

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE082415\  
 Data File : BE090603.D  
 Acq On : 24 Aug 2015 16:21  
 Operator : UM/IZ  
 Sample : IDOC-W-BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 IDOC-W-BL

Quant Time: Aug 24 23:03:34 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE081415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 14 16:52:42 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 13949    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8           | 10.34 | 136  | 57659    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10        | 14.21 | 164  | 34098    | 5.00 | ng    | 0.01     |
| 18) Phenanthrene-d10        | 16.94 | 188  | 91184    | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12            | 21.10 | 240  | 103679   | 5.00 | ng    | 0.00     |
| 32) Perylene-d12            | 23.41 | 264  | 89605    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.21  | 112  | 28318    | 7.02 | ng    | 0.00     |
| 5) Phenol-d6                | 6.77  | 99   | 32909    | 5.55 | ng    | 0.00     |
| 7) Nitrobenzene-d5          | 8.74  | 82   | 16831    | 3.66 | ng    | 0.01     |
| 13) 2,4,6-Tribromophenol    | 15.71 | 330  | 10982    | 8.37 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl        | 12.85 | 172  | 38147    | 3.75 | ng    | 0.03     |
| 27) Terphenyl-d14           | 19.56 | 244  | 74042    | 3.90 | ng    | 0.00     |

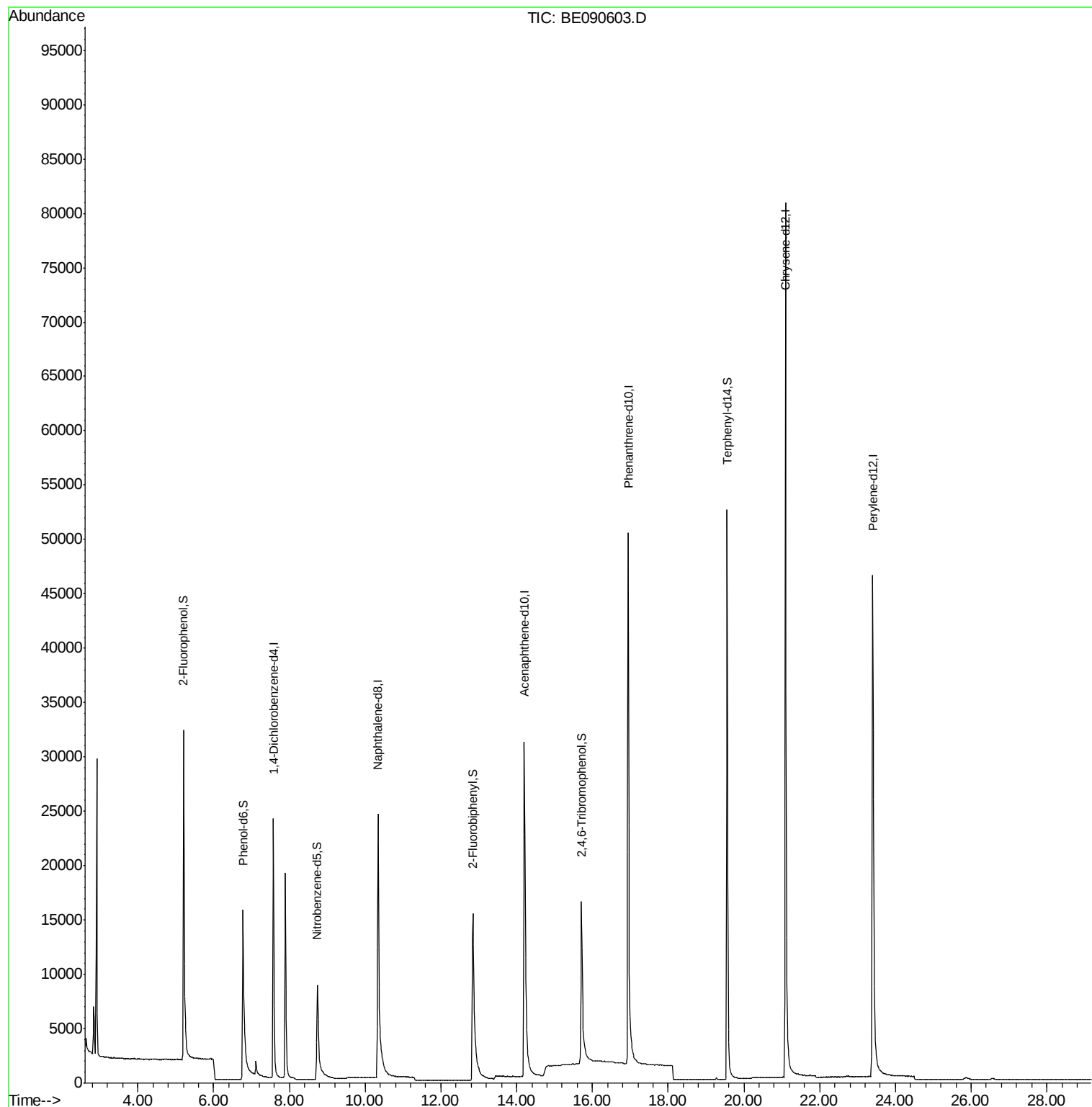
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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

