

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051619\  
 Data File : BE099622.D  
 Acq On : 16 May 2019 14:10  
 Operator : JU/SJ  
 Sample : PB119274BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB119274BL

Quant Time: May 17 07:14:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 14 19:30:50 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.83  | 152  | 1933     | 0.40 | ng    | 0.01     |
| 7) Naphthalene-d8           | 10.64 | 136  | 6369     | 0.40 | ng    | 0.03     |
| 13) Acenaphthene-d10        | 14.50 | 164  | 4235     | 0.40 | ng    | 0.02     |
| 19) Phenanthrene-d10        | 17.24 | 188  | 13020    | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12            | 21.43 | 240  | 16549    | 0.40 | ng    | 0.01     |
| 34) Perylene-d12            | 23.97 | 264  | 20559    | 0.40 | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.39  | 112  | 1588     | 0.29 | ng    | 0.01     |
| 5) Phenol-d6                | 6.99  | 99   | 2100     | 0.30 | ng    | 0.01     |
| 8) Nitrobenzene-d5          | 8.99  | 82   | 1457     | 0.24 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152  | 3280     | 0.31 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol    | 16.01 | 330  | 429      | 0.15 | ng    | 0.03     |
| 15) 2-Fluorobiphenyl        | 13.12 | 172  | 5032     | 0.31 | ng    | 0.02     |
| 25) Fluoranthene-d10        | 19.28 | 212  | 53492    | 0.31 | ng    | 0.01     |
| 29) Terphenyl-d14           | 19.87 | 244  | 10890    | 0.37 | ng    | 0.01     |

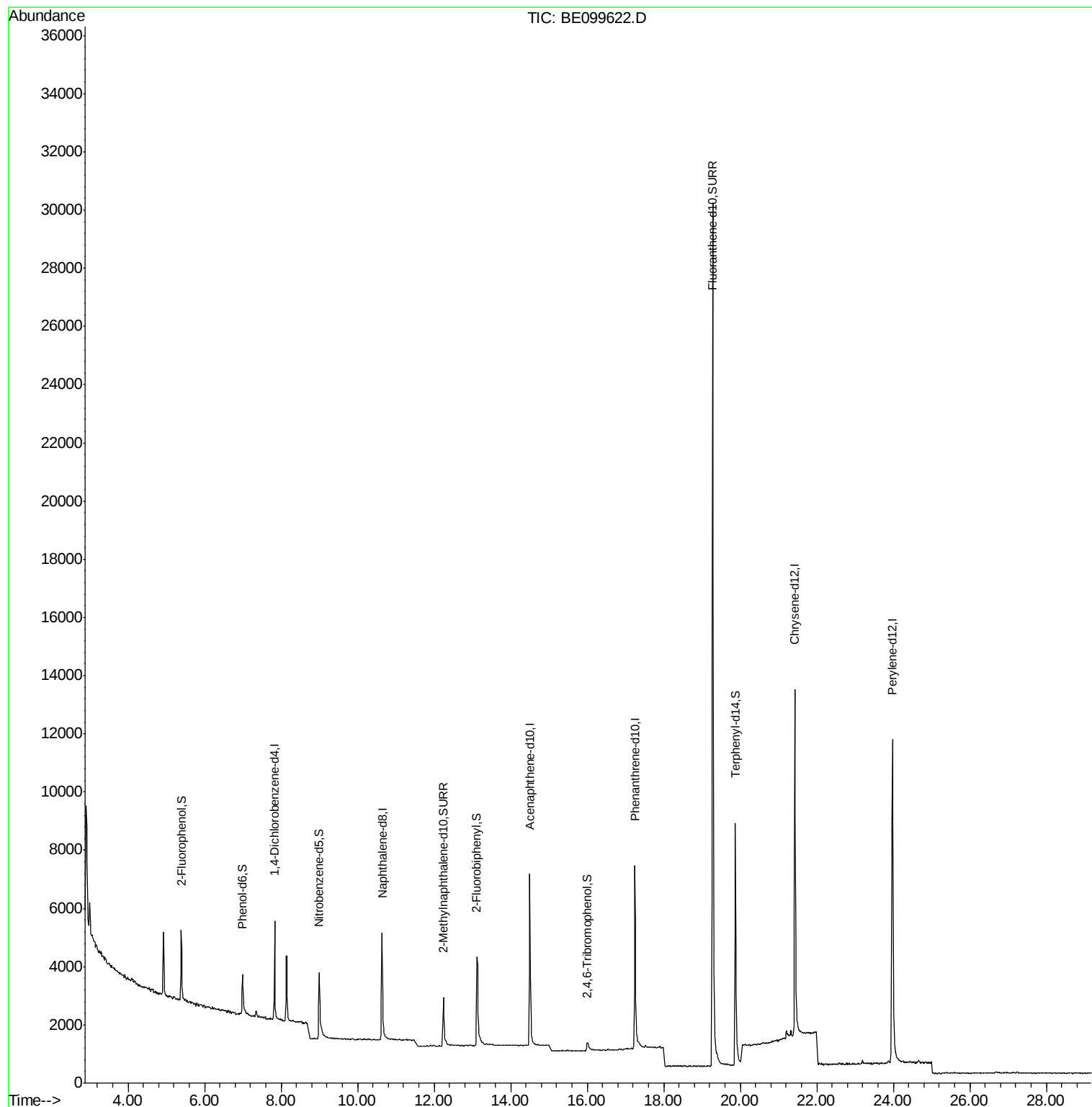
Target Compounds Qvalue

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

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QLast Update : Tue May 14 19:30:50 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

