

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE050118\  
 Data File : BE096282.D  
 Acq On : 2 May 2018 6:12  
 Operator : SJ/JU  
 Sample : J2641-10  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPS1-DUP03-20180426

Quant Time: May 02 11:31:06 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE041118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 30 14:27:29 2018  
 Response via : Initial Calibration

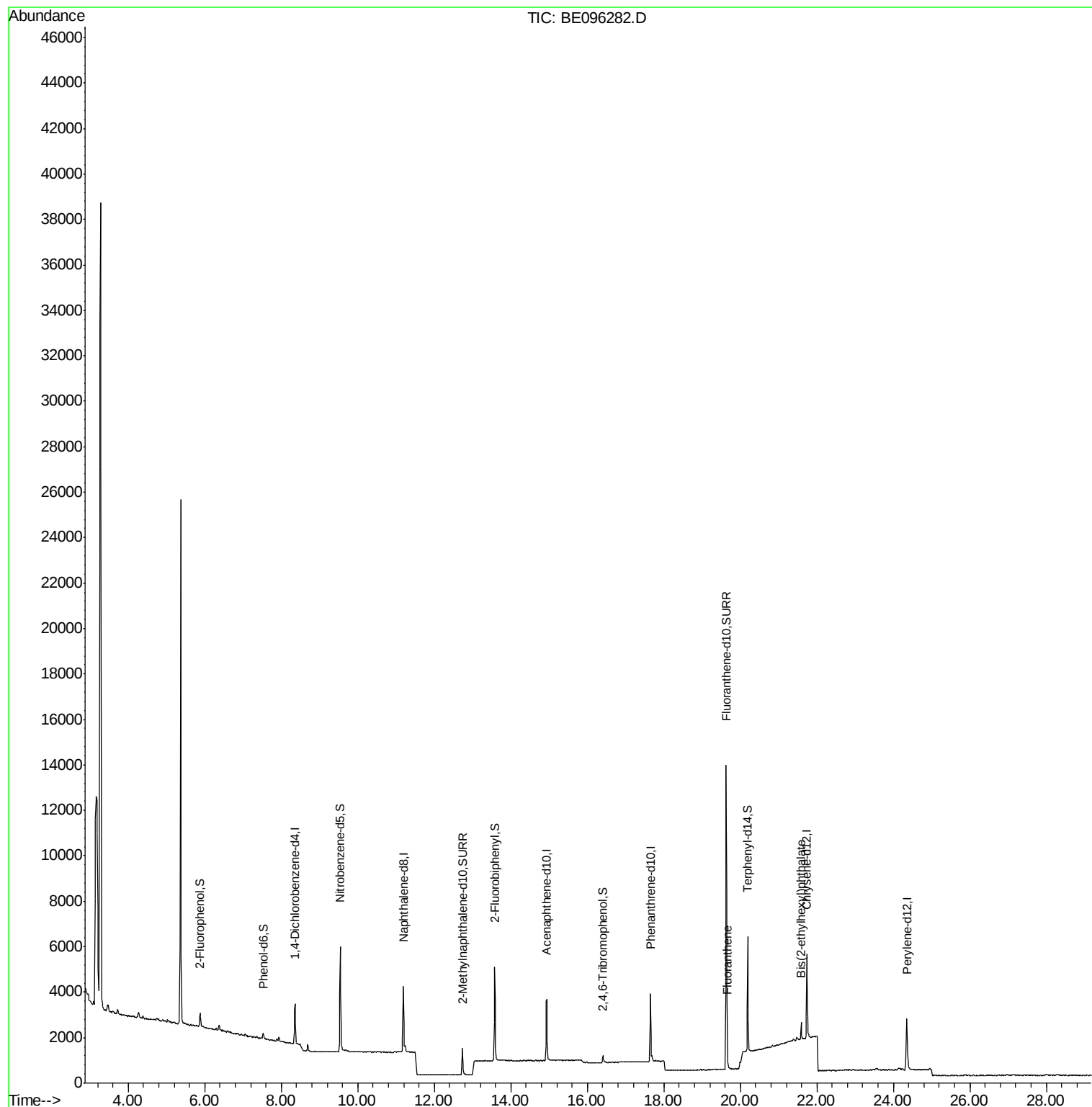
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.36  | 152  | 909      | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 11.19 | 136  | 3427     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.94 | 164  | 1791     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.65 | 188  | 4038     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.74 | 240  | 3950     | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 24.35 | 264  | 3752     | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.88  | 112  | 321      | 0.11  | ng    | 0.01     |
| 5) Phenol-d6                   | 7.53  | 99   | 258      | 0.07  | ng    | 0.02     |
| 8) Nitrobenzene-d5             | 9.54  | 82   | 1856     | 0.46  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.74 | 152  | 1707     | 0.31  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 16.41 | 330  | 180      | 0.21  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.57 | 172  | 3796     | 0.50  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.63 | 212  | 17634    | 0.32  | ng    | 0.00     |
| 29) Terphenyl-d14              | 20.19 | 244  | 4349     | 0.50  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 26) Fluoranthene               | 19.66 | 202  | 321      | 0.022 | ng    | # 95     |
| 32) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 938      | 0.029 | ng    | # 99     |

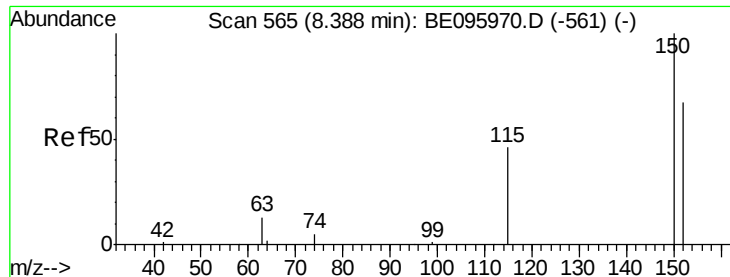
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 30 14:27:29 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.36 min Scan# 562