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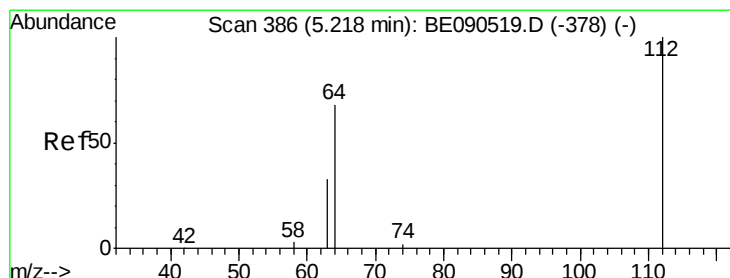
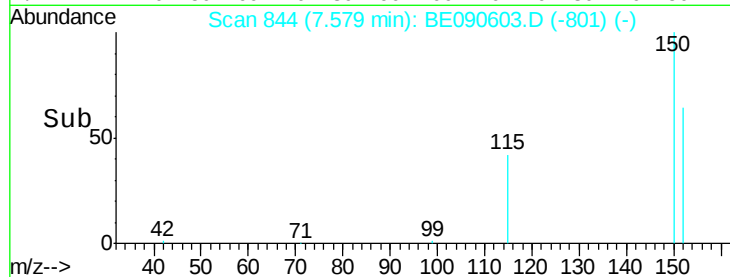
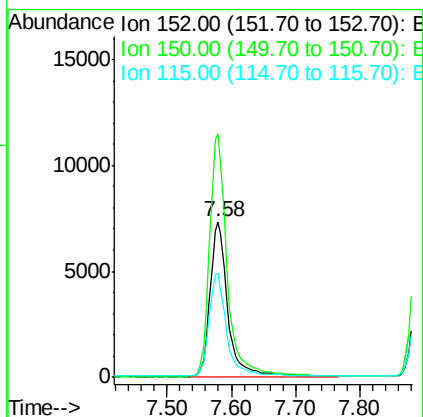
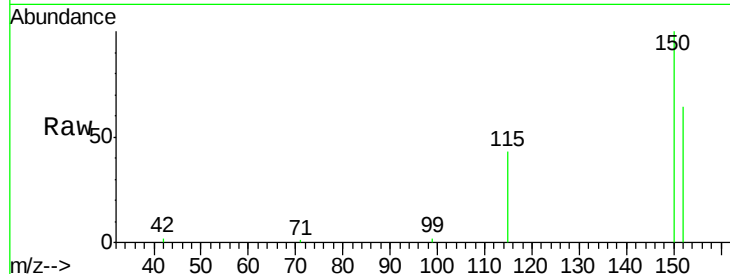




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.58 min Scan# 844  
 Delta R.T. -0.00 min  
 Lab File: BE090603.D  
 Acq: 24 Aug 2015 16:21

