

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE040717\  
 Data File : BE092895.D  
 Acq On : 7 Apr 2017 15:08  
 Operator : SJ/MA  
 Sample : I2549-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 OUTFALL001-170404

Quant Time: Apr 08 01:38:57 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE040417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 04 16:35:54 2017  
 Response via : Initial Calibration

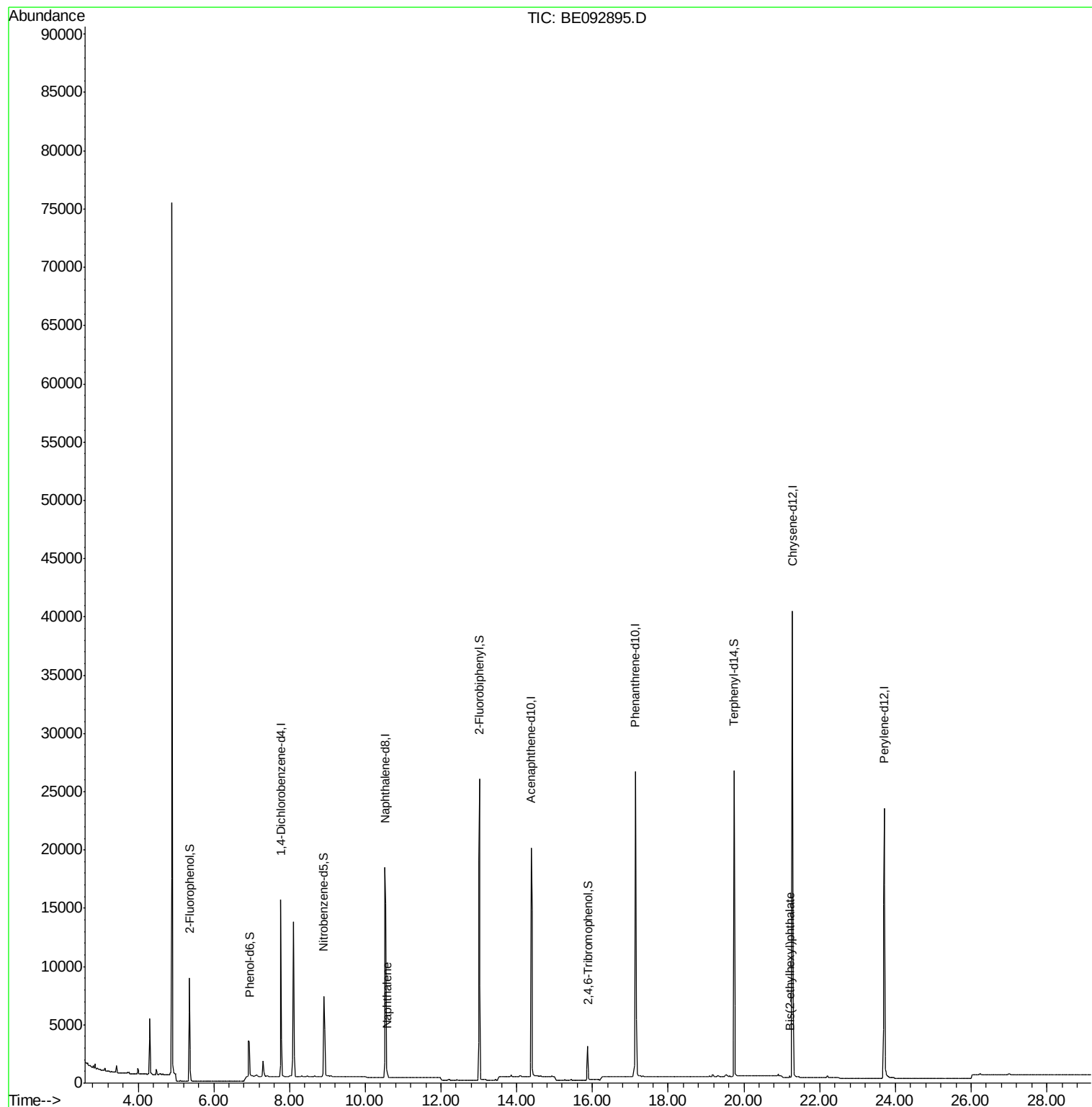
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.77  | 152  | 7732     | 5.00  | ng    | -0.02    |
| 7) Naphthalene-d8              | 10.53 | 136  | 31197    | 5.00  | ng    | -0.02    |
| 12) Acenaphthene-d10           | 14.38 | 164  | 14276    | 5.00  | ng    | -0.02    |
| 18) Phenanthrene-d10           | 17.13 | 188  | 34984    | 5.00  | ng    | -0.02    |
| 24) Chrysene-d12               | 21.28 | 240  | 39523    | 5.00  | ng    | -0.02    |
| 31) Perylene-d12               | 23.70 | 264  | 33388    | 5.00  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.36  | 112  | 6520     | 4.19  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.95  | 99   | 5074     | 2.27  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.90  | 82   | 7882     | 4.41  | ng    | -0.02    |
| 13) 2,4,6-Tribromophenol       | 15.88 | 330  | 1924     | 10.49 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 13.02 | 172  | 24864    | 5.16  | ng    | -0.01    |
| 26) Terphenyl-d14              | 19.74 | 244  | 29344    | 4.83  | ng    | -0.02    |
| Target Compounds               |       |      |          |       |       |          |
| 9) Naphthalene                 | 10.58 | 128  | 468      | 0.07  | ng    | # 75     |
| 29) Bis(2-ethylhexyl)phthalate | 21.21 | 149  | 207      | 0.03  | ng    | # 73     |

