

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\  
 Data File : BE099769.D  
 Acq On : 28 May 2019 22:33  
 Operator : JU/SJ  
 Sample : K2966-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 FB-20190520

Quant Time: May 29 04:52:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 20 19:29:40 2019  
 Response via : Initial Calibration

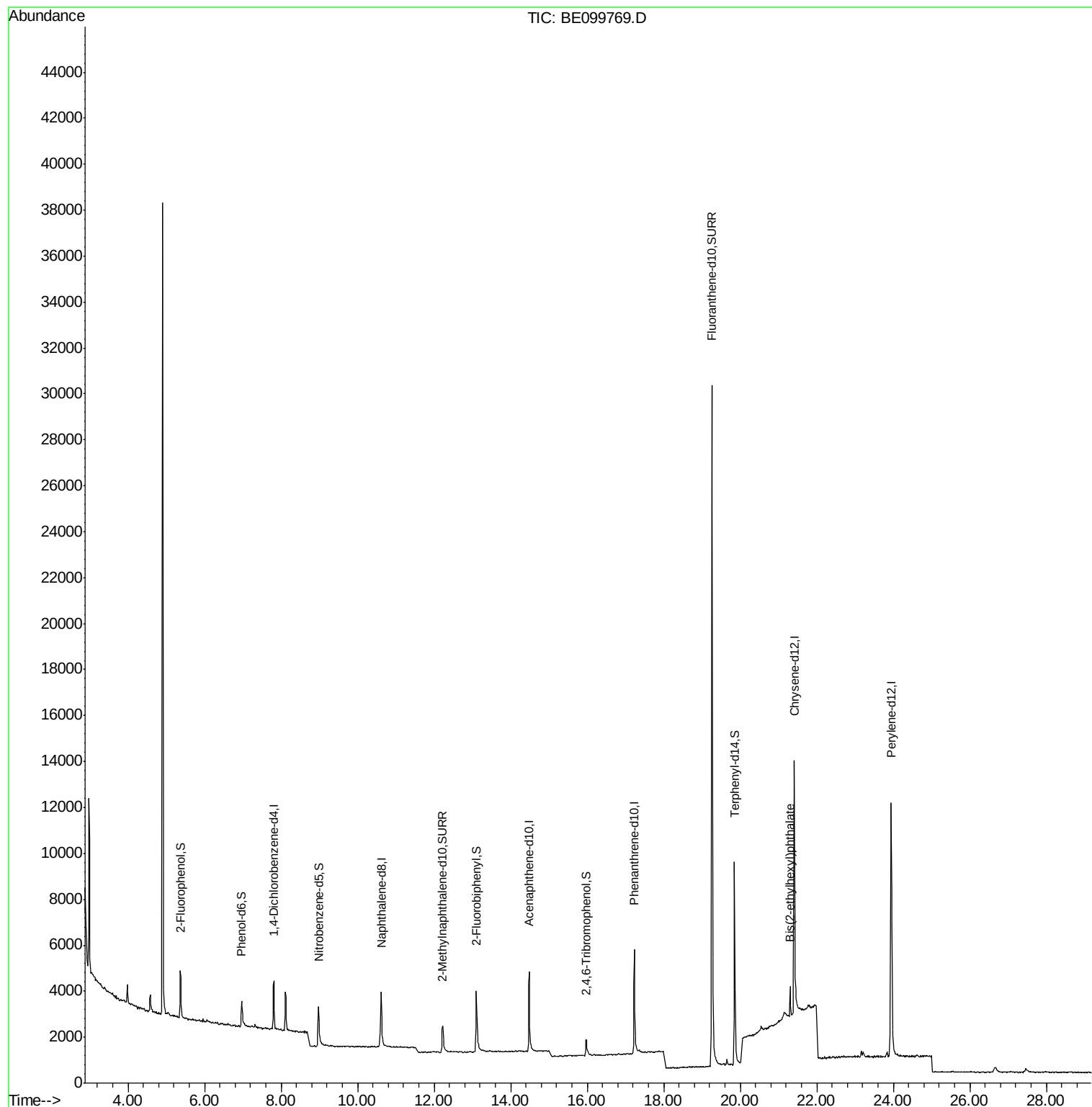
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.81  | 152  | 1200     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.61 | 136  | 4137     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.49 | 164  | 2985     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.23 | 188  | 9052     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.41 | 240  | 15274    | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.94 | 264  | 18545    | 0.40  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.38  | 112  | 1312     | 0.43  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.97  | 99   | 1769     | 0.44  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.98  | 82   | 1164     | 0.33  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.22 | 152  | 2461     | 0.34  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.98 | 330  | 777      | 0.47  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.10 | 172  | 3770     | 0.33  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.26 | 212  | 47947    | 0.39  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.85 | 244  | 10530    | 0.39  | ng    | -0.02    |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149  | 1452     | 0.029 | ng    | # 96     |

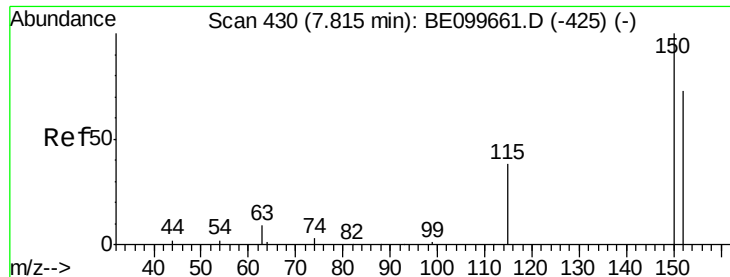
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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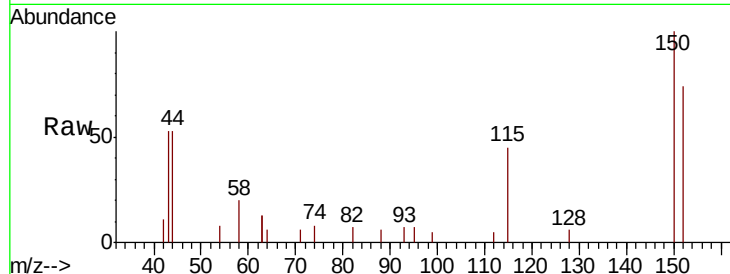


