

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\  
 Data File : BE098340.D  
 Acq On : 11 Dec 2018 19:33  
 Operator : SJ/JU  
 Sample : J6288-06  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPS1-TT-MW301S-20181206

Quant Time: Dec 12 01:59:43 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 10 14:59:55 2018  
 Response via : Initial Calibration

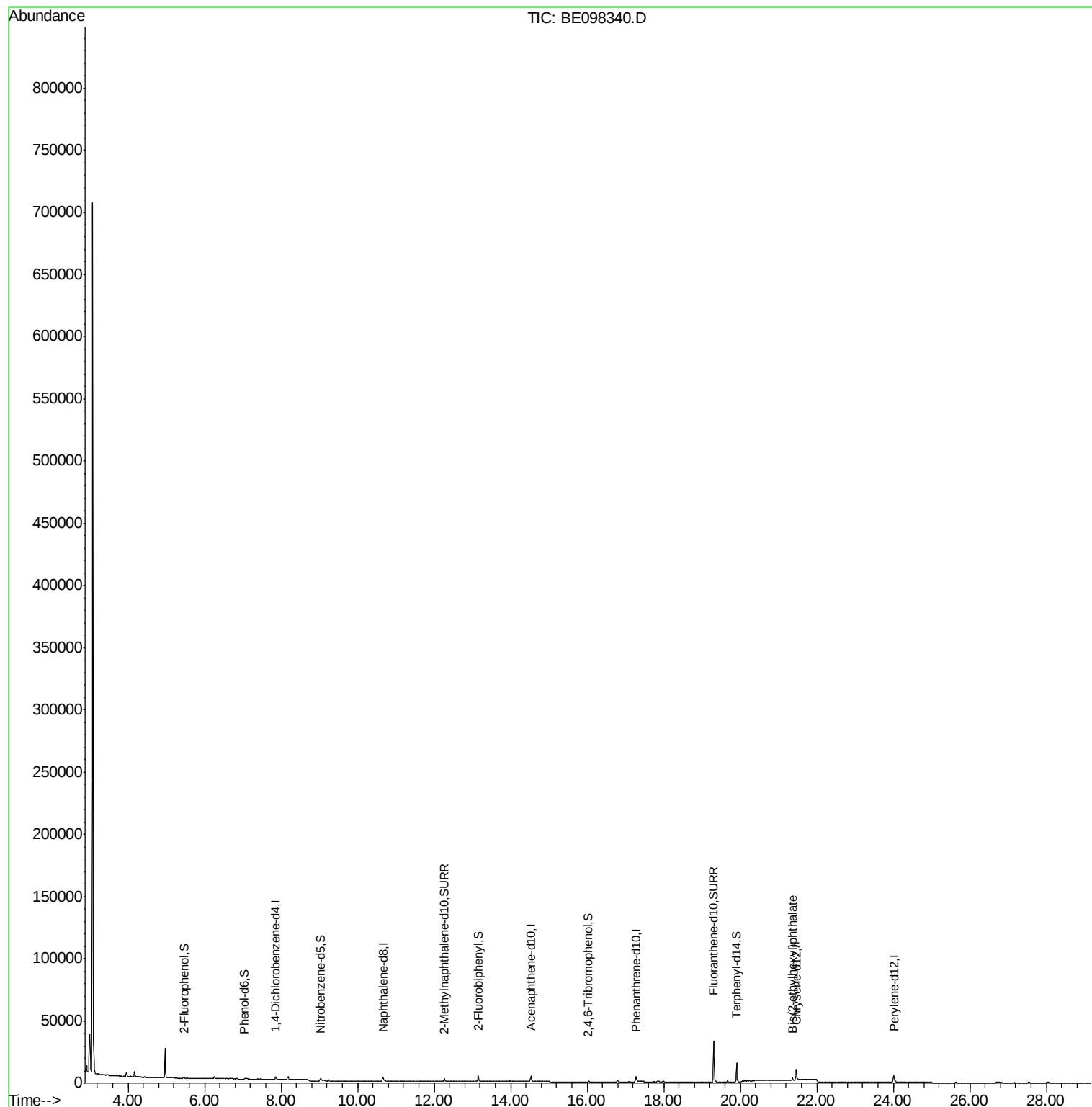
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)        |
|--------------------------------|-------|------|----------|-------|-------|-----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.86  | 152  | 1121     | 0.40  | ng    | 0.00            |
| 7) Naphthalene-d8              | 10.67 | 136  | 4710     | 0.40  | ng    | 0.00            |
| 13) Acenaphthene-d10           | 14.53 | 164  | 3088     | 0.40  | ng    | 0.00            |
| 19) Phenanthrene-d10           | 17.28 | 188  | 7951     | 0.40  | ng    | 0.00            |
| 27) Chrysene-d12               | 21.46 | 240  | 9847     | 0.40  | ng    | 0.00            |
| 34) Perylene-d12               | 24.01 | 264  | 9125     | 0.40  | ng    | 0.00            |
| System Monitoring Compounds    |       |      |          |       |       |                 |
| 4) 2-Fluorophenol              | 5.46  | 112  | 538      | 0.21  | ng    | 0.01            |
| 5) Phenol-d6                   | 7.05  | 99   | 370      | 0.10  | ng    | 0.00            |
| 8) Nitrobenzene-d5             | 9.03  | 82   | 1868     | 0.44  | ng    | 0.01            |
| 11) 2-Methylnaphthalene-d10    | 12.27 | 152  | 3523     | 0.46  | ng    | 0.00            |
| 14) 2,4,6-Tribromophenol       | 16.02 | 330  | 516      | 0.46  | ng    | 0.00            |
| 15) 2-Fluorobiphenyl           | 13.15 | 172  | 6118     | 0.47  | ng    | 0.00            |
| 25) Fluoranthene-d10           | 19.30 | 212  | 51374    | 0.50  | ng    | 0.00            |
| 29) Terphenyl-d14              | 19.90 | 244  | 14822    | 0.62  | ng    | 0.00            |
| Target Compounds               |       |      |          |       |       |                 |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149  | 2384     | 0.042 | ng    | Qvalue<br># 100 |

