

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE040419\  
 Data File : BE099297.D  
 Acq On : 4 Apr 2019 19:29  
 Operator : JU/SJ  
 Sample : K2210-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 WE-2

Quant Time: Apr 05 04:40:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE040219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 02 17:16:42 2019  
 Response via : Initial Calibration

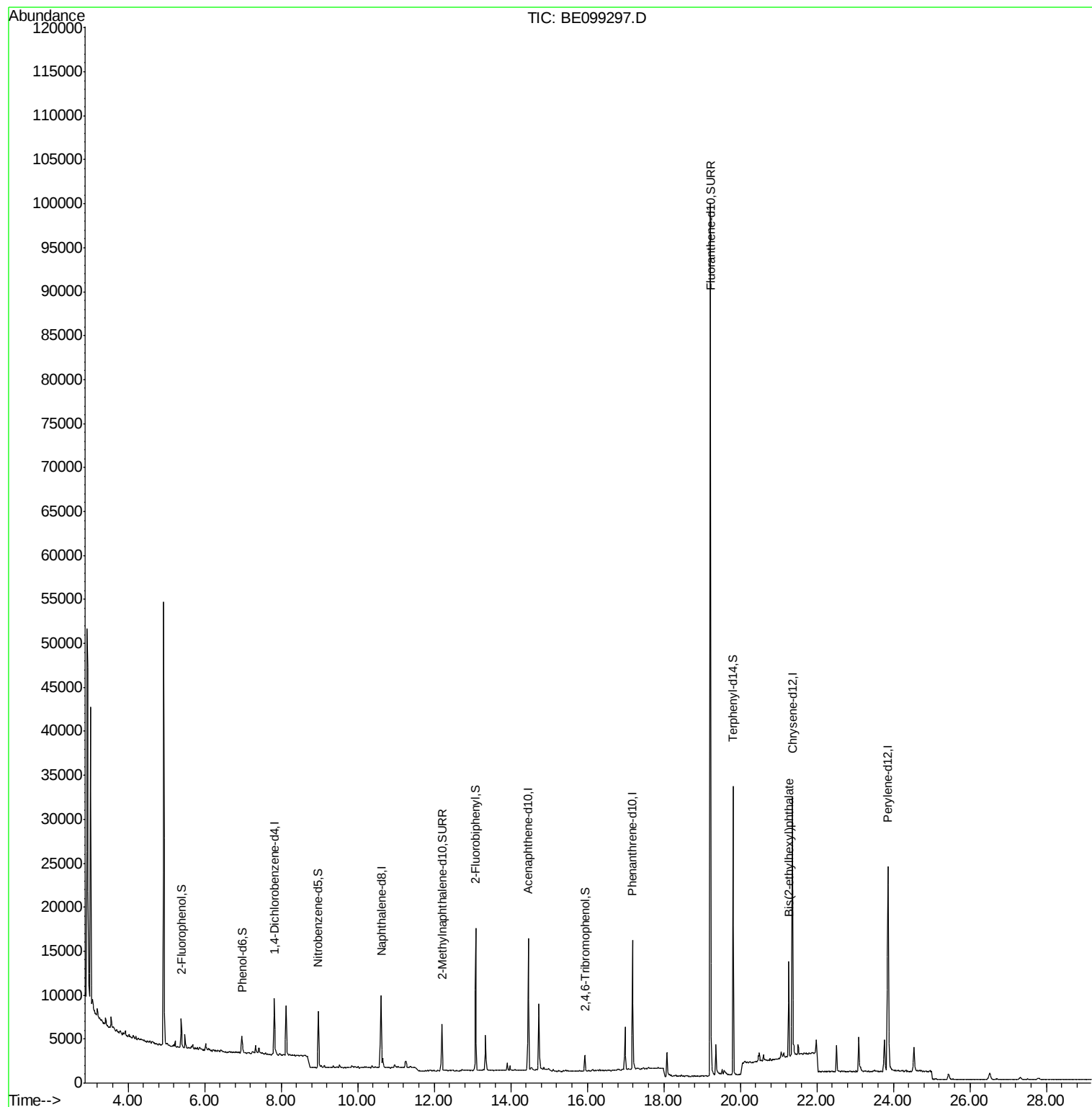
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.82  | 152  | 3047     | 0.40  | ng    | -0.02          |
| 7) Naphthalene-d8              | 10.61 | 136  | 11052    | 0.40  | ng    | -0.01          |
| 13) Acenaphthene-d10           | 14.46 | 164  | 7089     | 0.40  | ng    | -0.03          |
| 19) Phenanthrene-d10           | 17.19 | 188  | 20012    | 0.40  | ng    | -0.03          |
| 27) Chrysene-d12               | 21.37 | 240  | 33433    | 0.40  | ng    | -0.02          |
| 34) Perylene-d12               | 23.86 | 264  | 35532    | 0.40  | ng    | -0.04          |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.39  | 112  | 1836     | 0.23  | ng    | -0.02          |
| 5) Phenol-d6                   | 6.98  | 99   | 2050     | 0.18  | ng    | -0.01          |
| 8) Nitrobenzene-d5             | 8.96  | 82   | 3188     | 0.42  | ng    | -0.03          |
| 11) 2-Methylnaphthalene-d10    | 12.21 | 152  | 8121     | 0.42  | ng    | -0.02          |
| 14) 2,4,6-Tribromophenol       | 15.94 | 330  | 1262     | 0.39  | ng    | -0.01          |
| 15) 2-Fluorobiphenyl           | 13.09 | 172  | 14739    | 0.53  | ng    | -0.02          |
| 25) Fluoranthene-d10           | 19.22 | 212  | 128866   | 0.49  | ng    | -0.02          |
| 29) Terphenyl-d14              | 19.81 | 244  | 29709    | 0.49  | ng    | -0.02          |
| Target Compounds               |       |      |          |       |       |                |
| 32) Bis(2-ethylhexyl)phthalate | 21.27 | 149  | 12872    | 0.096 | ng    | Qvalue<br># 99 |

