

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\  
 Data File : BE095741.D  
 Acq On : 12 Mar 2018 22:56  
 Operator : SJ/JU  
 Sample : J1867-10  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CPS073071

Quant Time: Mar 13 10:48:36 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 12:12:42 2018  
 Response via : Initial Calibration

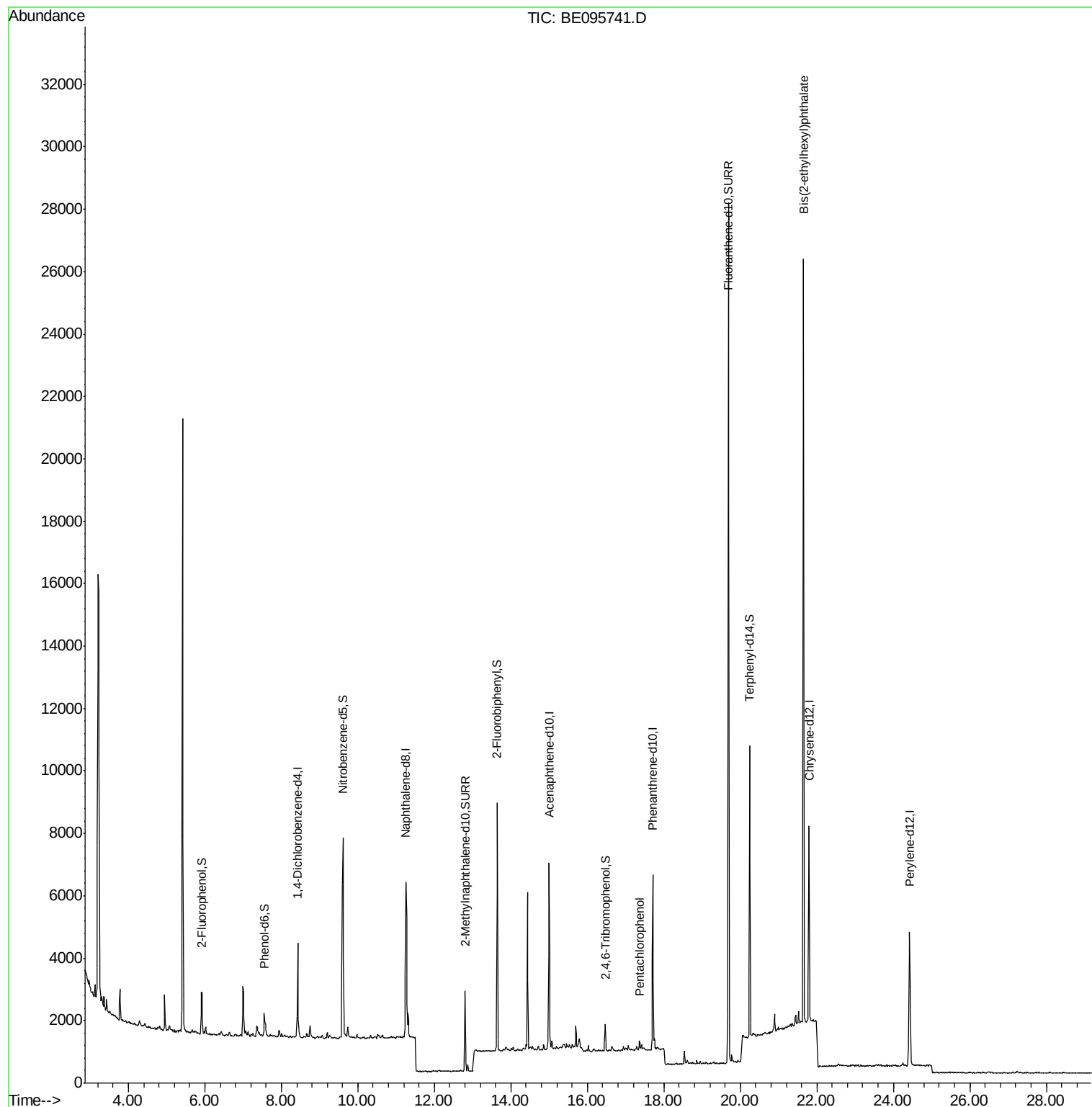
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.43  | 152  | 1450     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 11.26 | 136  | 5618     | 0.40  | ng    | -0.02    |
| 13) Acenaphthene-d10           | 15.00 | 164  | 3311     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.71 | 188  | 7198     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.80 | 240  | 7288     | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 24.42 | 264  | 6723     | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.92  | 112  | 733      | 0.19  | ng    | 0.00     |
| 5) Phenol-d6                   | 7.55  | 99   | 633      | 0.12  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 9.61  | 82   | 2531     | 0.44  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.80 | 152  | 3387     | 0.36  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 16.47 | 330  | 501      | 0.43  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.64 | 172  | 6887     | 0.47  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.69 | 212  | 35503    | 0.38  | ng    | 0.00     |
| 29) Terphenyl-d14              | 20.24 | 244  | 8867     | 0.61  | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       |          |
| 22) Pentachlorophenol          | 17.36 | 266  | 183      | 0.285 | ng    | 83       |
| 32) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 33297    | 0.792 | ng    | 100      |

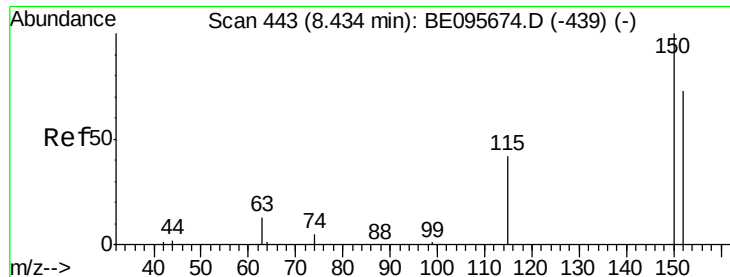
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 23 12:12:42 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Instrument :

BNA\_E

ClientSampleId :

