

Data Path : S:\HPCHEM1\BNA\_E\DATA\BE050517\  
 Data File : BE092939.D  
 Acq On : 5 May 2017 21:04  
 Operator : SJ/MA  
 Sample : I2893-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 3061-PP1-DUP

Quant Time: May 06 02:28:58 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE050517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 05 14:05:07 2017  
 Response via : Initial Calibration

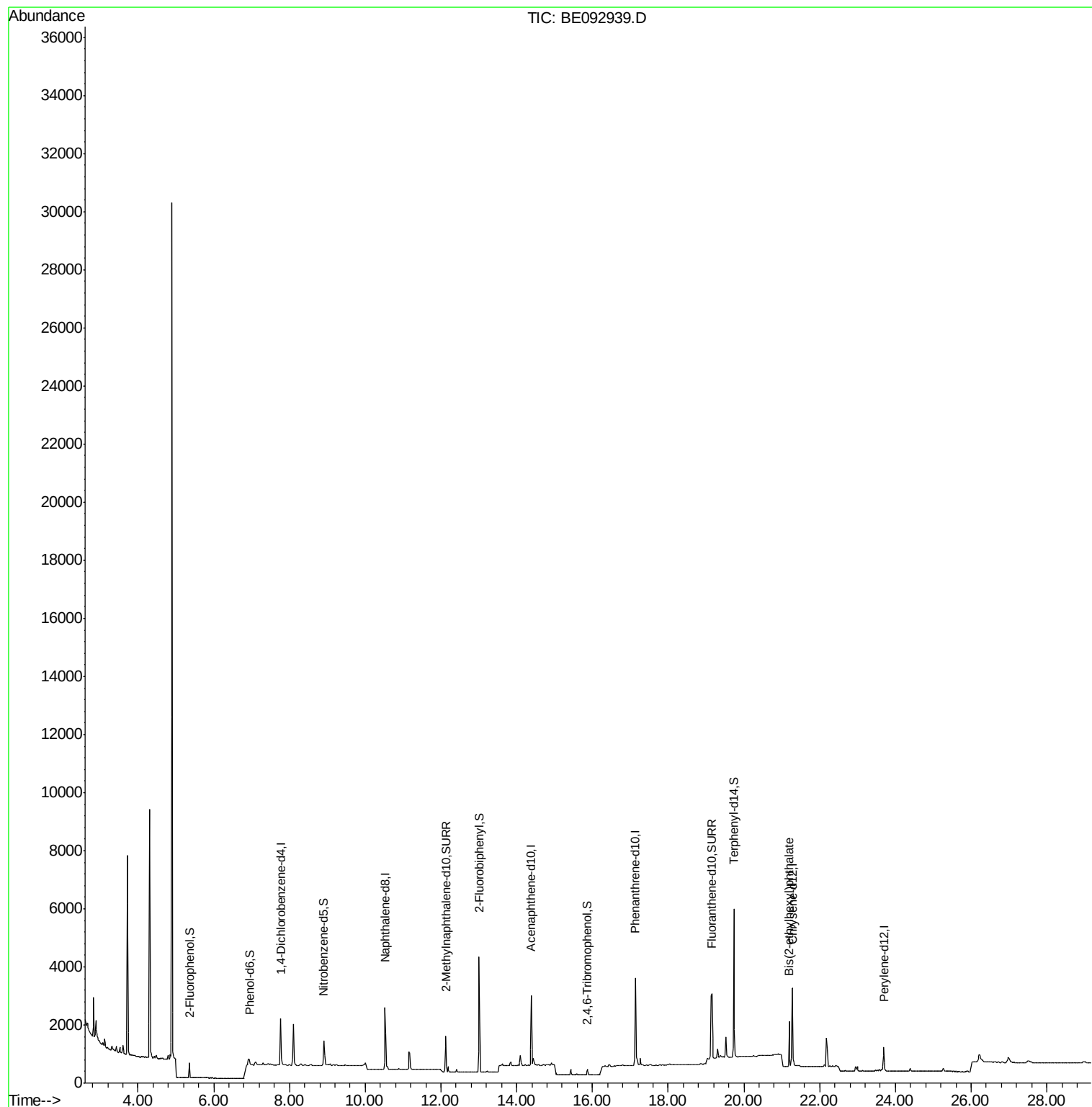
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.77  | 152  | 785      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.52 | 136  | 3247     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.39 | 164  | 1384     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.13 | 188  | 3876     | 0.40 | ng    | 0.00     |
| 26) Chrysene-d12               | 21.28 | 240  | 4141     | 0.40 | ng    | 0.00     |
| 33) Perylene-d12               | 23.69 | 264  | 1237     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.35  | 112  | 368      | 0.21 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.94  | 99   | 300      | 0.12 | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.90  | 82   | 860      | 0.39 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.13 | 152  | 1895     | 0.39 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.87 | 330  | 110      | 0.51 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.01 | 172  | 3581     | 0.56 | ng    | 0.00     |
| 24) Fluoranthene-d10           | 19.15 | 212  | 4261     | 0.47 | ng    | 0.00     |
| 28) Terphenyl-d14              | 19.73 | 244  | 6121     | 0.85 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 31) Bis(2-ethylhexyl)phthalate | 21.20 | 149  | 1521     | 0.57 | ng    | # 99     |

