

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE042117\  
 Data File : BE092906.D  
 Acq On : 21 Apr 2017 12:55  
 Operator : SJ/MA  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Apr 22 05:51:08 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE042017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 20 17:35:10 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 645      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.53 | 136  | 2657     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.39 | 164  | 1194     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.13 | 188  | 3028     | 0.40 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.28 | 240  | 3026     | 0.40 | ng    | 0.00     |
| 33) Perylene-d12          | 23.69 | 264  | 2291     | 0.40 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.35  | 112 | 534  | 0.38 | ng | 0.00 |
| 5) Phenol-d6                | 6.95  | 99  | 741  | 0.38 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.90  | 82  | 677  | 0.38 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.13 | 152 | 1471 | 0.38 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.86 | 330 | 65   | 0.33 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.01 | 172 | 2122 | 0.39 | ng | 0.00 |
| 24) Fluoranthene-d10        | 19.15 | 212 | 2735 | 0.38 | ng | 0.00 |
| 28) Terphenyl-d14           | 19.74 | 244 | 1951 | 0.37 | ng | 0.00 |

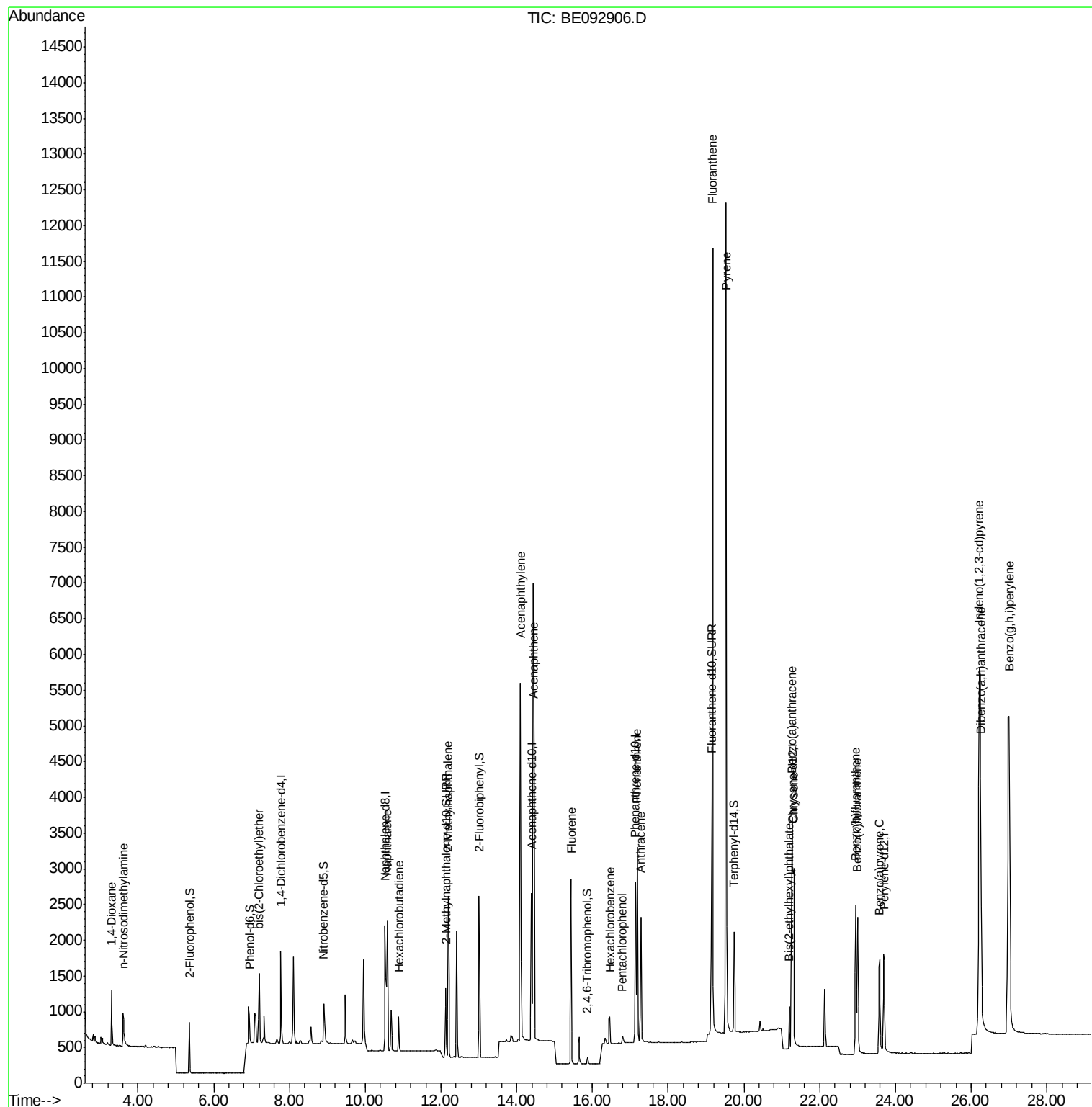
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.31  | 88  | 461   | 0.37   | ng | 98    |
| 3) n-Nitrosodimethylamine      | 3.61  | 42  | 346   | 0.37   | ng | # 84  |
| 6) bis(2-Chloroethyl)ether     | 7.20  | 93  | 886   | 0.37   | ng | 99    |
| 9) Naphthalene                 | 10.58 | 128 | 2685  | 0.38   | ng | # 87  |
| 10) Hexachlorobutadiene        | 10.89 | 225 | 370   | 0.38   | ng | 97    |
| 12) 2-Methylnaphthalene        | 12.19 | 142 | 1613  | 0.37   | ng | 95    |
| 16) Acenaphthylene             | 14.10 | 152 | 6764  | 0.35   | ng | 98    |
| 17) Acenaphthene               | 14.45 | 154 | 1412  | 0.37   | ng | 94    |
| 18) Fluorene                   | 15.44 | 166 | 1712  | 0.37   | ng | 98    |
| 20) Hexachlorobenzene          | 16.47 | 284 | 496   | 0.37   | ng | # 100 |
| 21) Pentachlorophenol          | 16.79 | 266 | 94    | 0.44   | ng | 86    |
| 22) Phenanthrene               | 17.18 | 178 | 3277  | 0.37   | ng | 98    |
| 23) Anthracene                 | 17.27 | 178 | 2383  | 0.36   | ng | 99    |
| 25) Fluoranthene               | 19.17 | 202 | 13978 | 0.37   | ng | # 98  |
| 27) Pyrene                     | 19.53 | 202 | 14442 | 0.37   | ng | # 100 |
| 29) Benzo(a)anthracene         | 21.27 | 228 | 2556  | 0.36   | ng | # 83  |
| 30) Chrysene                   | 21.32 | 228 | 3463  | 0.38   | ng | # 81  |
| 31) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 714   | 0.39   | ng | # 97  |
| 32) Indeno(1,2,3-cd)pyrene     | 26.22 | 276 | 11859 | 0.40   | ng | 100   |
| 34) Benzo(b)fluoranthene       | 22.95 | 252 | 2877  | 0.36   | ng | # 85  |
| 35) Benzo(k)fluoranthene       | 23.00 | 252 | 2887  | 0.35   | ng | # 82  |
| 36) Benzo(a)pyrene             | 23.59 | 252 | 2366  | 0.36   | ng | # 78  |
| 37) Dibenzo(a,h)anthracene     | 26.25 | 278 | 2652  | 0.37   | ng | # 79  |
| 38) Benzo(g,h,i)perylene       | 27.00 | 276 | 11360 | 0.36   | ng | # 81  |

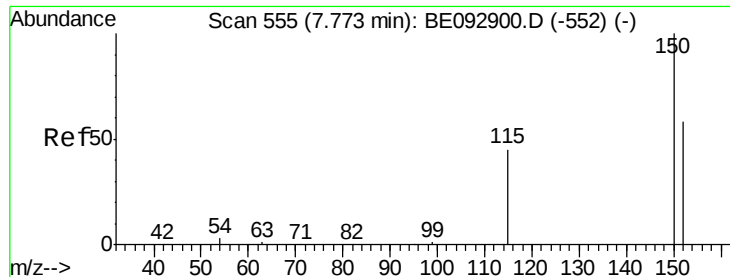
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 20 17:35:10 2017  
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

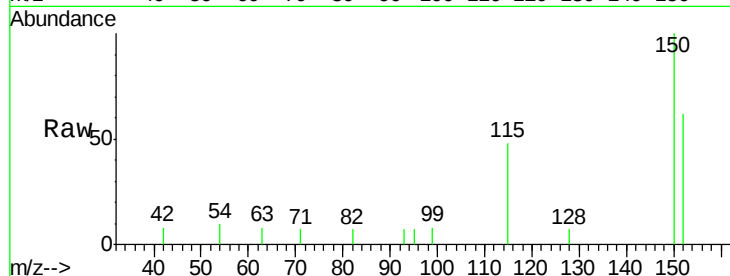
Tgt Ion:152 Resp: 645

Ion Ratio Lower Upper

152 100

150 160.8 129.9 194.9

115 77.4 62.6 93.8

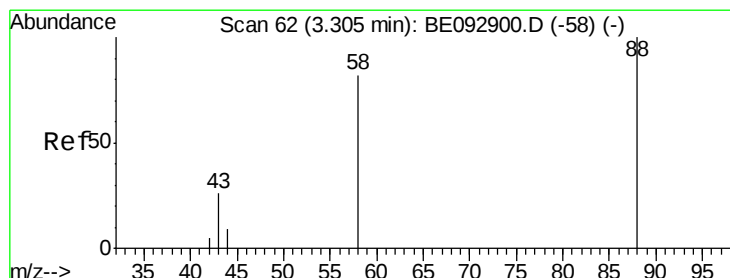
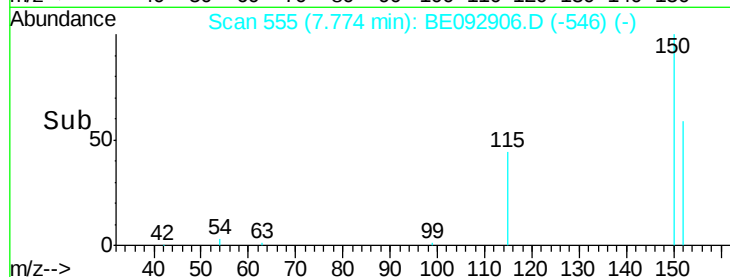


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 0.37 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

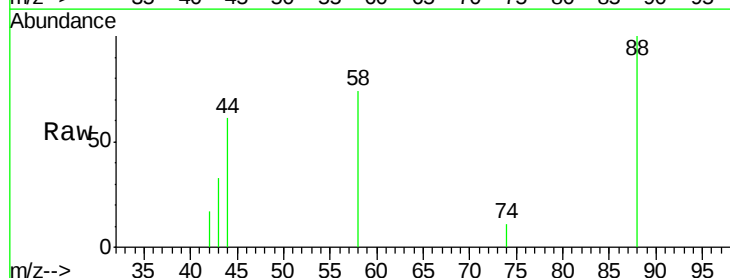
Tgt Ion: 88 Resp: 461

Ion Ratio Lower Upper

88 100

58 80.5 64.9 97.3

43 31.2 26.6 40.0

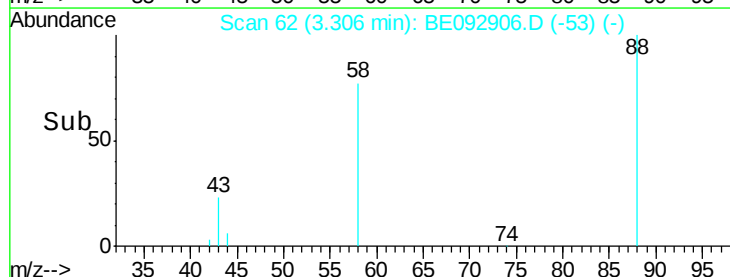


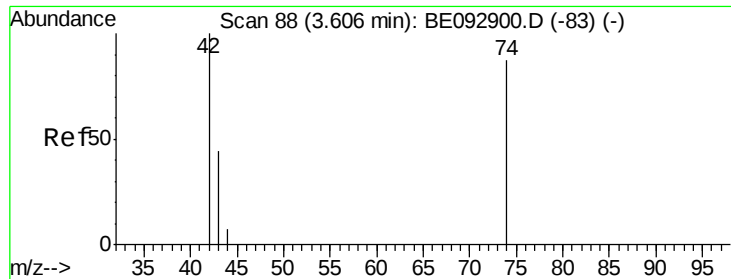
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

