

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\  
 Data File : BE098249.D  
 Acq On : 19 Nov 2018 12:24  
 Operator : SJ/JU  
 Sample : J5968-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 MW-1-111418

Quant Time: Nov 19 13:37:59 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 16 19:05:33 2018  
 Response via : Initial Calibration

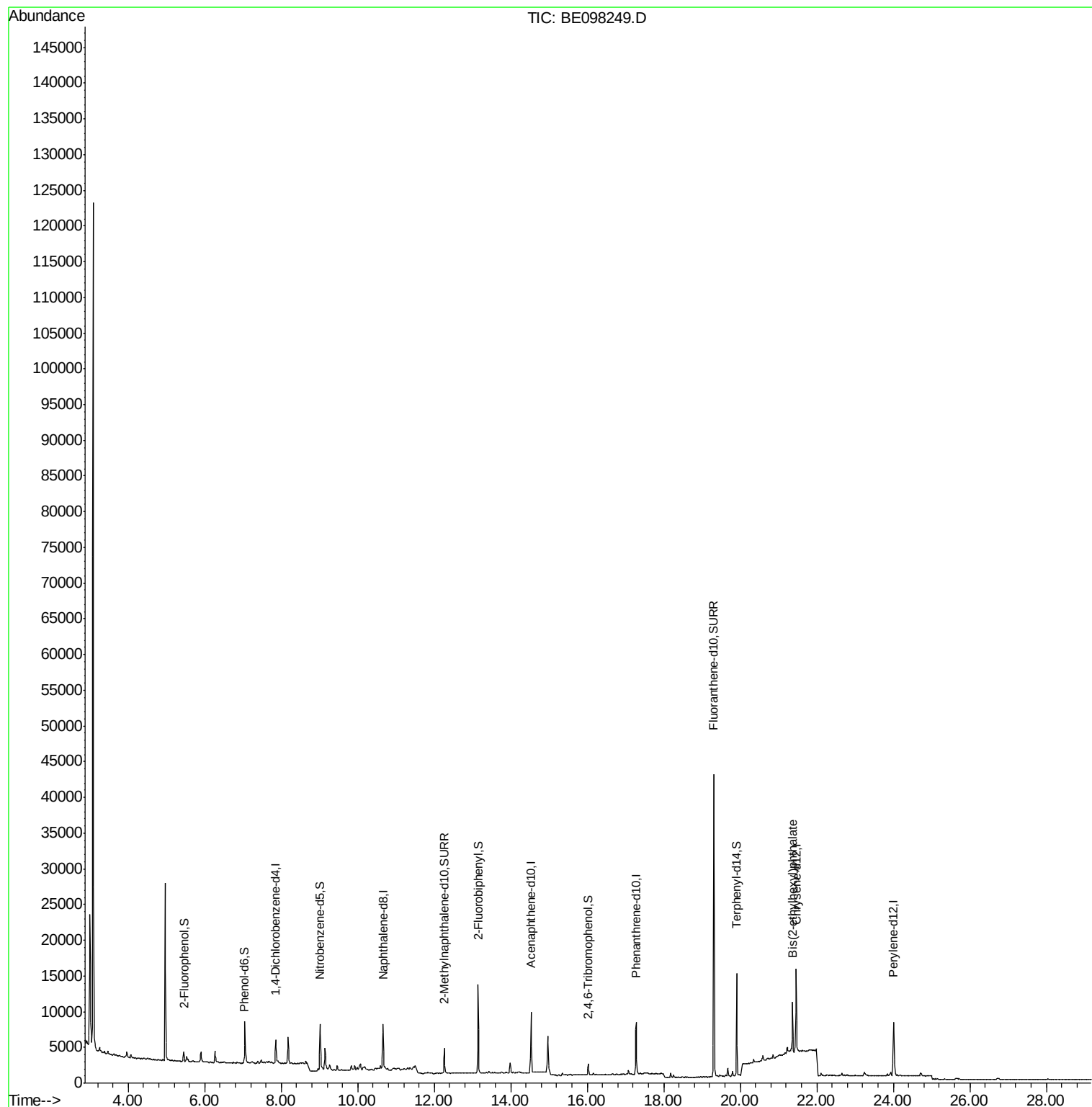
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|--------------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.86  | 152  | 1517     | 0.40  | ng    | 0.00          |
| 7) Naphthalene-d8              | 10.67 | 136  | 7071     | 0.40  | ng    | 0.00          |
| 13) Acenaphthene-d10           | 14.53 | 164  | 4654     | 0.40  | ng    | 0.00          |
| 19) Phenanthrene-d10           | 17.28 | 188  | 10633    | 0.40  | ng    | 0.00          |
| 27) Chrysene-d12               | 21.46 | 240  | 11789    | 0.40  | ng    | 0.00          |
| 34) Perylene-d12               | 24.01 | 264  | 11228    | 0.40  | ng    | 0.00          |
| System Monitoring Compounds    |       |      |          |       |       |               |
| 4) 2-Fluorophenol              | 5.45  | 112  | 675      | 0.17  | ng    | 0.00          |
| 5) Phenol-d6                   | 7.03  | 99   | 618      | 0.10  | ng    | 0.00          |
| 8) Nitrobenzene-d5             | 9.02  | 82   | 2706     | 0.41  | ng    | 0.00          |
| 11) 2-Methylnaphthalene-d10    | 12.27 | 152  | 4613     | 0.37  | ng    | 0.00          |
| 14) 2,4,6-Tribromophenol       | 16.02 | 330  | 894      | 0.60  | ng    | 0.00          |
| 15) 2-Fluorobiphenyl           | 13.15 | 172  | 11180    | 0.55  | ng    | 0.00          |
| 25) Fluoranthene-d10           | 19.31 | 212  | 54585    | 0.42  | ng    | 0.00          |
| 29) Terphenyl-d14              | 19.91 | 244  | 12605    | 0.47  | ng    | 0.00          |
| Target Compounds               |       |      |          |       |       |               |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149  | 8049     | 0.151 | ng    | Qvalue<br>100 |

