | 0.92 | ng    | 100      |
| 12) Hexachlorobutadiene     | 12.87 | 225  | 5033     | 0.92 | ng    | 100      |
| 16) 2,4-Dinitrophenol       | 16.91 | 184  | 423      | 0.49 | ng    | 100      |
| 18) Hexachlorobenzene       | 19.23 | 284  | 6595     | 0.93 | ng    | 100      |
| 19) Pentachlorophenol       | 19.67 | 266  | 639      | 0.52 | ng    | 100      |
| 21) Benzidine               | 22.15 | 184  | 13122    | 1.14 | ng    | 100      |
| 23) Benzo(a)anthracene      | 23.83 | 228  | 138201   | 1.05 | ng    | 100      |
| 24) 3,3'-Dichlorobenzidine  | 23.82 | 252  | 11902    | 1.21 | ng    | 100      |
| 25) Chrysene                | 23.87 | 228  | 159780   | 0.93 | ng    | 100      |
| 26) Indeno(1,2,3-cd)pyrene  | 27.07 | 276  | 43530    | 1.60 | ng    | 100      |
| 28) Benzo(b)fluoranthene    | 25.10 | 252  | 25746    | 1.58 | ng    | 100      |
| 29) Benzo(k)fluoranthene    | 25.13 | 252  | 48146    | 0.98 | ng    | 100      |
| 30) Benzo(a)pyrene          | 25.49 | 252  | 29000    | 1.32 | ng    | 100      |
| 31) Dibenzo(a,h)anthracene  | 27.10 | 278  | 35094    | 1.63 | ng    | 100      |

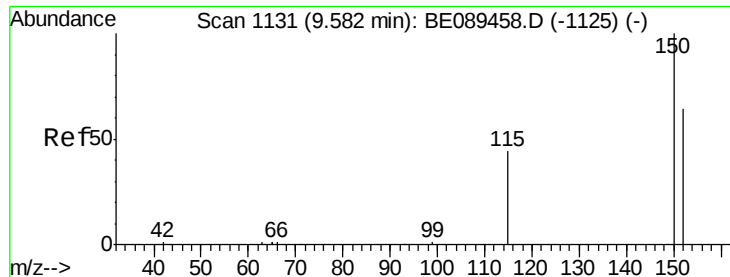
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE020215\  
Data File : BE089458.D  
Acq On : 2 Feb 2015 16:31  
Operator : TP/IZ  
Sample : SSTDICCC001  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTDICCC001

Quant Time: Feb 03 03:15:31 2015  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIM-BE020215.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Feb 03 03:06:34 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.58 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

Instrument :

BNA\_E

LabSampleId :

SSTDICCC001

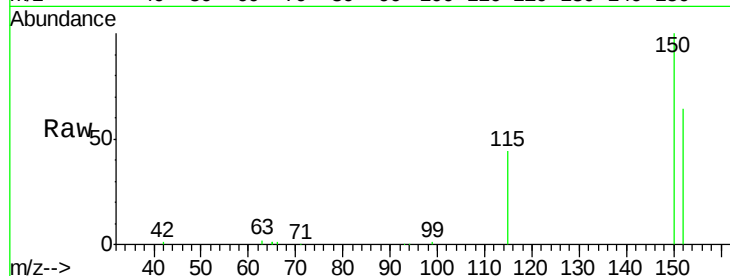
Tgt Ion:152 Resp: 43906

Ion Ratio Lower Upper

152 100

150 155.7 124.6 186.8

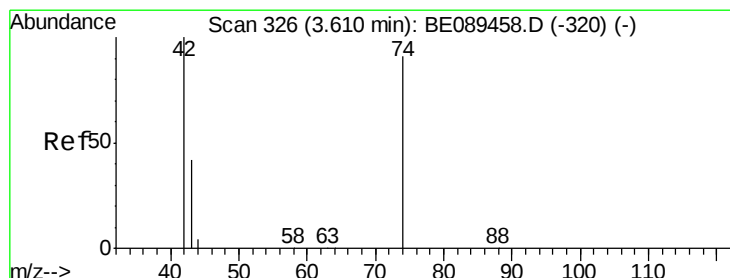
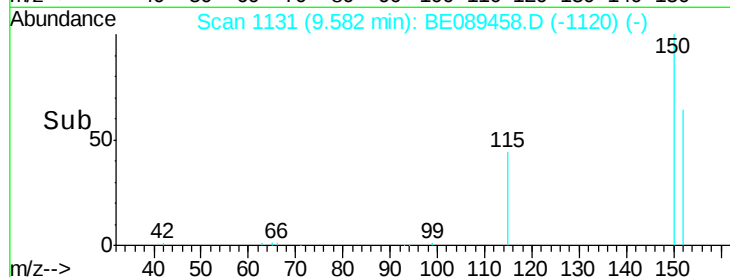
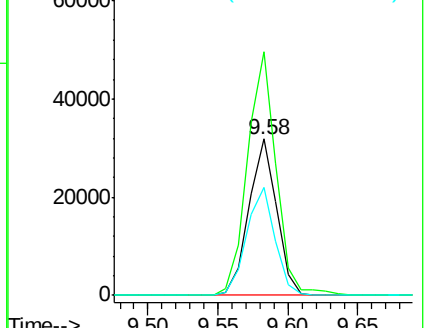
115 69.2 55.4 83.0



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

n-Nitrosodimethylamine

Concen: 0.94 ng

RT: 3.61 min Scan# 326

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

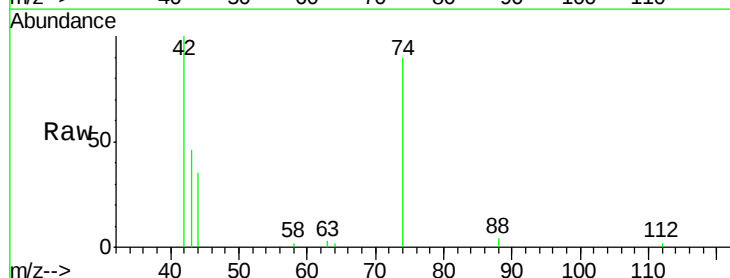
Tgt Ion: 42 Resp: 7437

Ion Ratio Lower Upper

42 100

74 90.1 72.1 108.1

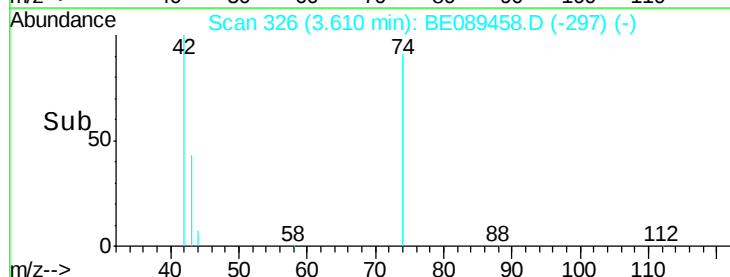
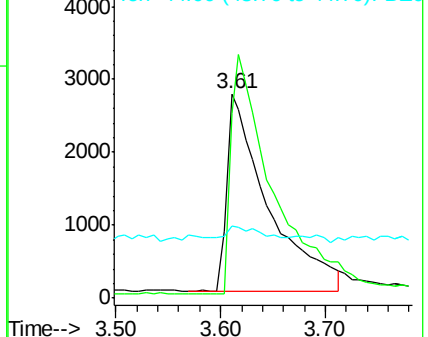
44 35.0 28.0 42.0

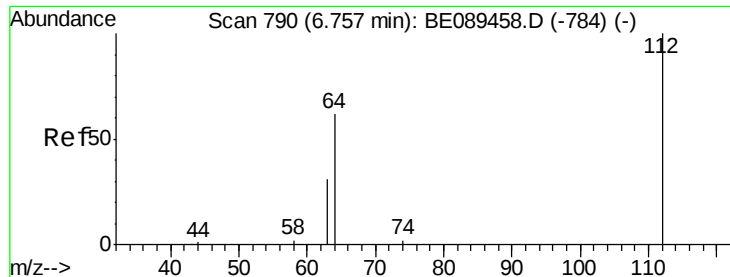


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

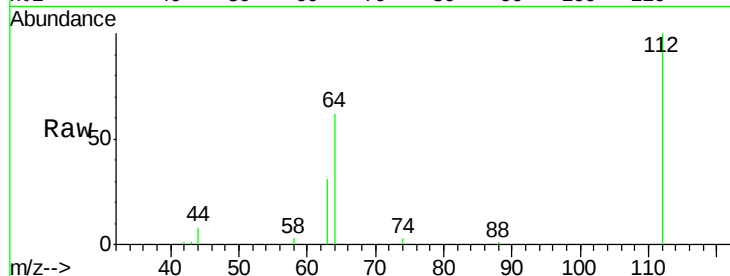




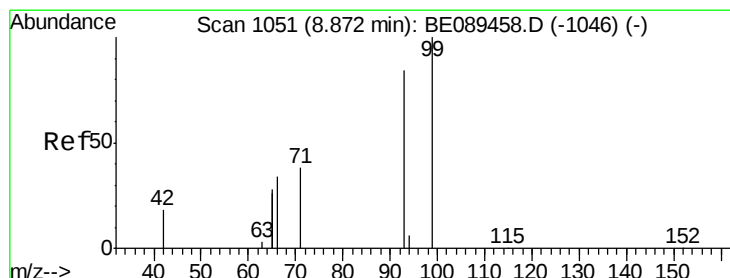
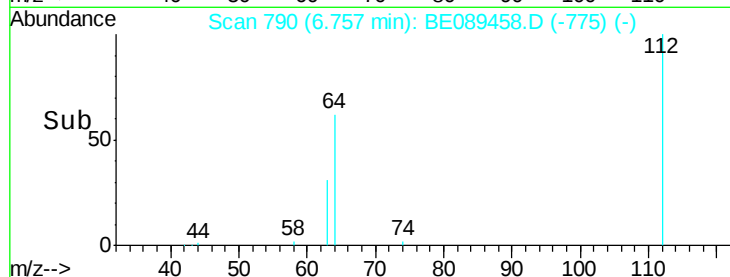
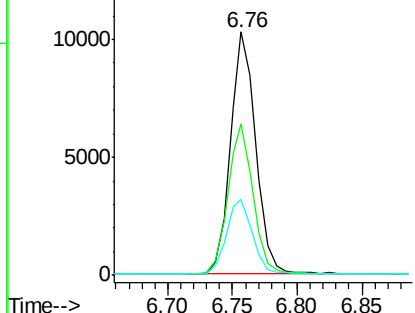
#3  
 2-Fluorophenol  
 Concen: 0.92 ng  
 RT: 6.76 min Scan# 790  
 Delta R.T. 0.00 min  
 Lab File: BE089458.D  
 Acq: 2 Feb 2015 16:31

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDICC001

Tgt Ion: 112 Resp: 14110  
 Ion Ratio Lower Upper  
 112 100  
 64 62.3 49.8 74.8  
 63 31.1 24.9 37.3

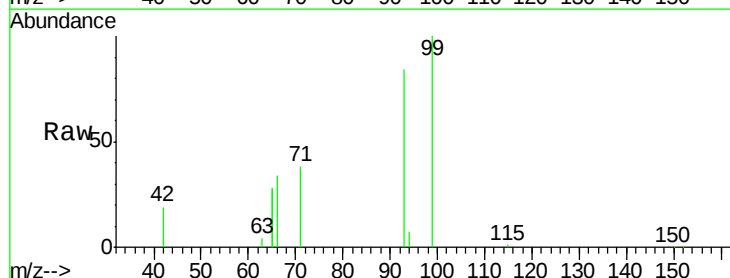


Abundance Ion 112.00 (111.70 to 112.70): BE0  
 Ion 64.00 (63.70 to 64.70): BE0  
 Ion 63.00 (62.70 to 63.70): BE0

