

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\  
 Data File : BE098481.D  
 Acq On : 15 Dec 2018 20:36  
 Operator : SJ/JU  
 Sample : J6405-13  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 EB01-20181211

Quant Time: Dec 16 02:55:27 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

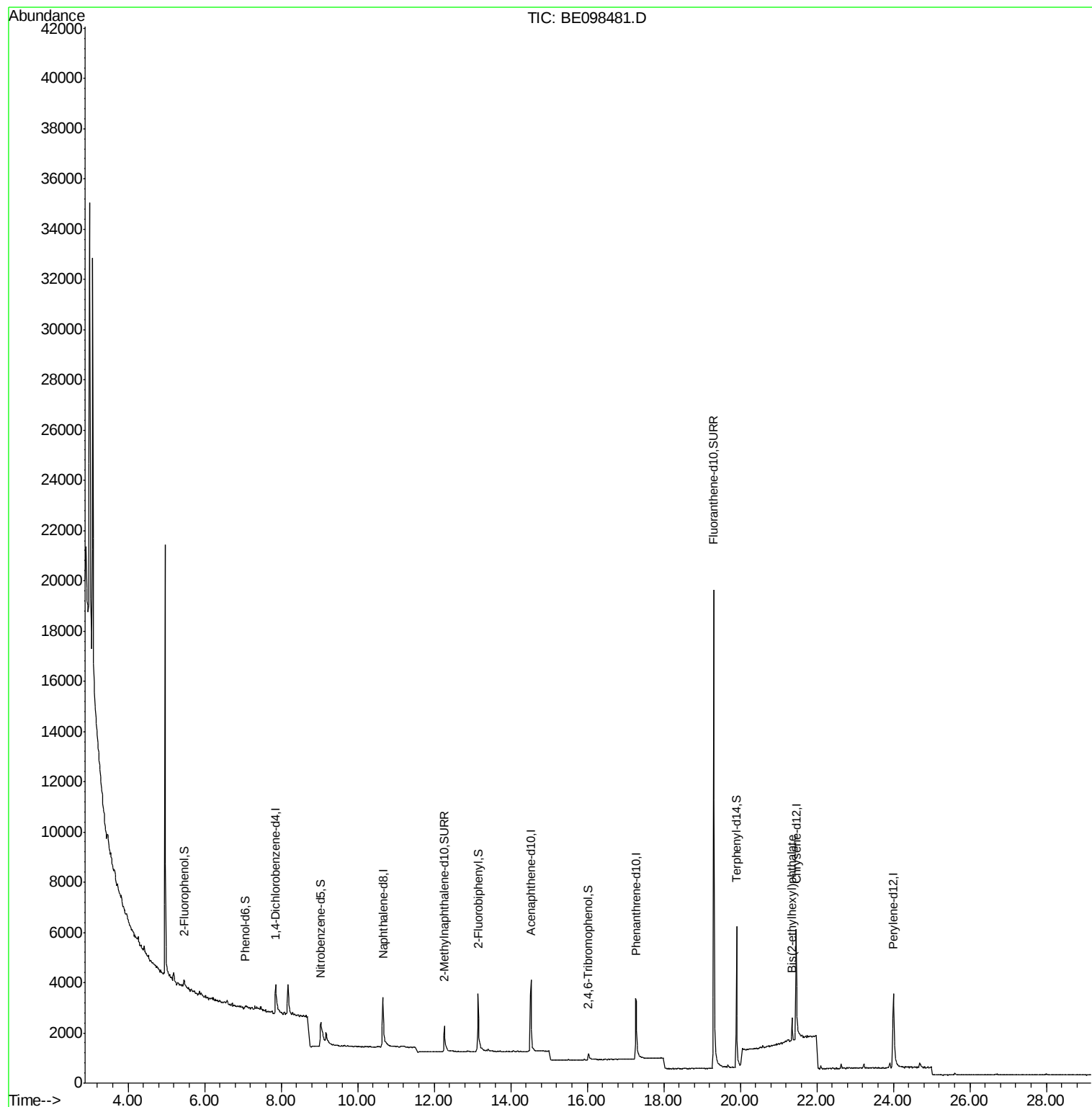
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.86  | 152  | 763      | 0.40  | ng    | 0.00        |
| 7) Naphthalene-d8              | 10.67 | 136  | 3251     | 0.40  | ng    | 0.00        |
| 13) Acenaphthene-d10           | 14.53 | 164  | 2128     | 0.40  | ng    | 0.00        |
| 19) Phenanthrene-d10           | 17.28 | 188  | 5593     | 0.40  | ng    | 0.00        |
| 27) Chrysene-d12               | 21.46 | 240  | 6329     | 0.40  | ng    | 0.00        |
| 34) Perylene-d12               | 24.00 | 264  | 5903     | 0.40  | ng    | -0.01       |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 4) 2-Fluorophenol              | 5.47  | 112  | 334      | 0.19  | ng    | 0.02        |
| 5) Phenol-d6                   | 7.07  | 99   | 198      | 0.08  | ng    | 0.02        |
| 8) Nitrobenzene-d5             | 9.04  | 82   | 840      | 0.28  | ng    | 0.03        |
| 11) 2-Methylnaphthalene-d10    | 12.27 | 152  | 2113     | 0.40  | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol       | 16.03 | 330  | 263      | 0.34  | ng    | 0.01        |
| 15) 2-Fluorobiphenyl           | 13.15 | 172  | 3383     | 0.38  | ng    | 0.00        |
| 25) Fluoranthene-d10           | 19.30 | 212  | 32015    | 0.45  | ng    | 0.00        |
| 29) Terphenyl-d14              | 19.90 | 244  | 6157     | 0.40  | ng    | 0.00        |
| Target Compounds               |       |      |          |       |       |             |
| 32) Bis(2-ethylhexyl)phthalate | 21.35 | 149  | 1224     | 0.033 | ng    | Qvalue # 99 |

