

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE101917\  
 Data File : BE094446.D  
 Acq On : 19 Oct 2017 14:09  
 Operator : SJ/JU  
 Sample : I5847-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 KY038PS033-171011

Quant Time: Oct 20 13:18:33 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 14:54:40 2017  
 Response via : Initial Calibration

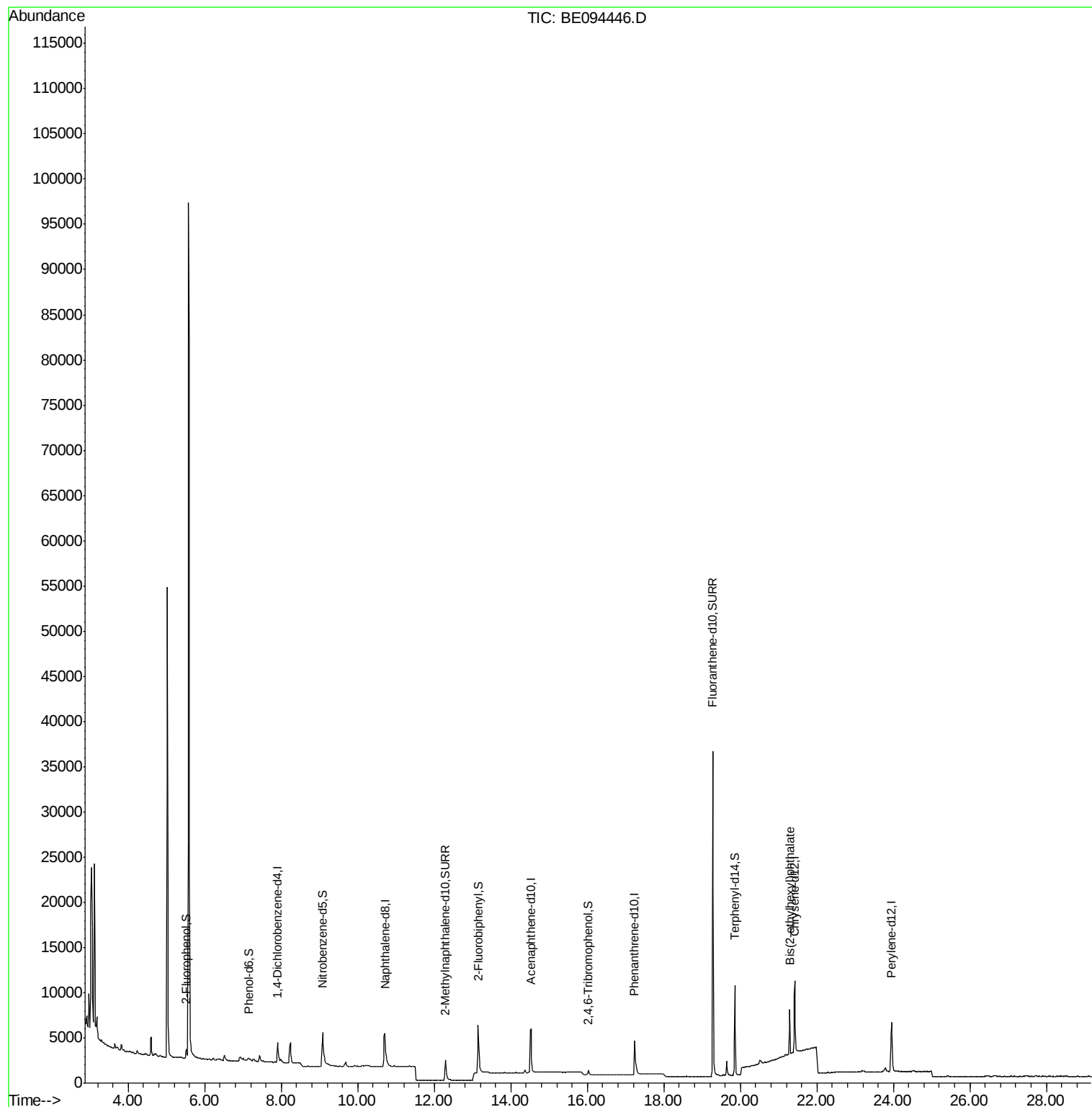
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.91  | 152  | 1315     | 0.40  | ng    | -0.01          |
| 7) Naphthalene-d8              | 10.71 | 136  | 6641     | 0.40  | ng    | 0.00           |
| 13) Acenaphthene-d10           | 14.53 | 164  | 4149     | 0.40  | ng    | 0.00           |
| 19) Phenanthrene-d10           | 17.24 | 188  | 8015     | 0.40  | ng    | -0.03          |
| 27) Chrysene-d12               | 21.43 | 240  | 9516     | 0.40  | ng    | 0.00           |
| 34) Perylene-d12               | 23.95 | 264  | 9092     | 0.40  | ng    | -0.01          |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.51  | 112  | 867      | 0.20  | ng    | 0.00           |
| 5) Phenol-d6                   | 7.14  | 99   | 647      | 0.09  | ng    | 0.01           |
| 8) Nitrobenzene-d5             | 9.08  | 82   | 2677     | 0.46  | ng    | 0.00           |
| 11) 2-Methylnaphthalene-d10    | 12.29 | 152  | 5183     | 0.51  | ng    | 0.00           |
| 14) 2,4,6-Tribromophenol       | 16.03 | 330  | 608      | 0.38  | ng    | 0.00           |
| 15) 2-Fluorobiphenyl           | 13.15 | 172  | 7098     | 0.48  | ng    | 0.00           |
| 25) Fluoranthene-d10           | 19.28 | 212  | 54428    | 0.42  | ng    | 0.00           |
| 29) Terphenyl-d14              | 19.86 | 244  | 9282     | 0.48  | ng    | 0.00           |
| Target Compounds               |       |      |          |       |       |                |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 5955     | 0.063 | ng    | Qvalue<br># 98 |