CPS073071

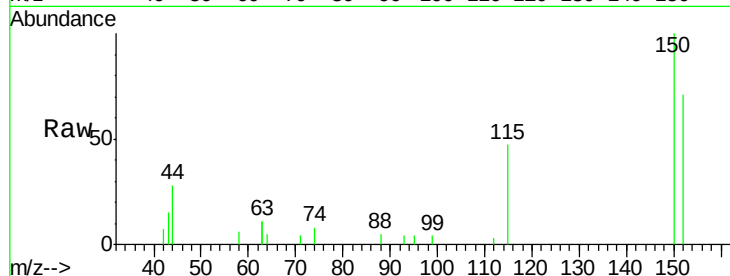
Tot Ion:152 Resp: 1450

Ion Ratio Lower Upper

152 100

150 140.7 117.2 175.8

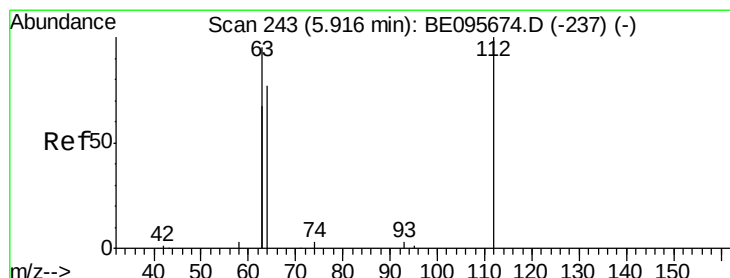
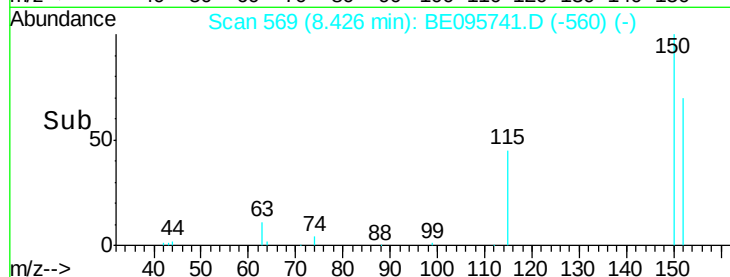
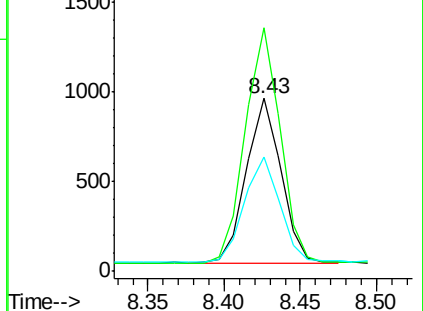
115 66.0 57.0 85.6



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: 0.191 ng

RT: 5.92 min Scan# 313

Delta R.T. 0.01 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

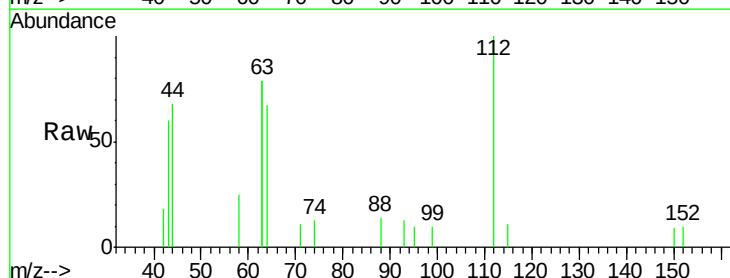
Tgt Ion:112 Resp: 733

Ion Ratio Lower Upper

112 100

64 71.4 60.1 90.1

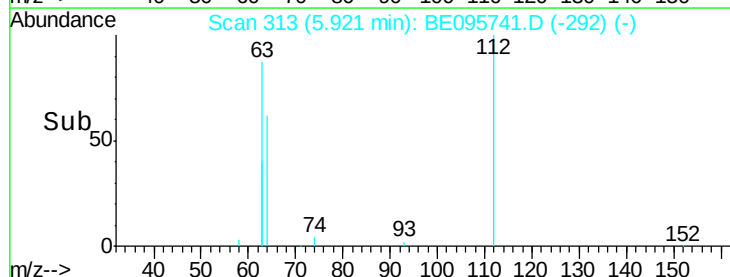
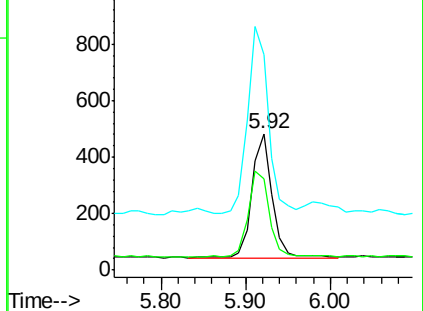
63 153.5 116.8 175.2

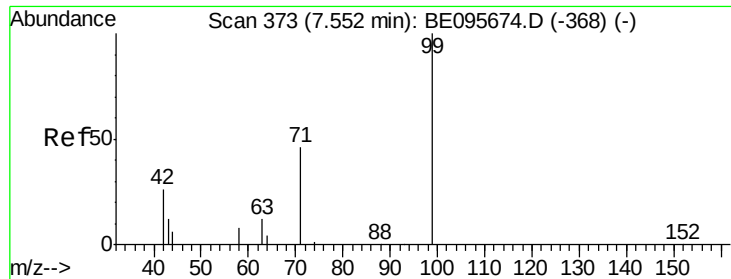


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.119 ng

RT: 7.55 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Instrument :

BNA\_E

ClientSampleId :