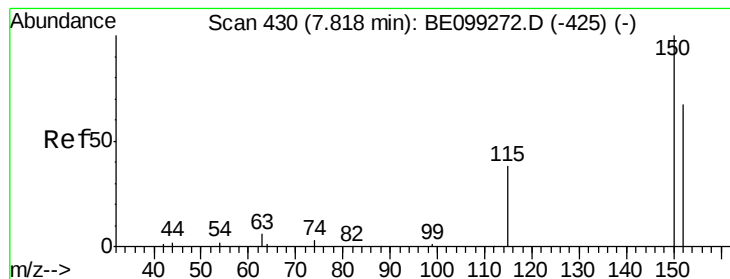
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA\_E

ClientSampleId :

WE-2

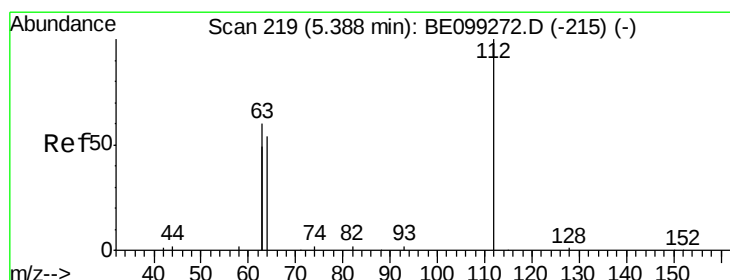
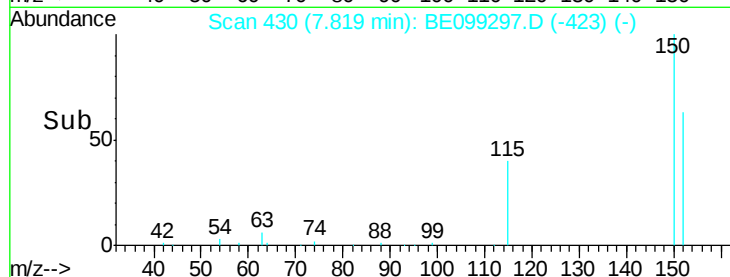
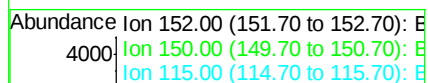
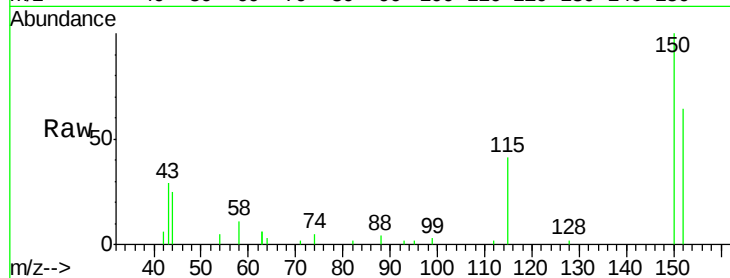
Tgt Ion:152 Resp: 3047

Ion Ratio Lower Upper

152 100

150 157.3 112.8 169.2

115 65.2 45.1 67.7



#4

2-Fluorophenol

Concen: 0.227 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.02 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

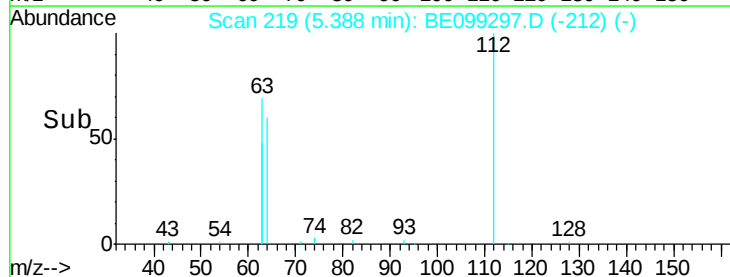
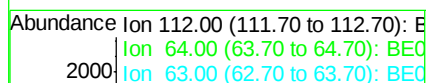
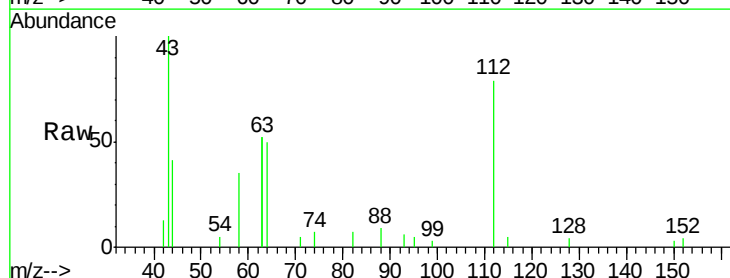
Tgt Ion:112 Resp: 1836

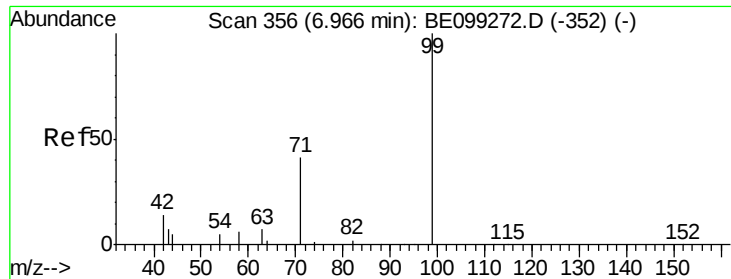
Ion Ratio Lower Upper

112 100

64 56.2 46.2 69.2

63 114.2 89.9 134.9





#5

Phenol-d6

Concen: 0.184 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA\_E

ClientSampleId :