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

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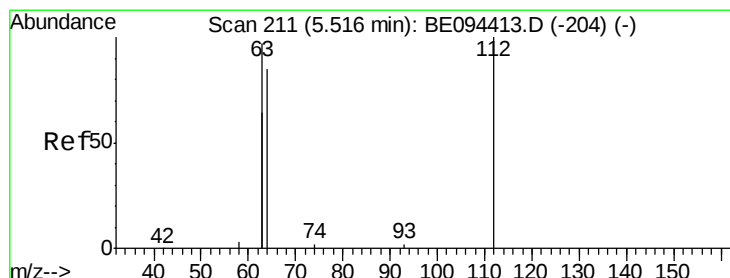
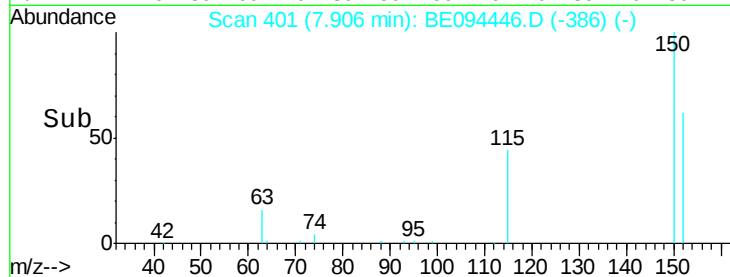
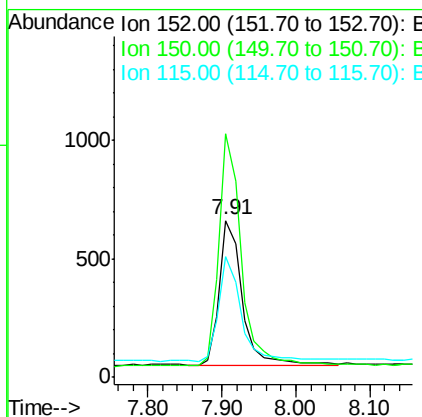
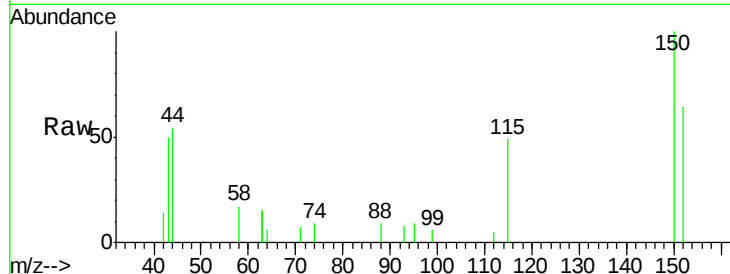




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.91 min Scan# 401  
 Delta R.T. -0.01 min  
 Lab File: BE094446.D  
 Acq: 19 Oct 2017 14:09

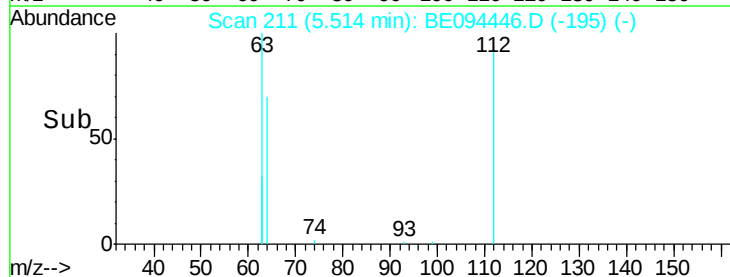
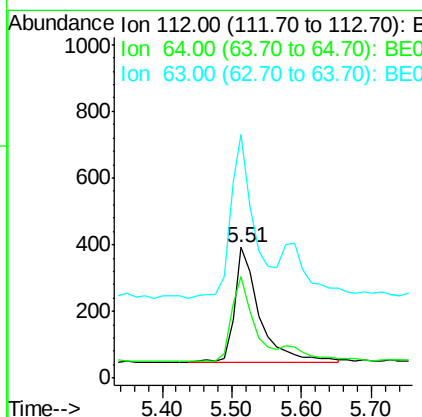
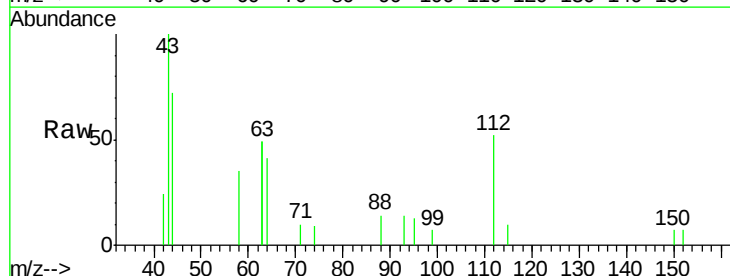
Instrument :  
 BNA\_E  
 ClientSampleId :  
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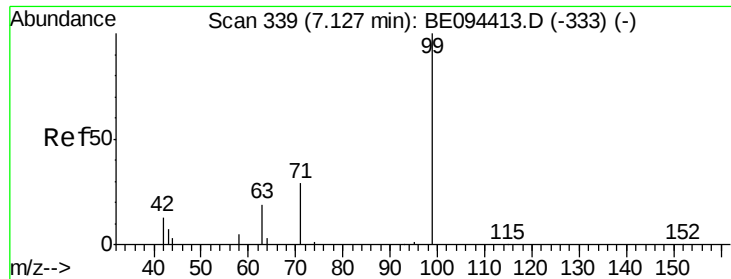
Tgt Ion:152 Resp: 1315  
 Ion Ratio Lower Upper  
 152 100  
 150 155.5 117.2 175.8  
 115 76.9 57.0 85.6



#4  
 2-Fluorophenol  
 Concen: 0.195 ng  
 RT: 5.51 min Scan# 211  
 Delta R.T. -0.00 min  
 Lab File: BE094446.D  
 Acq: 19 Oct 2017 14:09