Delta R.T. 0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA\_E

ClientSampleId :

BPS1-DUP03-20180426

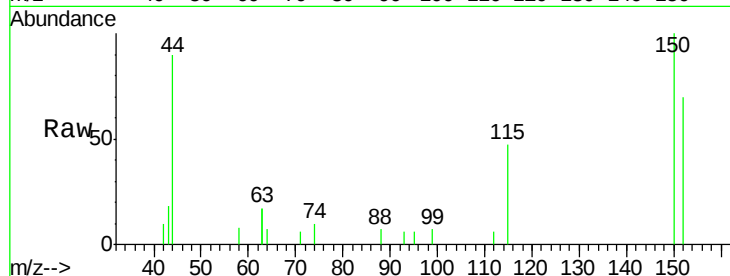
Tgt Ion:152 Resp: 909

Ion Ratio Lower Upper

152 100

150 143.6 117.2 175.8

115 67.3 57.0 85.6

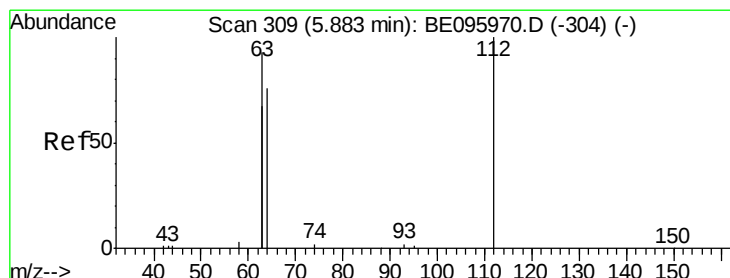
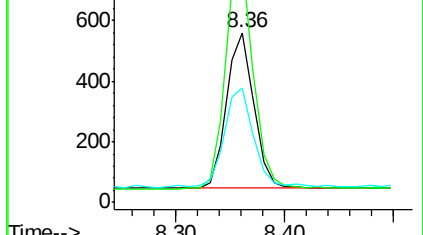
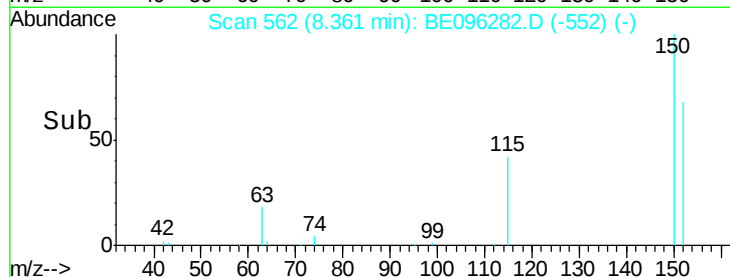


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#4

2-Fluorophenol

Concen: 0.114 ng

RT: 5.88 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

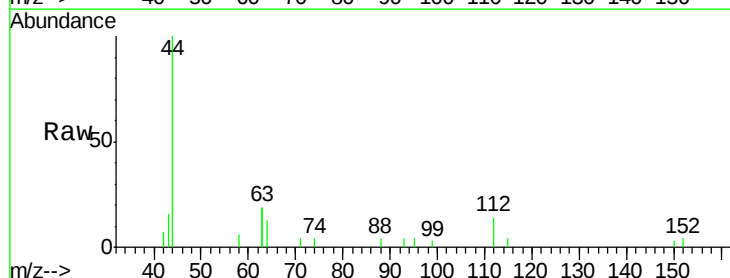
Tgt Ion:112 Resp: 321

Ion Ratio Lower Upper

112 100

64 81.0 60.1 90.1

63 189.4 116.8 175.2#

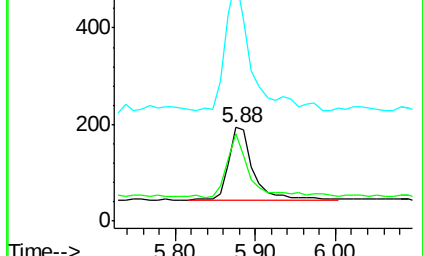
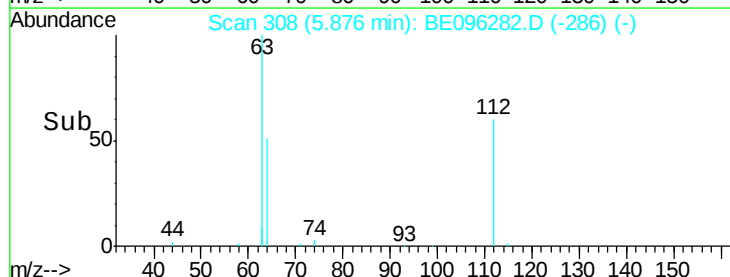


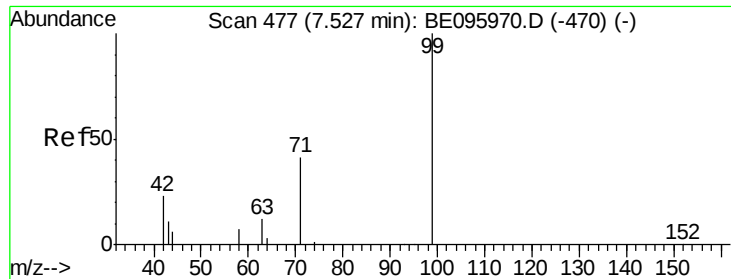
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.067 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA\_E

ClientSampleId :