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

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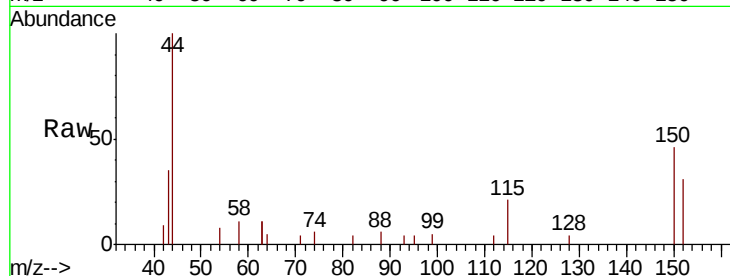


#1

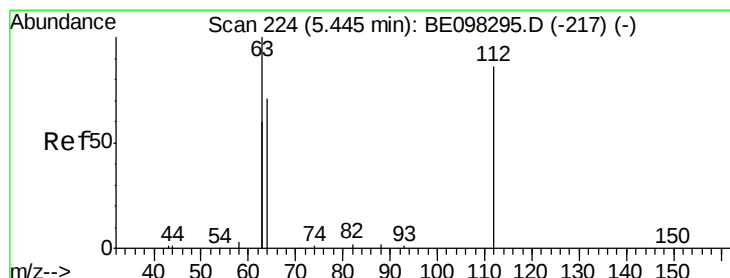
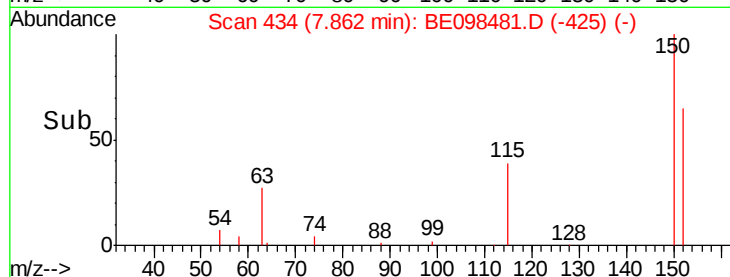
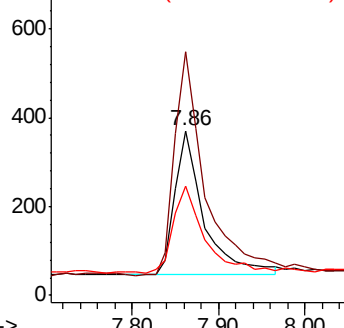
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.86 min Scan# 434  
Delta R.T. -0.00 min  
Lab File: BE098481.D  
Acq: 15 Dec 2018 20:36

Instrument :  
BNA\_E  
ClientSampleId :  
EB01-20181211

Tot Ion:152 Resp: 763  
Ion Ratio Lower Upper  
152 100  
150 148.1 124.2 186.4  
115 66.5 53.9 80.9



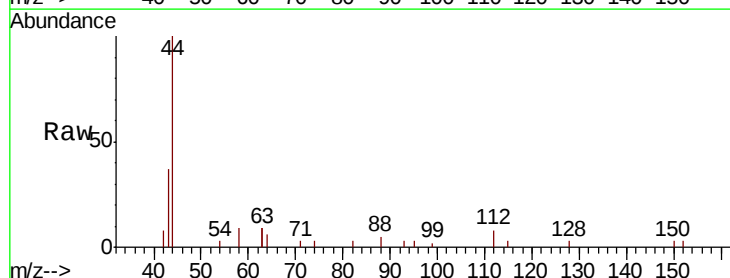
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



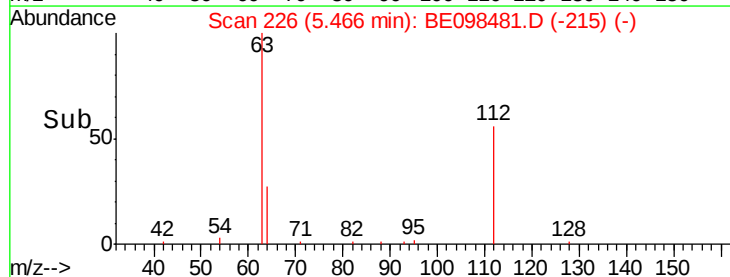
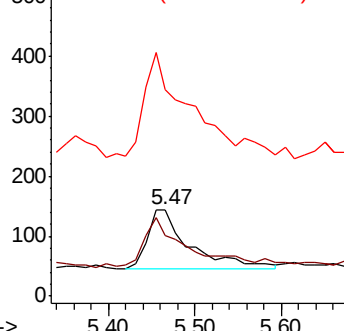
#4

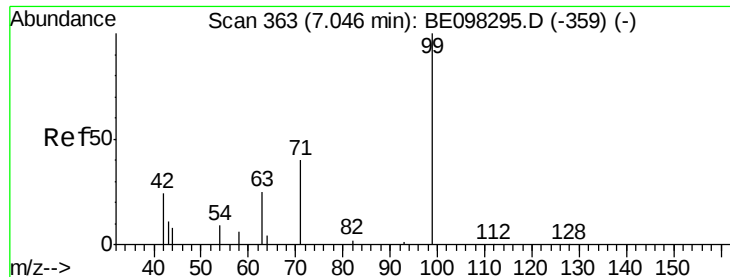
2-Fluorophenol  
Concen: 0.187 ng  
RT: 5.47 min Scan# 226  
Delta R.T. 0.02 min  
Lab File: BE098481.D  
Acq: 15 Dec 2018 20:36

