

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE111816\  
 Data File : BE092565.D  
 Acq On : 18 Nov 2016 14:27  
 Operator : UM/SJ  
 Sample : H5636-04RX  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CPS043044RX

Quant Time: Nov 18 23:32:50 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE111616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 15:43:18 2016  
 Response via : Initial Calibration

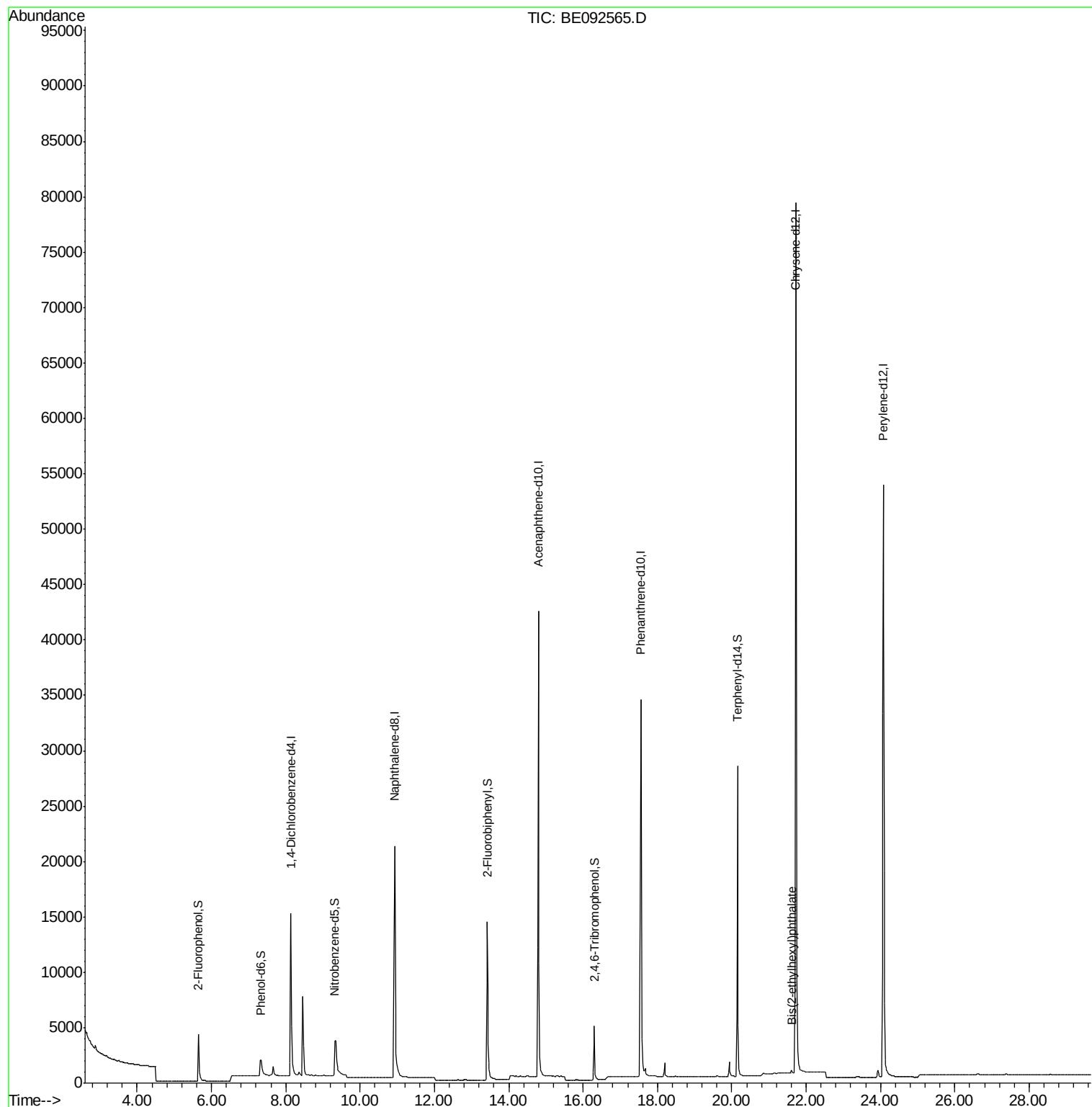
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.14  | 152  | 9185     | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8              | 10.93 | 136  | 40166    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.80 | 164  | 27717    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.56 | 188  | 62872    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12               | 21.72 | 240  | 96171    | 5.00 | ng    | 0.00     |
| 31) Perylene-d12               | 24.08 | 264  | 81937    | 5.00 | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.65  | 112  | 4721     | 3.04 | ng    | -0.02    |
| 5) Phenol-d6                   | 7.33  | 99   | 3773     | 1.55 | ng    | -0.02    |
| 8) Nitrobenzene-d5             | 9.32  | 82   | 7084     | 2.75 | ng    | -0.05    |
| 13) 2,4,6-Tribromophenol       | 16.30 | 330  | 3890     | 6.26 | ng    | -0.01    |
| 14) 2-Fluorobiphenyl           | 13.42 | 172  | 18700    | 2.77 | ng    | -0.01    |
| 26) Terphenyl-d14              | 20.16 | 244  | 32876    | 2.99 | ng    | -0.02    |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 29) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 461      | 0.19 | ng    | # 73     |