Instrument :

BNA\_E

ClientSampleId :

PB119274BL

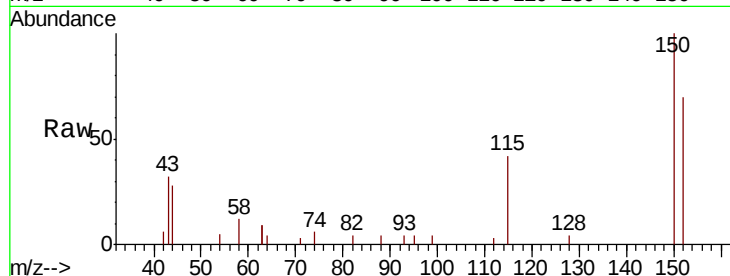
Tot Ion:152 Resp: 1933

Ion Ratio Lower Upper

152 100

150 142.2 110.1 165.1

115 59.0 46.2 69.4

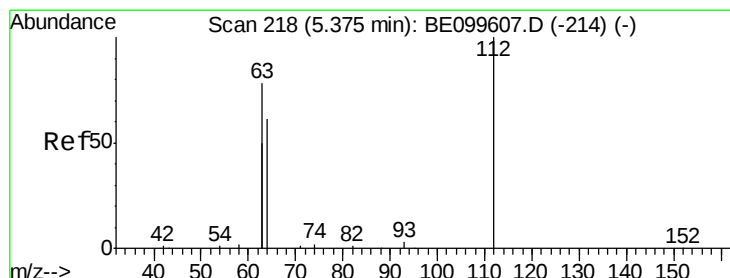
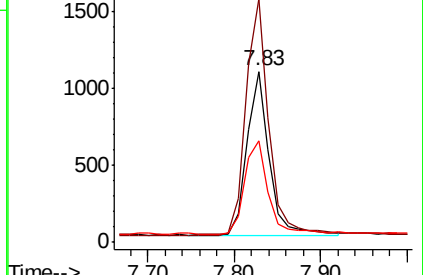
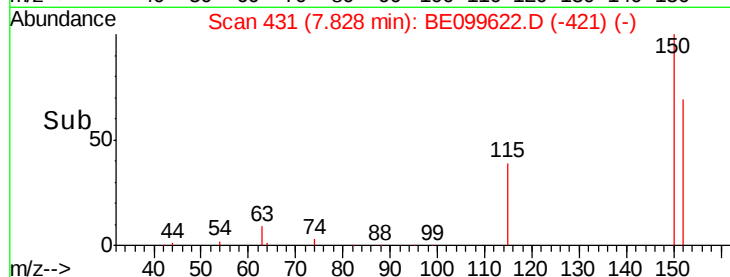


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.83



#4

2-Fluorophenol

Concen: 0.289 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

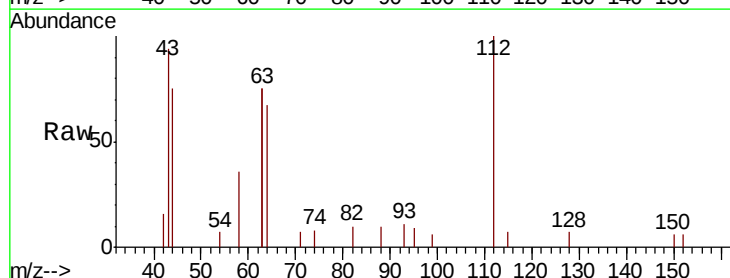
Tgt Ion:112 Resp: 1588

Ion Ratio Lower Upper

112 100

64 56.5 43.7 65.5

63 120.3 94.0 141.0

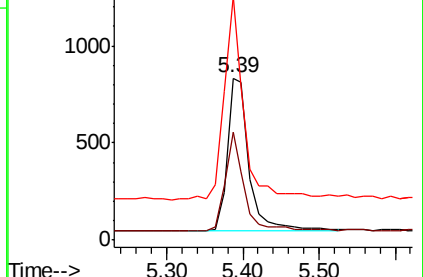
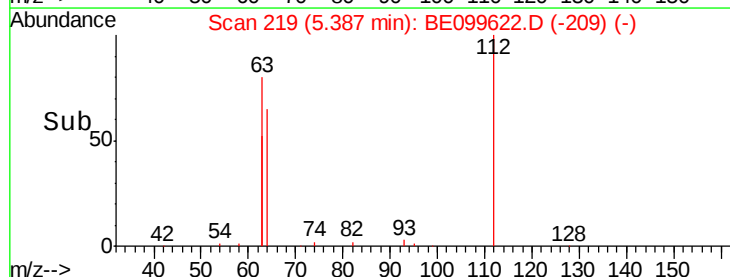