WE-2

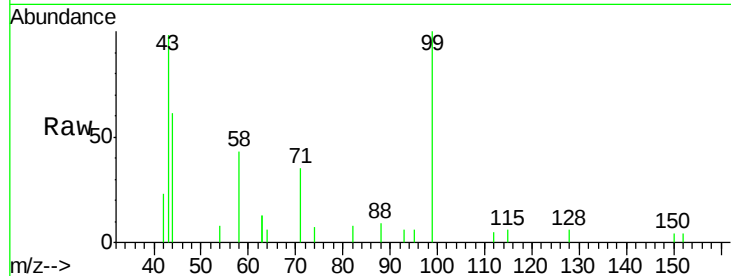
Tgt Ion: 99 Resp: 2050

Ion Ratio Lower Upper

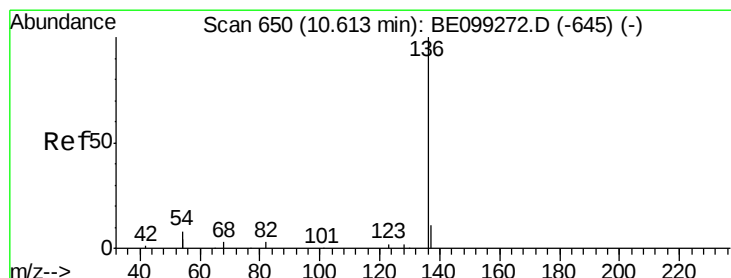
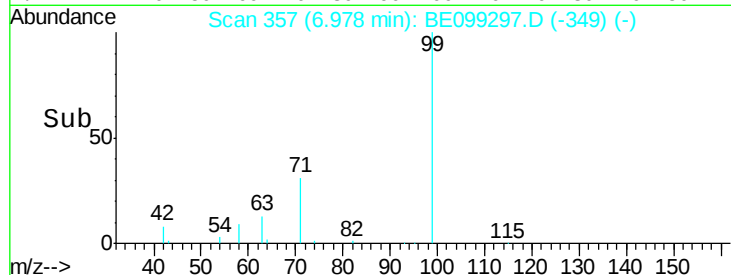
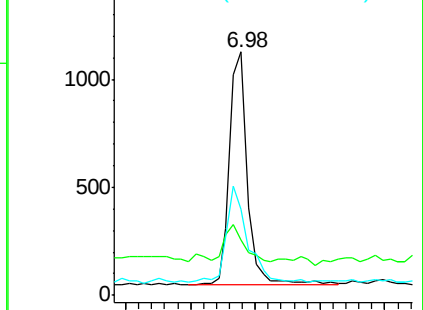
99 100

42 17.0 12.4 18.6

71 47.4 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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Tgt Ion: 136 Resp: 11052

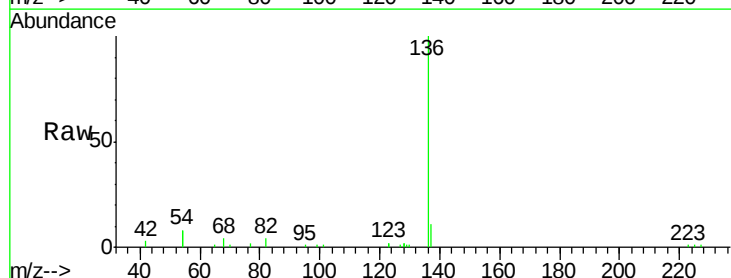
Ion Ratio Lower Upper

136 100

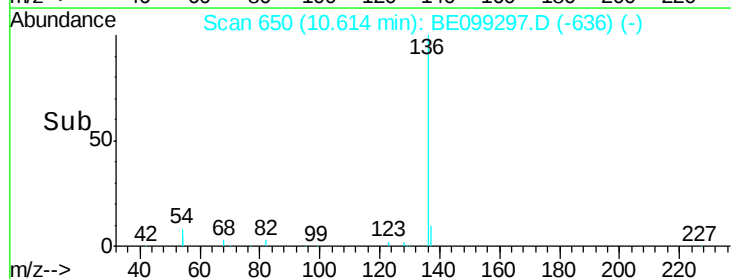
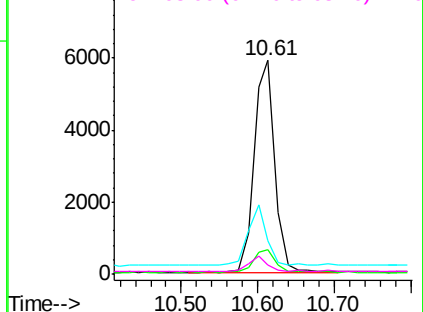
137 11.2 8.7 13.1

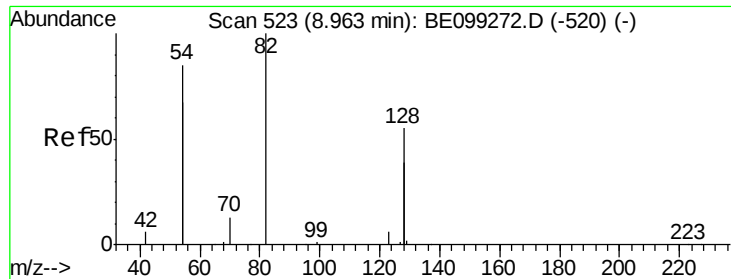
54 15.7 18.7 28.1#

68 4.2 5.2 7.8#



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: 0.420 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA\_E

ClientSampleId :