CPS073071

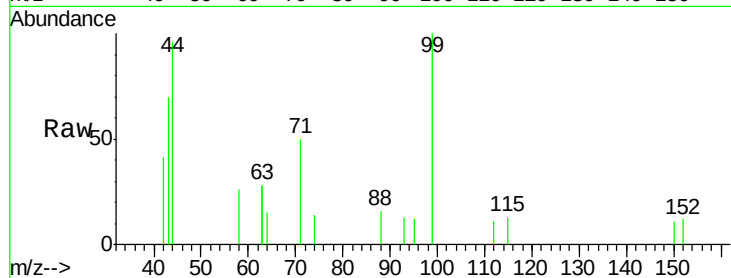
Tot Ion: 99 Resp: 633

Ion Ratio Lower Upper

99 100

42 29.7 20.2 30.2

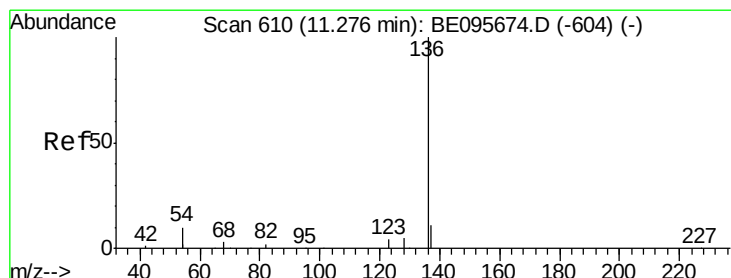
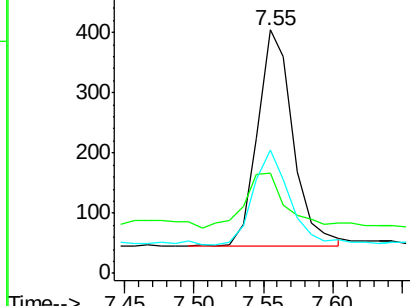
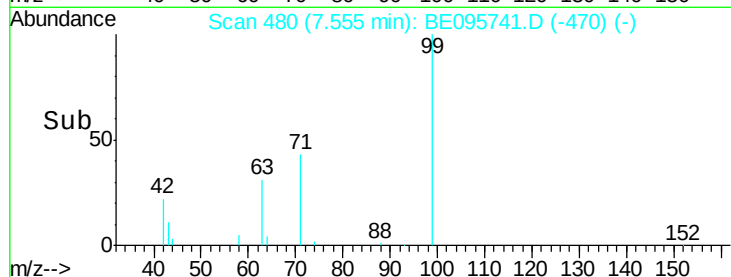
71 44.9 28.4 42.6#



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: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. -0.02 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Tgt Ion: 136 Resp: 5618

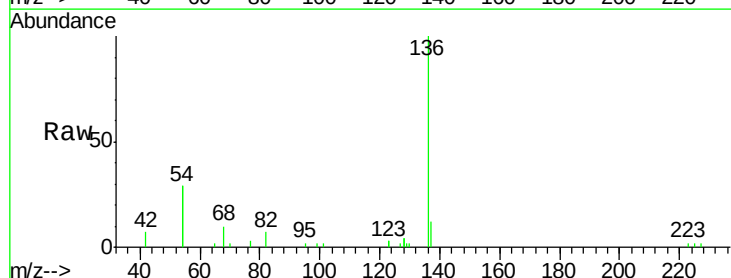
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 57.2 29.1 43.7#

68 9.9 6.2 9.2#

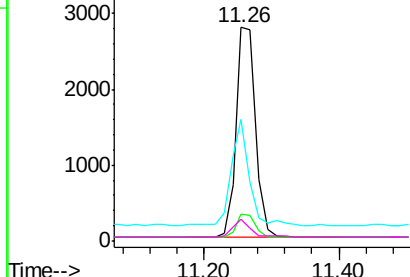
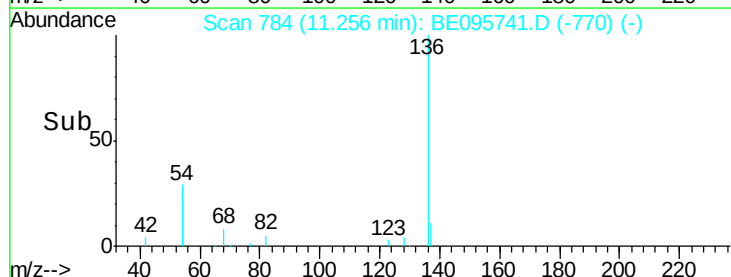


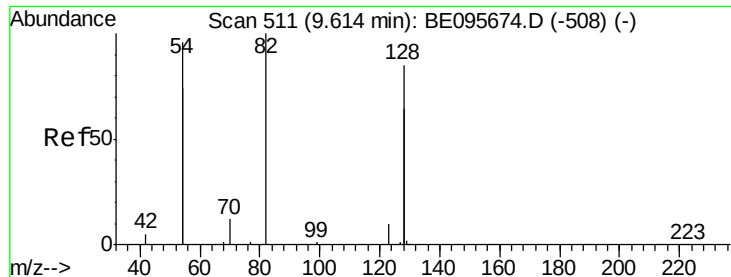
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.437 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Instrument :

BNA\_E

ClientSampleId :