Tgt Ion:112 Resp: 334  
Ion Ratio Lower Upper  
112 100  
64 87.4 59.8 89.8  
63 209.3 133.7 200.5#



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: 0.078 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

Instrument :

BNA\_E

ClientSampleId :

EB01-20181211

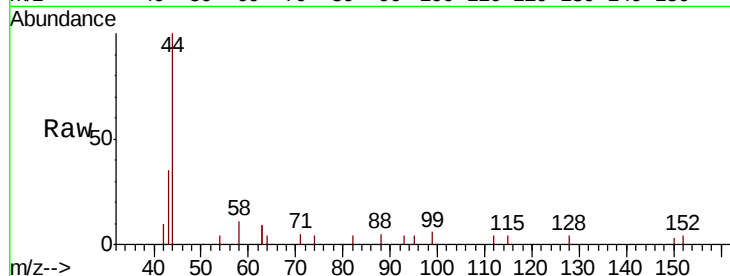
Tot Ion: 99 Resp: 198

Ion Ratio Lower Upper

99 100

42 32.3 26.3 39.5

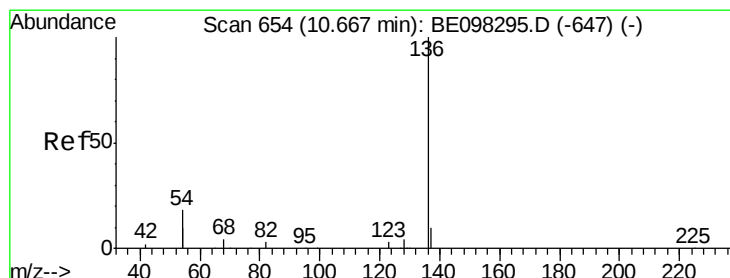
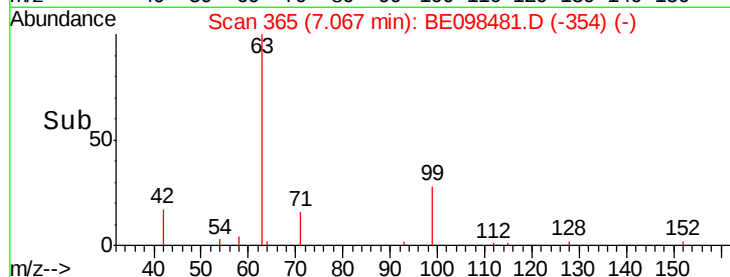
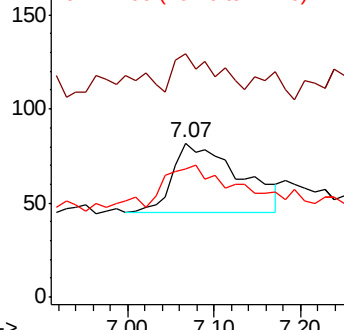
71 69.7 33.6 50.4#



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

Tgt Ion: 136 Resp: 3251

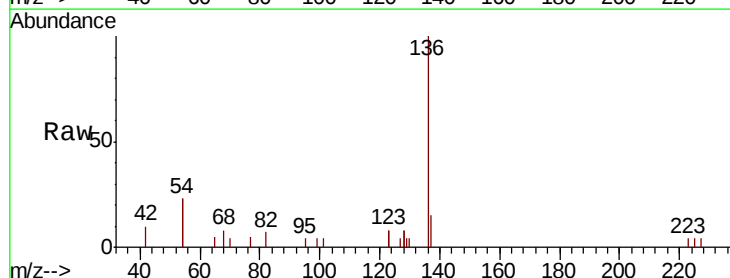
Ion Ratio Lower Upper

136 100

137 15.3 9.2 13.8#

54 46.6 28.4 42.6#

68 8.1 5.4 8.0#

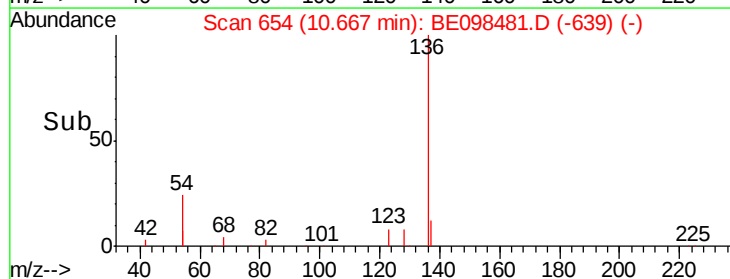
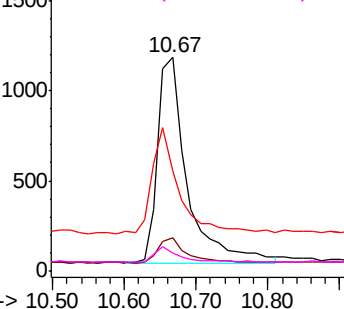


