

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE031919\  
 Data File : BE099058.D  
 Acq On : 20 Mar 2019 5:50  
 Operator : JU/SJ  
 Sample : K1963-04  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-DUP03-20190314

Quant Time: Mar 20 10:29:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE030619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 15 05:31:33 2019  
 Response via : Initial Calibration

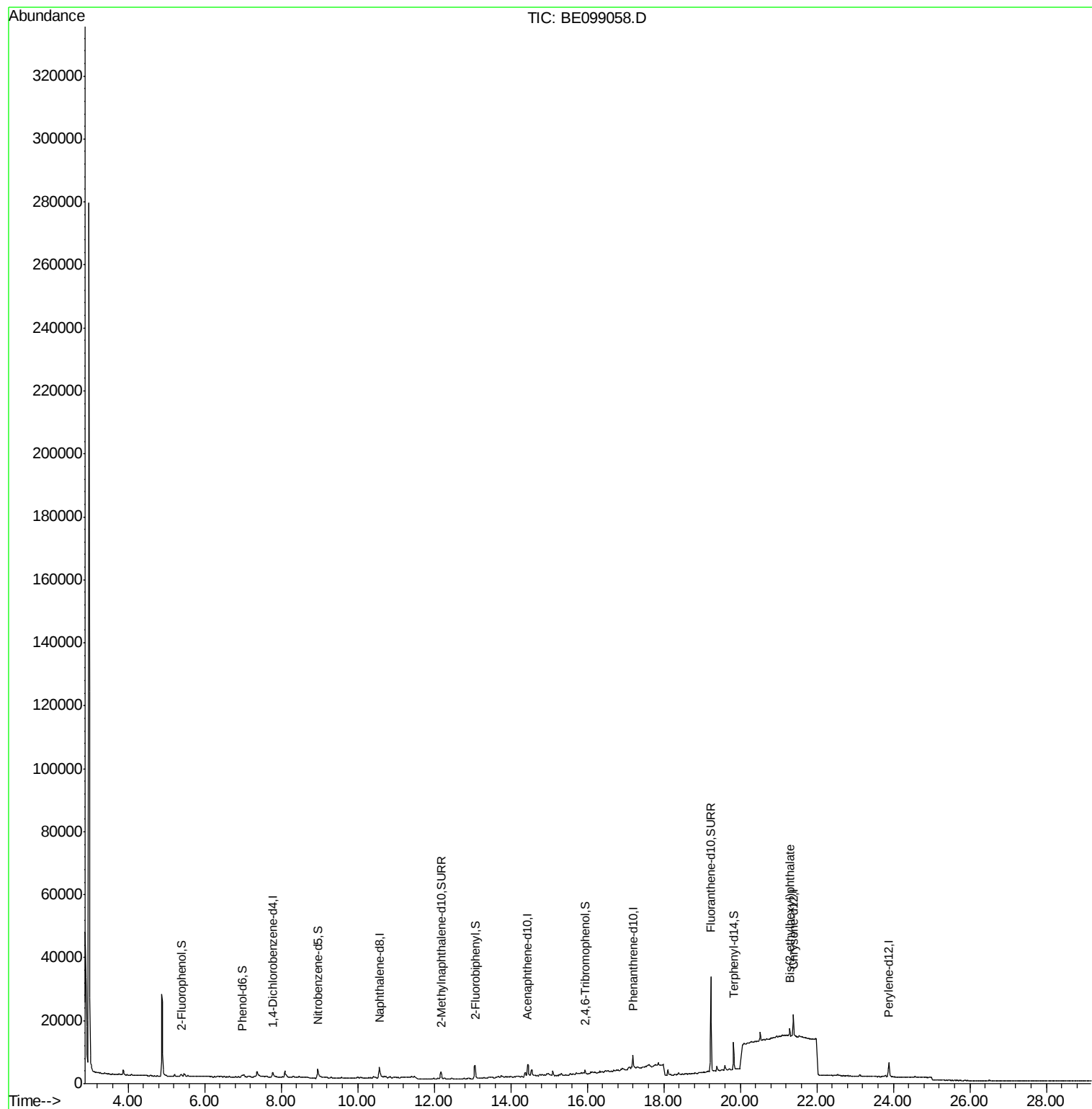
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.78  | 152  | 951      | 0.40  | ng    | 0.00           |
| 7) Naphthalene-d8              | 10.58 | 136  | 4086     | 0.40  | ng    | -0.01          |
| 13) Acenaphthene-d10           | 14.44 | 164  | 2766     | 0.40  | ng    | -0.02          |
| 19) Phenanthrene-d10           | 17.20 | 188  | 6524     | 0.40  | ng    | -0.01          |
| 27) Chrysene-d12               | 21.39 | 240  | 7327     | 0.40  | ng    | -0.01          |
| 34) Perylene-d12               | 23.88 | 264  | 7124     | 0.40  | ng    | -0.03          |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.39  | 112  | 573      | 0.20  | ng    | 0.00           |
| 5) Phenol-d6                   | 6.98  | 99   | 494      | 0.12  | ng    | 0.00           |
| 8) Nitrobenzene-d5             | 8.95  | 82   | 1753     | 0.41  | ng    | -0.01          |
| 11) 2-Methylnaphthalene-d10    | 12.18 | 152  | 3228     | 0.43  | ng    | -0.02          |
| 14) 2,4,6-Tribromophenol       | 15.94 | 330  | 819      | 0.59  | ng    | -0.03          |
| 15) 2-Fluorobiphenyl           | 13.07 | 172  | 5324     | 0.46  | ng    | -0.02          |
| 25) Fluoranthene-d10           | 19.23 | 212  | 39118    | 0.38  | ng    | -0.02          |
| 29) Terphenyl-d14              | 19.83 | 244  | 7479     | 0.42  | ng    | -0.02          |
| Target Compounds               |       |      |          |       |       |                |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 2949     | 0.061 | ng    | Qvalue<br># 90 |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE031919\  
Data File : BE099058.D  
Acq On : 20 Mar 2019 5:50  
Operator : JU/SJ  
Sample : K1963-04  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
BP-DUP03-20190314