CPS073071

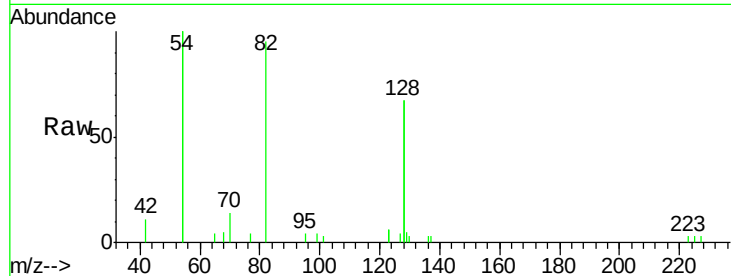
Tot Ion: 82 Resp: 2531

Ion Ratio Lower Upper

82 100

128 140.8 150.0 225.0#

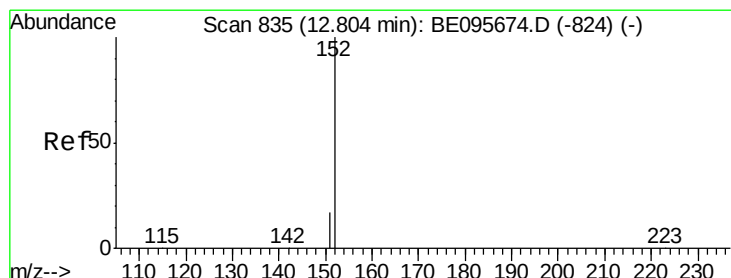
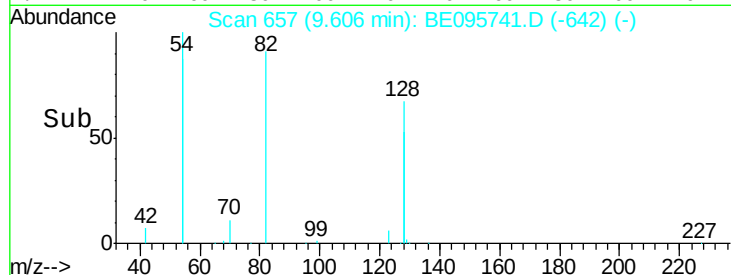
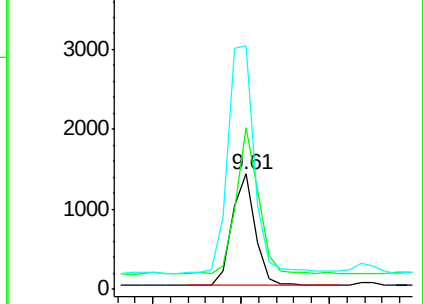
54 211.2 154.2 231.4



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: 0.361 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095741.D

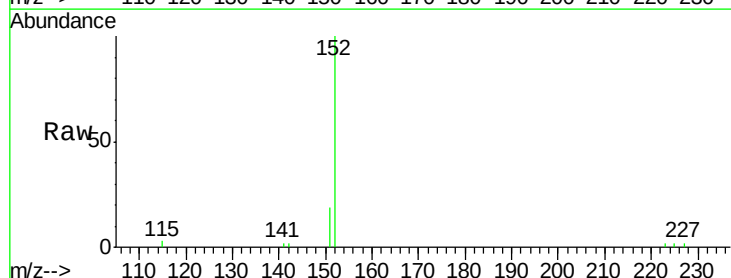
Acq: 12 Mar 2018 22:56

Tgt Ion: 152 Resp: 3387

Ion Ratio Lower Upper

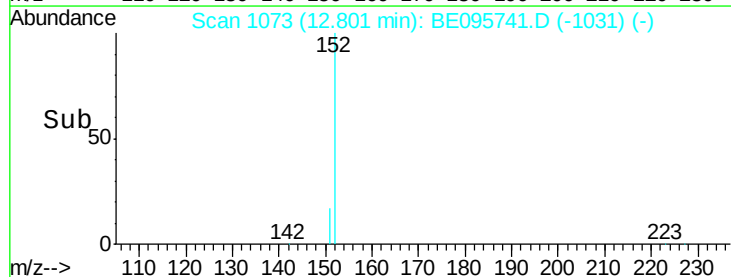
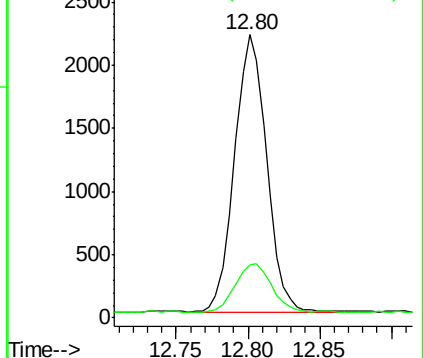
152 100

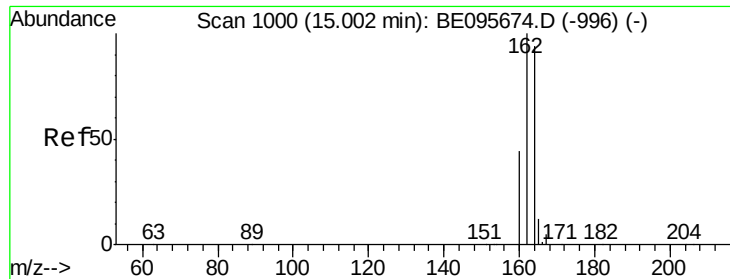
151 19.7 15.4 23.0



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: 15.00 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Instrument :

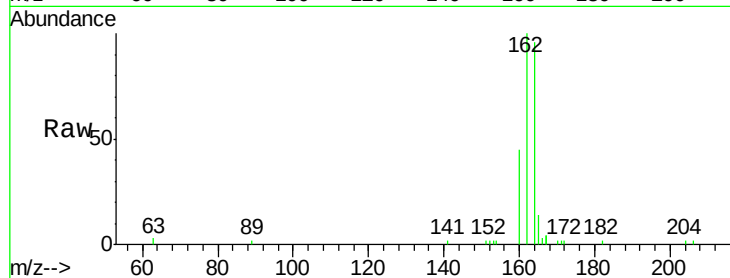
BNA\_E

ClientSampleId :

CPS073071

Tot Ion:164 Resp: 3311

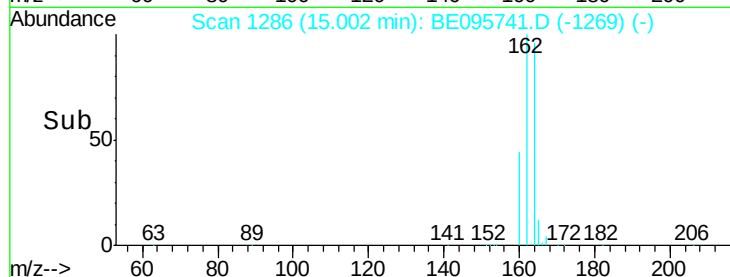
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.9 | 83.1  | 124.7 |
| 160 | 47.2  | 37.1  | 55.7  |