Abundance Ion 136.00 (135.70 to 136.70): E

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

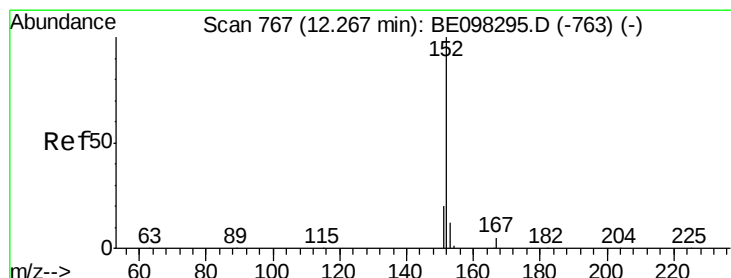
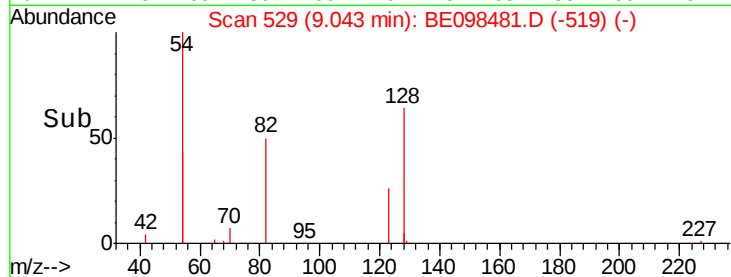
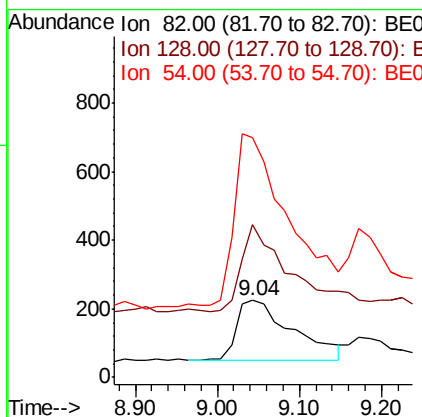
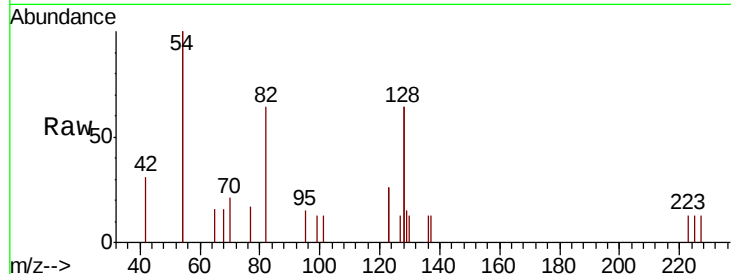




#8  
 Nitrobenzene-d5  
 Concen: 0.284 ng  
 RT: 9.04 min Scan# 529  
 Delta R.T. 0.03 min  
 Lab File: BE098481.D  
 Acq: 15 Dec 2018 20:36

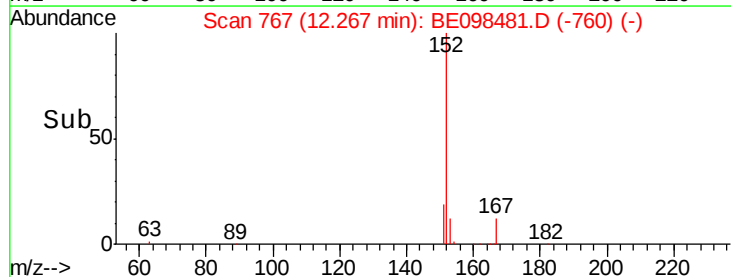
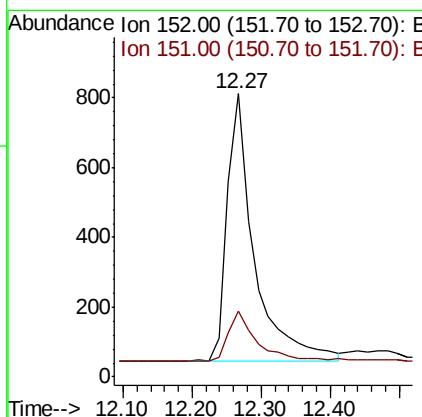
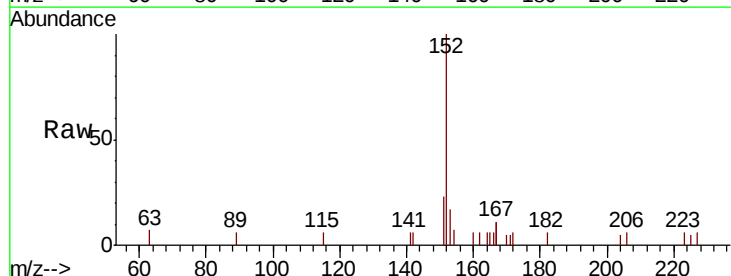
Instrument :  
 BNA\_E  
 ClientSampleId :  
 EB01-20181211

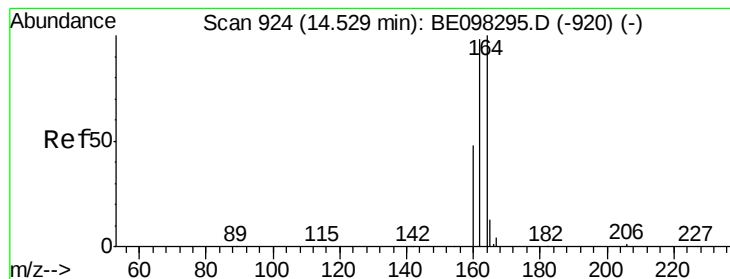
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 199.1 | 102.4 | 153.6 |
| 54      | 311.6 | 221.8 | 332.8 |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.400 ng  
 RT: 12.27 min Scan# 767  
 Delta R.T. 0.00 min  
 Lab File: BE098481.D  
 Acq: 15 Dec 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 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: BE098481.D

Acq: 15 Dec 2018 20:36

Instrument :

BNA\_E

ClientSampleId :