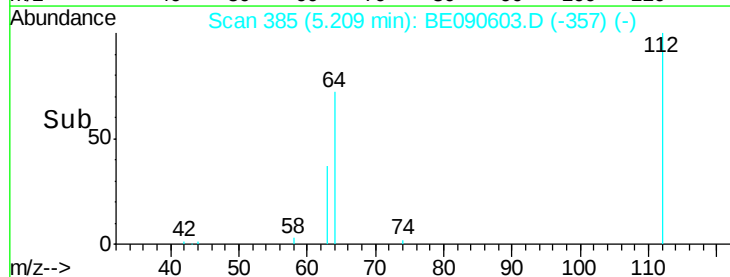
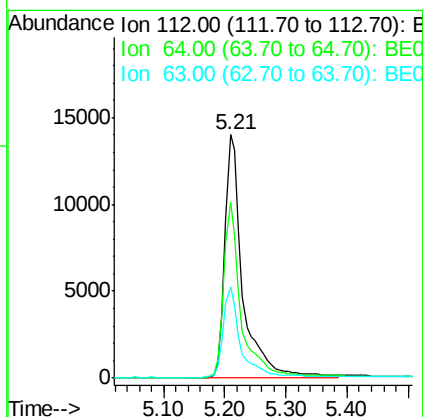
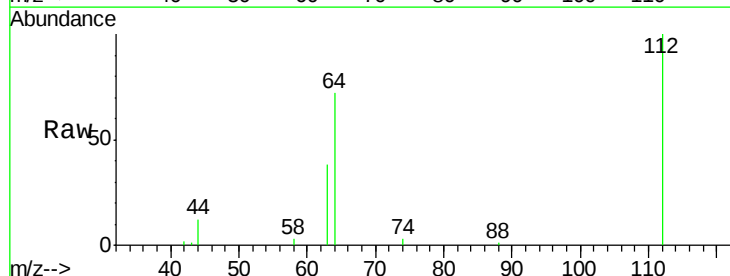
Instrument :  
 BNA\_E  
 ClientSampleId :  
 IDOC-W-BL

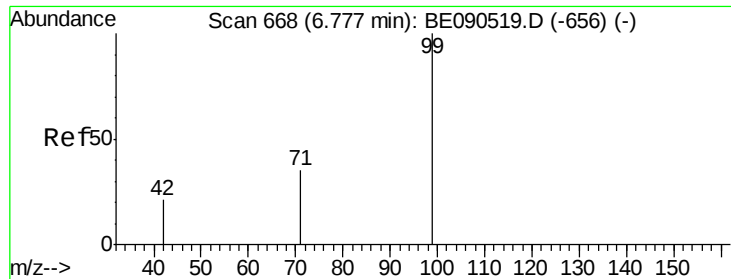
Tgt Ion:152 Resp: 13949  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 123.0 184.4  
 115 66.9 48.9 73.3



#4  
 2-Fluorophenol  
 Concen: 7.02 ng  
 RT: 5.21 min Scan# 385  
 Delta R.T. -0.01 min  
 Lab File: BE090603.D  
 Acq: 24 Aug 2015 16:21

Tgt Ion:112 Resp: 28318  
 Ion Ratio Lower Upper  
 112 100  
 64 69.6 37.1 55.7#  
 63 36.2 19.5 29.3#





#5

Phenol-d6

Concen: 5.55 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

Instrument :

BNA\_E

ClientSampleId :

IDOC-W-BL

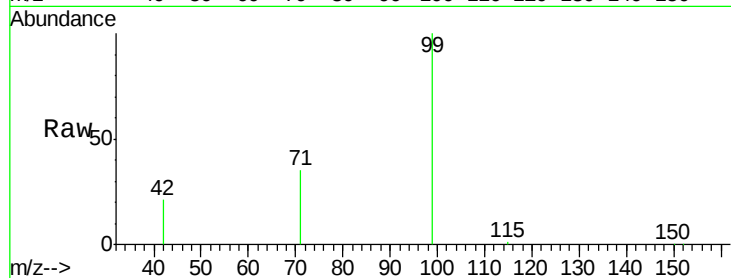
Tgt Ion: 99 Resp: 32909

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.4

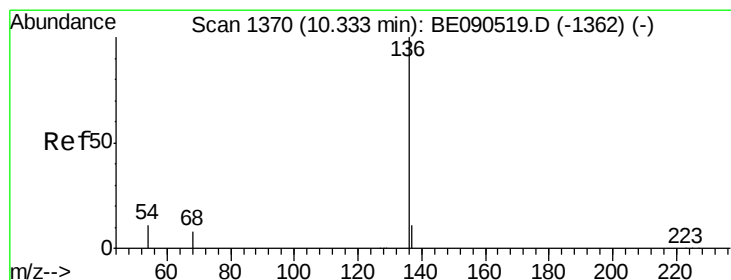
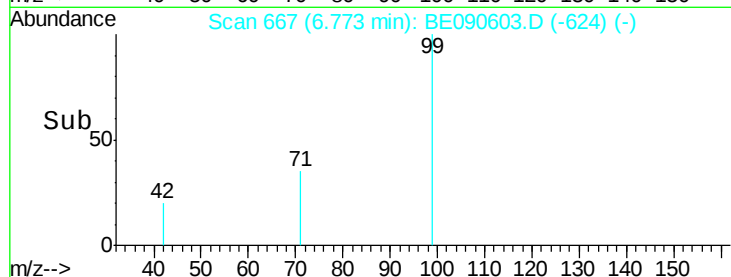
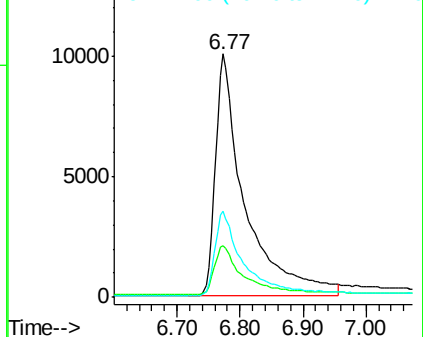
71 35.4 27.4 41.0



