

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE052219\  
 Data File : BE099718.D  
 Acq On : 22 May 2019 13:55  
 Operator : JU/SJ  
 Sample : K2966-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 FESB-13(9.5-10)

Quant Time: May 23 07:57:54 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 | 7.80  | 152  | 1528     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.61 | 136  | 5349     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.49 | 164  | 4276     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.23 | 188  | 12563    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.41 | 240  | 17713    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.96 | 264  | 20853    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.37  | 112 | 1357  | 0.35 | ng | 0.00  |
| 5) Phenol-d6                | 6.97  | 99  | 1940  | 0.38 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.98  | 82  | 1598  | 0.35 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 3078  | 0.33 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.97 | 330 | 977   | 0.43 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 13.10 | 172 | 4459  | 0.27 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.26 | 212 | 42604 | 0.25 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.86 | 244 | 9468  | 0.30 | ng | -0.01 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 3) n-Nitrosodimethylamine      | 3.65  | 42  | 26     | 0.021  | ng | # 1  |
| 9) Naphthalene                 | 10.67 | 128 | 23315  | 0.408  | ng | 100  |
| 12) 2-Methylnaphthalene        | 12.30 | 142 | 1492   | 0.160  | ng | # 92 |
| 16) Acenaphthylene             | 14.20 | 152 | 43760  | 2.196  | ng | 100  |
| 17) Acenaphthene               | 14.54 | 154 | 4171   | 0.373  | ng | 100  |
| 18) Fluorene                   | 15.52 | 166 | 12731  | 0.773  | ng | 94   |
| 22) Pentachlorophenol          | 16.88 | 266 | 58     | 0.207  | ng | # 78 |
| 23) Phenanthrene               | 17.27 | 178 | 132539 | 4.317  | ng | 99   |
| 24) Anthracene                 | 17.36 | 178 | 80615  | 2.896  | ng | 99   |
| 26) Fluoranthene               | 19.29 | 202 | 427353 | 8.805  | ng | 99   |
| 28) Pyrene                     | 19.66 | 202 | 446250 | 10.027 | ng | # 95 |
| 30) Benzo(a)anthracene         | 21.40 | 228 | 327955 | 6.516  | ng | 92   |
| 31) Chrysene                   | 21.45 | 228 | 264807 | 4.921  | ng | 97   |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 46694  | 0.805  | ng | # 98 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.64 | 276 | 244184 | 3.758  | ng | # 97 |