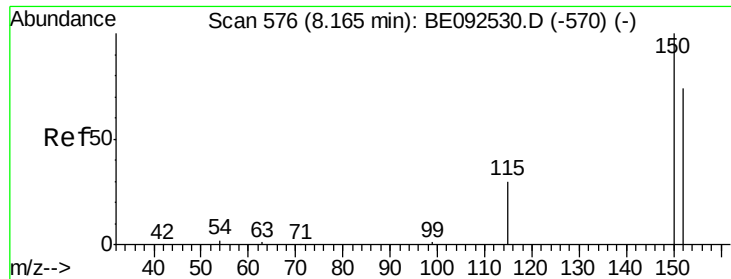
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE111816\  
Data File : BE092565.D  
Acq On : 18 Nov 2016 14:27  
Operator : UM/SJ  
Sample : H5636-04RX  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
CPS043044RX

Quant Time: Nov 18 23:32:50 2016  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE111616.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 16 15:43:18 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092565.D

Acq: 18 Nov 2016 14:27

Instrument :

BNA\_E

ClientSampleId :

CPS043044RX

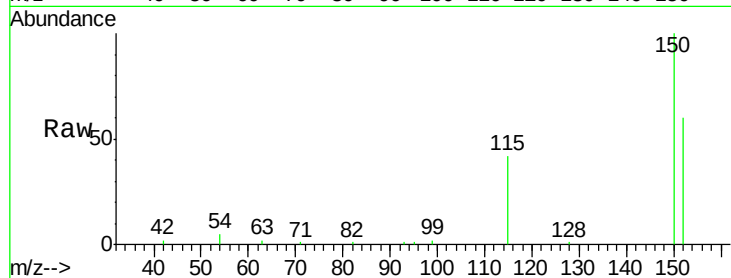
Tgt Ion:152 Resp: 9185

Ion Ratio Lower Upper

152 100

150 167.3 106.0 159.0#

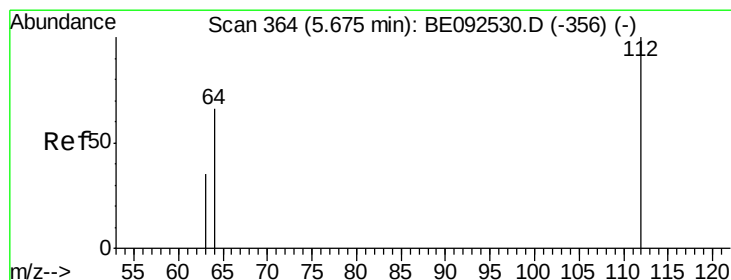
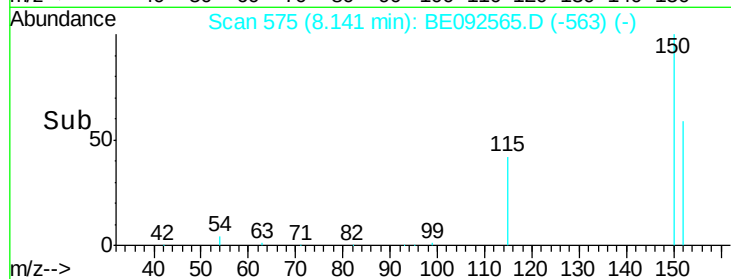
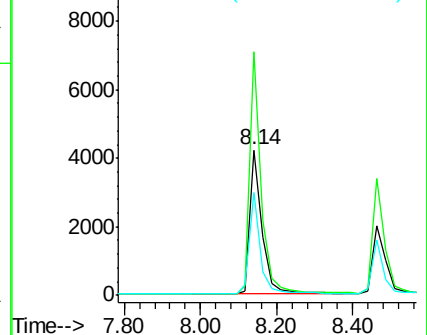
115 70.4 31.2 46.8#