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

Tgt Ion: 136 Resp: 57659

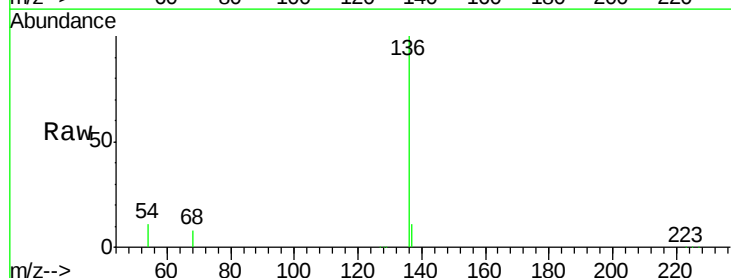
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.3 9.4 14.0

68 8.3 6.5 9.7

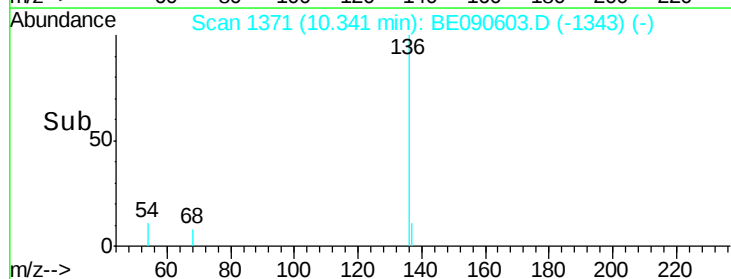
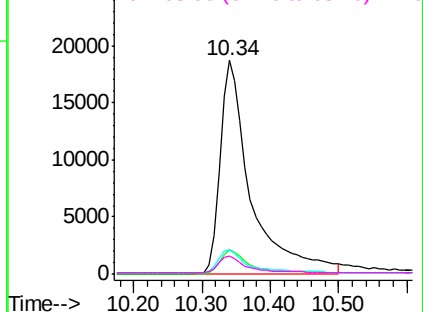


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 3.66 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

Instrument :

BNA\_E

ClientSampleId :

IDOC-W-BL

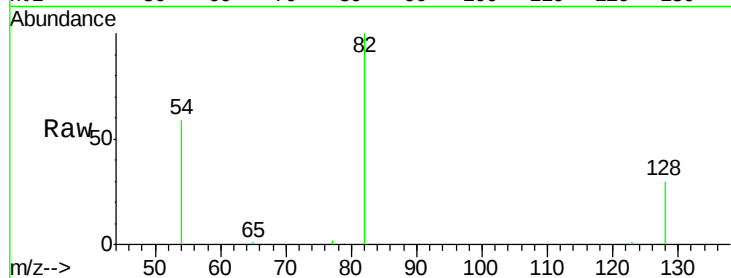
Tgt Ion: 82 Resp: 16831

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

54 58.5 48.8 73.2

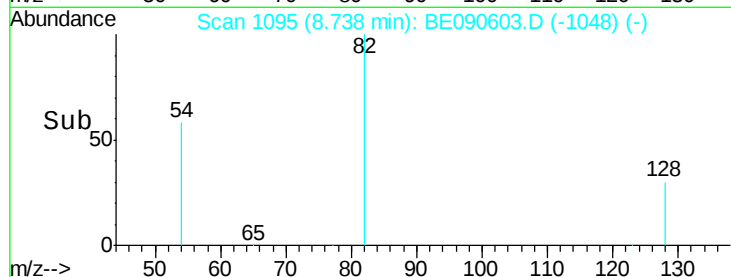


Abundance Ion 82.00 (81.70 to 82.70): BE090519.D (-1082) (-)