BPS1-DUP03-20180426

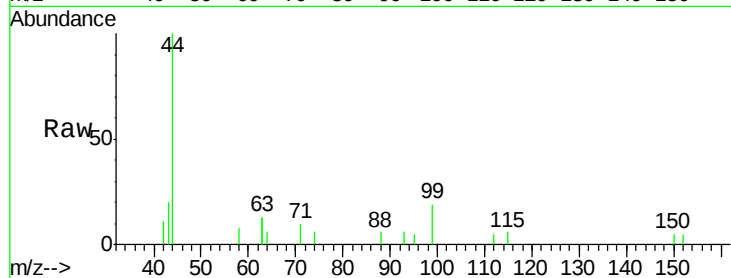
Tgt Ion: 99 Resp: 258

Ion Ratio Lower Upper

99 100

42 31.4 20.2 30.2#

71 36.4 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

7.53

150

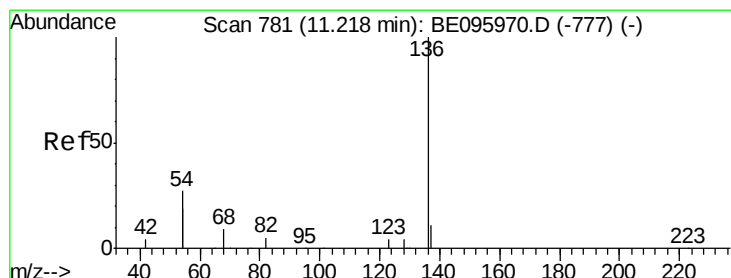
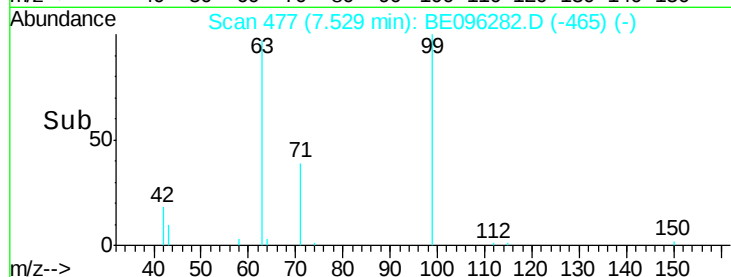
100

50

0

7.45 7.50 7.55 7.60

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Tgt Ion: 136 Resp: 3427

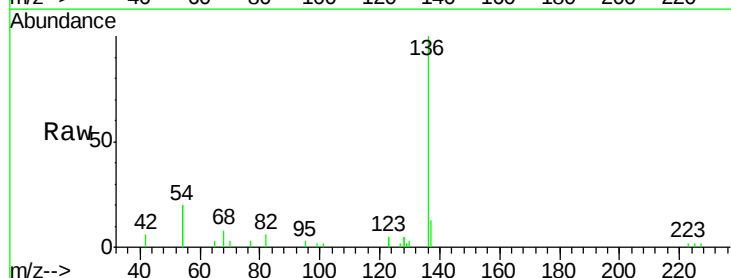
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 40.4 29.1 43.7

68 7.5 6.2 9.2



Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

11.19

3000

2500

2000

1500

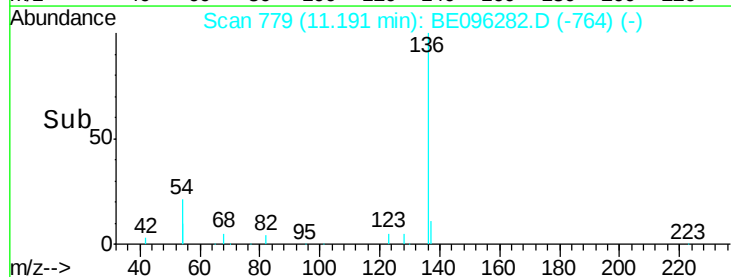
1000

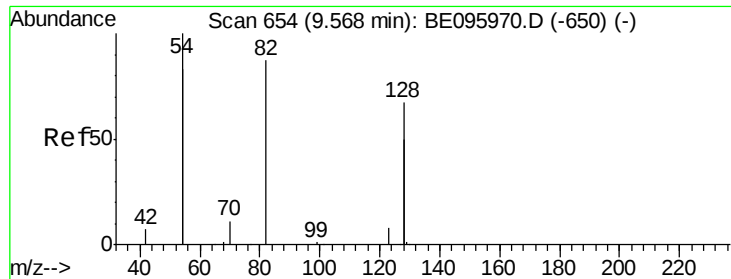
500

0

11.20 11.40

Time-->





#8

Nitrobenzene-d5

Concen: 0.462 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA\_E

ClientSampleId :