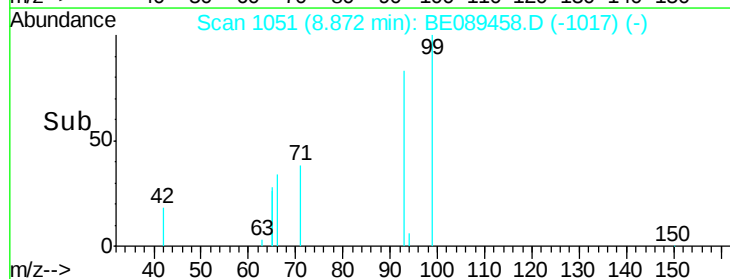
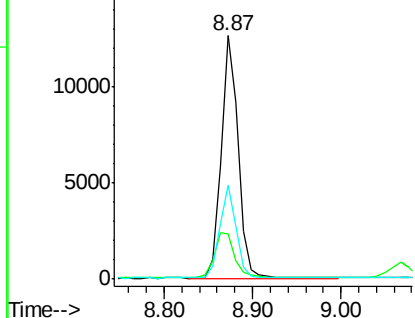


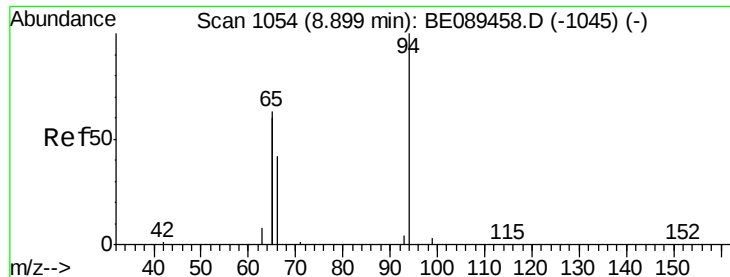
#4  
 Phenol-d6  
 Concen: 0.92 ng  
 RT: 8.87 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: BE089458.D  
 Acq: 2 Feb 2015 16:31

Tgt Ion: 99 Resp: 16977  
 Ion Ratio Lower Upper  
 99 100  
 42 18.7 15.0 22.4  
 71 38.3 30.6 46.0



Abundance Ion 99.00 (98.70 to 99.70): BE0  
 Ion 42.00 (41.70 to 42.70): BE0  
 Ion 71.00 (70.70 to 71.70): BE0





#5

Phenol

Concen: 0.92 ng

RT: 8.90 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

Instrument :

BNA\_E

LabSampleId :

SSTDICCC001

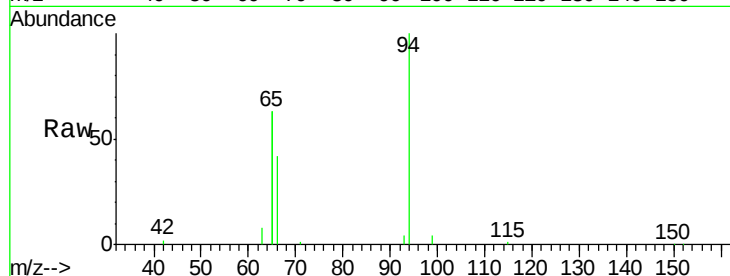
Tgt Ion: 94 Resp: 18430

Ion Ratio Lower Upper

94 100

65 125.0 105.0 145.0

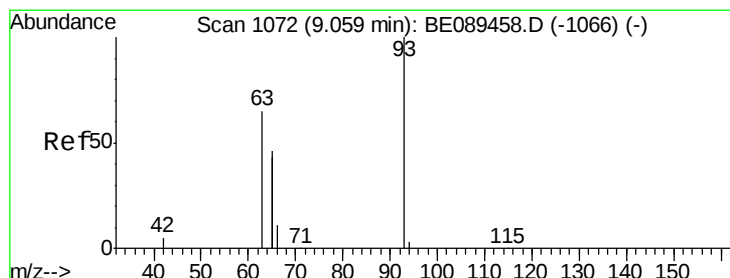
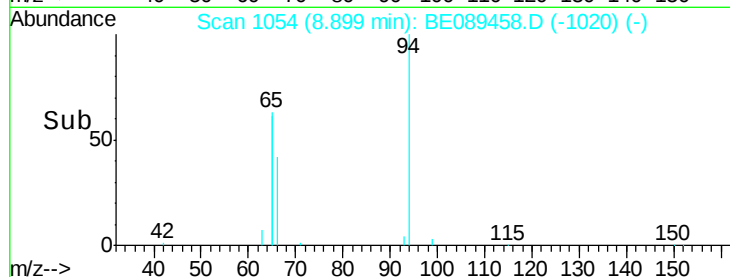
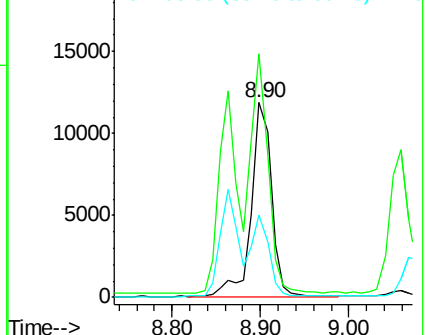
66 42.4 22.4 62.4



Abundance Ion 94.00 (93.70 to 94.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Ion 66.00 (65.70 to 66.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.89 ng

RT: 9.06 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

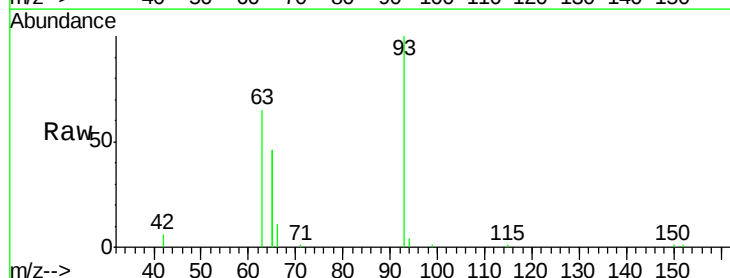
Tgt Ion: 93 Resp: 13200

Ion Ratio Lower Upper

93 100

63 74.0 59.2 88.8

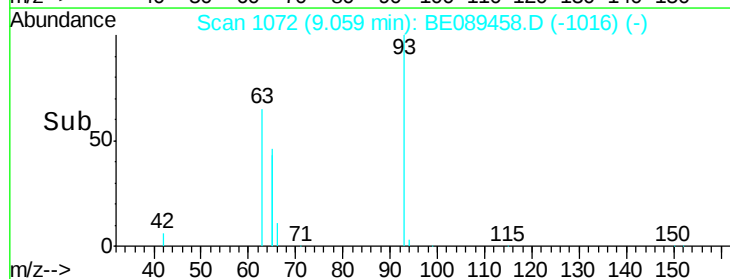
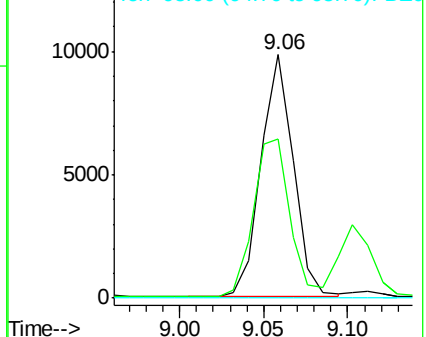
95 0.0 0.0 0.0

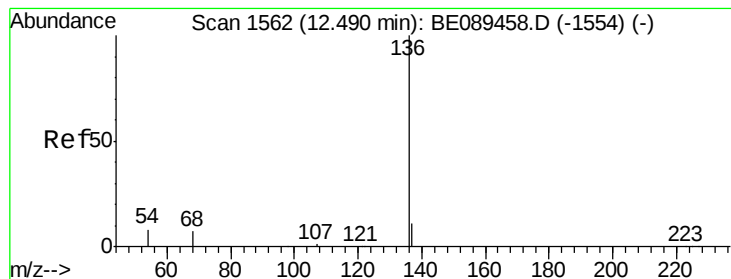


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.49 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

Instrument :

BNA\_E

LabSampleId :

SSTDICCC001

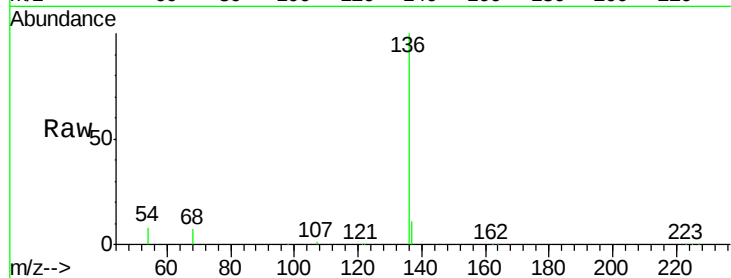
Tgt Ion: 136 Resp: 166168

Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

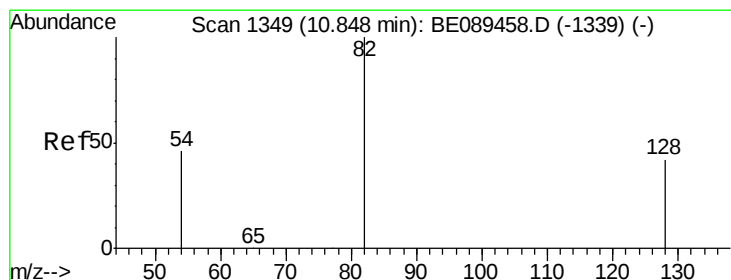
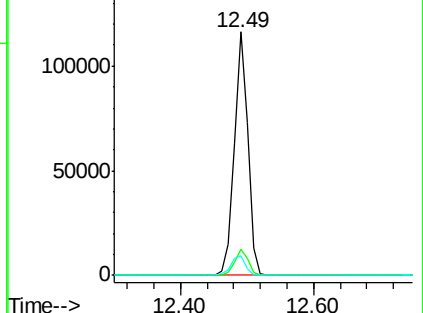
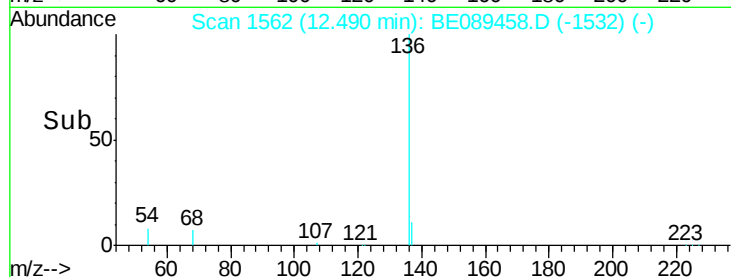
54 8.1 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BE089458.D (-1554) (-)

Ion 137.00 (136.70 to 137.70): BE089458.D (-1554) (-)

Ion 54.00 (53.70 to 54.70): BE089458.D (-1554) (-)