Tgt Ion:112 Resp: 867  
 Ion Ratio Lower Upper  
 112 100  
 64 66.0 60.1 90.1  
 63 135.1 116.8 175.2





#5

Phenol-d6

Concen: 0.093 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.01 min

Lab File: BE094446.D

Acq: 19 Oct 2017 14:09

Instrument :

BNA\_E

ClientSampleId :

KY038PS033-171011

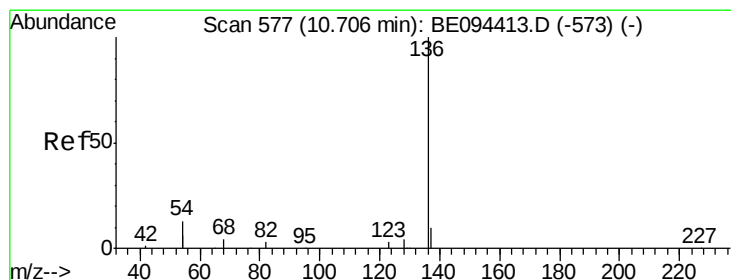
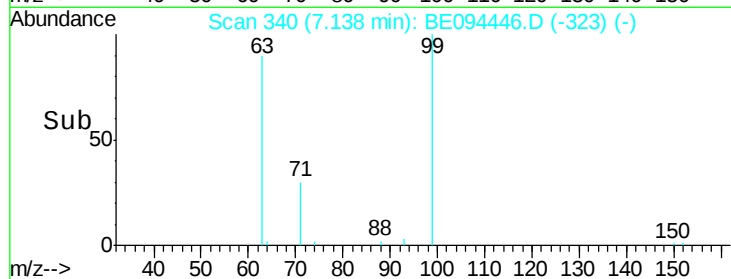
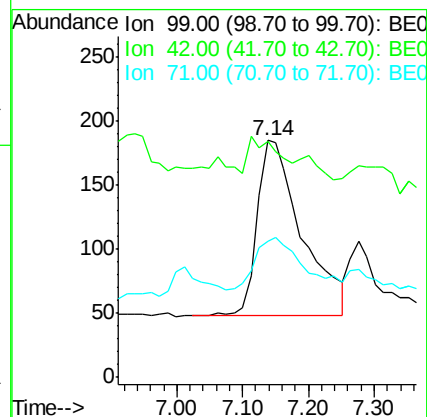
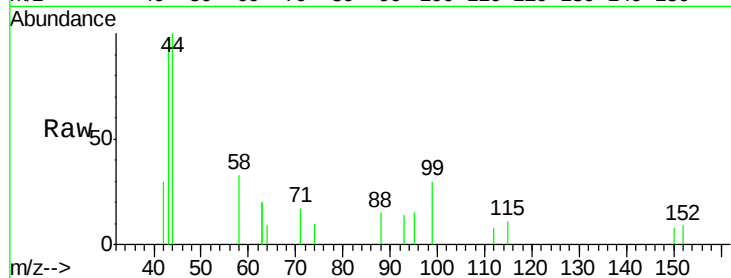
Tgt Ion: 99 Resp: 647

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

71 32.3 28.4 42.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094446.D

Acq: 19 Oct 2017 14:09

Tgt Ion: 136 Resp: 6641

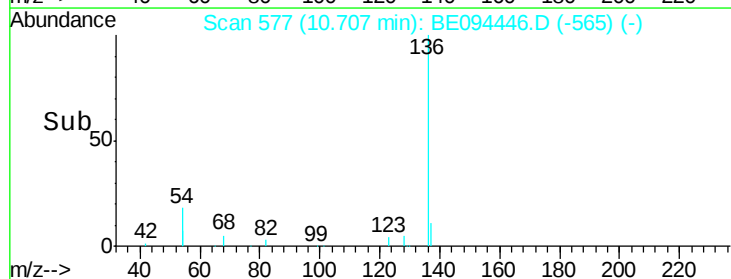
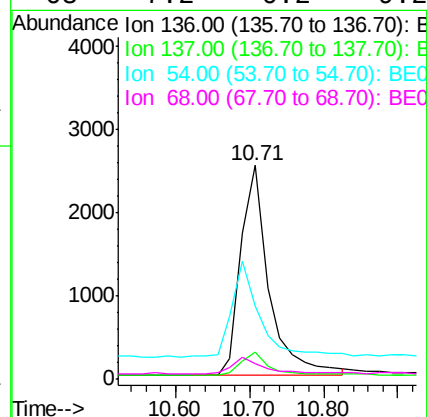
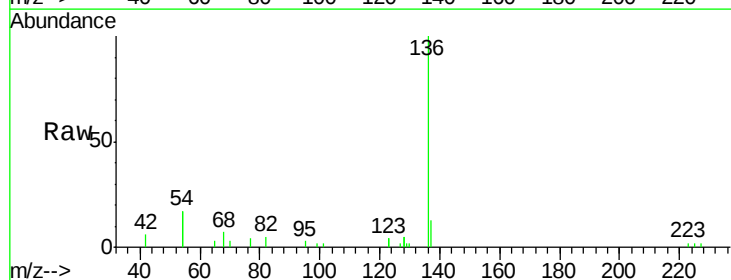
Ion Ratio Lower Upper

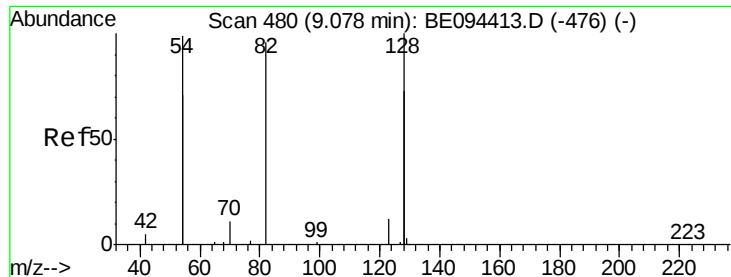
136 100

137 12.9 9.5 14.3

54 34.5 29.1 43.7

68 7.2 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.464 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094446.D