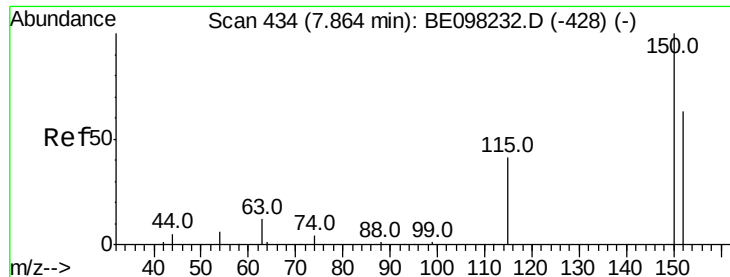
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098249.D

Acq: 19 Nov 2018 12:24

Instrument :

BNA\_E

ClientSampleId :

MW-1-111418

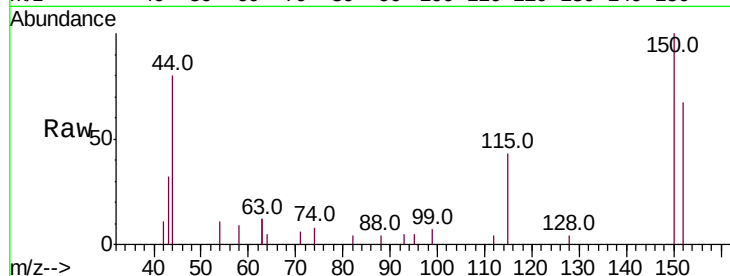
Tot Ion:152 Resp: 1517

Ion Ratio Lower Upper

152 100

150 150.3 127.5 191.3

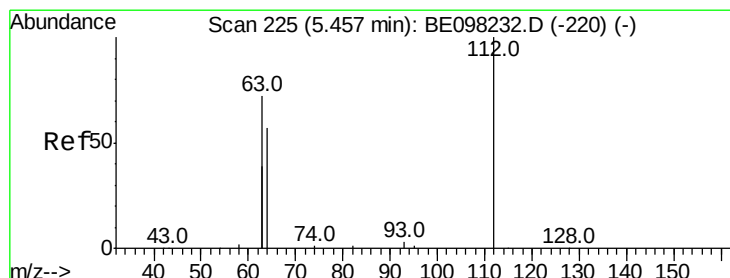
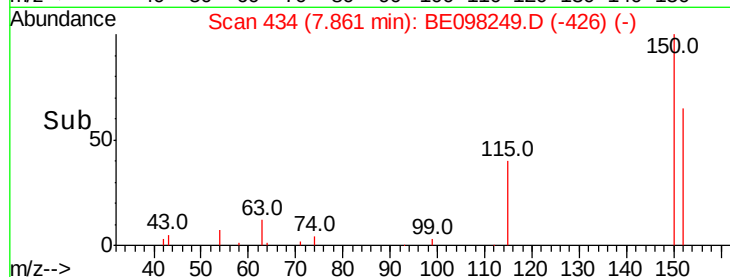
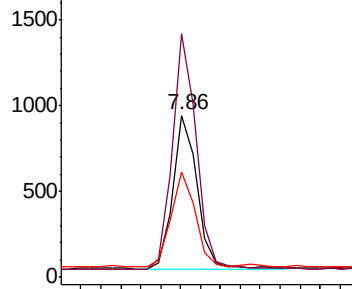
115 65.1 60.3 90.5



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: 0.166 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098249.D

Acq: 19 Nov 2018 12:24

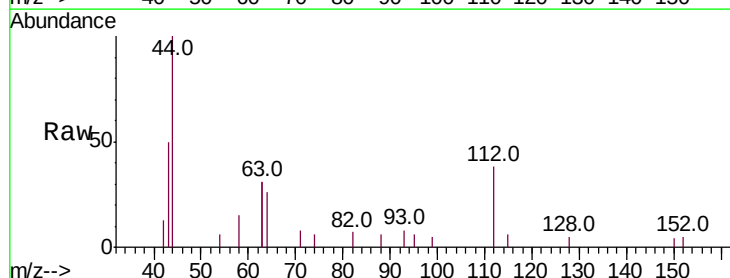
Tgt Ion:112 Resp: 675

Ion Ratio Lower Upper

112 100

64 75.6 61.7 92.5

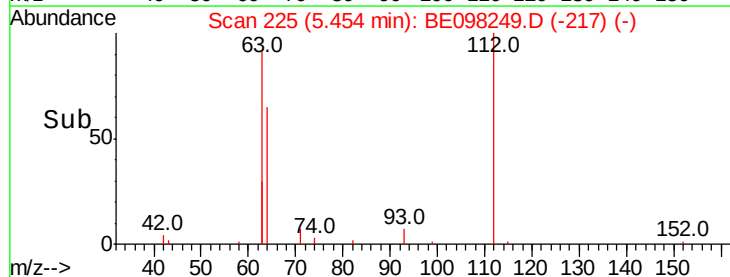
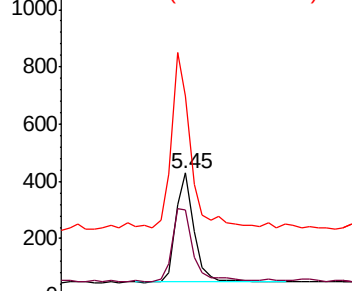
63 165.0 136.2 204.2

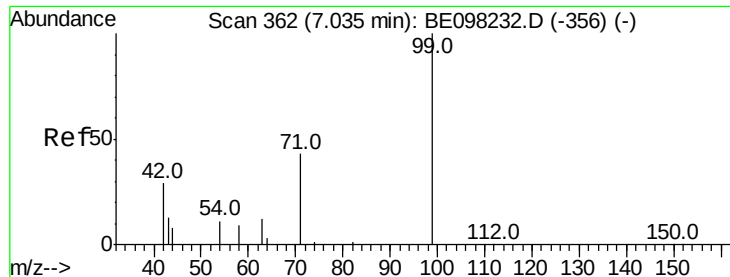


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.097 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE098249.D