EB01-20181211

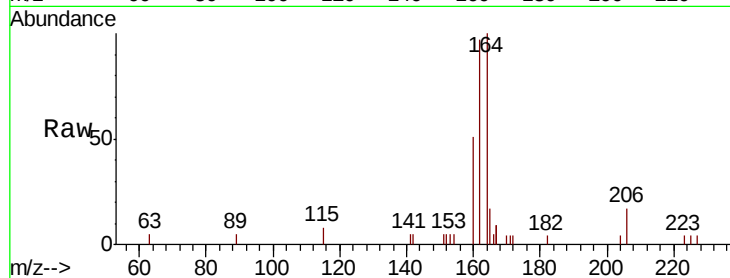
Tot Ion:164 Resp: 2128

Ion Ratio Lower Upper

164 100

162 97.5 77.6 116.4

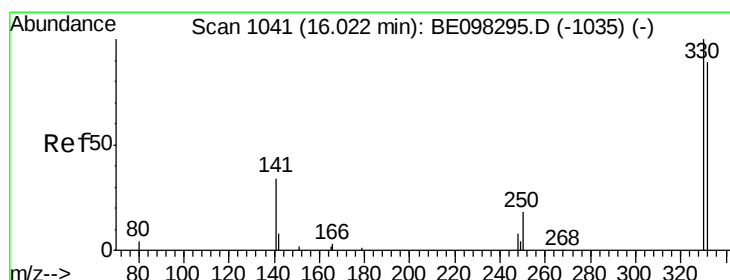
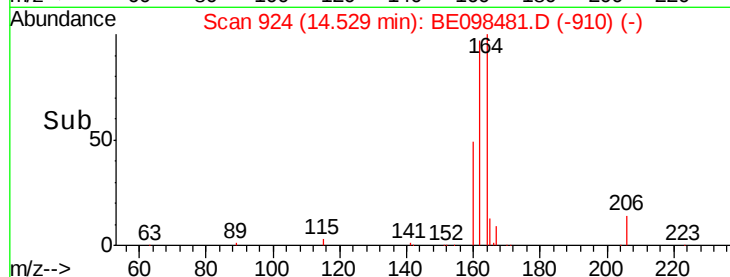
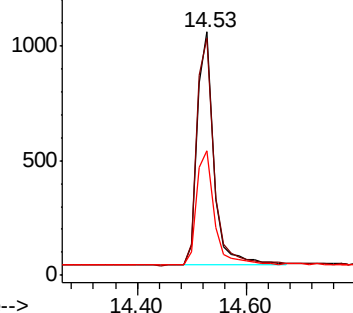
160 51.4 36.0 54.0



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: 0.337 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

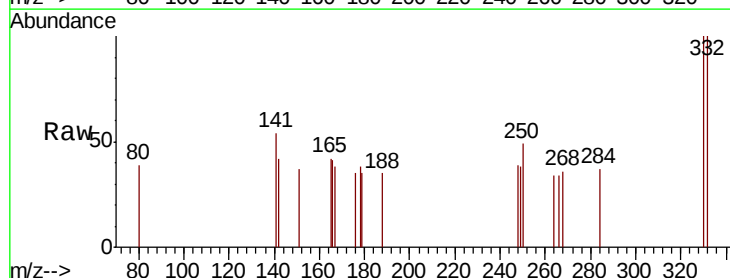
Tgt Ion:330 Resp: 263

Ion Ratio Lower Upper

330 100

332 92.8 76.2 114.4

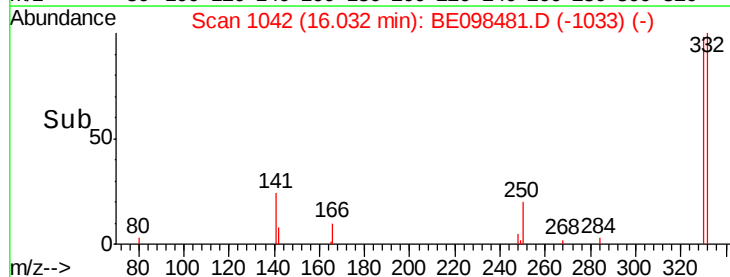
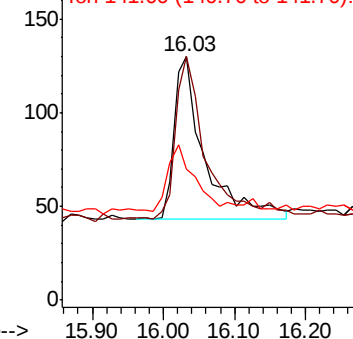
141 35.0 39.0 58.4#