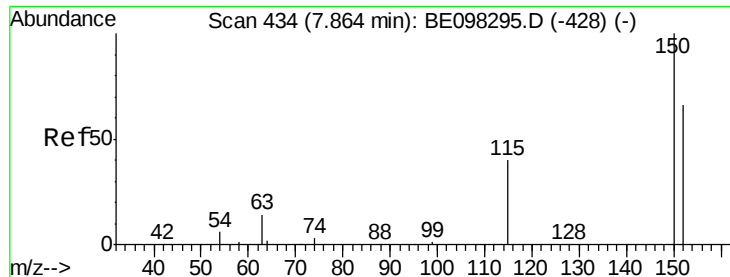
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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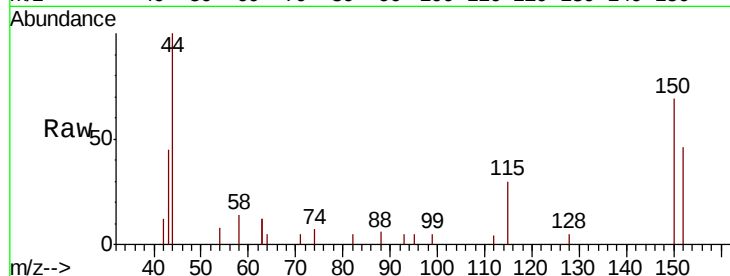


#1

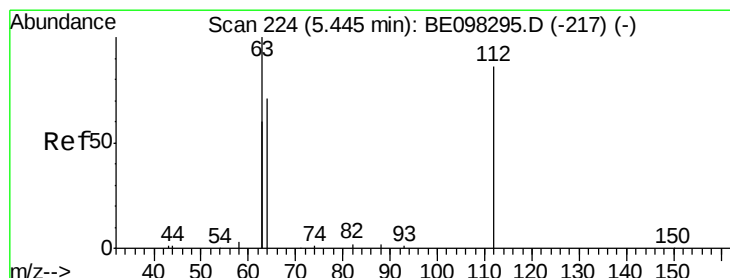
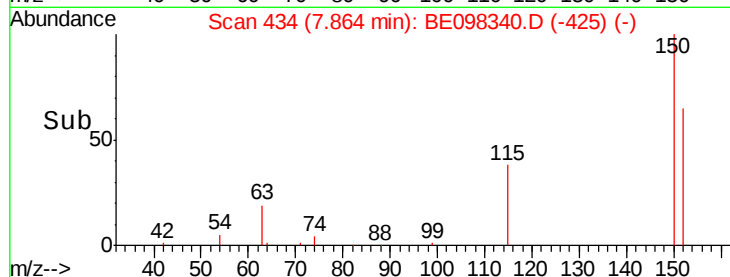
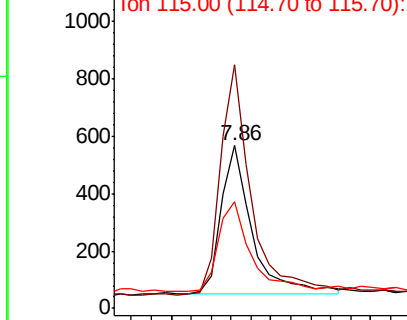
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.86 min Scan# 434  
Delta R.T. 0.00 min  
Lab File: BE098340.D  
Acq: 11 Dec 2018 19:33

Instrument :  
BNA\_E  
ClientSampleId :  
BPS1-TT-MW301S-20181206

Tot Ion:152 Resp: 1121  
Ion Ratio Lower Upper  
152 100  
150 149.7 124.2 186.4  
115 65.6 53.9 80.9



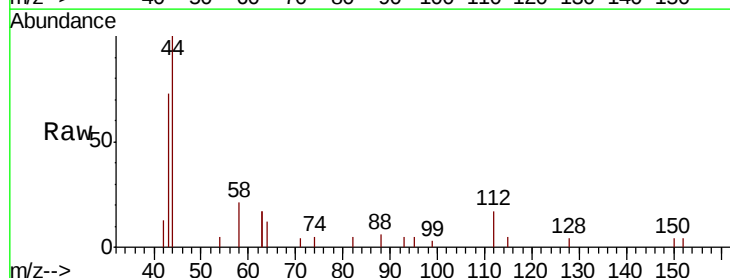
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



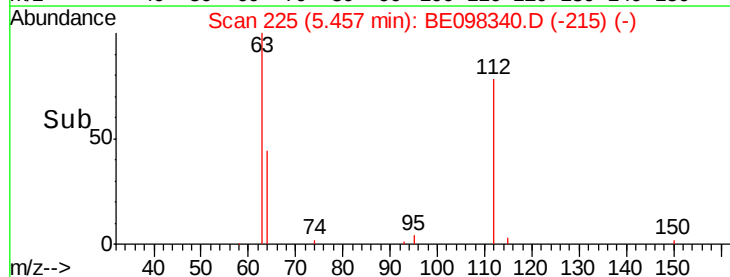
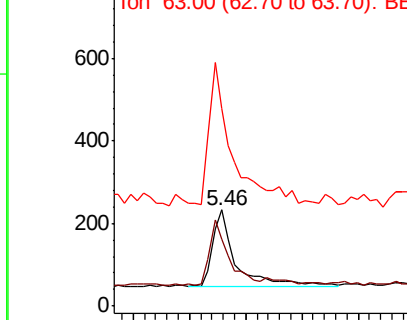
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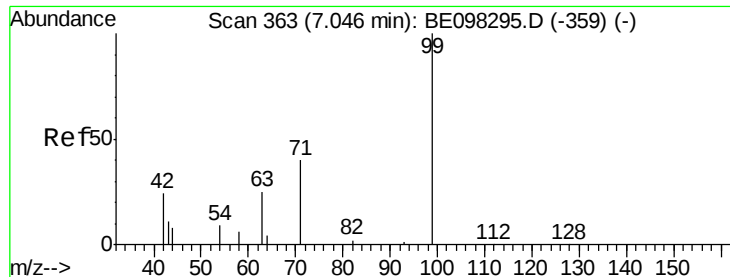
2-Fluorophenol  
Concen: 0.205 ng  
RT: 5.46 min Scan# 225  
Delta R.T. 0.01 min  
Lab File: BE098340.D  
Acq: 11 Dec 2018 19:33