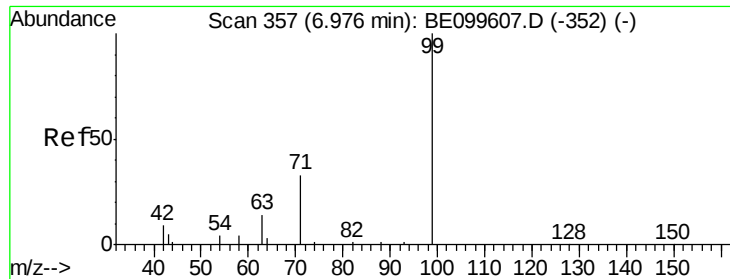
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.39





#5

Phenol-d6

Concen: 0.302 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

Instrument :

BNA\_E

ClientSampled :

PB119274BL

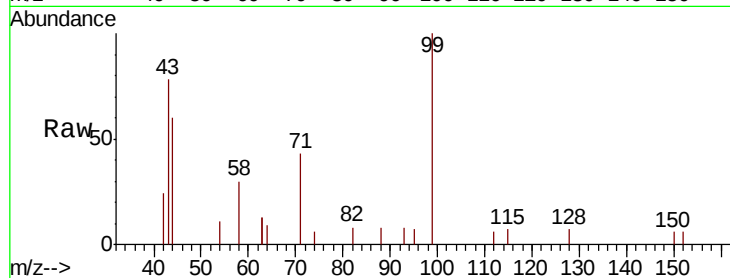
Tot Ion: 99 Resp: 2100

Ion Ratio Lower Upper

99 100

42 10.5 14.3 21.5#

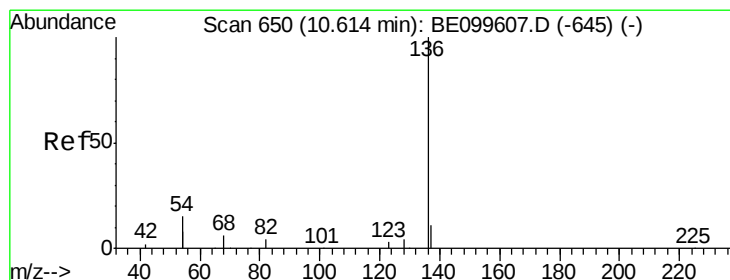
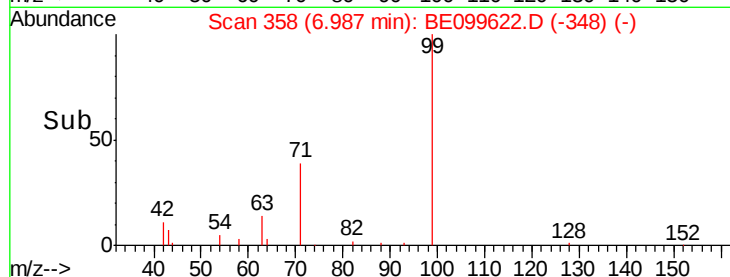
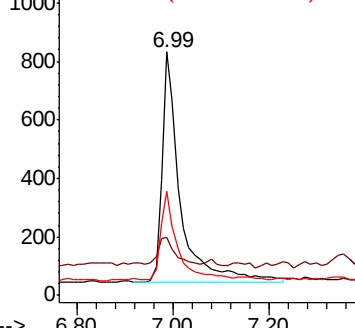
71 35.0 33.1 49.7



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: 10.64 min Scan# 652

Delta R.T. 0.03 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

Tgt Ion: 136 Resp: 6369

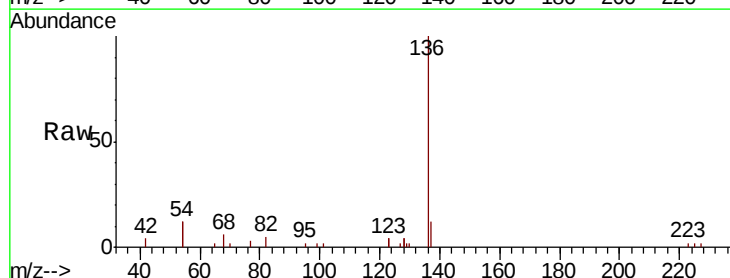
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 23.9 23.8 35.8

68 5.8 6.2 9.2#

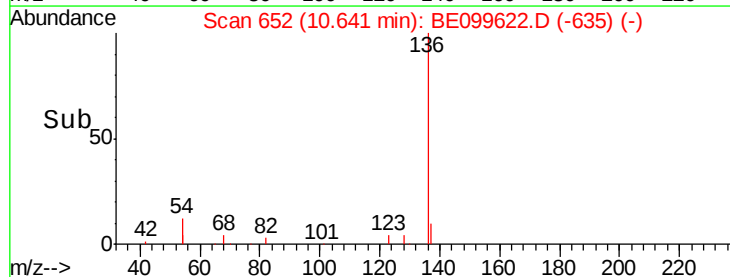
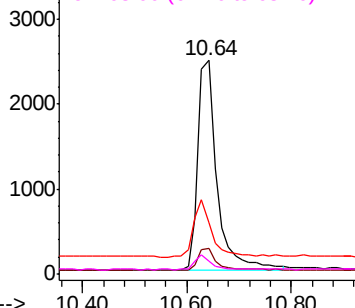