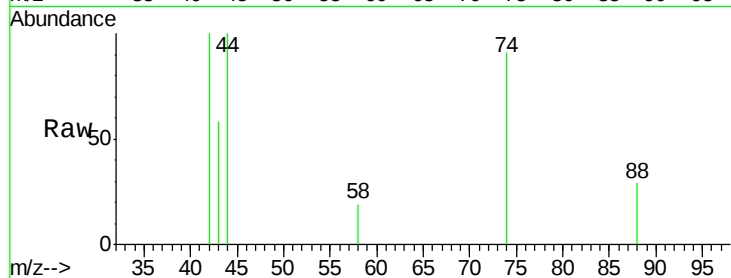
Tgt Ion: 42 Resp: 346

Ion Ratio Lower Upper

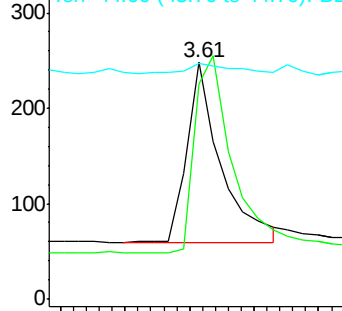
42 100

74 121.7 106.6 160.0

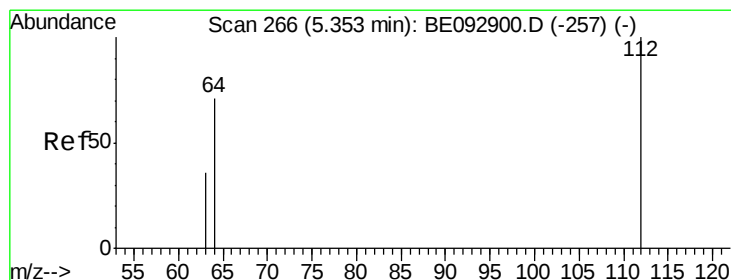
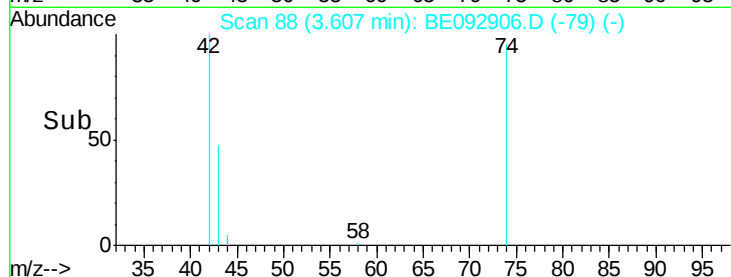
44 8.7 25.7 38.5#



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



Time-->



#4

2-Fluorophenol

Concen: 0.38 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

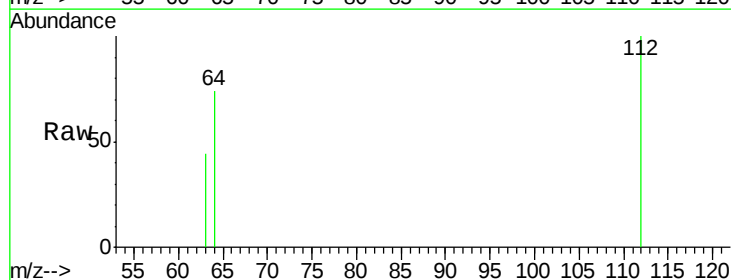
Tgt Ion: 112 Resp: 534

Ion Ratio Lower Upper

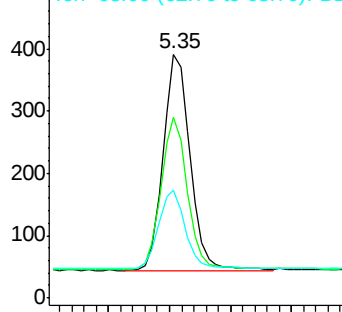
112 100

64 69.5 52.6 79.0

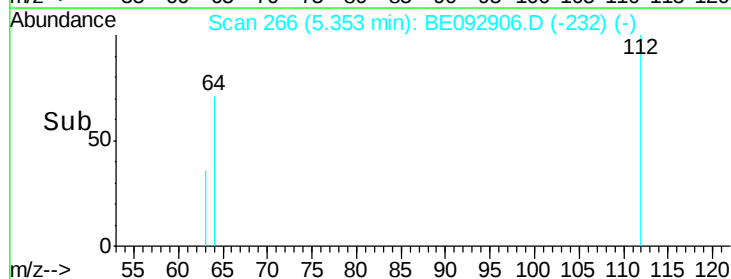
63 35.6 29.0 43.4

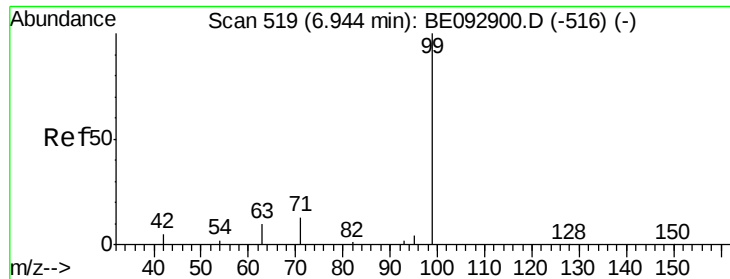


Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE0  
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.38 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

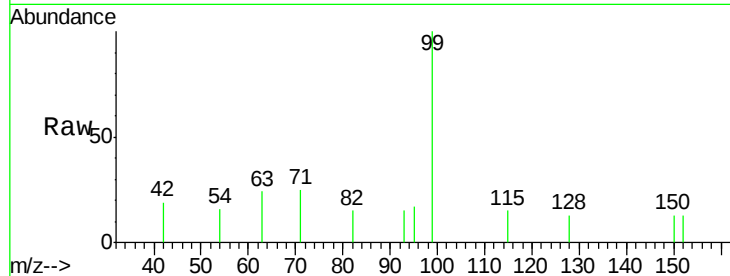
Tgt Ion: 99 Resp: 741

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

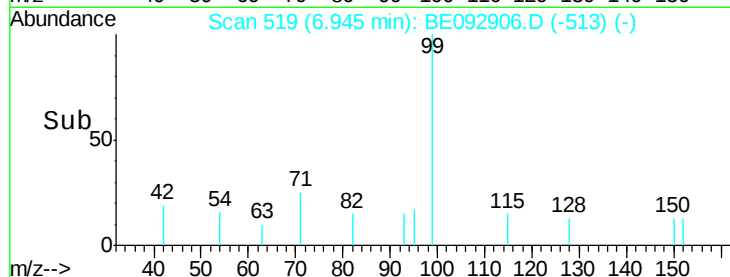
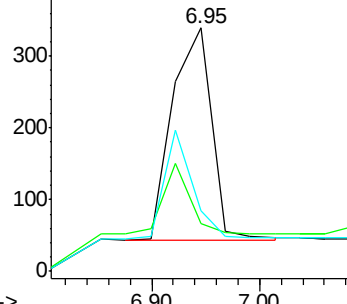
71 0.0 0.0 0.0



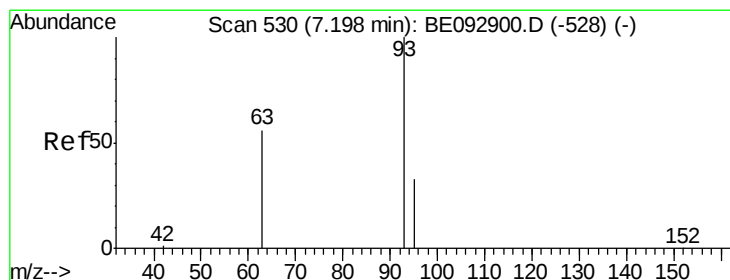
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

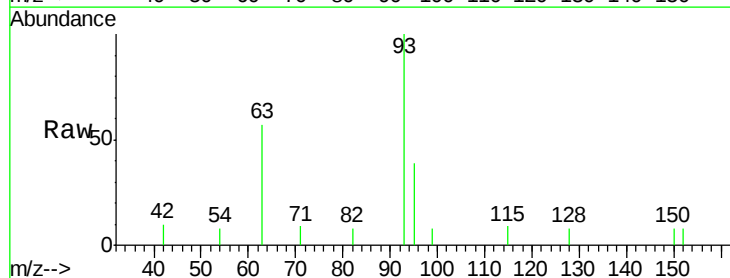
Tgt Ion: 93 Resp: 886

Ion Ratio Lower Upper

93 100

63 75.5 61.2 91.8

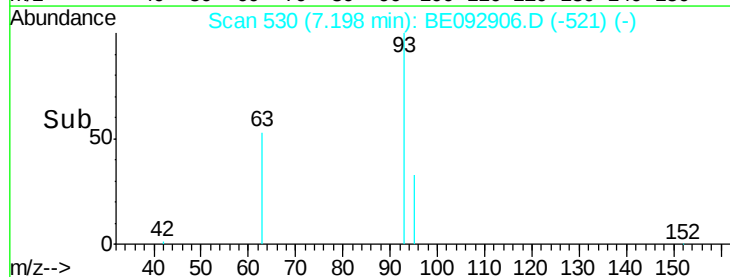
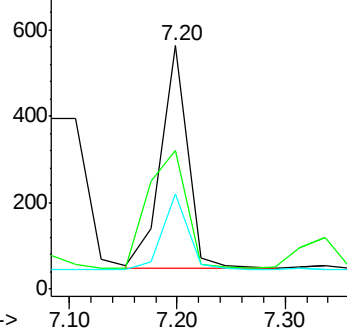
95 33.1 25.5 38.3



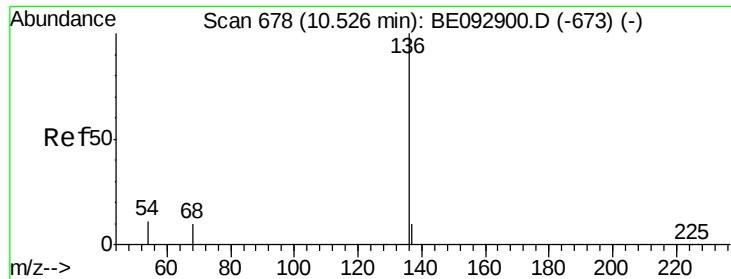
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

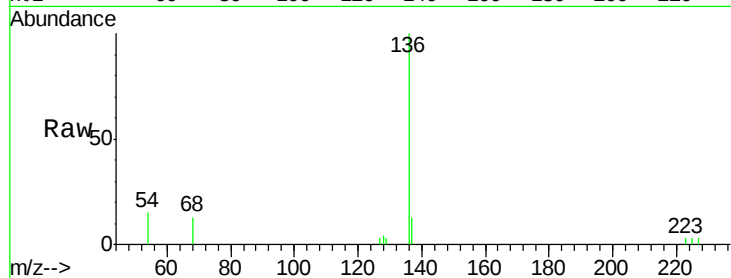
Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2657  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.9  | 10.4  | 15.6  |
| 54       | 15.0  | 12.6  | 18.8  |
| 68       | 12.9  | 10.7  | 16.1  |

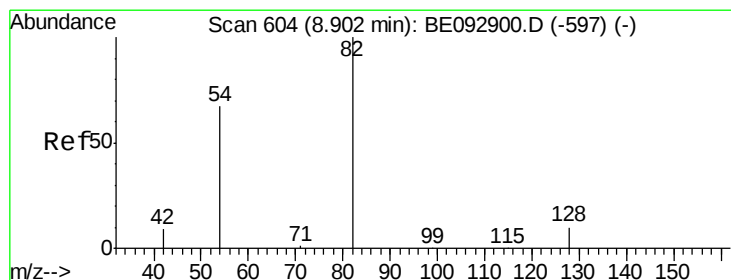
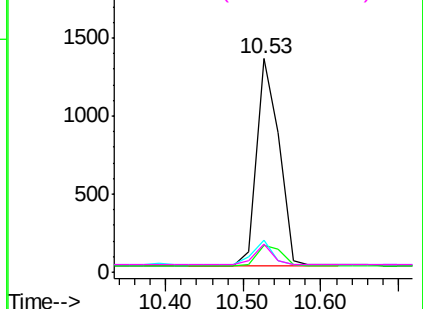
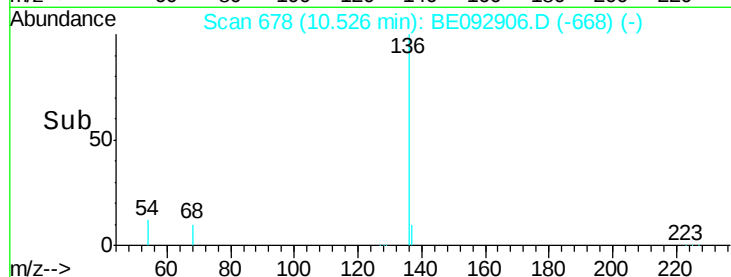


Abundance Ion 136.00 (135.70 to 136.70): BE092906.D (-668) (-)

Ion 137.00 (136.70 to 137.70): BE092906.D (-668) (-)

Ion 54.00 (53.70 to 54.70): BE092906.D (-668) (-)

Ion 68.00 (67.70 to 68.70): BE092906.D (-668) (-)



#8

Nitrobenzene-d5

Concen: 0.38 ng

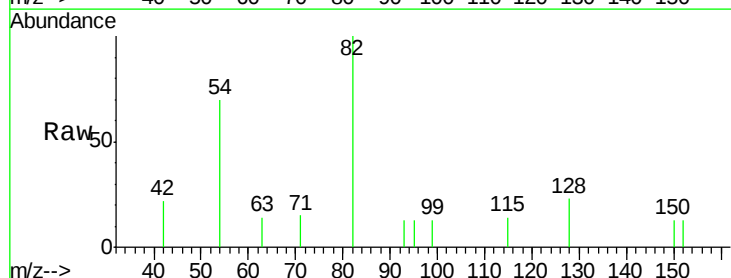
RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

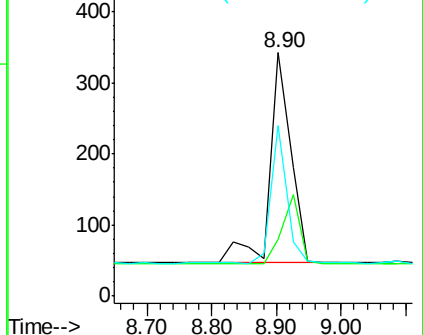
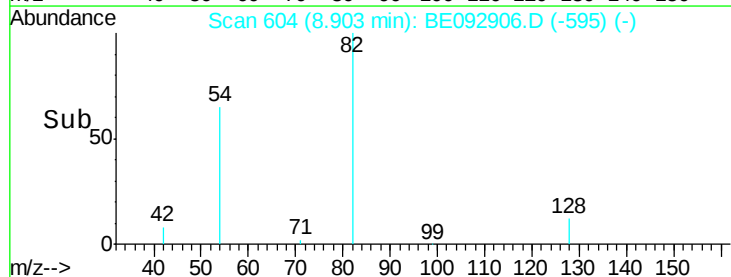
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 677   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 23.4  | 35.3  | 52.9# |
| 54       | 70.2  | 65.1  | 97.7  |