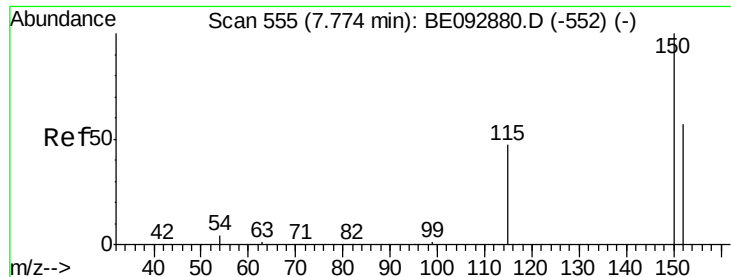
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

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ClientSampleId :

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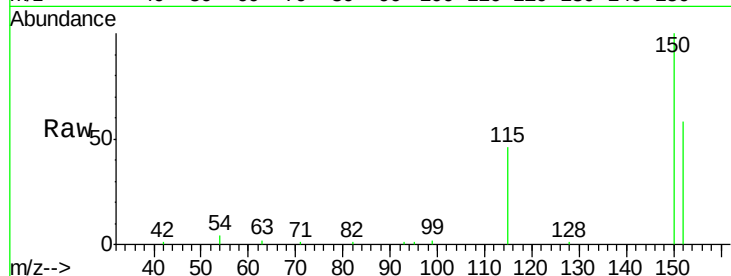
Tgt Ion:152 Resp: 7732

Ion Ratio Lower Upper

152 100

150 173.2 106.0 159.0#

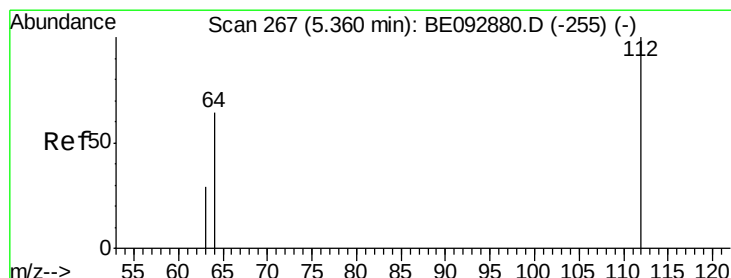
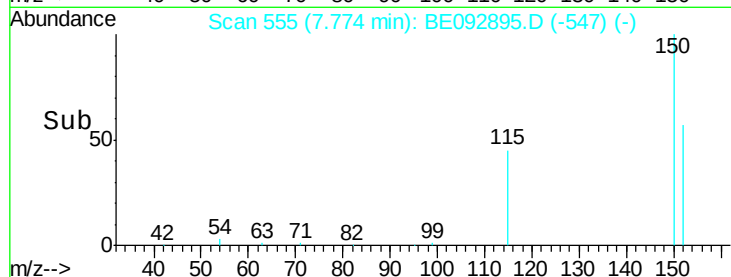
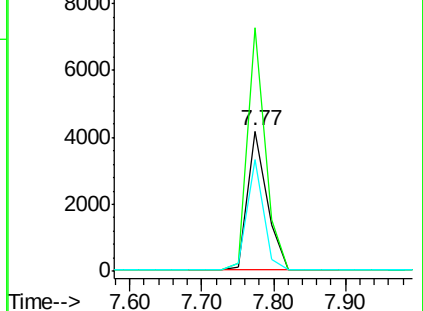
115 79.3 31.2 46.8#



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: 4.19 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

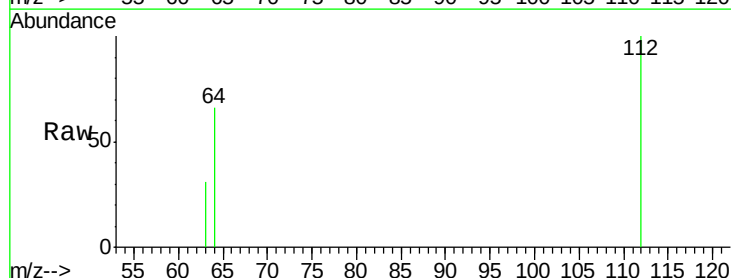
Tgt Ion:112 Resp: 6520

Ion Ratio Lower Upper

112 100

64 69.4 53.5 80.3

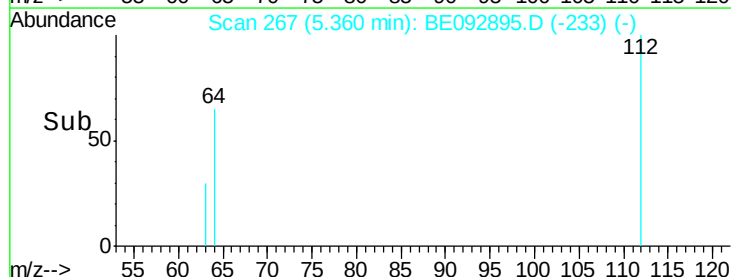
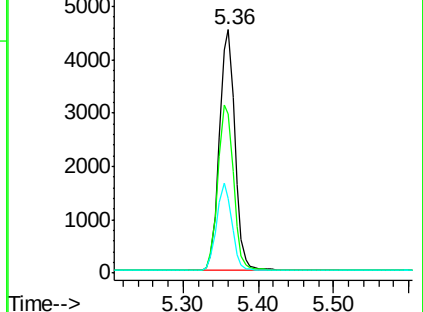
63 35.3 27.9 41.9