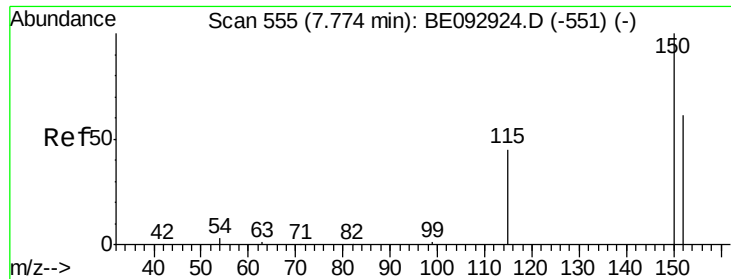
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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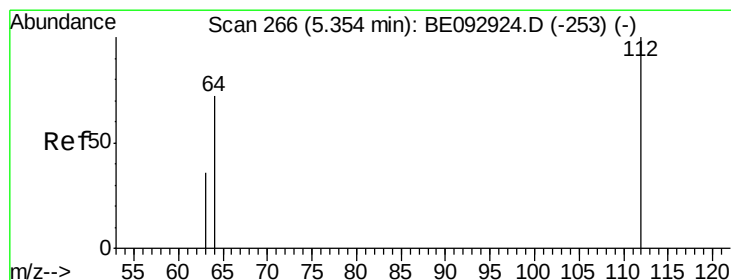
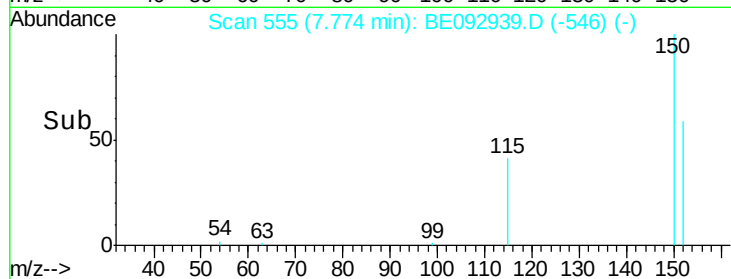
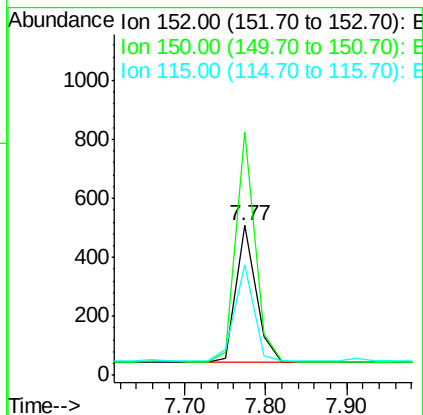
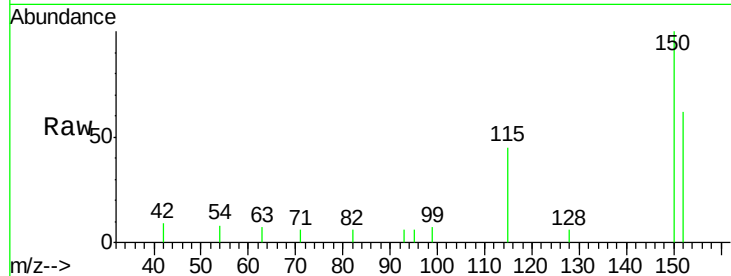


#1

1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.77 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: BE092939.D  
Acq: 5 May 2017 21:04

Instrument :  
BNA\_E  
ClientSampleId :  
3061-PP1-DUP

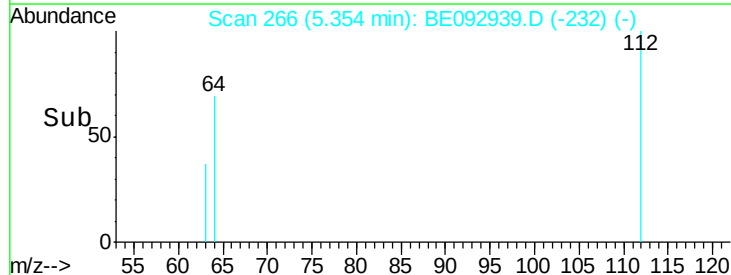
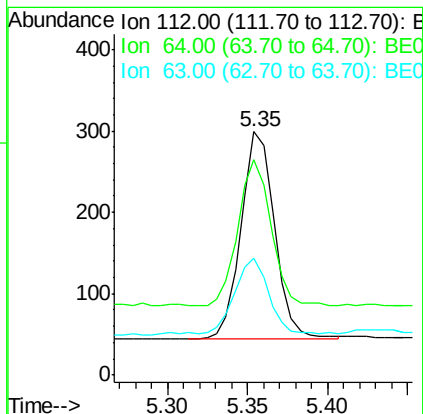
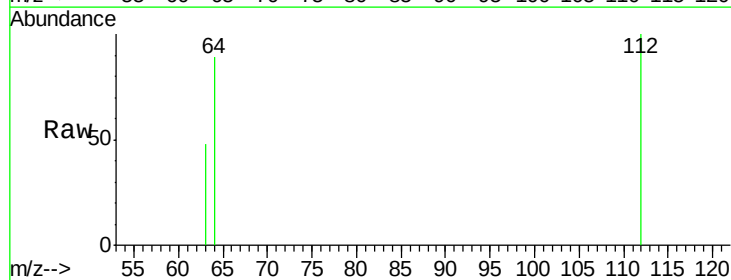
Tgt Ion:152 Resp: 785  
Ion Ratio Lower Upper  
152 100  
150 162.3 129.9 194.9  
115 73.5 62.6 93.8

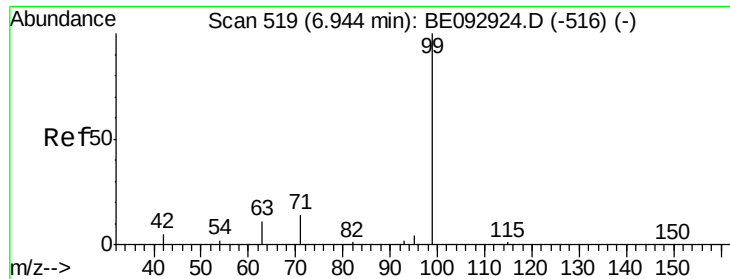


#4

2-Fluorophenol  
Concen: 0.21 ng  
RT: 5.35 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: BE092939.D  
Acq: 5 May 2017 21:04

Tgt Ion:112 Resp: 368  
Ion Ratio Lower Upper  
112 100  
64 70.7 52.6 79.0  
63 36.4 29.0 43.4