Quant Time: Mar 20 10:29:47 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE030619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 15 05:31:33 2019  
Response via : Initial Calibration



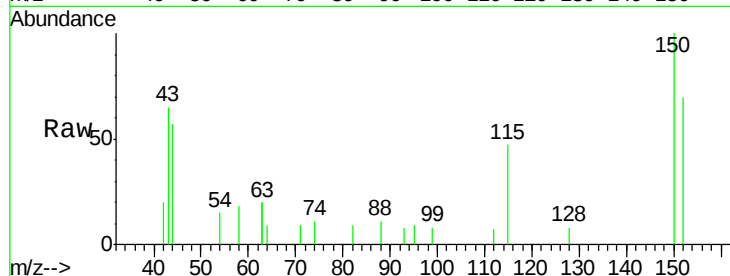


#1

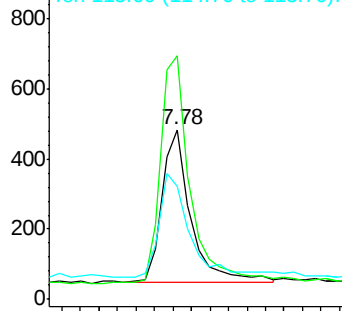
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.78 min Scan# 427  
Delta R.T. -0.01 min  
Lab File: BE099058.D  
Acq: 20 Mar 2019 5:50

Instrument :  
BNA\_E  
ClientSampleId :  
BP-DUP03-20190314

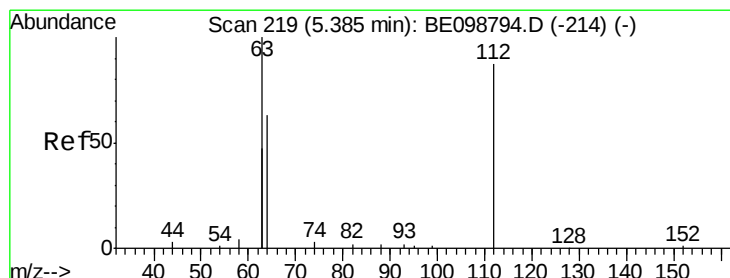
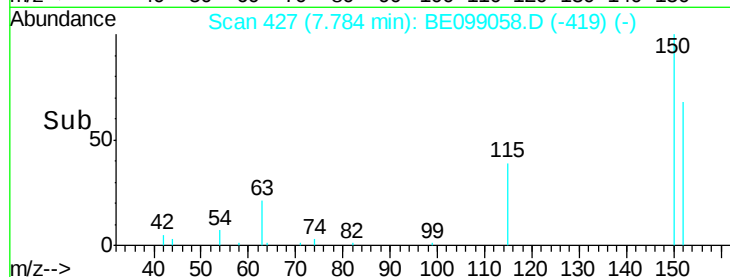
Tgt Ion:152 Resp: 951  
Ion Ratio Lower Upper  
152 100  
150 143.4 122.5 183.7  
115 66.9 57.4 86.2



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



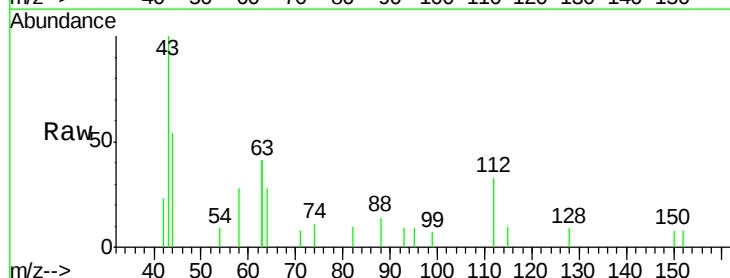
Time-->



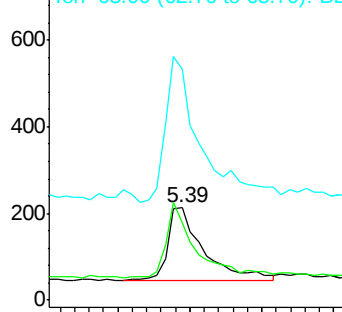
#4

2-Fluorophenol  
Concen: 0.202 ng  
RT: 5.39 min Scan# 219  
Delta R.T. 0.00 min  
Lab File: BE099058.D  
Acq: 20 Mar 2019 5:50

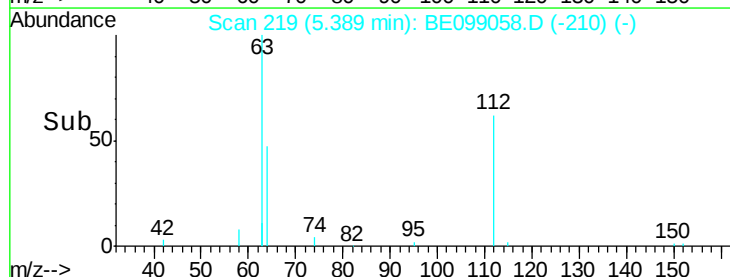
Tgt Ion:112 Resp: 573  
Ion Ratio Lower Upper  
112 100  
64 91.1 57.9 86.9#  
63 204.7 158.3 237.5

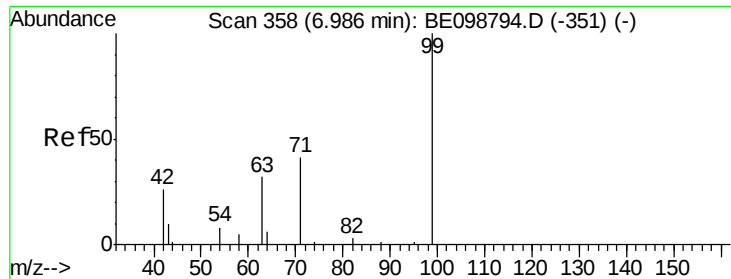


Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE0  
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.123 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