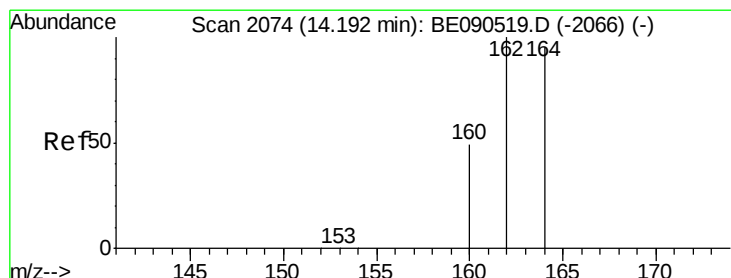
Ion 128.00 (127.70 to 128.70): BE090519.D (-1082) (-)

Ion 54.00 (53.70 to 54.70): BE090519.D (-1082) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.21 min Scan# 2076

Delta R.T. 0.01 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

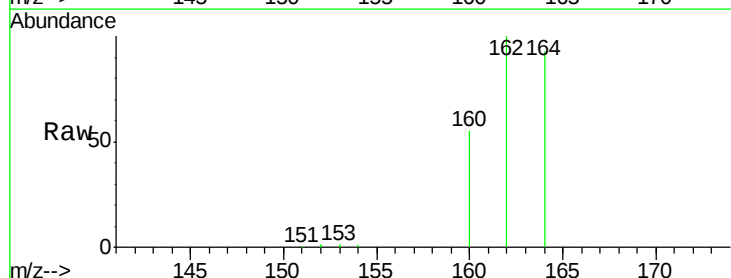
Tgt Ion: 164 Resp: 34098

Ion Ratio Lower Upper

164 100

162 107.0 81.8 122.8

160 58.5 44.2 66.4

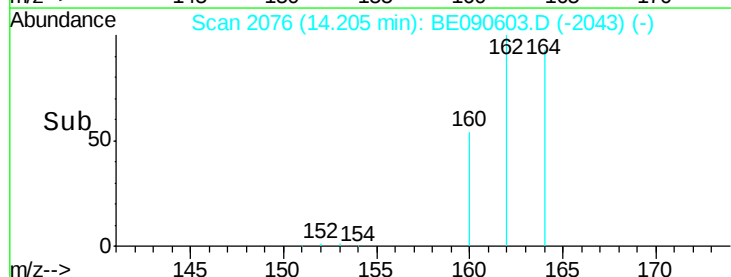


Abundance Ion 164.00 (163.70 to 164.70): BE090519.D (-2066) (-)

Ion 162.00 (161.70 to 162.70): BE090519.D (-2066) (-)

Ion 160.00 (159.70 to 160.70): BE090519.D (-2066) (-)

Time-->



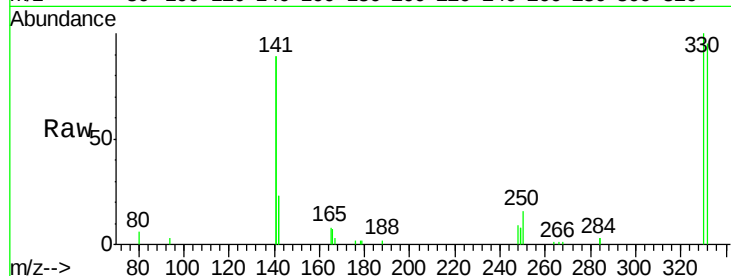
Time-->



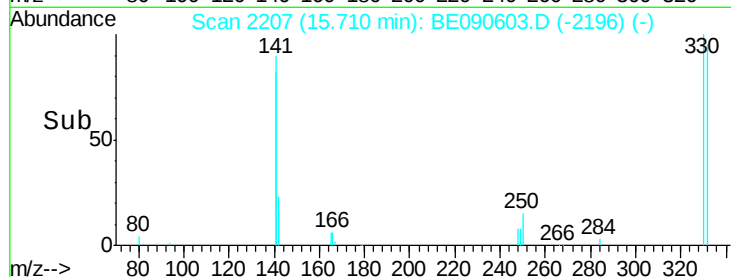
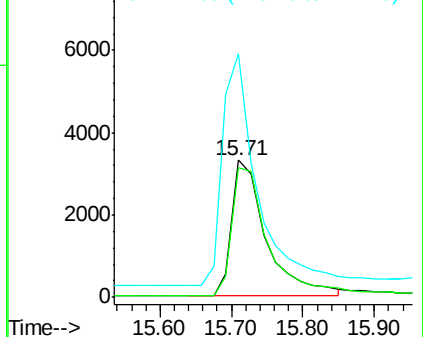
#13  
 2,4,6-Tribromophenol  
 Concen: 8.37 ng  
 RT: 15.71 min Scan# 2207  
 Delta R.T. -0.00 min  
 Lab File: BE090603.D  
 Acq: 24 Aug 2015 16:21