Acq: 19 Oct 2017 14:09

Instrument :

BNA\_E

ClientSampleId :

KY038PS033-171011

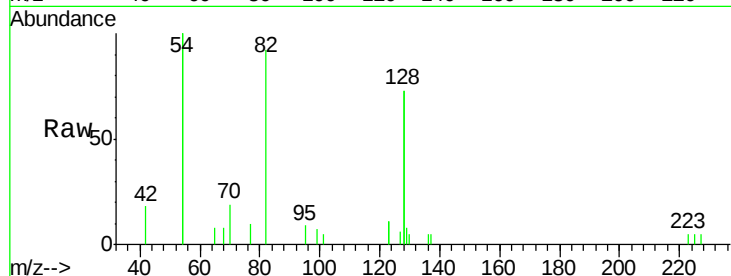
Tgt Ion: 82 Resp: 2677

Ion Ratio Lower Upper

82 100

128 159.4 150.0 225.0

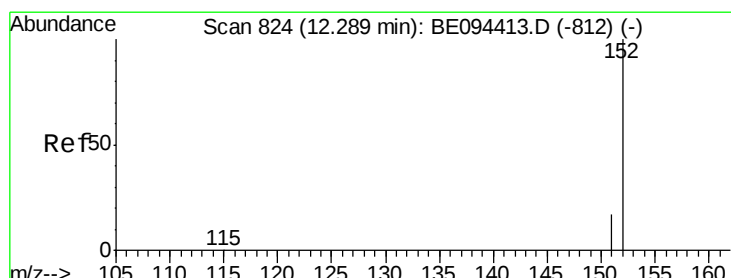
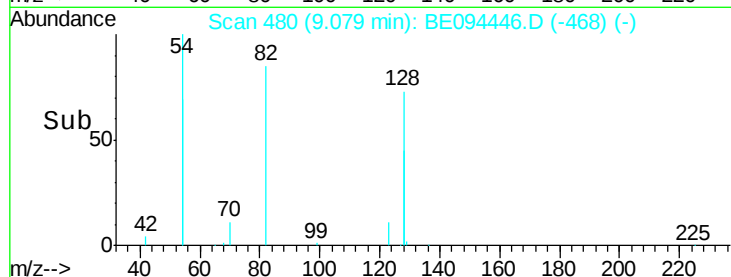
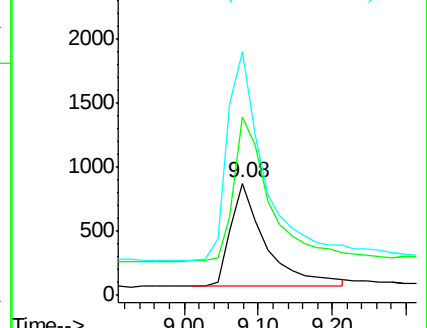
54 217.7 154.2 231.4



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: 0.506 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE094446.D

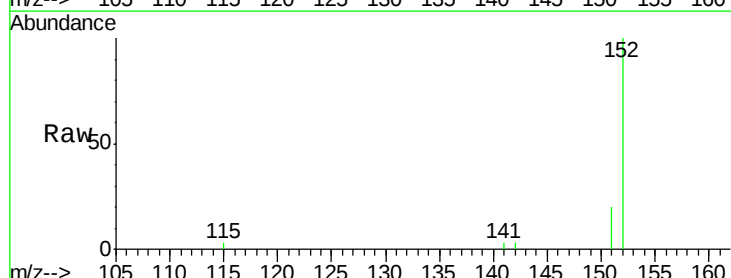
Acq: 19 Oct 2017 14:09

Tgt Ion: 152 Resp: 5183

Ion Ratio Lower Upper

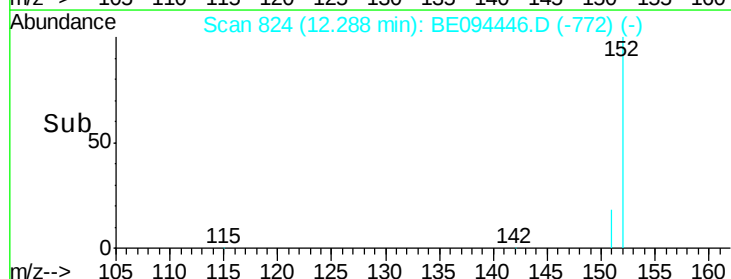
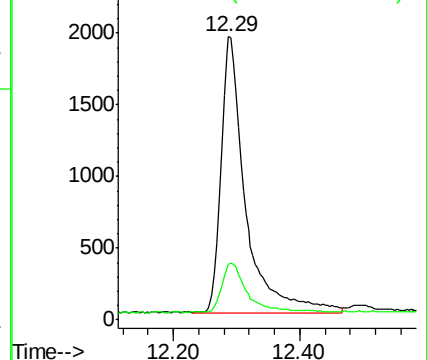
152 100

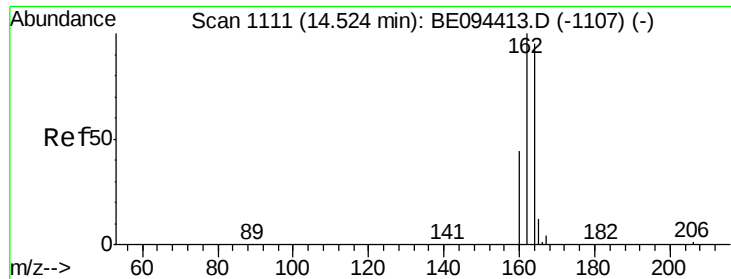
151 18.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094446.D

Acq: 19 Oct 2017 14:09

Instrument :

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ClientSampleId :