Tgt Ion:112 Resp: 538  
Ion Ratio Lower Upper  
112 100  
64 68.8 59.8 89.8  
63 181.4 133.7 200.5



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





#5

Phenol-d6

Concen: 0.100 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098340.D

Acq: 11 Dec 2018 19:33

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW301S-20181206

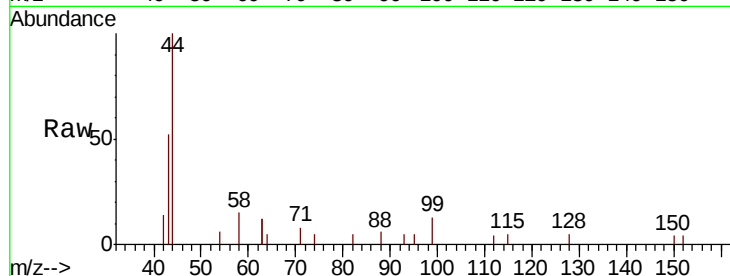
Tot Ion: 99 Resp: 370

Ion Ratio Lower Upper

99 100

42 47.6 26.3 39.5#

71 43.5 33.6 50.4



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

7.05

150

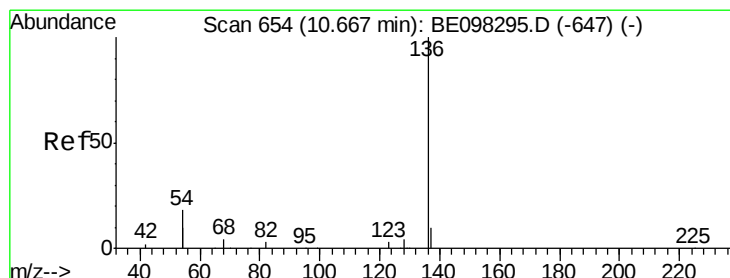
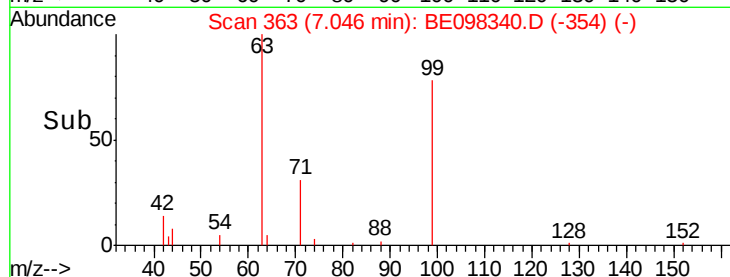
100