BPS1-DUP03-20180426

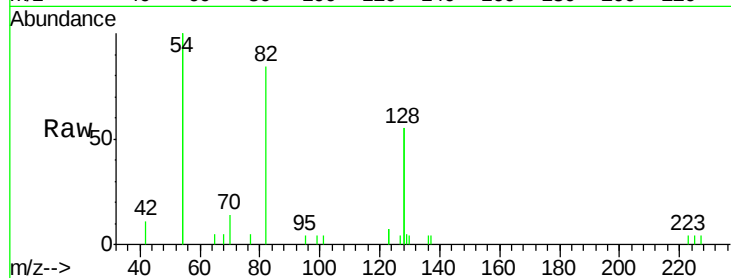
Tgt Ion: 82 Resp: 1856

Ion Ratio Lower Upper

82 100

128 130.1 150.0 225.0#

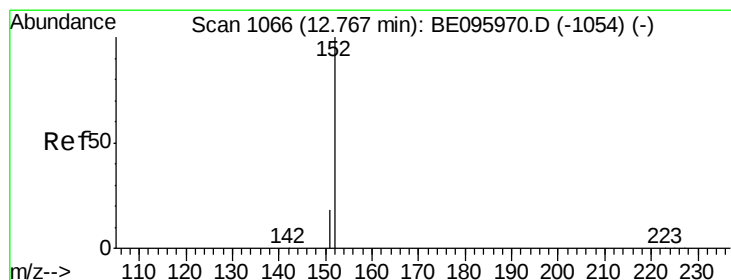
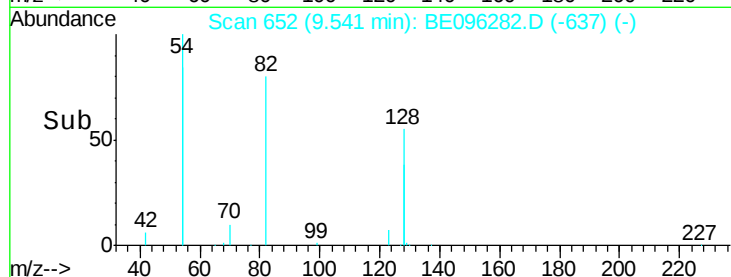
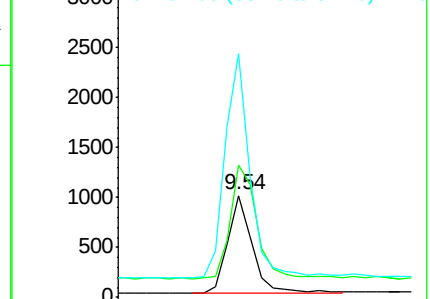
54 238.7 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.314 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096282.D

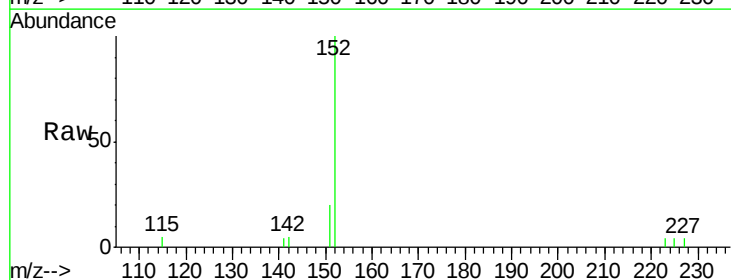
Acq: 2 May 2018 6:12

Tgt Ion: 152 Resp: 1707

Ion Ratio Lower Upper

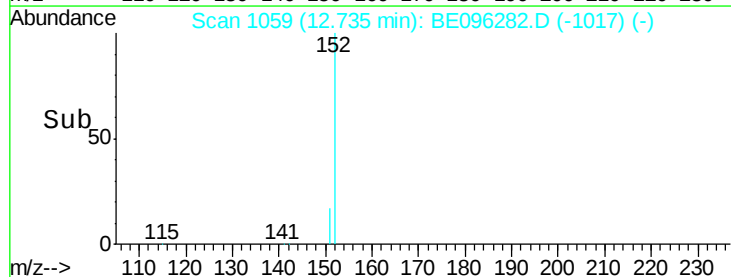
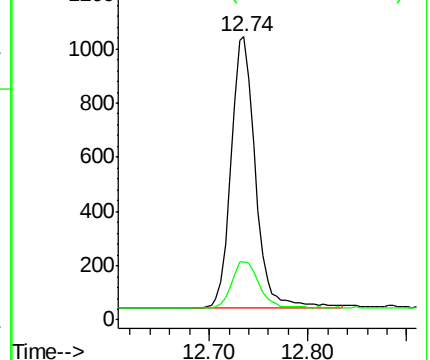
152 100

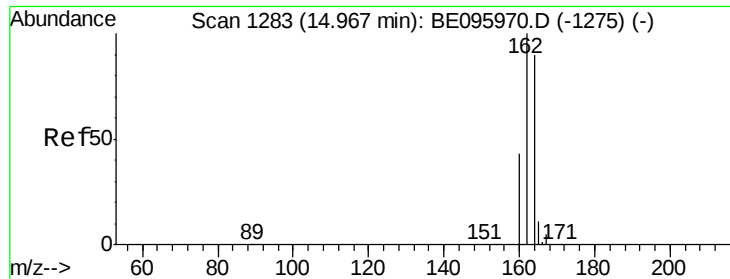
151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA\_E

ClientSampleId :

BPS1-DUP03-20180426

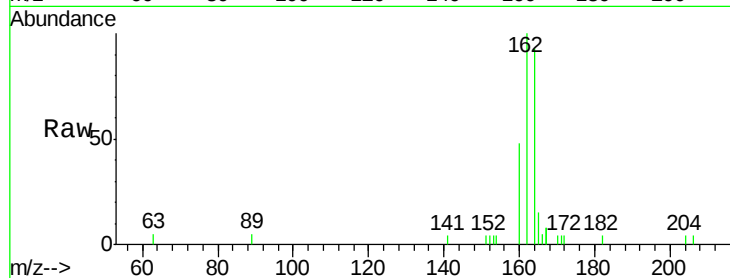
Tgt Ion:164 Resp: 1791

Ion Ratio Lower Upper

164 100

162 107.5 83.1 124.7

160 51.8 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

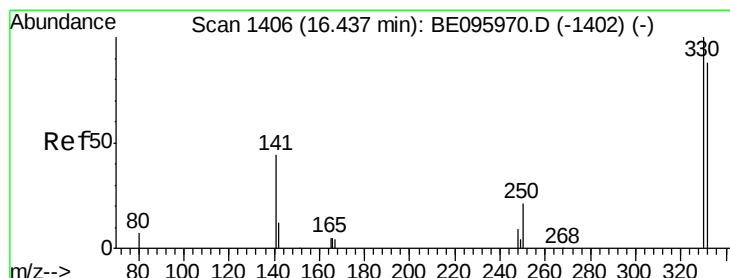
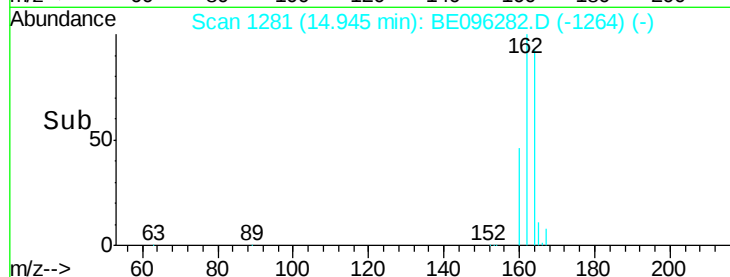
14.94