Acq: 19 Nov 2018 12:24

Instrument :

BNA\_E

ClientSampleId :

MW-1-111418

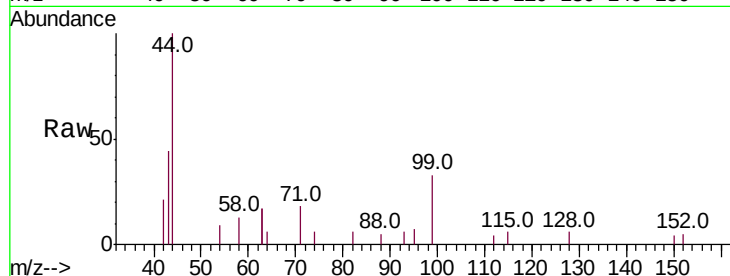
Tot Ion: 99 Resp: 618

Ion Ratio Lower Upper

99 100

42 0.0 27.1 40.7#

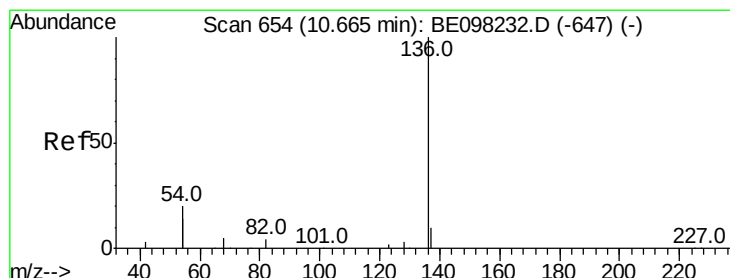
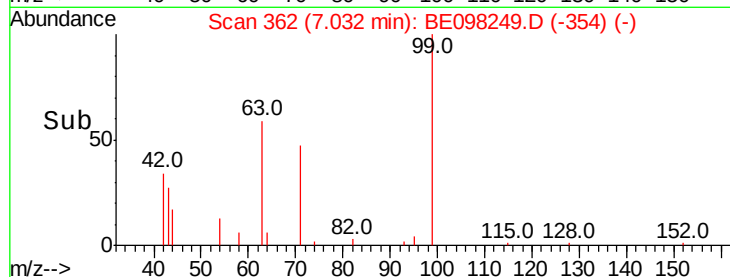
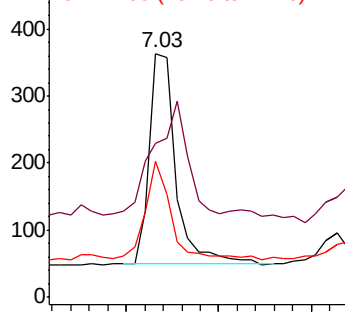
71 46.1 37.0 55.6



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098249.D

Acq: 19 Nov 2018 12:24

Tgt Ion: 136 Resp: 7071

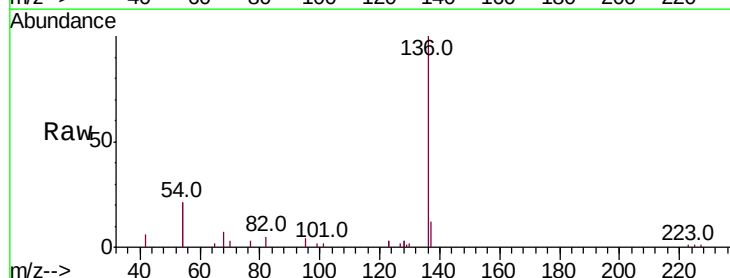
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 41.5 31.3 46.9

68 7.4 4.8 7.2#

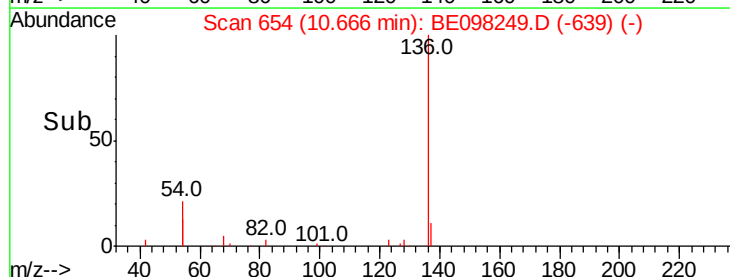
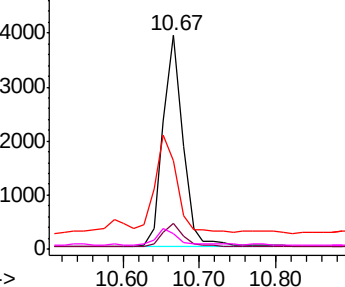


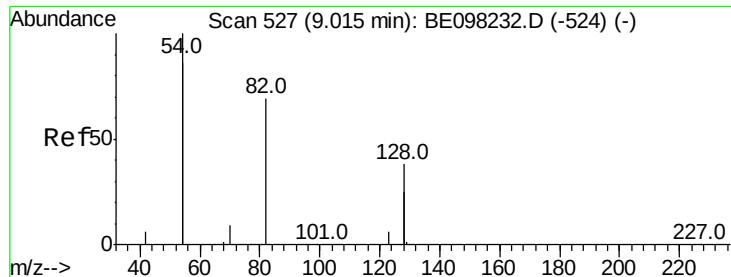
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.405 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098249.D

Acq: 19 Nov 2018 12:24

Instrument :

BNA\_E

ClientSampleId :