Instrument :  
 BNA\_E  
 ClientSampleId :  
 IDOC-W-BL

Tgt Ion:330 Resp: 10982  
 Ion Ratio Lower Upper  
 330 100  
 332 98.7 75.8 113.6  
 141 174.6 114.4 171.6#

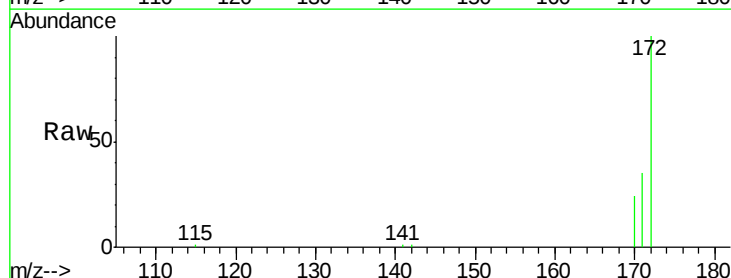


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

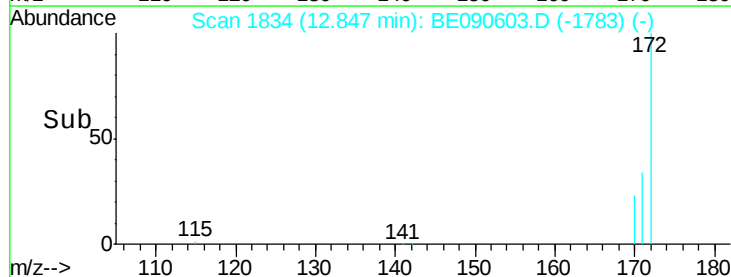
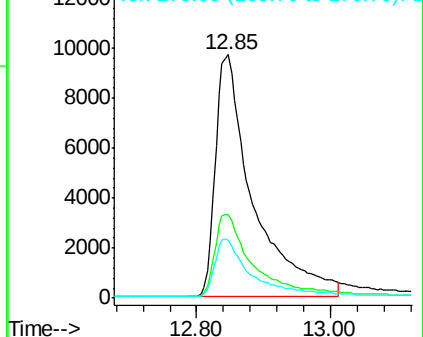


#14  
 2-Fluorobiphenyl  
 Concen: 3.75 ng  
 RT: 12.85 min Scan# 1834  
 Delta R.T. 0.03 min  
 Lab File: BE090603.D  
 Acq: 24 Aug 2015 16:21

Tgt Ion:172 Resp: 38147  
 Ion Ratio Lower Upper  
 172 100  
 171 34.5 28.5 42.7  
 170 23.6 19.8 29.8