#5

Phenol-d6

Concen: 0.12 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092939.D

Acq: 5 May 2017 21:04

Instrument :

BNA\_E

ClientSampleId :

3061-PP1-DUP

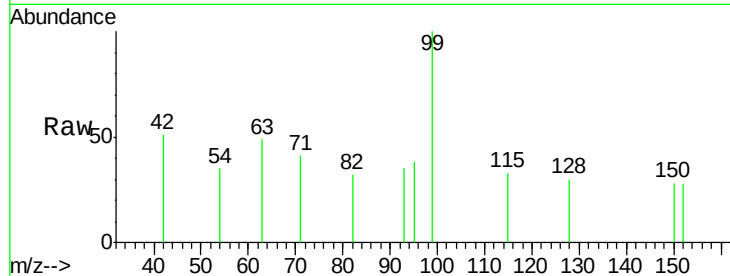
Tgt Ion: 99 Resp: 300

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

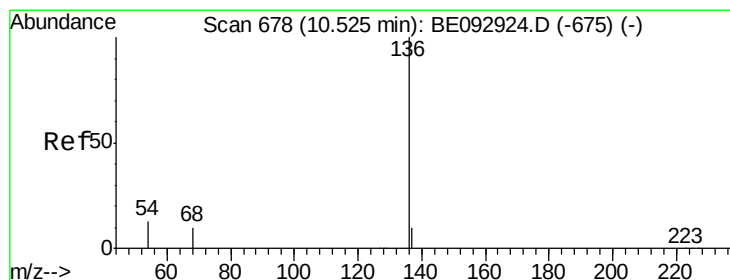
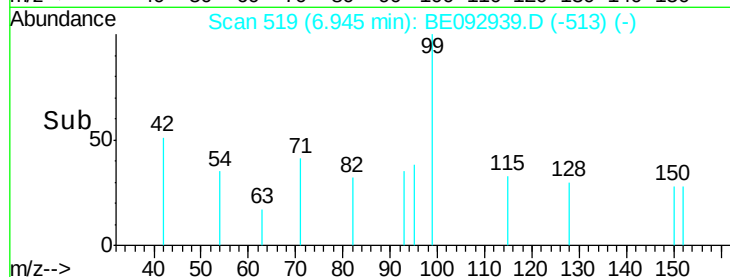
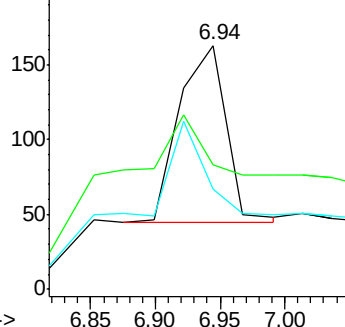
71 0.0 0.0 0.0



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



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092939.D

Acq: 5 May 2017 21:04

Tgt Ion: 136 Resp: 3247

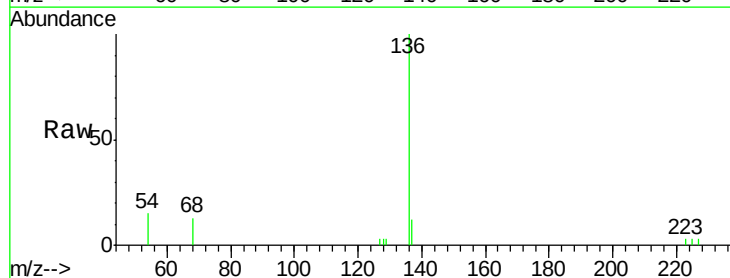
Ion Ratio Lower Upper

136 100

137 12.5 10.4 15.6

54 15.2 12.6 18.8

68 13.2 10.7 16.1

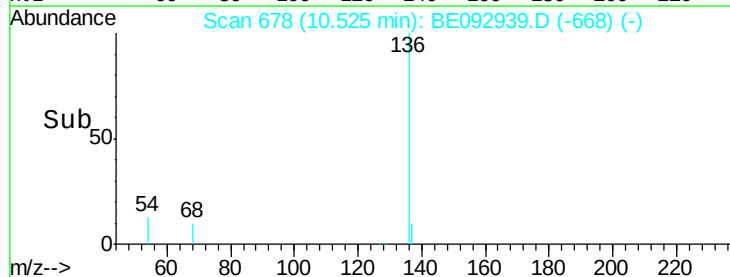
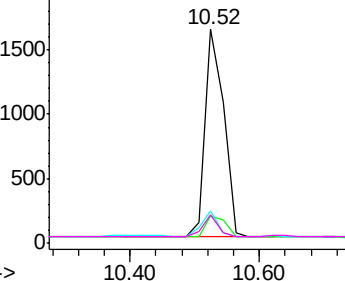


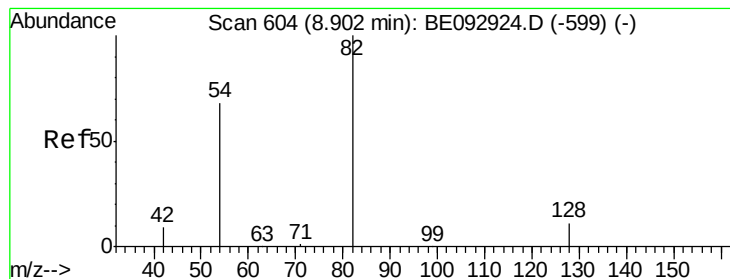
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092939.D

Acq: 5 May 2017 21:04

Instrument :

BNA\_E

ClientSampleId :