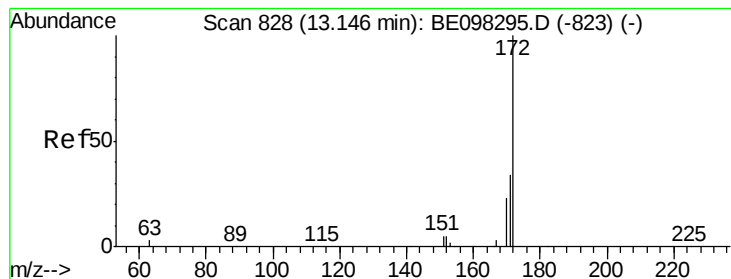


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

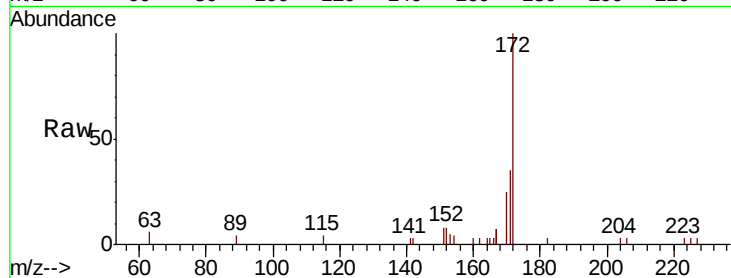




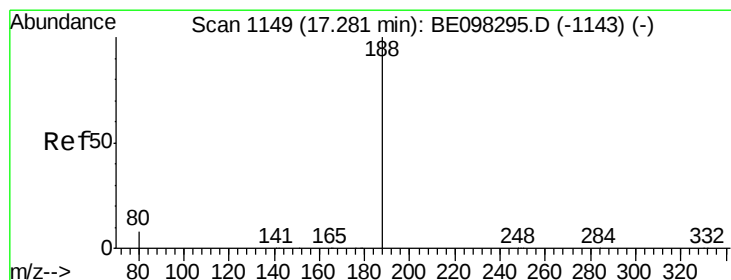
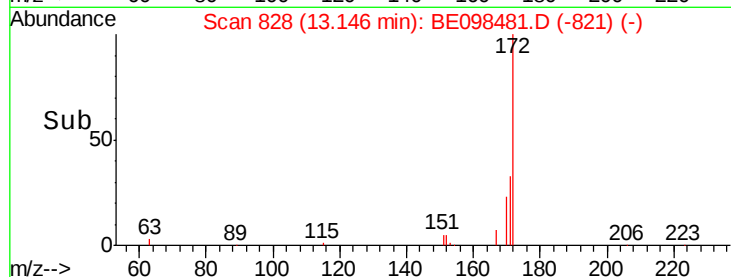
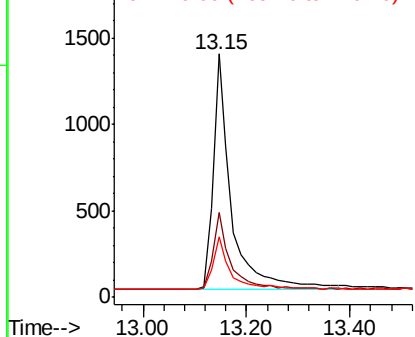
#15  
2-Fluorobiphenyl  
Concen: 0.377 ng  
RT: 13.15 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BE098481.D  
Acq: 15 Dec 2018 20:36

Instrument :  
BNA\_E  
ClientSampleId :  
EB01-20181211

Tot Ion:172 Resp: 3383  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.5 41.3  
170 25.0 19.6 29.4

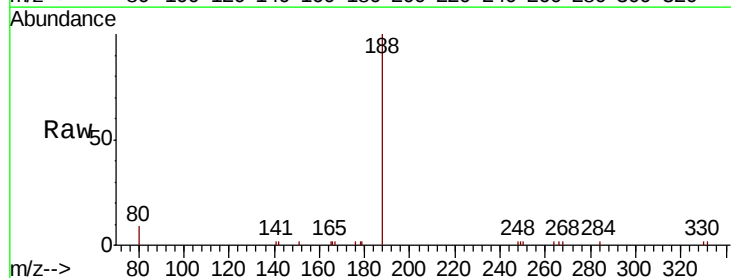


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

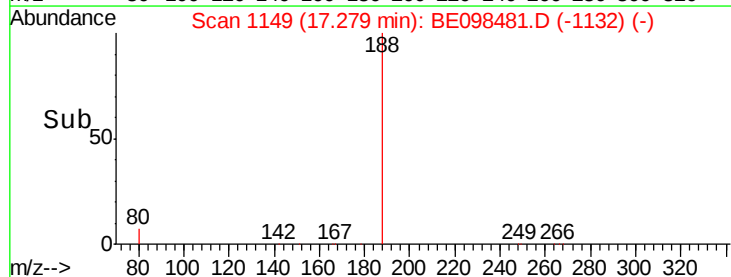
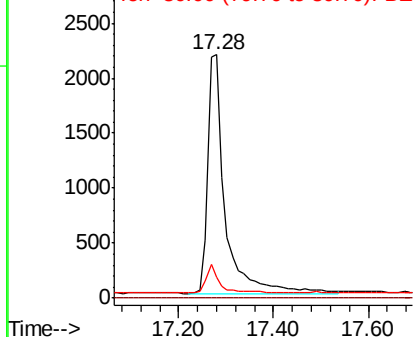


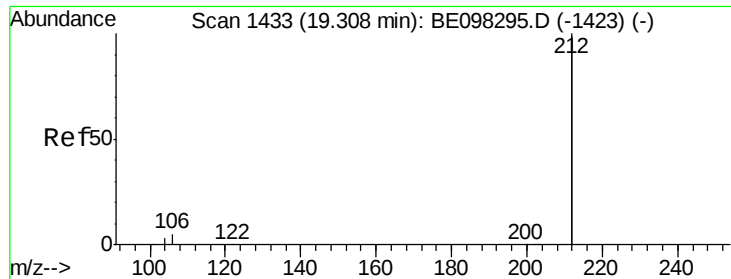
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.28 min Scan# 1149  
Delta R.T. -0.00 min  
Lab File: BE098481.D  
Acq: 15 Dec 2018 20:36

Tgt Ion:188 Resp: 5593  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.8 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: 0.446 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

Instrument :

BNA\_E

ClientSampleId :