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

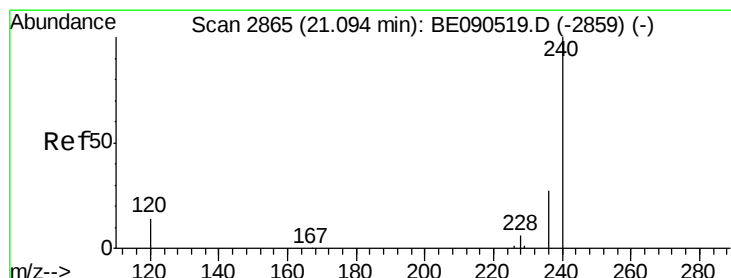
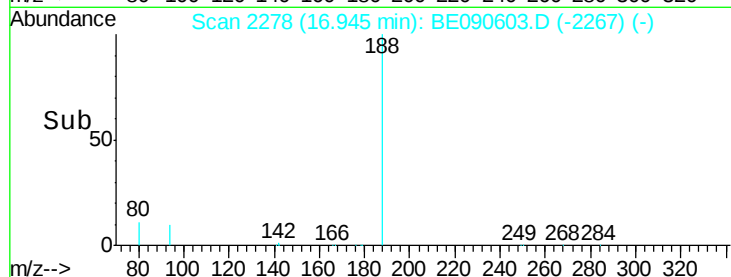
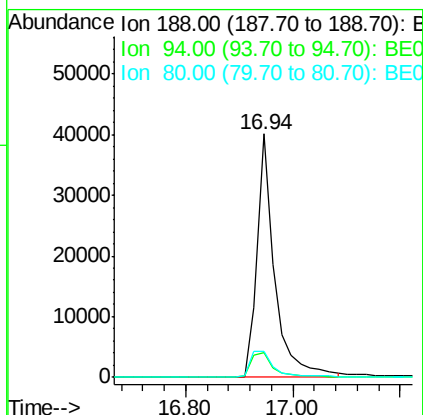
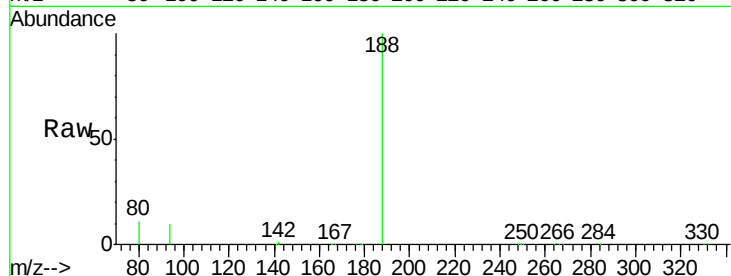




#18  
Phenanthrene-d10  
Concen: 5.00 ng  
RT: 16.94 min Scan# 2278  
Delta R.T. -0.00 min  
Lab File: BE090603.D  
Acq: 24 Aug 2015 16:21

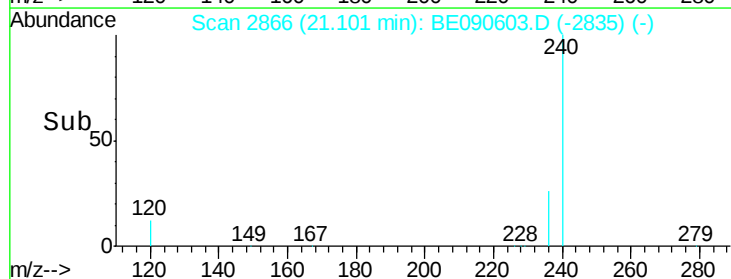
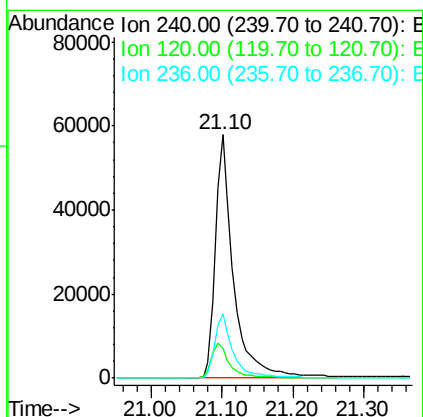
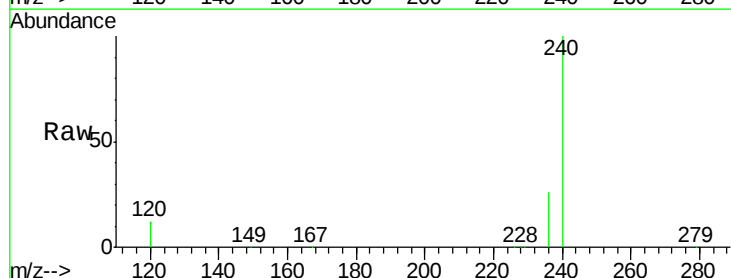
Instrument :  
BNA\_E  
ClientSampleId :  
IDOC-W-BL

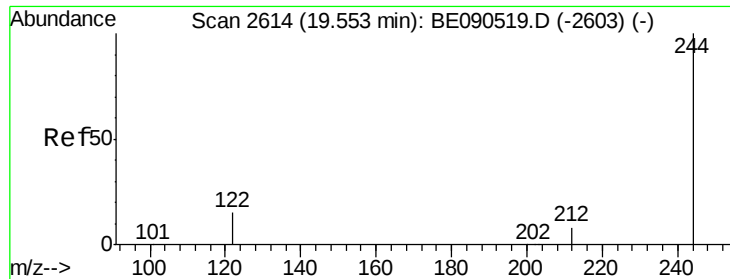
Tgt Ion:188 Resp: 91184  
Ion Ratio Lower Upper  
188 100  
94 10.0 5.7 8.5#  
80 10.9 5.8 8.8#