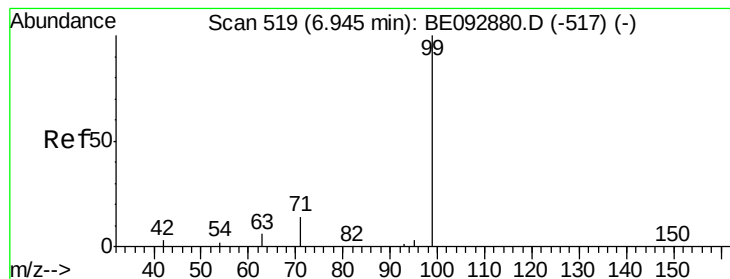


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.27 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

Instrument :

BNA\_E

ClientSampleId :

OUTFALL001-170404

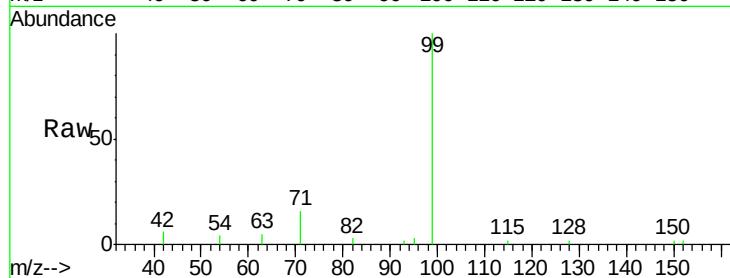
Tgt Ion: 99 Resp: 5074

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

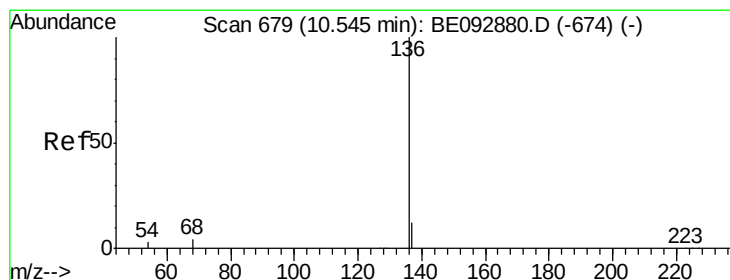
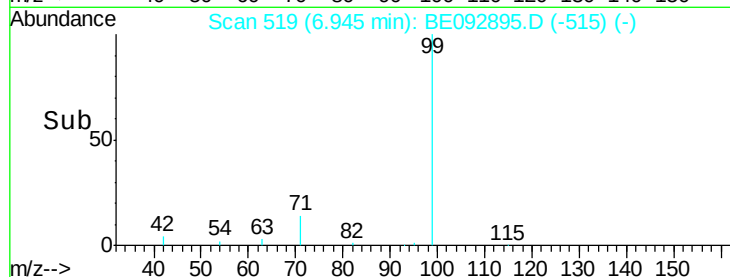
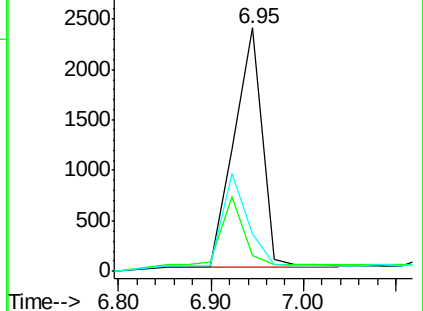
71 0.0 30.6 45.8#



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: 10.53 min Scan# 678

Delta R.T. -0.02 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

Tgt Ion: 136 Resp: 31197

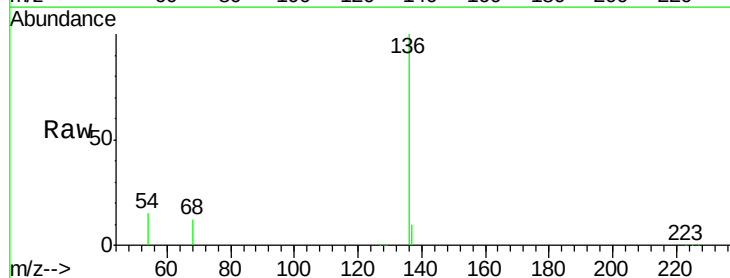
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.4

54 15.1 9.6 14.4#

68 12.3 6.7 10.1#

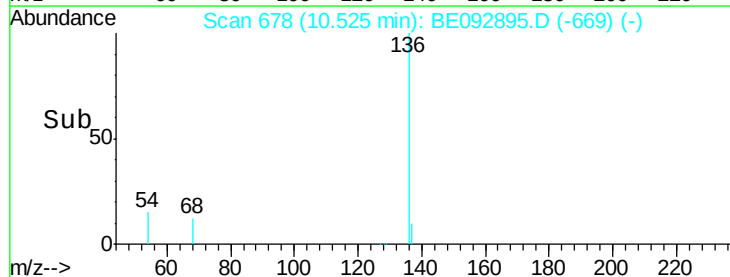
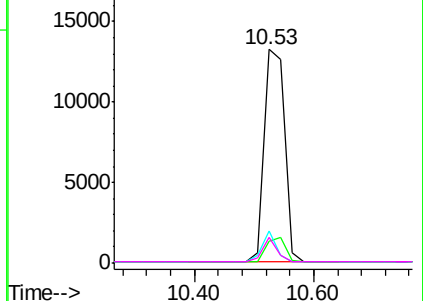