1000

500

0

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.208 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

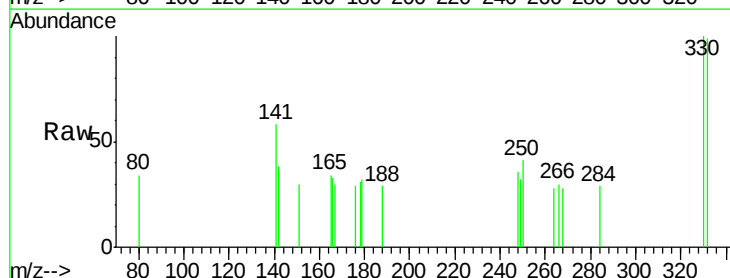
Tgt Ion:330 Resp: 180

Ion Ratio Lower Upper

330 100

332 106.7 152.7 229.1#

141 62.8 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

16.41

200

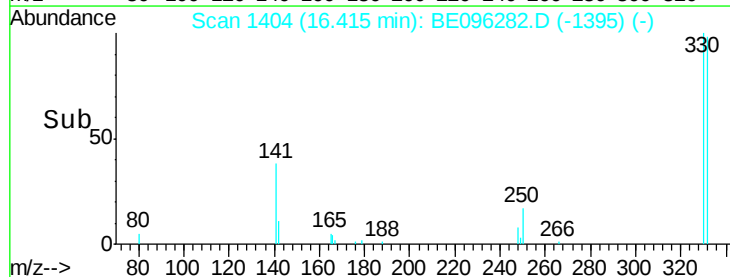
150

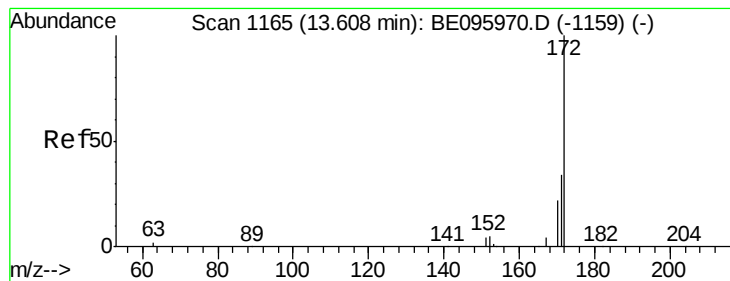
100

50

0

Time-->





#15

2-Fluorobiphenyl

Concen: 0.495 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

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ClientSampleId :

BPS1-DUP03-20180426

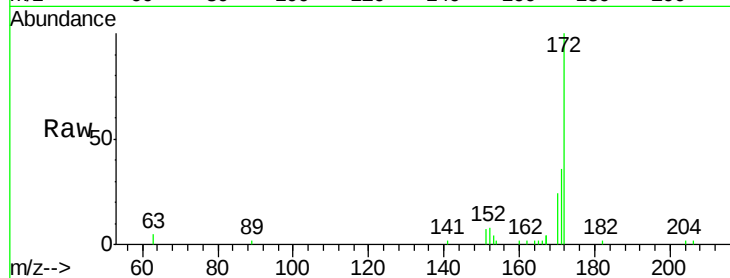
Tgt Ion:172 Resp: 3796

Ion Ratio Lower Upper

172 100

171 36.4 29.9 44.9

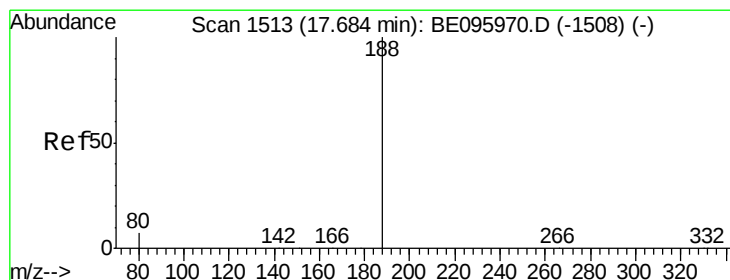
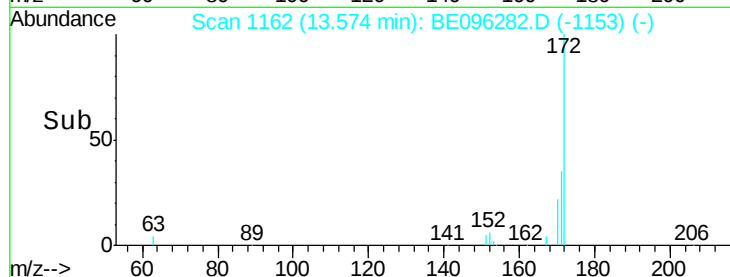
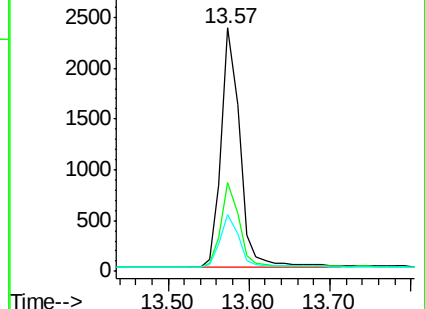
170 23.6 21.8 32.8