MW-1-111418

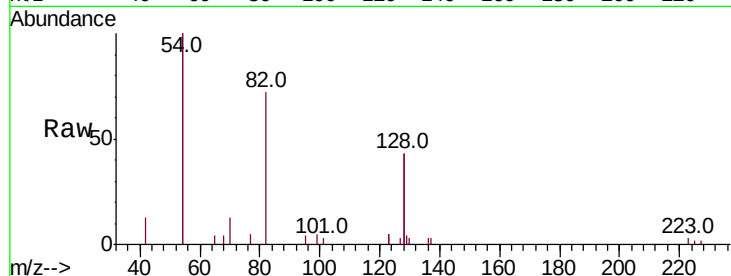
Tot Ion: 82 Resp: 2706

Ion Ratio Lower Upper

82 100

128 119.7 96.1 144.1

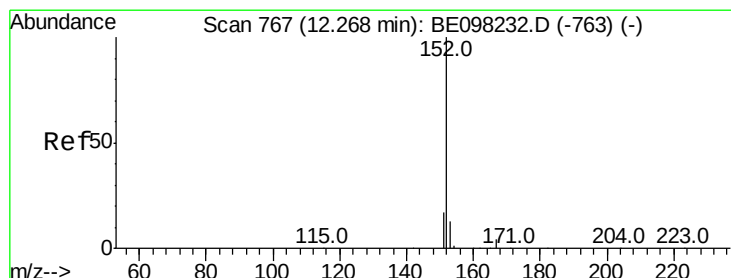
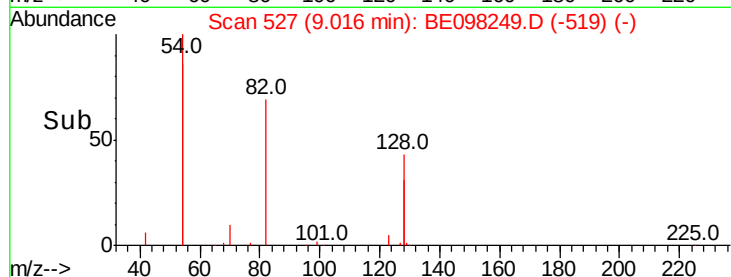
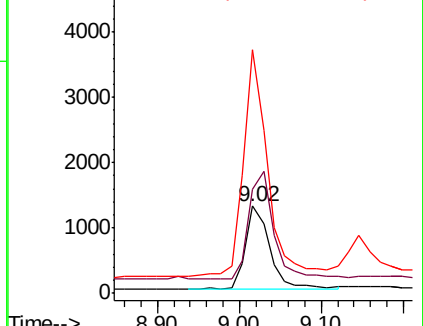
54 278.7 232.0 348.0



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: 0.372 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098249.D

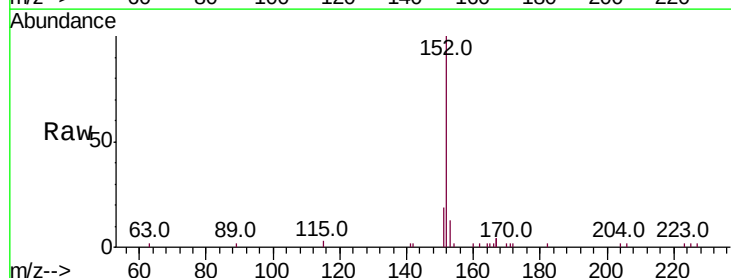
Acq: 19 Nov 2018 12:24

Tgt Ion: 152 Resp: 4613

Ion Ratio Lower Upper

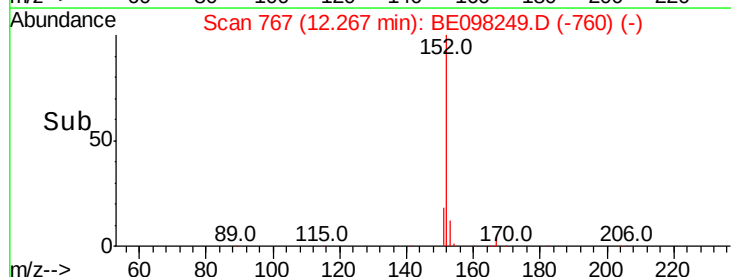
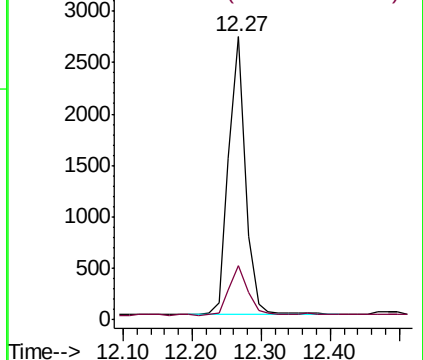
152 100

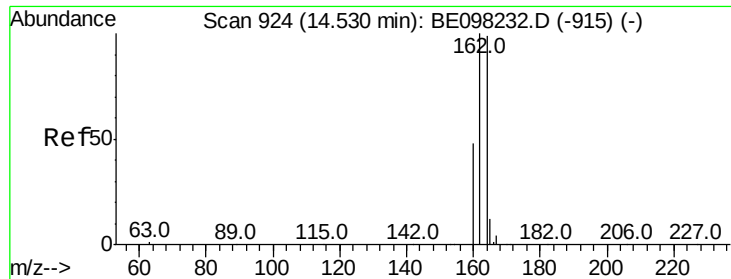
151 19.6 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