WE-2

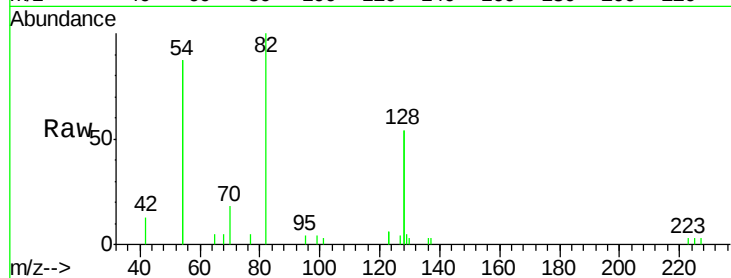
Tgt Ion: 82 Resp: 3188

Ion Ratio Lower Upper

82 100

128 108.7 107.5 161.3

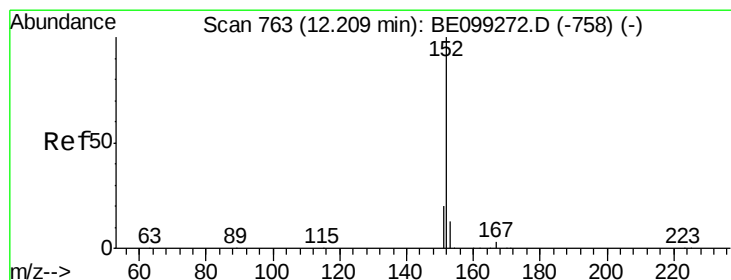
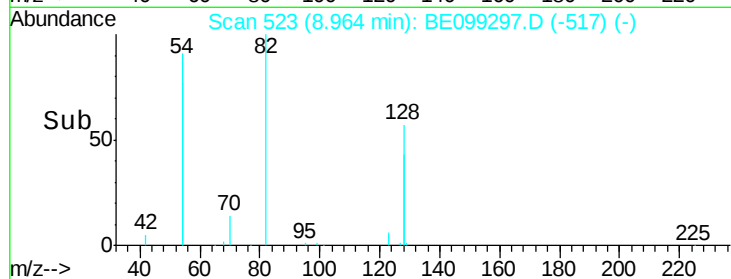
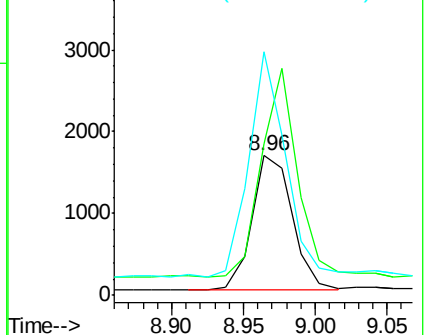
54 174.6 106.3 159.5#



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: 0.421 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099297.D

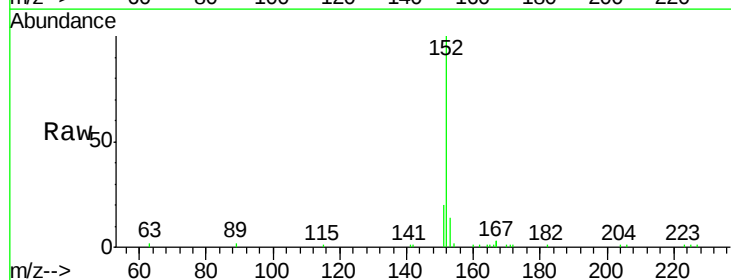
Acq: 4 Apr 2019 19:29

Tgt Ion: 152 Resp: 8121

Ion Ratio Lower Upper

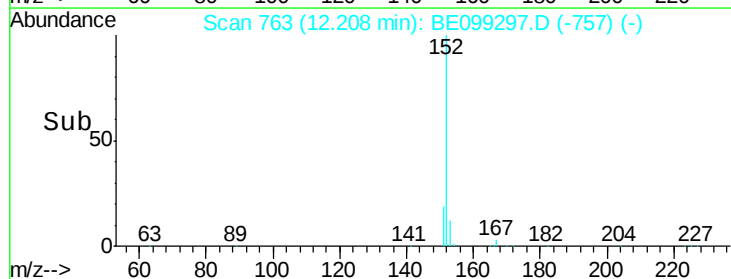
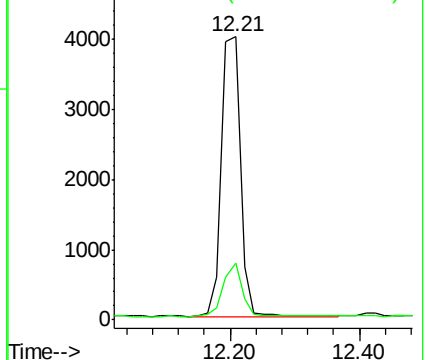
152 100

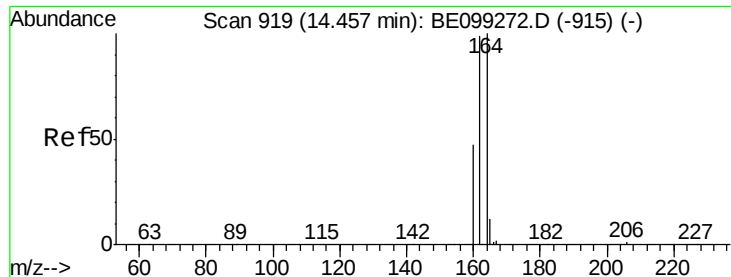
151 18.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.03 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA\_E

ClientSampleId :