50

0

6.90 7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098340.D

Acq: 11 Dec 2018 19:33

Tgt Ion: 136 Resp: 4710

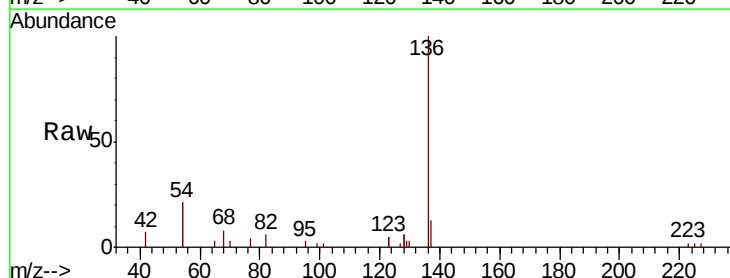
Ion Ratio Lower Upper

136 100

137 13.4 9.2 13.8

54 42.7 28.4 42.6#

68 8.1 5.4 8.0#



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

10.67

3000

2500

2000

1500

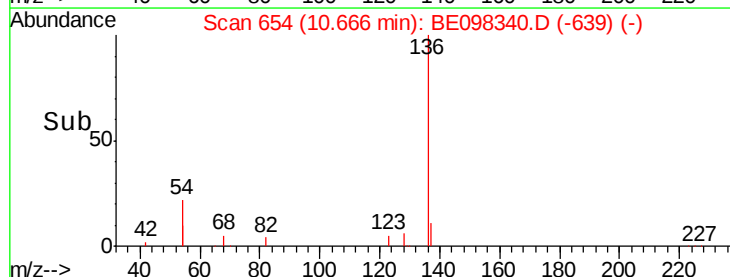
1000

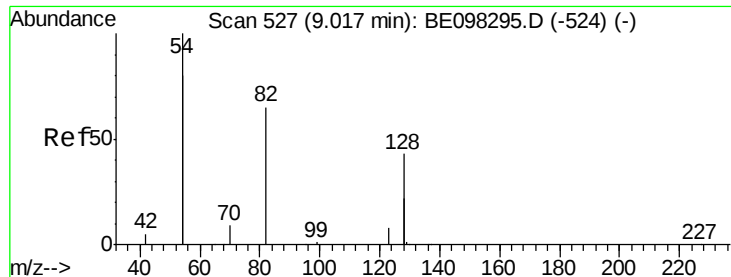
500

0

10.60 10.80

Time-->

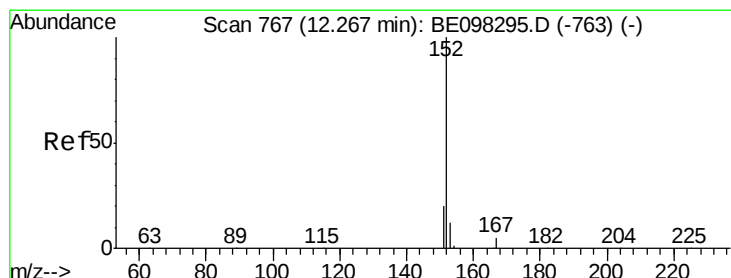
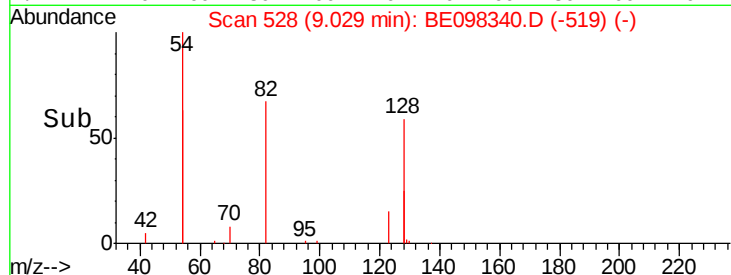
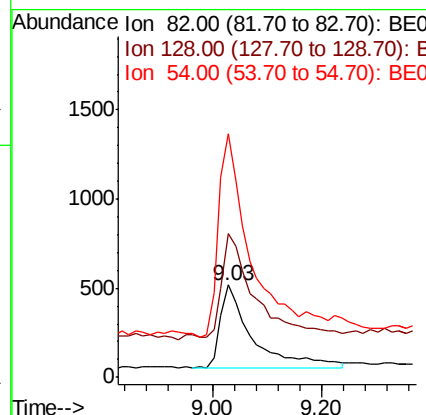
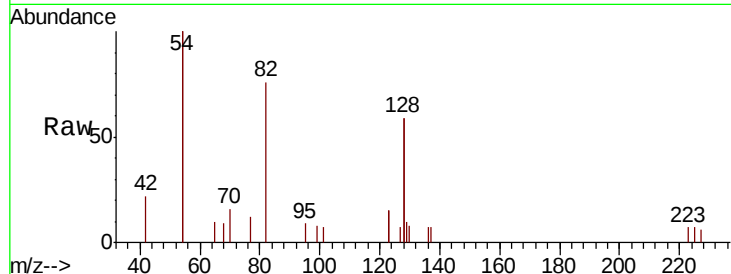




#8  
 Nitrobenzene-d5  
 Concen: 0.436 ng  
 RT: 9.03 min Scan# 528  
 Delta R.T. 0.01 min  
 Lab File: BE098340.D  
 Acq: 11 Dec 2018 19:33

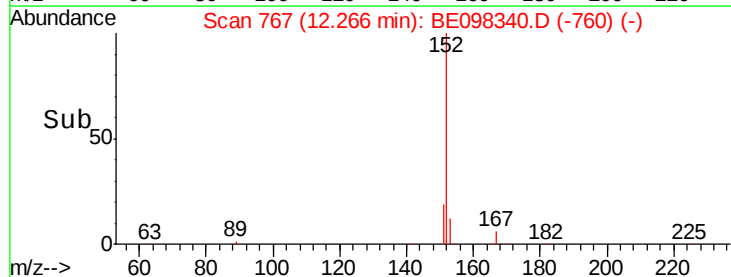
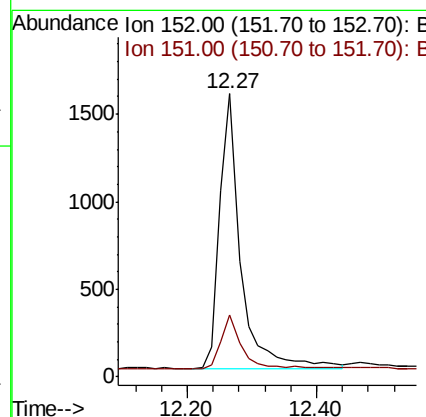
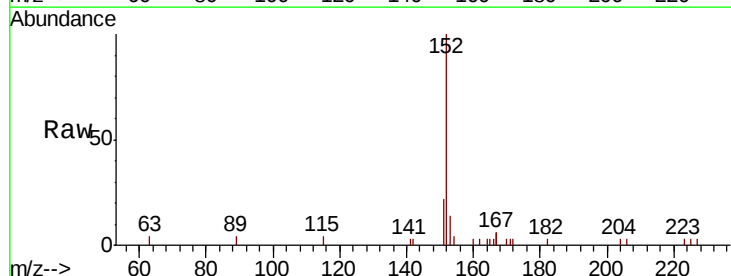
Instrument :  
 BNA\_E  
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 BPS1-TT-MW301S-20181206

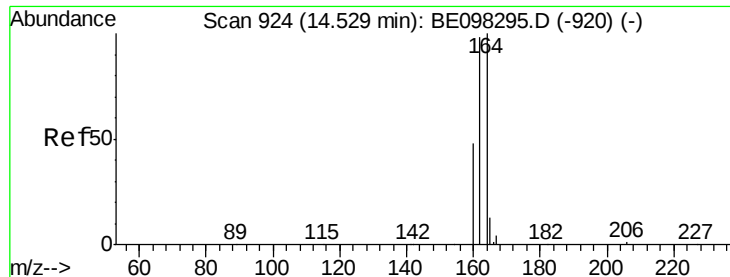
Tot Ion: 82 Resp: 1868  
 Ion Ratio Lower Upper  
 82 100  
 128 155.9 102.4 153.6#  
 54 264.2 221.8 332.8



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.460 ng  
 RT: 12.27 min Scan# 767  
 Delta R.T. -0.00 min  
 Lab File: BE098340.D  
 Acq: 11 Dec 2018 19:33