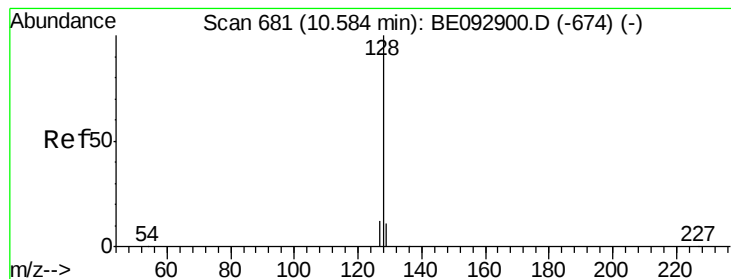


Abundance Ion 82.00 (81.70 to 82.70): BE092906.D (-595) (-)

Ion 128.00 (127.70 to 128.70): BE092906.D (-595) (-)

Ion 54.00 (53.70 to 54.70): BE092906.D (-595) (-)





#9

Naphthalene

Concen: 0.38 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

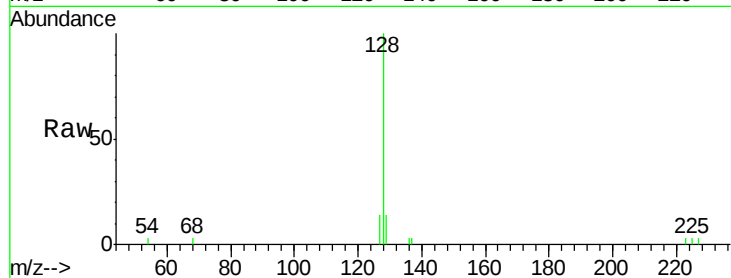
Tgt Ion:128 Resp: 2685

Ion Ratio Lower Upper

128 100

129 13.9 15.8 23.8#

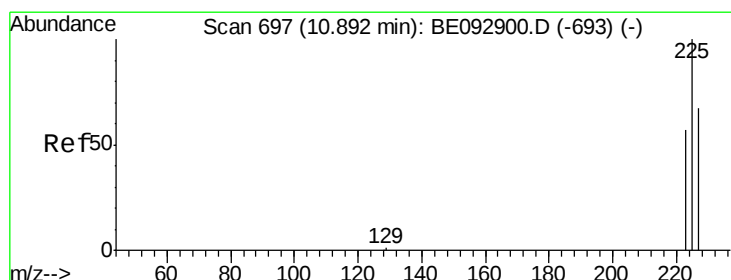
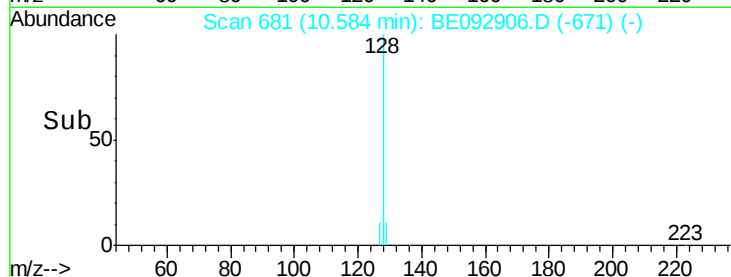
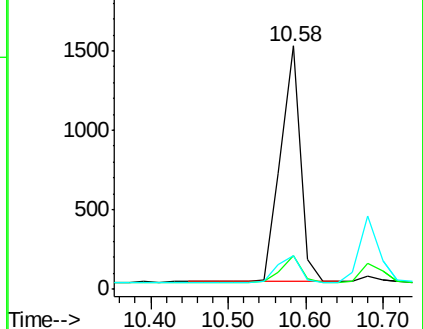
127 14.0 16.0 24.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.38 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

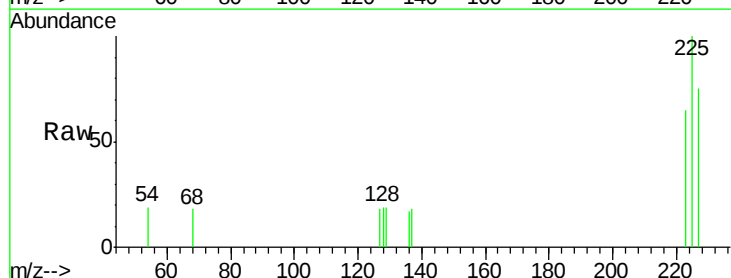
Tgt Ion:225 Resp: 370

Ion Ratio Lower Upper

225 100

223 64.9 55.4 83.2

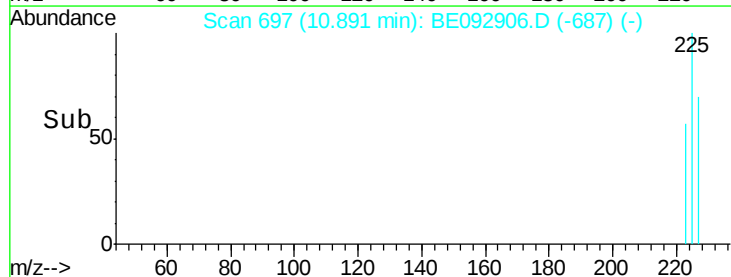
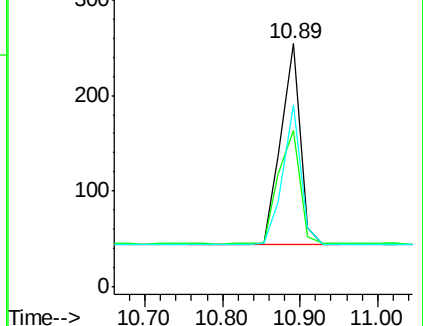
227 65.1 52.2 78.4

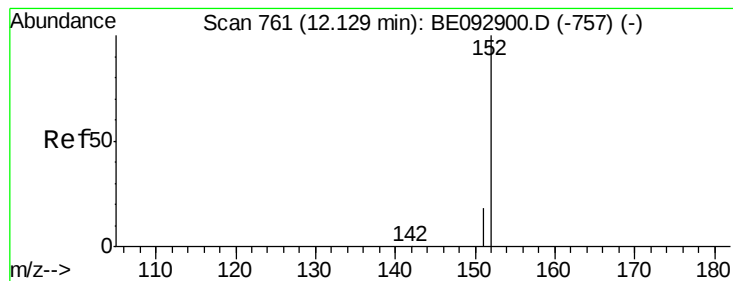


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.38 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

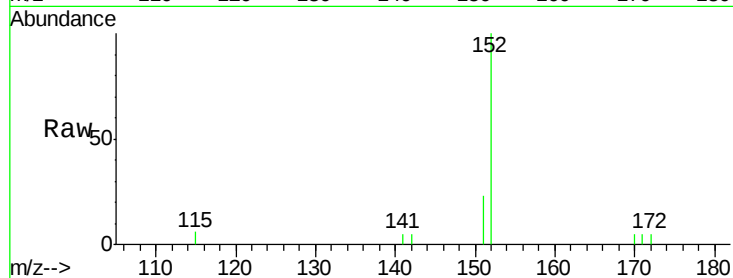
SSTDCCC0.4

Tgt Ion:152 Resp: 1471

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.13

800

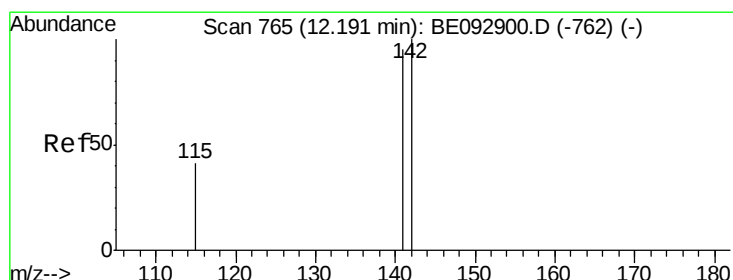
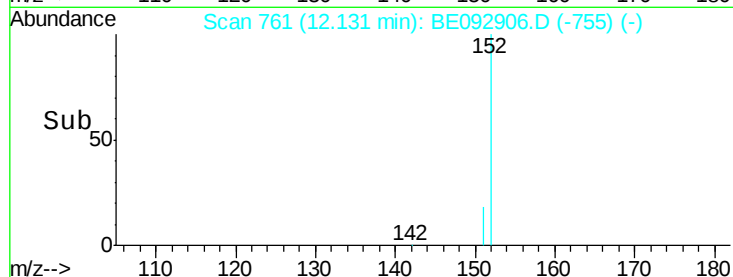
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.37 ng

RT: 12.19 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

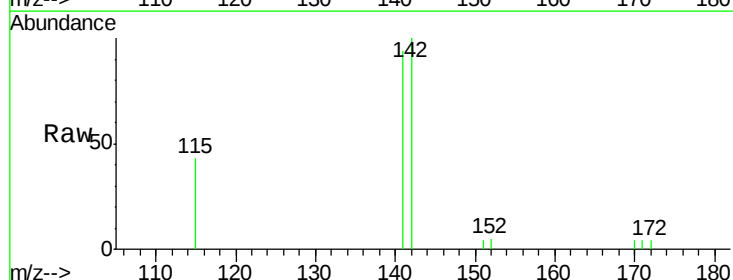
Tgt Ion:142 Resp: 1613

Ion Ratio Lower Upper

142 100

141 93.9 76.0 114.0

115 43.4 41.6 62.4



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

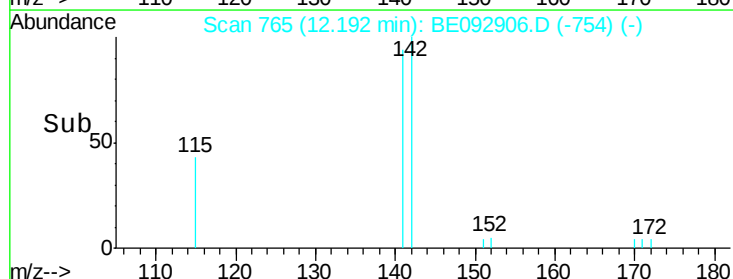
12.19

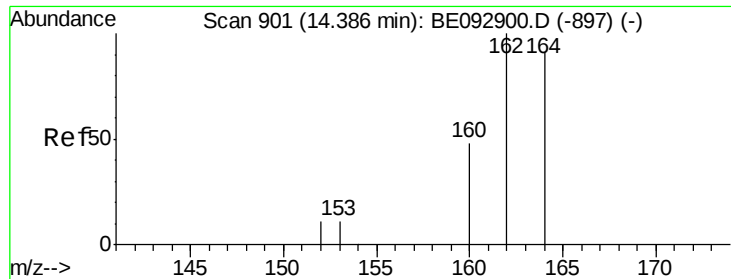
1000

500

0

Time-->

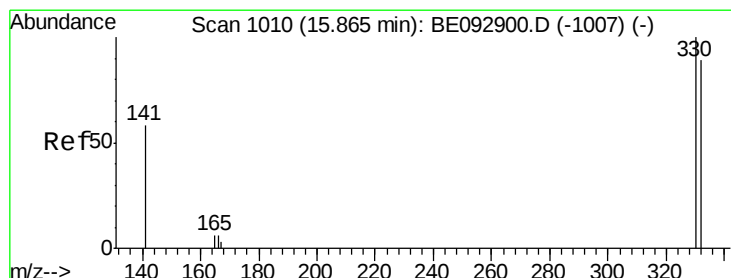
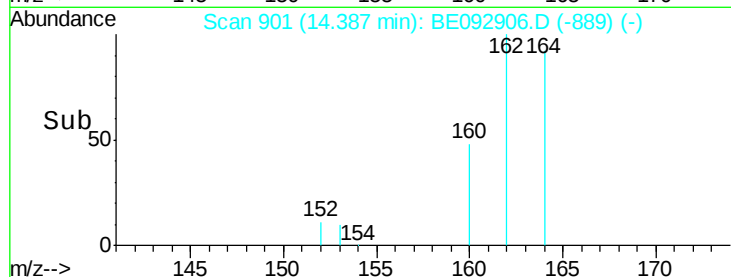
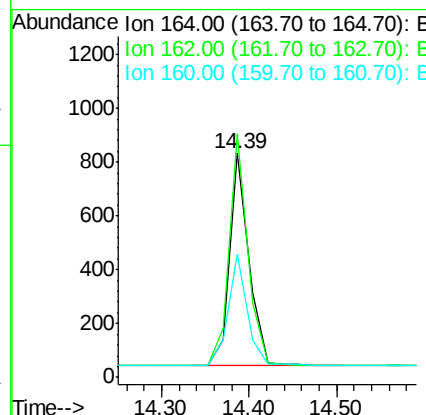
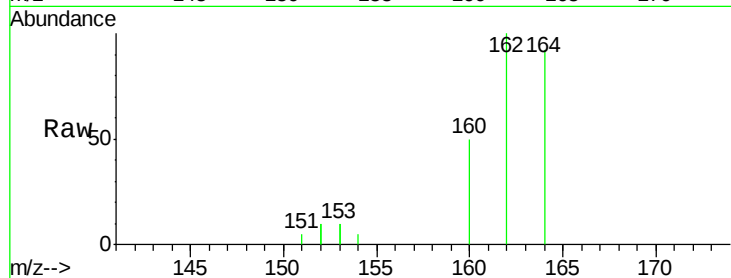