| 35) Benzo(b)fluoranthene       | 23.17 | 252 | 408042 | 7.141  | ng | 99   |
| 36) Benzo(k)fluoranthene       | 23.17 | 252 | 408042 | 6.850  | ng | 98   |
| 37) Benzo(a)pyrene             | 23.84 | 252 | 338875 | 6.163  | ng | 98   |
| 38) Dibenzo(a,h)anthracene     | 26.67 | 278 | 63206  | 1.095  | ng | # 91 |
| 39) Benzo(g,h,i)perylene       | 27.49 | 276 | 236091 | 4.049  | ng | 99   |

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

```
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Data File : BE099718.D  
Acq On    : 22 May 2019 13:55  
Operator  : JU/SJ  
Sample    : K2966-01  
Misc      :  
ALS Vial  : 7    Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

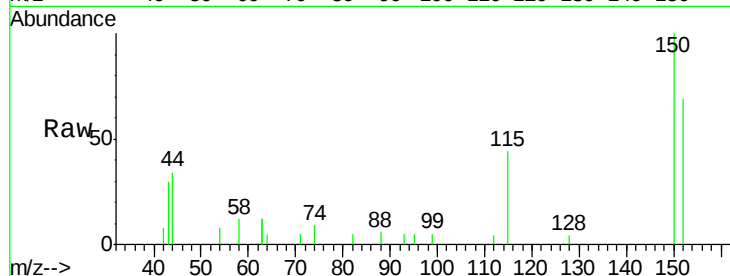
Tgt Ion:152 Resp: 1528

Ion Ratio Lower Upper

152 100

150 145.1 109.2 163.8

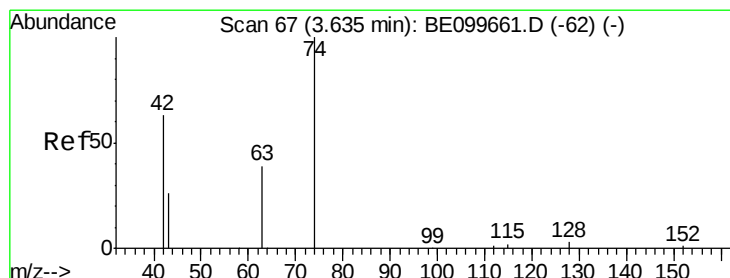
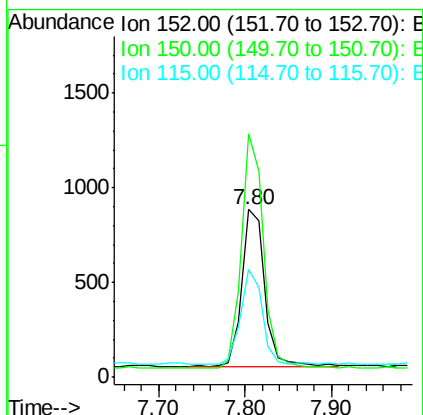
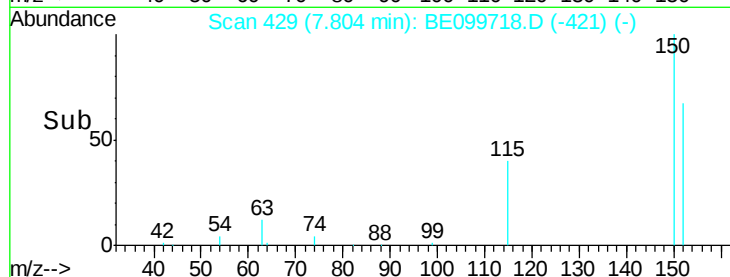
115 64.5 43.7 65.5



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



#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.01 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

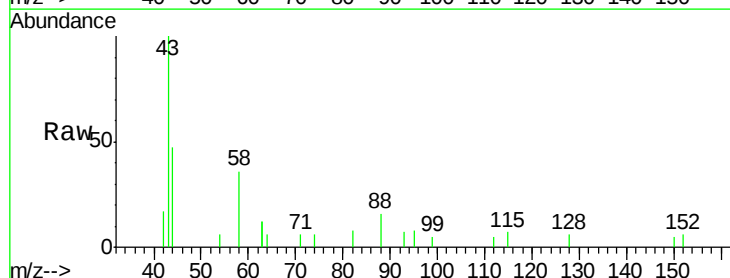
Tgt Ion: 42 Resp: 26

Ion Ratio Lower Upper

42 100

74 23.1 129.2 193.8#

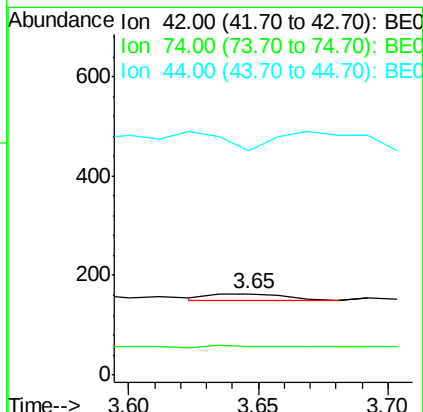
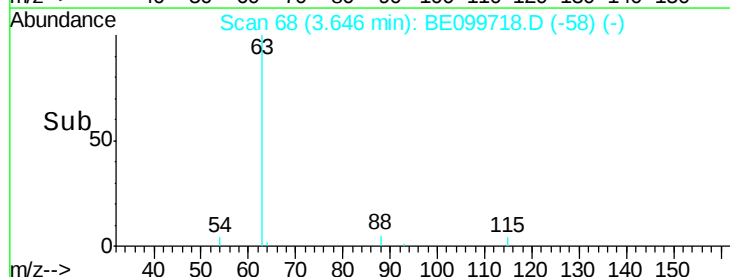
44 0.0 0.0 0.0