Tgt Ion:152 Resp: 3523  
 Ion Ratio Lower Upper  
 152 100  
 151 20.1 16.2 24.4

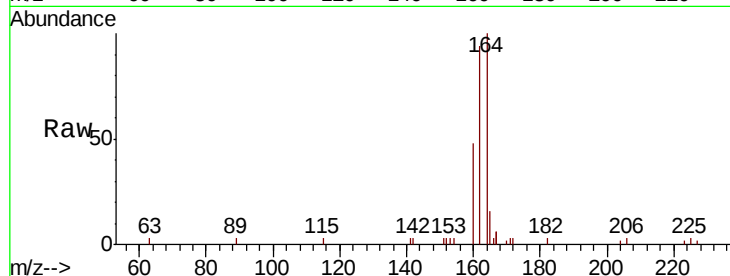




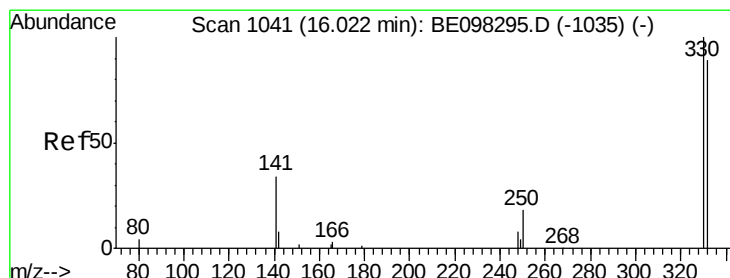
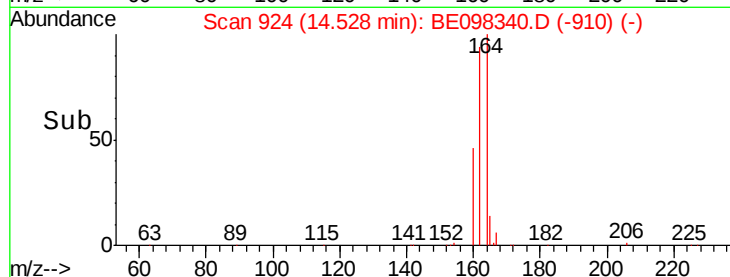
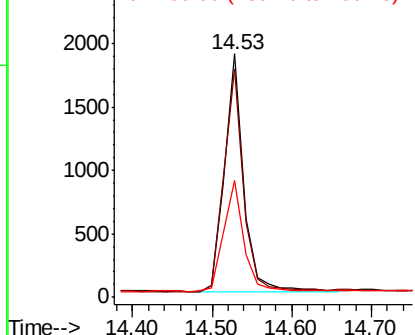
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.53 min Scan# 924  
 Delta R.T. -0.00 min  
 Lab File: BE098340.D  
 Acq: 11 Dec 2018 19:33

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPS1-TT-MW301S-20181206

Tot Ion:164 Resp: 3088  
 Ion Ratio Lower Upper  
 164 100  
 162 93.6 77.6 116.4  
 160 47.8 36.0 54.0

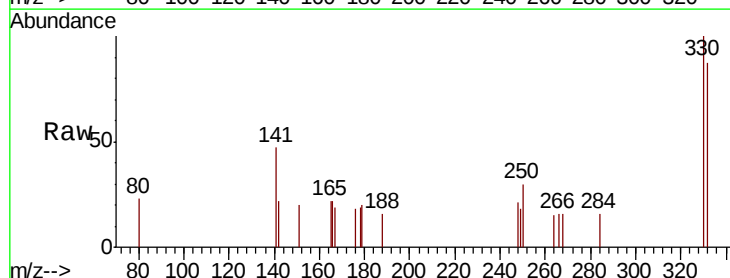


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

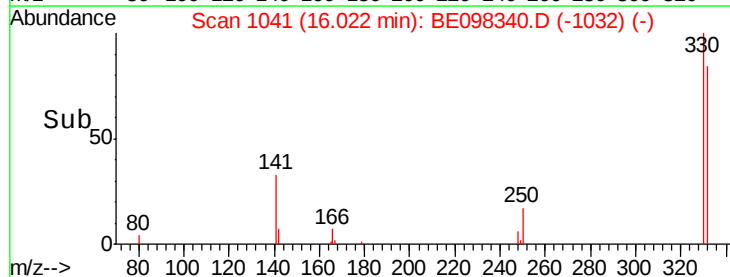
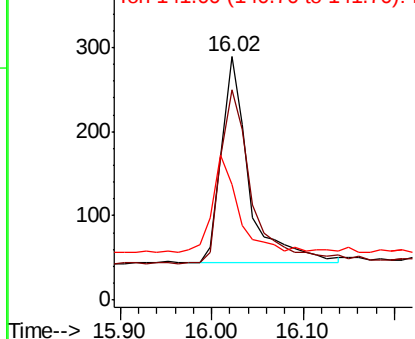


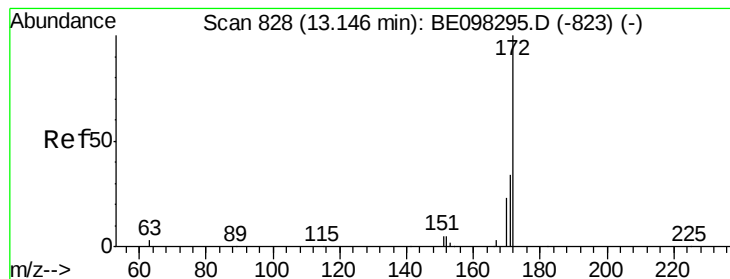
#14  
 2,4,6-Tribromophenol  
 Concen: 0.455 ng  
 RT: 16.02 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: BE098340.D  
 Acq: 11 Dec 2018 19:33

Tgt Ion:330 Resp: 516  
 Ion Ratio Lower Upper  
 330 100  
 332 100.8 76.2 114.4  
 141 45.5 39.0 58.4