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



#4

2-Fluorophenol

Concen: 3.04 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.02 min

Lab File: BE092565.D

Acq: 18 Nov 2016 14:27

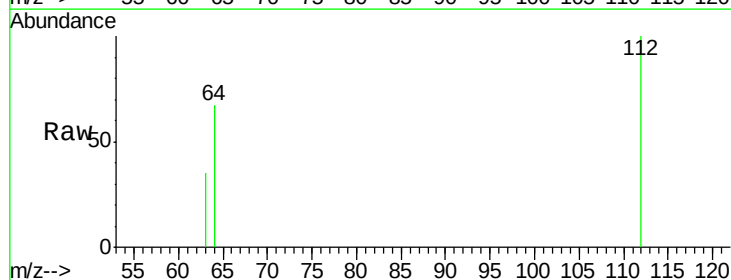
Tgt Ion:112 Resp: 4721

Ion Ratio Lower Upper

112 100

64 67.5 53.5 80.3

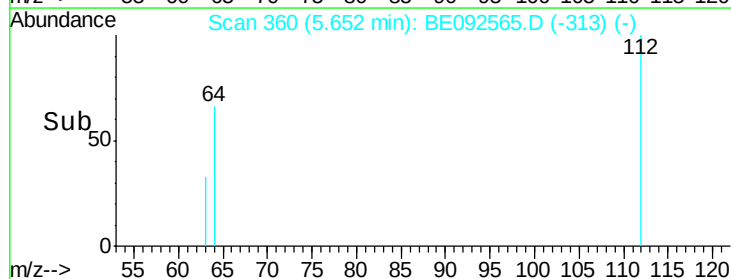
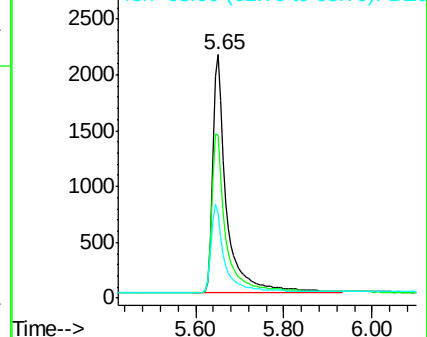
63 36.3 27.9 41.9

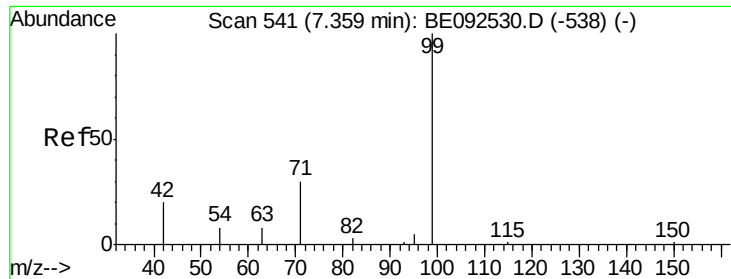


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.55 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092565.D

Acq: 18 Nov 2016 14:27

Instrument :

BNA\_E

ClientSampleId :

CPS043044RX

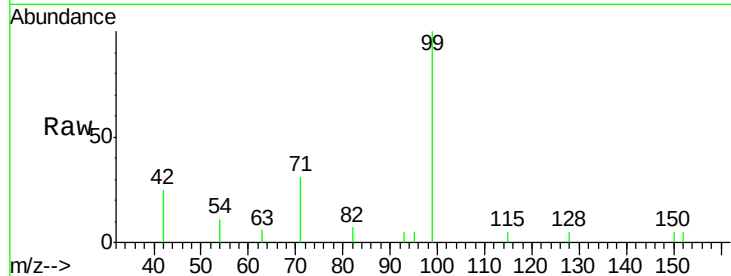
Tgt Ion: 99 Resp: 3773

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

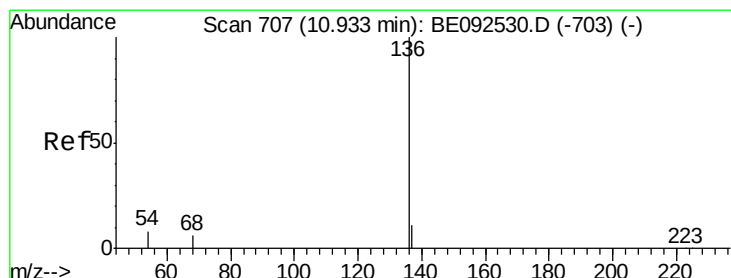
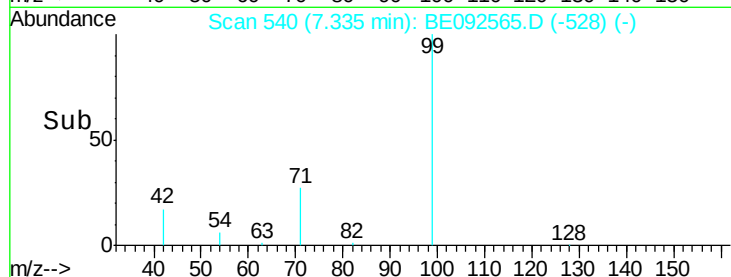
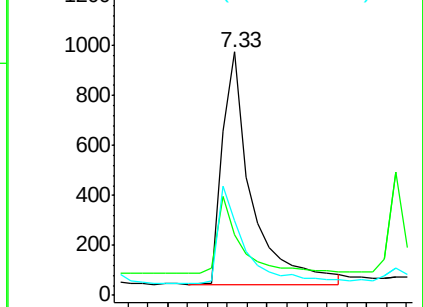
71 0.0 30.6 45.8#



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092565.D

Acq: 18 Nov 2016 14:27

Tgt Ion: 136 Resp: 40166

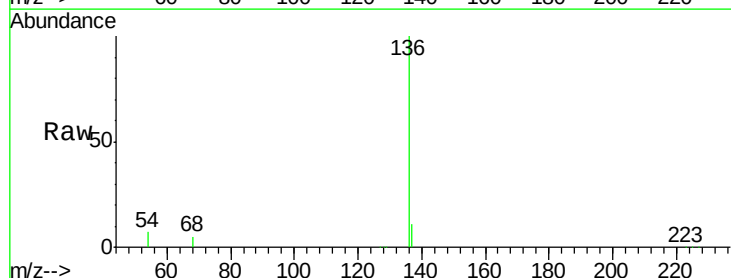
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 6.6 9.6 14.4#