3061-PP1-DUP

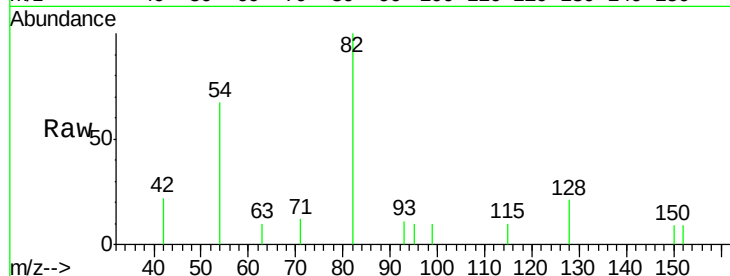
Tgt Ion: 82 Resp: 860

Ion Ratio Lower Upper

82 100

128 21.0 35.3 52.9#

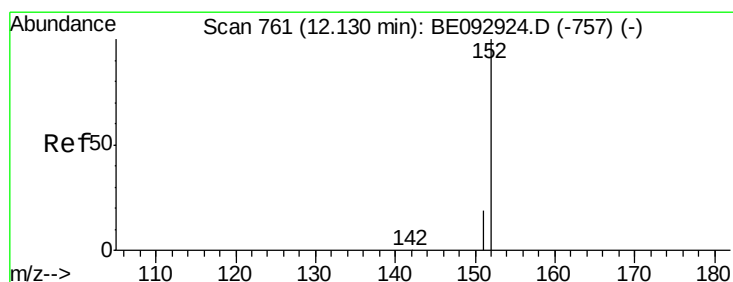
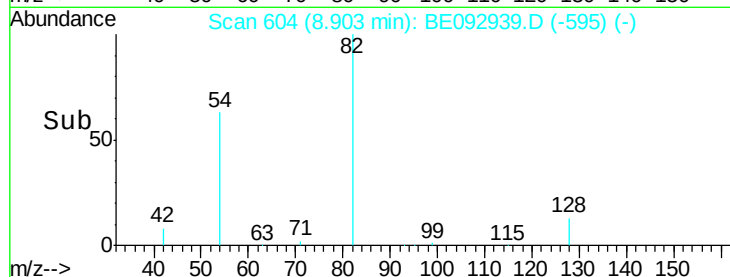
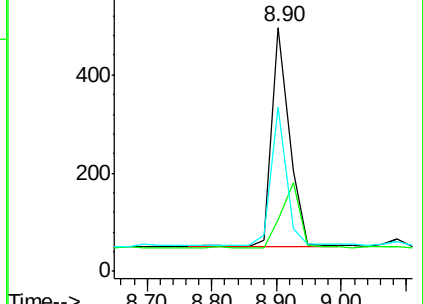
54 67.3 65.1 97.7



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



#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092939.D

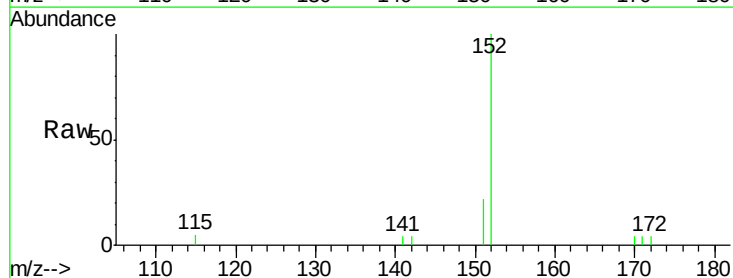
Acq: 5 May 2017 21:04

Tgt Ion: 152 Resp: 1895

Ion Ratio Lower Upper

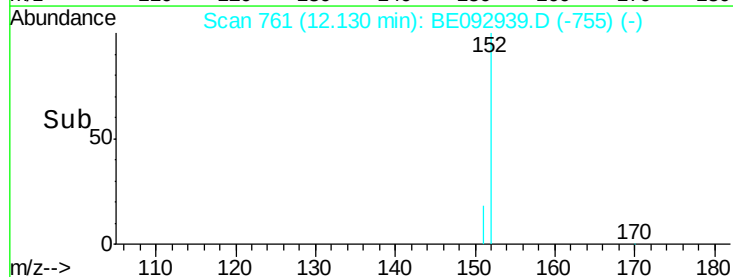
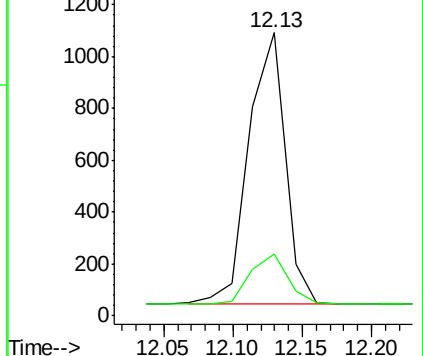
152 100

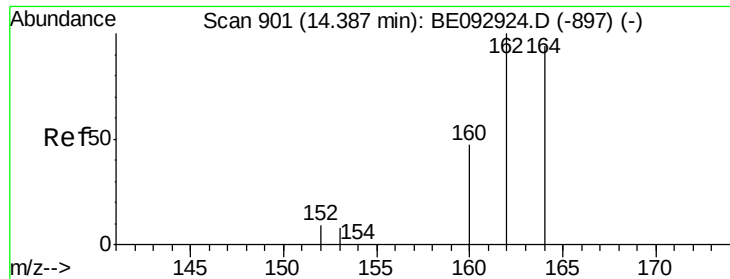
151 19.1 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092939.D

Acq: 5 May 2017 21:04

Instrument :

BNA\_E

ClientSampleId :