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

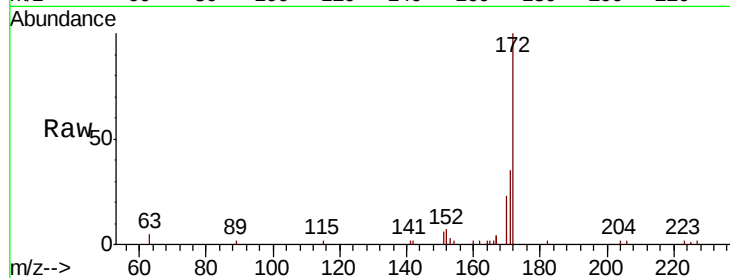




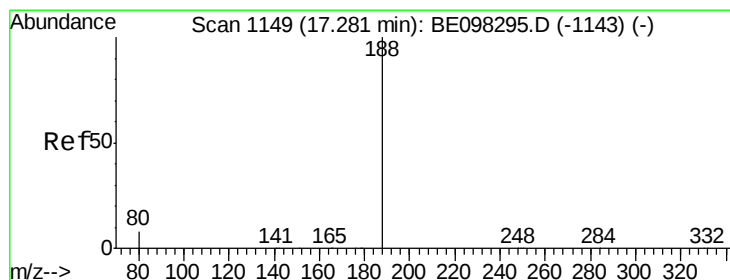
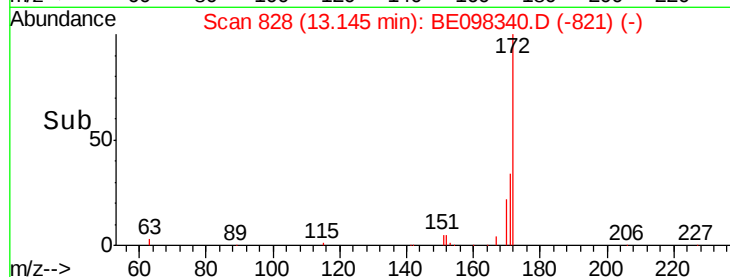
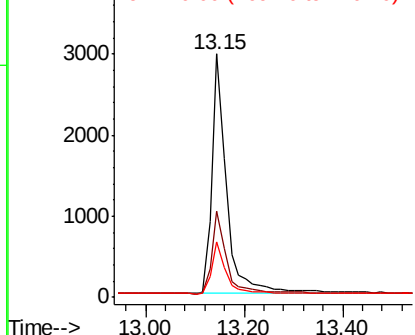
#15  
2-Fluorobiphenyl  
Concen: 0.470 ng  
RT: 13.15 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BE098340.D  
Acq: 11 Dec 2018 19:33

Instrument :  
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Tot Ion:172 Resp: 6118  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.5 41.3  
170 22.8 19.6 29.4

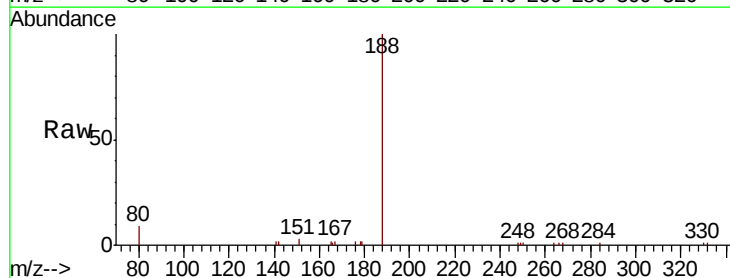


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

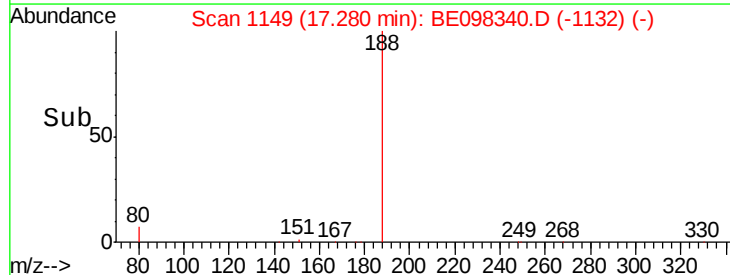
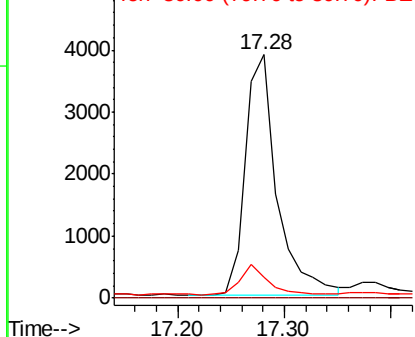


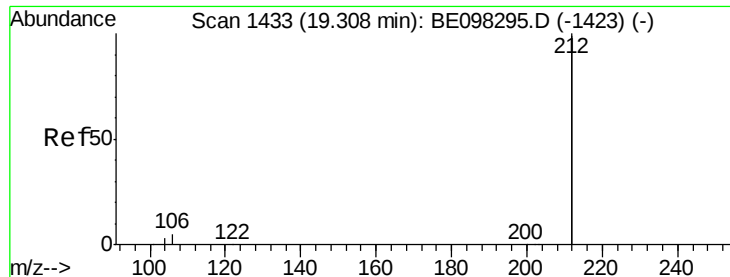
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.28 min Scan# 1149  
Delta R.T. -0.00 min  
Lab File: BE098340.D  
Acq: 11 Dec 2018 19:33

Tgt Ion:188 Resp: 7951  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.6 7.2 10.8