WE-2

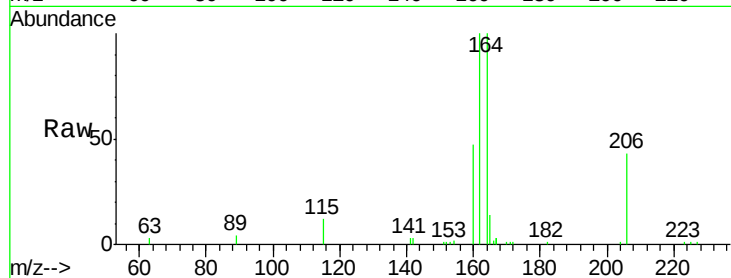
Tgt Ion:164 Resp: 7089

Ion Ratio Lower Upper

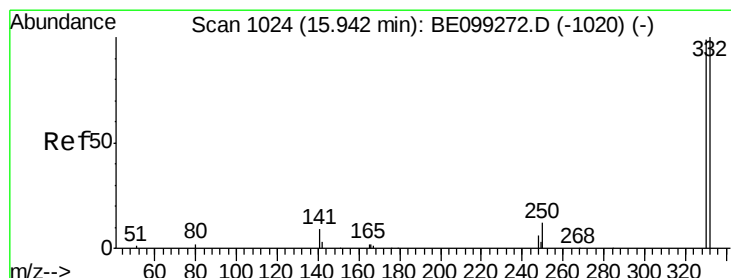
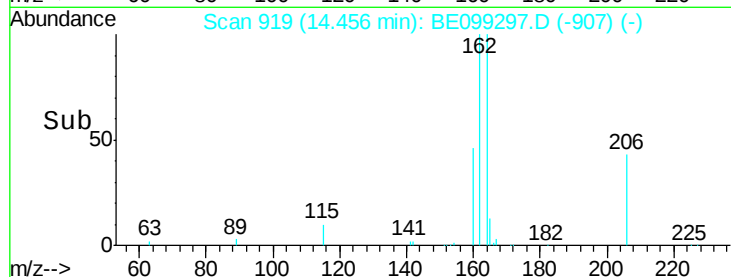
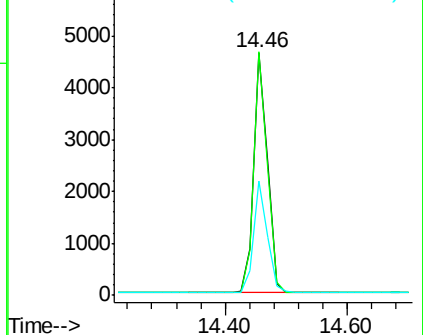
164 100

162 100.3 79.2 118.8

160 47.0 36.7 55.1



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: 0.386 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

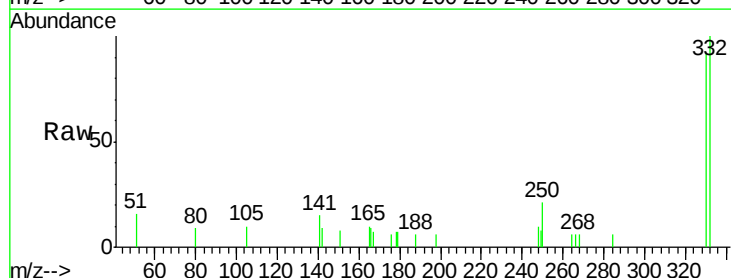
Tgt Ion:330 Resp: 1262

Ion Ratio Lower Upper

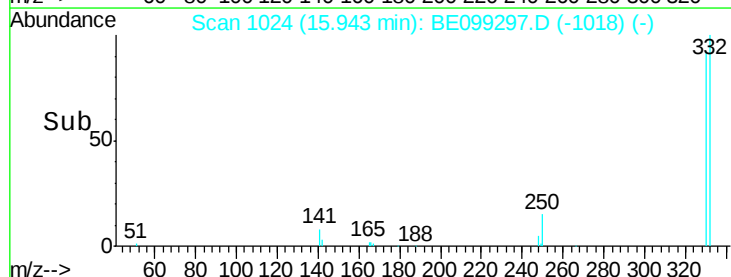
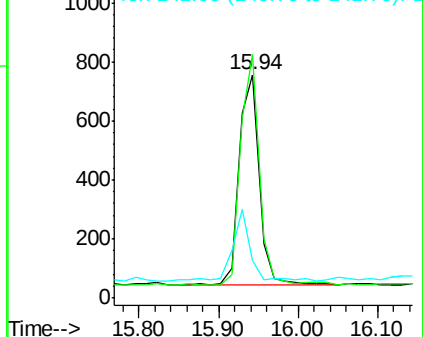
330 100

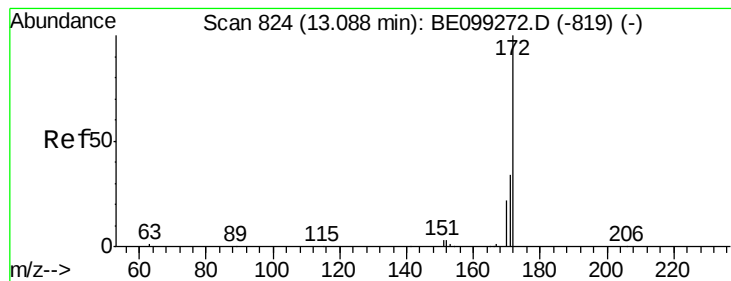
332 102.7 71.3 106.9

141 27.3 21.7 32.5



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





#15

2-Fluorobiphenyl

Concen: 0.529 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.02 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA\_E

ClientSampleId :