#13  
 Acenaphthene-d10  
 Concen: 0.40 ng  
 RT: 14.39 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

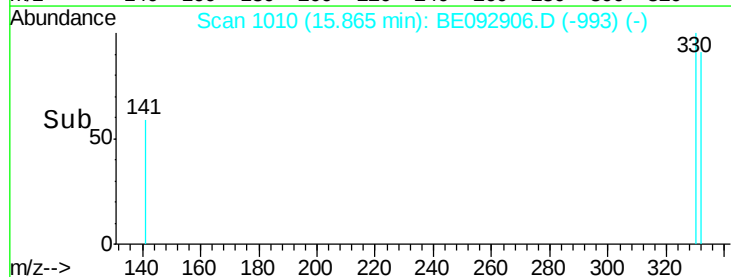
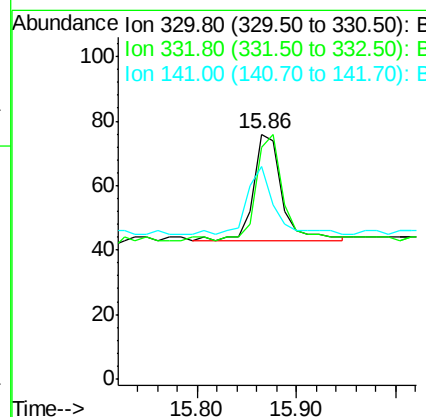
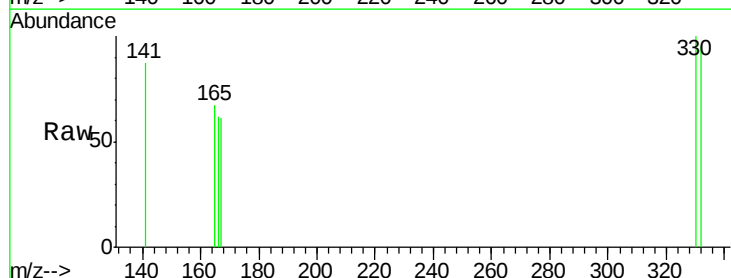
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

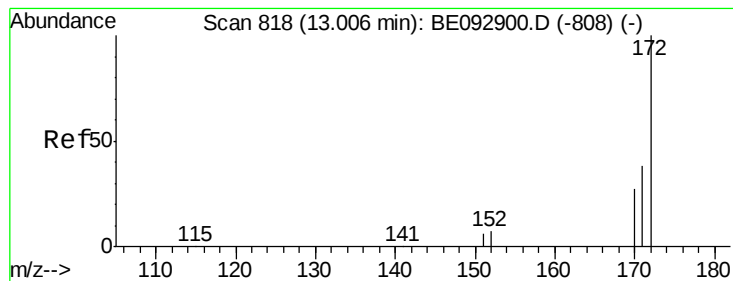
Tgt Ion:164 Resp: 1194  
 Ion Ratio Lower Upper  
 164 100  
 162 108.8 86.6 130.0  
 160 54.9 44.5 66.7



#14  
 2,4,6-Tribromophenol  
 Concen: 0.33 ng  
 RT: 15.86 min Scan# 1010  
 Delta R.T. -0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

Tgt Ion:330 Resp: 65  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 69.1 103.7  
 141 60.0 54.6 81.8





#15

2-Fluorobiphenyl

Concen: 0.39 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

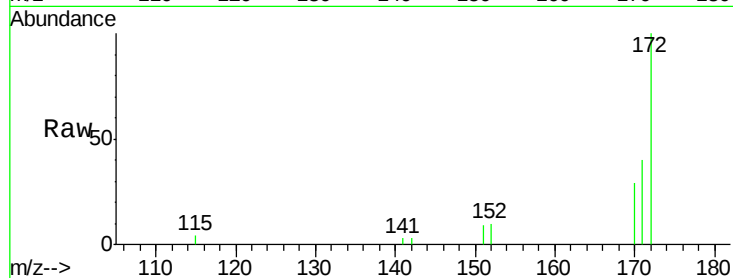
Tgt Ion:172 Resp: 2122

Ion Ratio Lower Upper

172 100

171 39.9 35.8 53.6

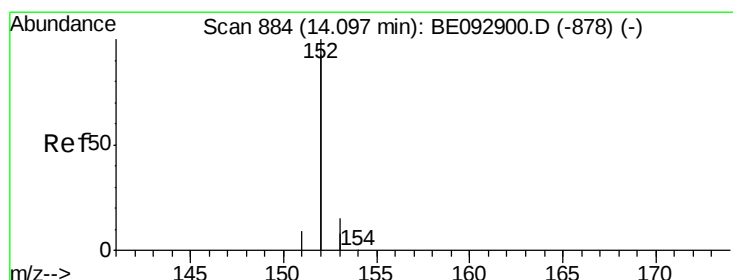
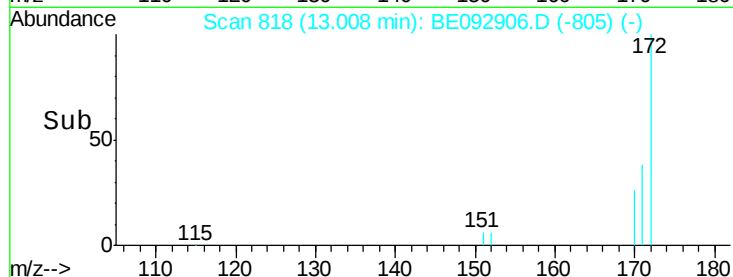
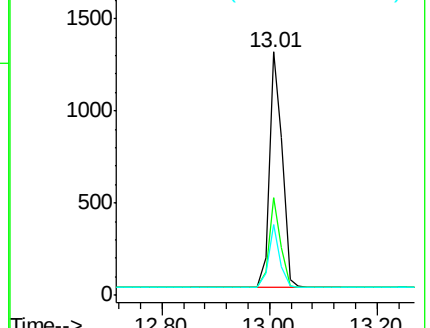
170 28.9 28.5 42.7



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



#16

Acenaphthylene

Concen: 0.35 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

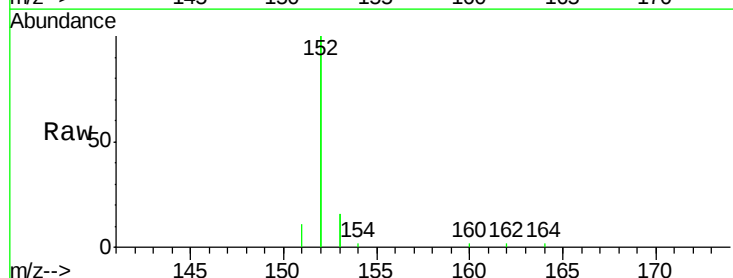
Tgt Ion:152 Resp: 6764

Ion Ratio Lower Upper

152 100

151 5.0 3.8 5.8

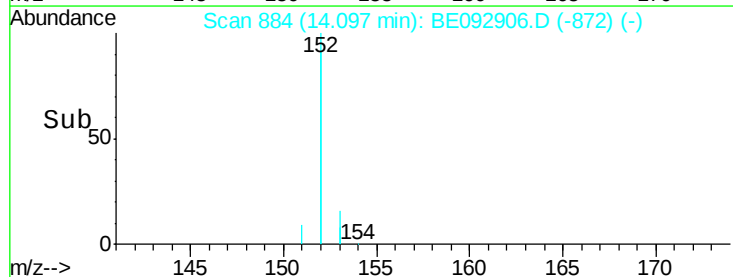
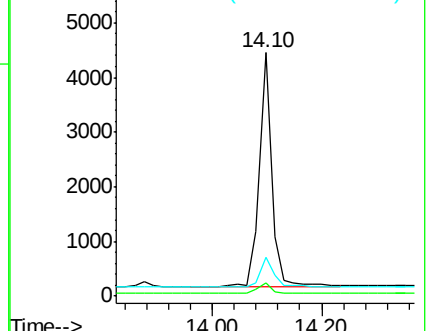
153 13.5 10.0 15.0

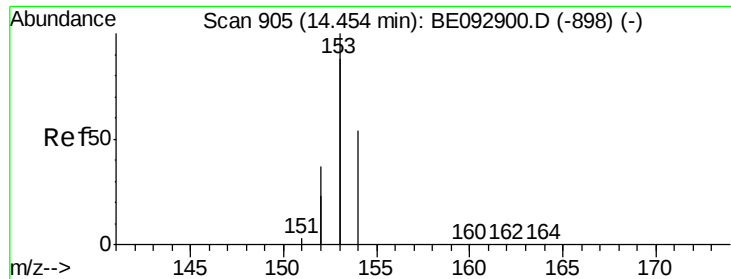


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.45 min Scan# 905

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

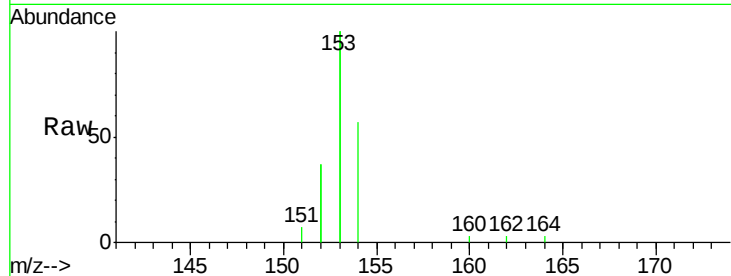
Tgt Ion:154 Resp: 1412

Ion Ratio Lower Upper

154 100

153 459.1 355.6 533.4

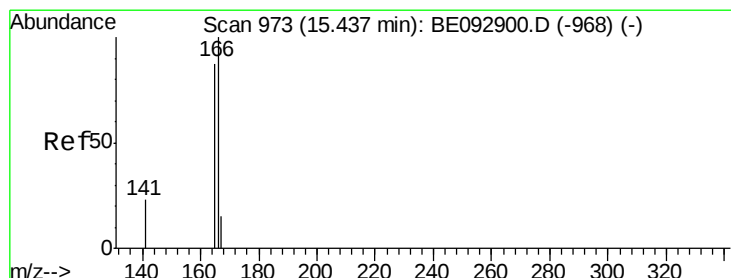
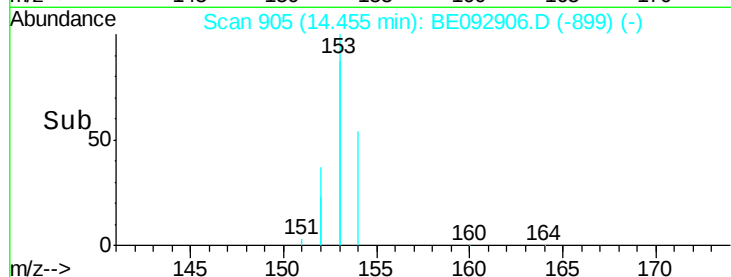
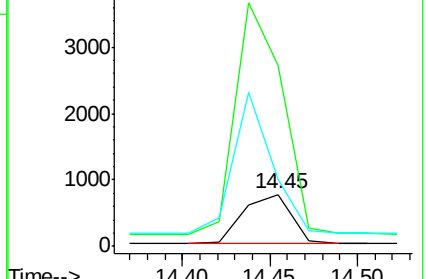
152 234.8 177.8 266.8



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: 15.44 min Scan# 973

Delta R.T. -0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

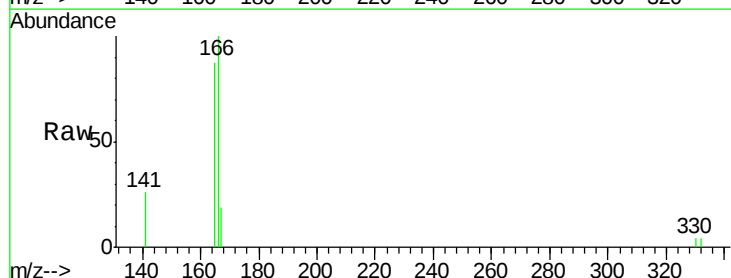
Tgt Ion:166 Resp: 1712

Ion Ratio Lower Upper

166 100

165 98.9 80.7 121.1

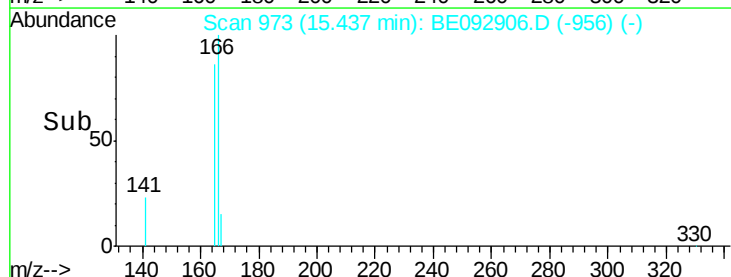
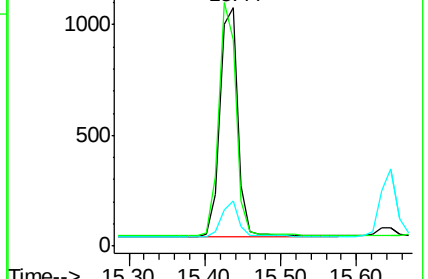
167 14.8 11.3 16.9