#1

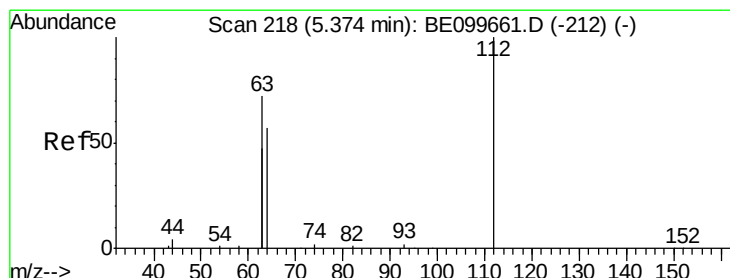
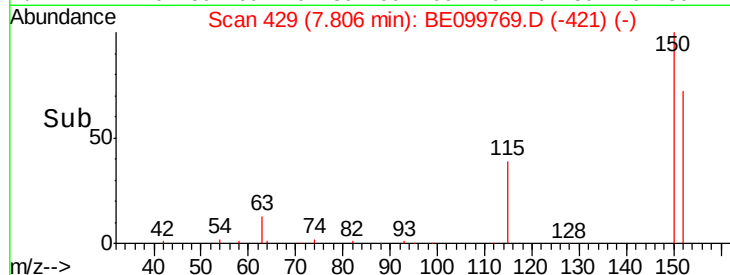
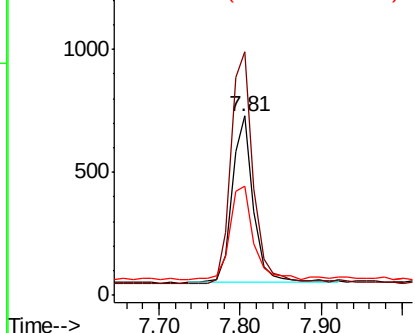
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.81 min Scan# 429  
Delta R.T. -0.01 min  
Lab File: BE099769.D  
Acq: 28 May 2019 22:33

Instrument :  
BNA\_E  
ClientSampleId :  
FB-20190520

Tot Ion:152 Resp: 1200  
Ion Ratio Lower Upper  
152 100  
150 136.0 109.2 163.8  
115 60.7 43.7 65.5



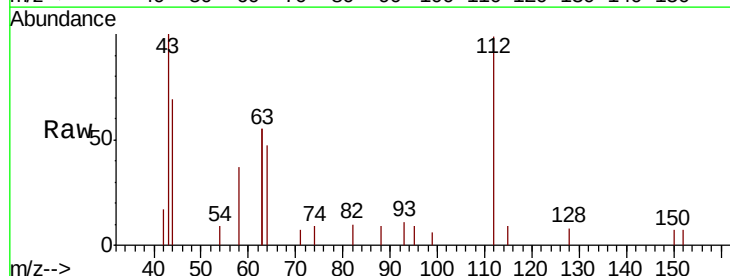
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



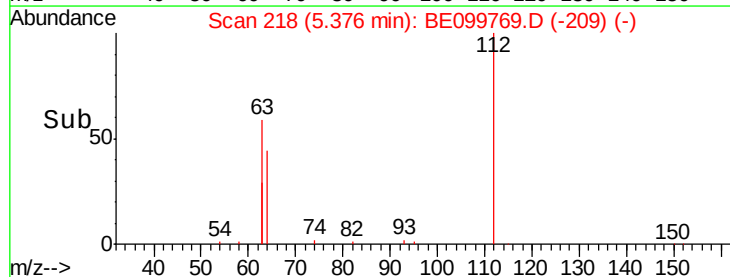
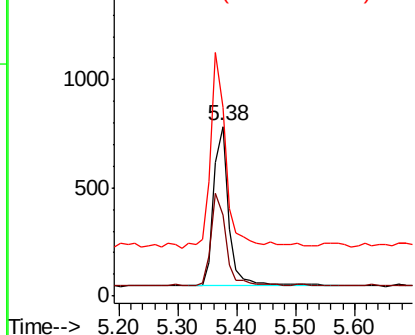
#4

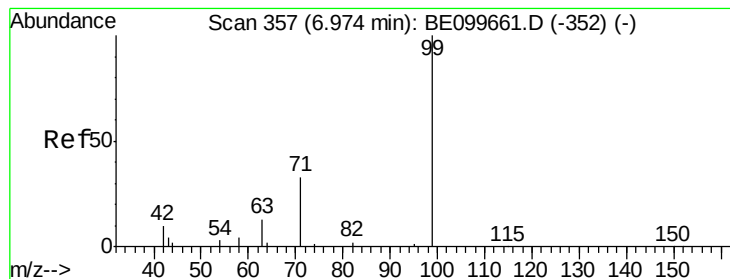
2-Fluorophenol  
Concen: 0.433 ng  
RT: 5.38 min Scan# 218  
Delta R.T. 0.00 min  
Lab File: BE099769.D  
Acq: 28 May 2019 22:33

Tgt Ion:112 Resp: 1312  
Ion Ratio Lower Upper  
112 100  
64 57.0 43.4 65.2  
63 122.7 96.9 145.3



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: 0.441 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA\_E

ClientSampleId :