Instrument :

BNA\_E

ClientSampleId :

BP-DUP03-20190314

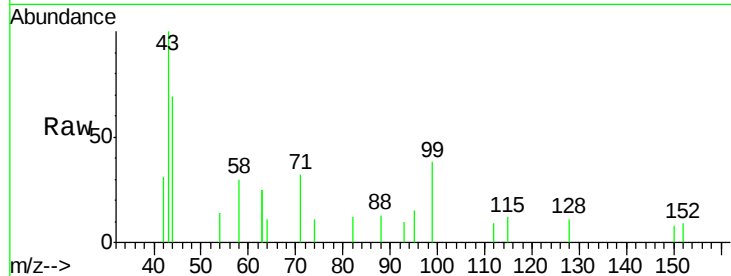
Tgt Ion: 99 Resp: 494

Ion Ratio Lower Upper

99 100

42 58.3 24.2 36.2#

71 50.0 35.7 53.5

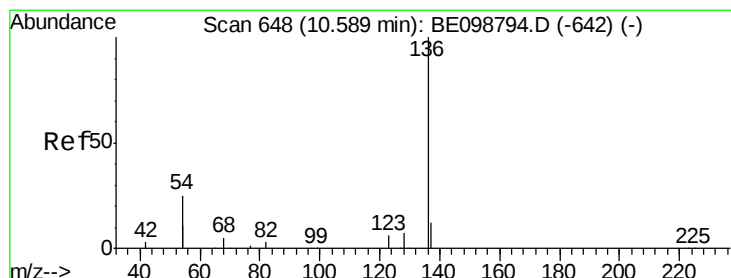
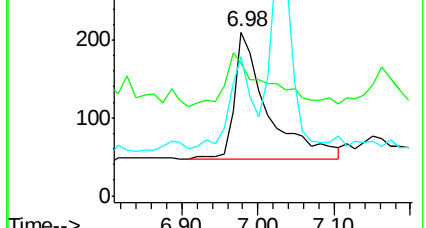
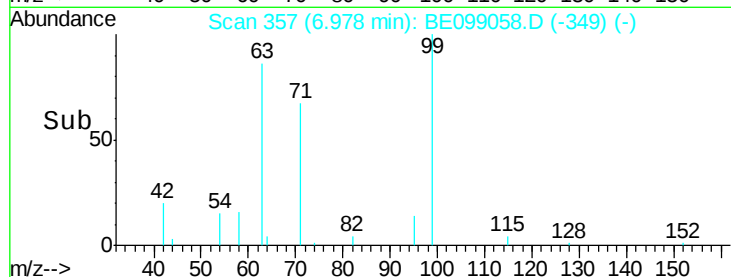


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

Tgt Ion: 136 Resp: 4086

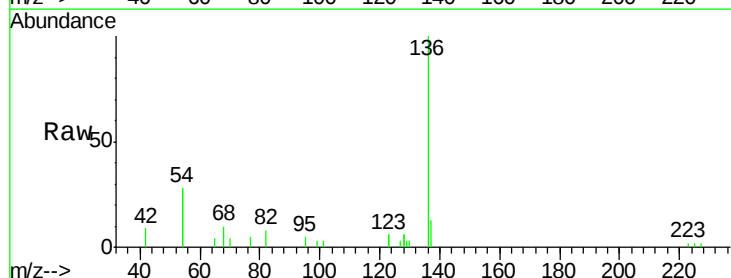
Ion Ratio Lower Upper

136 100

137 12.9 11.4 17.0

54 55.3 39.3 58.9

68 9.6 6.7 10.1



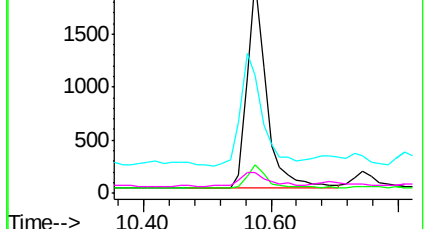
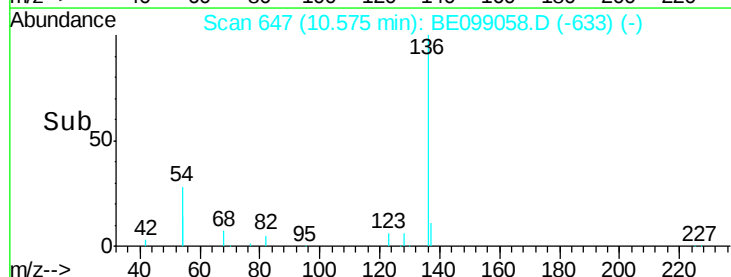
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->