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

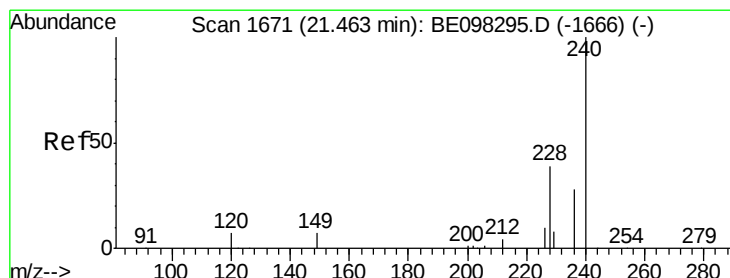
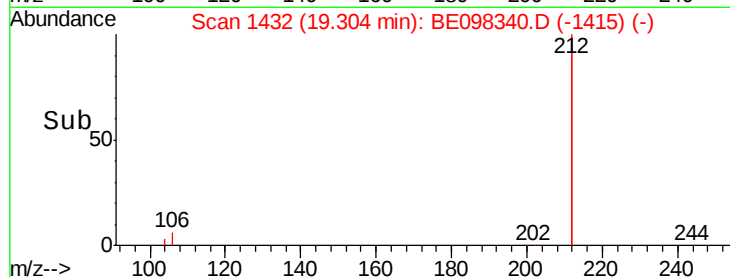
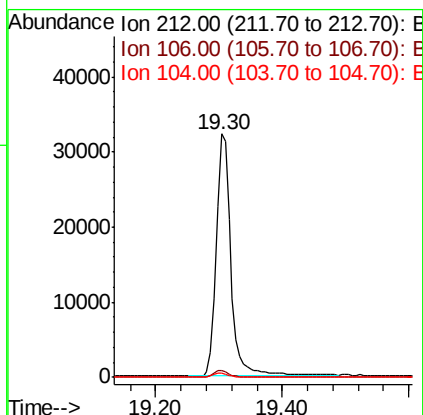
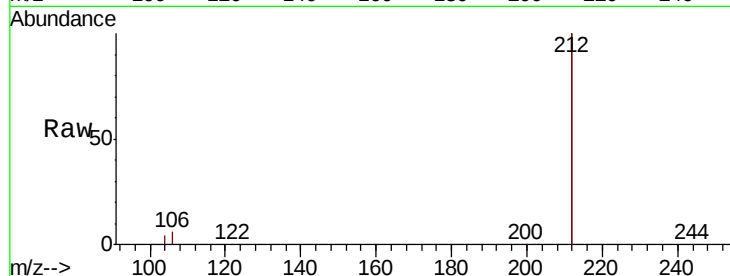




#25  
Fluoranthene-d10  
Concen: 0.504 ng  
RT: 19.30 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: BE098340.D  
Acq: 11 Dec 2018 19:33

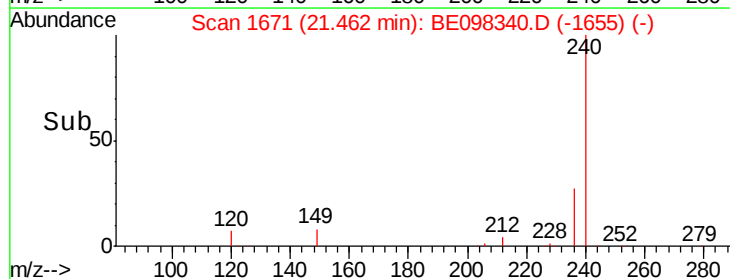
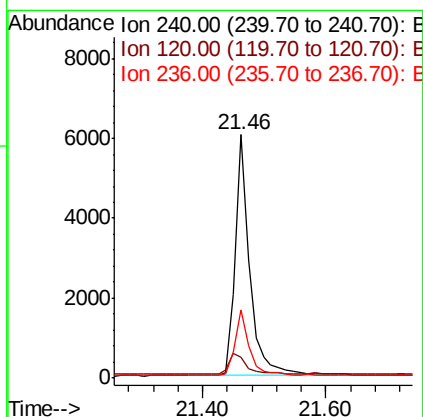
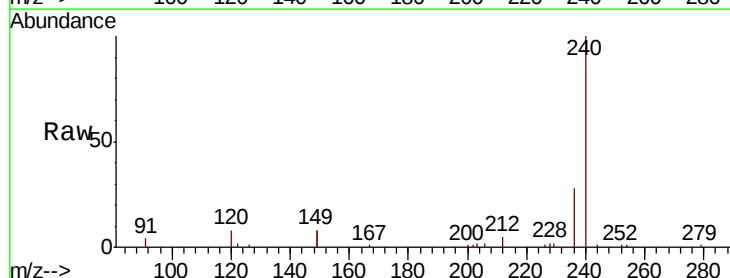
Instrument :  
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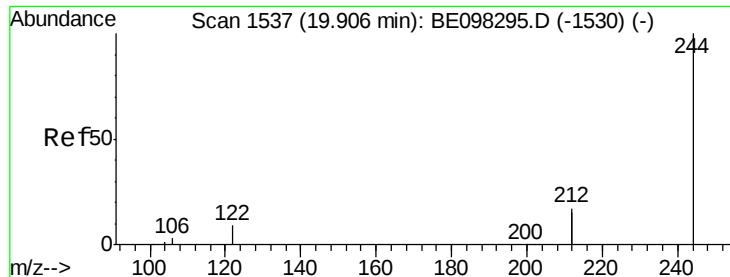
Tot Ion:212 Resp: 51374  
Ion Ratio Lower Upper  
212 100  
106 2.7 2.2 3.2  
104 1.5 1.3 1.9



#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.46 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: BE098340.D  
Acq: 11 Dec 2018 19:33

Tgt Ion:240 Resp: 9847  
Ion Ratio Lower Upper  
240 100  
120 8.5 9.5 14.3#  
236 28.1 22.7 34.1