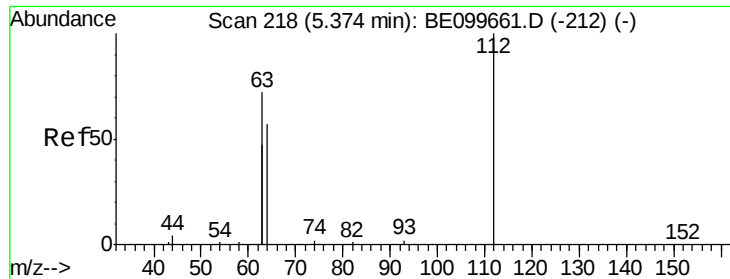


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.351 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

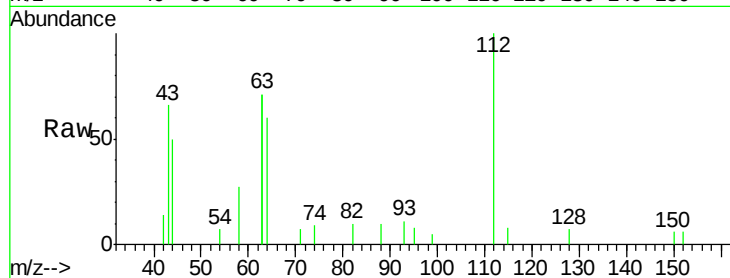
Tgt Ion:112 Resp: 1357

Ion Ratio Lower Upper

112 100

64 55.6 43.4 65.2

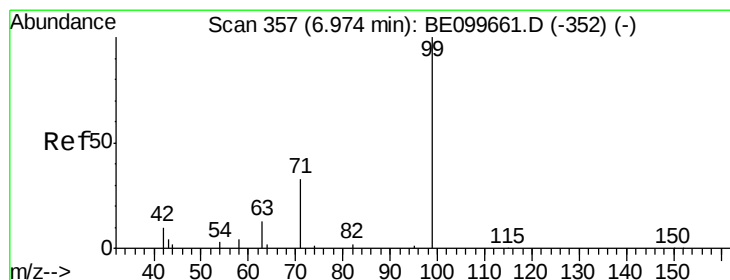
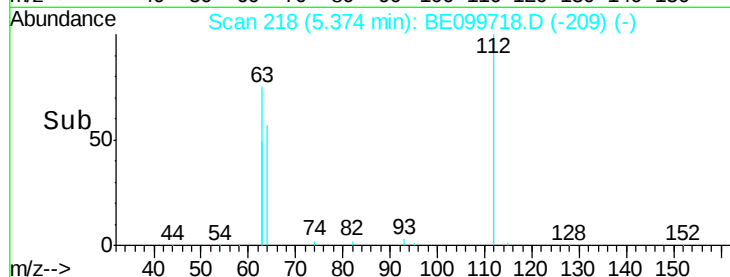
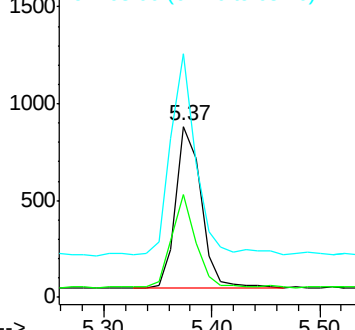
63 129.5 96.9 145.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.380 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

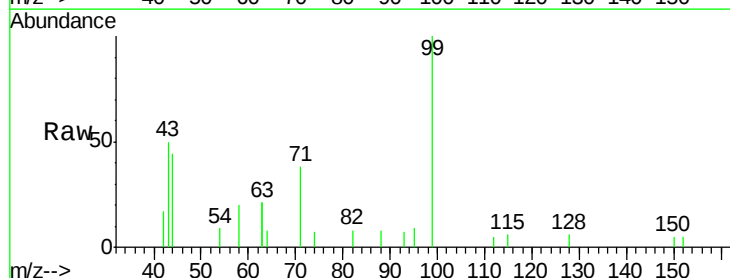
Tgt Ion: 99 Resp: 1940

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

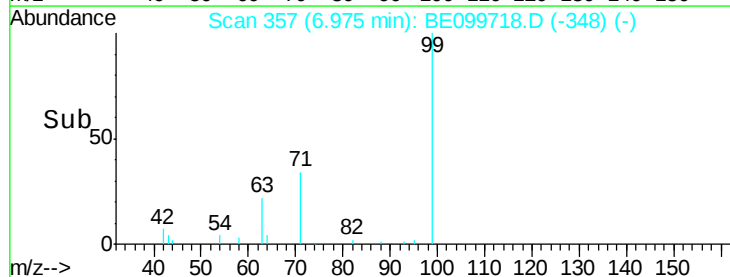
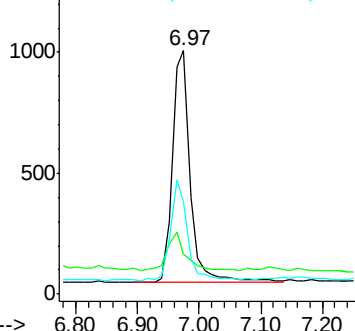
71 41.3 28.9 43.3

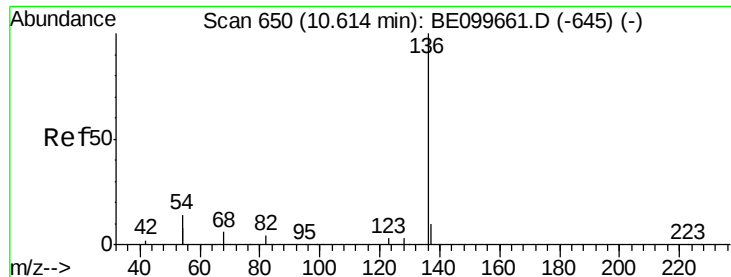


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

Tgt Ion: 136 Resp: 5349

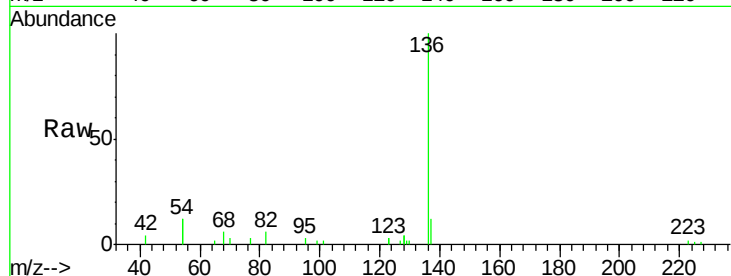
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 23.6 22.3 33.5

68 5.9 6.0 9.0#

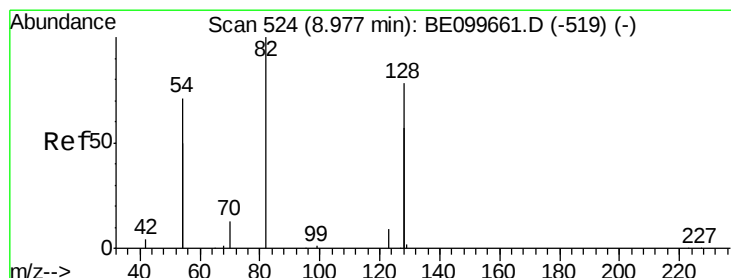
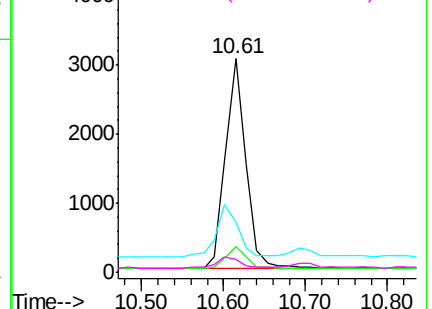
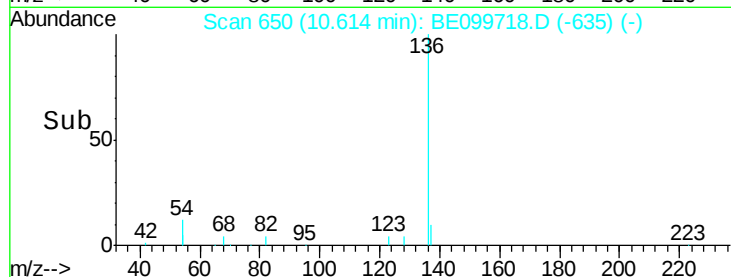


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.345 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

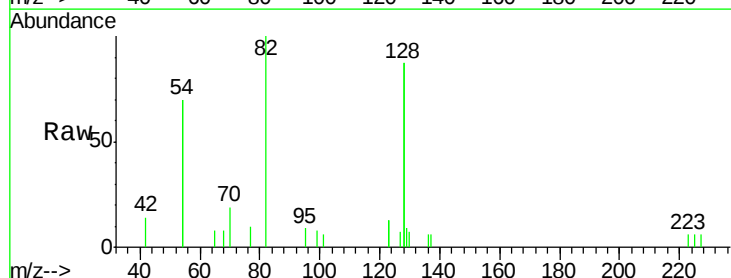
Tgt Ion: 82 Resp: 1598

Ion Ratio Lower Upper