FB-20190520

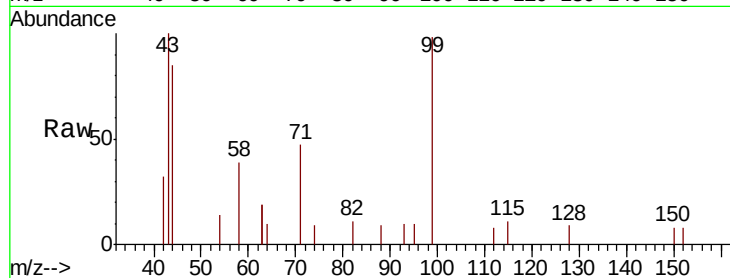
Tot Ion: 99 Resp: 1769

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.2

71 38.0 28.9 43.3



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

6.97

800

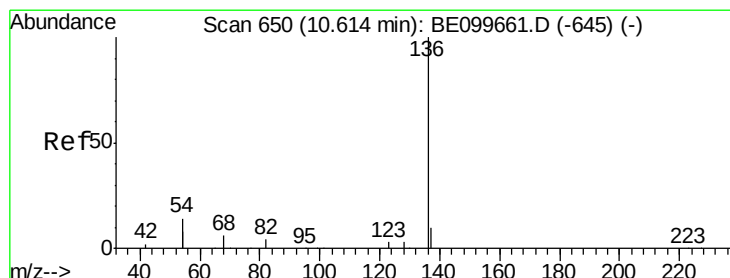
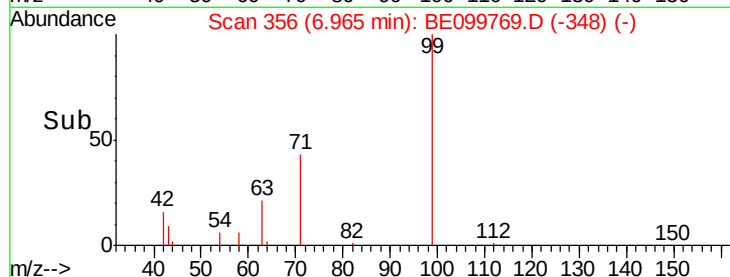
600

400

200

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Tgt Ion: 136 Resp: 4137

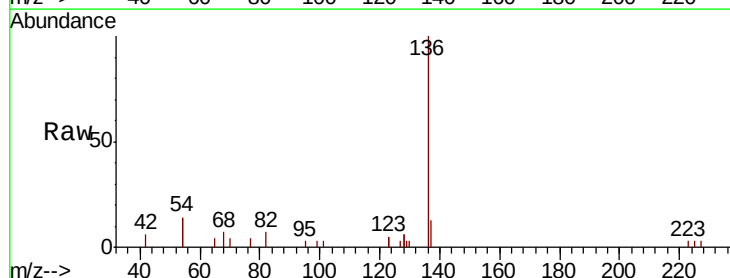
Ion Ratio Lower Upper

136 100

137 13.3 9.0 13.6

54 27.3 22.3 33.5

68 7.4 6.0 9.0



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

2500

2000

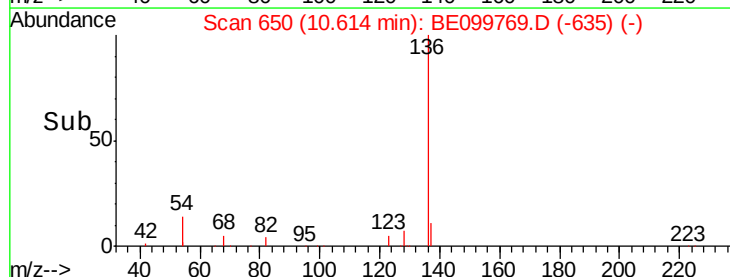
1500

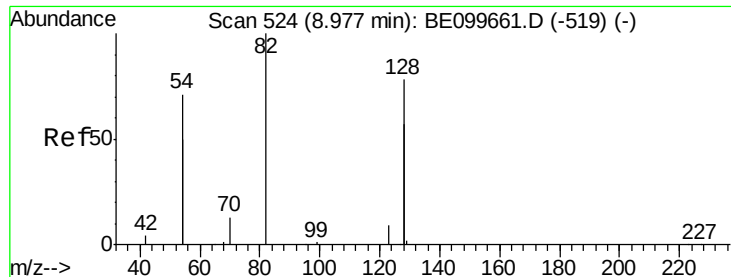
1000

500

0

Time-->

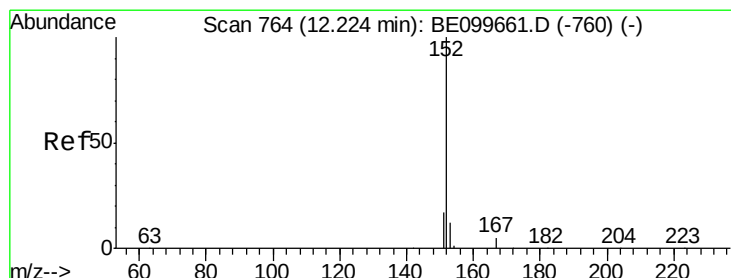
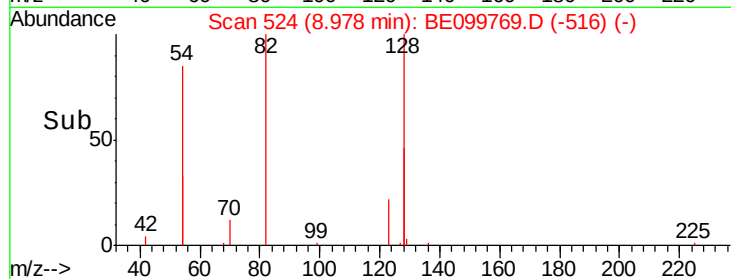
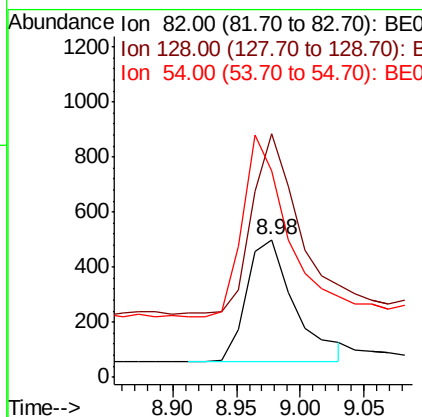
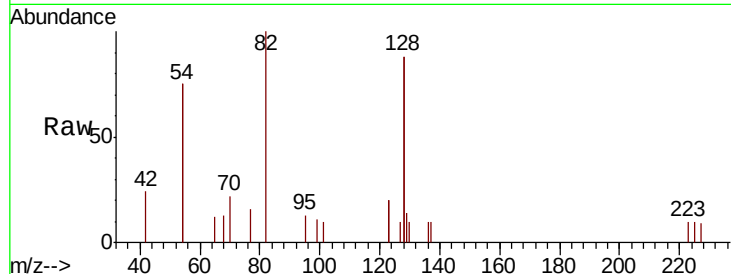