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

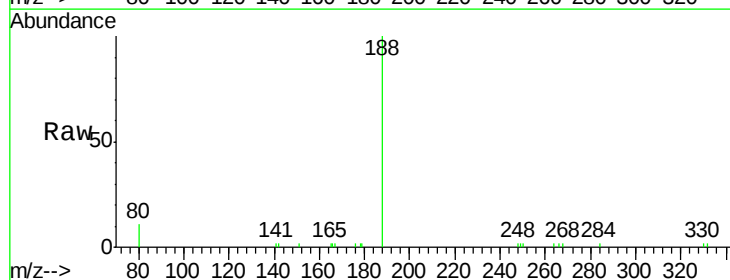
Tgt Ion:188 Resp: 4038

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

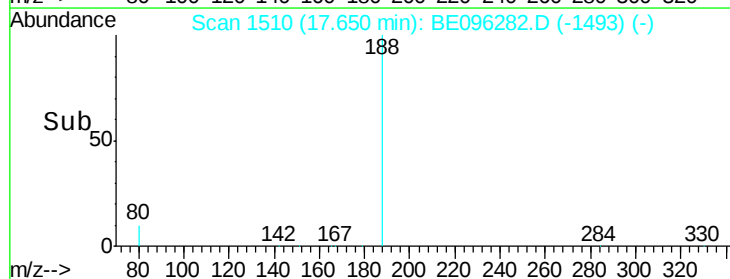
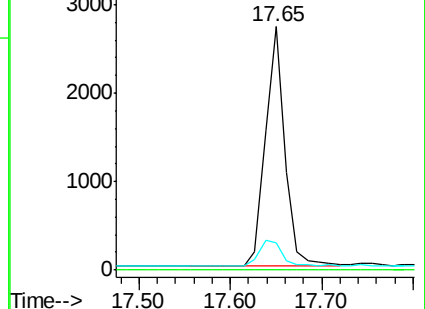
80 11.3 3.6 5.4#

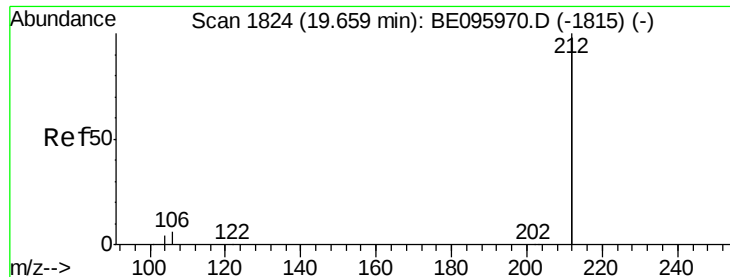


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.322 ng

RT: 19.63 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

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ClientSampleId :

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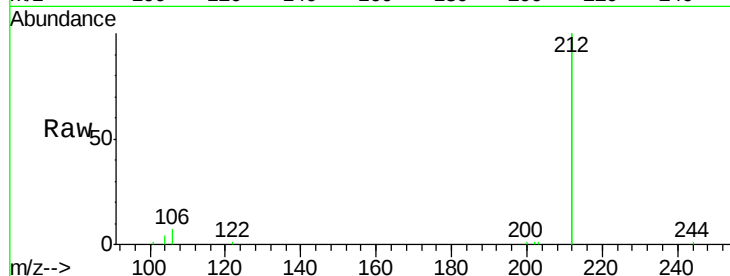
Tgt Ion:212 Resp: 17634

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

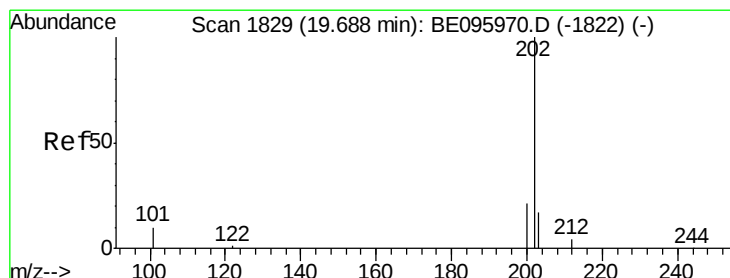
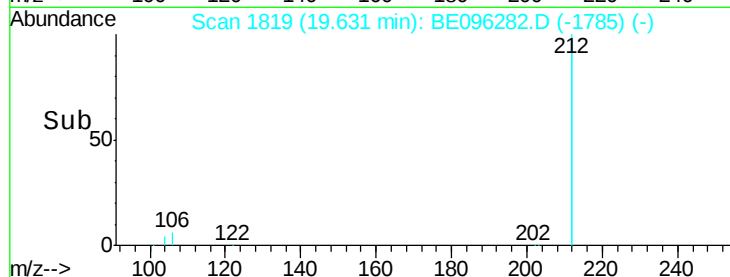
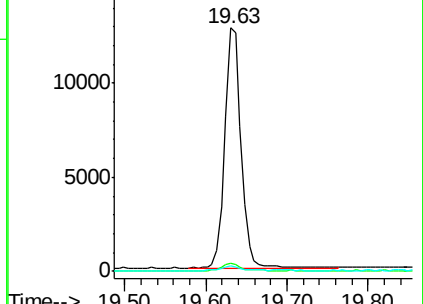
104 1.8 1.6 2.4