68 4.9 6.7 10.1#

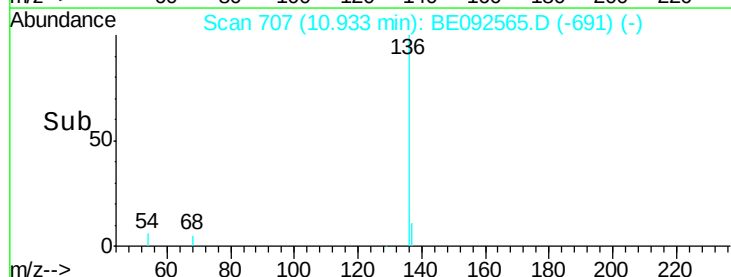
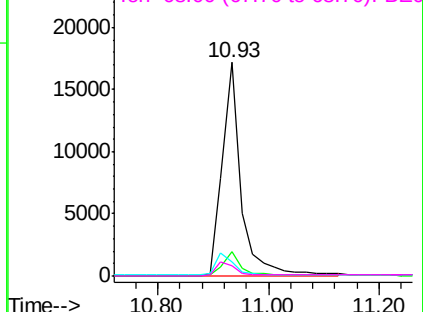


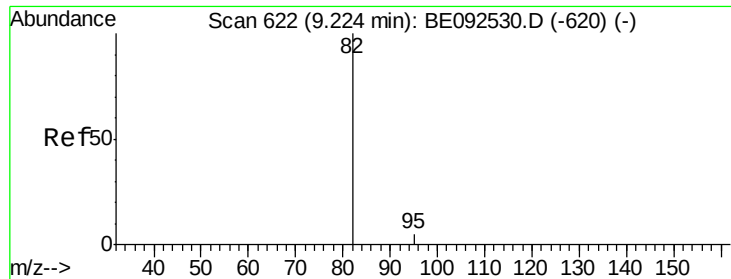
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 2.75 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092565.D

Acq: 18 Nov 2016 14:27

Instrument :

BNA\_E

ClientSampleId :

CPS043044RX

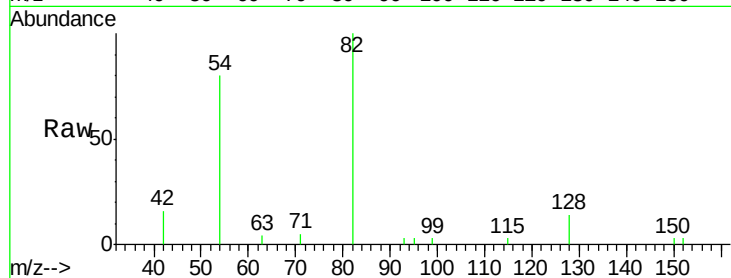
Tgt Ion: 82 Resp: 7084

Ion Ratio Lower Upper

82 100

128 14.1 39.0 58.4#

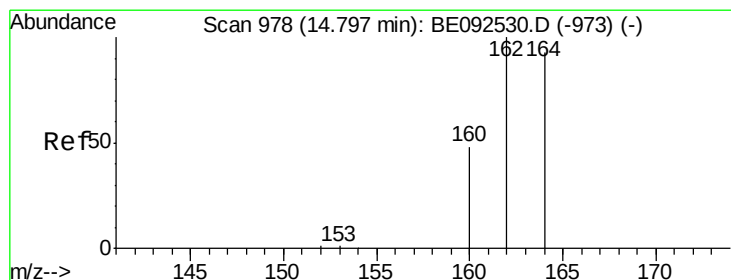
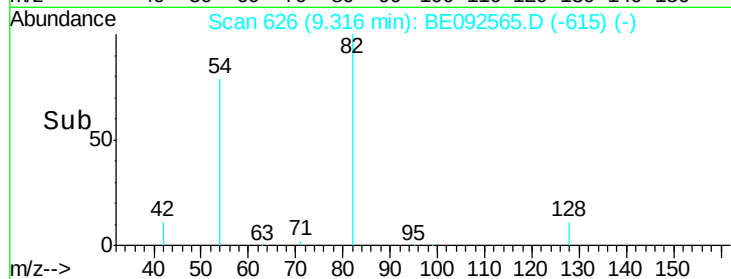
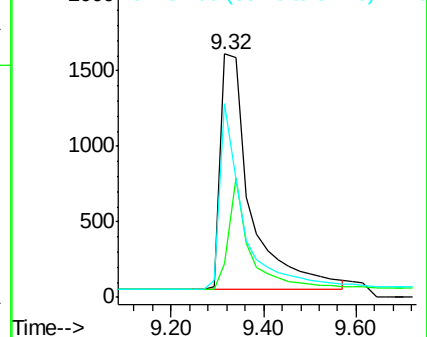
54 79.8 44.8 67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092565.D