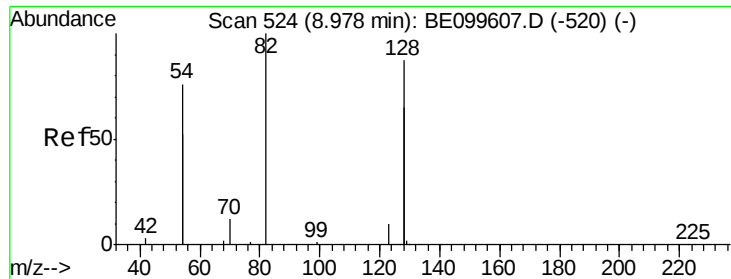
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.236 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

Instrument :

BNA\_E

ClientSampleId :

PB119274BL

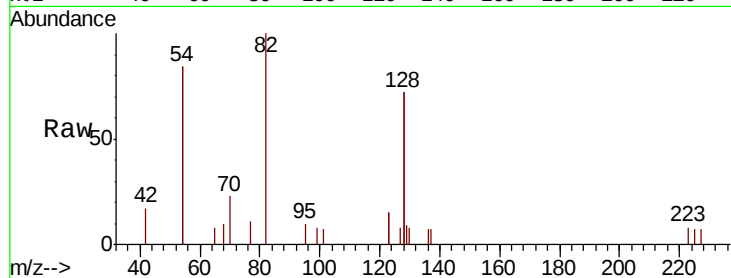
Tot Ion: 82 Resp: 1457

Ion Ratio Lower Upper

82 100

128 143.3 131.4 197.2

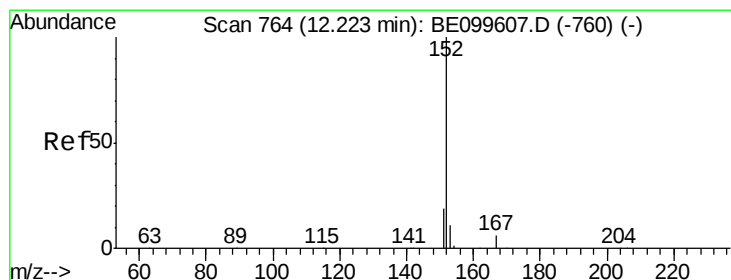
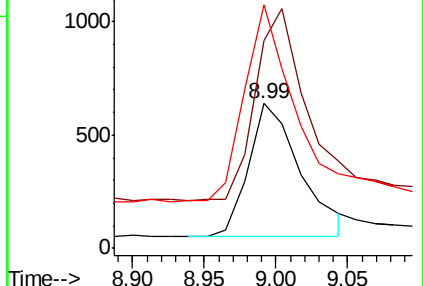
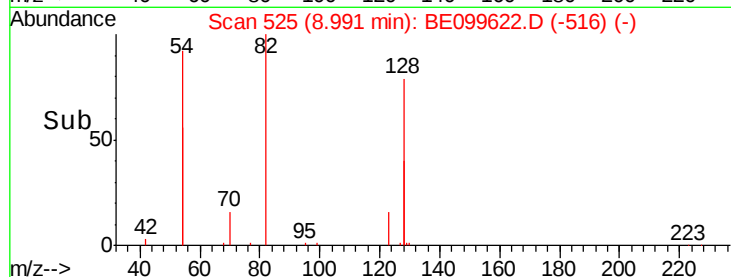
54 168.1 113.9 170.9



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.02 min

Lab File: BE099622.D

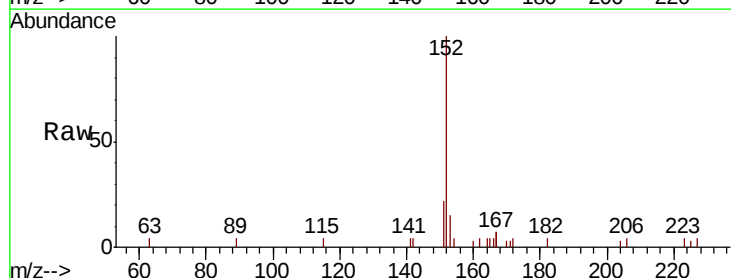
Acq: 16 May 2019 14:10

Tgt Ion: 152 Resp: 3280

Ion Ratio Lower Upper

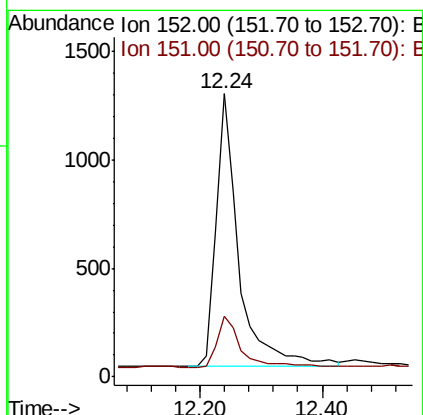
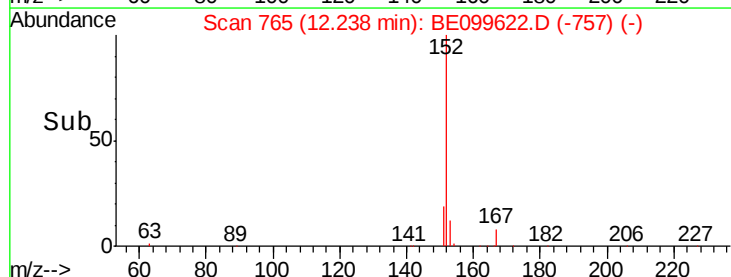
152 100