#8

Nitrobenzene-d5

Concen: 0.88 ng

RT: 10.85 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

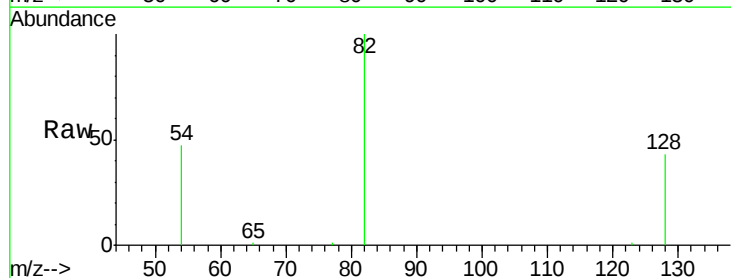
Tgt Ion: 82 Resp: 11794

Ion Ratio Lower Upper

82 100

128 42.7 34.2 51.2

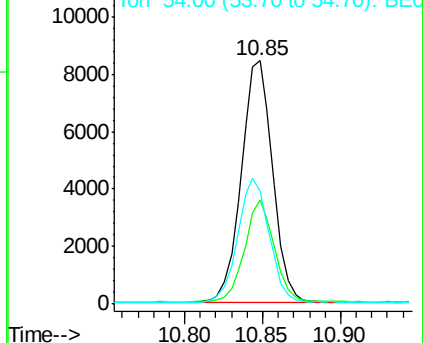
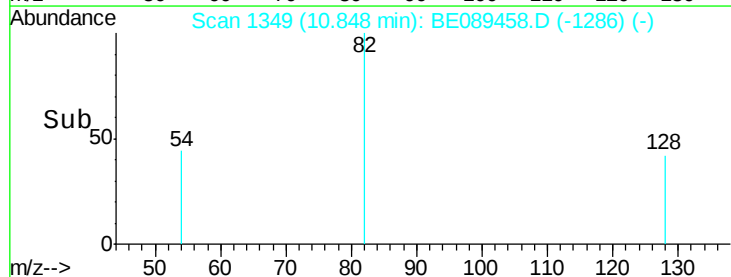
54 46.6 37.3 55.9

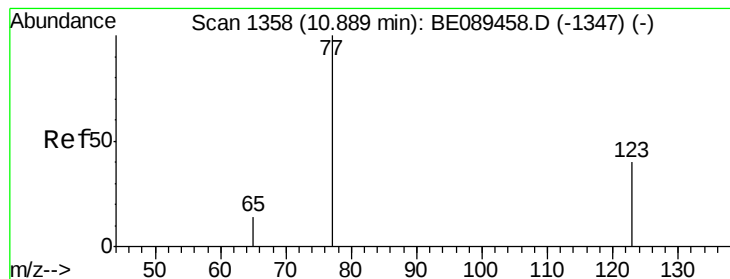


Abundance Ion 82.00 (81.70 to 82.70): BE089458.D (-1339) (-)

Ion 128.00 (127.70 to 128.70): BE089458.D (-1339) (-)

Ion 54.00 (53.70 to 54.70): BE089458.D (-1339) (-)





#9

Nitrobenzene

Concen: 0.89 ng

RT: 10.89 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

Instrument :

BNA\_E

LabSampleId :

SSTDICCC001

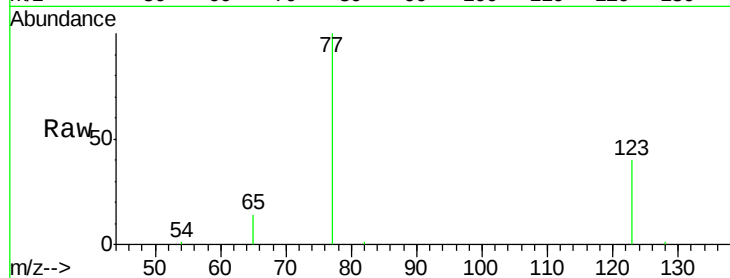
Tgt Ion: 77 Resp: 13760

Ion Ratio Lower Upper

77 100

123 42.0 33.6 50.4

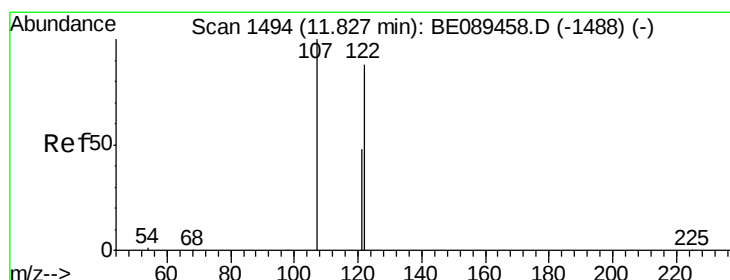
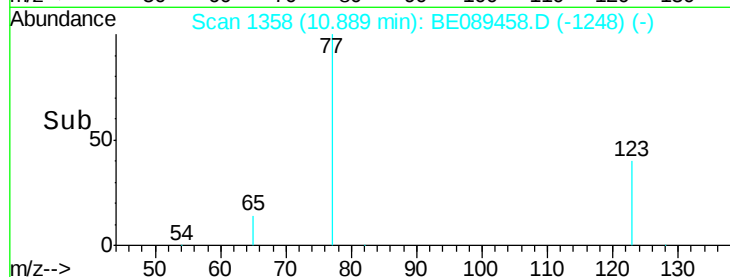
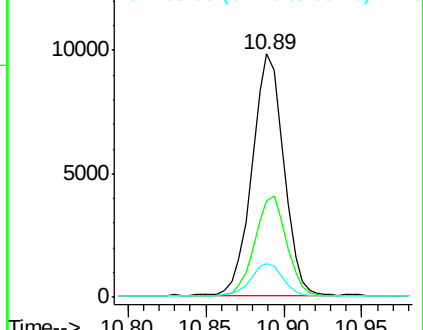
65 13.8 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#10

2,4-Dimethylphenol

Concen: 0.89 ng

RT: 11.83 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

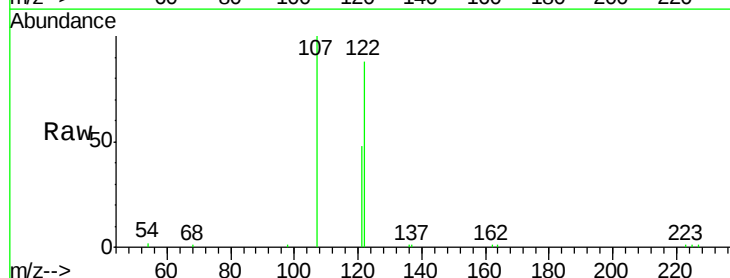
Tgt Ion: 122 Resp: 9801

Ion Ratio Lower Upper

122 100

107 113.3 90.6 136.0

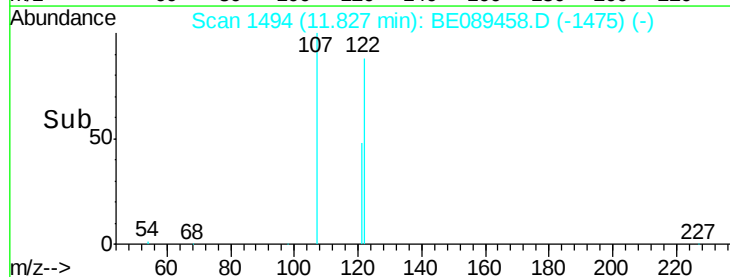
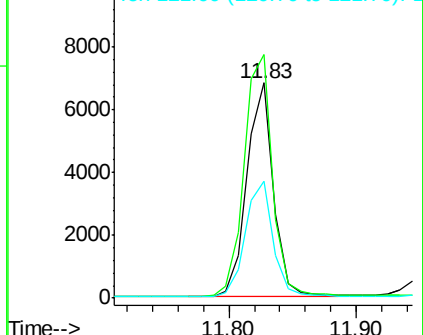
121 54.6 43.7 65.5

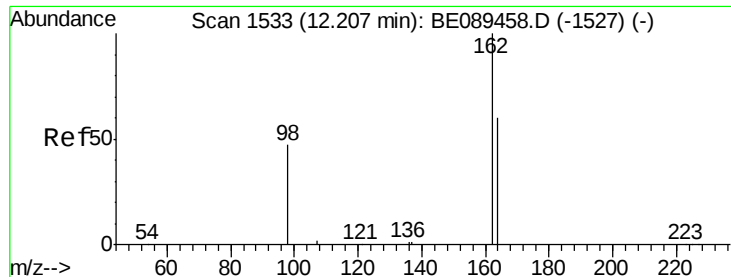


Abundance Ion 122.00 (121.70 to 122.70): BE0

Ion 107.00 (106.70 to 107.70): BE0

Ion 121.00 (120.70 to 121.70): BE0

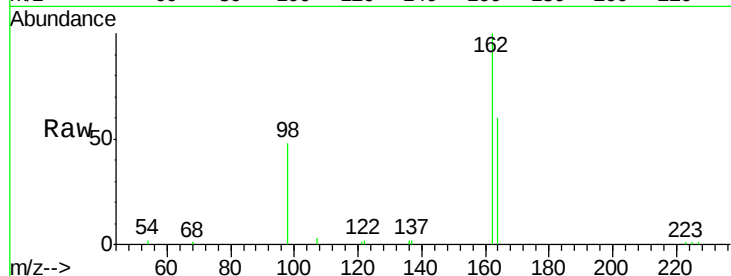




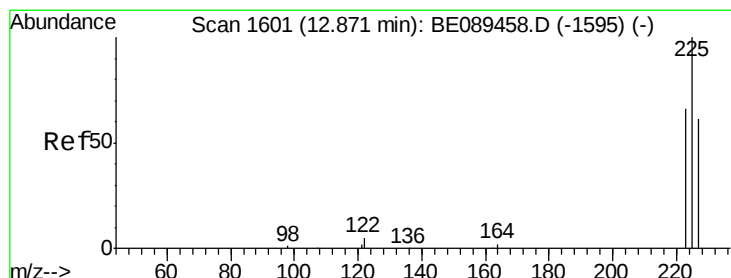
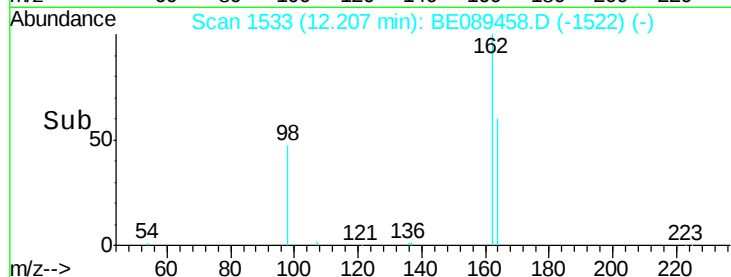
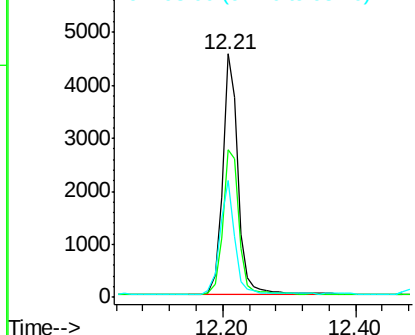
#11  
 2,4-Dichlorophenol  
 Concen: 0.92 ng  
 RT: 12.21 min Scan# 1533  
 Delta R.T. 0.00 min  
 Lab File: BE089458.D  
 Acq: 2 Feb 2015 16:31