#8  
 Nitrobenzene-d5  
 Concen: 0.325 ng  
 RT: 8.98 min Scan# 524  
 Delta R.T. 0.00 min  
 Lab File: BE099769.D  
 Acq: 28 May 2019 22:33

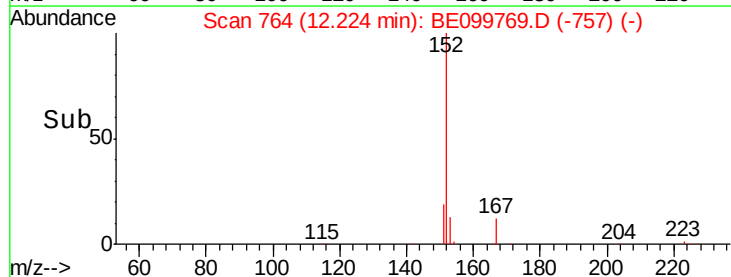
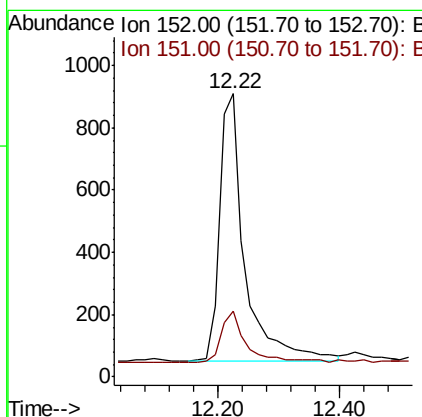
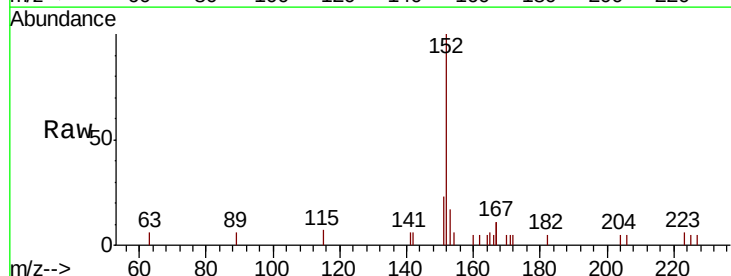
Instrument :  
 BNA\_E  
 ClientSampleId :  
 FB-20190520

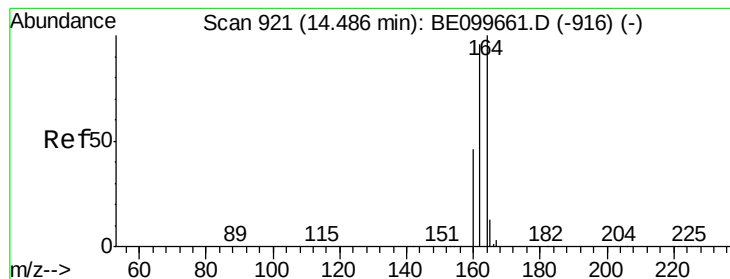
Tot Ion: 82 Resp: 1164  
 Ion Ratio Lower Upper  
 82 100  
 128 176.8 117.7 176.5#  
 54 150.0 106.6 160.0



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.345 ng  
 RT: 12.22 min Scan# 764  
 Delta R.T. -0.00 min  
 Lab File: BE099769.D  
 Acq: 28 May 2019 22:33

Tgt Ion: 152 Resp: 2461  
 Ion Ratio Lower Upper  
 152 100  
 151 18.3 15.0 22.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA\_E

ClientSampleId :