Abundance Ion 164.00 (163.70 to 164.70): E

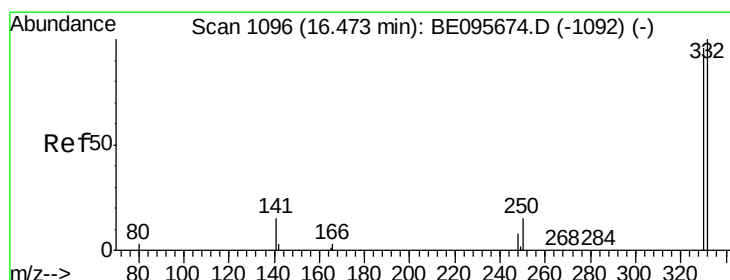
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

14.90 15.00 15.10



#14

2,4,6-Tribromophenol

Concen: 0.432 ng

RT: 16.47 min Scan# 1409

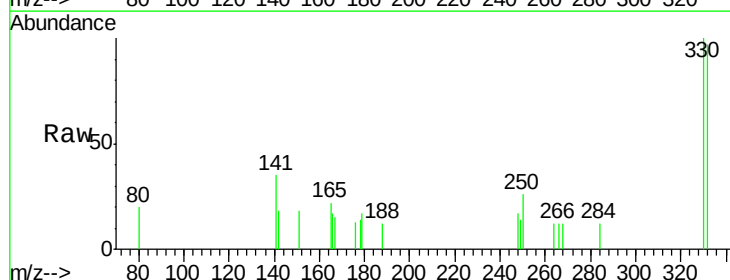
Delta R.T. -0.00 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Tgt Ion:330 Resp: 501

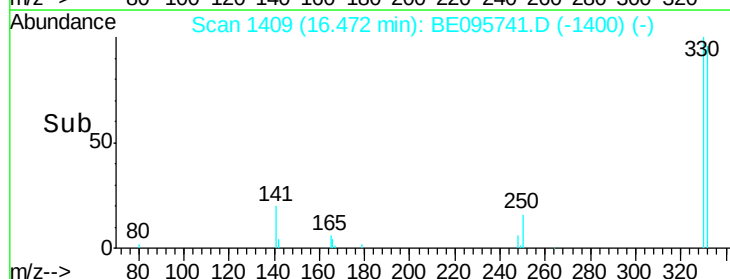
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 330 | 100   |       |        |
| 332 | 100.0 | 152.7 | 229.1# |
| 141 | 45.9  | 33.7  | 50.5   |



Abundance Ion 330.00 (329.70 to 330.70): E

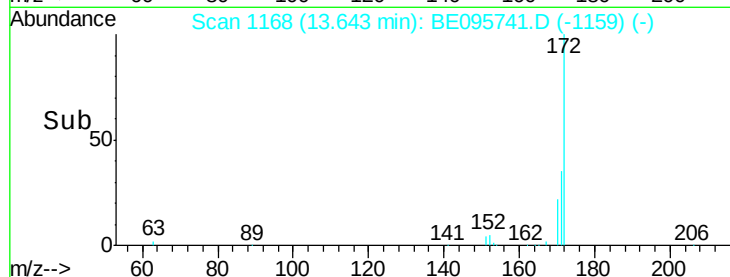
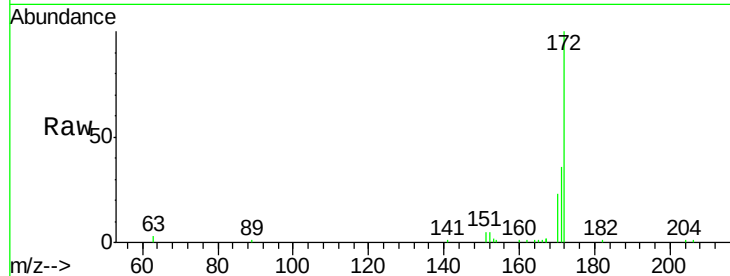
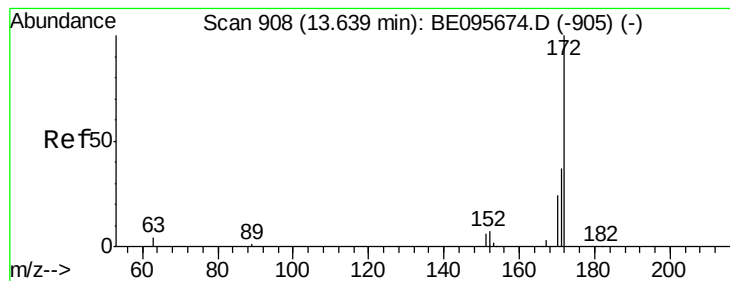
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

16.40 16.50



#15

2-Fluorobiphenyl

Concen: 0.466 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Instrument :

BNA\_E

ClientSampleId :