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDICC001

Tgt Ion:162 Resp: 7407  
 Ion Ratio Lower Upper  
 162 100  
 164 60.5 40.5 80.5  
 98 48.1 28.1 68.1

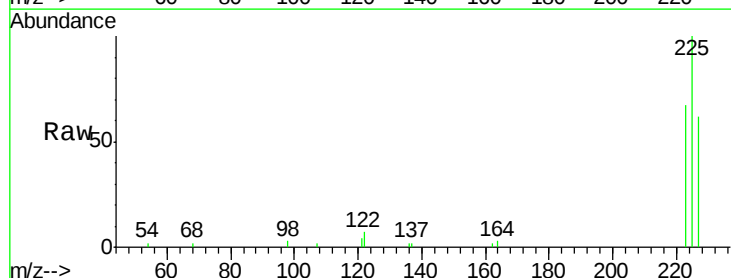


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): E

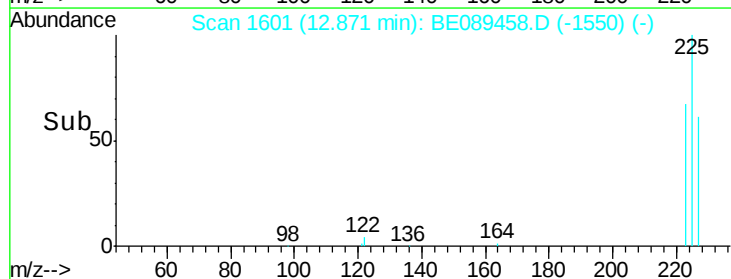
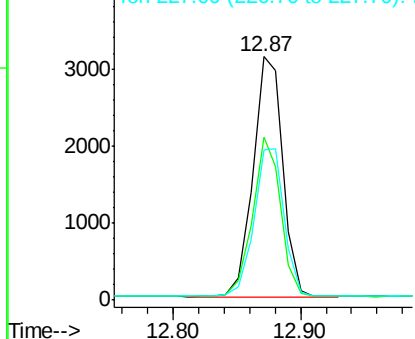


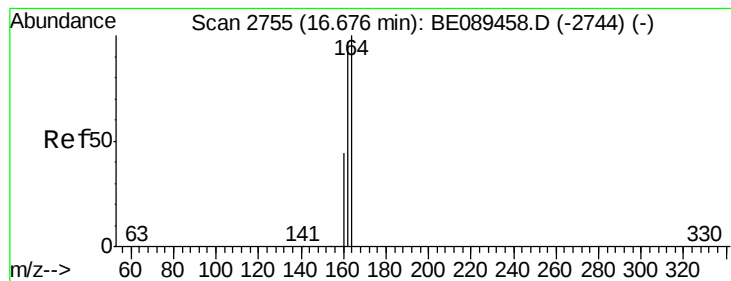
#12  
 Hexachlorobutadiene  
 Concen: 0.92 ng  
 RT: 12.87 min Scan# 1601  
 Delta R.T. 0.00 min  
 Lab File: BE089458.D  
 Acq: 2 Feb 2015 16:31

Tgt Ion:225 Resp: 5033  
 Ion Ratio Lower Upper  
 225 100  
 223 62.7 50.2 75.2  
 227 62.4 49.9 74.9



Abundance Ion 225.00 (224.70 to 225.70): E  
 Ion 223.00 (222.70 to 223.70): E  
 Ion 227.00 (226.70 to 227.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.68 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

Instrument :

BNA\_E

LabSampleId :

SSTDICCC001

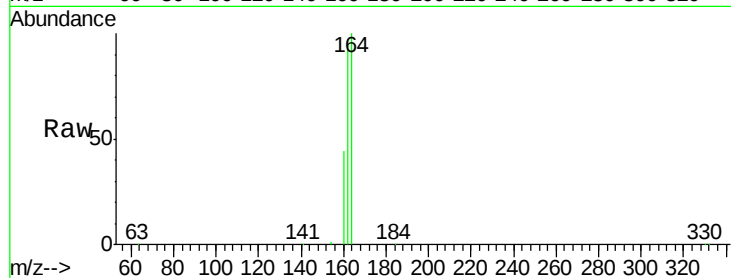
Tgt Ion:164 Resp: 67628

Ion Ratio Lower Upper

164 100

162 96.8 77.4 116.2

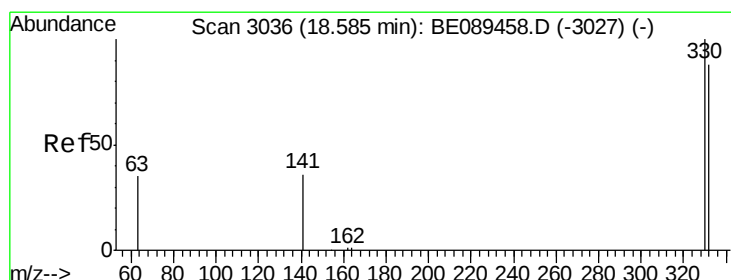
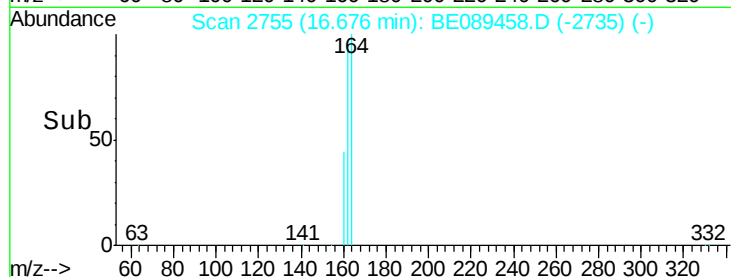
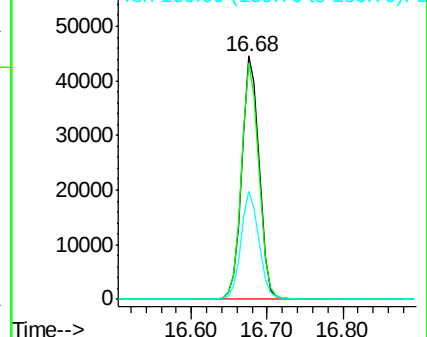
160 44.4 35.5 53.3



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: 0.78 ng

RT: 18.59 min Scan# 3036

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

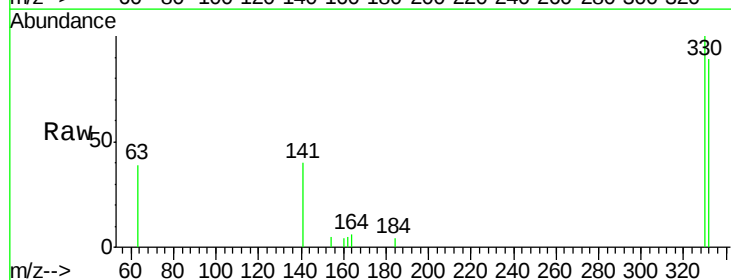
Tgt Ion:330 Resp: 1774

Ion Ratio Lower Upper

330 100

332 94.3 75.4 113.2

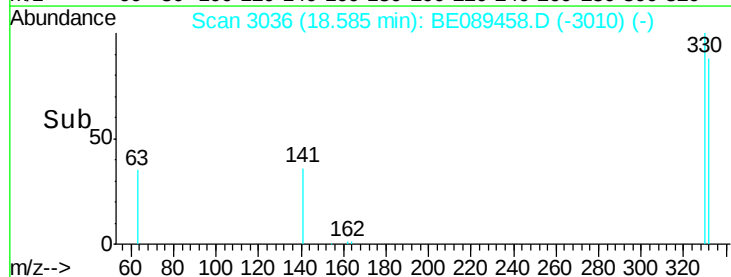
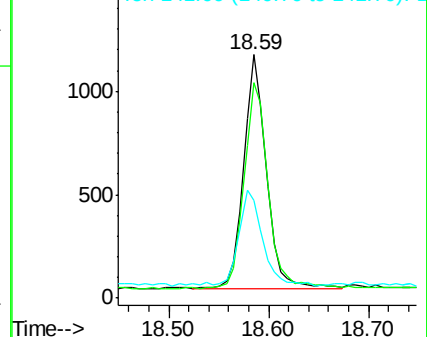
141 44.6 35.7 53.5

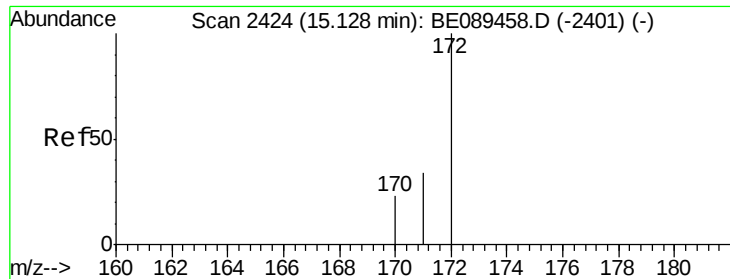


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

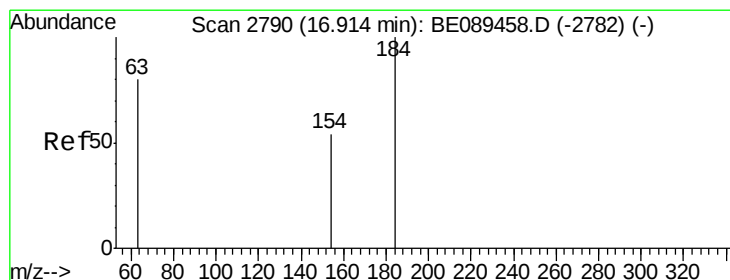
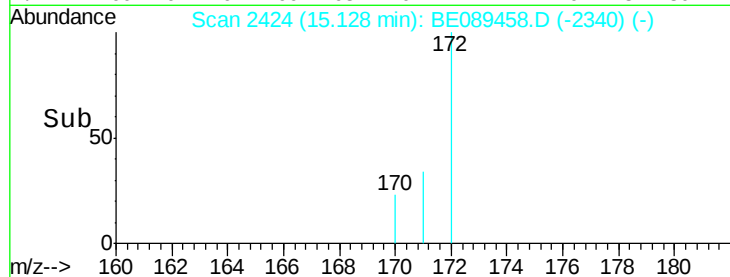
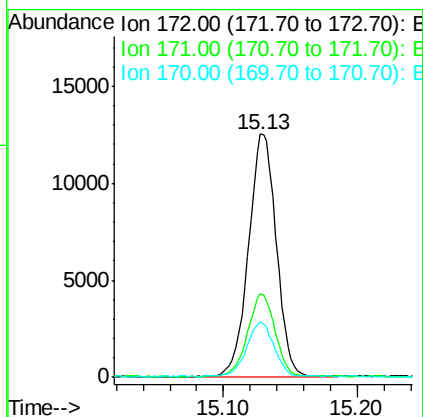
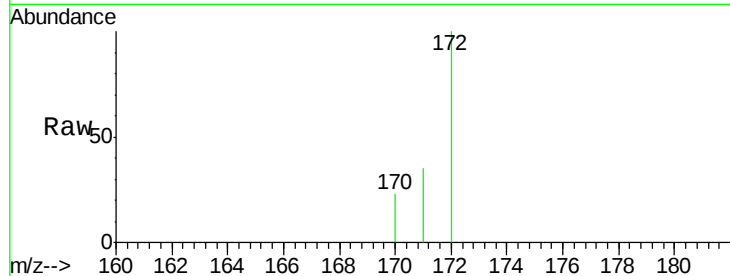