FB-20190520

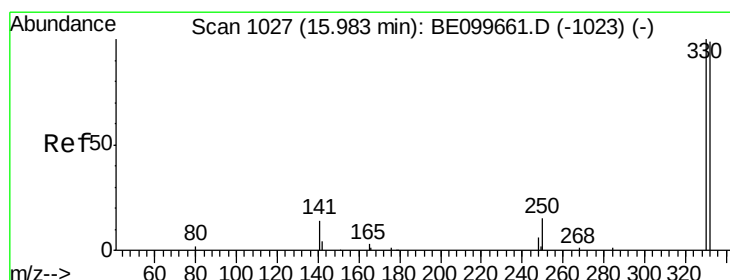
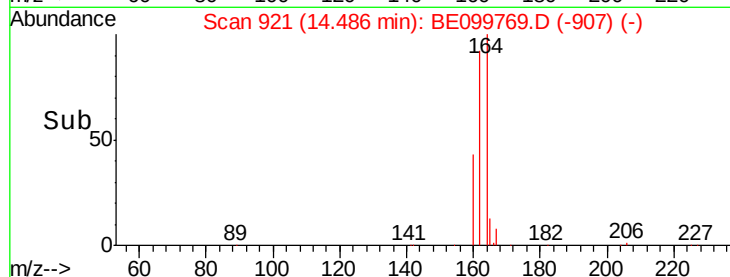
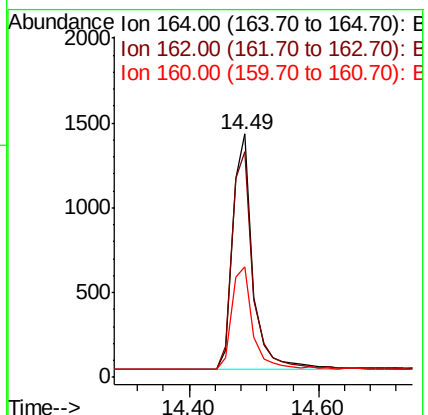
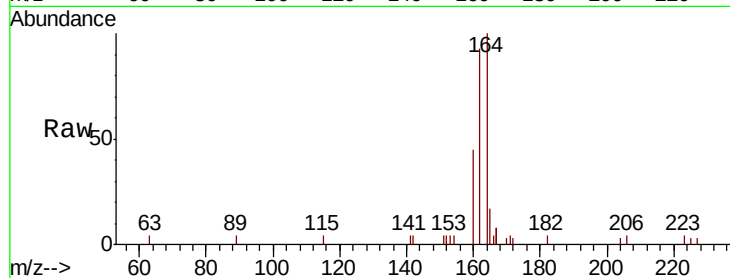
Tot Ion:164 Resp: 2985

Ion Ratio Lower Upper

164 100

162 92.8 76.5 114.7

160 45.2 37.4 56.2



#14

2,4,6-Tribromophenol

Concen: 0.470 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

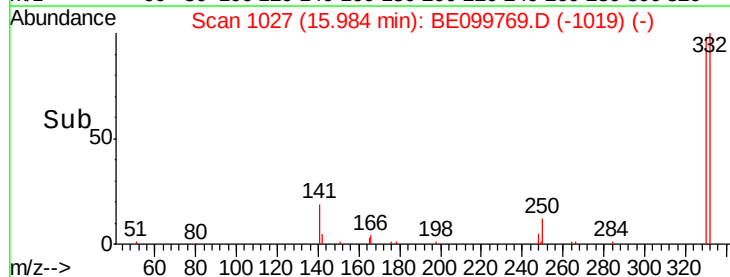
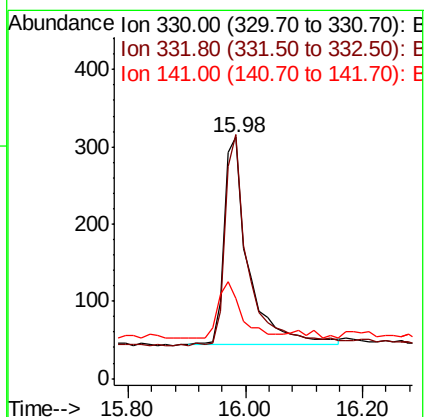
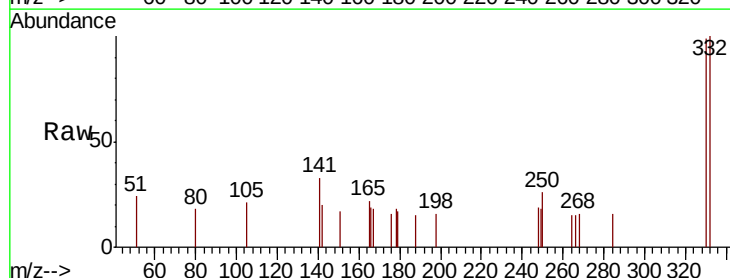
Tgt Ion:330 Resp: 777