KY038PS033-171011

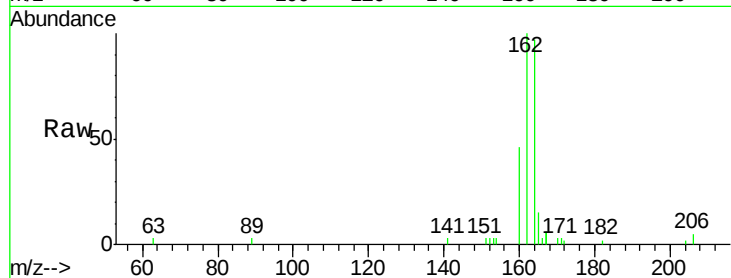
Tgt Ion:164 Resp: 4149

Ion Ratio Lower Upper

164 100

162 103.3 83.1 124.7

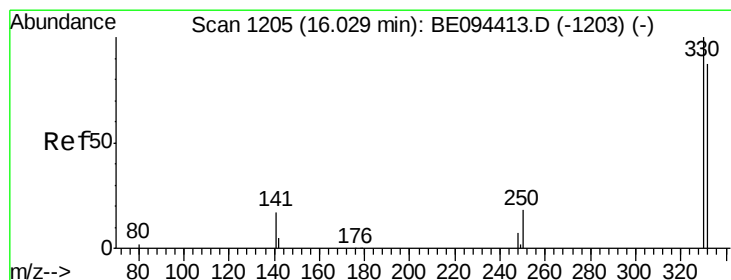
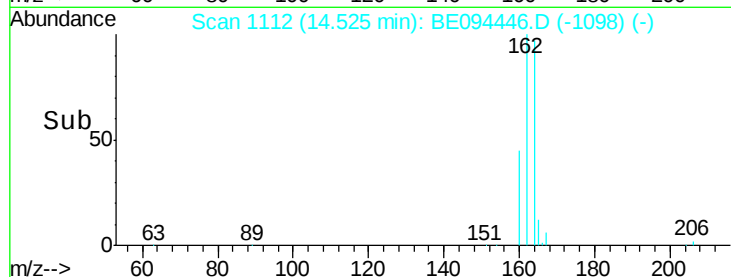
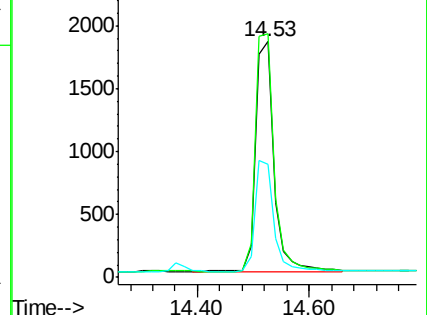
160 47.9 37.1 55.7



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: 0.385 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094446.D

Acq: 19 Oct 2017 14:09

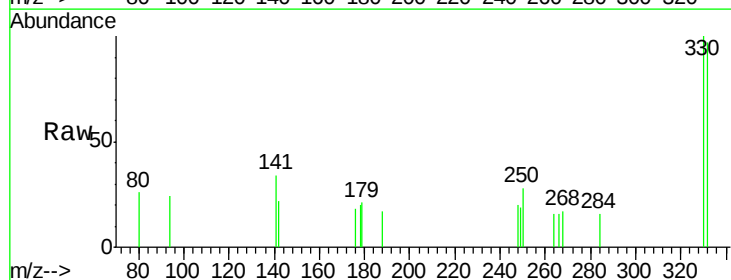
Tgt Ion:330 Resp: 608

Ion Ratio Lower Upper

330 100

332 100.3 152.7 229.1#

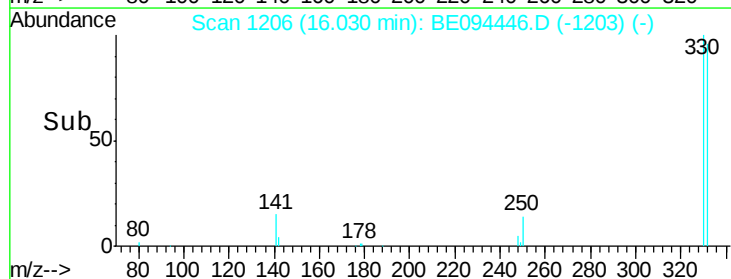
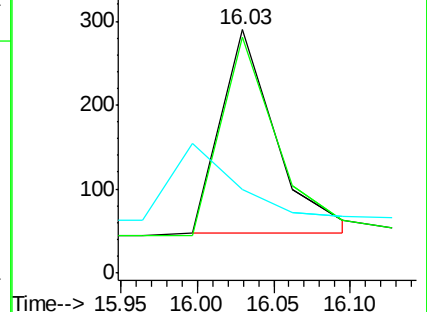
141 0.0 33.7 50.5#