82 100

128 174.6 117.7 176.5

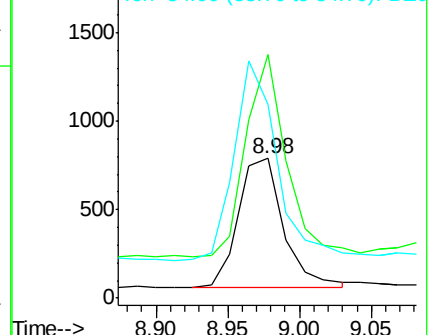
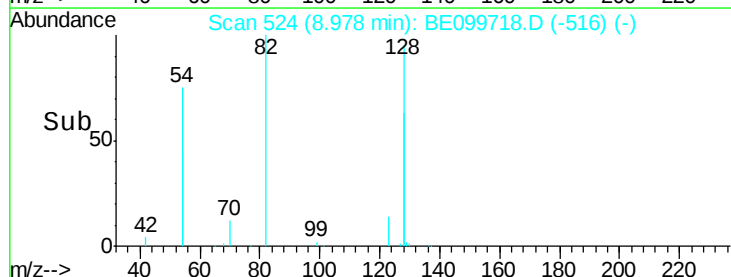
54 139.1 106.6 160.0

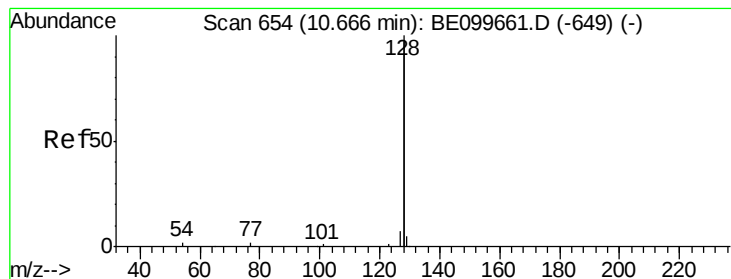


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.408 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

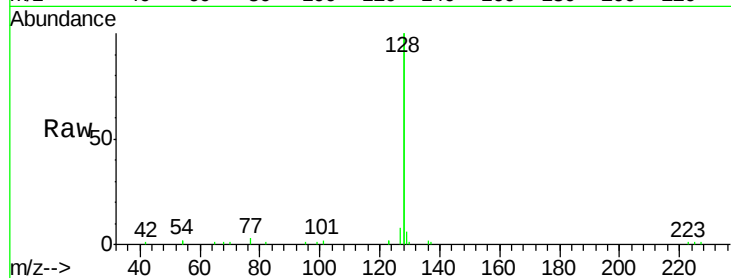
Tgt Ion:128 Resp: 23315

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

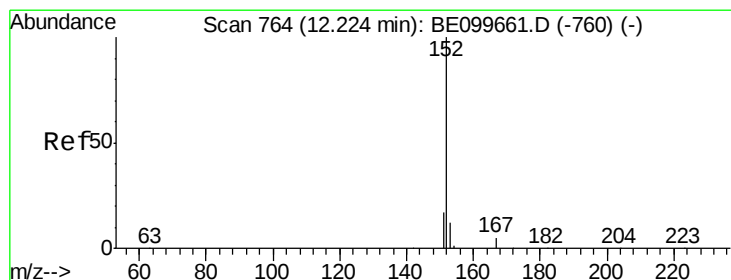
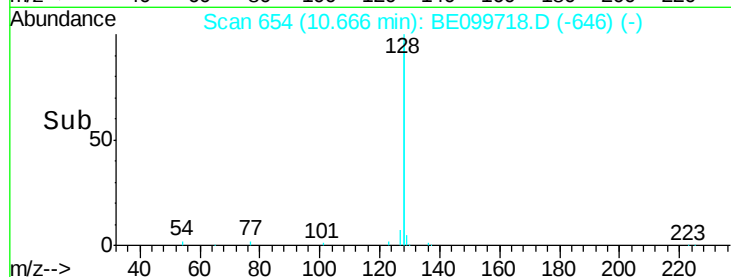
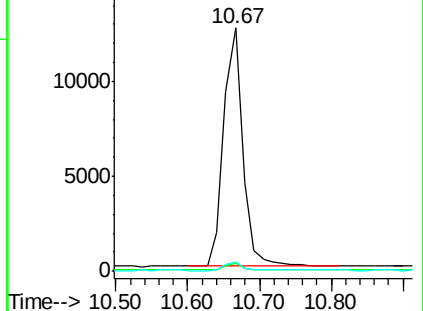
127 3.8 2.9 4.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099718.D

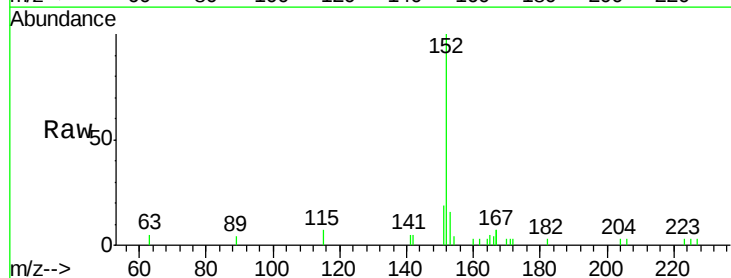
Acq: 22 May 2019 13:55

Tgt Ion:152 Resp: 3078

Ion Ratio Lower Upper

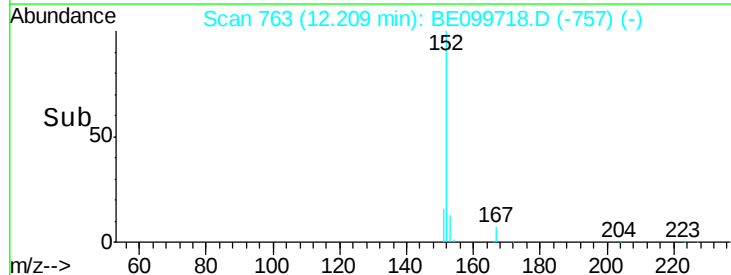
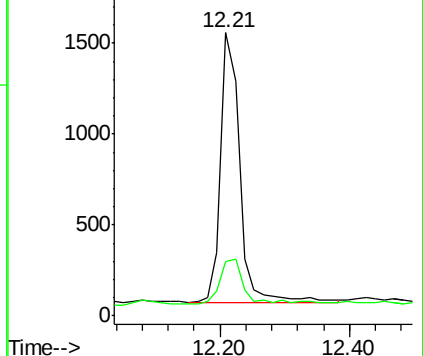
152 100

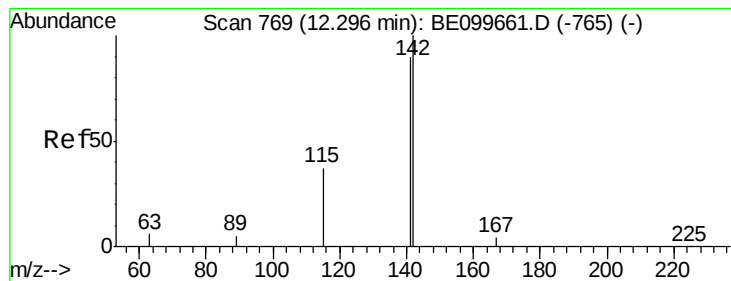
151 19.0 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.160 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

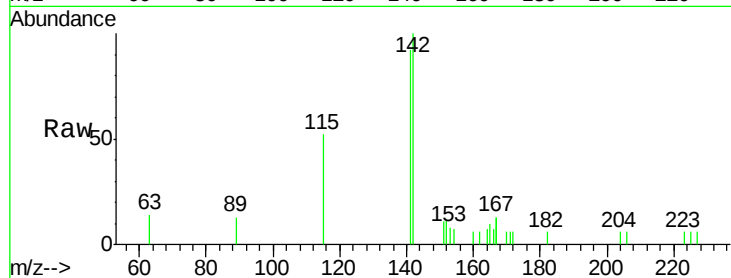
Tgt Ion:142 Resp: 1492

Ion Ratio Lower Upper

142 100

141 91.7 72.0 108.0

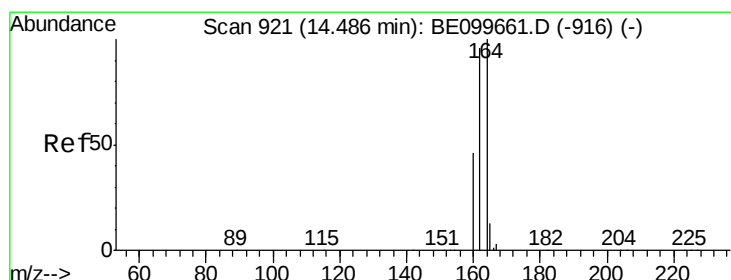
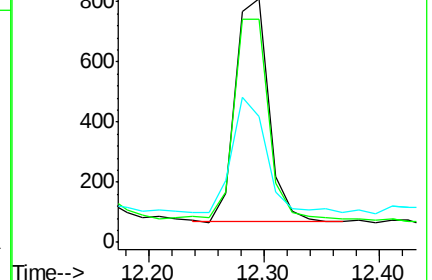
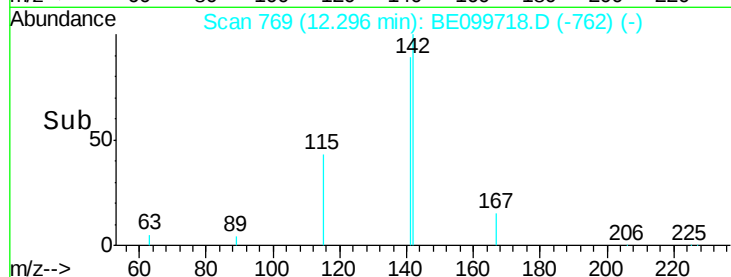
115 51.8 31.0 46.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

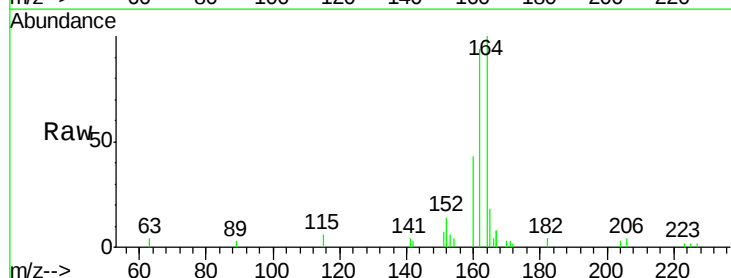