3061-PP1-DUP

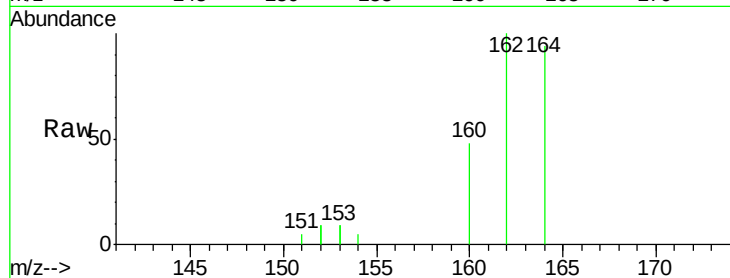
Tgt Ion:164 Resp: 1384

Ion Ratio Lower Upper

164 100

162 106.5 86.6 130.0

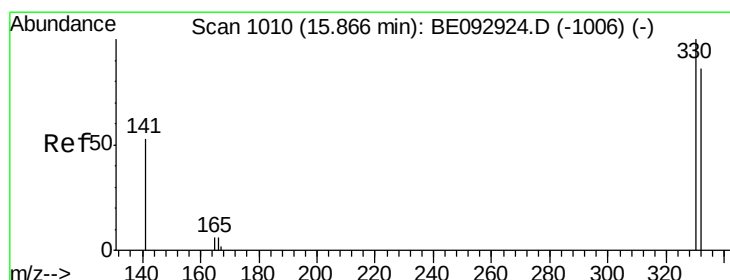
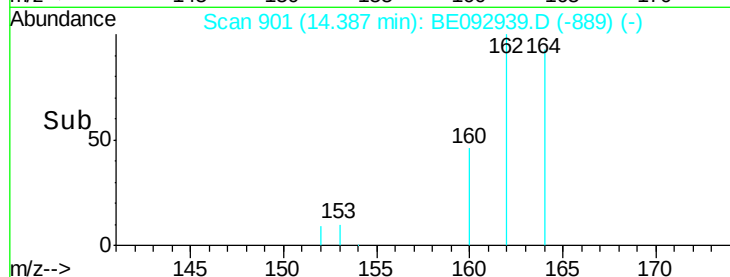
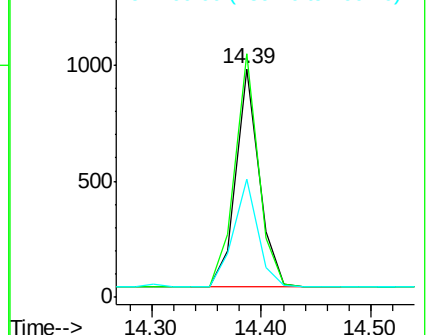
160 51.6 44.5 66.7



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: 0.51 ng

RT: 15.87 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BE092939.D

Acq: 5 May 2017 21:04

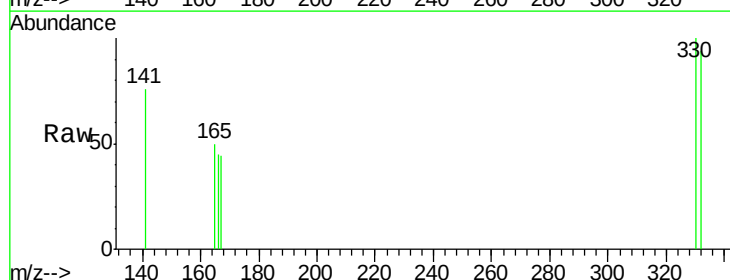
Tgt Ion:330 Resp: 110

Ion Ratio Lower Upper

330 100

332 96.4 69.1 103.7

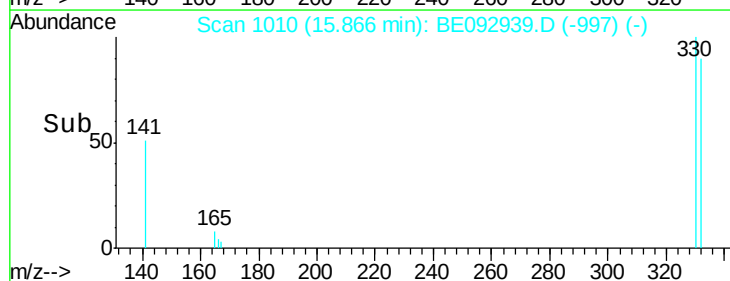
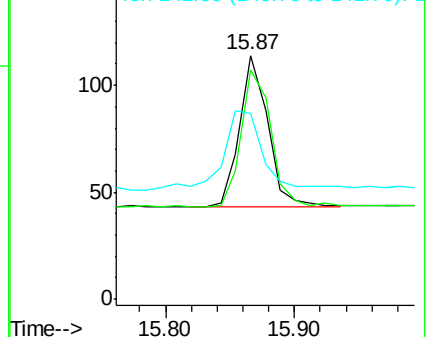
141 75.5 54.6 81.8

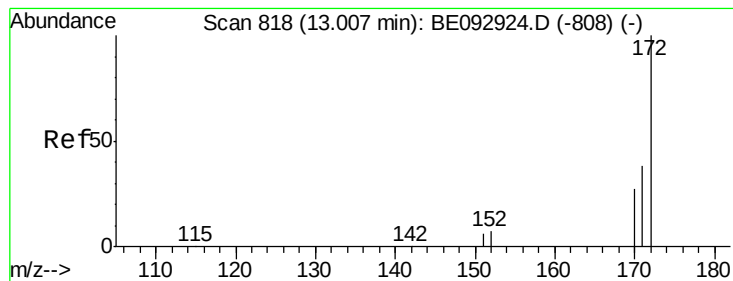


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.56 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092939.D

Acq: 5 May 2017 21:04

Instrument :

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ClientSampleId :