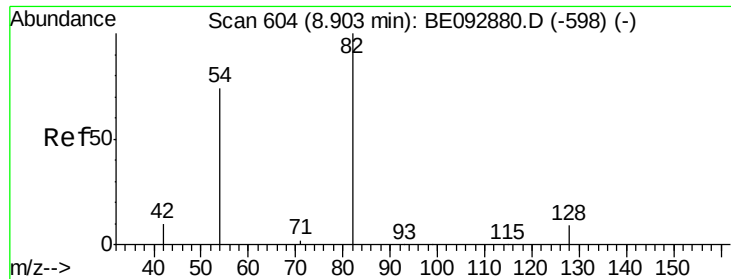
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.41 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

Instrument :

BNA\_E

ClientSampleId :

OUTFALL001-170404

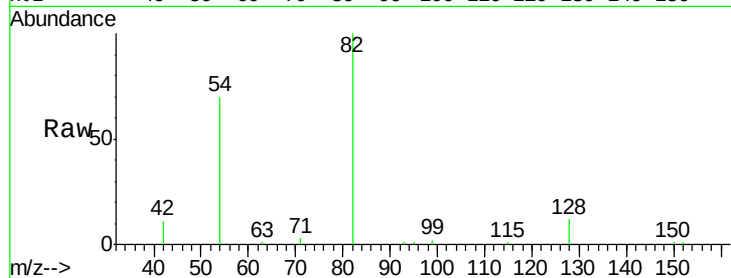
Tgt Ion: 82 Resp: 7882

Ion Ratio Lower Upper

82 100

128 11.5 39.0 58.4#

54 69.9 44.8 67.2#

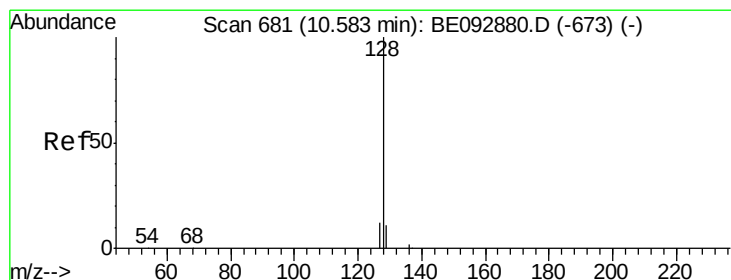
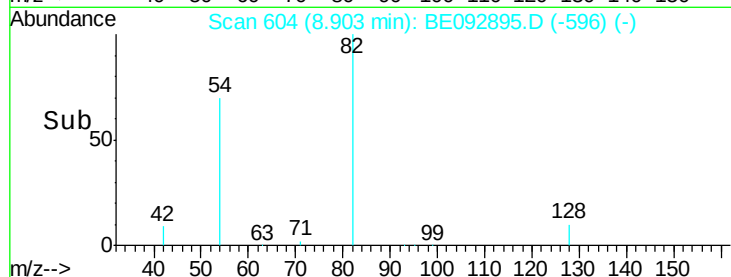


Abundance Ion 82.00 (81.70 to 82.70): BE092880.D (-598) (-)

Ion 128.00 (127.70 to 128.70): BE092880.D (-598) (-)

Ion 54.00 (53.70 to 54.70): BE092880.D (-598) (-)

Time-->



#9

Naphthalene

Concen: 0.07 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

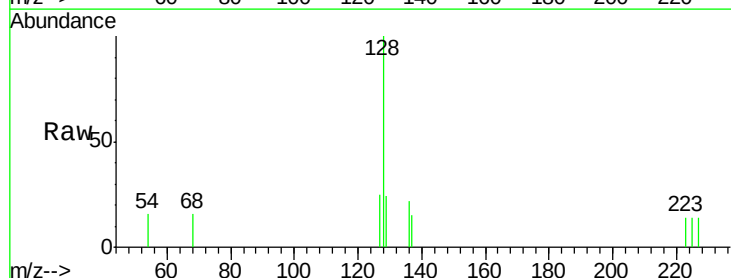
Tgt Ion: 128 Resp: 468

Ion Ratio Lower Upper

128 100

129 24.1 11.2 16.8#

127 24.8 11.6 17.4#

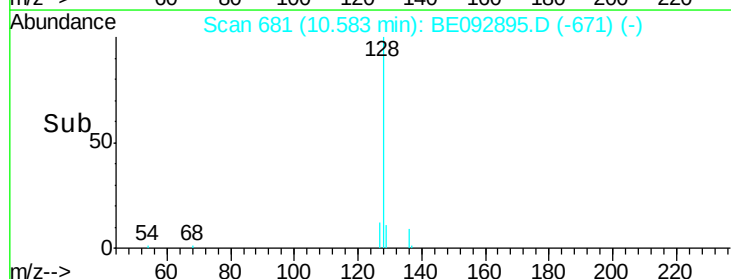


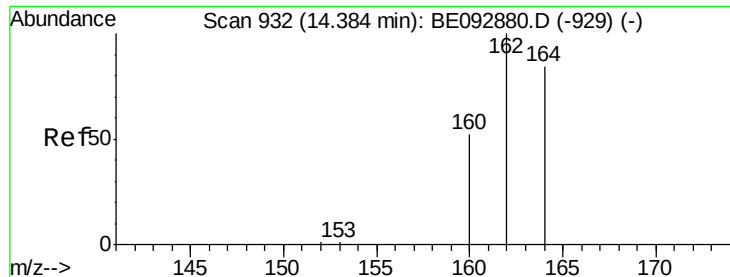
Abundance Ion 128.00 (127.70 to 128.70): BE092880.D (-673) (-)