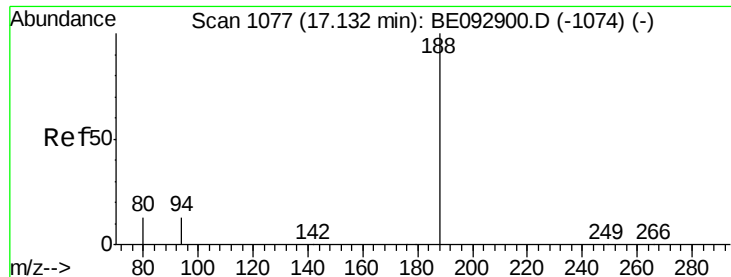


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

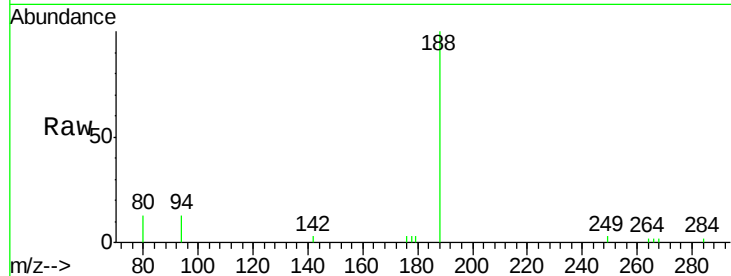




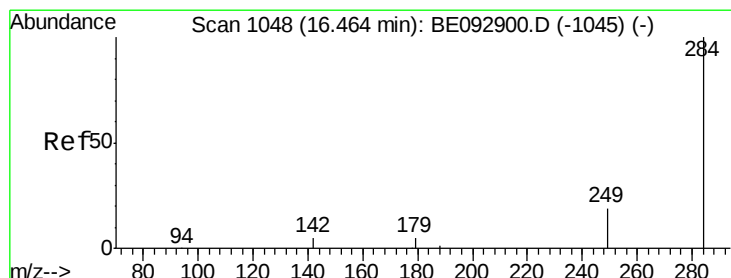
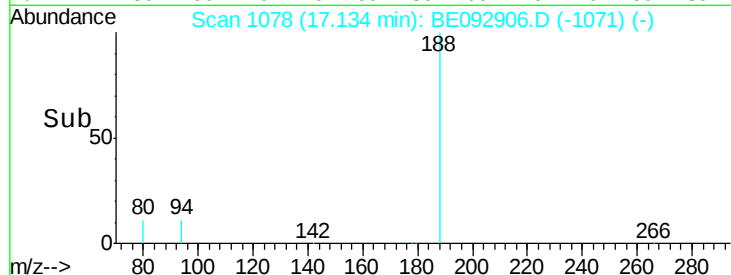
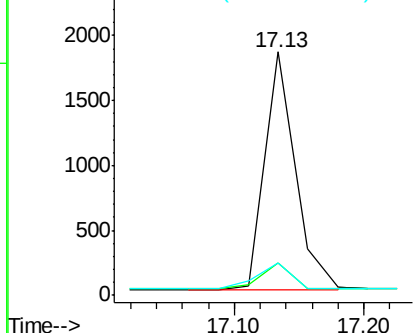
#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.13 min Scan# 1078  
Delta R.T. 0.00 min  
Lab File: BE092906.D  
Acq: 21 Apr 2017 12:55

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:188 Resp: 3028  
Ion Ratio Lower Upper  
188 100  
94 13.4 10.2 15.4  
80 13.4 10.6 15.8

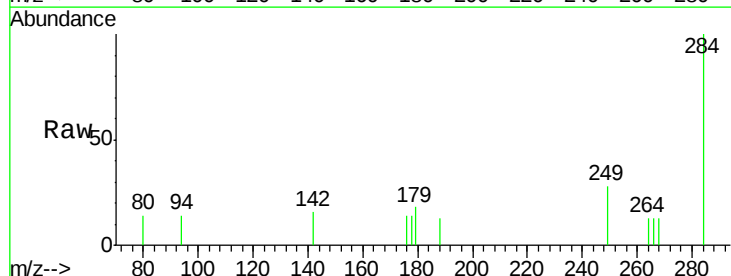


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BE  
Ion 80.00 (79.70 to 80.70): BE

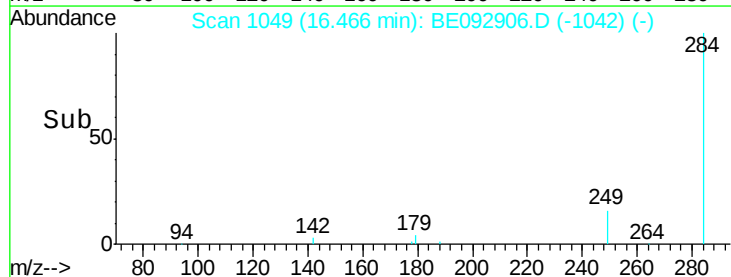
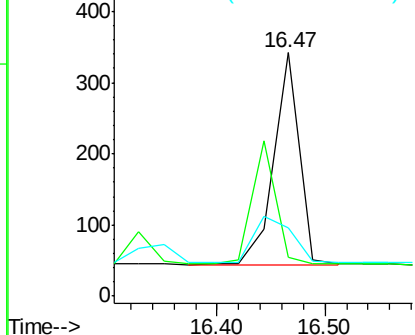


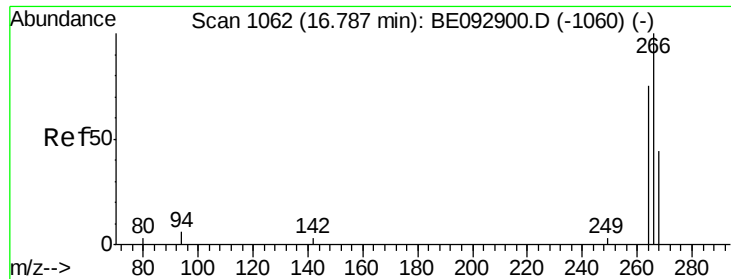
#20  
Hexachlorobenzene  
Concen: 0.37 ng  
RT: 16.47 min Scan# 1049  
Delta R.T. 0.00 min  
Lab File: BE092906.D  
Acq: 21 Apr 2017 12:55

Tgt Ion:284 Resp: 496  
Ion Ratio Lower Upper  
284 100  
142 0.0 0.0 0.0  
249 0.0 0.0 0.0



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

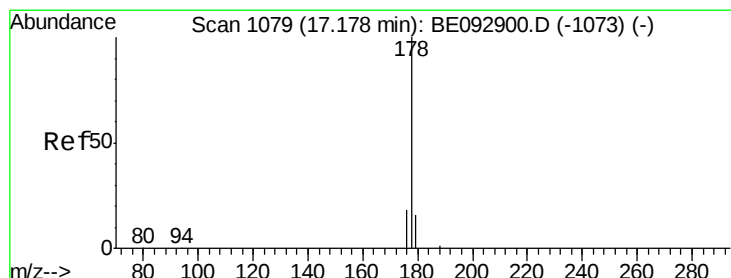
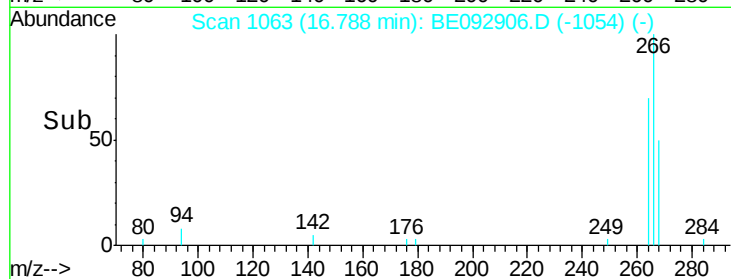
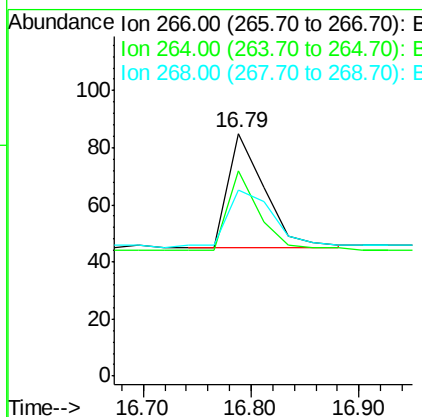
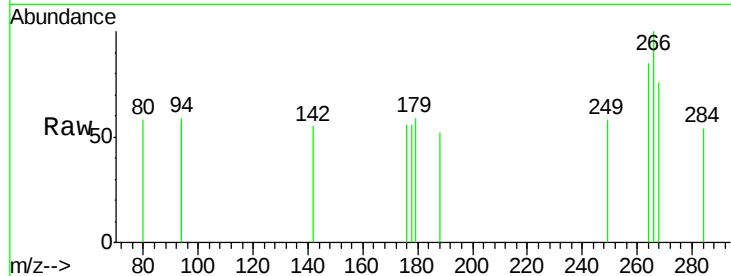




#21  
 Pentachlorophenol  
 Concen: 0.44 ng  
 RT: 16.79 min Scan# 1063  
 Delta R.T. 0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

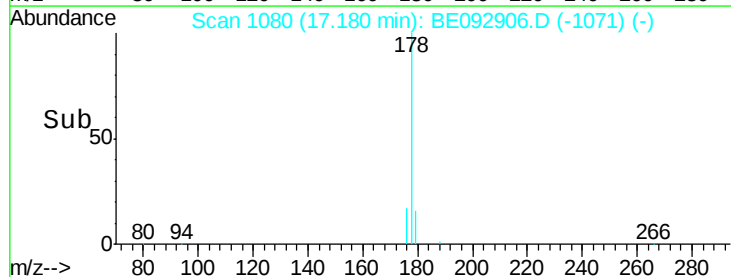
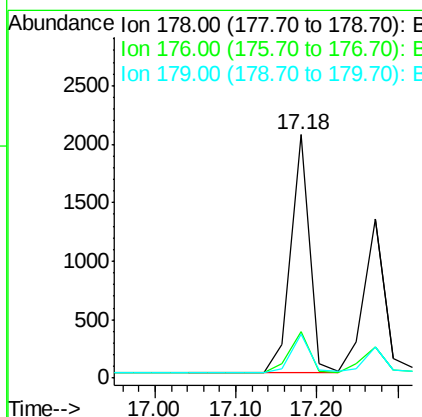
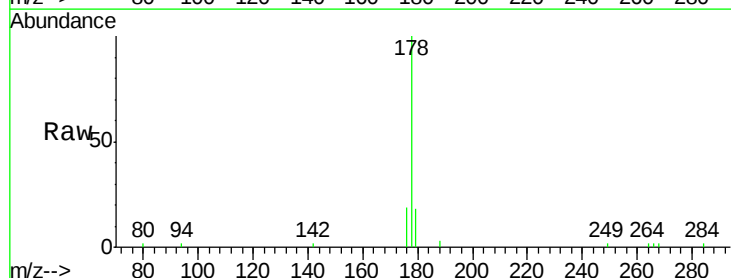
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

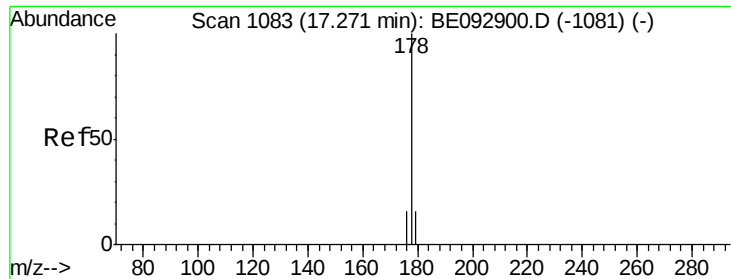
Tgt Ion: 266 Resp: 94  
 Ion Ratio Lower Upper  
 266 100  
 264 84.7 75.4 113.2  
 268 76.5 75.4 113.2



#22  
 Phenanthrene  
 Concen: 0.37 ng  
 RT: 17.18 min Scan# 1080  
 Delta R.T. 0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

Tgt Ion: 178 Resp: 3277  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.2 21.4  
 179 16.2 13.6 20.4





#23

Anthracene

Concen: 0.36 ng

RT: 17.27 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

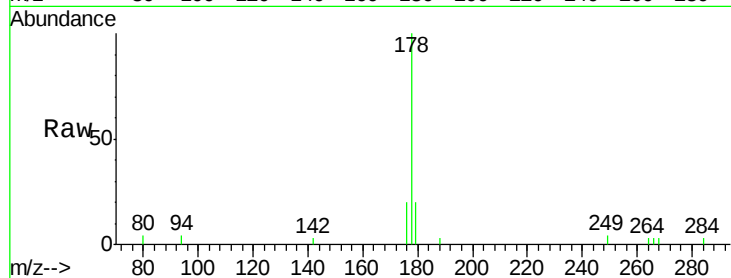
Tgt Ion:178 Resp: 2383

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

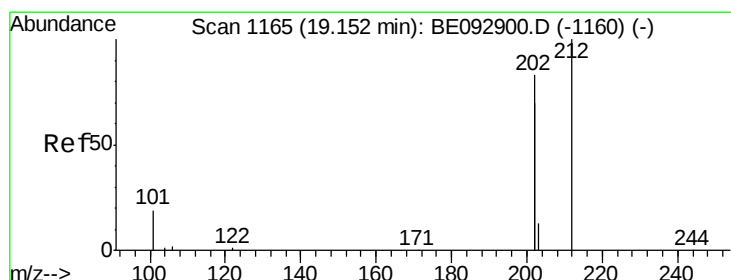
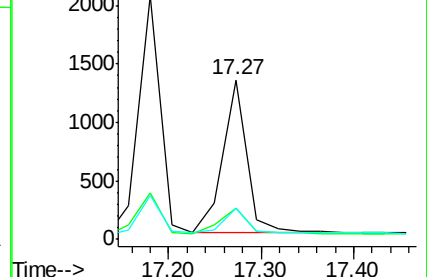
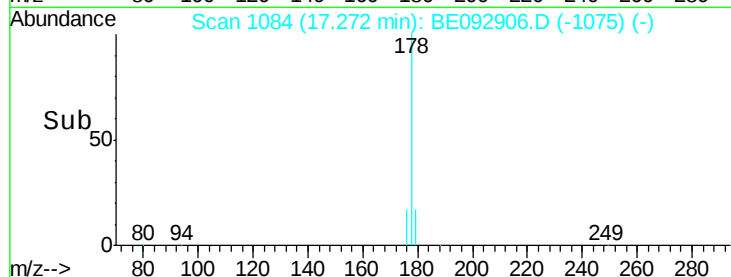
179 15.7 12.8 19.2