#25  
Chrysene-d12  
Concen: 5.00 ng  
RT: 21.10 min Scan# 2866  
Delta R.T. 0.01 min  
Lab File: BE090603.D  
Acq: 24 Aug 2015 16:21

Tgt Ion:240 Resp: 103679  
Ion Ratio Lower Upper  
240 100  
120 12.2 8.3 12.5  
236 26.4 21.0 31.4

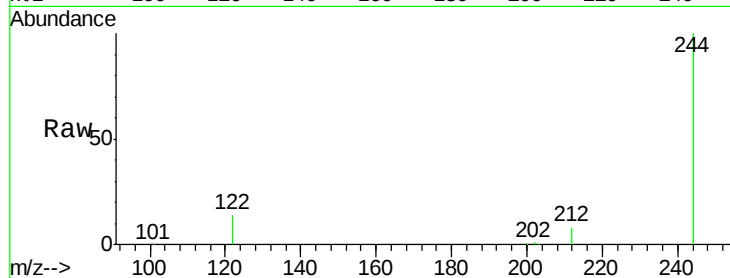




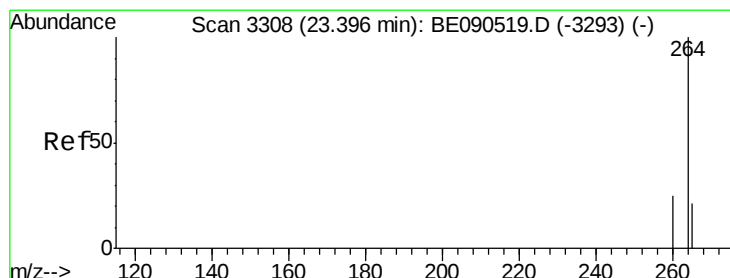
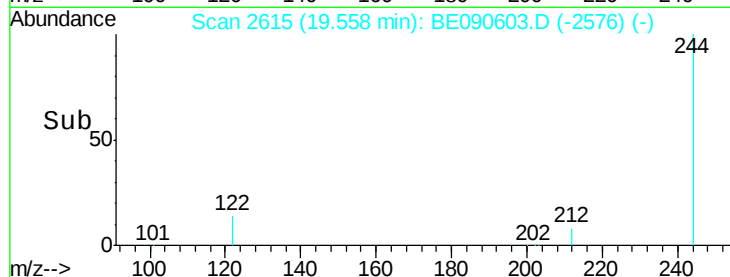
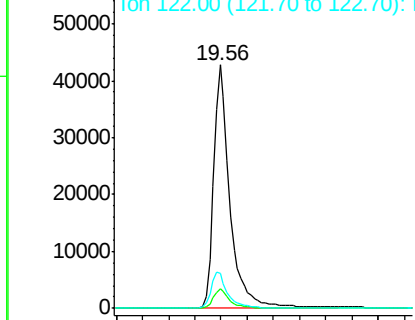
#27  
 Terphenyl-d14  
 Concen: 3.90 ng  
 RT: 19.56 min Scan# 2615  
 Delta R.T. 0.01 min  
 Lab File: BE090603.D  
 Acq: 24 Aug 2015 16:21

Instrument :  
 BNA\_E  
 ClientSampled :  
 IDOC-W-BL

Tgt Ion:244 Resp: 74042  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.6 9.8  
 122 14.1 10.2 15.4

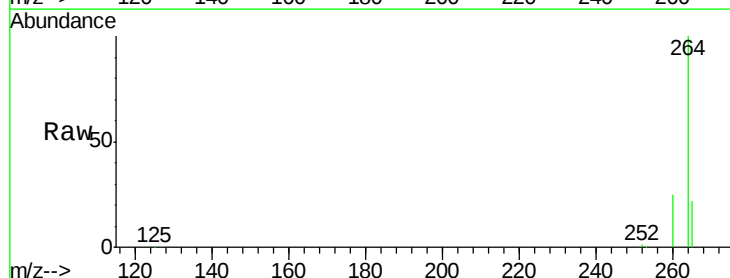


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#32  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.41 min Scan# 3310  
 Delta R.T. 0.01 min  
 Lab File: BE090603.D  
 Acq: 24 Aug 2015 16:21

Tgt Ion:264 Resp: 89605  
 Ion Ratio Lower Upper  
 264 100  
 260 25.1 20.1 30.1  
 265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