#15  
2-Fluorobiphenyl  
Concen: 0.96 ng  
RT: 15.13 min Scan# 2424  
Delta R.T. 0.00 min  
Lab File: BE089458.D  
Acq: 2 Feb 2015 16:31

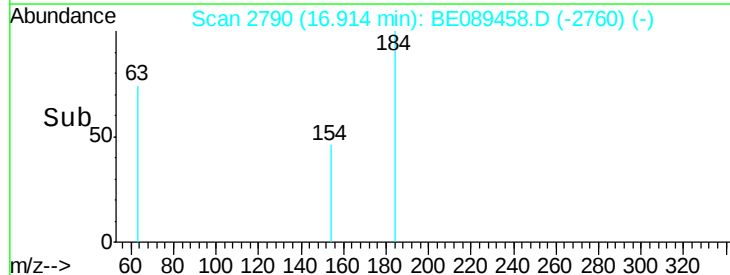
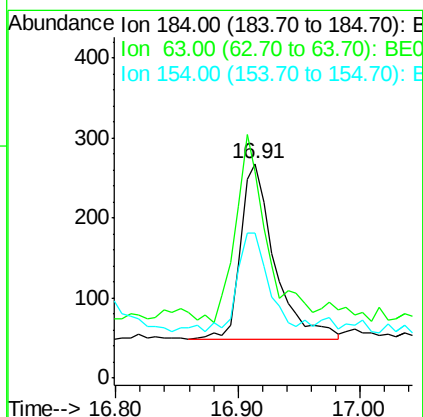
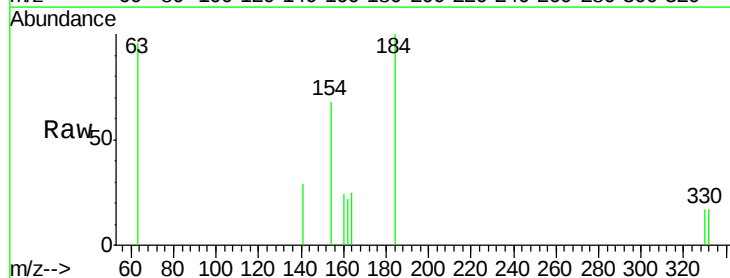
Instrument :  
BNA\_E  
LabSampleId :  
SSTDICCC001

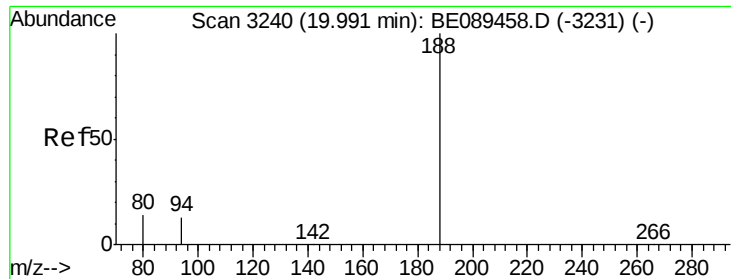
Tgt Ion:172 Resp: 17940  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.7 41.5  
170 22.9 18.3 27.5



#16  
2,4-Dinitrophenol  
Concen: 0.49 ng  
RT: 16.91 min Scan# 2790  
Delta R.T. 0.00 min  
Lab File: BE089458.D  
Acq: 2 Feb 2015 16:31

Tgt Ion:184 Resp: 423  
Ion Ratio Lower Upper  
184 100  
63 96.3 77.0 115.6  
154 67.5 54.0 81.0

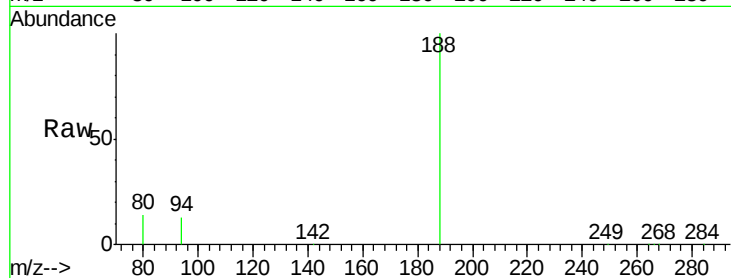




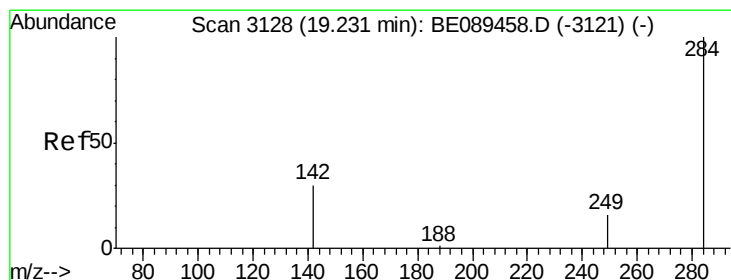
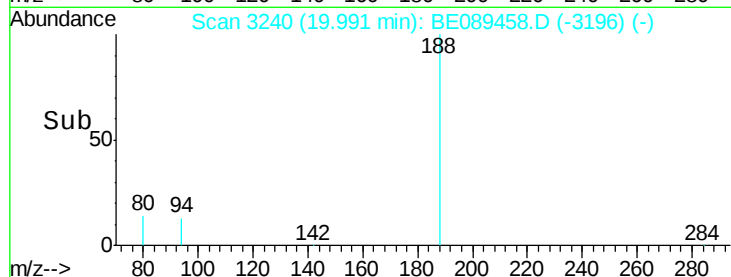
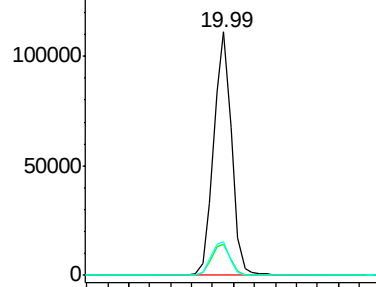
#17  
Phenanthrene-d10  
Concen: 5.00 ng  
RT: 19.99 min Scan# 3240  
Delta R.T. 0.00 min  
Lab File: BE089458.D  
Acq: 2 Feb 2015 16:31

Instrument :  
BNA\_E  
LabSampleId :  
SSTDICCC001

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 12.8  | 10.2  | 15.4  |
| 80      | 13.6  | 10.9  | 16.3  |

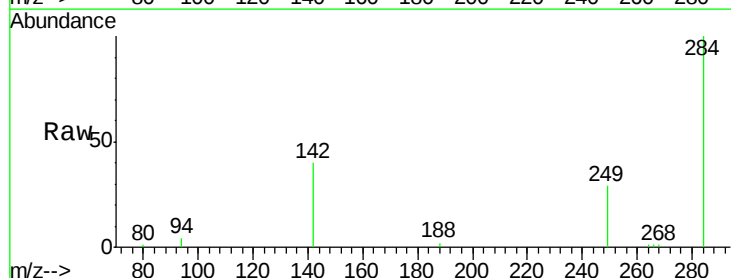


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BE0  
Ion 80.00 (79.70 to 80.70): BE0

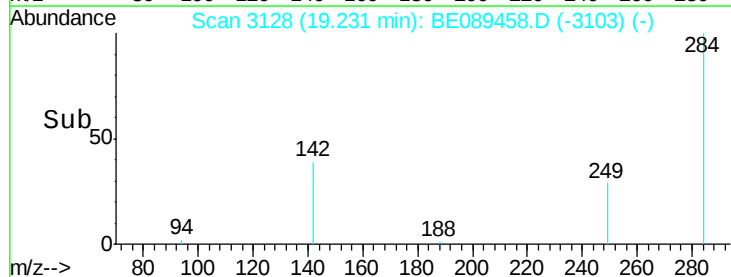
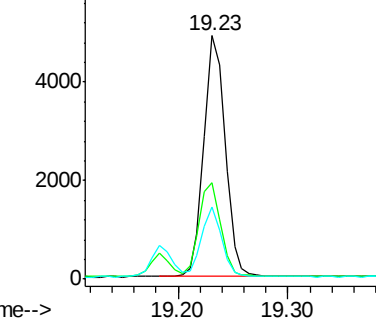


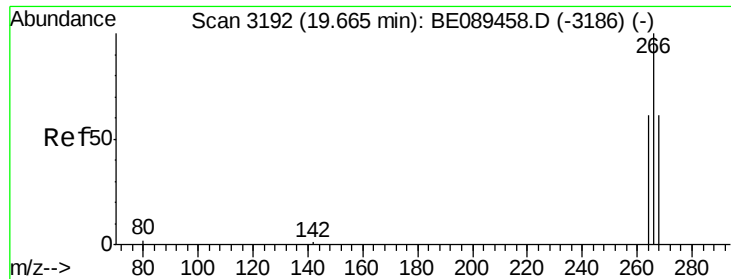
#18  
Hexachlorobenzene  
Concen: 0.93 ng  
RT: 19.23 min Scan# 3128  
Delta R.T. 0.00 min  
Lab File: BE089458.D  
Acq: 2 Feb 2015 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 39.8  | 31.8  | 47.8  |
| 249     | 29.4  | 23.5  | 35.3  |



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

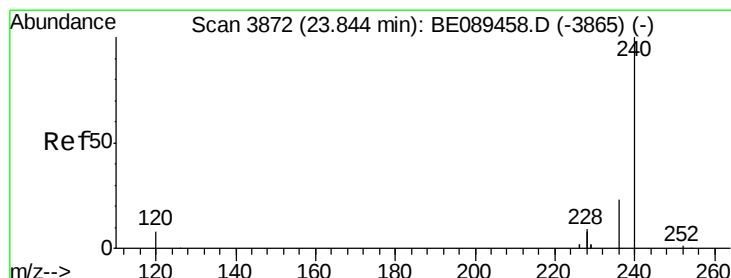
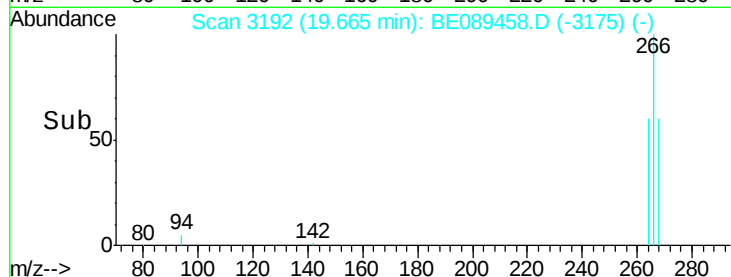
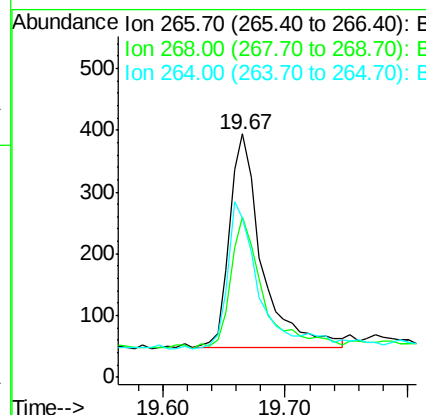
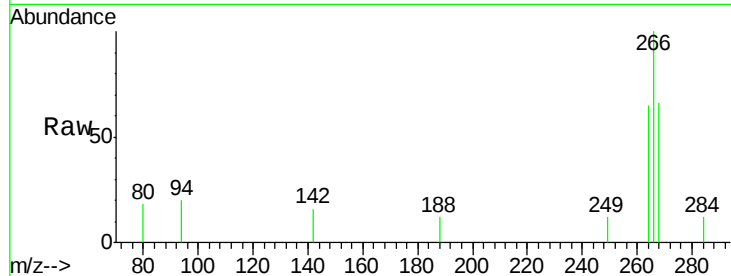