Ion 129.00 (128.70 to 129.70): BE092880.D (-673) (-)

Ion 127.00 (126.70 to 127.70): BE092880.D (-673) (-)

Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 932

Delta R.T. -0.02 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

Instrument :

BNA\_E

ClientSampleId :

OUTFALL001-170404

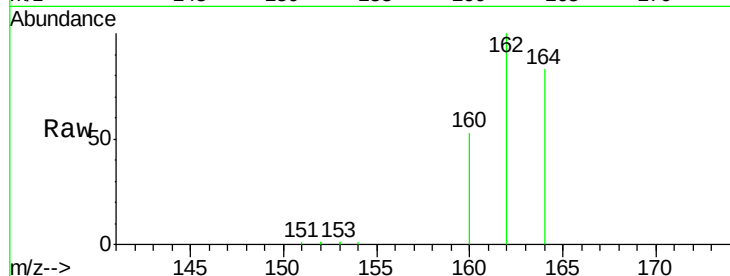
Tgt Ion:164 Resp: 14276

Ion Ratio Lower Upper

164 100

162 120.6 71.4 107.0#

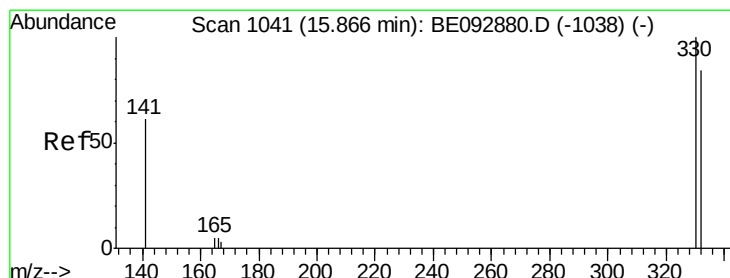
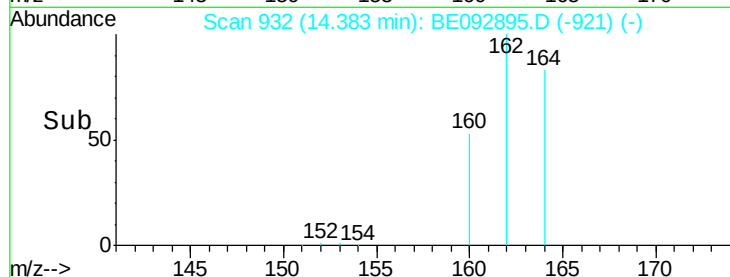
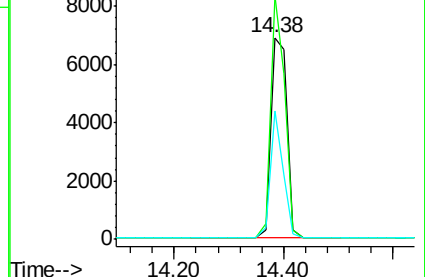
160 63.6 27.4 41.2#



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



#13

2,4,6-Tribromophenol

Concen: 10.49 ng

RT: 15.88 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

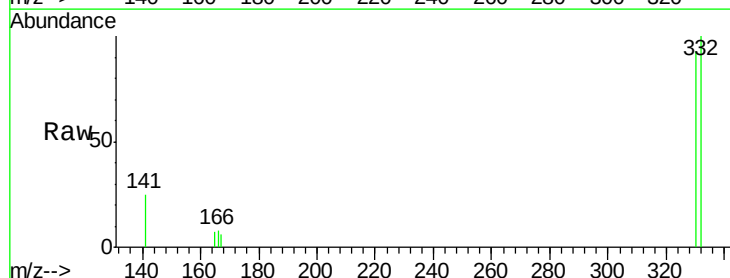
Tgt Ion:330 Resp: 1924

Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.0

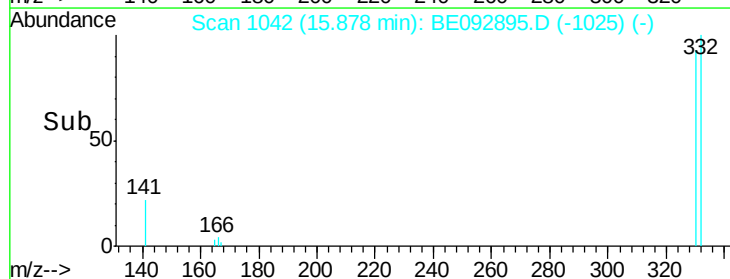
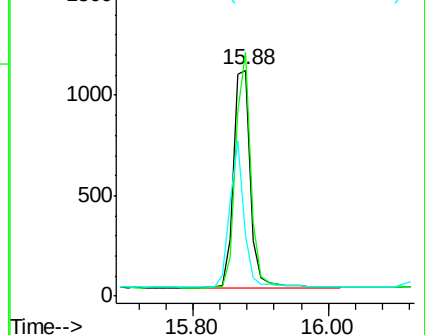
141 57.5 31.0 46.6#