Tgt Ion:164 Resp: 4276

Ion Ratio Lower Upper

164 100

162 93.8 76.5 114.7

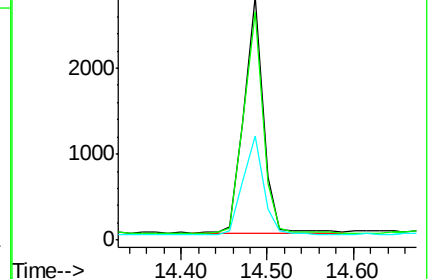
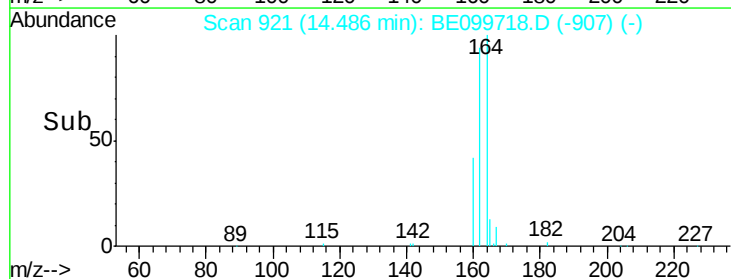
160 42.9 37.4 56.2

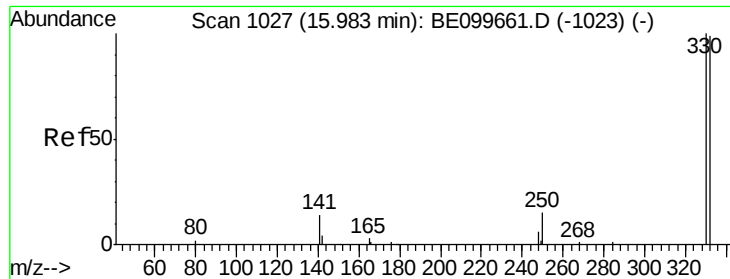


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

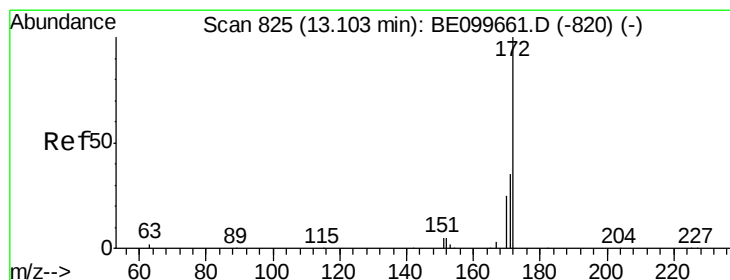
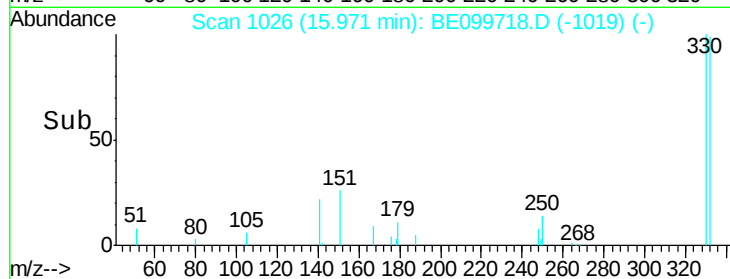
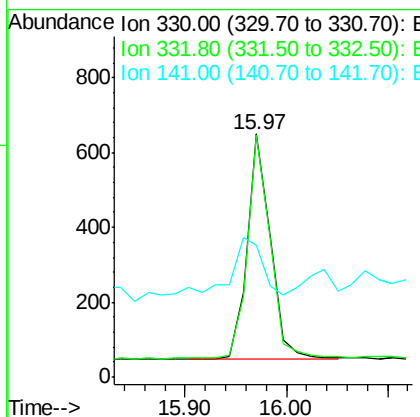
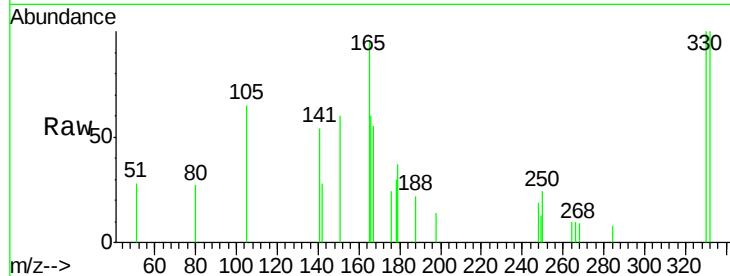




#14  
 2,4,6-Tribromophenol  
 Concen: 0.430 ng  
 RT: 15.97 min Scan# 1026  
 Delta R.T. -0.01 min  
 Lab File: BE099718.D  
 Acq: 22 May 2019 13:55

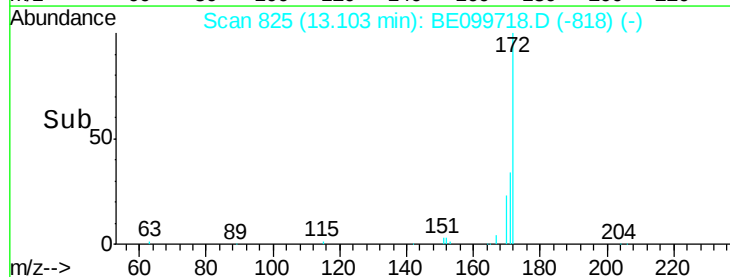
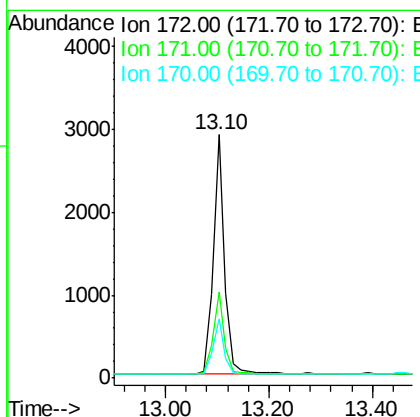
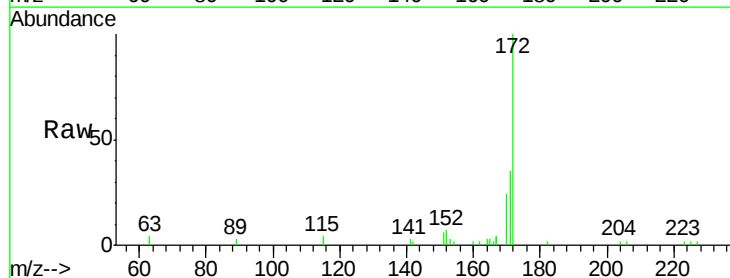
Instrument :  
 BNA\_E  
 ClientSampleId :  
 FESB-13(9.5-10)

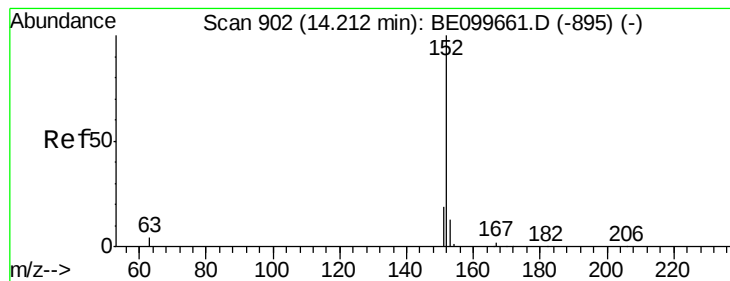
Tgt Ion:330 Resp: 977  
 Ion Ratio Lower Upper  
 330 100  
 332 95.5 77.3 115.9  
 141 30.2 18.9 28.3#



#15  
 2-Fluorobiphenyl  
 Concen: 0.275 ng  
 RT: 13.10 min Scan# 825  
 Delta R.T. -0.00 min  
 Lab File: BE099718.D  
 Acq: 22 May 2019 13:55

Tgt Ion:172 Resp: 4459  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 28.7 43.1  
 170 24.2 20.9 31.3





#16

Acenaphthylene

Concen: 2.196 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.01 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