#19  
 Pentachlorophenol  
 Concen: 0.52 ng  
 RT: 19.67 min Scan# 3192  
 Delta R.T. 0.00 min  
 Lab File: BE089458.D  
 Acq: 2 Feb 2015 16:31

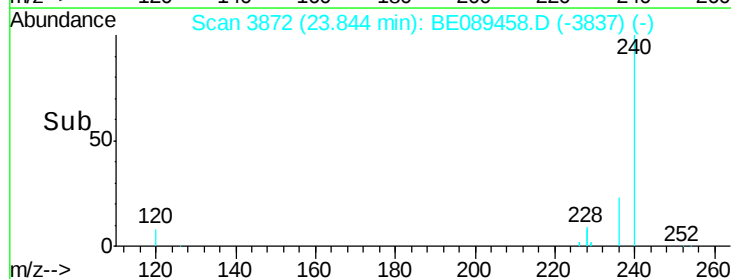
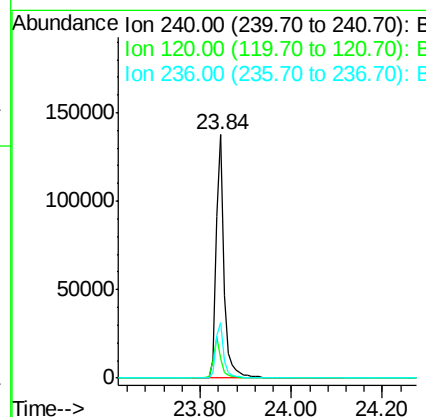
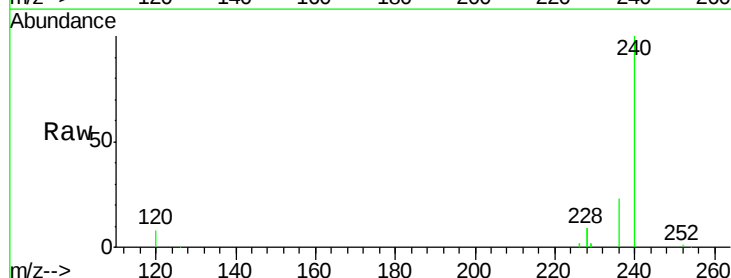
Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDICC001

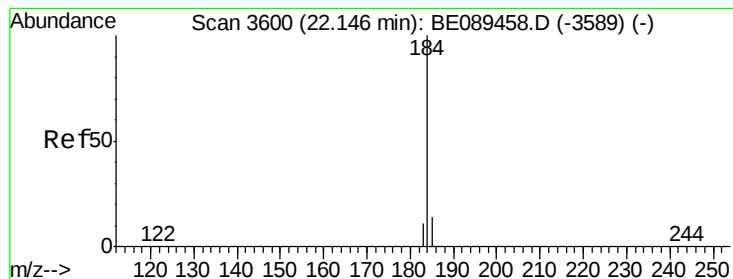
Tgt Ion: 266 Resp: 639  
 Ion Ratio Lower Upper  
 266 100  
 268 65.7 52.6 78.8  
 264 65.2 52.2 78.2



#20  
 Chrysene-d12  
 Concen: 5.00 ng  
 RT: 23.84 min Scan# 3872  
 Delta R.T. 0.00 min  
 Lab File: BE089458.D  
 Acq: 2 Feb 2015 16:31

Tgt Ion: 240 Resp: 168407  
 Ion Ratio Lower Upper  
 240 100  
 120 7.8 6.2 9.4  
 236 22.8 18.2 27.4





#21

Benzidine

Concen: 1.14 ng

RT: 22.15 min Scan# 3600

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

Instrument :

BNA\_E

LabSampleId :

SSTDICCC001

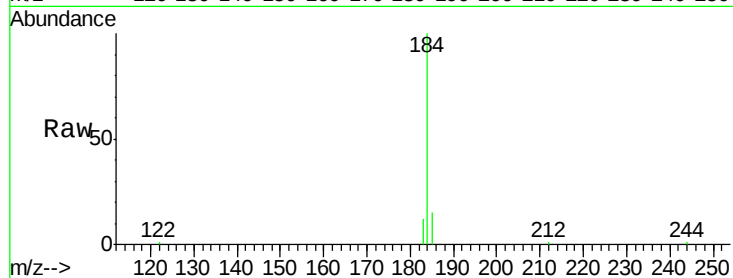
Tgt Ion:184 Resp: 13122

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

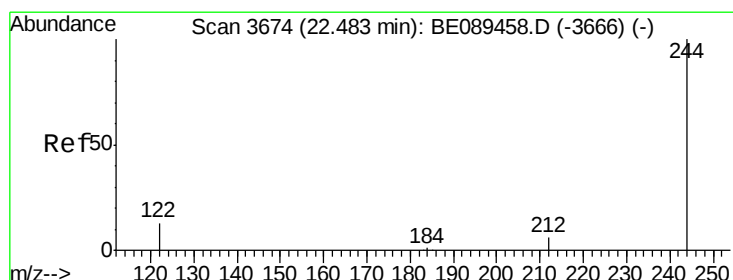
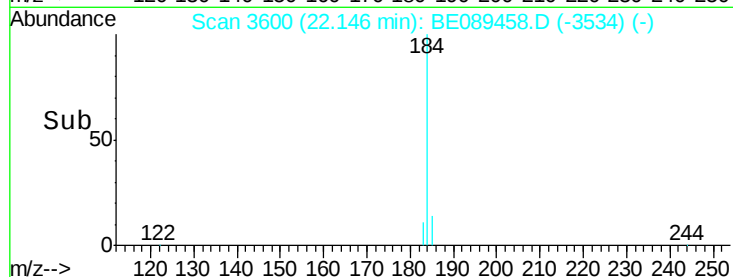
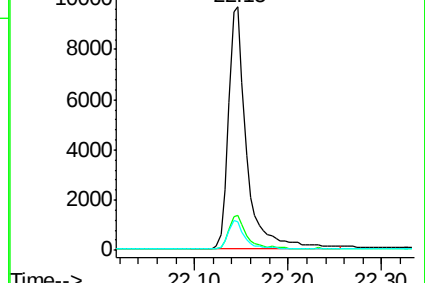
183 11.7 9.4 14.0



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



#22

Terphenyl-d14

Concen: 0.99 ng

RT: 22.48 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

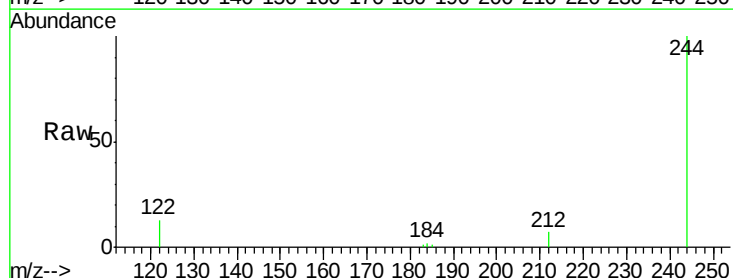
Tgt Ion:244 Resp: 20860

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

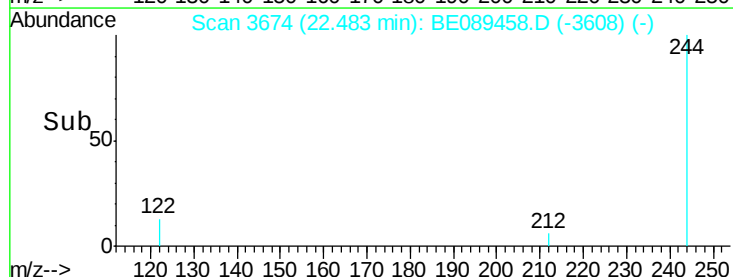
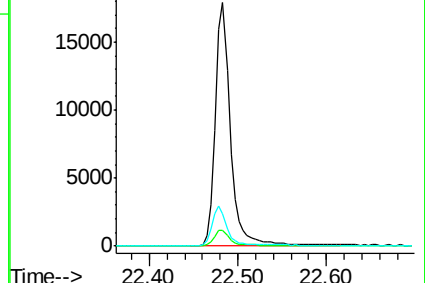
122 13.1 10.5 15.7

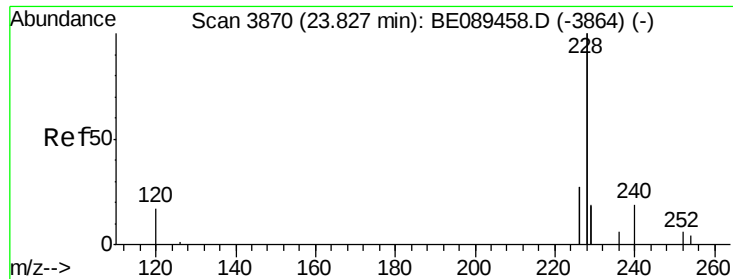


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

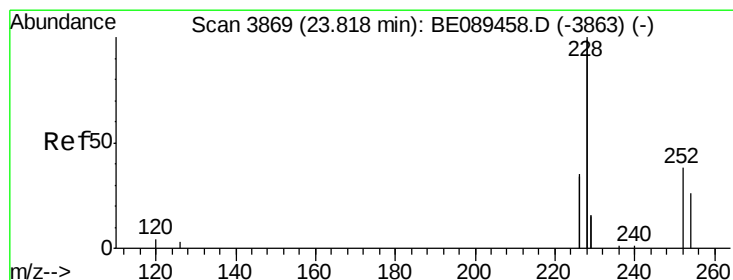
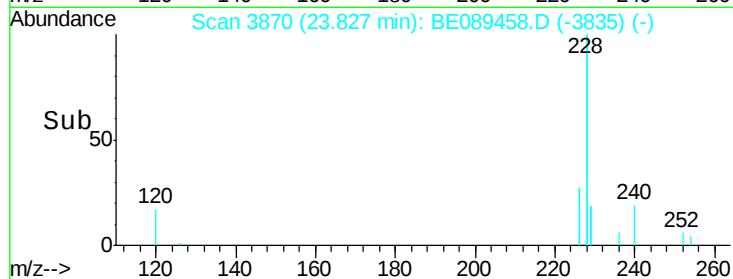
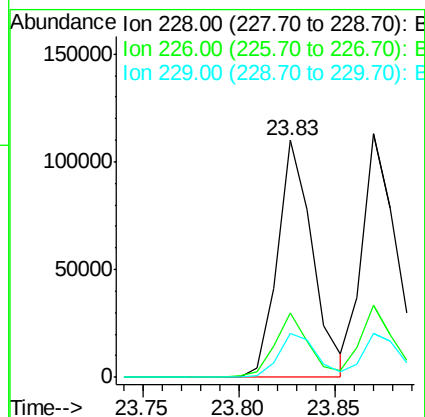
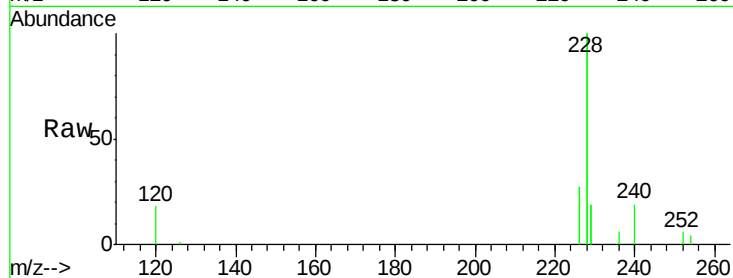