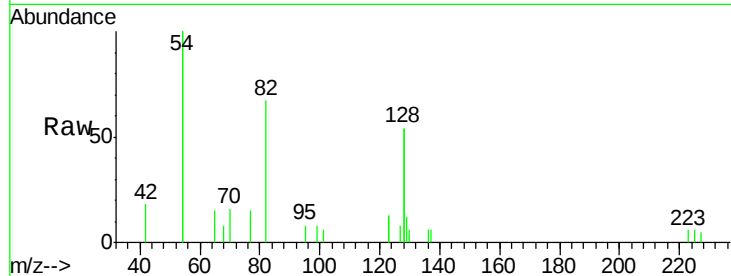




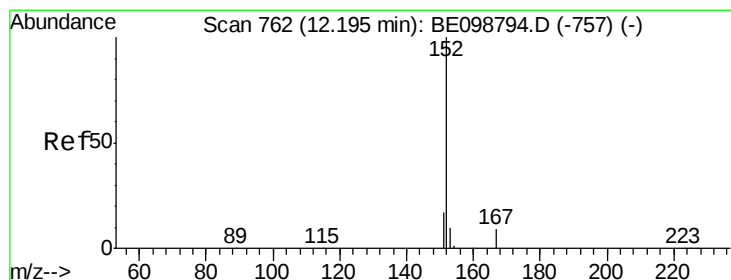
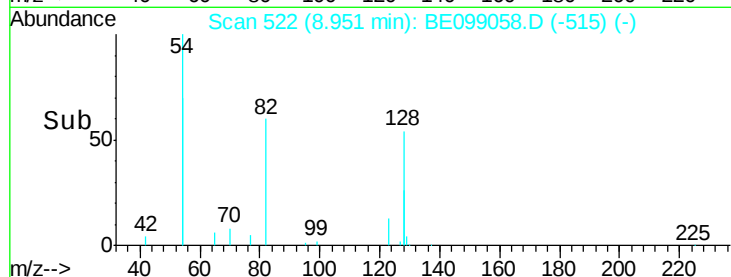
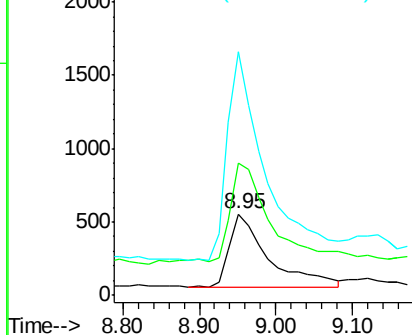
#8  
 Nitrobenzene-d5  
 Concen: 0.409 ng  
 RT: 8.95 min Scan# 522  
 Delta R.T. -0.01 min  
 Lab File: BE099058.D  
 Acq: 20 Mar 2019 5:50

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-DUP03-20190314

Tgt Ion: 82 Resp: 1753  
 Ion Ratio Lower Upper  
 82 100  
 128 162.8 123.8 185.8  
 54 299.6 203.4 305.2

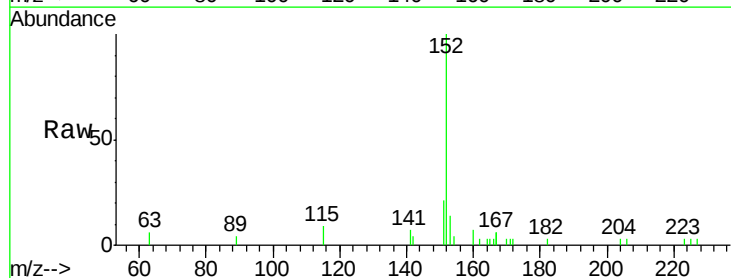


Abundance Ion 82.00 (81.70 to 82.70): BE0  
 Ion 128.00 (127.70 to 128.70): BE0  
 Ion 54.00 (53.70 to 54.70): BE0

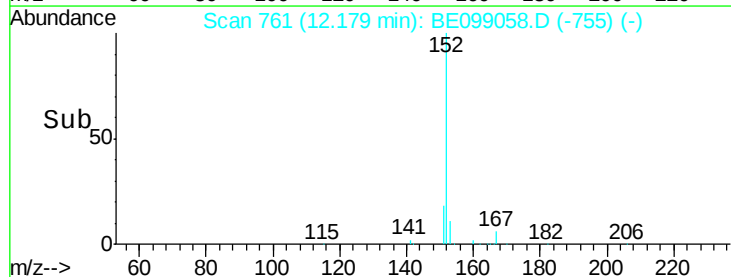
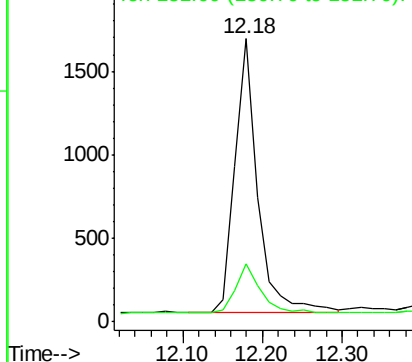


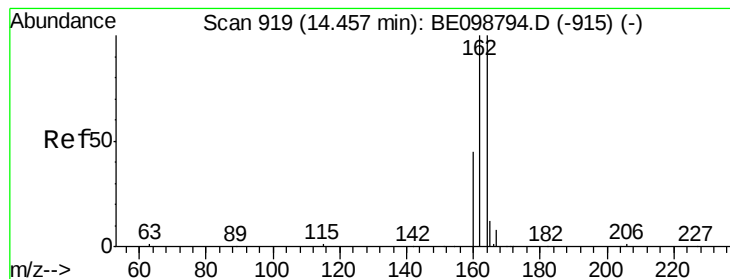
#11  
 2-Methylnaphthalene-d10  
 Concen: 0.427 ng  
 RT: 12.18 min Scan# 761  
 Delta R.T. -0.02 min  
 Lab File: BE099058.D  
 Acq: 20 Mar 2019 5:50

Tgt Ion: 152 Resp: 3228  
 Ion Ratio Lower Upper  
 152 100  
 151 19.0 16.5 24.7



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: 14.44 min Scan# 918

Delta R.T. -0.02 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

Instrument :

BNA\_E

ClientSampleId :