3061-PP1-DUP

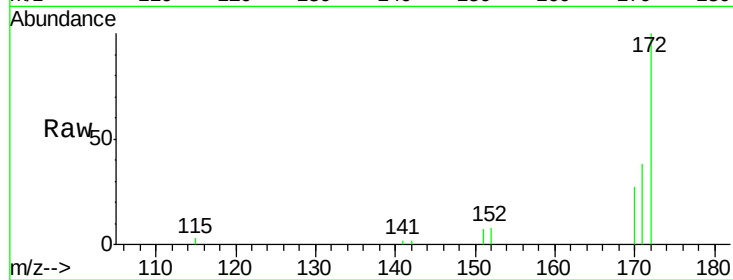
Tgt Ion:172 Resp: 3581

Ion Ratio Lower Upper

172 100

171 37.9 35.8 53.6

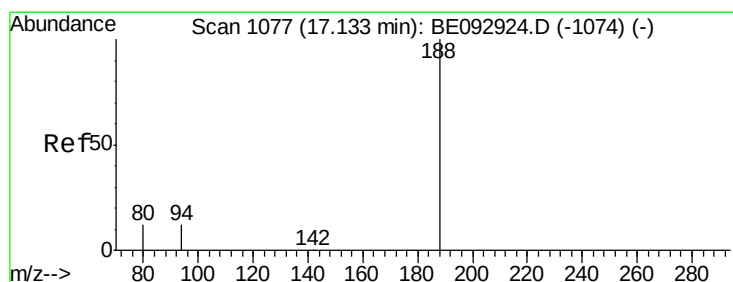
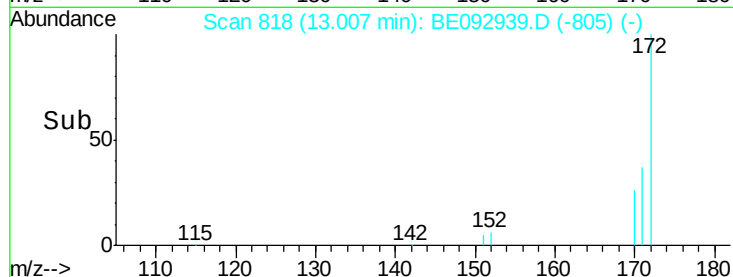
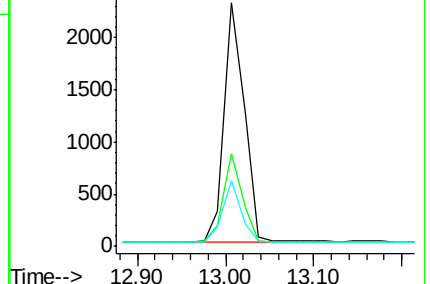
170 27.2 28.5 42.7#



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



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BE092939.D

Acq: 5 May 2017 21:04

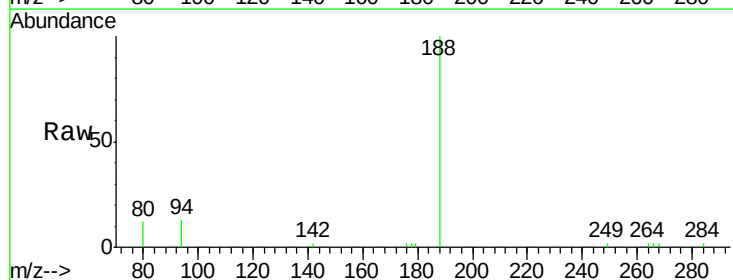
Tgt Ion:188 Resp: 3876

Ion Ratio Lower Upper

188 100

94 12.7 10.2 15.4

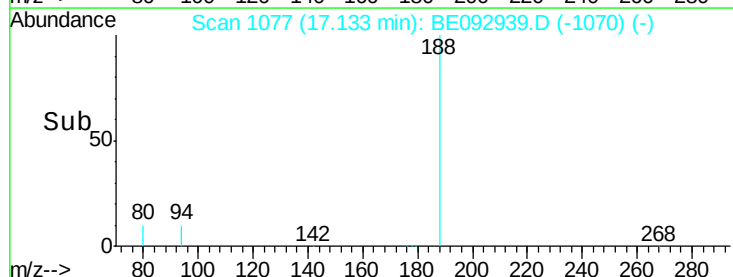
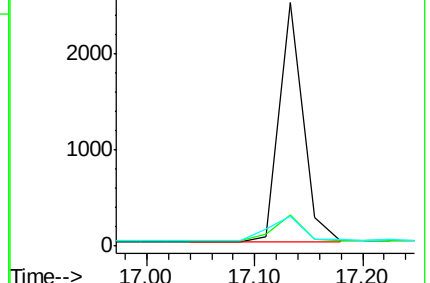
80 12.3 10.6 15.8