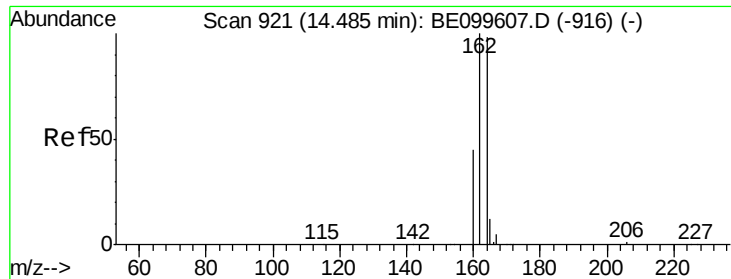
151 19.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

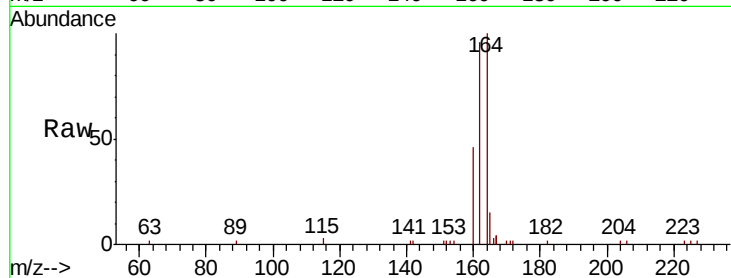




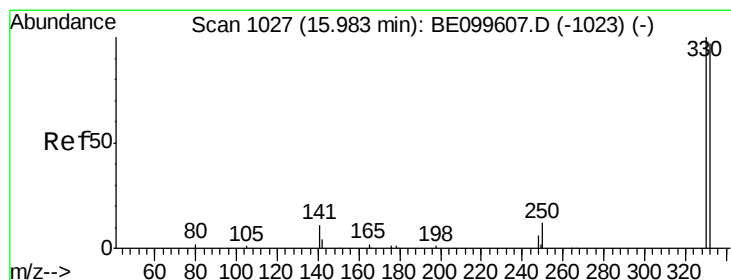
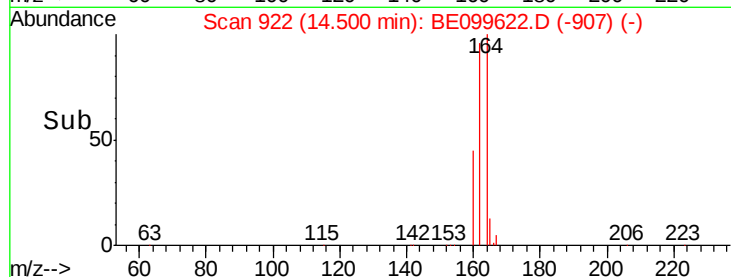
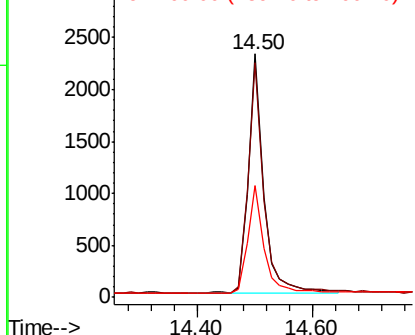
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.50 min Scan# 922  
Delta R.T. 0.02 min  
Lab File: BE099622.D  
Acq: 16 May 2019 14:10

Instrument :  
BNA\_E  
ClientSampleId :  
PB119274BL

Tot Ion:164 Resp: 4235  
Ion Ratio Lower Upper  
164 100  
162 96.3 81.4 122.0  
160 45.7 37.4 56.2

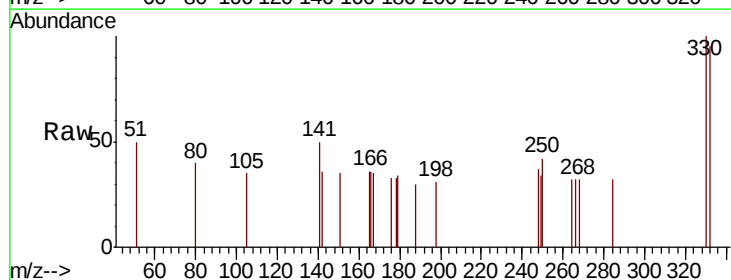


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

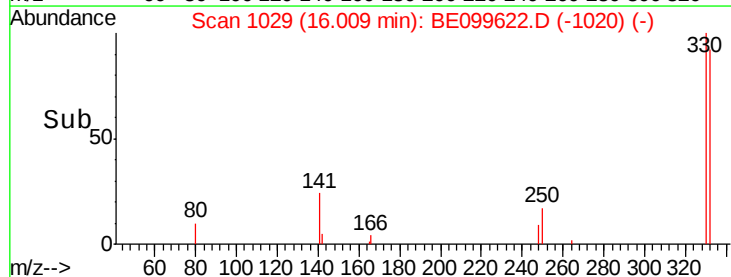
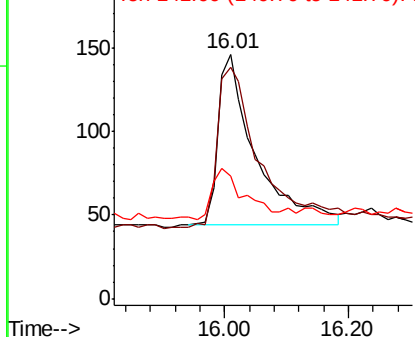