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



#24

Fluoranthene-d10

Concen: 0.38 ng

RT: 19.15 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

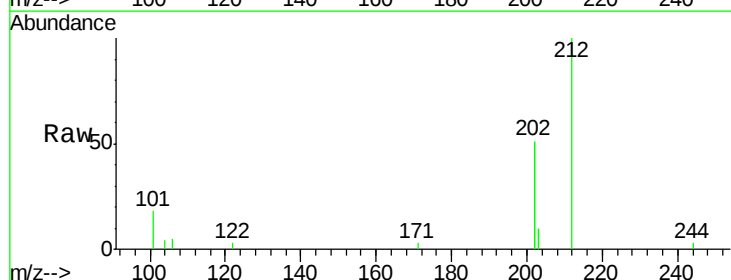
Tgt Ion:212 Resp: 2735

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

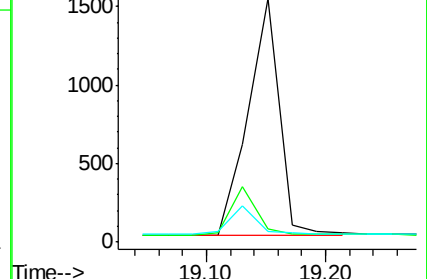
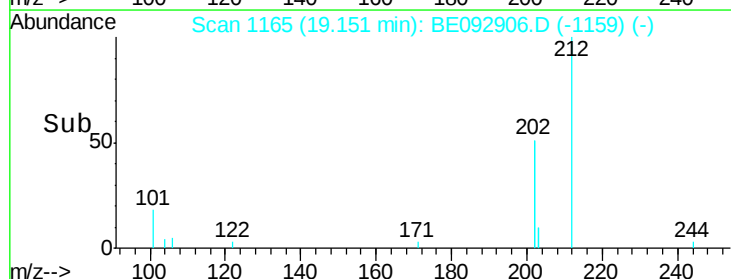
104 0.0 0.0 0.0

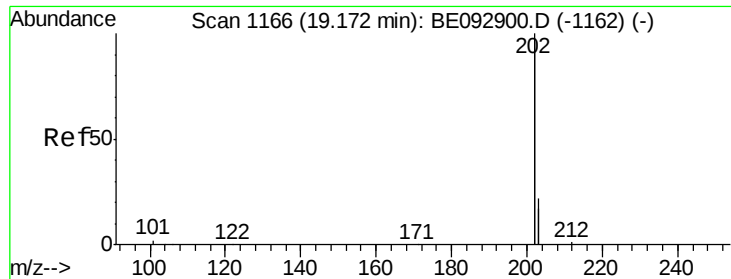


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

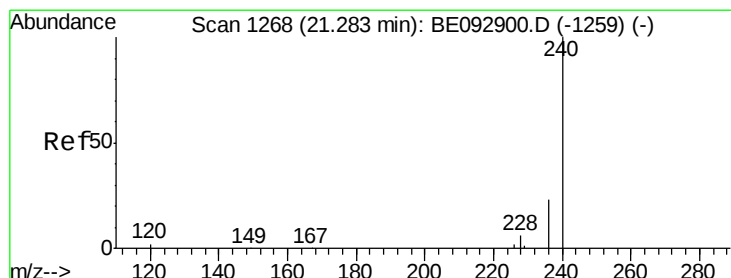
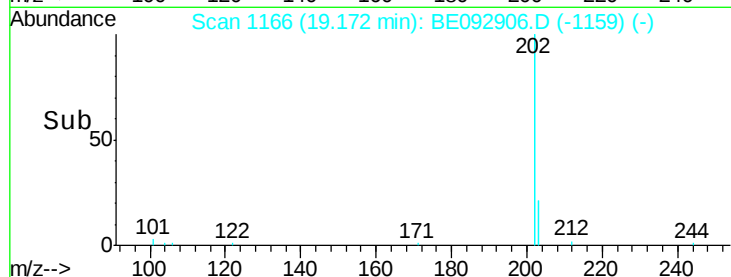
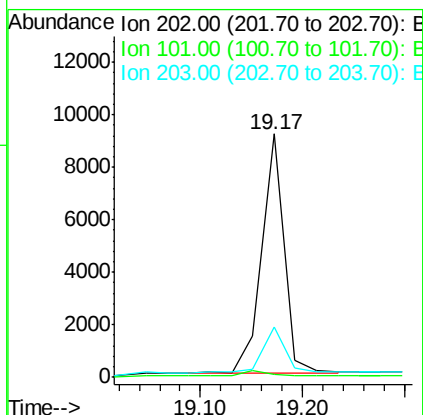
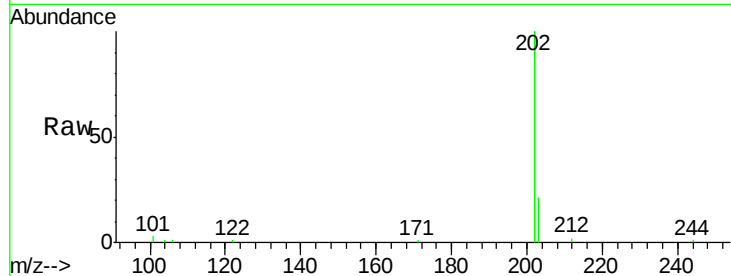




#25  
 Fluoranthene  
 Concen: 0.37 ng  
 RT: 19.17 min Scan# 1166  
 Delta R.T. -0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

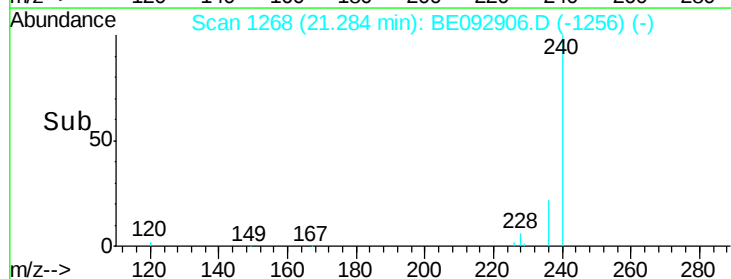
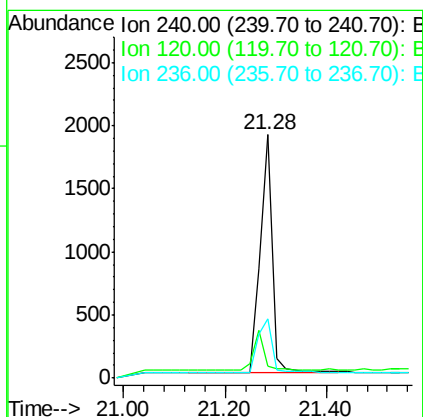
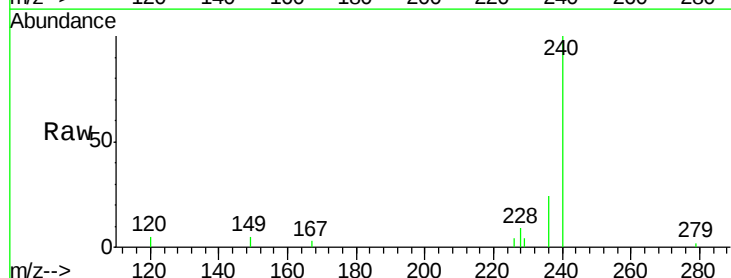
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

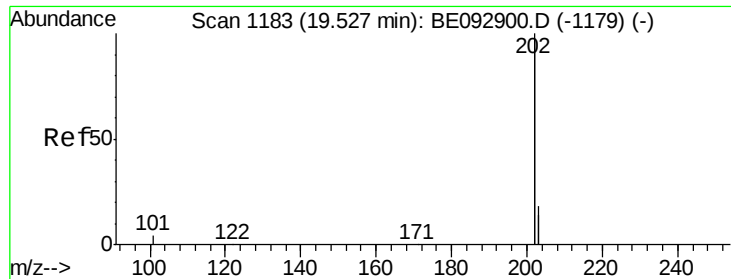
Tgt Ion: 202 Resp: 13978  
 Ion Ratio Lower Upper  
 202 100  
 101 0.0 0.0 0.0  
 203 18.4 15.3 22.9



#26  
 Chrysene-d12  
 Concen: 0.40 ng  
 RT: 21.28 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

Tgt Ion: 240 Resp: 3026  
 Ion Ratio Lower Upper  
 240 100  
 120 5.1 4.6 6.8  
 236 24.1 19.8 29.8

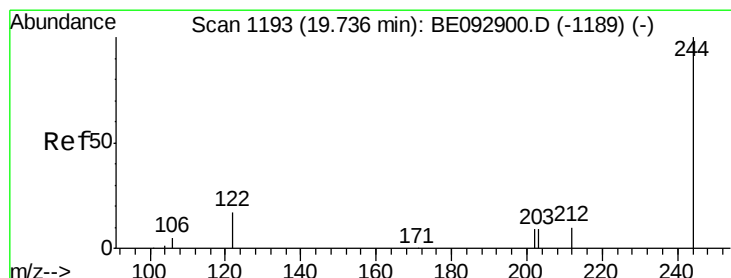
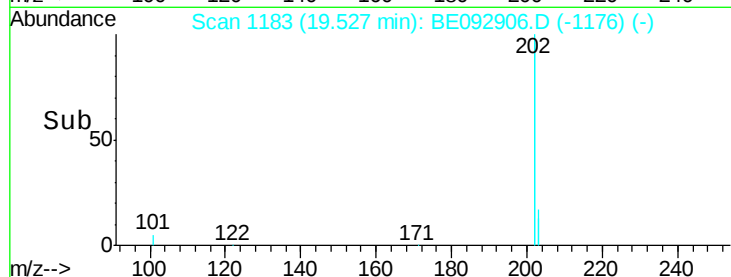
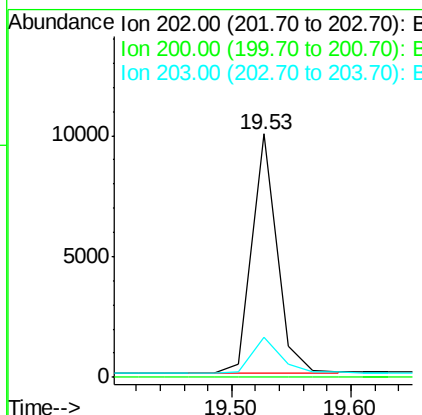
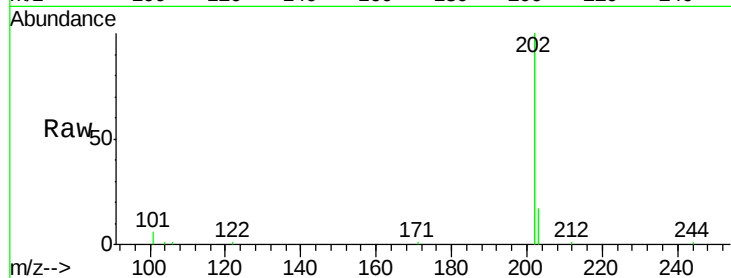




#27  
 Pyrene  
 Concen: 0.37 ng  
 RT: 19.53 min Scan# 1183  
 Delta R.T. -0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

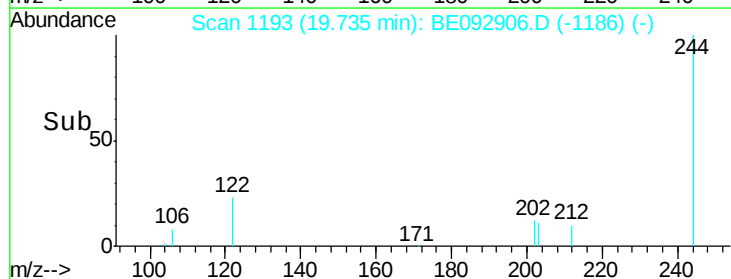
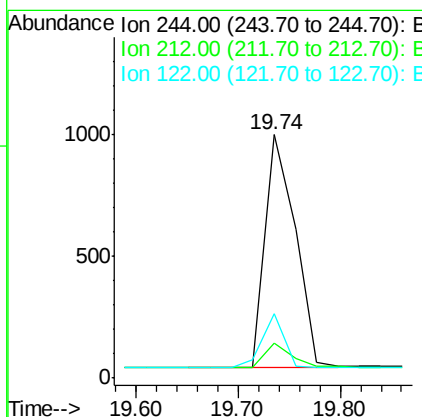
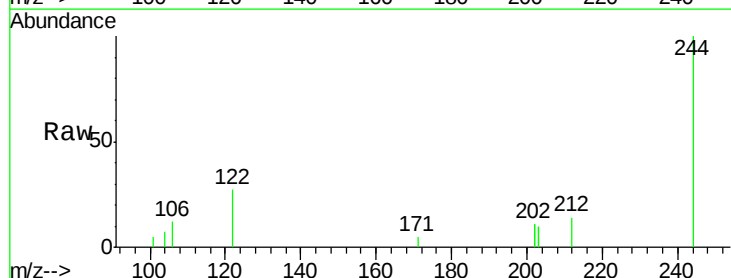
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