#23  
Benzo(a)anthracene  
Concen: 1.05 ng  
RT: 23.83 min Scan# 3870  
Delta R.T. 0.00 min  
Lab File: BE089458.D  
Acq: 2 Feb 2015 16:31

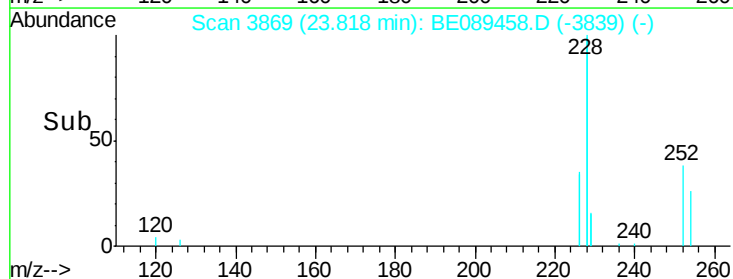
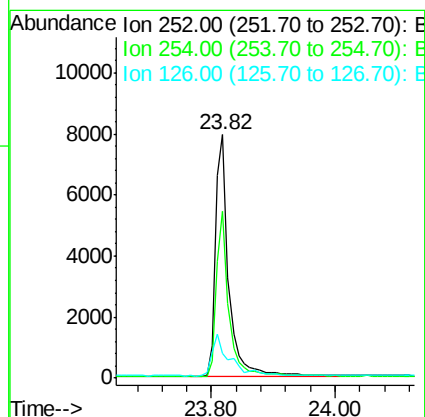
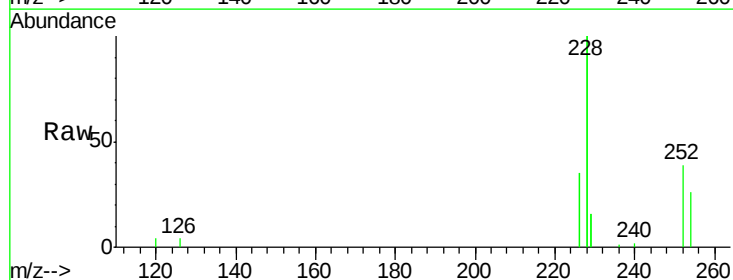
Instrument :  
BNA\_E  
LabSampleId :  
SSTDICCC001

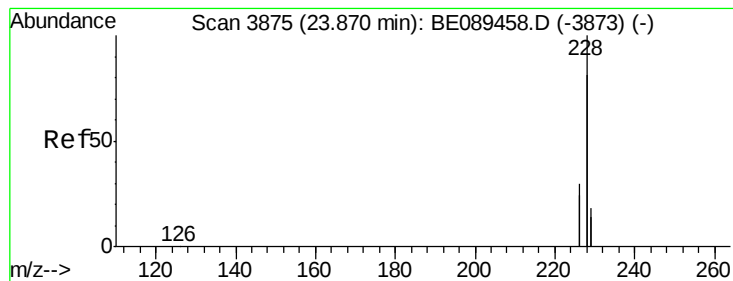
Tgt Ion:228 Resp: 138201  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.7 32.5  
229 18.5 14.8 22.2



#24  
3,3'-Dichlorobenzidine  
Concen: 1.21 ng  
RT: 23.82 min Scan# 3869  
Delta R.T. 0.00 min  
Lab File: BE089458.D  
Acq: 2 Feb 2015 16:31

Tgt Ion:252 Resp: 11902  
Ion Ratio Lower Upper  
252 100  
254 68.3 54.6 82.0  
126 10.0 8.0 12.0





#25

Chrysene

Concen: 0.93 ng

RT: 23.87 min Scan# 3875

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

Instrument :

BNA\_E

LabSampleId :

SSTDICCC001

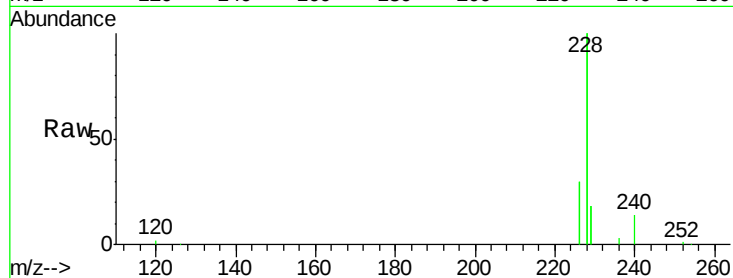
Tgt Ion:228 Resp: 159780

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

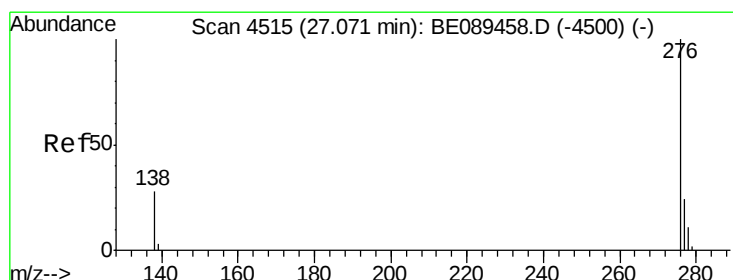
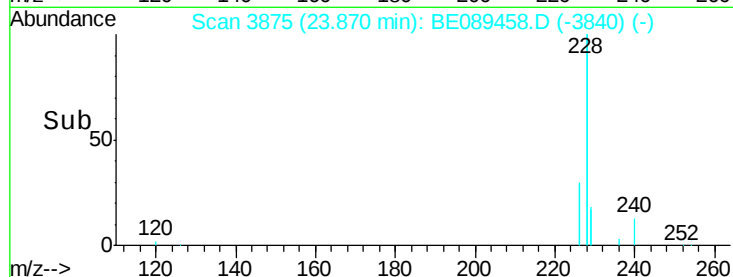
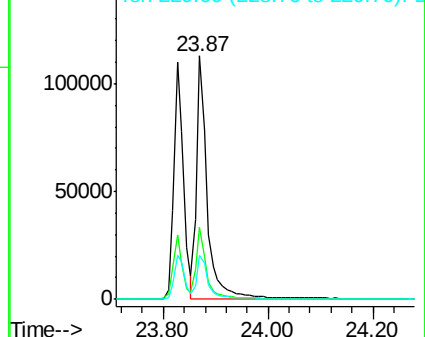
229 17.9 14.3 21.5



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 1.60 ng

RT: 27.07 min Scan# 4515

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

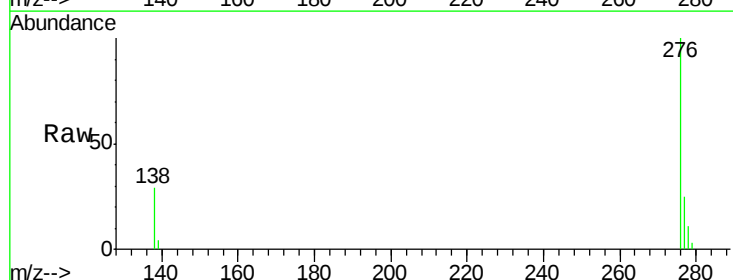
Tgt Ion:276 Resp: 43530

Ion Ratio Lower Upper

276 100

138 28.9 23.3 34.9

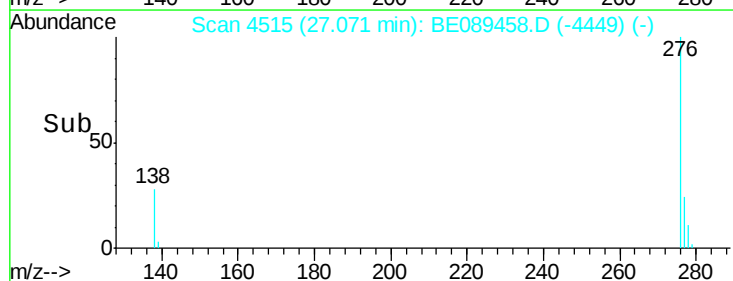
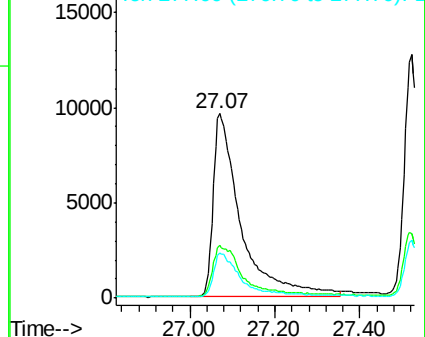
277 23.5 19.0 28.4

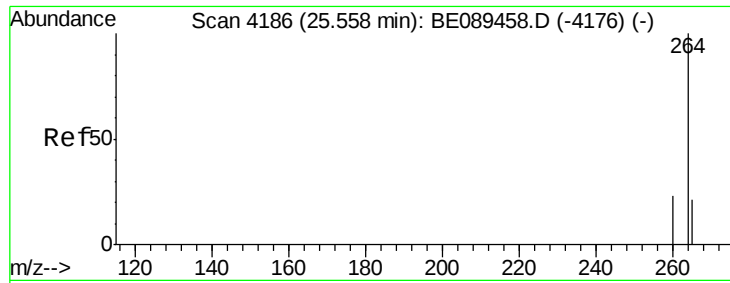


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

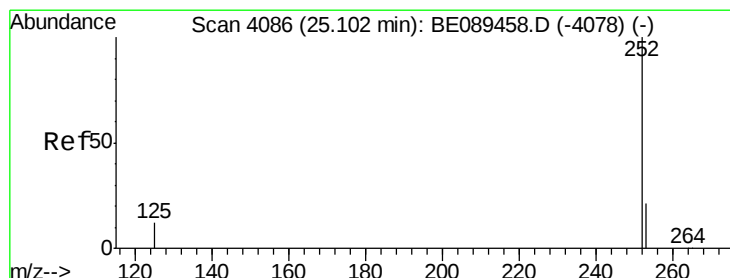
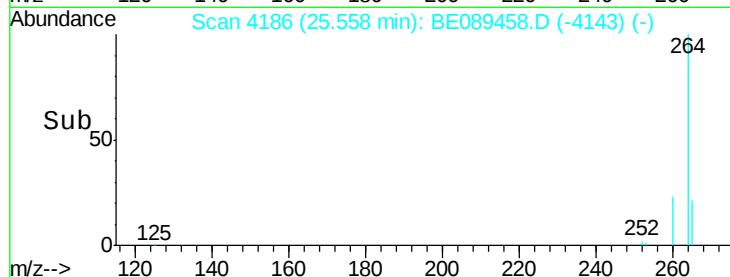
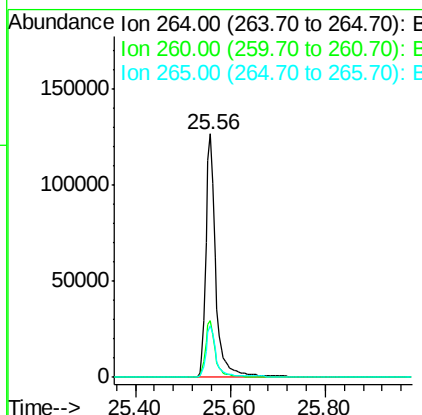
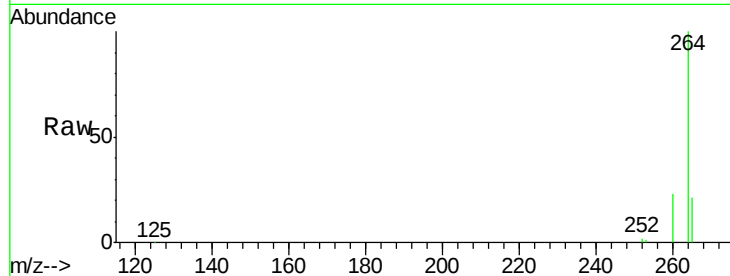