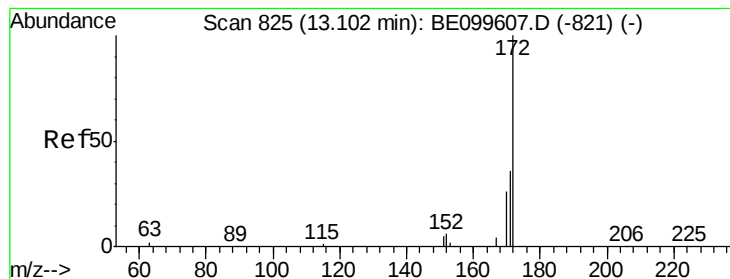
#14  
2,4,6-Tribromophenol  
Concen: 0.148 ng  
RT: 16.01 min Scan# 1029  
Delta R.T. 0.03 min  
Lab File: BE099622.D  
Acq: 16 May 2019 14:10

Tgt Ion:330 Resp: 429  
Ion Ratio Lower Upper  
330 100  
332 110.7 73.8 110.8  
141 26.8 21.0 31.6



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: 0.309 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.02 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

Instrument :

BNA\_E

ClientSampleId :

PB119274BL

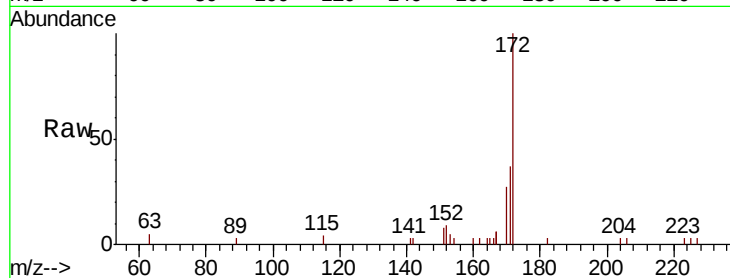
Tot Ion:172 Resp: 5032

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.2

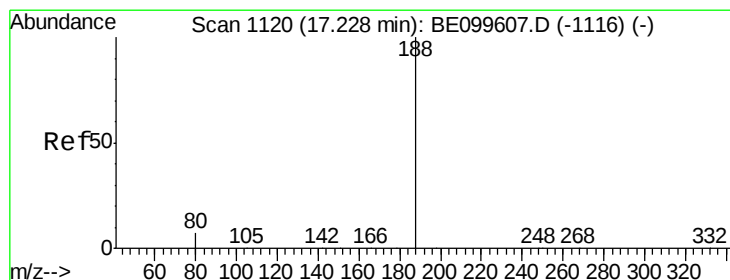
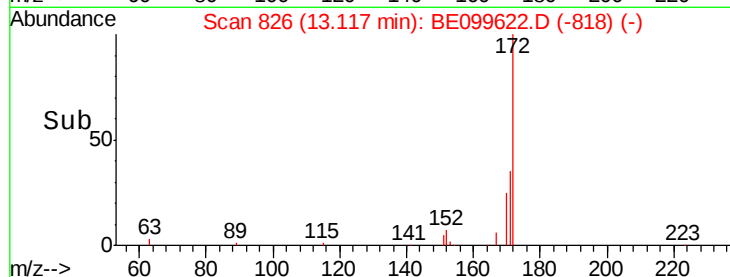
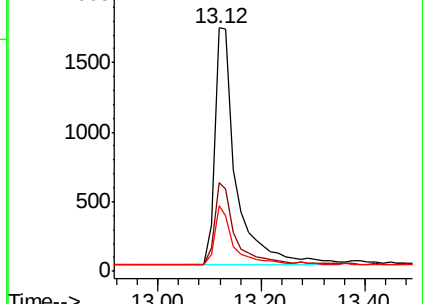
170 27.1 21.5 32.3



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: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

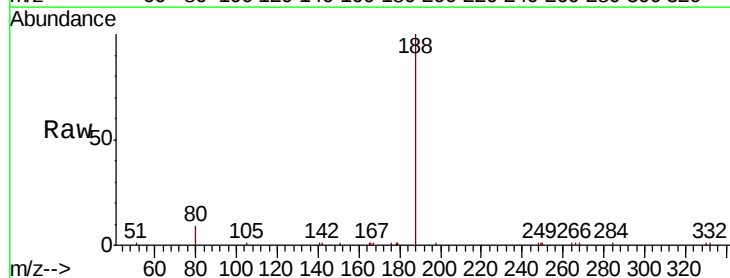
Tgt Ion:188 Resp: 13020

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

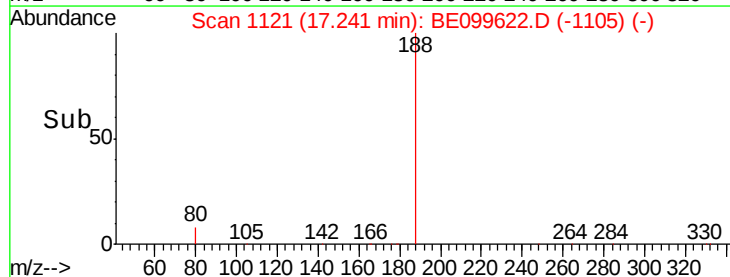
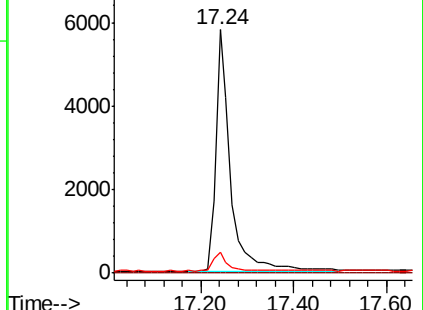
80 8.7 6.4 9.6