WE-2

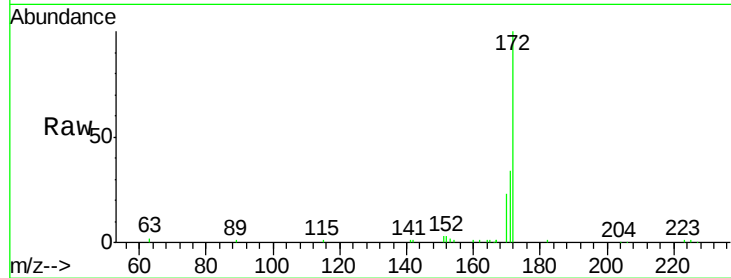
Tgt Ion:172 Resp: 14739

Ion Ratio Lower Upper

172 100

171 33.8 27.4 41.0

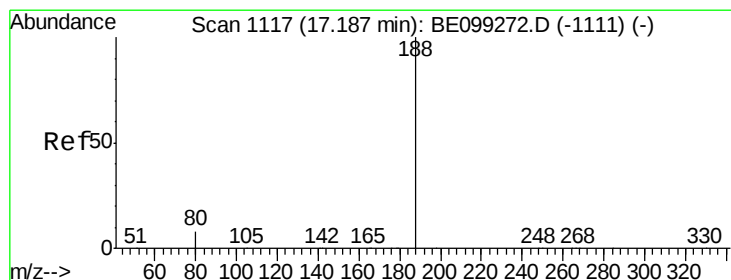
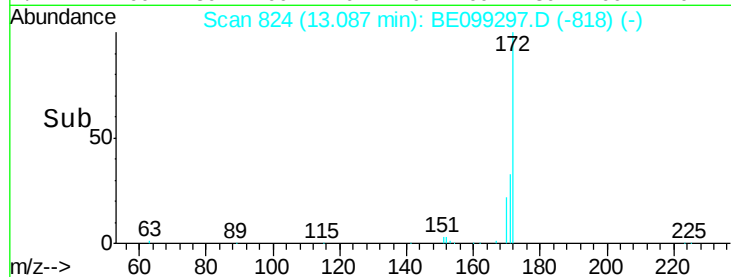
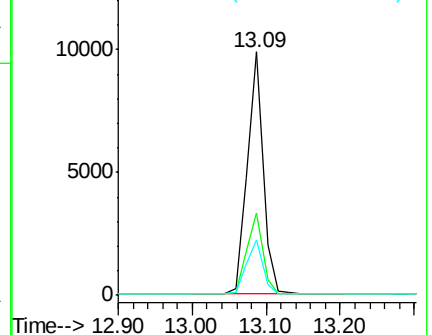
170 22.6 19.1 28.7



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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

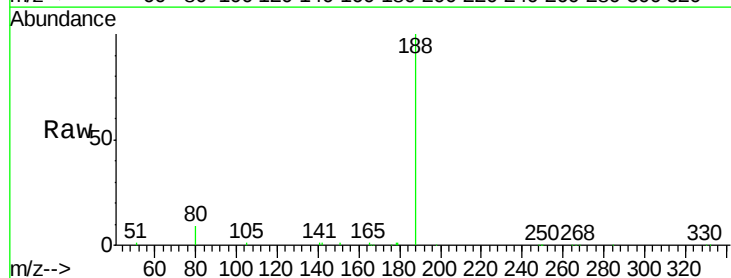
Tgt Ion:188 Resp: 20012

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

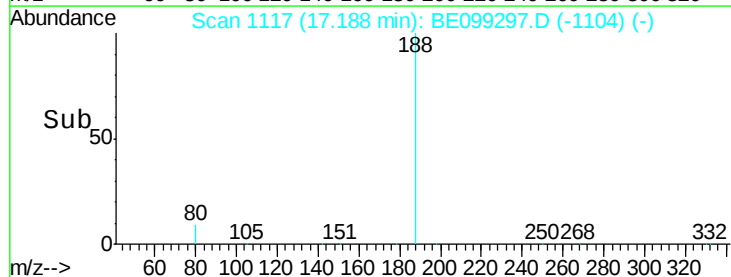
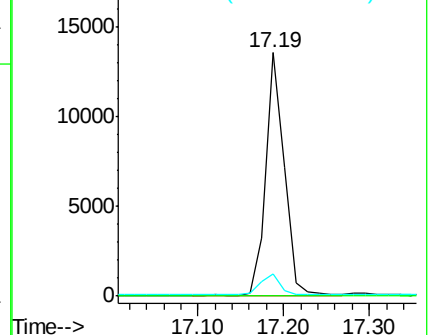
80 9.0 4.5 6.7#

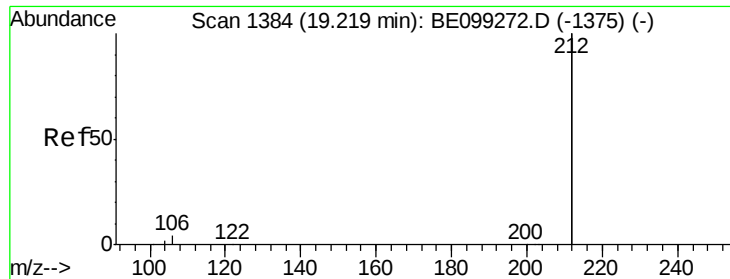


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

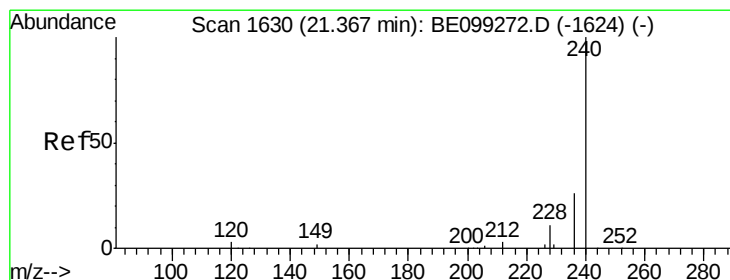
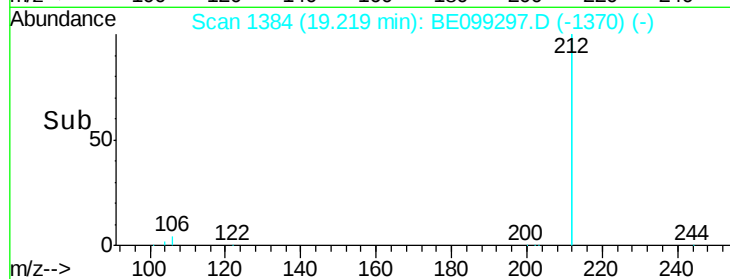
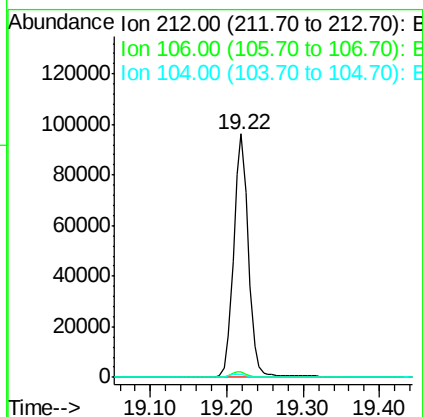
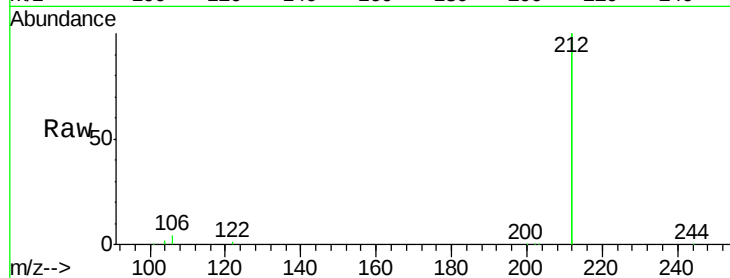