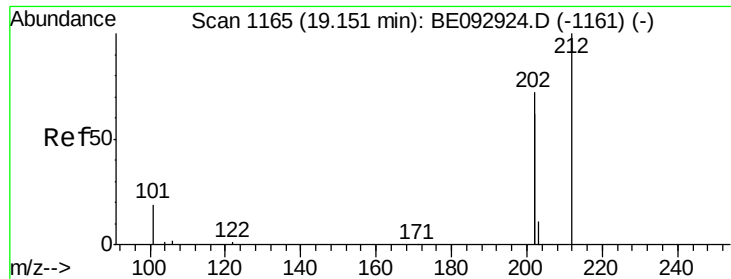


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

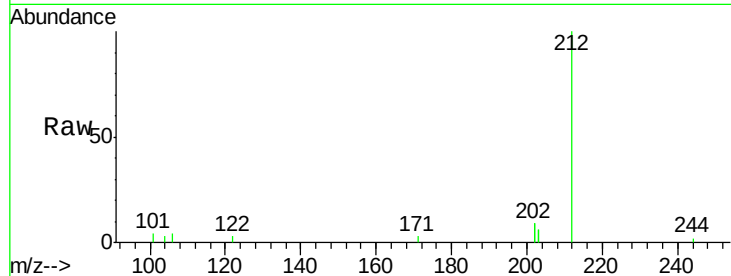




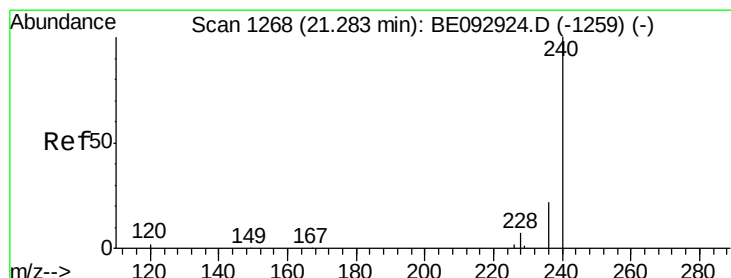
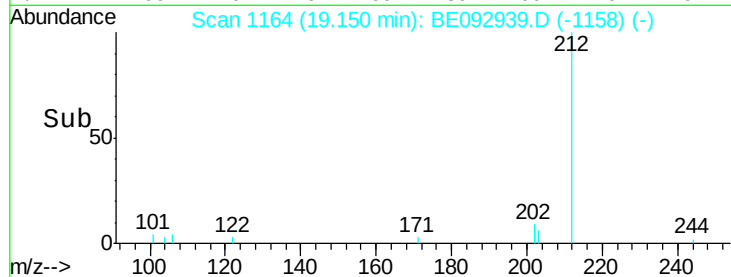
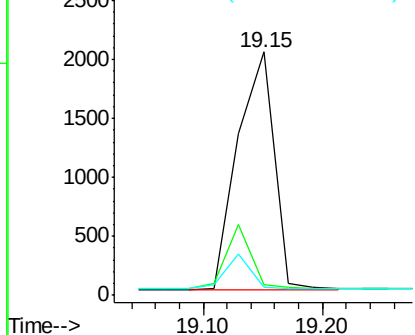
#24  
 Fluoranthene-d10  
 Concen: 0.47 ng  
 RT: 19.15 min Scan# 1164  
 Delta R.T. -0.00 min  
 Lab File: BE092939.D  
 Acq: 5 May 2017 21:04

Instrument :  
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Tgt Ion:212 Resp: 4261  
 Ion Ratio Lower Upper  
 212 100  
 106 0.0 0.0 0.0  
 104 0.0 0.0 0.0

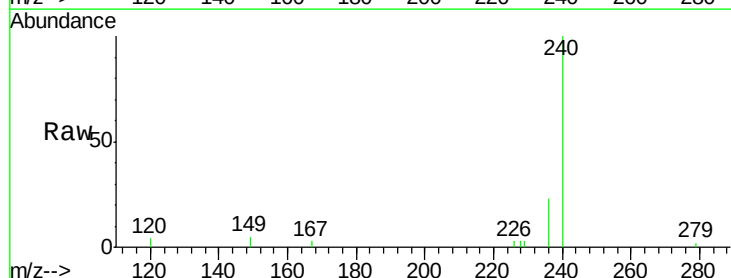


Abundance Ion 212.00 (211.70 to 212.70): E  
 Ion 106.00 (105.70 to 106.70): E  
 Ion 104.00 (103.70 to 104.70): E

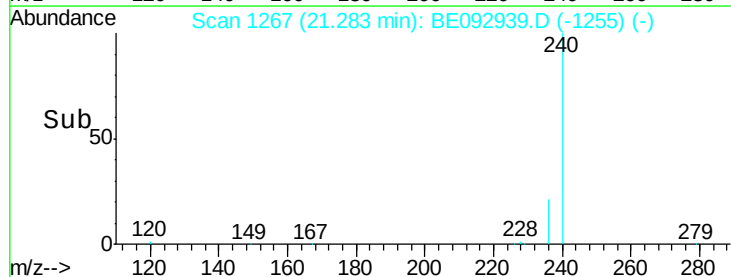
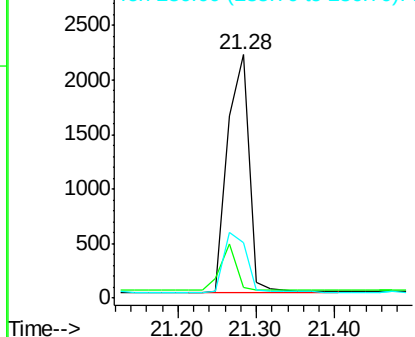


#26  
 Chrysene-d12  
 Concen: 0.40 ng  
 RT: 21.28 min Scan# 1267  
 Delta R.T. -0.00 min  
 Lab File: BE092939.D  
 Acq: 5 May 2017 21:04

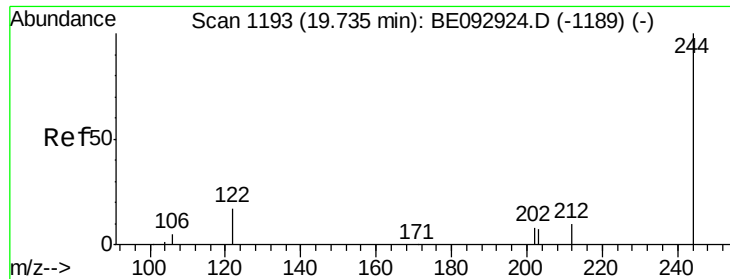
Tgt Ion:240 Resp: 4141  
 Ion Ratio Lower Upper  
 240 100  
 120 4.3 4.6 6.8#  
 236 22.8 19.8 29.8



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







#28

Terphenyl-d14

Concen: 0.85 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092939.D

Acq: 5 May 2017 21:04

Instrument :

BNA\_E

ClientSampleId :