EB01-20181211

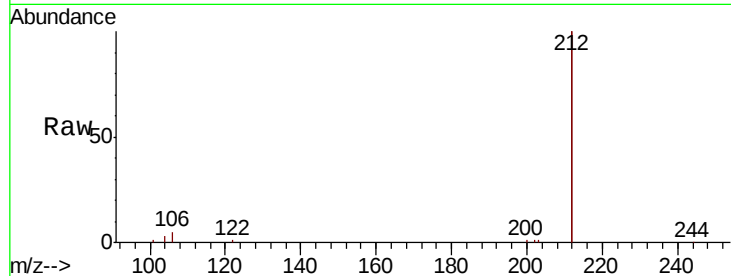
Tot Ion:212 Resp: 32015

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

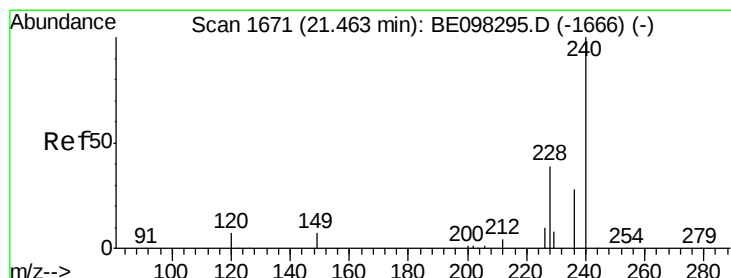
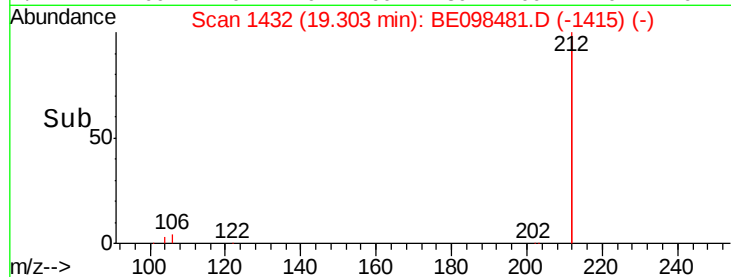
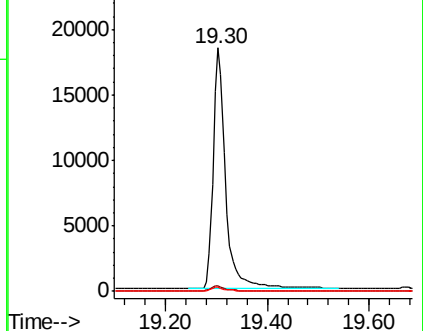
104 1.3 1.3 1.9



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: BE098481.D

Acq: 15 Dec 2018 20:36

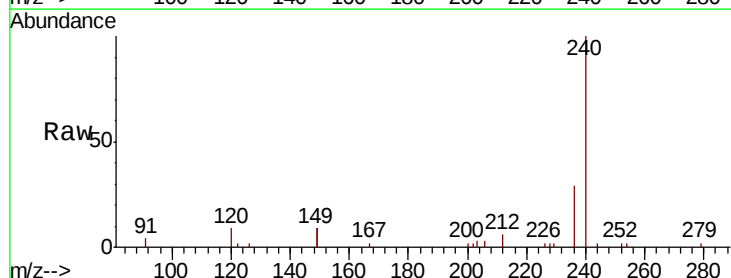
Tgt Ion:240 Resp: 6329

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

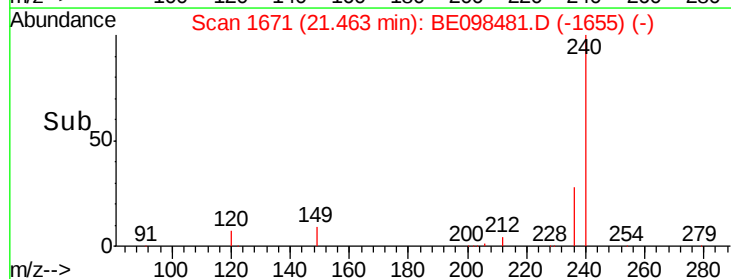
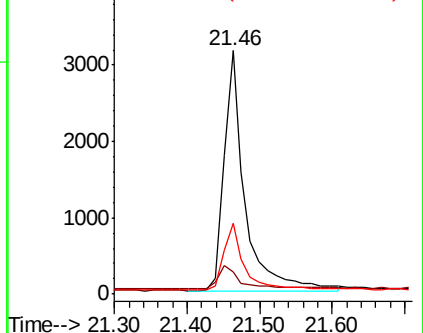
236 29.1 22.7 34.1

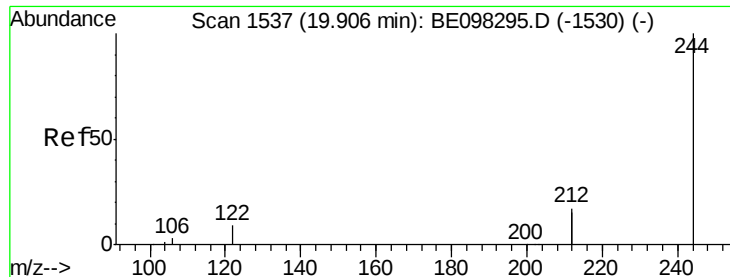


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

Instrument :

BNA\_E

ClientSampleId :