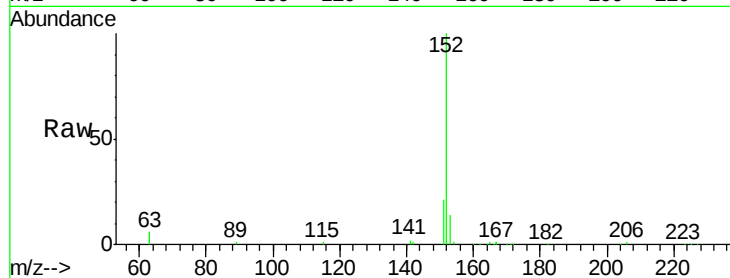
Tgt Ion:152 Resp: 43760

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

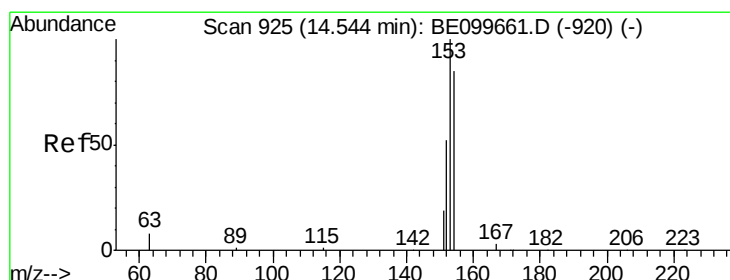
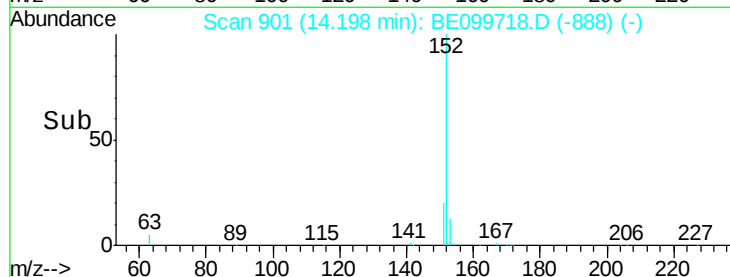
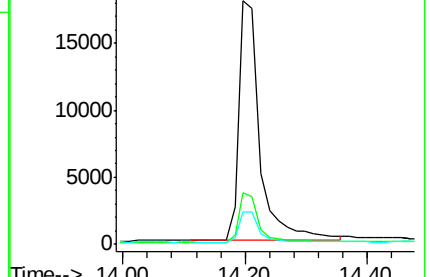
153 13.4 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.373 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

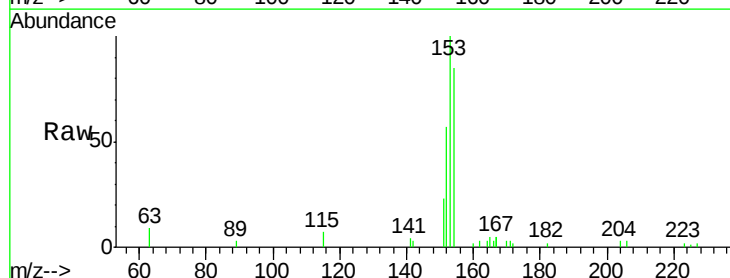
Tgt Ion:154 Resp: 4171

Ion Ratio Lower Upper

154 100

153 115.1 91.8 137.6

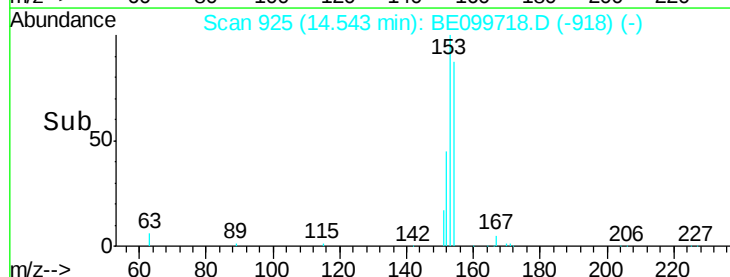
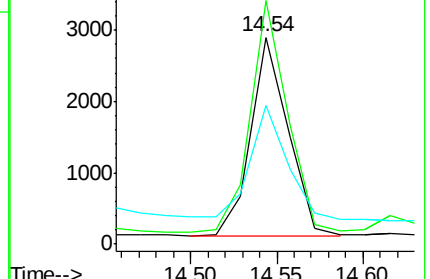
152 57.5 46.0 69.0

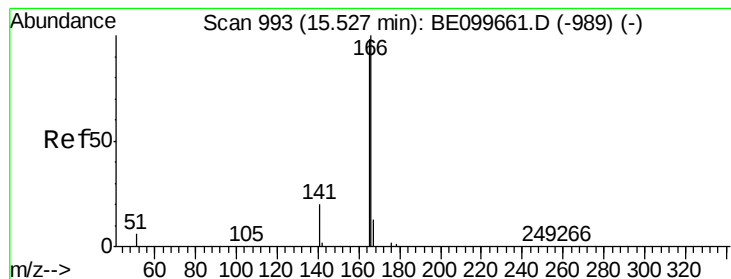


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.773 ng

RT: 15.52 min Scan# 992

Delta R.T. -0.01 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

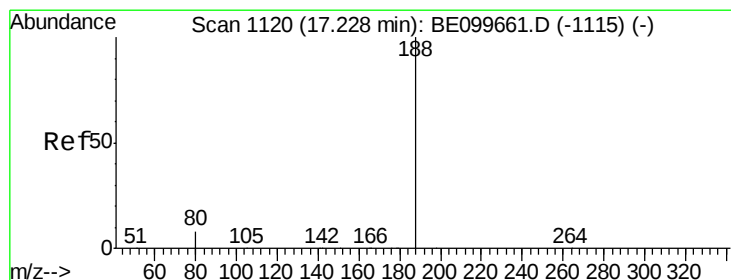
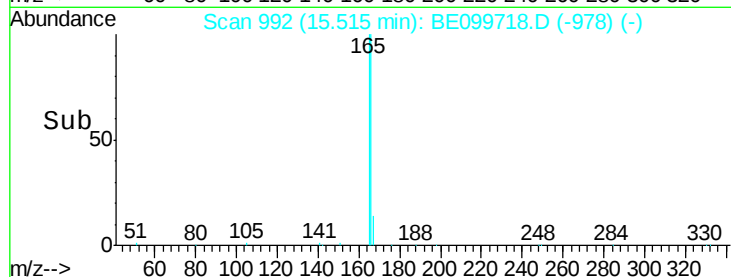
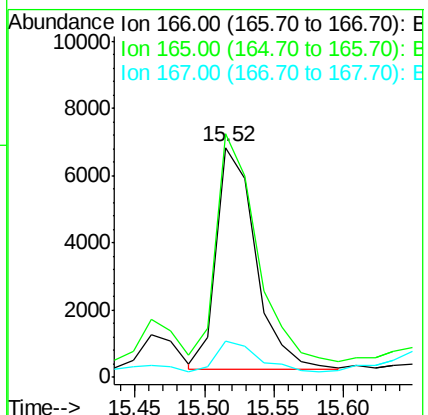
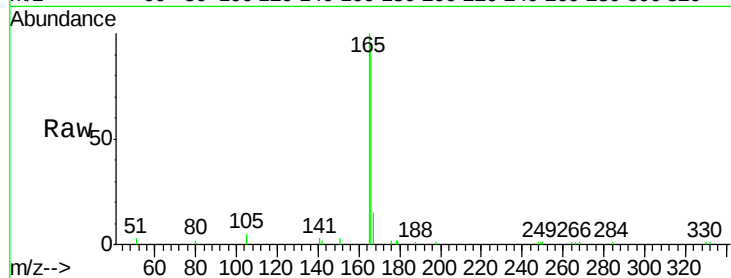
Tgt Ion:166 Resp: 12731

Ion Ratio Lower Upper

166 100

165 106.5 80.3 120.5

167 14.9 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

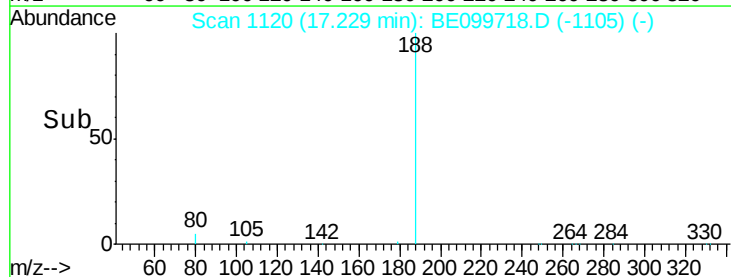
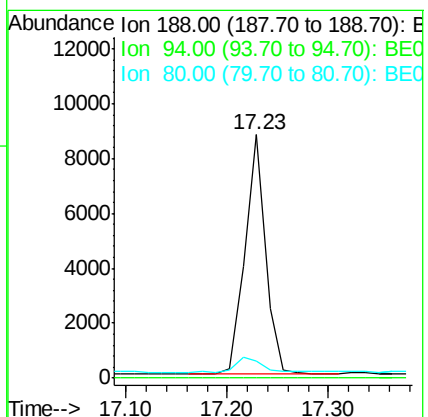
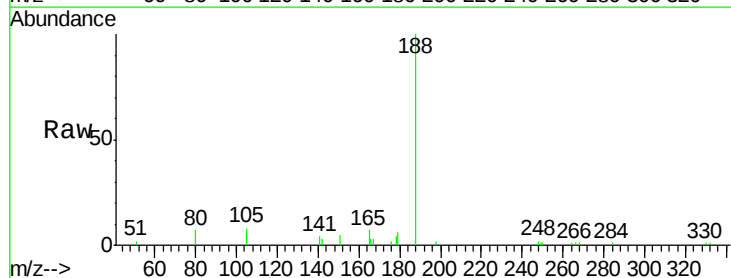
Tgt Ion:188 Resp: 12563

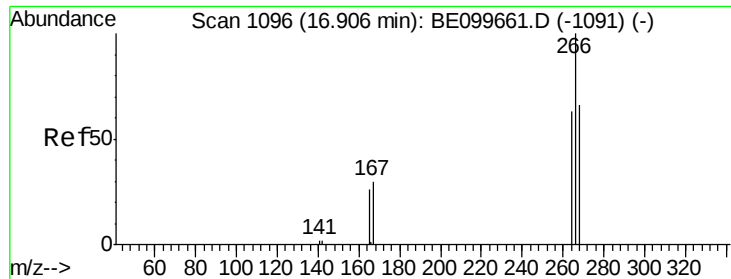