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



#26

Fluoranthene

Concen: 0.022 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

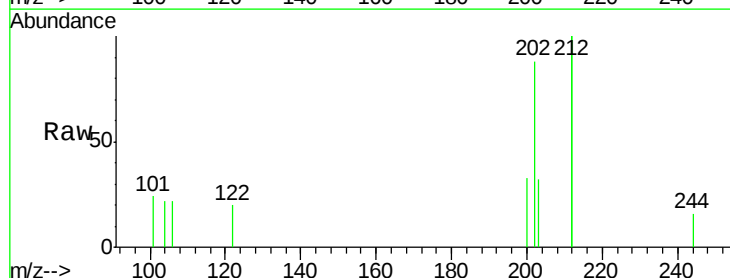
Tgt Ion:202 Resp: 321

Ion Ratio Lower Upper

202 100

101 15.0 9.8 14.8#

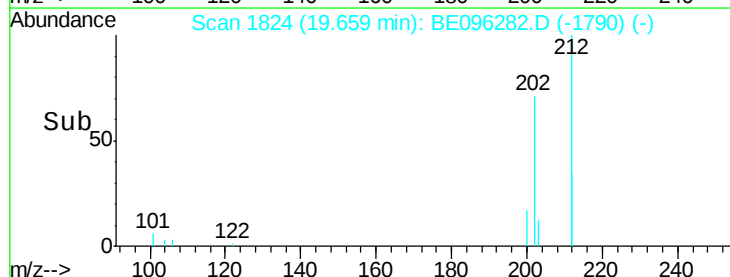
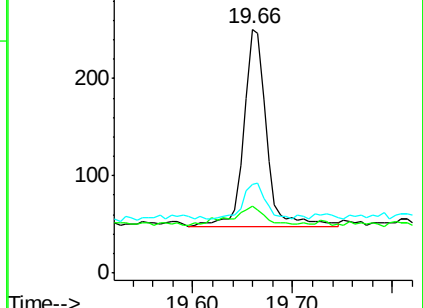
203 18.7 13.7 20.5

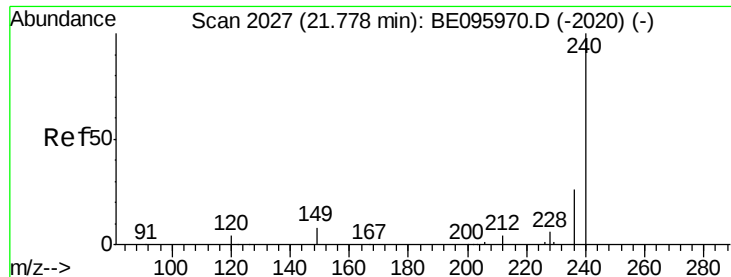


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

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BPS1-DUP03-20180426

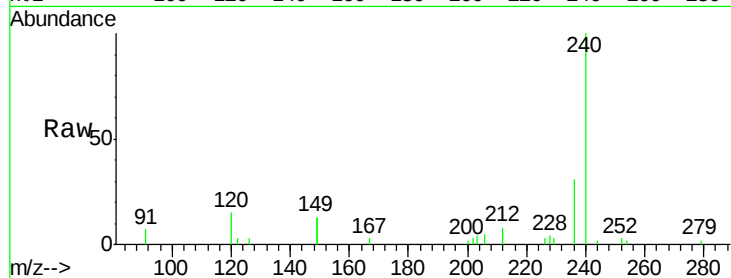
Tgt Ion:240 Resp: 3950

Ion Ratio Lower Upper

240 100

120 15.4 5.5 8.3#

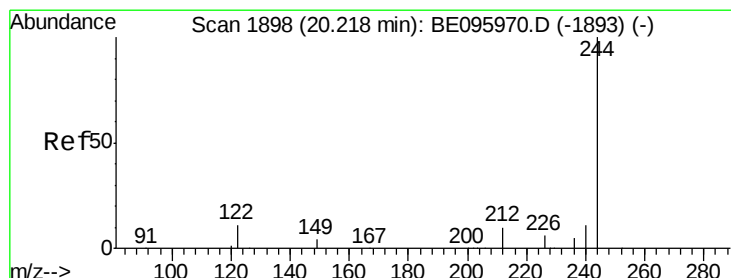
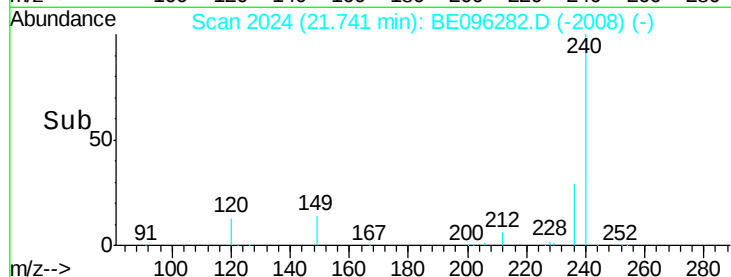
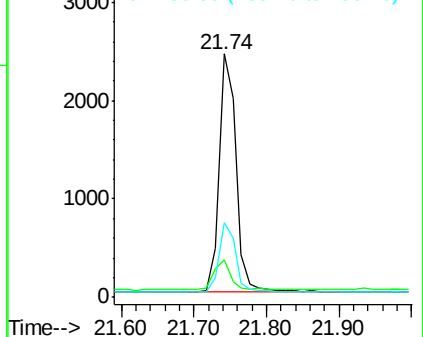
236 30.7 20.7 31.1



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: 0.498 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