Acq: 18 Nov 2016 14:27

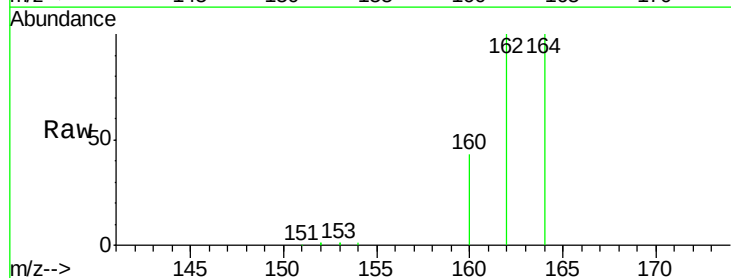
Tgt Ion: 164 Resp: 27717

Ion Ratio Lower Upper

164 100

162 100.2 71.4 107.0

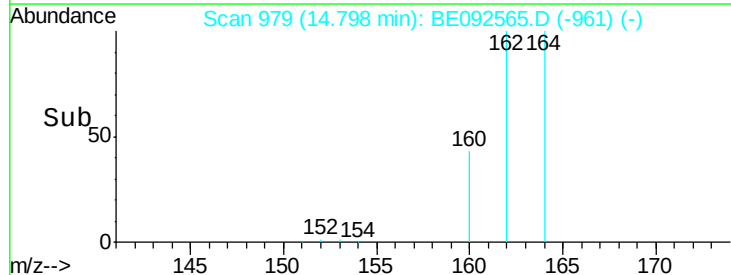
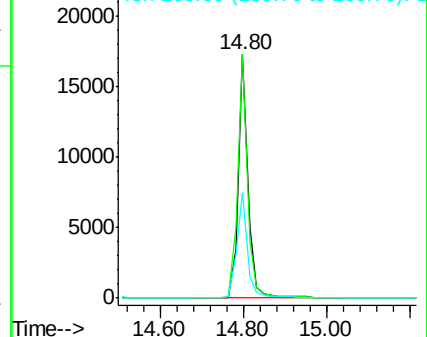
160 43.2 27.4 41.2#

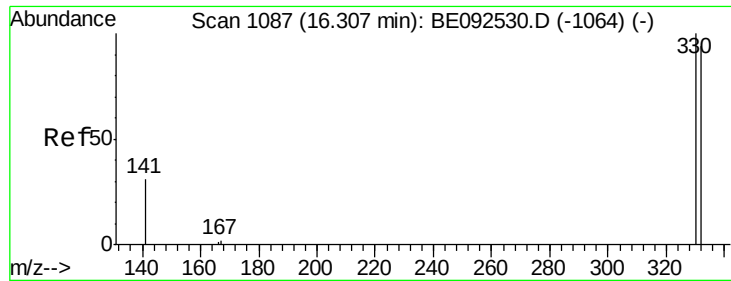


Abundance Ion 164.00 (163.70 to 164.70): BE0

Ion 162.00 (161.70 to 162.70): BE0

Ion 160.00 (159.70 to 160.70): BE0

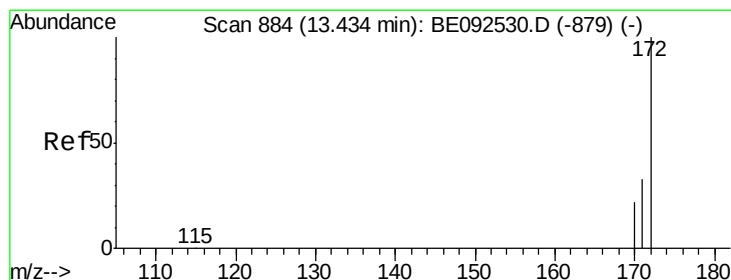
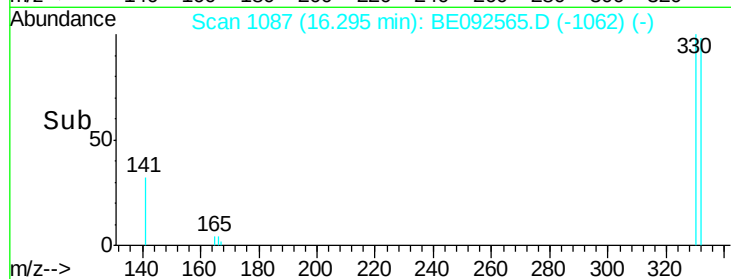
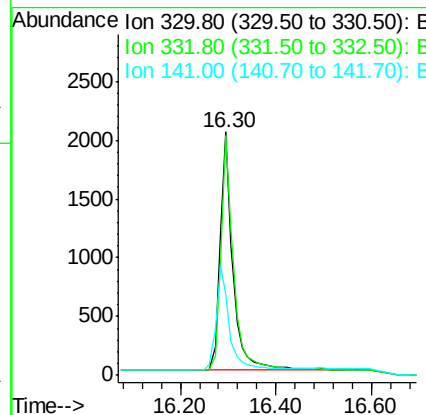
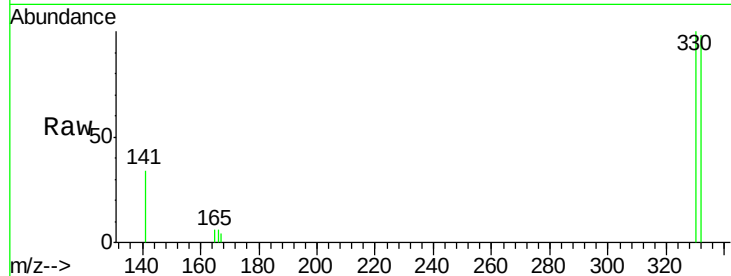




#13  
 2,4,6-Tribromophenol  
 Concen: 6.26 ng  
 RT: 16.30 min Scan# 1087  
 Delta R.T. -0.01 min  
 Lab File: BE092565.D  
 Acq: 18 Nov 2016 14:27