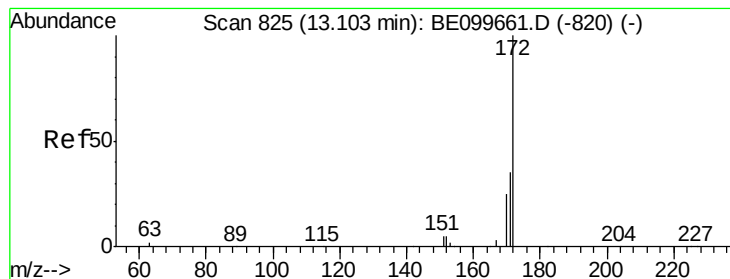
Ion Ratio Lower Upper

330 100

332 98.6 77.3 115.9

141 26.4 18.9 28.3

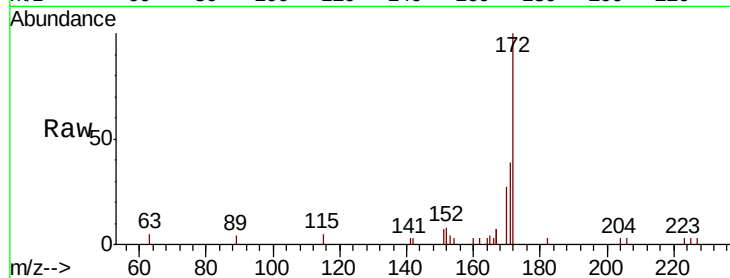




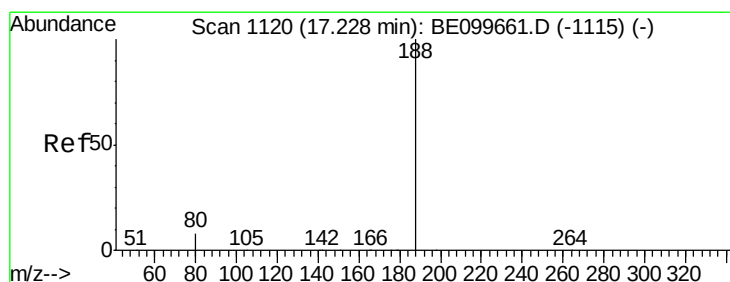
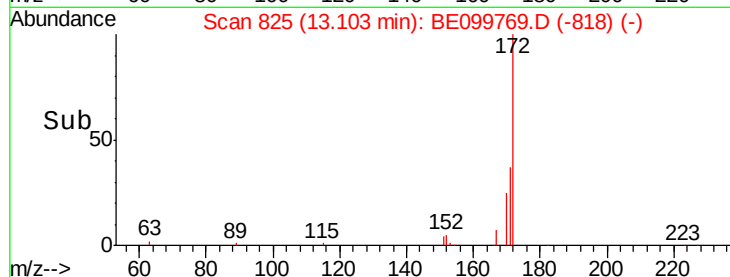
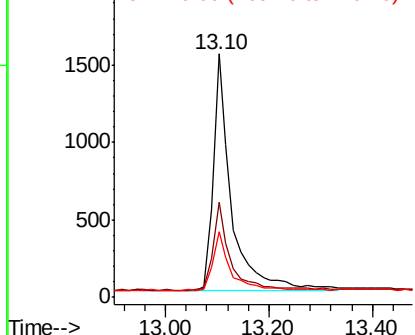
#15  
2-Fluorobiphenyl  
Concen: 0.333 ng  
RT: 13.10 min Scan# 825  
Delta R.T. -0.00 min  
Lab File: BE099769.D  
Acq: 28 May 2019 22:33

Instrument :  
BNA\_E  
ClientSampleId :  
FB-20190520

Tot Ion:172 Resp: 3770  
Ion Ratio Lower Upper  
172 100  
171 38.9 28.7 43.1  
170 26.9 20.9 31.3

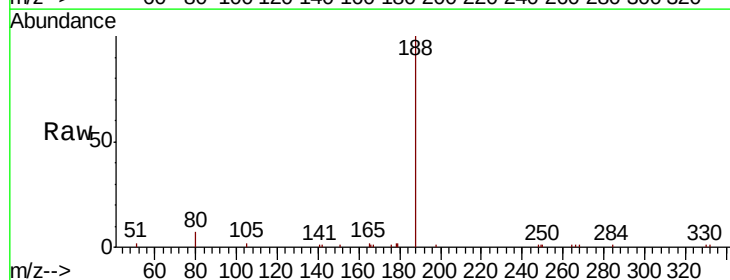


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

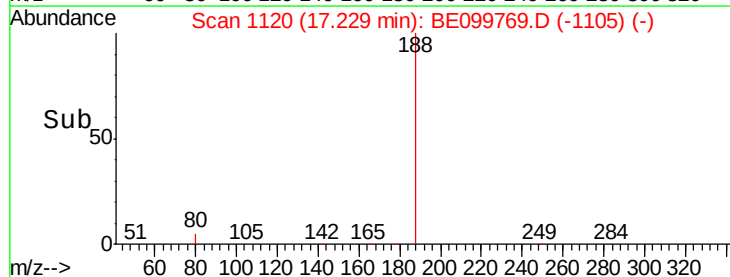
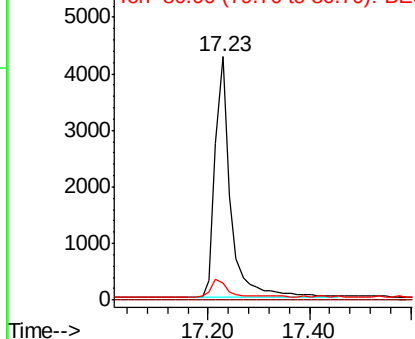


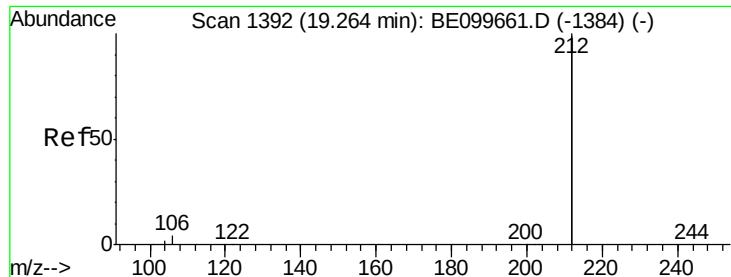
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.23 min Scan# 1120  
Delta R.T. 0.00 min  
Lab File: BE099769.D  
Acq: 28 May 2019 22:33

Tgt Ion:188 Resp: 9052  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.8 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: 0.388 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA\_E

ClientSampleId :