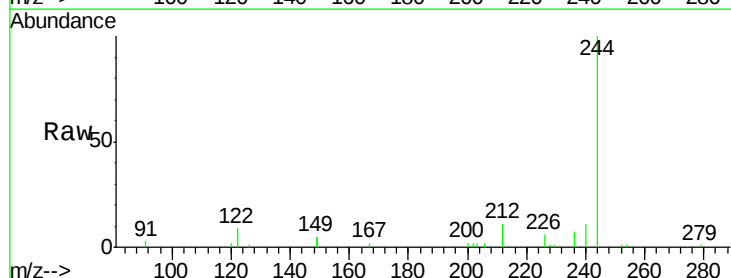
Tgt Ion:244 Resp: 4349

Ion Ratio Lower Upper

244 100

212 10.5 25.4 38.0#

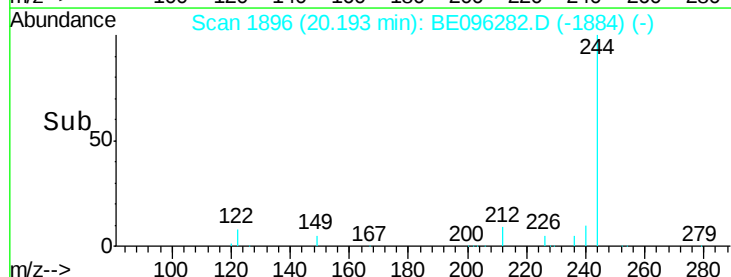
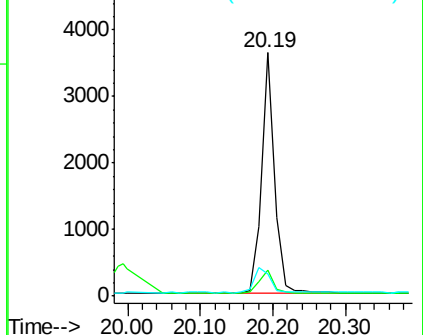
122 9.1 8.1 12.1

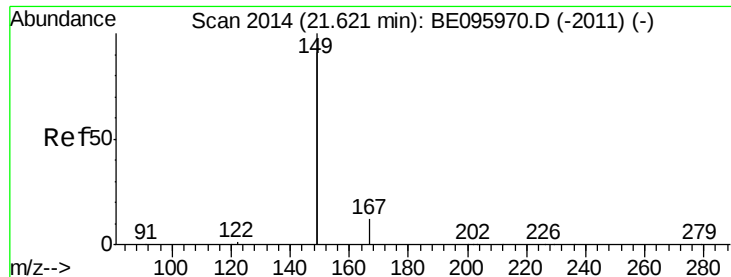


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.029 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

Instrument :

BNA\_E

ClientSampleId :

BPS1-DUP03-20180426

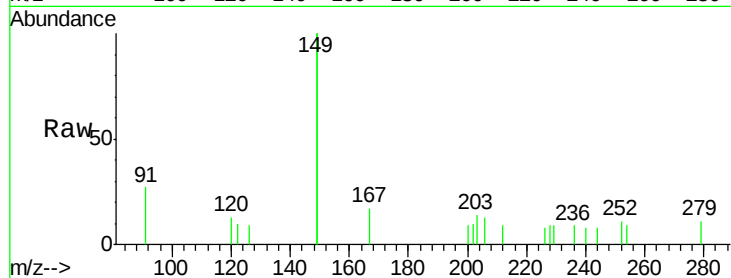
Tgt Ion:149 Resp: 938

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

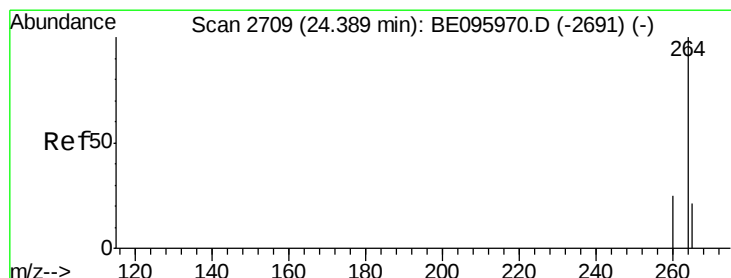
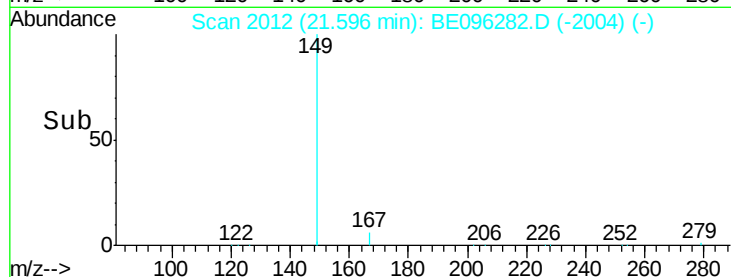
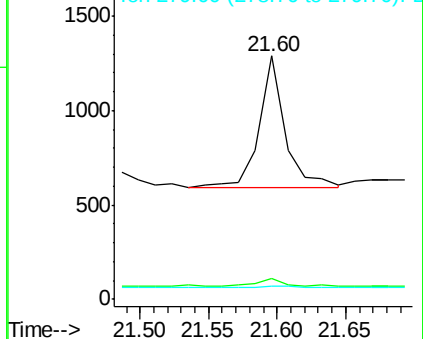
279 2.0 0.7 1.1#



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: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096282.D

Acq: 2 May 2018 6:12

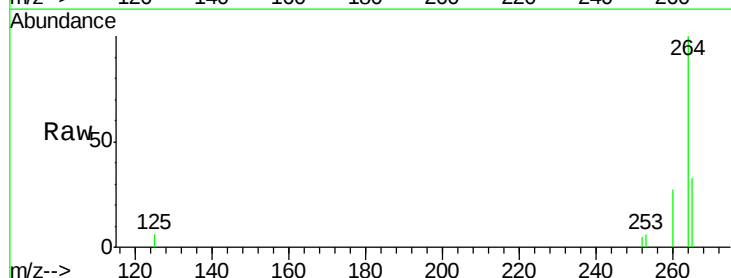
Tgt Ion:264 Resp: 3752

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

265 33.0 22.8 34.2



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