#29

Terphenyl-d14

Concen: 0.619 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098340.D

Acq: 11 Dec 2018 19:33

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW301S-20181206

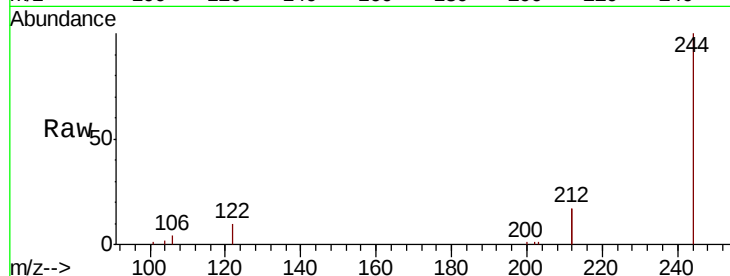
Tot Ion:244 Resp: 14822

Ion Ratio Lower Upper

244 100

212 33.1 27.4 41.0

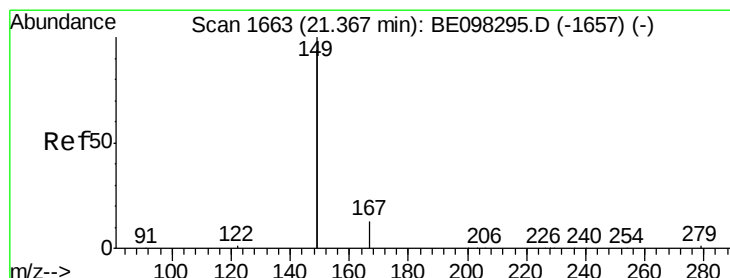
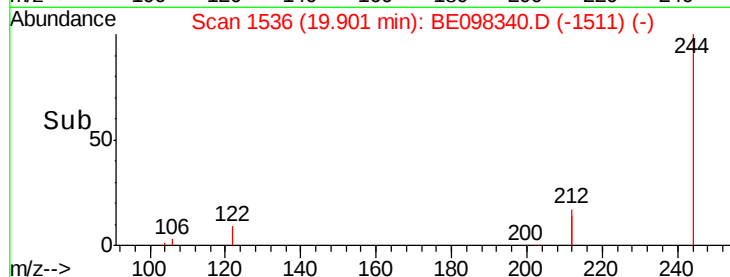
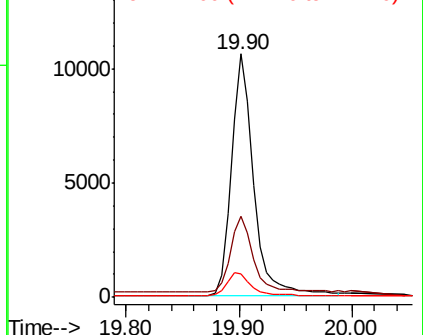
122 9.8 8.3 12.5



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: 0.042 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098340.D

Acq: 11 Dec 2018 19:33

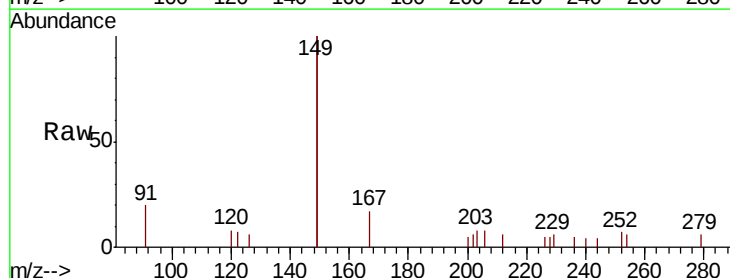
Tgt Ion:149 Resp: 2384

Ion Ratio Lower Upper

149 100

167 7.2 5.7 8.5

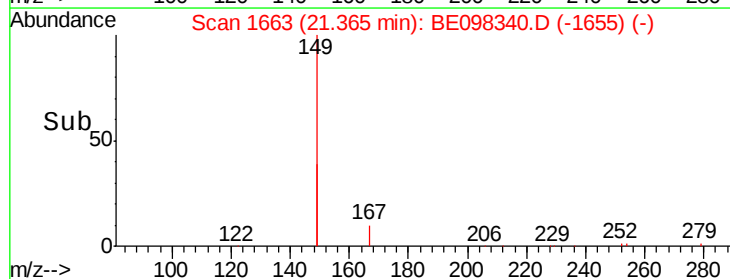
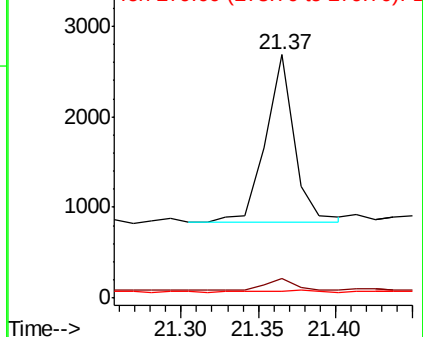
279 2.1 1.0 1.4#

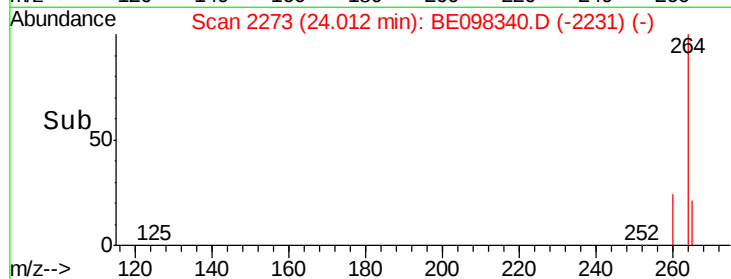
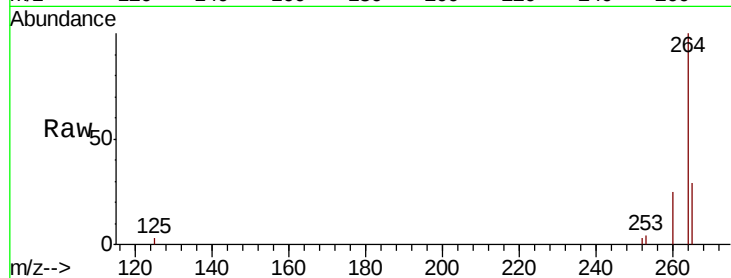
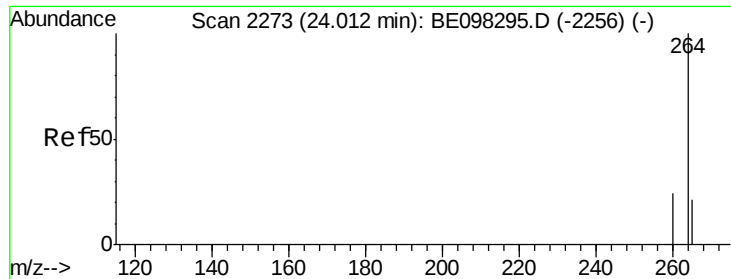


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE098340.D

Acq: 11 Dec 2018 19:33

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW301S-20181206

Tot Ion:264 Resp: 9125

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 29.3 25.2 37.8