#27  
**Perylene-d12**  
 Concen: 5.00 ng  
 RT: 25.56 min Scan# 4186  
 Delta R.T. 0.00 min  
 Lab File: BE089458.D  
 Acq: 2 Feb 2015 16:31

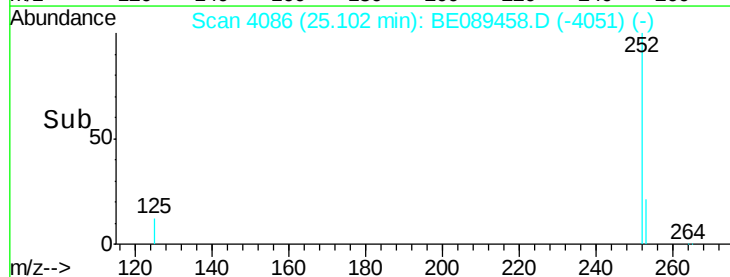
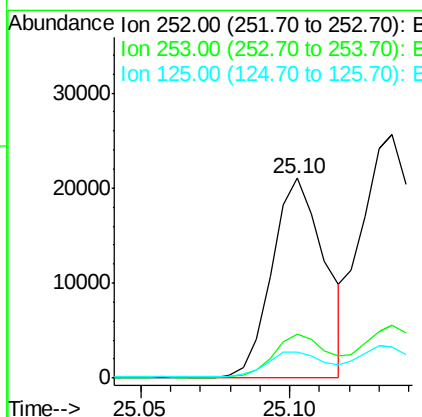
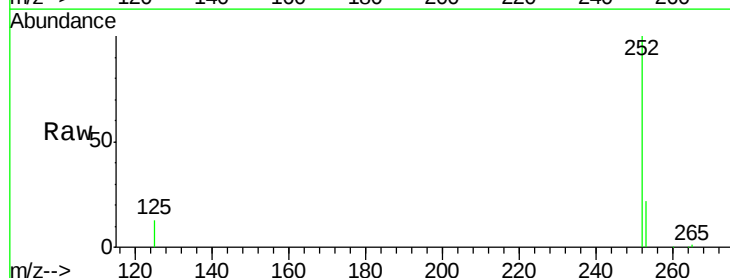
Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDICC001

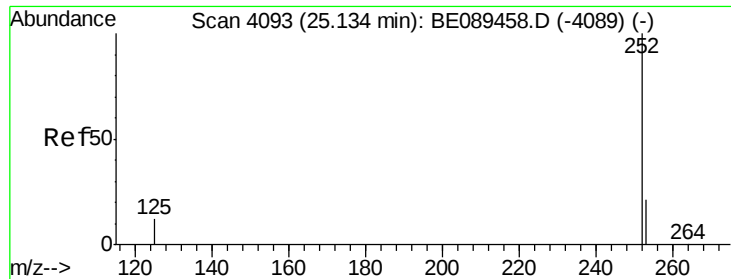
Tgt Ion: 264 Resp: 180643  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.7 28.1  
 265 21.3 17.0 25.6



#28  
**Benzo(b)fluoranthene**  
 Concen: 1.58 ng  
 RT: 25.10 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: BE089458.D  
 Acq: 2 Feb 2015 16:31

Tgt Ion: 252 Resp: 25746  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.4 26.0  
 125 13.0 10.4 15.6





#29

Benzo(k)fluoranthene

Concen: 0.98 ng

RT: 25.13 min Scan# 4093

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

Instrument :

BNA\_E

LabSampleId :

SSTDICCC001

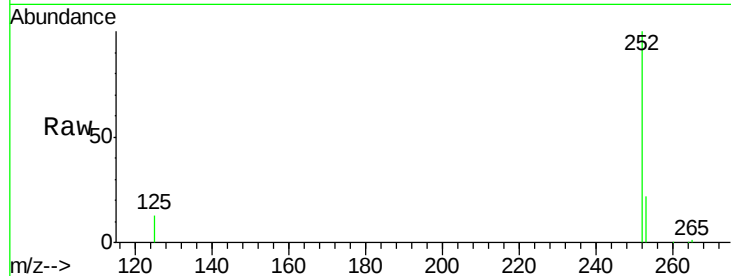
Tgt Ion:252 Resp: 48146

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

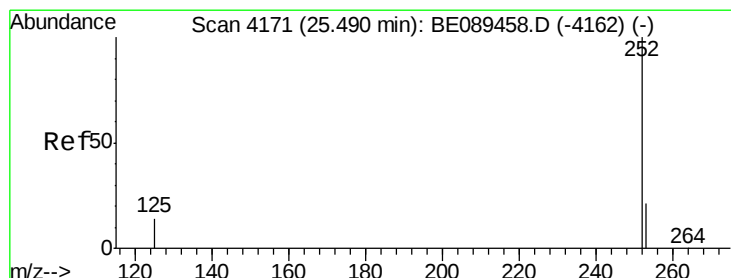
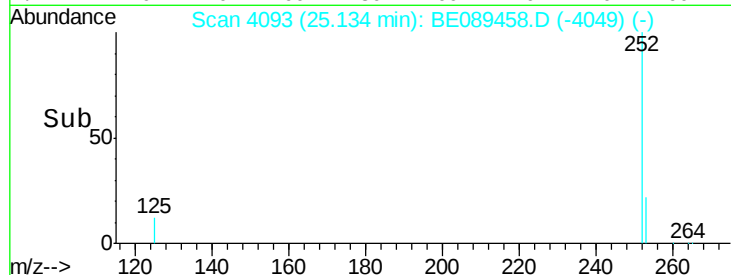
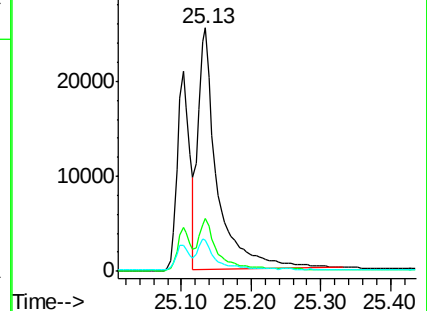
125 12.9 10.3 15.5



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(a)pyrene

Concen: 1.32 ng

RT: 25.49 min Scan# 4171

Delta R.T. 0.00 min

Lab File: BE089458.D

Acq: 2 Feb 2015 16:31

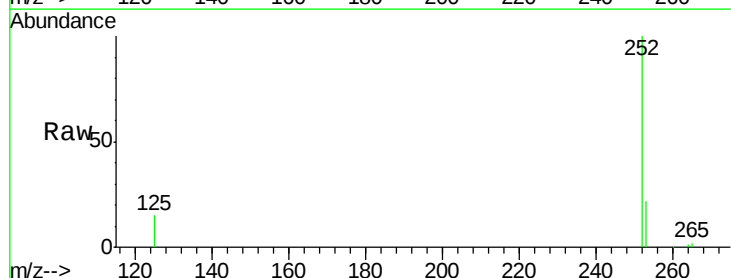
Tgt Ion:252 Resp: 29000

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

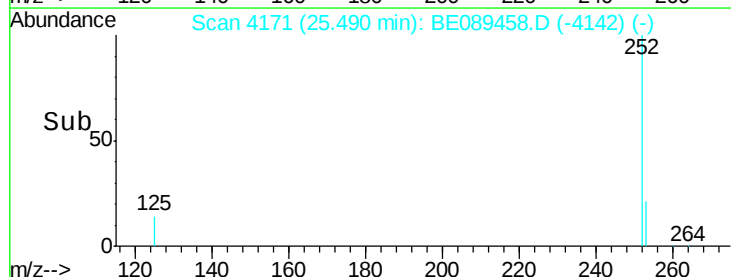
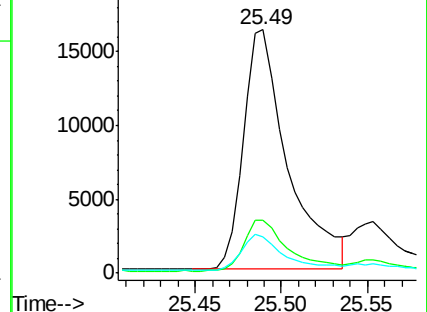
125 14.8 11.8 17.8

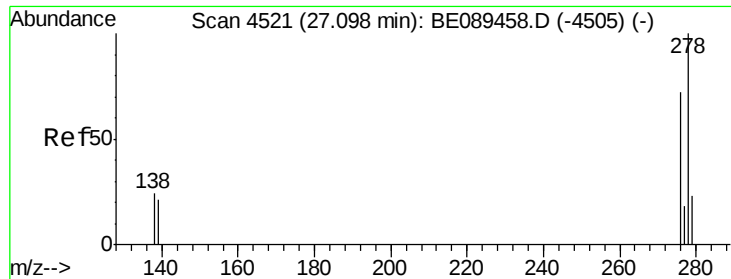


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Dibenzo(a,h)anthracene

Concen: 1.63 ng

RT: 27.10 min Scan# 4521

Delta R.T. 0.00 min

Lab File: BE089458.D

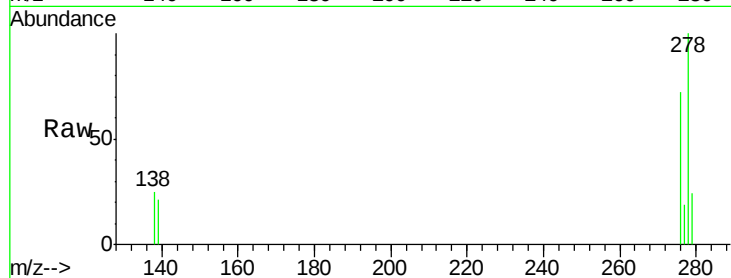
Acq: 2 Feb 2015 16:31

Instrument :

BNA\_E

LabSampleId :

SSTDICCC001



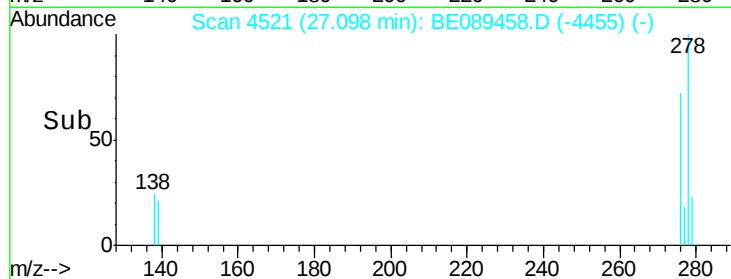
Tgt Ion: 278 Resp: 35094

Ion Ratio Lower Upper

278 100

139 21.4 17.1 25.7

279 23.5 18.8 28.2



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