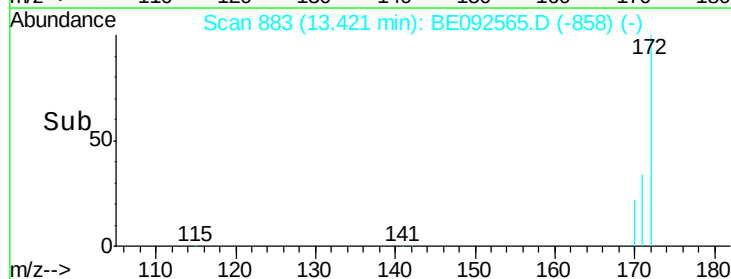
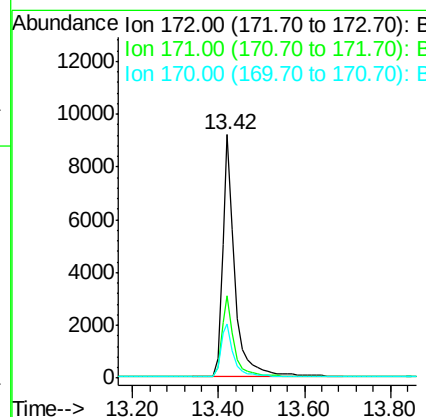
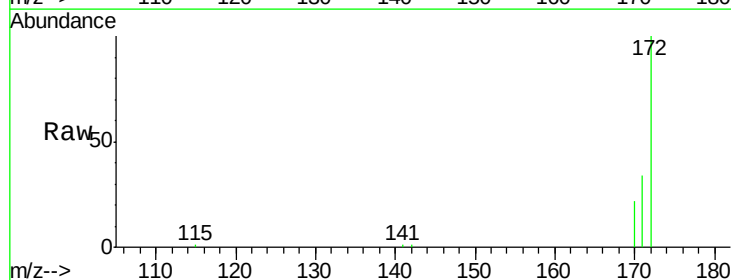
Instrument :  
 BNA\_E  
 ClientSampleId :  
 CPS043044RX

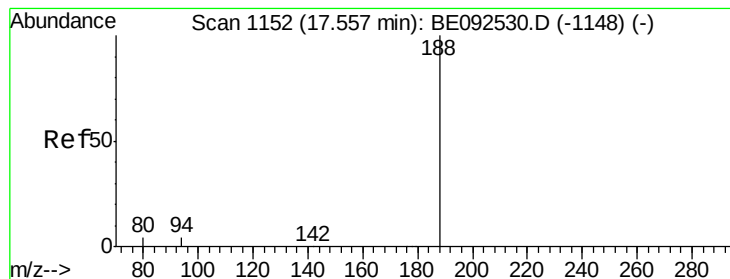
Tgt Ion: 330 Resp: 3890  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 75.4 113.0  
 141 44.0 31.0 46.6



#14  
 2-Fluorobiphenyl  
 Concen: 2.77 ng  
 RT: 13.42 min Scan# 883  
 Delta R.T. -0.01 min  
 Lab File: BE092565.D  
 Acq: 18 Nov 2016 14:27

Tgt Ion: 172 Resp: 18700  
 Ion Ratio Lower Upper  
 172 100  
 171 33.9 30.1 45.1  
 170 22.2 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092565.D

Acq: 18 Nov 2016 14:27

Instrument :

BNA\_E

ClientSampleId :