#25  
 Fluoranthene-d10  
 Concen: 0.488 ng  
 RT: 19.22 min Scan# 1384  
 Delta R.T. -0.02 min  
 Lab File: BE099297.D  
 Acq: 4 Apr 2019 19:29

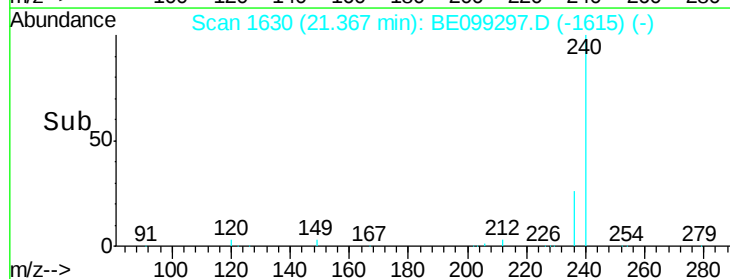
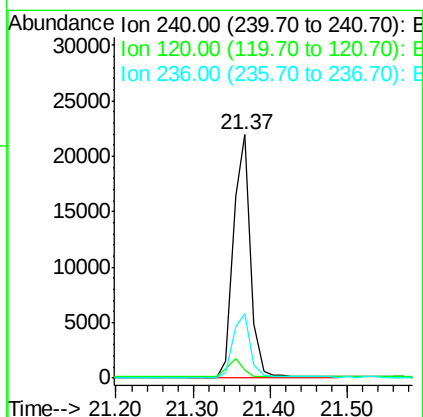
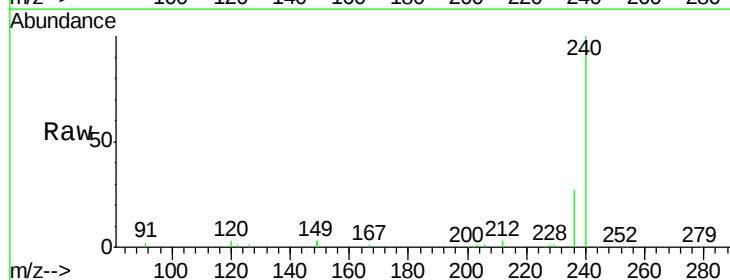
Instrument :  
 BNA\_E  
 ClientSampleId :  
 WE-2

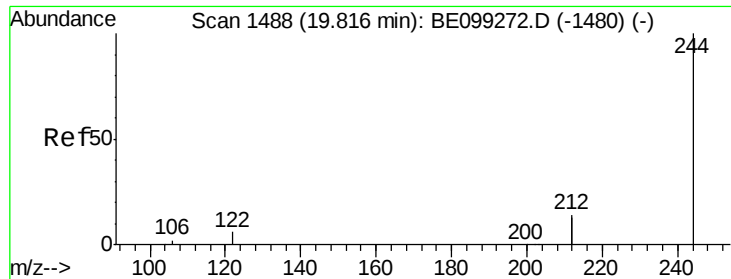
Tgt Ion:212 Resp: 128866  
 Ion Ratio Lower Upper  
 212 100  
 106 2.2 1.8 2.8  
 104 1.2 1.1 1.7



#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.37 min Scan# 1630  
 Delta R.T. -0.02 min  
 Lab File: BE099297.D  
 Acq: 4 Apr 2019 19:29

Tgt Ion:240 Resp: 33433  
 Ion Ratio Lower Upper  
 240 100  
 120 3.5 2.6 3.8  
 236 26.7 20.9 31.3





#29

Terphenyl-d14

Concen: 0.487 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA\_E

ClientSampleId :