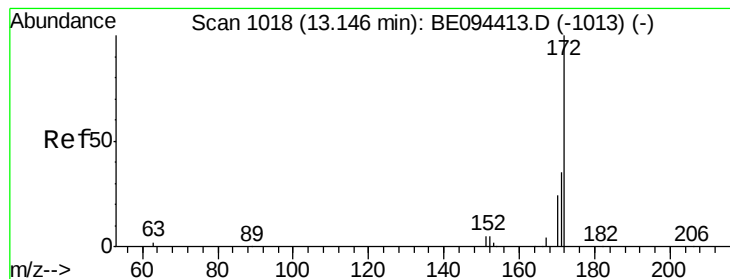


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

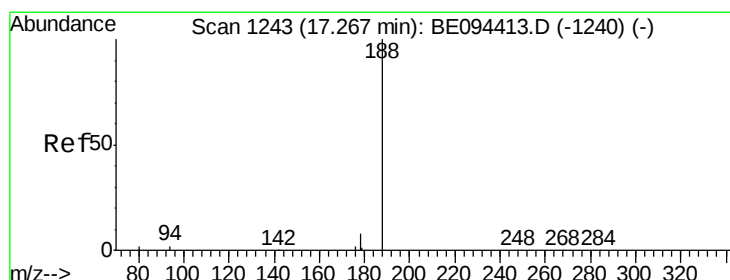
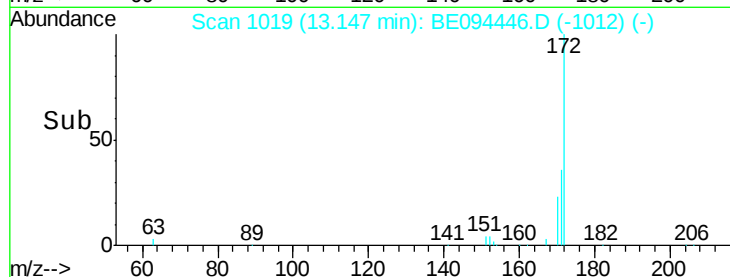
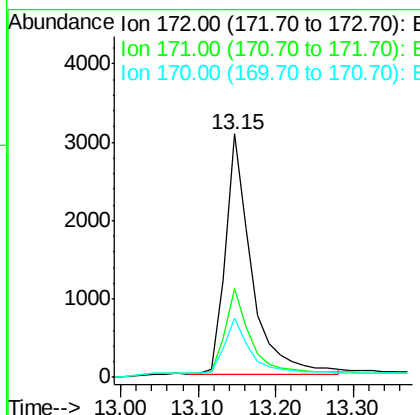
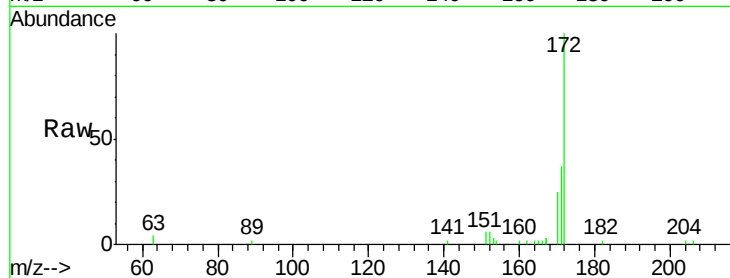




#15  
 2-Fluorobiphenyl  
 Concen: 0.479 ng  
 RT: 13.15 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: BE094446.D  
 Acq: 19 Oct 2017 14:09

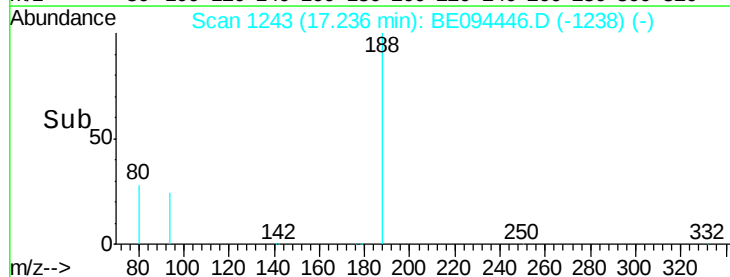
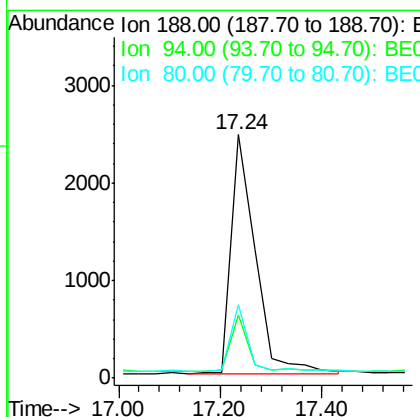
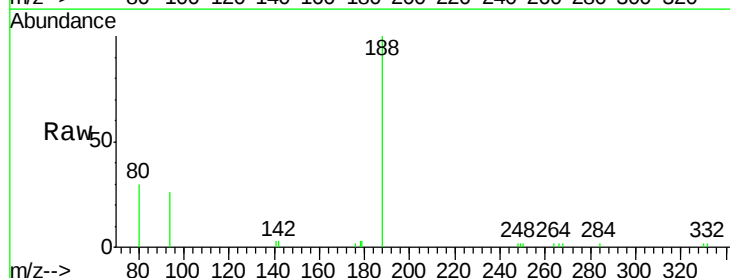
Instrument :  
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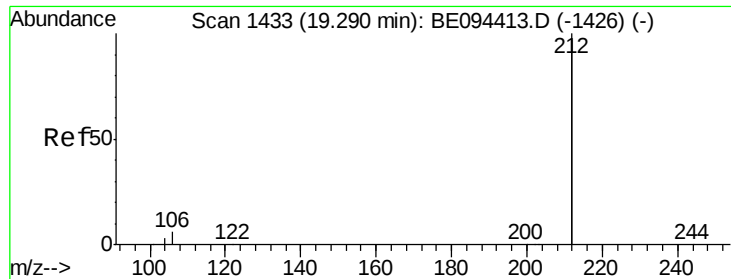
Tgt Ion:172 Resp: 7098  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 29.9 44.9  
 170 24.6 21.8 32.8



#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.24 min Scan# 1243  
 Delta R.T. -0.03 min  
 Lab File: BE094446.D  
 Acq: 19 Oct 2017 14:09

Tgt Ion:188 Resp: 8015  
 Ion Ratio Lower Upper  
 188 100  
 94 26.1 3.9 5.9#  
 80 30.2 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.422 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE094446.D

Acq: 19 Oct 2017 14:09

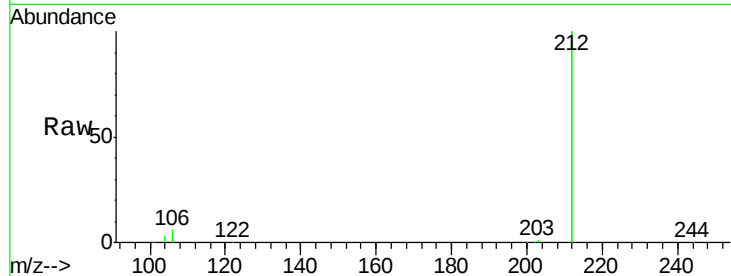
Instrument :

BNA\_E

ClientSampleId :