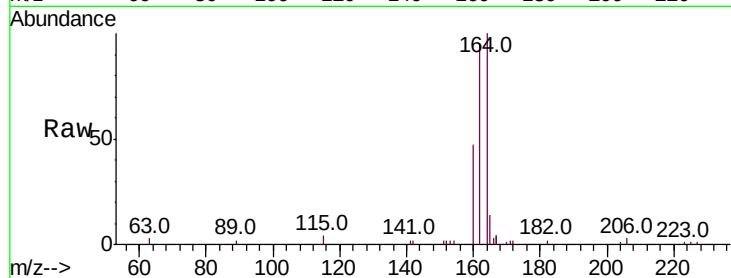




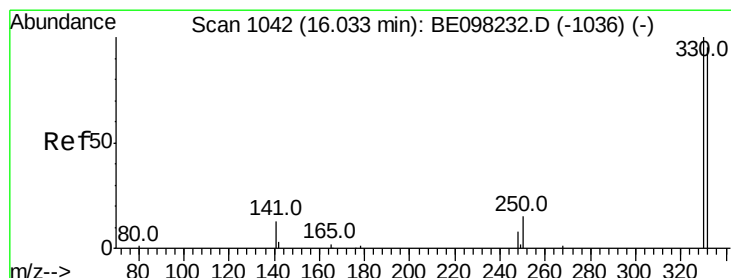
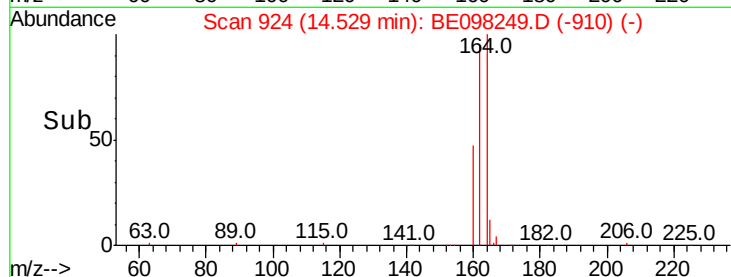
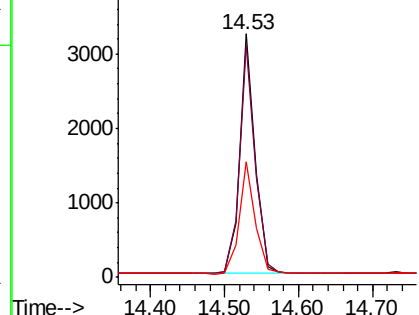
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.53 min Scan# 924  
 Delta R.T. -0.00 min  
 Lab File: BE098249.D  
 Acq: 19 Nov 2018 12:24

Instrument :  
 BNA\_E  
 ClientSampleId :  
 MW-1-111418

Tot Ion:164 Resp: 4654  
 Ion Ratio Lower Upper  
 164 100  
 162 95.3 81.8 122.6  
 160 47.4 39.4 59.0

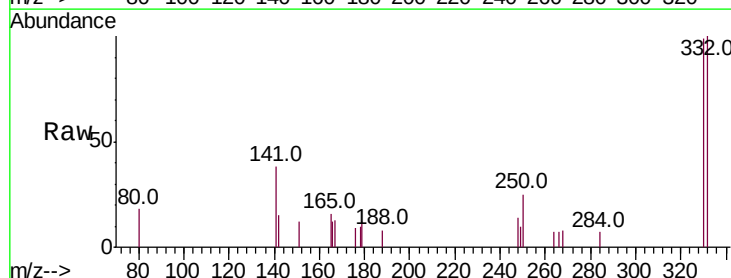


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

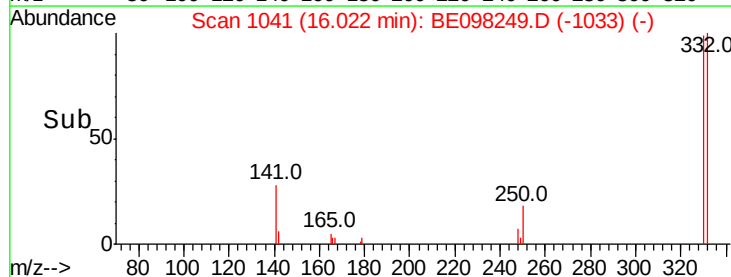
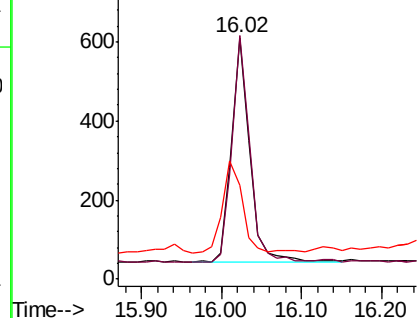


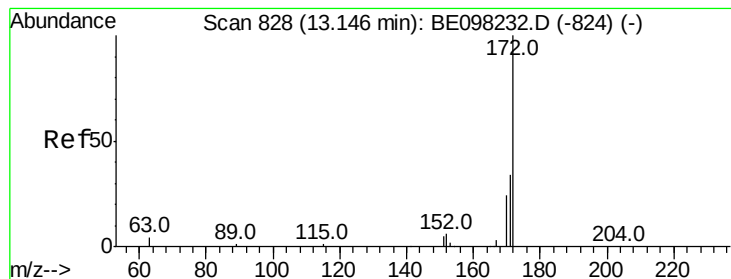
#14  
 2,4,6-Tribromophenol  
 Concen: 0.596 ng  
 RT: 16.02 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BE098249.D  
 Acq: 19 Nov 2018 12:24

Tgt Ion:330 Resp: 894  
 Ion Ratio Lower Upper  
 330 100  
 332 98.3 77.7 116.5  
 141 44.3 33.6 50.4