CPS073071

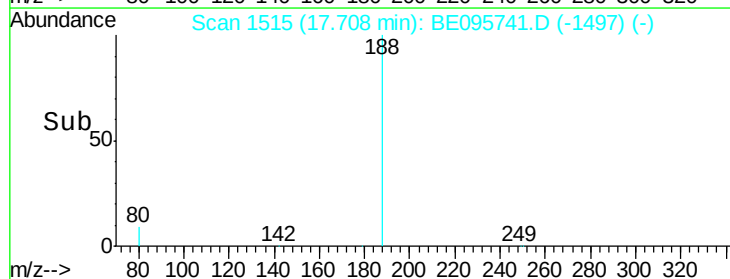
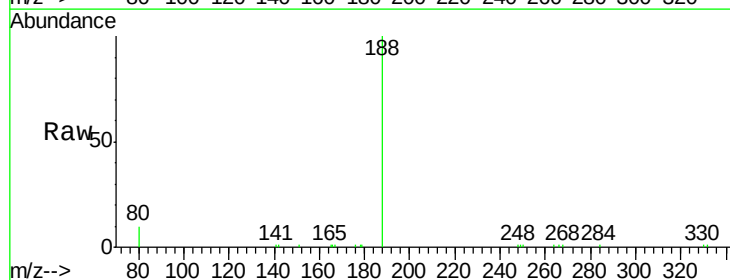
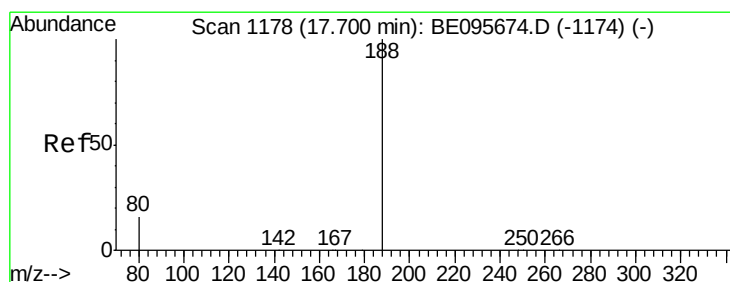
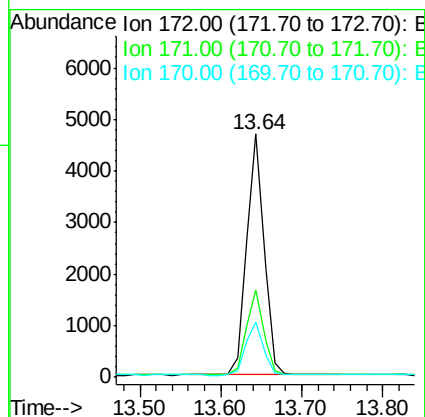
Tot Ion:172 Resp: 6887

Ion Ratio Lower Upper

172 100

171 35.8 29.9 44.9

170 23.0 21.8 32.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

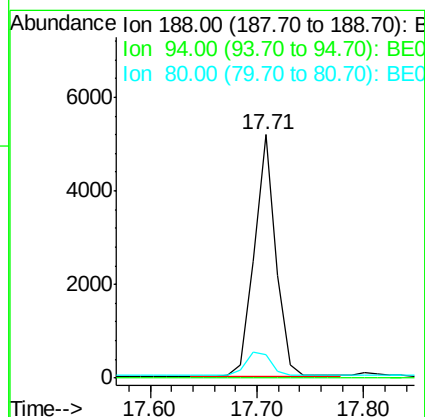
Tgt Ion:188 Resp: 7198

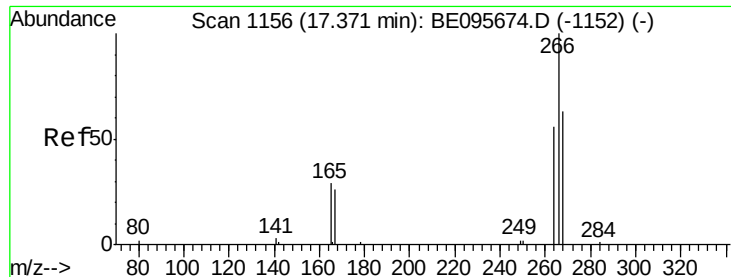
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 9.8 3.6 5.4#

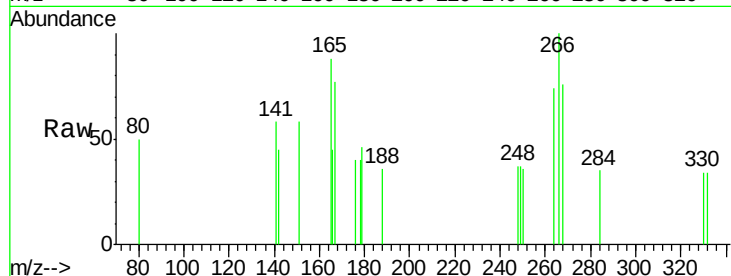




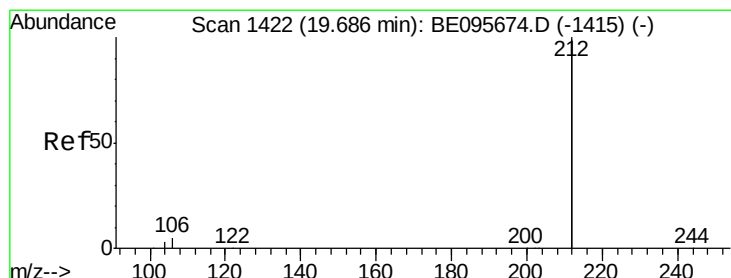
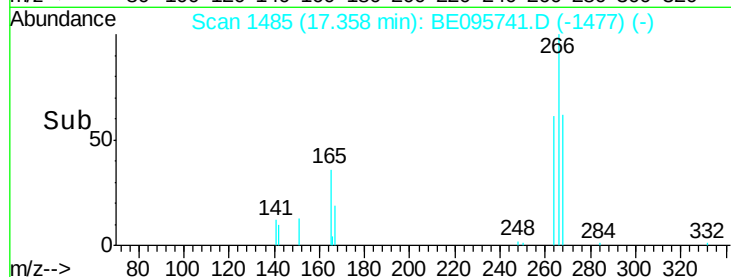
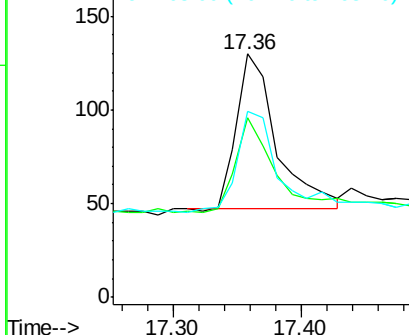
#22  
 Pentachlorophenol  
 Concen: 0.285 ng  
 RT: 17.36 min Scan# 1485  
 Delta R.T. -0.01 min  
 Lab File: BE095741.D  
 Acq: 12 Mar 2018 22:56