FB-20190520

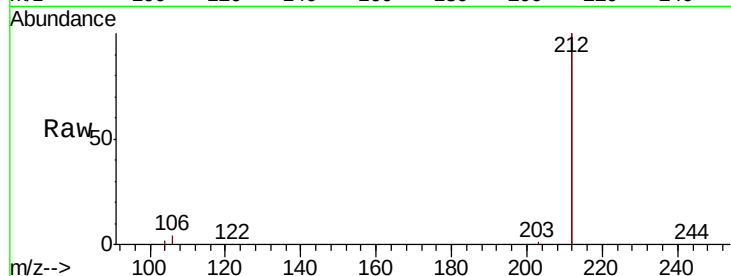
Tot Ion:212 Resp: 47947

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

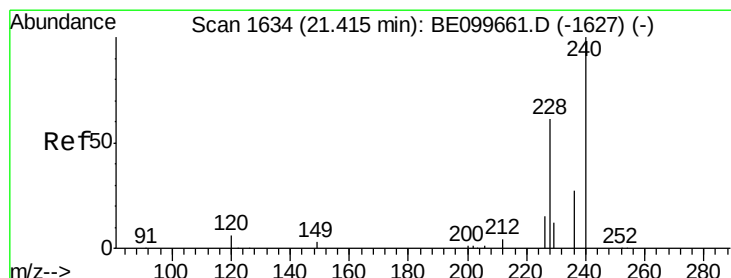
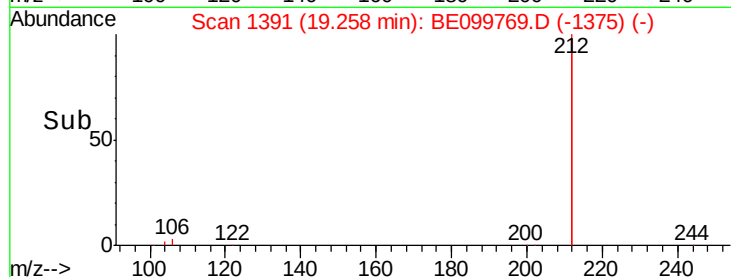
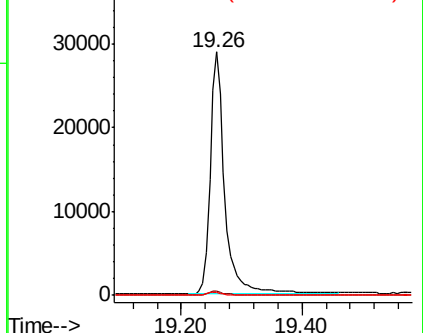
104 1.0 0.8 1.2



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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

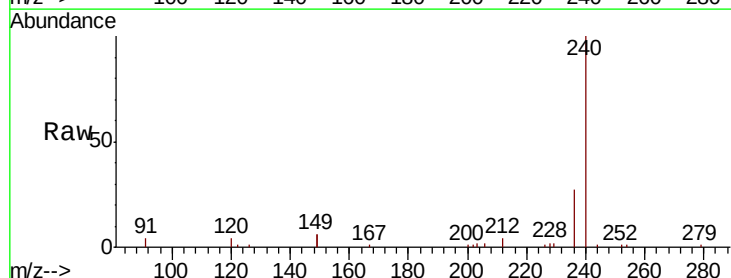
Tgt Ion:240 Resp: 15274

Ion Ratio Lower Upper

240 100

120 4.4 5.4 8.0#

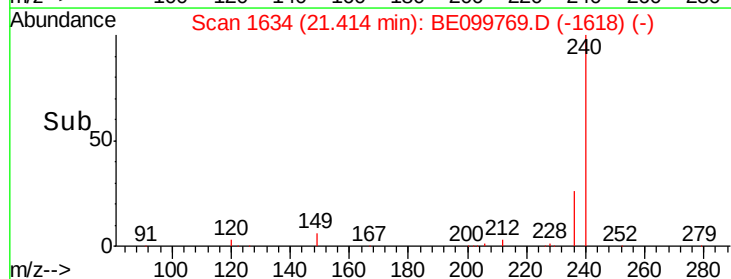
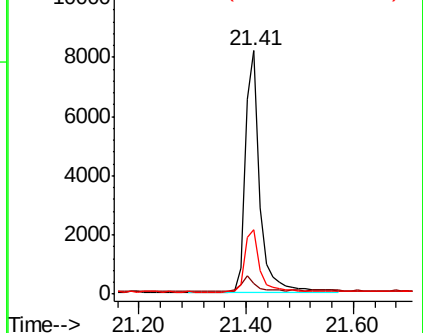
236 26.7 21.7 32.5



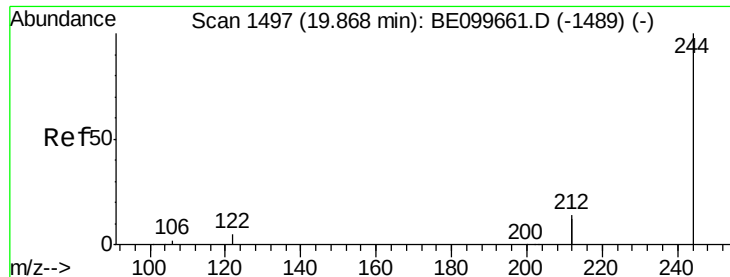
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

Instrument :

BNA\_E

ClientSampleId :