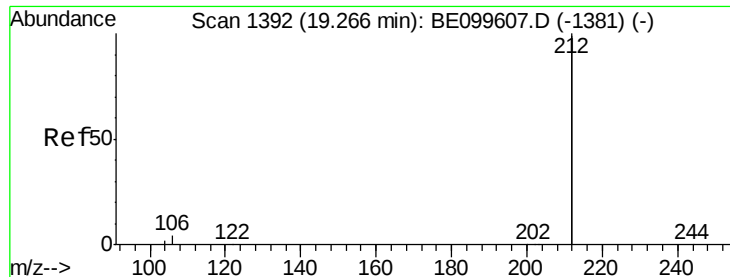


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.309 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

Instrument :

BNA\_E

ClientSampleId :

PB119274BL

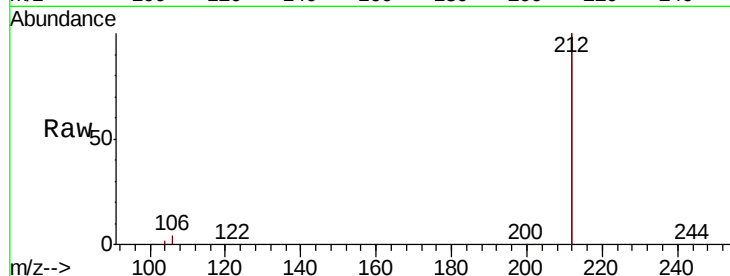
Tot Ion:212 Resp: 53492

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

104 1.1 0.9 1.3

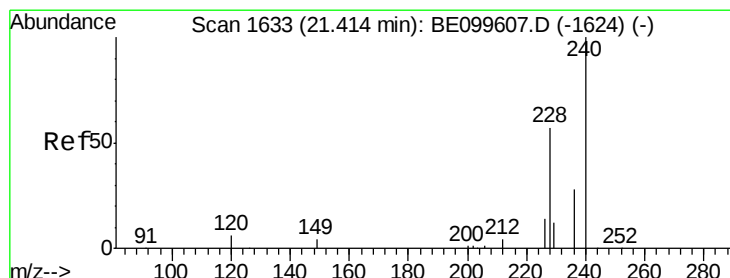
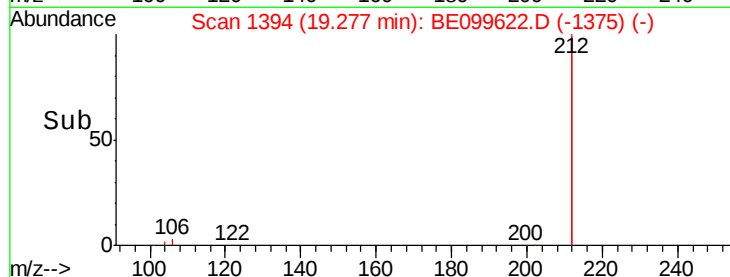
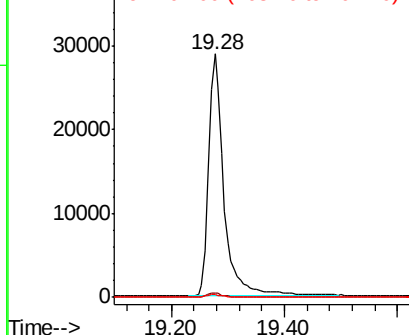