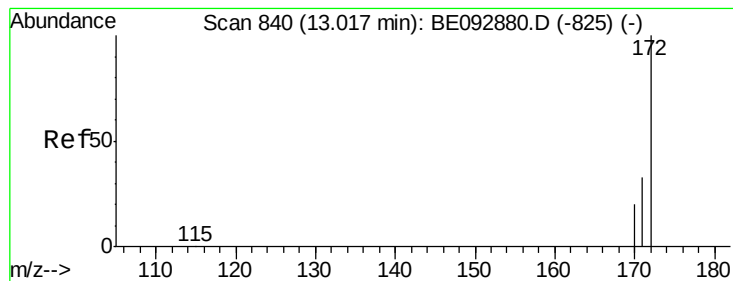


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 5.16 ng

RT: 13.02 min Scan# 840

Delta R.T. -0.01 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

Instrument :

BNA\_E

ClientSampleId :

OUTFALL001-170404

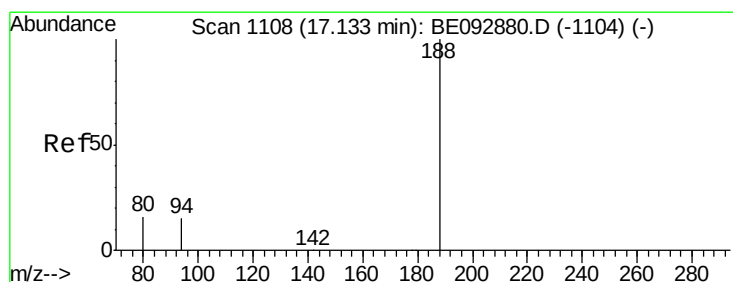
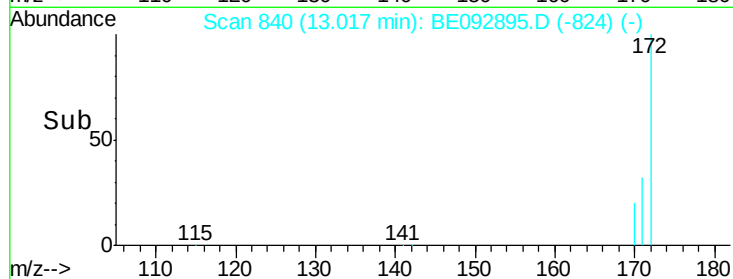
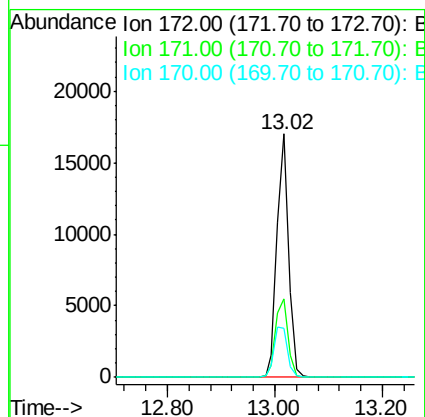
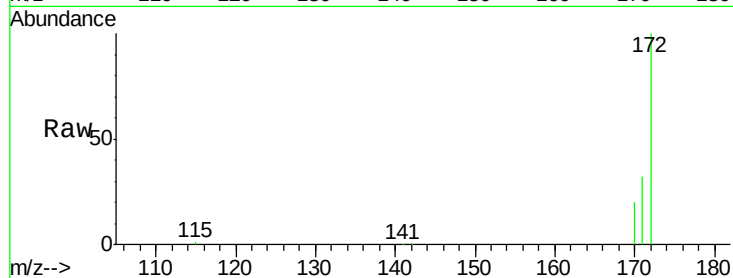
Tgt Ion:172 Resp: 24864

Ion Ratio Lower Upper

172 100

171 32.4 30.1 45.1

170 19.9 21.8 32.6#



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.13 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

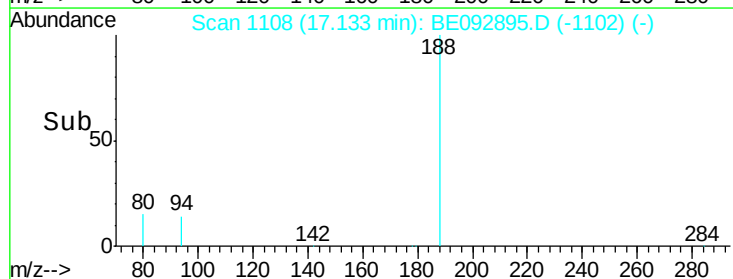
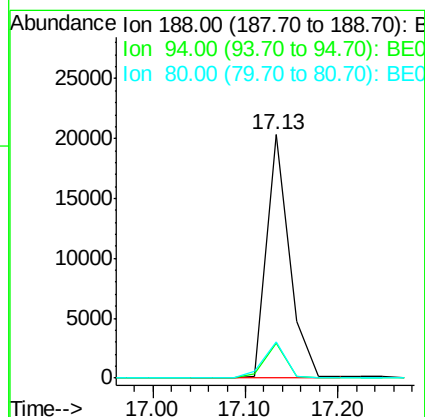
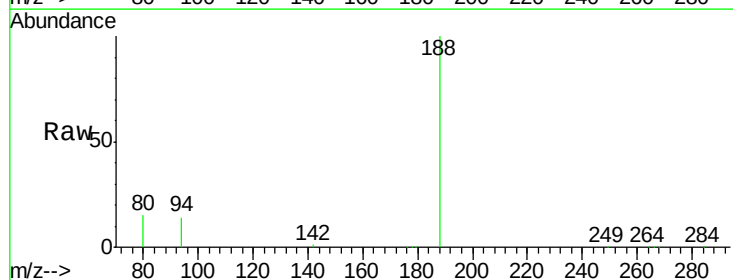
Tgt Ion:188 Resp: 34984