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

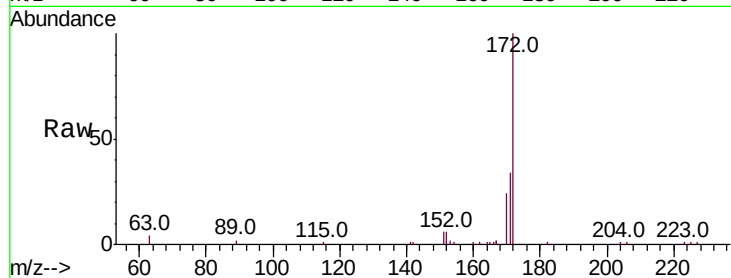




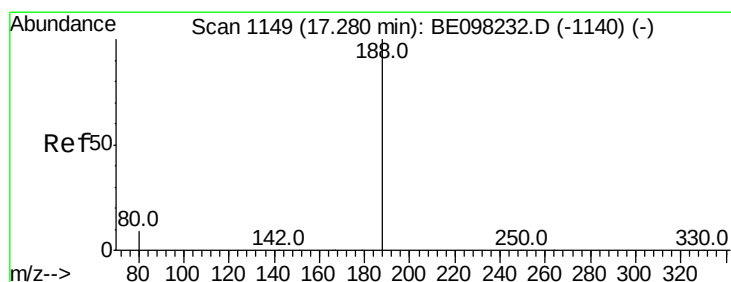
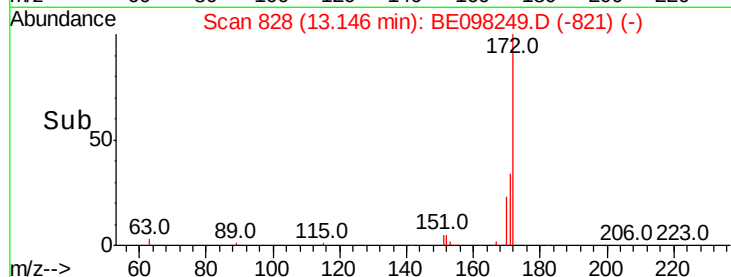
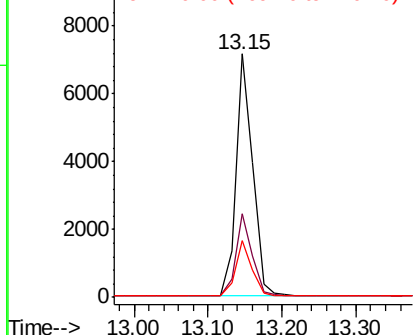
#15  
2-Fluorobiphenyl  
Concen: 0.552 ng  
RT: 13.15 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BE098249.D  
Acq: 19 Nov 2018 12:24

Instrument :  
BNA\_E  
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Tot Ion:172 Resp: 11180  
Ion Ratio Lower Upper  
172 100  
171 34.2 27.3 40.9  
170 23.6 19.4 29.0

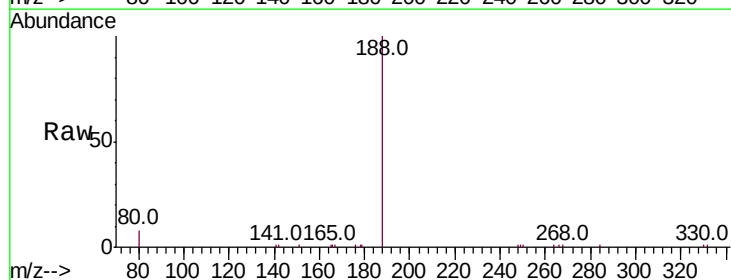


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

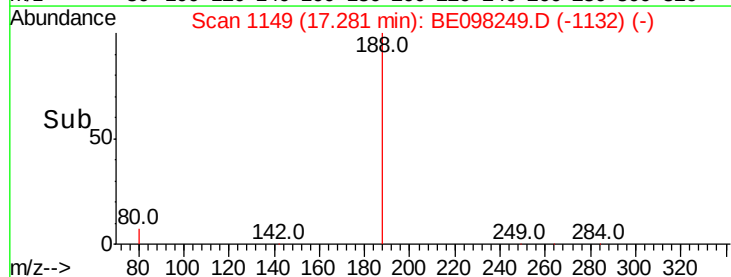
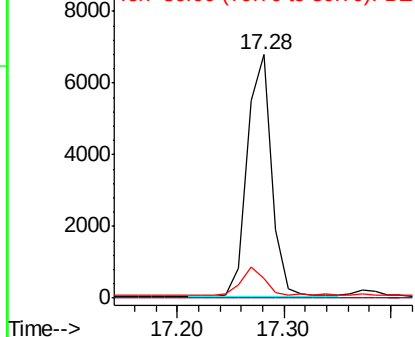


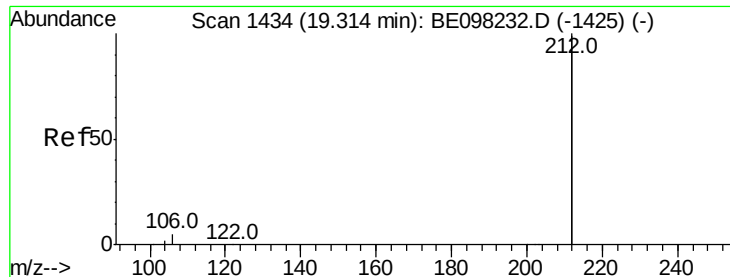
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.28 min Scan# 1149  
Delta R.T. 0.00 min  
Lab File: BE098249.D  
Acq: 19 Nov 2018 12:24

Tgt Ion:188 Resp: 10633  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.1 6.7 10.1



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: 0.422 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098249.D

Acq: 19 Nov 2018 12:24

Instrument :

BNA\_E

ClientSampleId :