CPS043044RX

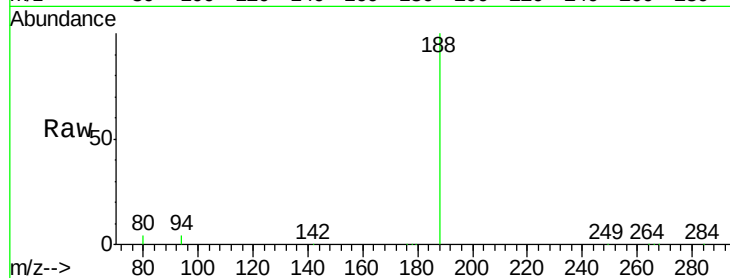
Tgt Ion:188 Resp: 62872

Ion Ratio Lower Upper

188 100

94 4.2 3.2 4.8

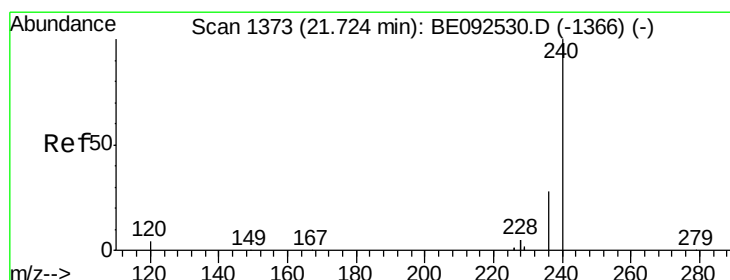
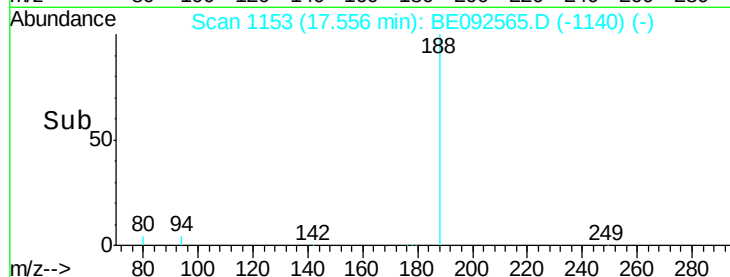
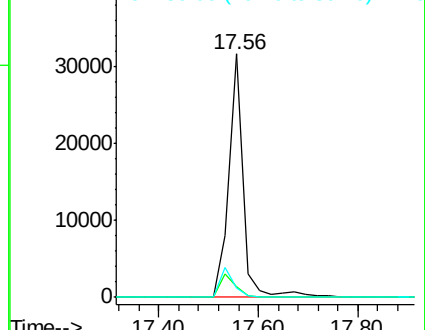
80 3.7 2.6 3.8



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092565.D

Acq: 18 Nov 2016 14:27

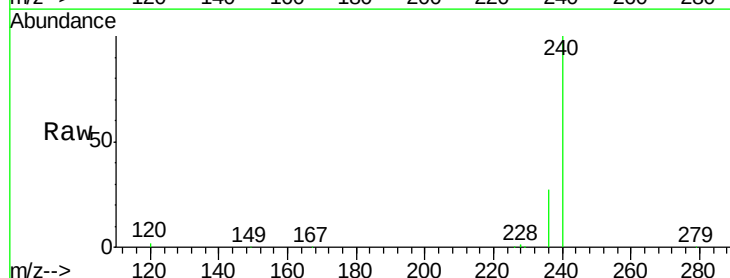
Tgt Ion:240 Resp: 96171

Ion Ratio Lower Upper

240 100

120 2.4 2.6 4.0#

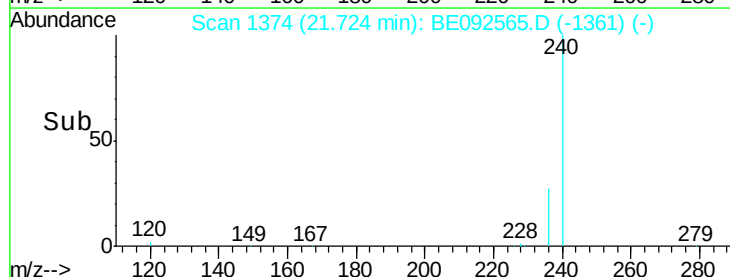
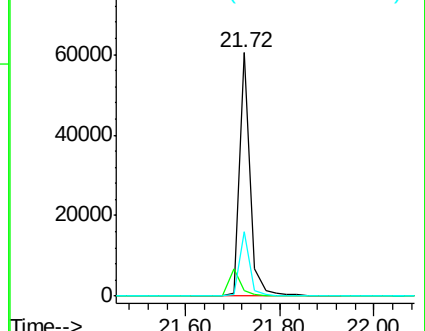
236 26.7 24.6 37.0

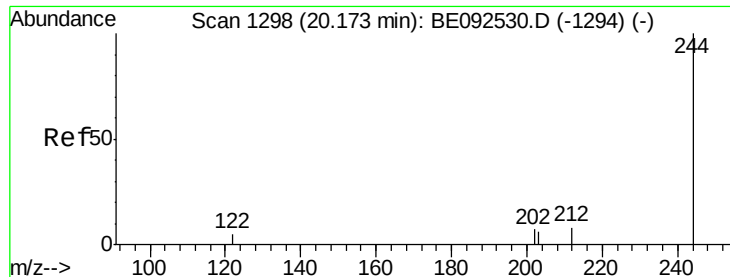


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 2.99 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092565.D

Acq: 18 Nov 2016 14:27

Instrument :

BNA\_E

ClientSampleId :