BP-DUP03-20190314

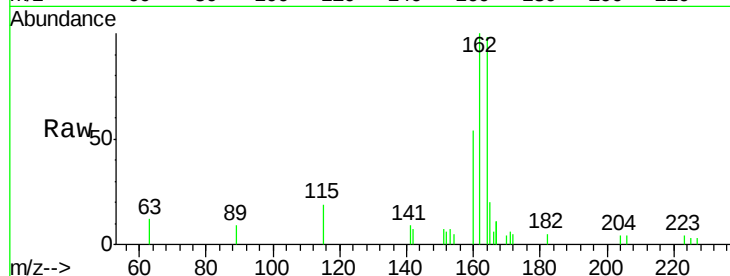
Tgt Ion:164 Resp: 2766

Ion Ratio Lower Upper

164 100

162 102.4 80.2 120.2

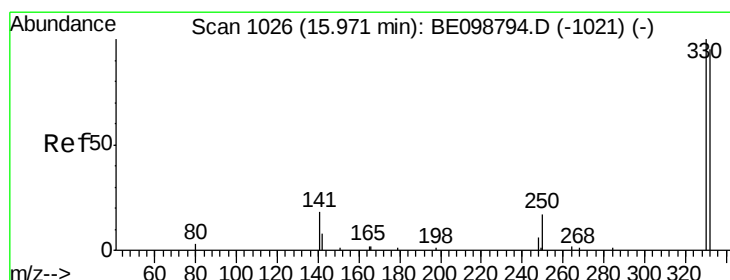
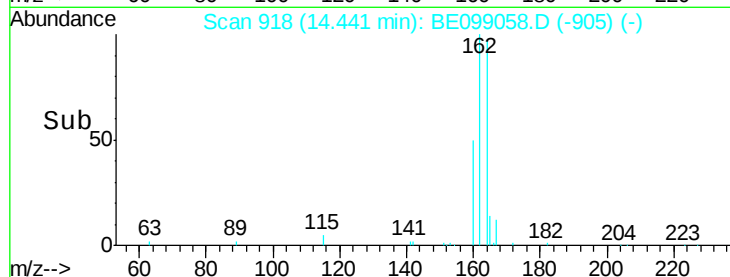
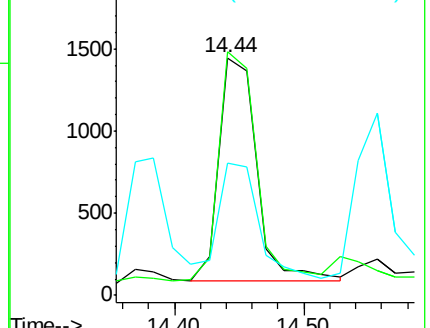
160 55.6 37.8 56.8



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: 0.587 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

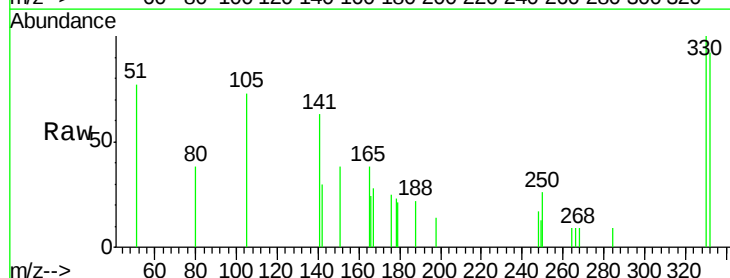
Tgt Ion:330 Resp: 819

Ion Ratio Lower Upper

330 100

332 90.8 77.6 116.4

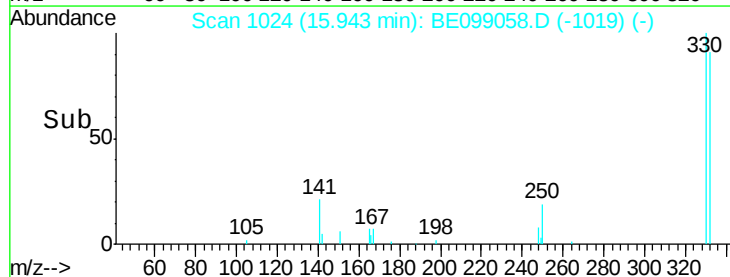
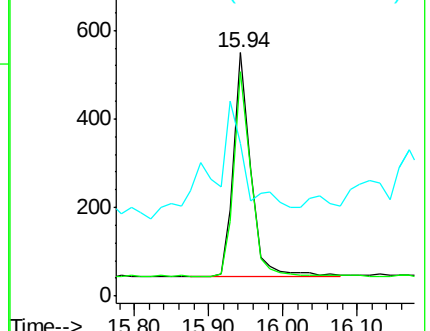
141 68.9 31.0 46.4#