MW-1-111418

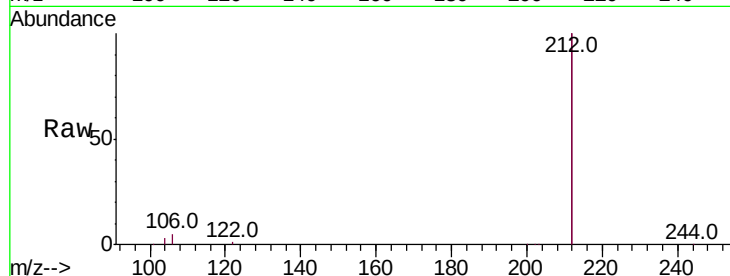
Tot Ion:212 Resp: 54585

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

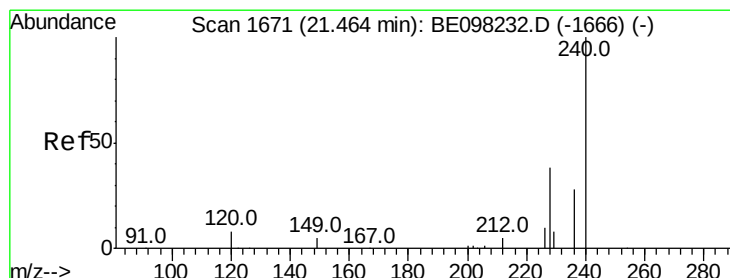
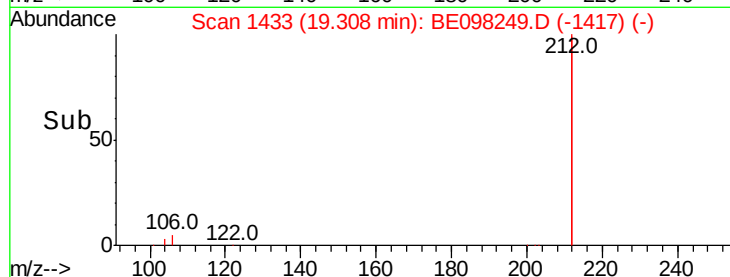
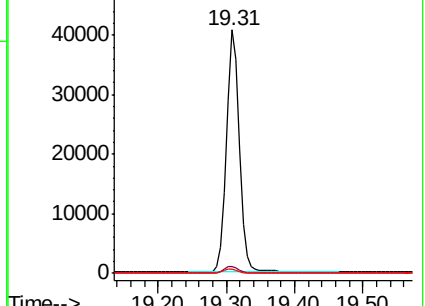
104 1.5 1.1 1.7



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098249.D

Acq: 19 Nov 2018 12:24

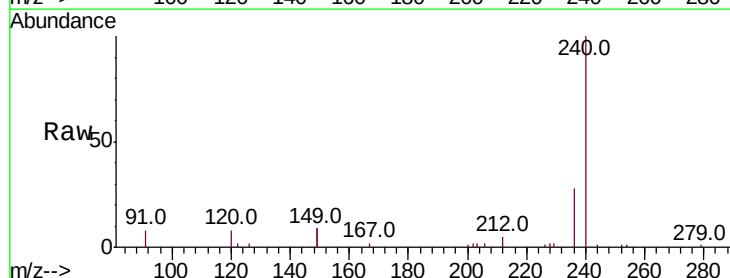
Tgt Ion:240 Resp: 11789

Ion Ratio Lower Upper

240 100

120 8.3 4.8 7.2#

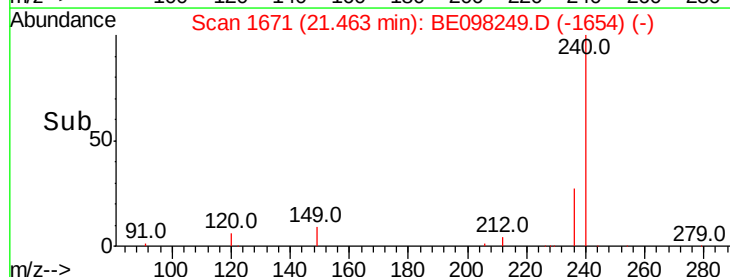
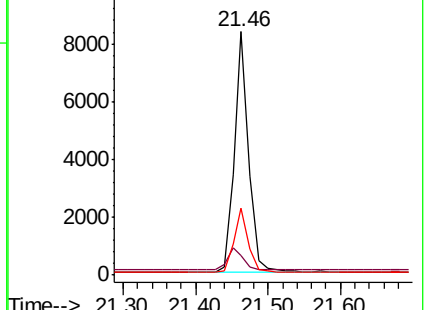
236 27.5 21.4 32.0



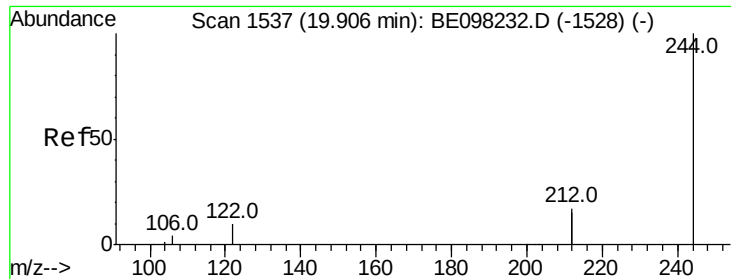
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#29

Terphenyl-d14

Concen: 0.465 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098249.D

Acq: 19 Nov 2018 12:24

Instrument :

BNA\_E

ClientSampleId :