Abundance

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# 1635

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

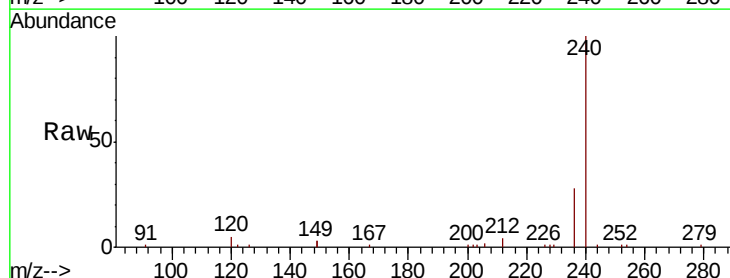
Tgt Ion:240 Resp: 16549

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

236 27.5 22.8 34.2

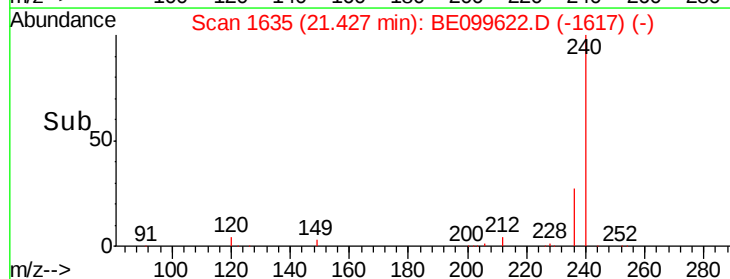
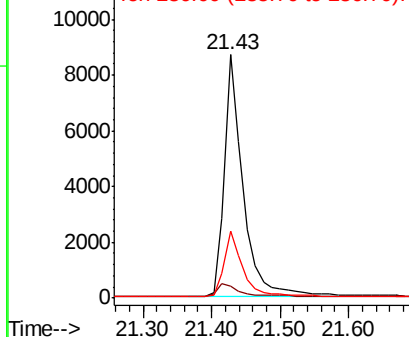


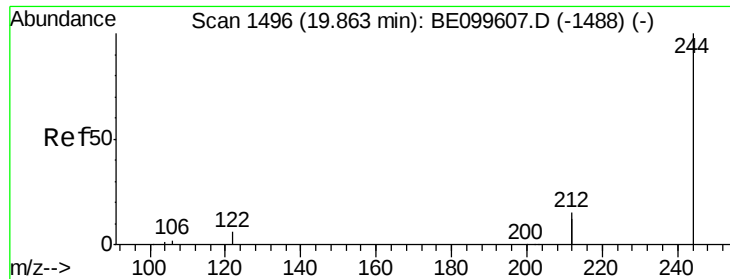
Abundance

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: 0.366 ng

RT: 19.87 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

Instrument :

BNA\_E

ClientSampleId :

PB119274BL

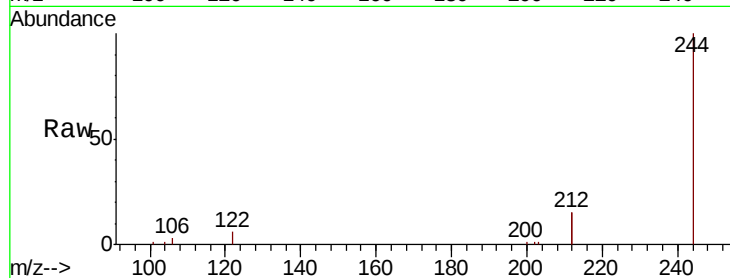
Tot Ion:244 Resp: 10890

Ion Ratio Lower Upper

244 100

212 31.0 23.8 35.6

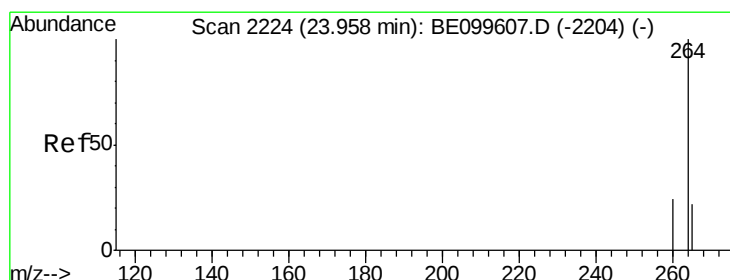
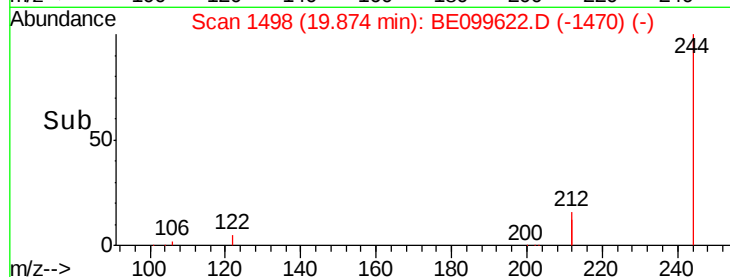
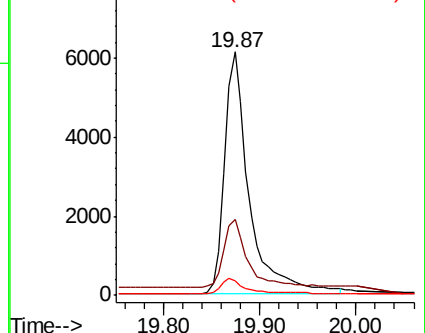
122 6.2 5.0 7.6



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2229

Delta R.T. 0.02 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

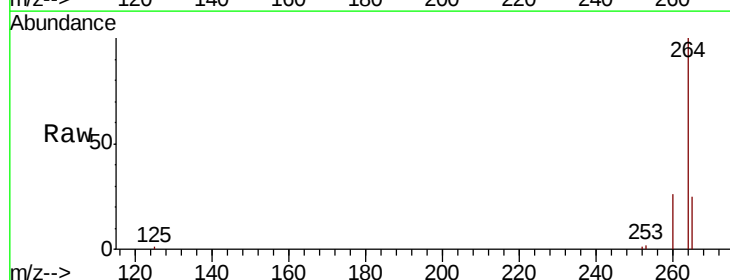
Tgt Ion:264 Resp: 20559

Ion Ratio Lower Upper

264 100

260 25.7 19.7 29.5

265 25.1 21.2 31.8



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