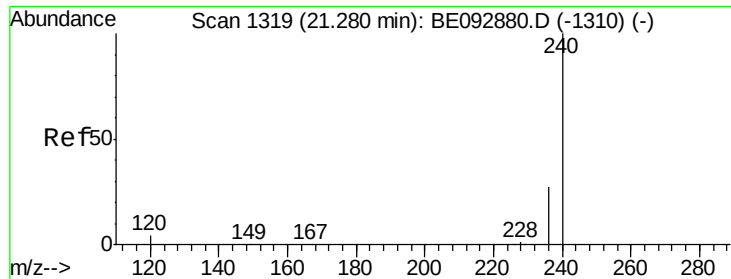
Ion Ratio Lower Upper

188 100

94 14.3 3.2 4.8#

80 14.8 2.6 3.8#





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

Instrument :

BNA\_E

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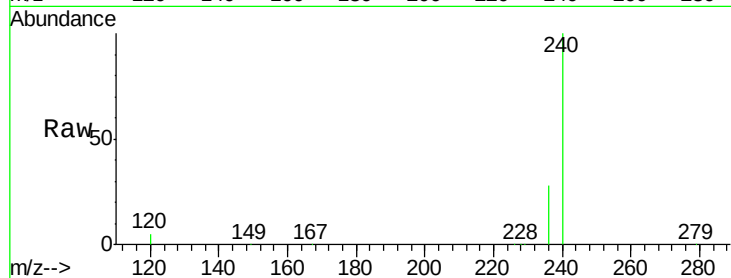
Tgt Ion:240 Resp: 39523

Ion Ratio Lower Upper

240 100

120 5.1 2.6 4.0#

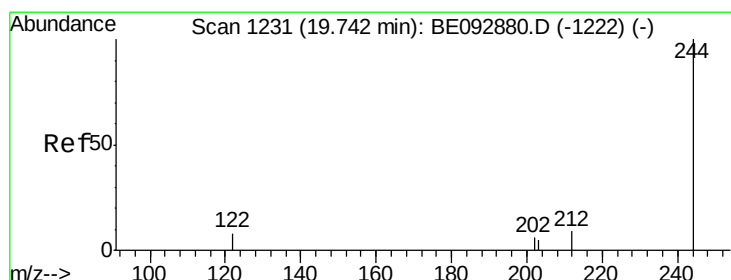
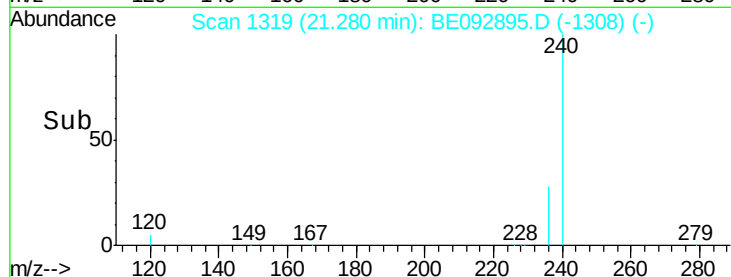
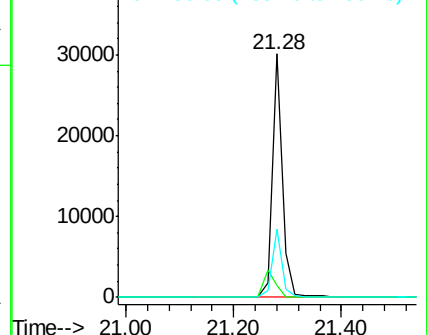
236 27.9 24.6 37.0



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: 4.83 ng

RT: 19.74 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

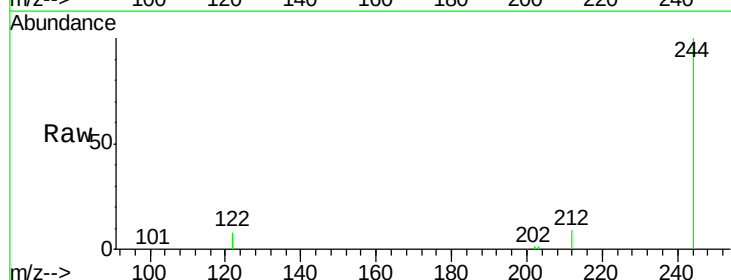
Tgt Ion:244 Resp: 29344

Ion Ratio Lower Upper

244 100

212 9.3 6.7 10.1

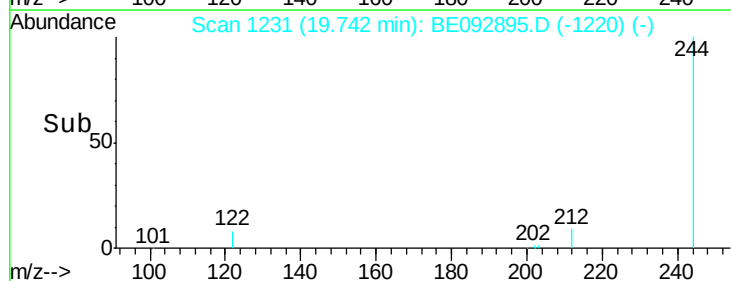
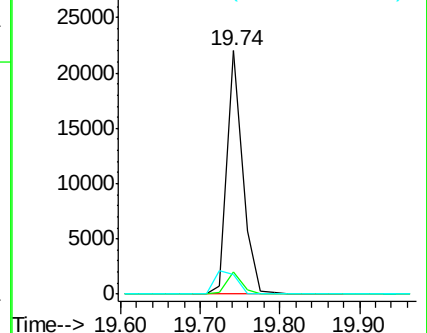
122 8.1 3.6 5.4#