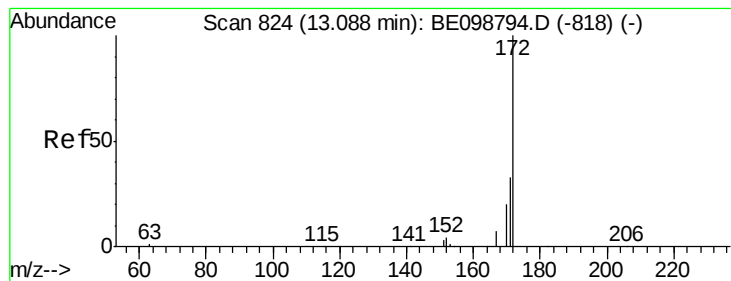


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

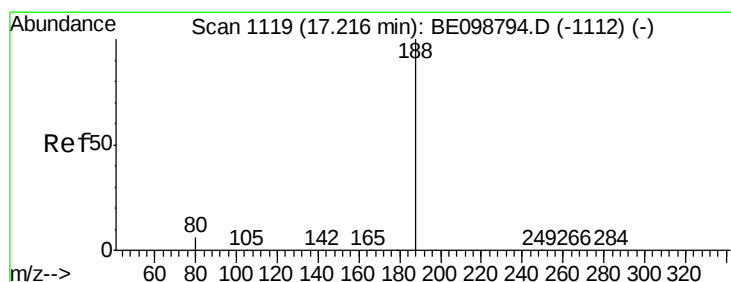
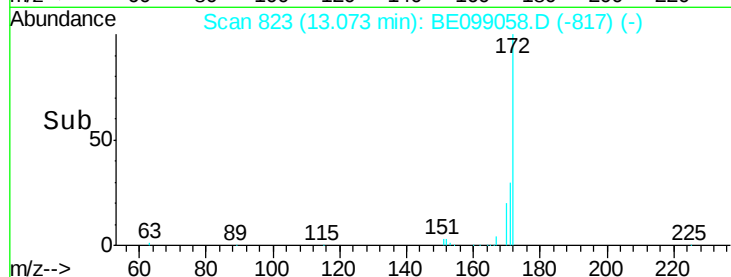
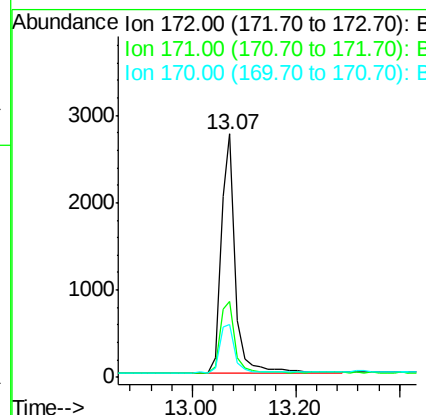
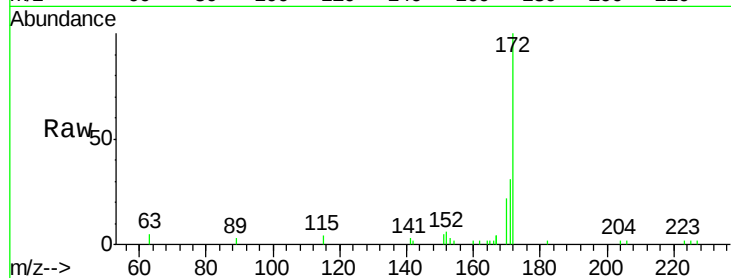




#15  
2-Fluorobiphenyl  
Concen: 0.465 ng  
RT: 13.07 min Scan# 823  
Delta R.T. -0.02 min  
Lab File: BE099058.D  
Acq: 20 Mar 2019 5:50

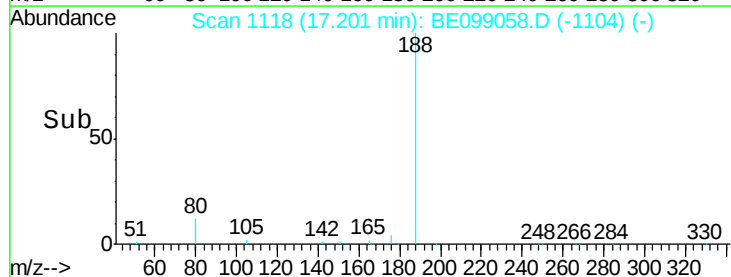
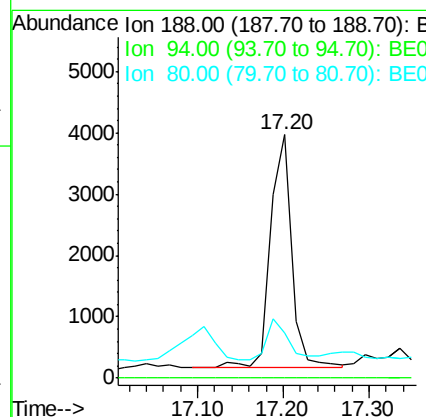
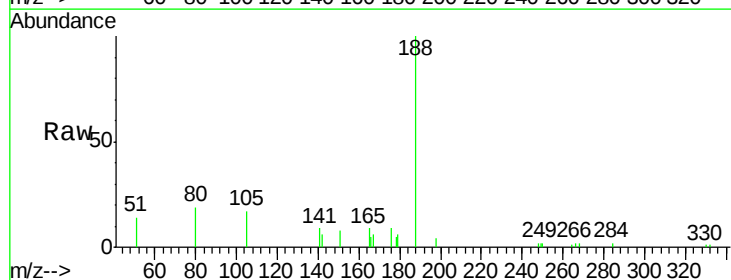
Instrument :  
BNA\_E  
ClientSampleId :  
BP-DUP03-20190314

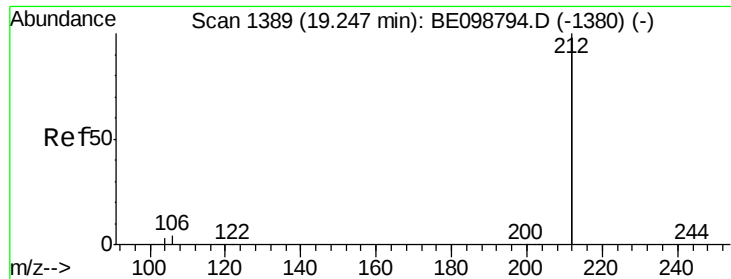
Tgt Ion:172 Resp: 5324  
Ion Ratio Lower Upper  
172 100  
171 31.3 28.0 42.0  
170 21.5 17.7 26.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.20 min Scan# 1118  
Delta R.T. -0.01 min  
Lab File: BE099058.D  
Acq: 20 Mar 2019 5:50

Tgt Ion:188 Resp: 6524  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 18.7 6.3 9.5#





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

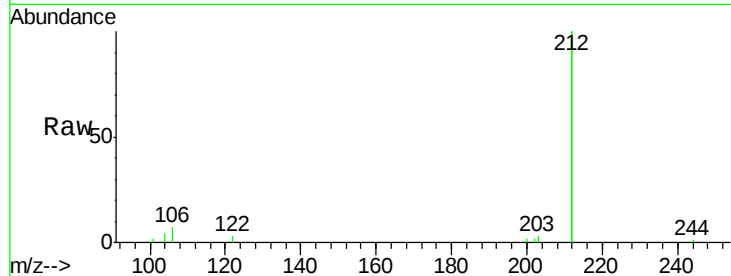
Instrument :