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CPS073071

Tot Ion:266 Resp: 183  
 Ion Ratio Lower Upper  
 266 100  
 264 73.8 72.5 108.7  
 268 76.2 73.8 110.6

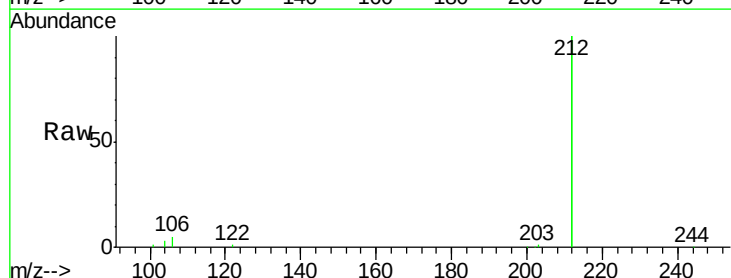


Abundance Ion 266.00 (265.70 to 266.70): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

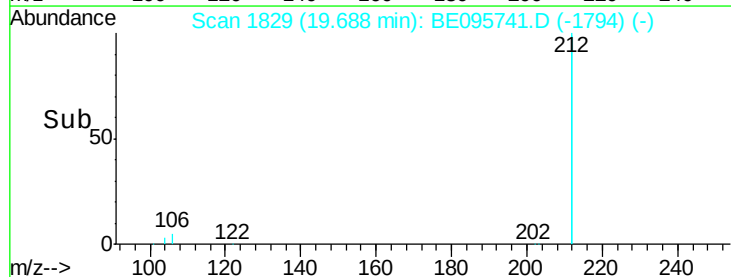
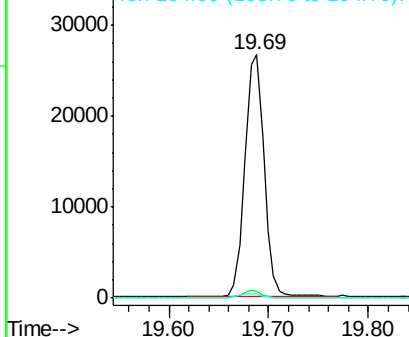


#25  
 Fluoranthene-d10  
 Concen: 0.378 ng  
 RT: 19.69 min Scan# 1829  
 Delta R.T. 0.00 min  
 Lab File: BE095741.D  
 Acq: 12 Mar 2018 22:56

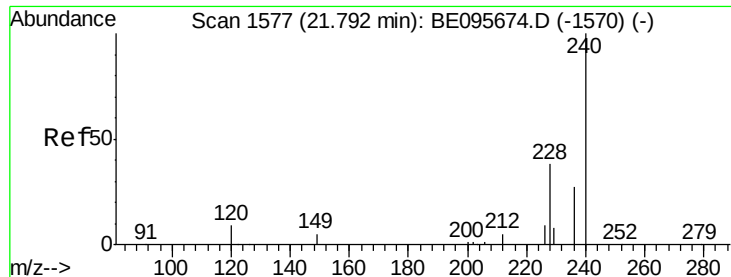
Tgt Ion:212 Resp: 35503  
 Ion Ratio Lower Upper  
 212 100  
 106 2.9 2.8 4.2  
 104 1.7 1.6 2.4



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: 21.80 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Instrument :

BNA\_E

ClientSampleId :

CPS073071

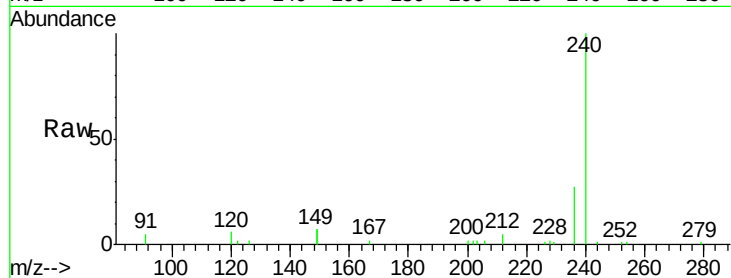
Tot Ion:240 Resp: 7288

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

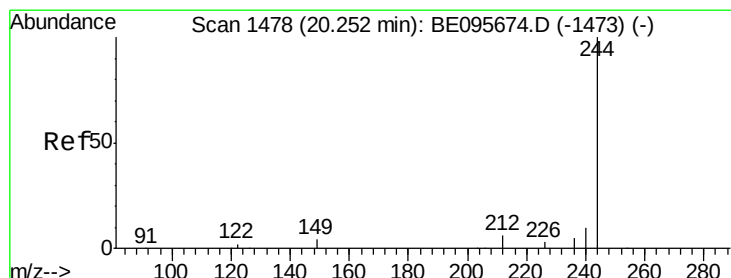
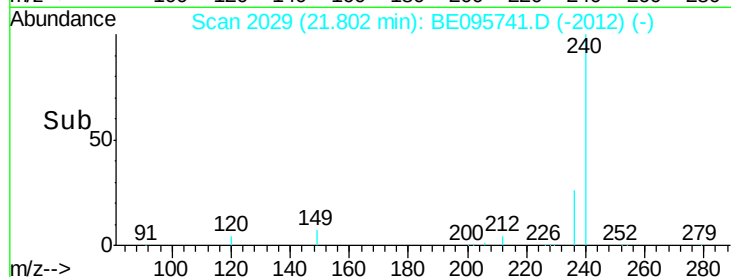
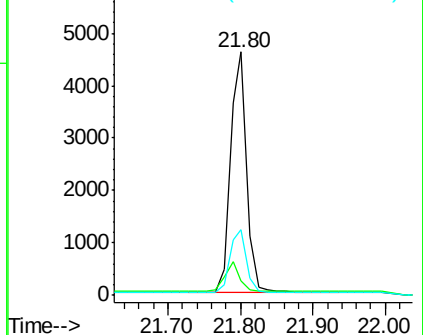
236 27.2 20.7 31.1



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: 0.610 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