FB-20190520

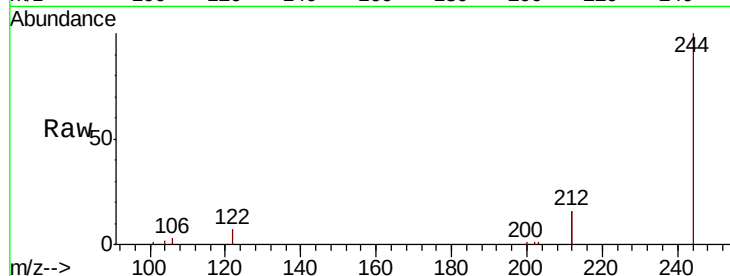
Tot Ion:244 Resp: 10530

Ion Ratio Lower Upper

244 100

212 32.4 22.5 33.7

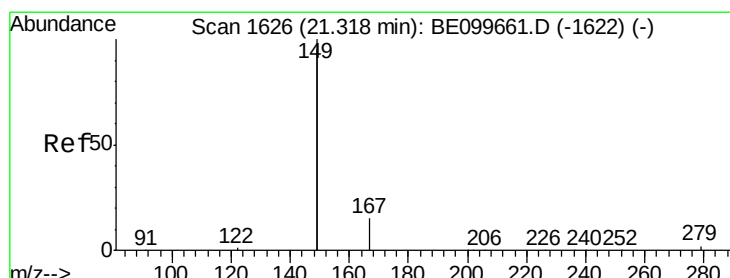
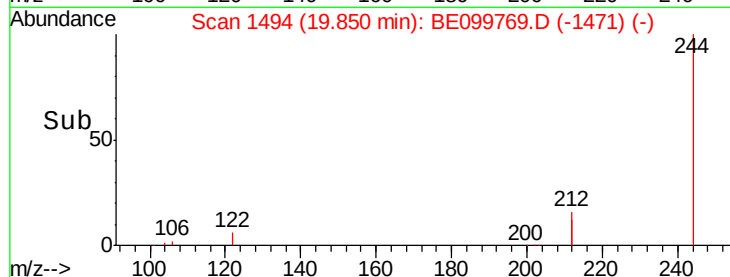
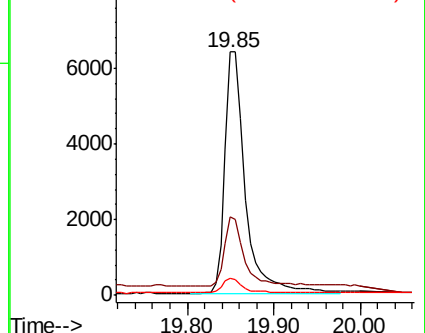
122 7.1 4.3 6.5#



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: 0.029 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099769.D

Acq: 28 May 2019 22:33

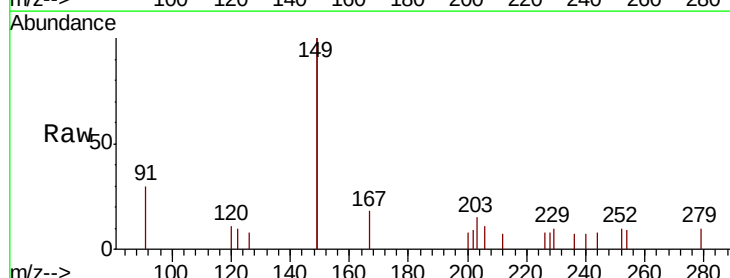
Tgt Ion:149 Resp: 1452

Ion Ratio Lower Upper

149 100

167 9.1 6.2 9.4

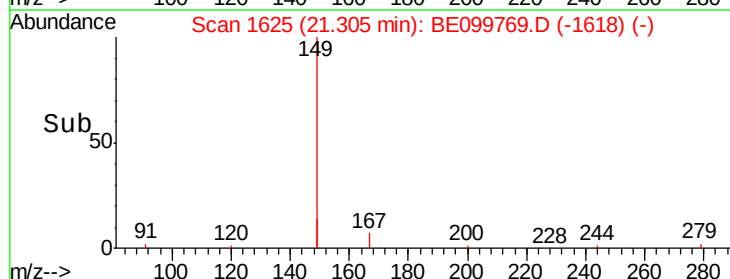
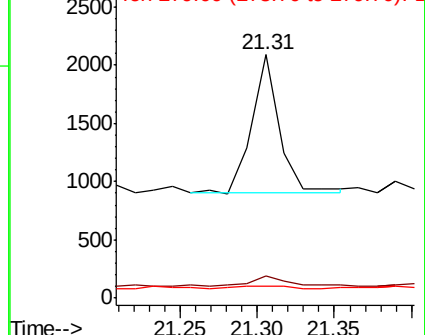
279 3.4 1.2 1.8#

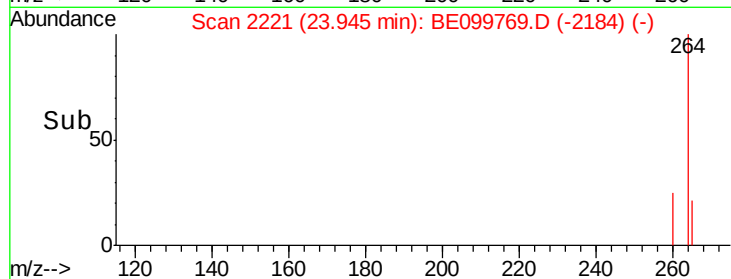
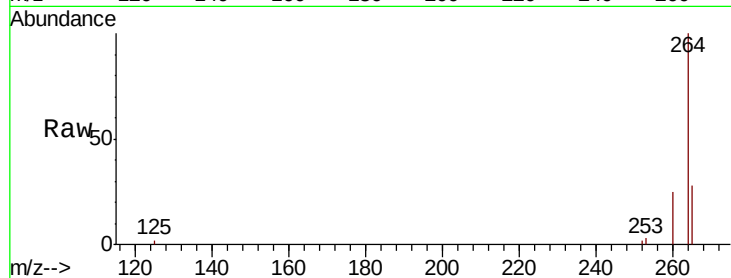
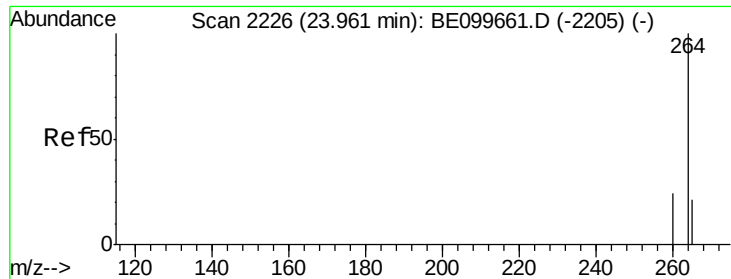


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2221  
 Delta R.T. -0.02 min  
 Lab File: BE099769.D  
 Acq: 28 May 2019 22:33

Instrument :  
 BNA\_E  
 ClientSampleId :  
 FB-20190520

Tot Ion: 264 Resp: 18545  
 Ion Ratio Lower Upper  
 264 100  
 260 25.2 19.6 29.4  
 265 28.2 19.1 28.7