KY038PS033-171011

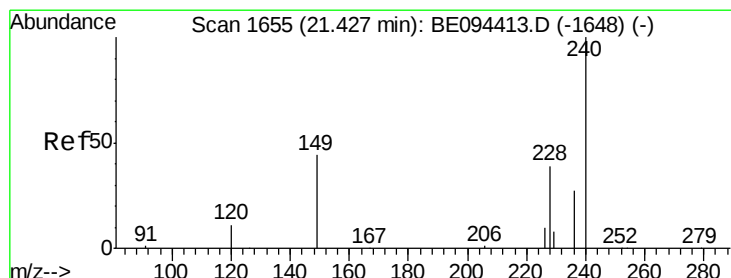
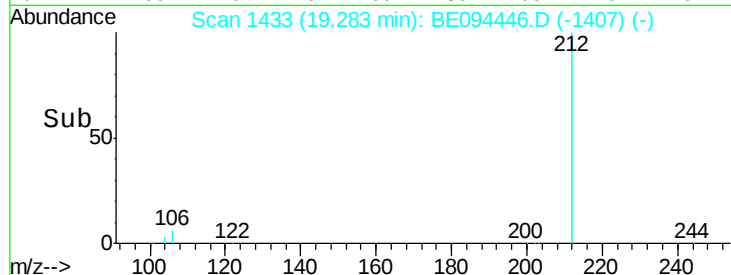
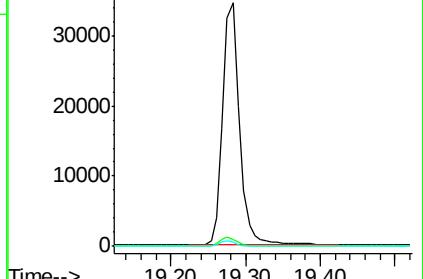
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 212   | Resp: | 54428 |
| Ion      | Ratio | Lower | Upper |
| 212      | 100   |       |       |
| 106      | 3.5   | 2.8   | 4.2   |
| 104      | 1.9   | 1.6   | 2.4   |



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



#27

Chrysene-d12

Concen: 0.400 ng

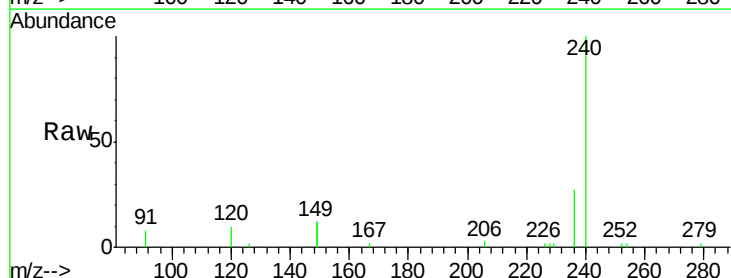
RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE094446.D

Acq: 19 Oct 2017 14:09

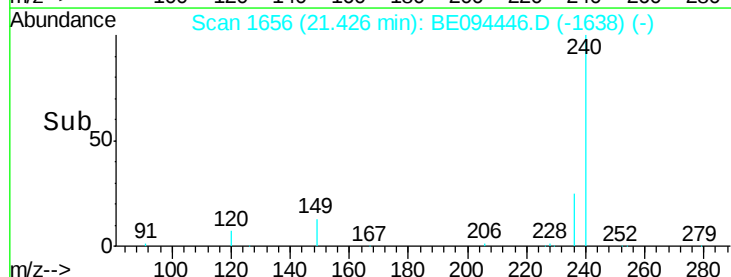
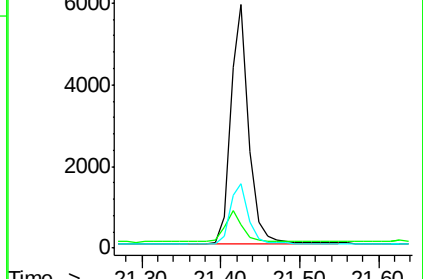
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 9516  |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 9.6   | 5.5   | 8.3#  |
| 236      | 26.6  | 20.7  | 31.1  |

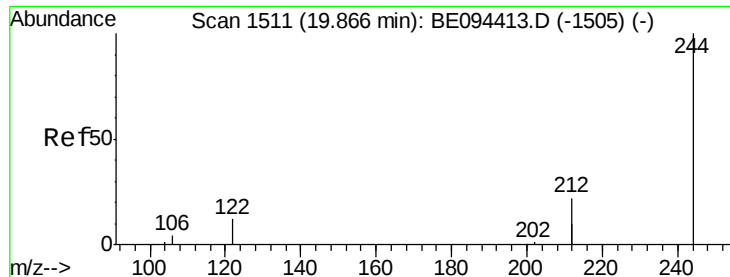


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.483 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094446.D

Acq: 19 Oct 2017 14:09

Instrument :

BNA\_E

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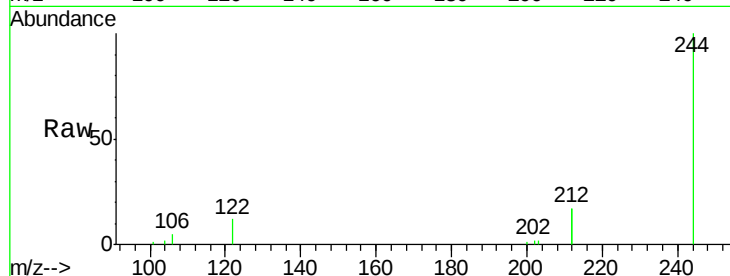
Tgt Ion:244 Resp: 9282