BNA\_E

ClientSampleId :

BP-DUP03-20190314

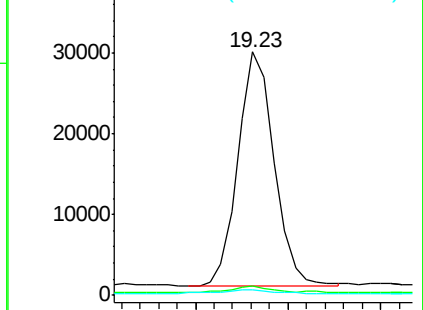
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 39118 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 2.7   | 1.8   | 2.8   |
| 104       | 1.9   | 1.0   | 1.6#  |



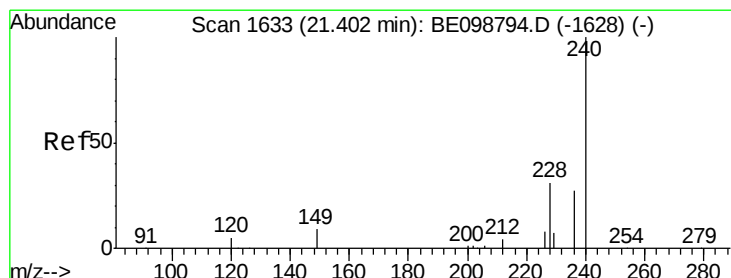
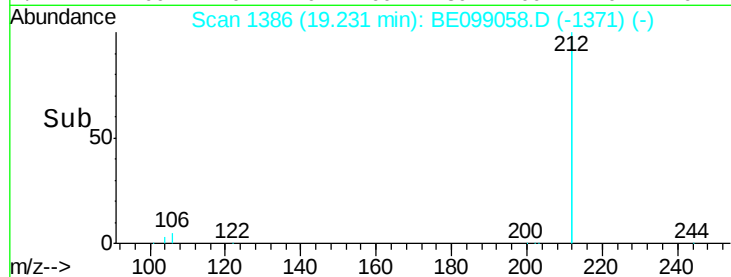
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

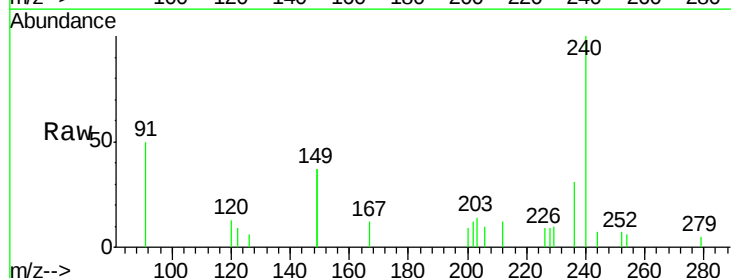
RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

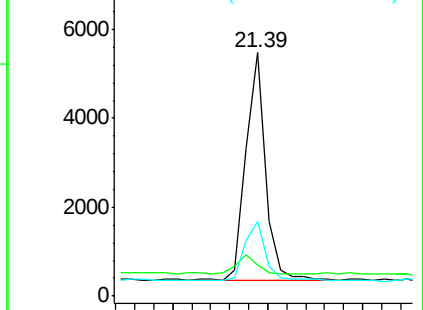
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 240   | Resp: | 7327 |
| Ion Ratio | Lower | Upper |      |
| 240       | 100   |       |      |
| 120       | 12.7  | 5.0   | 7.4# |
| 236       | 30.7  | 22.7  | 34.1 |



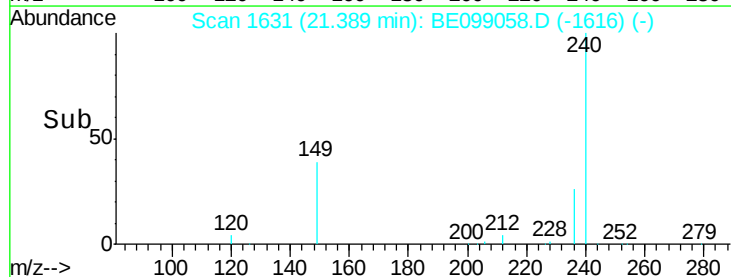
Abundance Ion 240.00 (239.70 to 240.70): E

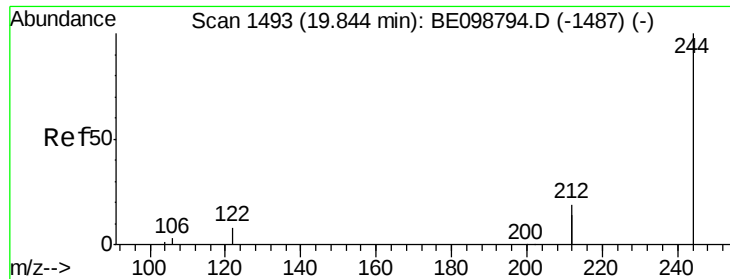
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

Instrument :

BNA\_E

ClientSampleId :