WE-2

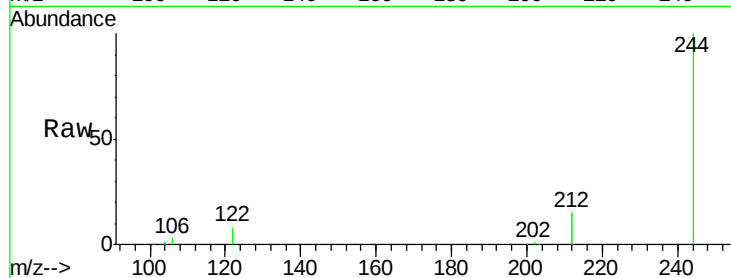
Tgt Ion:244 Resp: 29709

Ion Ratio Lower Upper

244 100

212 30.4 22.7 34.1

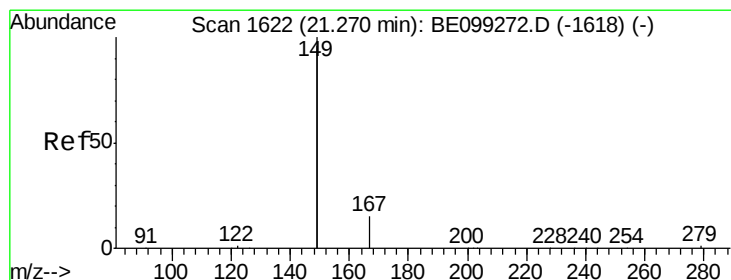
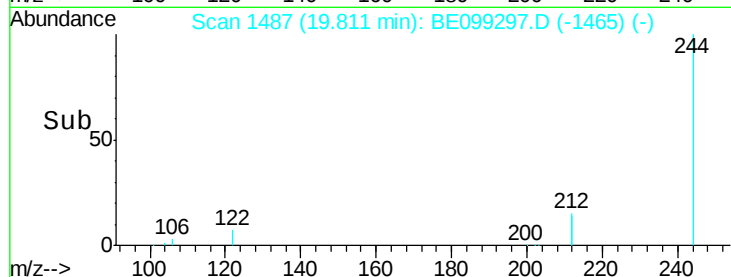
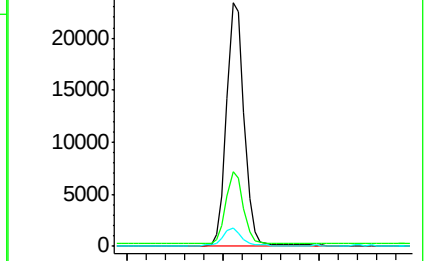
122 7.7 5.8 8.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.096 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

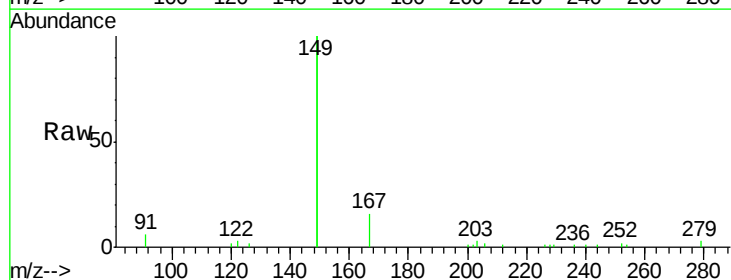
Tgt Ion:149 Resp: 12872

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

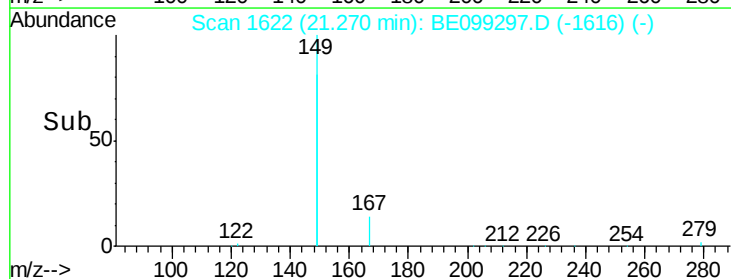
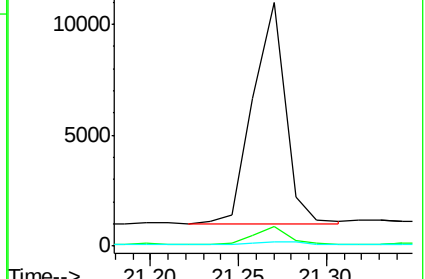
279 2.0 1.0 1.6#

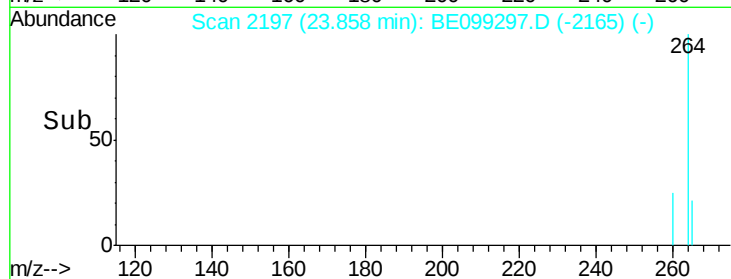
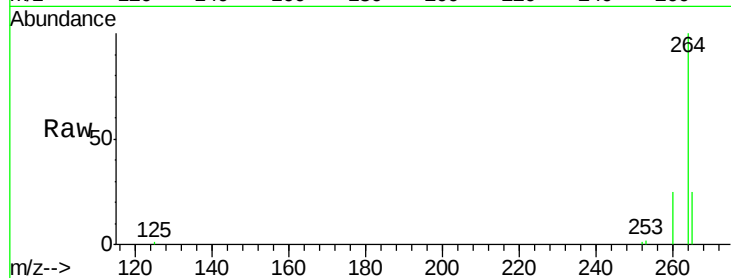
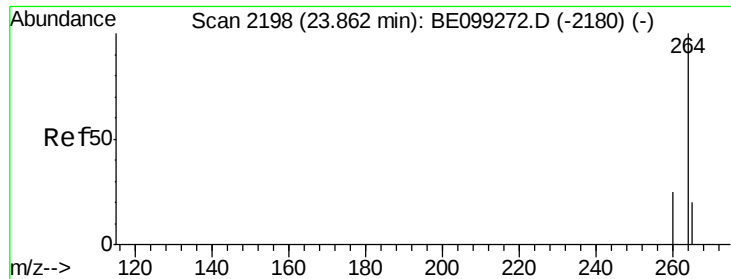


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.86 min Scan# 2197

Delta R.T. -0.04 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA\_E

ClientSampleId :

WE-2

Tgt Ion:264 Resp: 35532

Ion Ratio Lower Upper

264 100

260 25.3 18.2 27.2

265 25.2 21.8 32.8