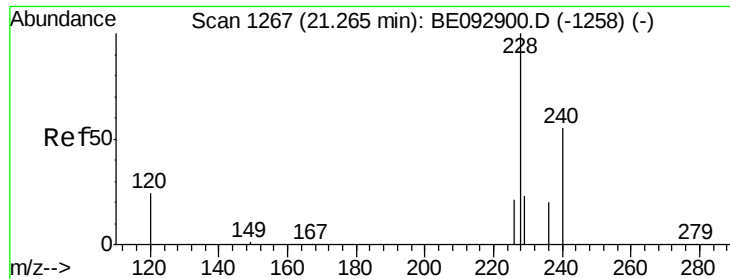
Tgt Ion: 202 Resp: 14442  
 Ion Ratio Lower Upper  
 202 100  
 200 0.0 0.0 0.0  
 203 17.0 13.5 20.3



#28  
 Terphenyl-d14  
 Concen: 0.37 ng  
 RT: 19.74 min Scan# 1193  
 Delta R.T. -0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

Tgt Ion: 244 Resp: 1951  
 Ion Ratio Lower Upper  
 244 100  
 212 14.3 18.4 27.6#  
 122 26.5 23.3 34.9





#29

Benzo(a)anthracene

Concen: 0.36 ng

RT: 21.27 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

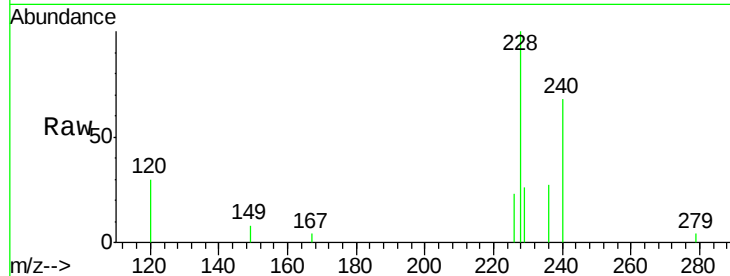
Tgt Ion:228 Resp: 2556

Ion Ratio Lower Upper

228 100

226 23.5 32.0 48.0#

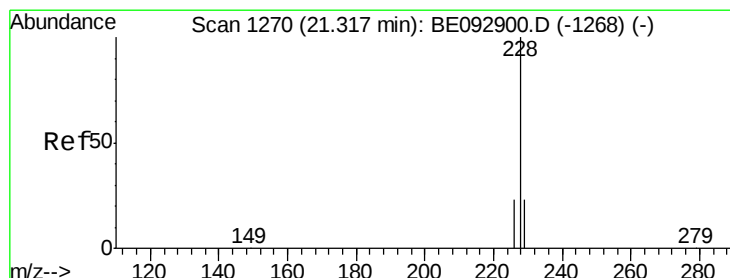
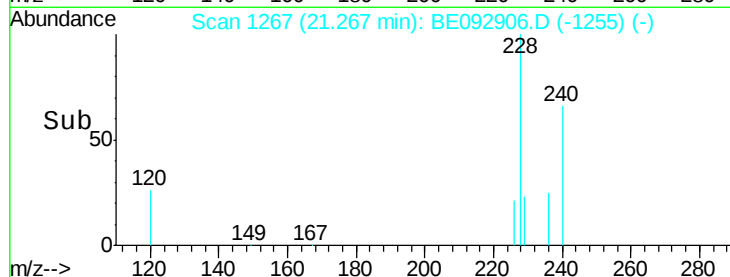
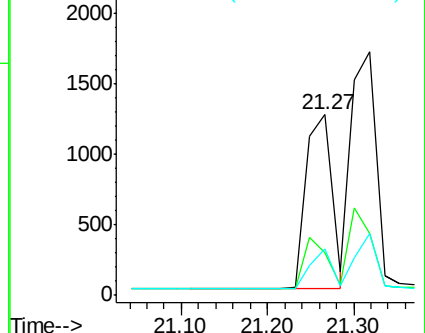
229 26.1 21.4 32.0



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



#30

Chrysene

Concen: 0.38 ng

RT: 21.32 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

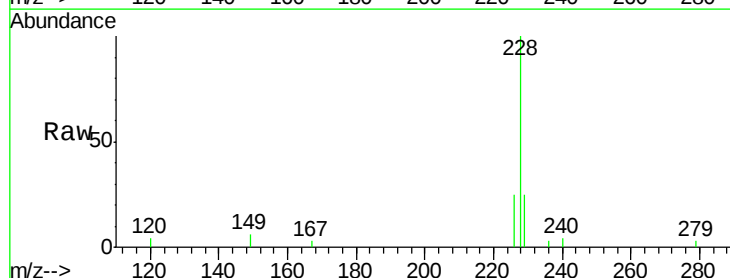
Tgt Ion:228 Resp: 3463

Ion Ratio Lower Upper

228 100

226 25.3 34.2 51.2#

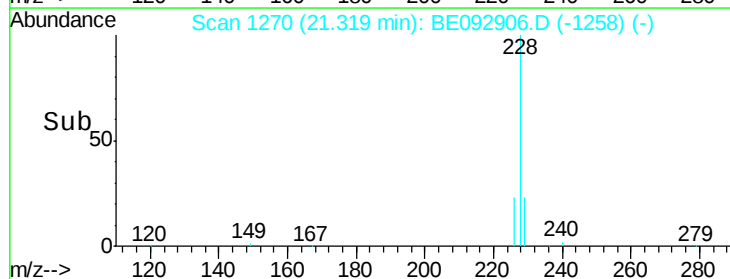
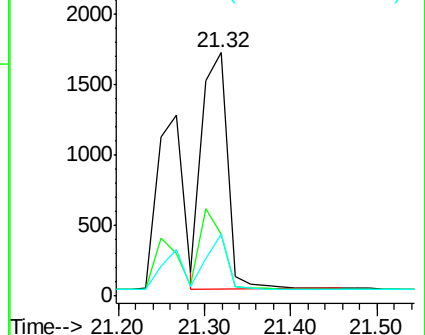
229 25.3 18.6 28.0

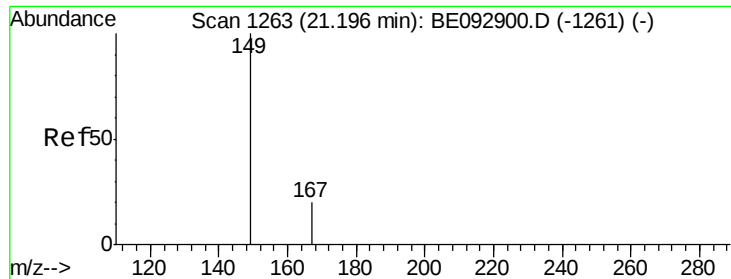


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

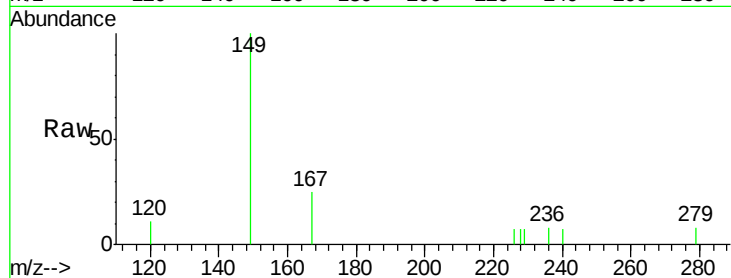




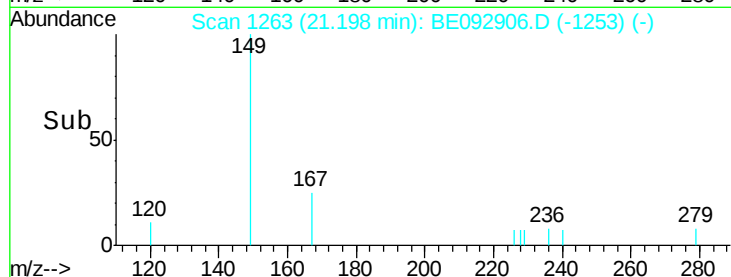
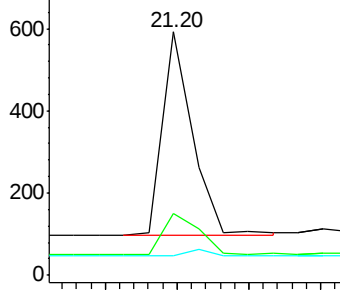
#31  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.39 ng  
 RT: 21.20 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

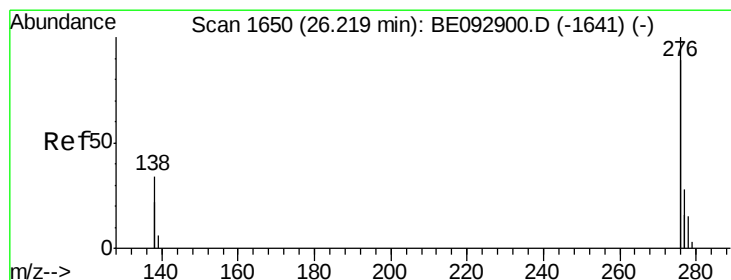
Tgt Ion:149 Resp: 714  
 Ion Ratio Lower Upper  
 149 100  
 167 24.5 20.9 31.3  
 279 0.0 0.0 0.0



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

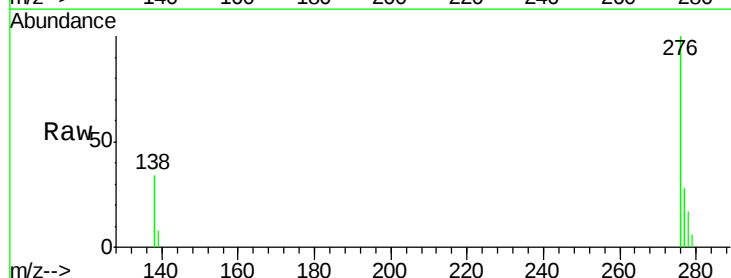


Time-->

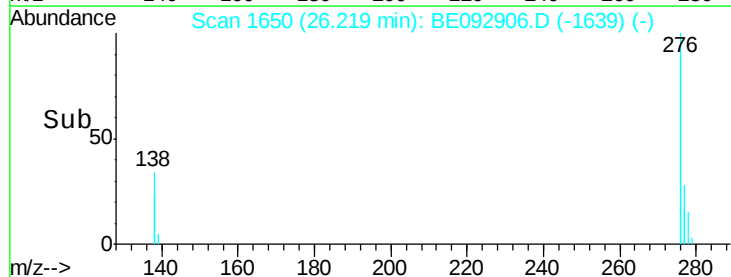
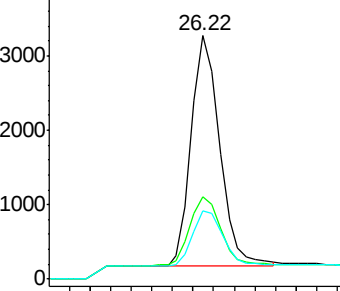


#32  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.40 ng  
 RT: 26.22 min Scan# 1650  
 Delta R.T. -0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

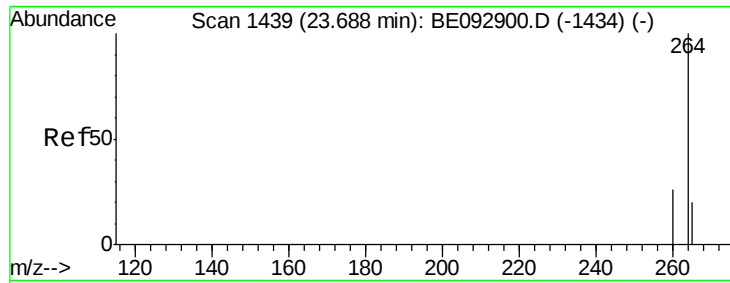
Tgt Ion:276 Resp: 11859  
 Ion Ratio Lower Upper  
 276 100  
 138 32.2 25.8 38.6  
 277 25.2 20.2 30.4