BP-DUP03-20190314

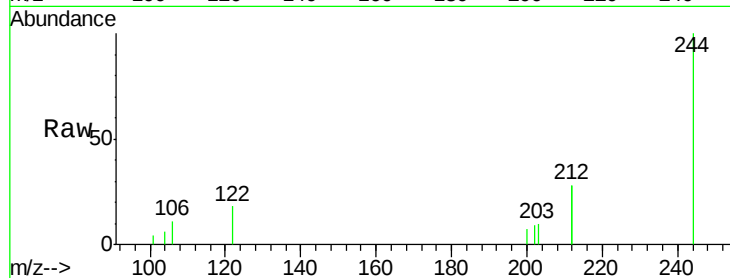
Tgt Ion:244 Resp: 7479

Ion Ratio Lower Upper

244 100

212 57.0 29.4 44.2#

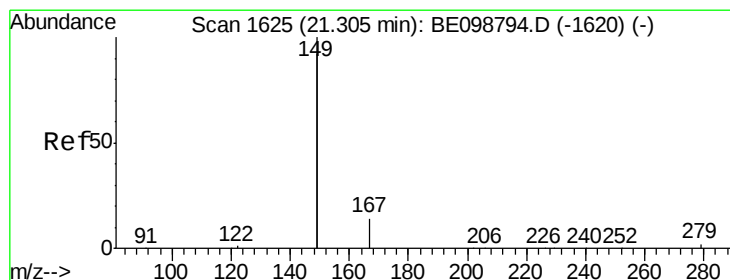
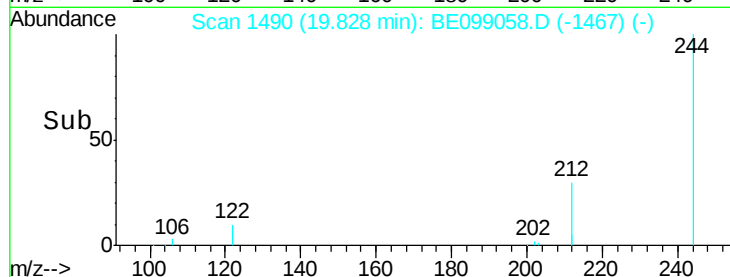
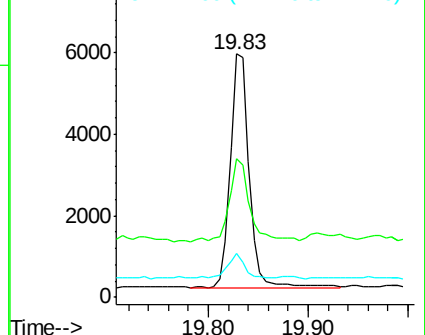
122 17.8 7.1 10.7#



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: 0.061 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

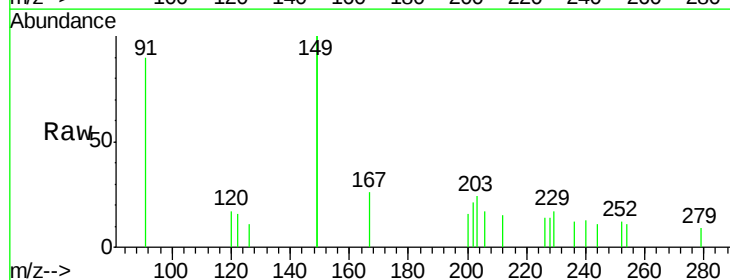
Tgt Ion:149 Resp: 2949

Ion Ratio Lower Upper

149 100

167 10.5 5.4 8.0#

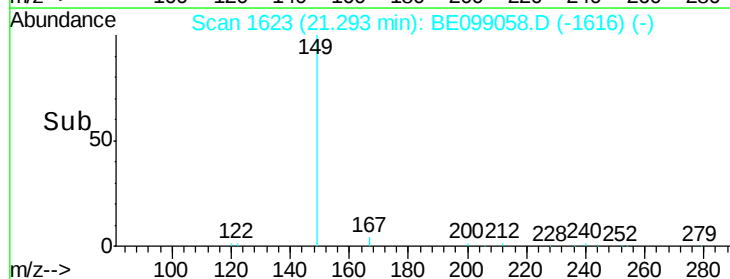
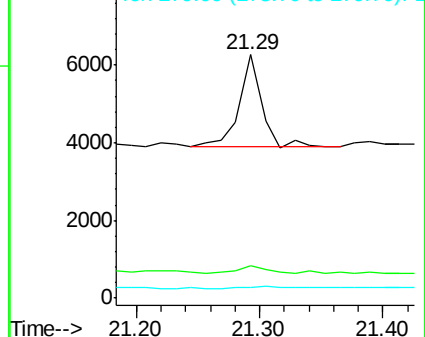
279 2.8 1.0 1.4#

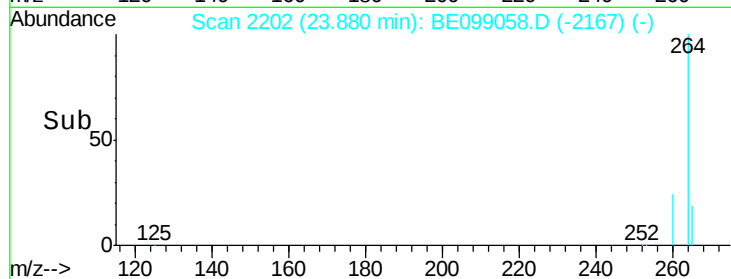
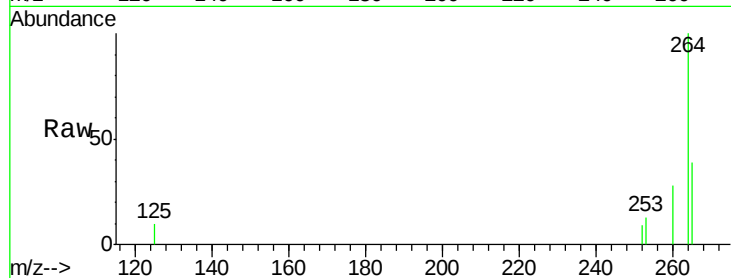


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.88 min Scan# 2202

Delta R.T. -0.03 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

Instrument :

BNA\_E

ClientSampleId :

BP-DUP03-20190314

Tgt Ion: 264 Resp: 7124

Ion Ratio Lower Upper

264 100

260 28.5 21.2 31.8

265 38.8 24.6 36.8