EB01-20181211

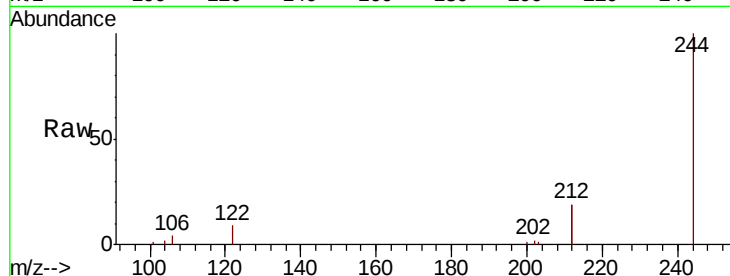
Tot Ion:244 Resp: 6157

Ion Ratio Lower Upper

244 100

212 38.9 27.4 41.0

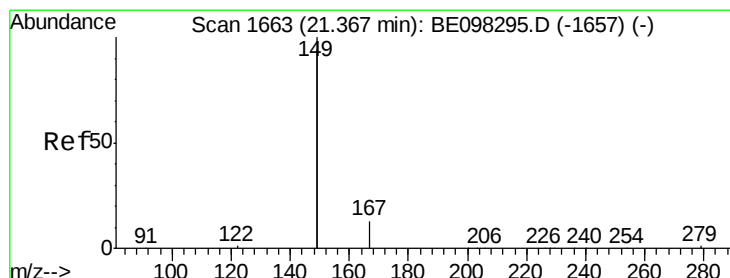
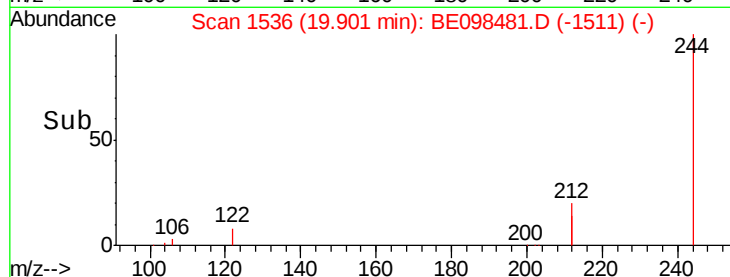
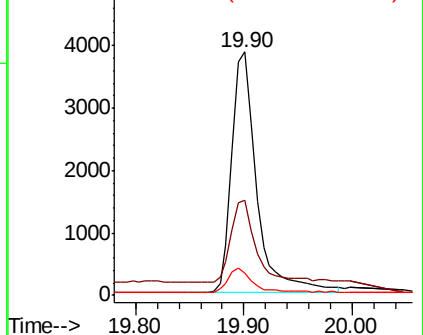
122 9.0 8.3 12.5



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: 0.033 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

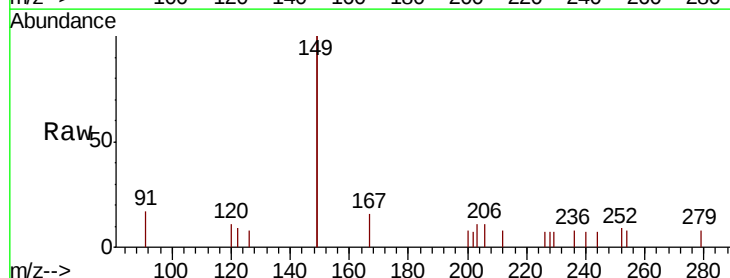
Tgt Ion:149 Resp: 1224

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

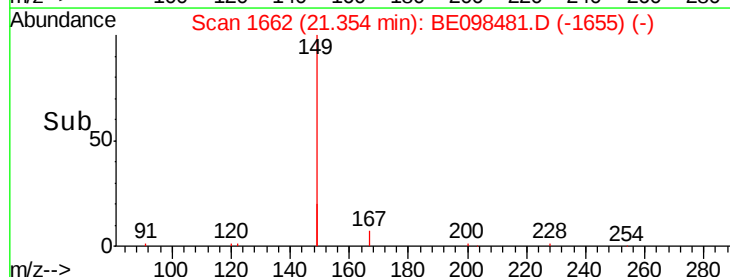
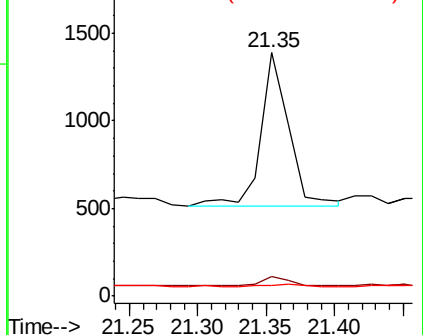
279 2.9 1.0 1.4#

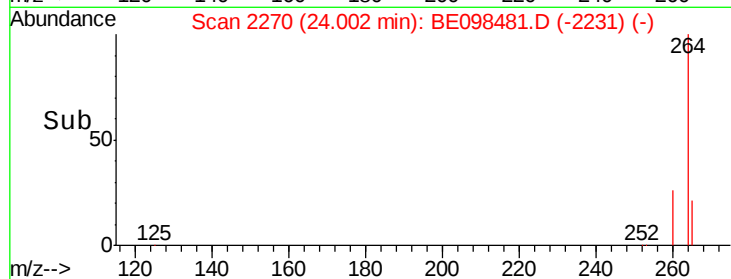
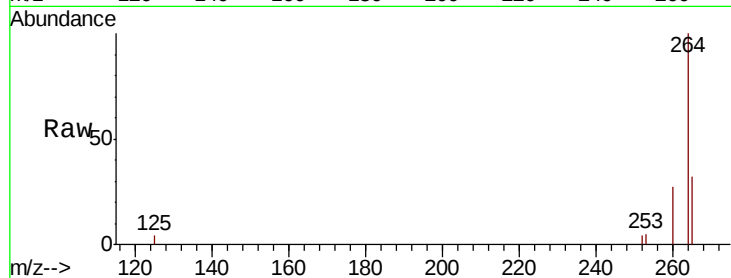
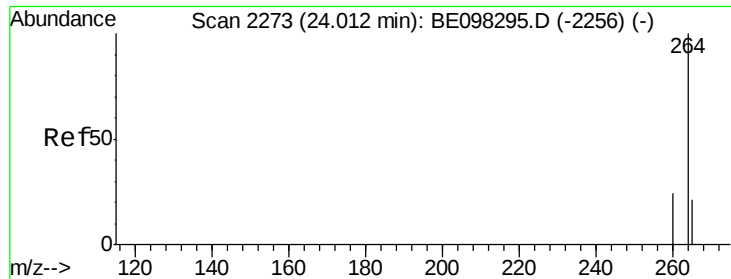


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.00 min Scan# 2270  
 Delta R.T. -0.01 min  
 Lab File: BE098481.D  
 Acq: 15 Dec 2018 20:36

Instrument :  
 BNA\_E  
 ClientSampleId :  
 EB01-20181211

Tot Ion: 264 Resp: 5903  
 Ion Ratio Lower Upper  
 264 100  
 260 27.3 20.2 30.2  
 265 31.8 25.2 37.8