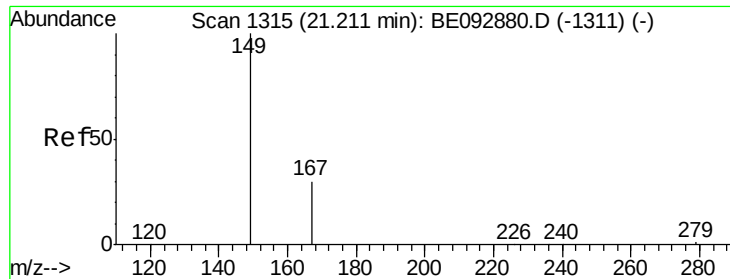
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#29

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng

RT: 21.21 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

Instrument :

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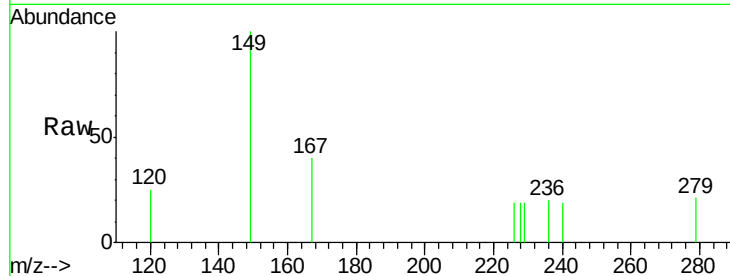
Tgt Ion:149 Resp: 207

Ion Ratio Lower Upper

149 100

167 28.0 16.0 24.0#

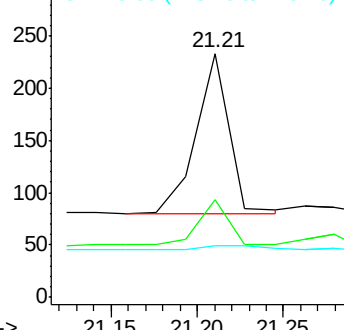
279 3.4 16.0 24.0#



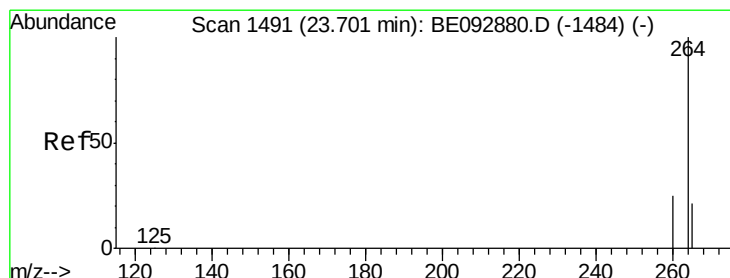
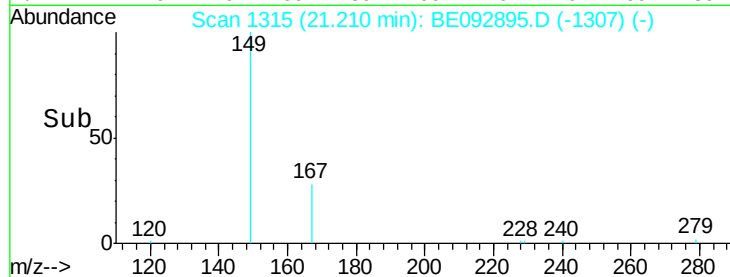
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#31

Perylene-d12

Concen: 5.00 ng

RT: 23.70 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE092895.D

Acq: 7 Apr 2017 15:08

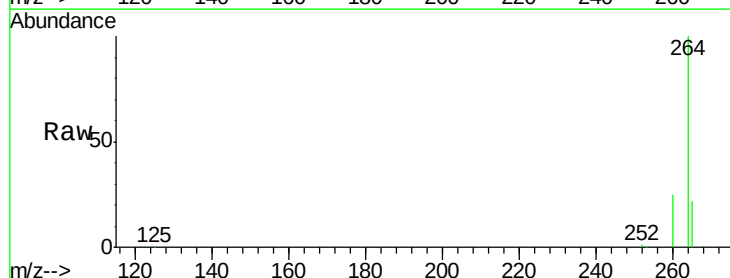
Tgt Ion:264 Resp: 33388

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

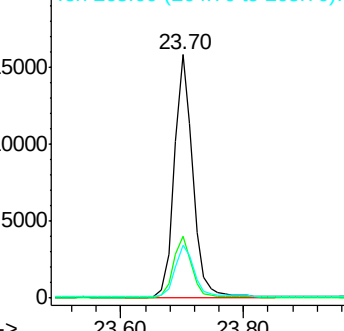
265 21.9 17.9 26.9



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



Time-->