MW-1-111418

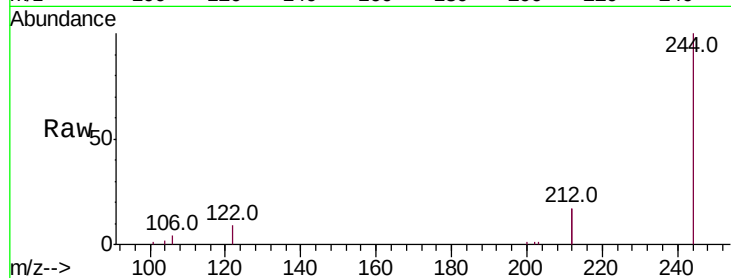
Tot Ion:244 Resp: 12605

Ion Ratio Lower Upper

244 100

212 33.5 26.8 40.2

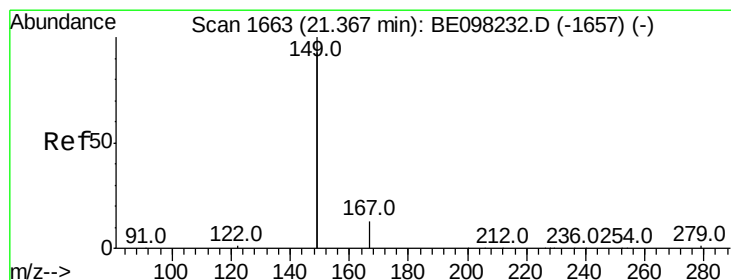
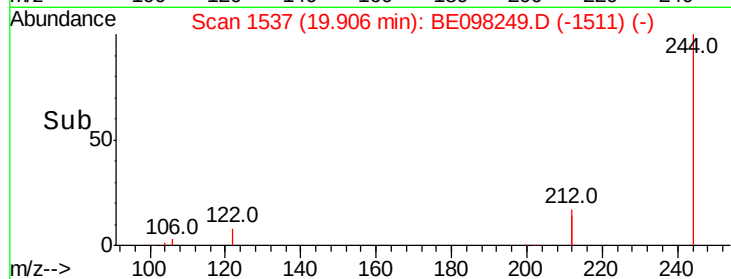
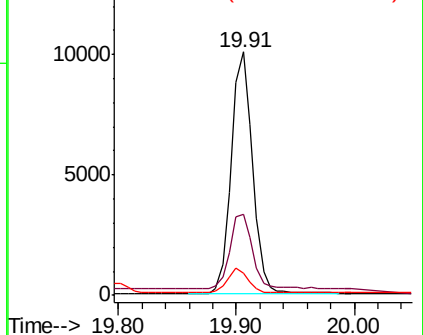
122 9.3 7.0 10.6



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: 0.151 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098249.D

Acq: 19 Nov 2018 12:24

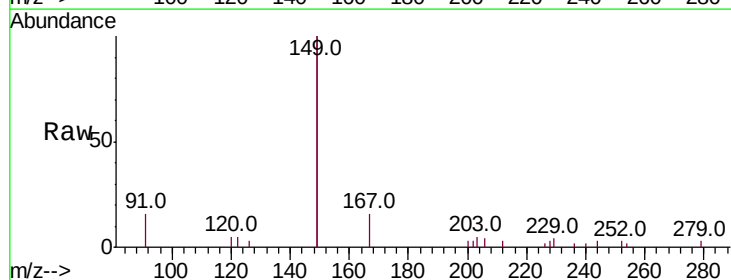
Tgt Ion:149 Resp: 8049

Ion Ratio Lower Upper

149 100

167 7.2 5.6 8.4

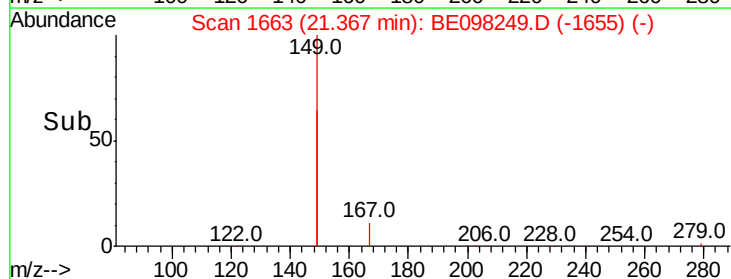
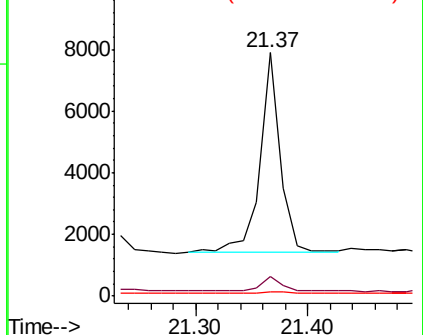
279 1.2 0.9 1.3

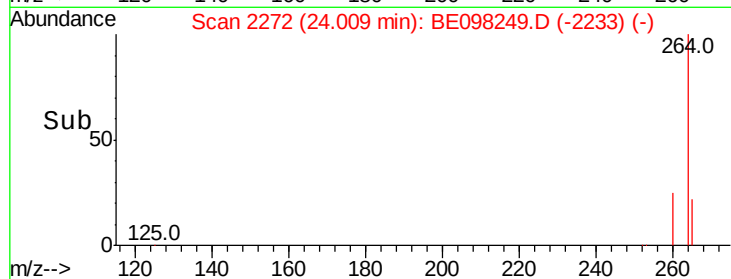
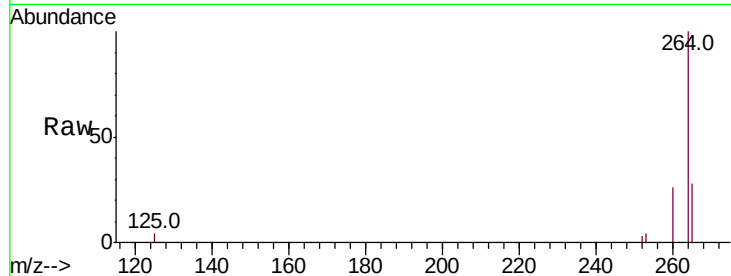
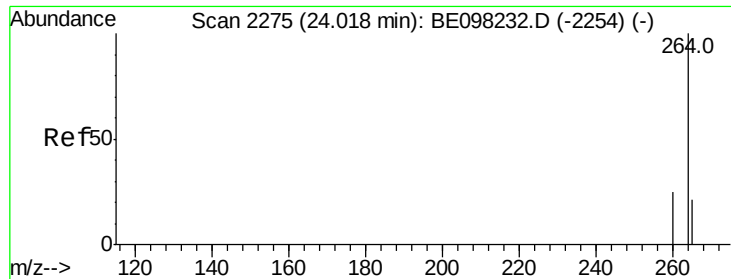


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2272  
 Delta R.T. -0.01 min  
 Lab File: BE098249.D  
 Acq: 19 Nov 2018 12:24

Instrument :  
 BNA\_E  
 ClientSampleId :  
 MW-1-111418

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 264   | Resp: | 11228 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 25.8  | 19.9  | 29.9  |
| 265       | 27.6  | 21.3  | 31.9  |