3061-PP1-DUP

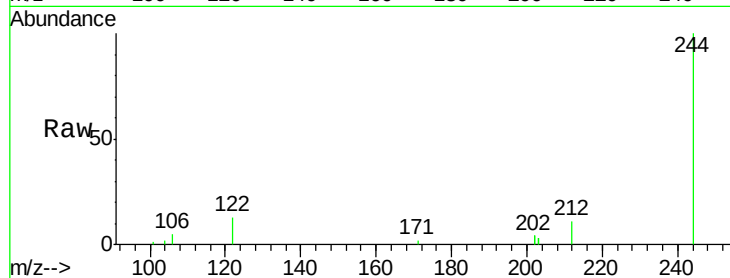
Tgt Ion:244 Resp: 6121

Ion Ratio Lower Upper

244 100

212 10.9 18.4 27.6#

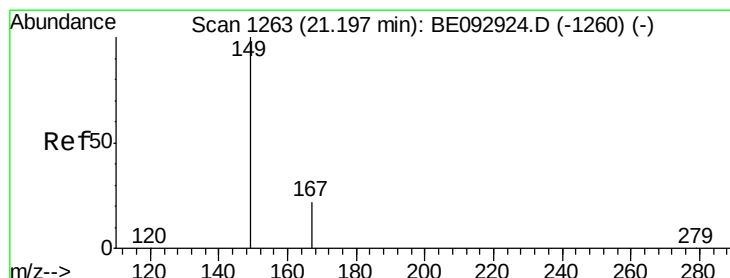
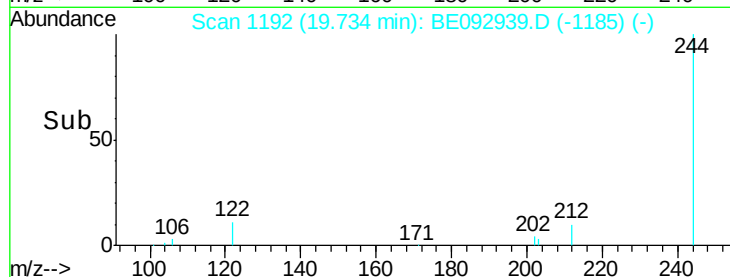
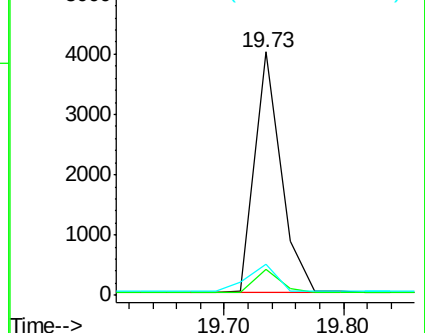
122 12.7 23.3 34.9#



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



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.57 ng

RT: 21.20 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE092939.D

Acq: 5 May 2017 21:04

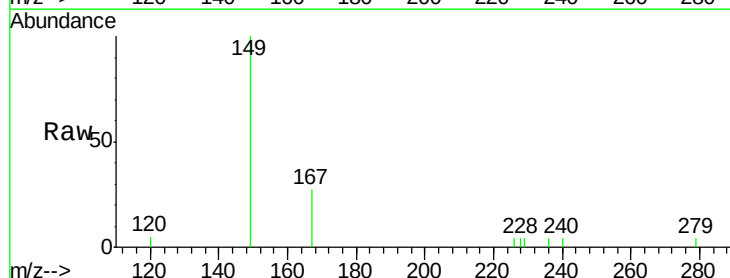
Tgt Ion:149 Resp: 1521

Ion Ratio Lower Upper

149 100

167 25.7 20.9 31.3

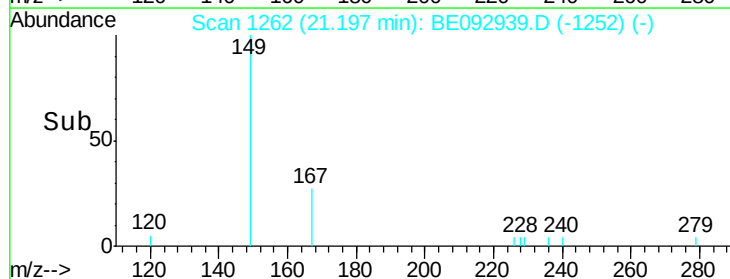
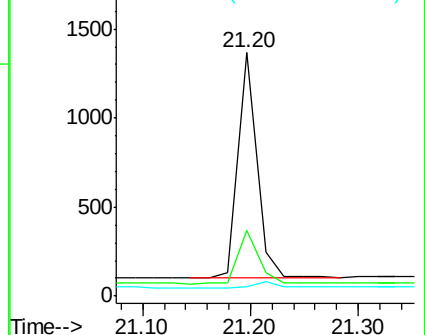
279 2.9 0.0 0.0#

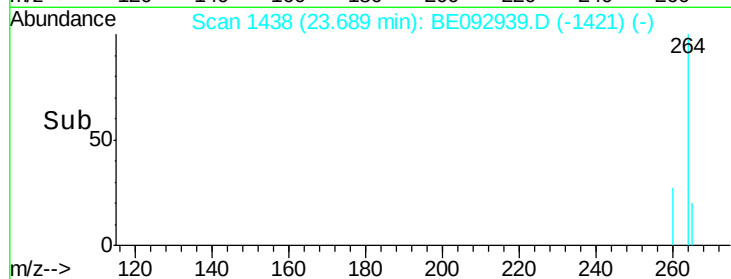
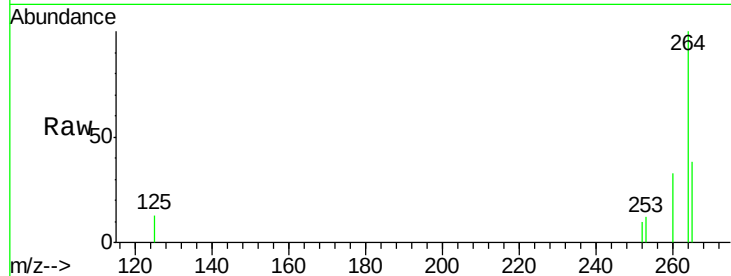
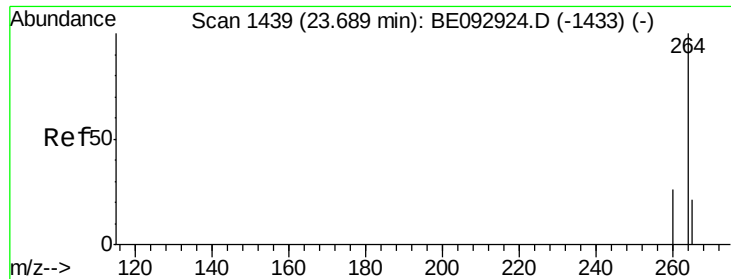


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BE092939.D

Acq: 5 May 2017 21:04

Instrument :

BNA\_E

ClientSampleId :

3061-PP1-DUP

Tgt Ion: 264 Resp: 1237

Ion Ratio Lower Upper

264 100

260 33.2 23.5 35.3

265 38.0 27.2 40.8