Ion Ratio Lower Upper

244 100

212 34.2 25.4 38.0

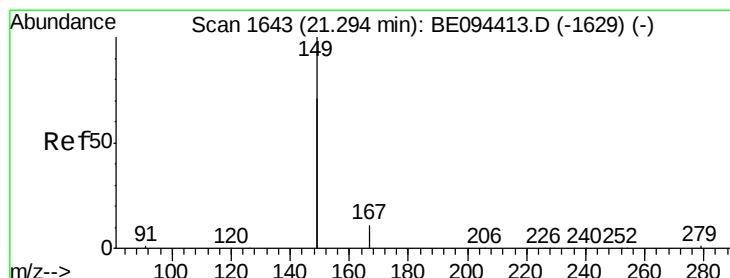
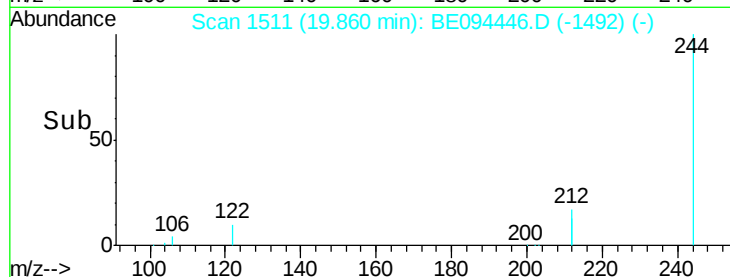
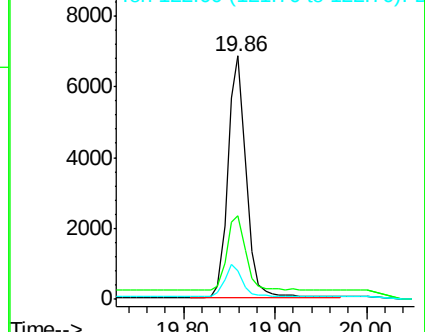
122 11.6 8.1 12.1



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

Bis(2-ethylhexyl)phthalate

Concen: 0.063 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094446.D

Acq: 19 Oct 2017 14:09

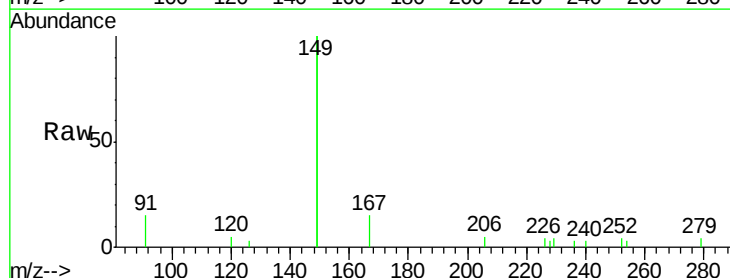
Tgt Ion:149 Resp: 5955

Ion Ratio Lower Upper

149 100

167 7.5 5.4 8.0

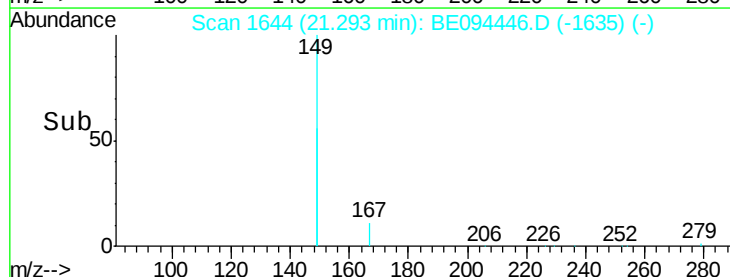
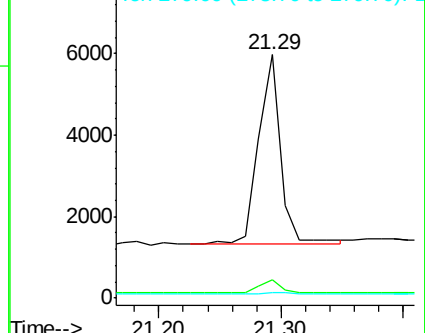
279 1.4 0.7 1.1#

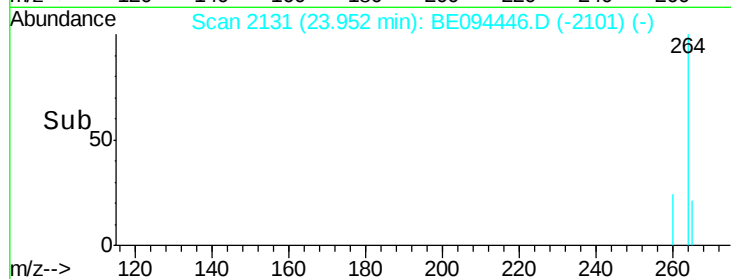
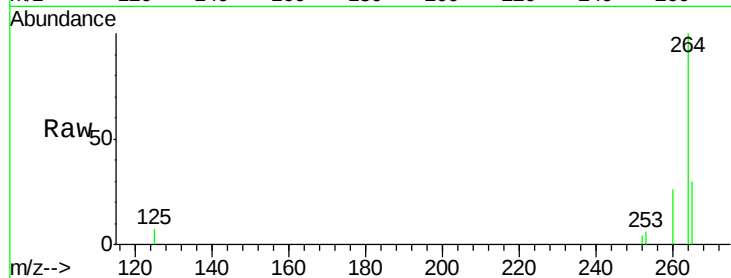
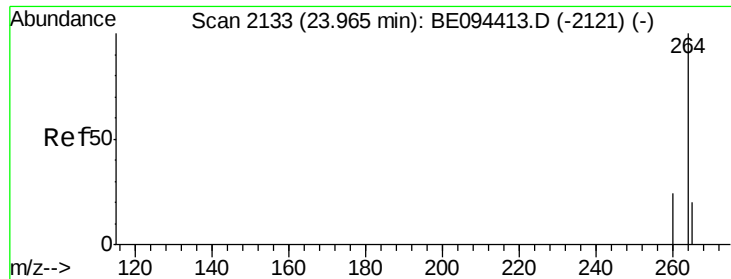


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BE094446.D

Acq: 19 Oct 2017 14:09

Instrument :

BNA\_E

ClientSampleId :

KY038PS033-171011

Tgt Ion: 264 Resp: 9092

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 30.4 22.8 34.2