CPS043044RX

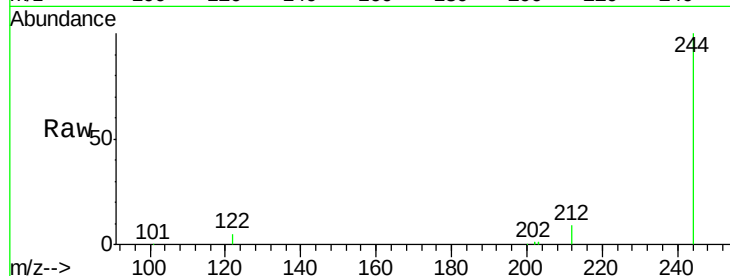
Tgt Ion:244 Resp: 32876

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

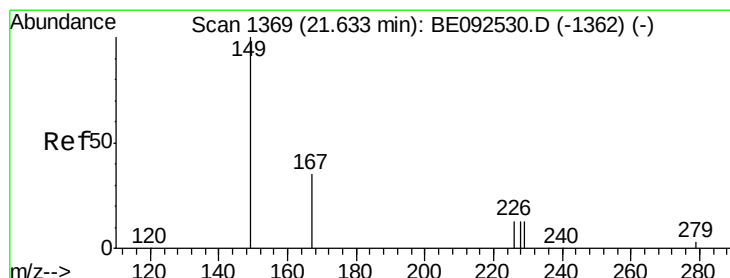
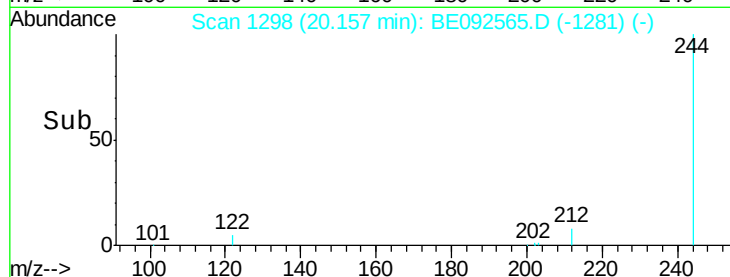
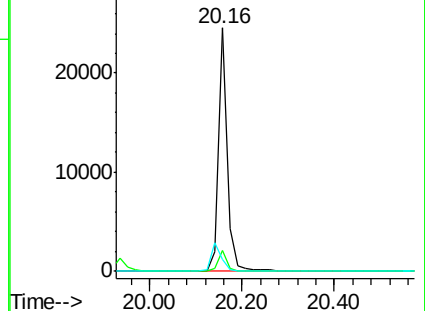
122 4.8 3.6 5.4



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



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.19 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092565.D

Acq: 18 Nov 2016 14:27

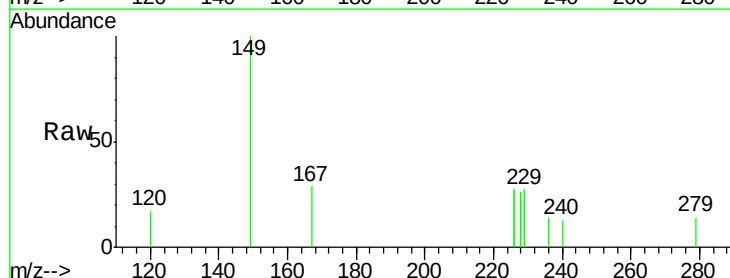
Tgt Ion:149 Resp: 461

Ion Ratio Lower Upper

149 100

167 24.9 16.0 24.0#

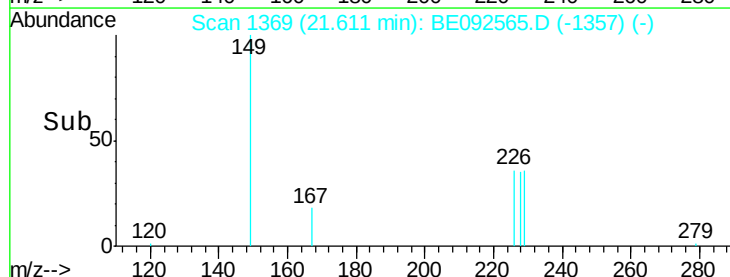
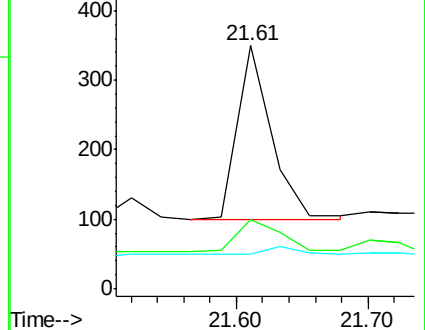
279 0.0 16.0 24.0#



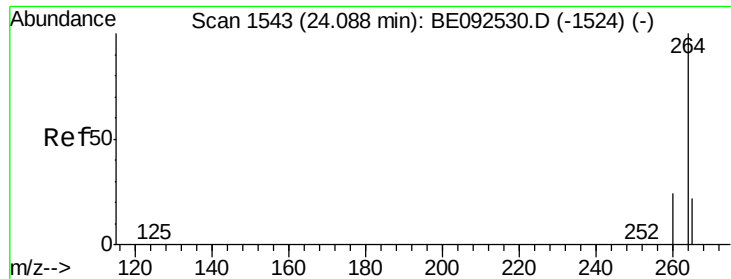
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



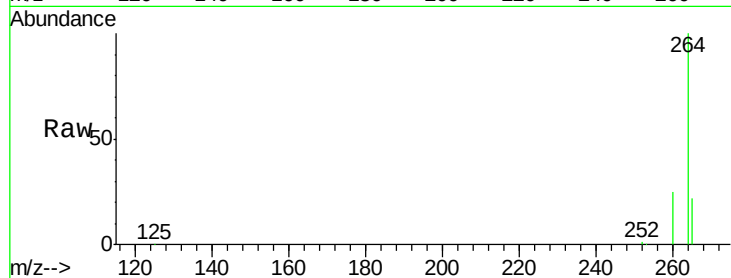




#31  
Perylene-d12  
Concen: 5.00 ng  
RT: 24.08 min Scan# 1543  
Delta R.T. -0.01 min  
Lab File: BE092565.D  
Acq: 18 Nov 2016 14:27

Instrument :  
BNA\_E  
ClientSampleId :  
CPS043044RX

Tgt Ion: 264 Resp: 81937  
Ion Ratio Lower Upper  
264 100  
260 25.2 20.1 30.1  
265 21.7 17.9 26.9



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