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



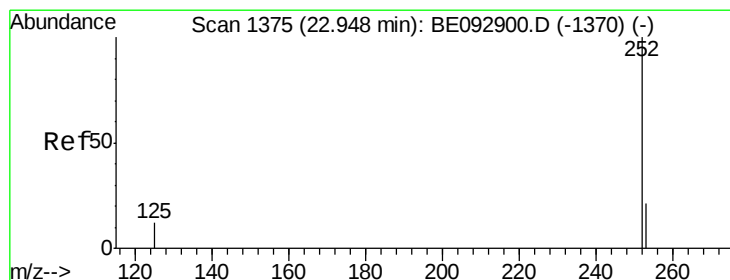
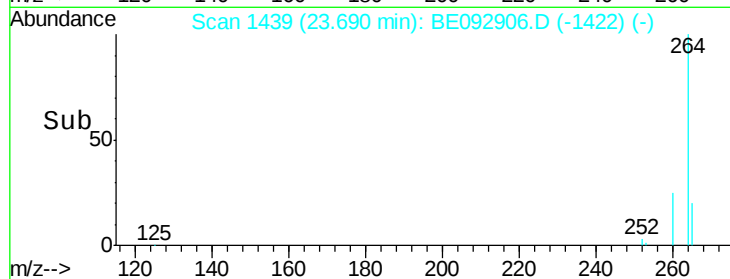
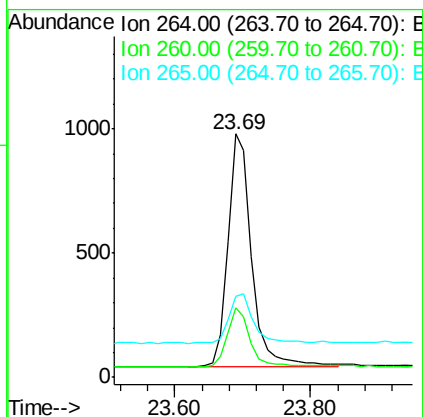
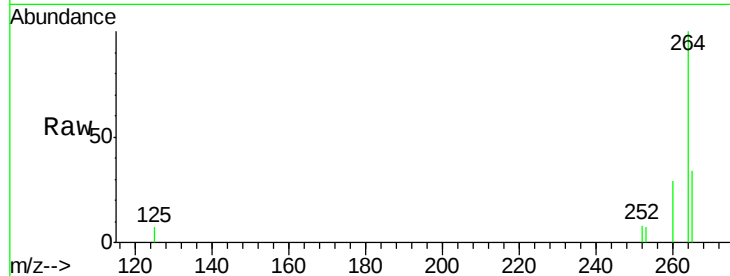
Time-->



#33  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.69 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

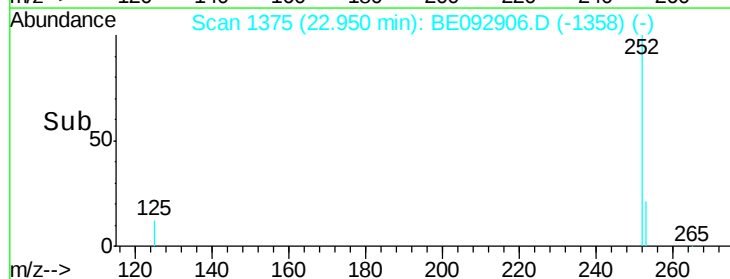
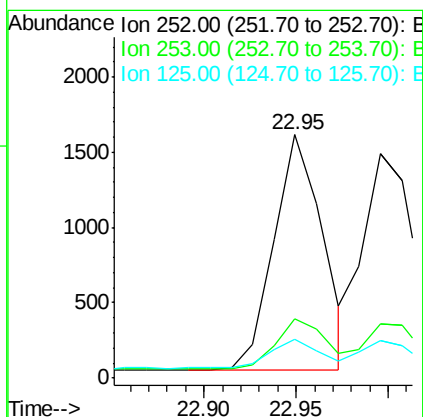
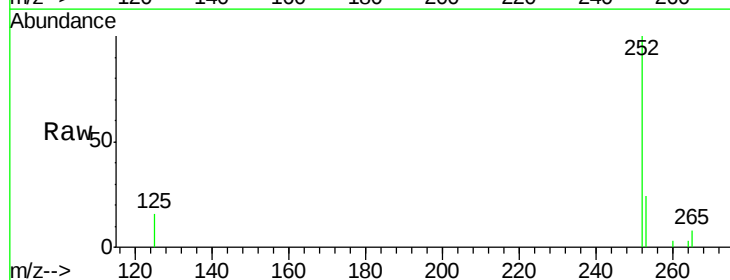
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

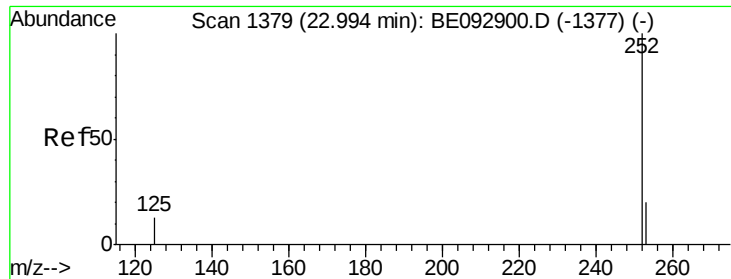
Tgt Ion: 264 Resp: 2291  
 Ion Ratio Lower Upper  
 264 100  
 260 28.8 23.5 35.3  
 265 33.5 27.2 40.8



#34  
 Benzo(b)fluoranthene  
 Concen: 0.36 ng  
 RT: 22.95 min Scan# 1375  
 Delta R.T. 0.00 min  
 Lab File: BE092906.D  
 Acq: 21 Apr 2017 12:55

Tgt Ion: 252 Resp: 2877  
 Ion Ratio Lower Upper  
 252 100  
 253 24.1 24.7 37.1#  
 125 16.0 20.3 30.5#





#35

Benzo(k)fluoranthene

Concen: 0.35 ng

RT: 23.00 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

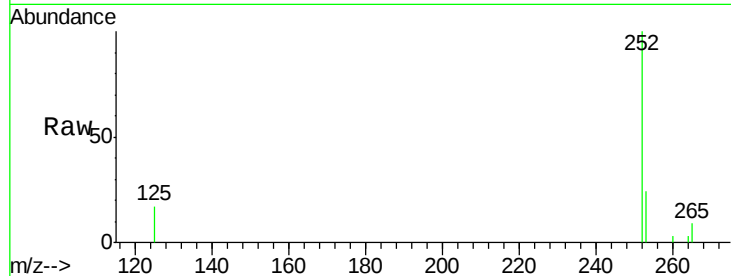
Tgt Ion:252 Resp: 2887

Ion Ratio Lower Upper

252 100

253 24.0 25.8 38.8#

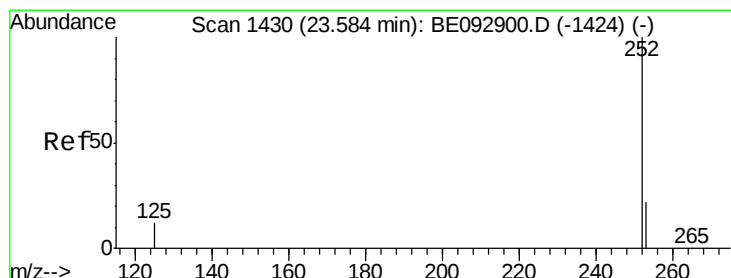
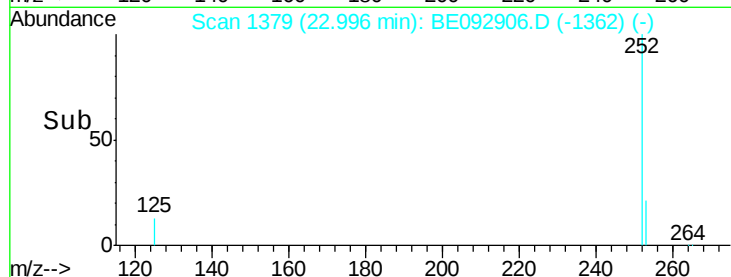
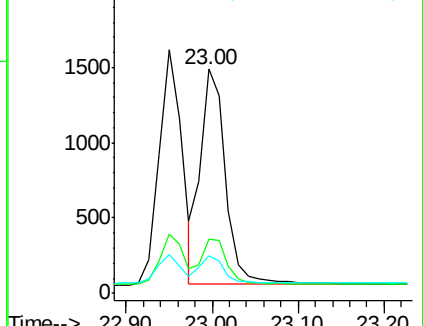
125 16.9 22.9 34.3#



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



#36

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.59 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

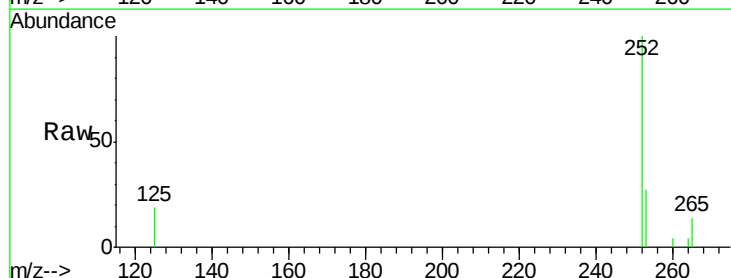
Tgt Ion:252 Resp: 2366

Ion Ratio Lower Upper

252 100

253 27.1 31.3 46.9#

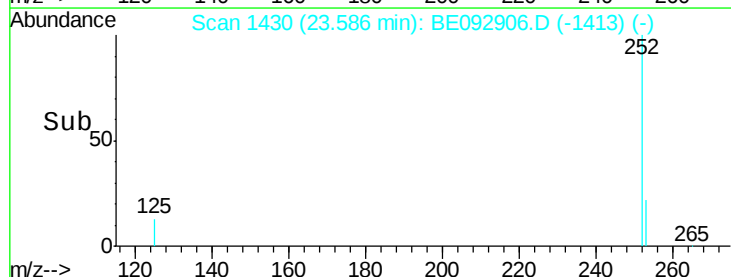
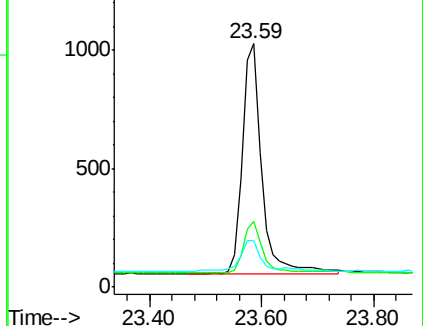
125 18.9 26.4 39.6#

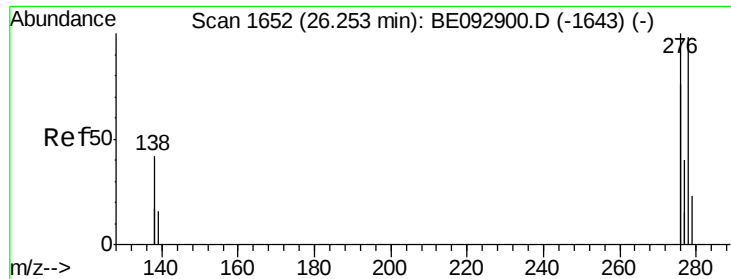


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 26.25 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

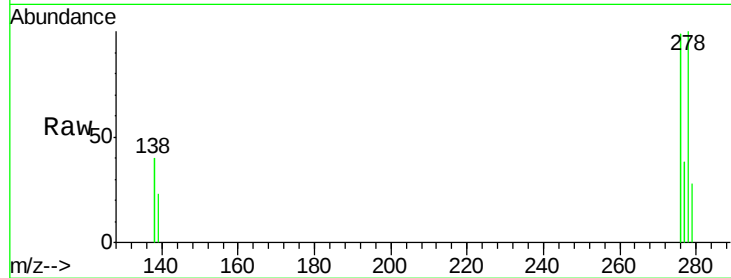
Tgt Ion: 278 Resp: 2652

Ion Ratio Lower Upper

278 100

139 22.7 27.4 41.2#

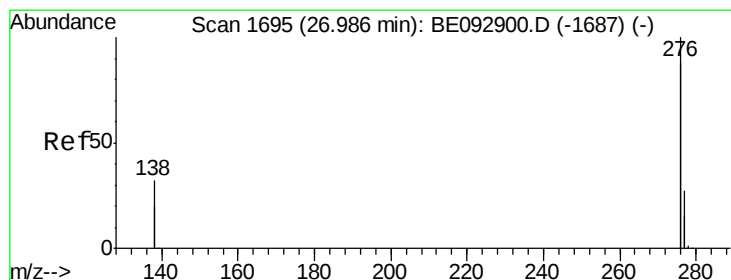
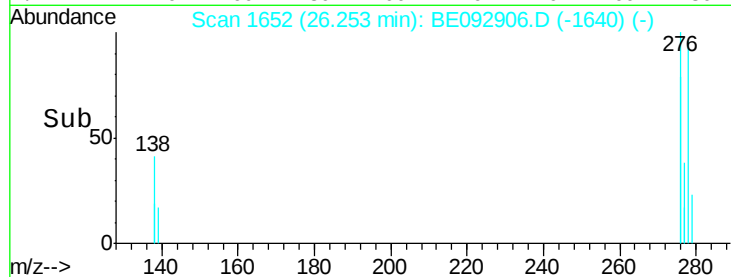
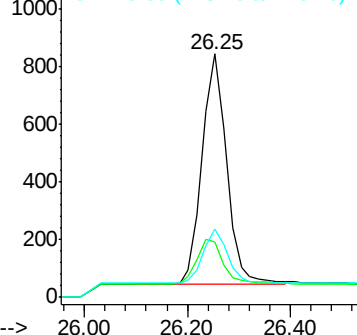
279 28.2 33.3 49.9#



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



#38

Benzo(g,h,i)perylene

Concen: 0.36 ng

RT: 27.00 min Scan# 1696

Delta R.T. 0.02 min

Lab File: BE092906.D

Acq: 21 Apr 2017 12:55

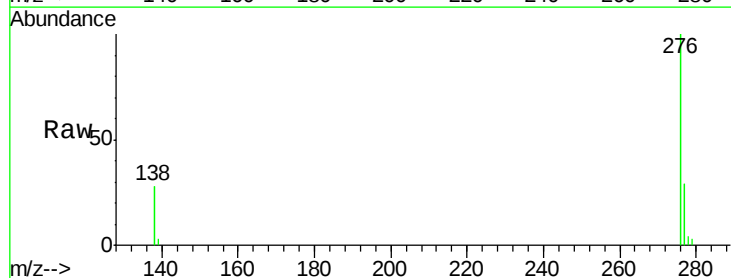
Tgt Ion: 276 Resp: 11360

Ion Ratio Lower Upper

276 100

277 28.7 29.9 44.9#

138 28.1 34.6 51.8#



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