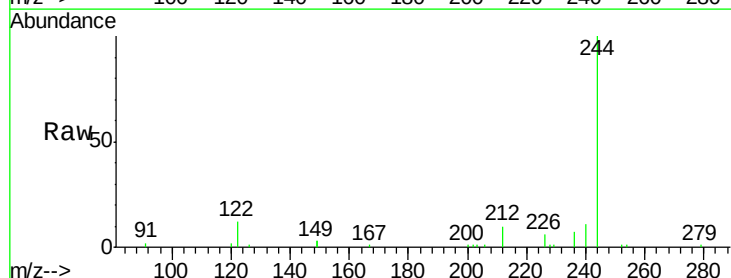
Tgt Ion:244 Resp: 8867

Ion Ratio Lower Upper

244 100

212 10.4 25.4 38.0#

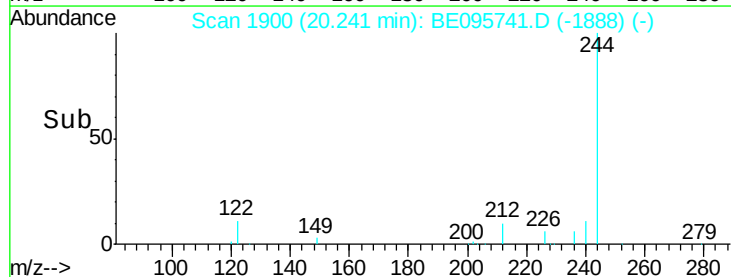
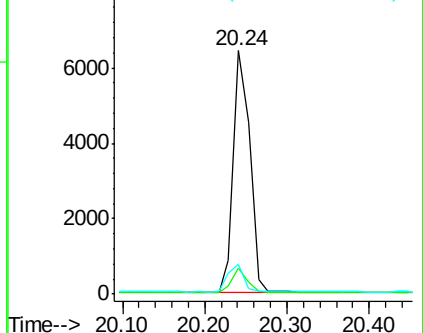
122 12.3 8.1 12.1#

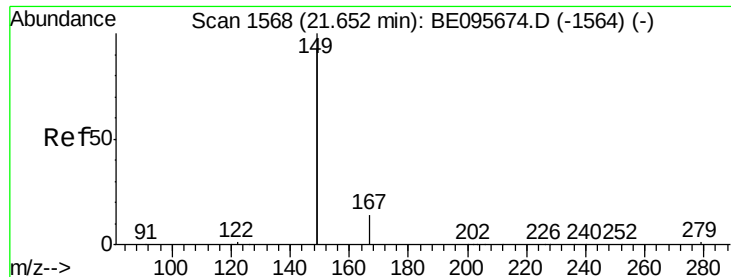


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

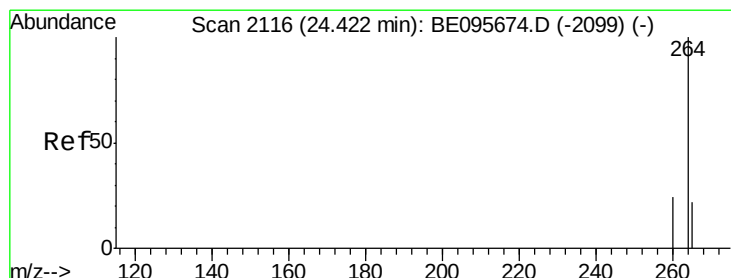
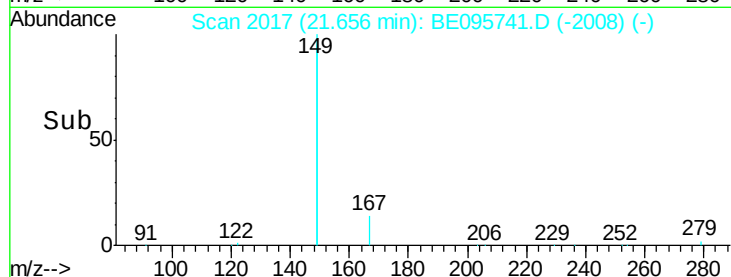
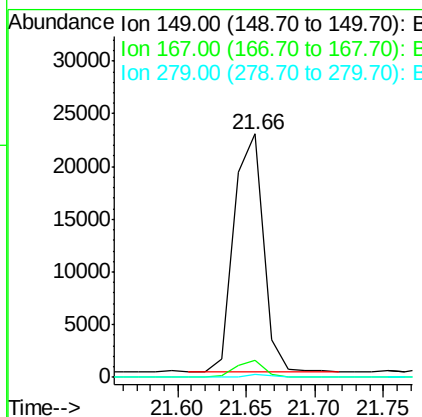
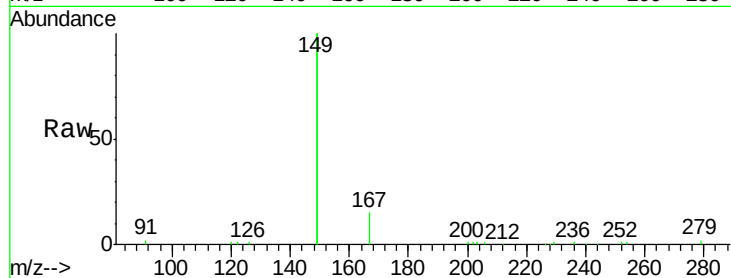




#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.792 ng  
 RT: 21.66 min Scan# 2017  
 Delta R.T. 0.00 min  
 Lab File: BE095741.D  
 Acq: 12 Mar 2018 22:56

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CPS073071

Tot Ion:149 Resp: 33297  
 Ion Ratio Lower Upper  
 149 100  
 167 6.6 5.4 8.0  
 279 0.9 0.7 1.1



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.42 min Scan# 2718  
 Delta R.T. 0.00 min  
 Lab File: BE095741.D  
 Acq: 12 Mar 2018 22:56

Tgt Ion:264 Resp: 6723  
 Ion Ratio Lower Upper  
 264 100  
 260 25.8 20.5 30.7  
 265 27.0 22.8 34.2