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 6.7 10.1





#22

Pentachlorophenol

Concen: 0.207 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

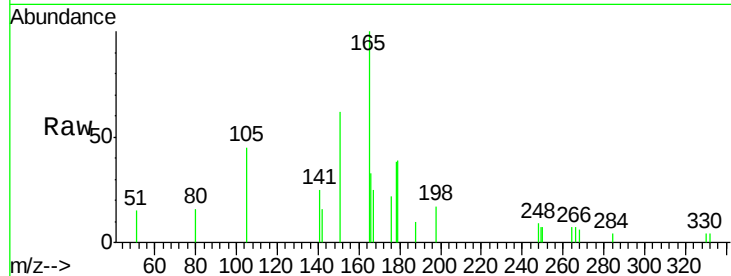
Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

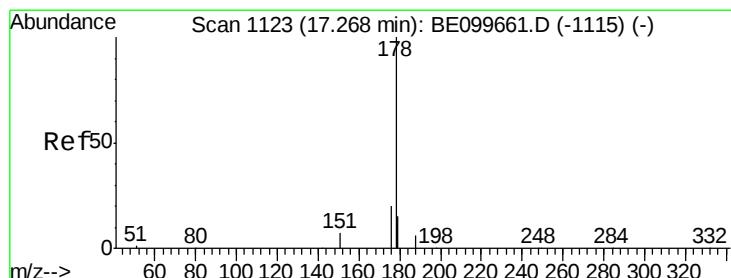
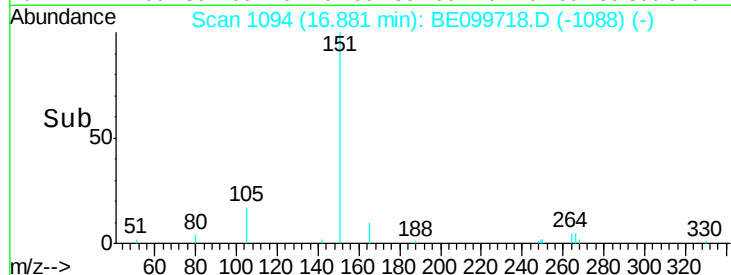
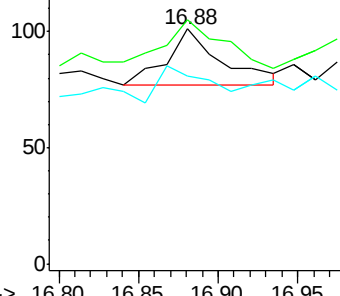
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 58    |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 104.0 | 57.2  | 85.8# |
| 268      | 80.2  | 60.5  | 90.7  |



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 4.317 ng

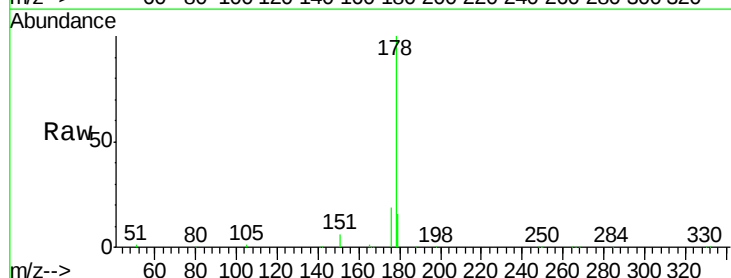
RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

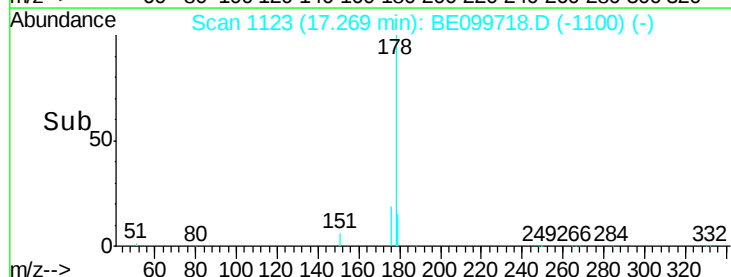
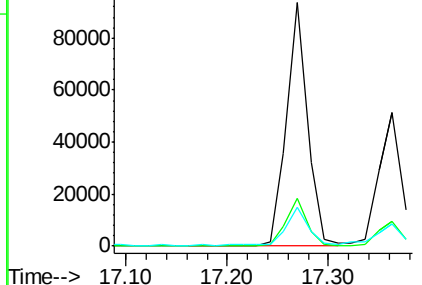
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 178   | Resp: | 132539 |
| Ion      | Ratio | Lower | Upper  |
| 178      | 100   |       |        |
| 176      | 19.2  | 15.6  | 23.4   |
| 179      | 15.8  | 12.2  | 18.4   |

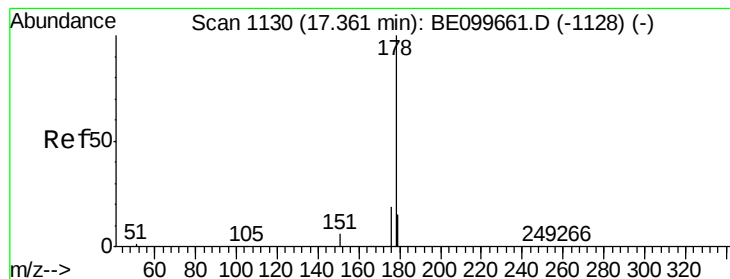


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 2.896 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

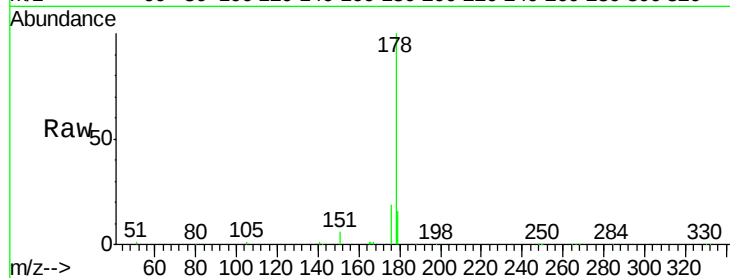
Tgt Ion:178 Resp: 80615

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

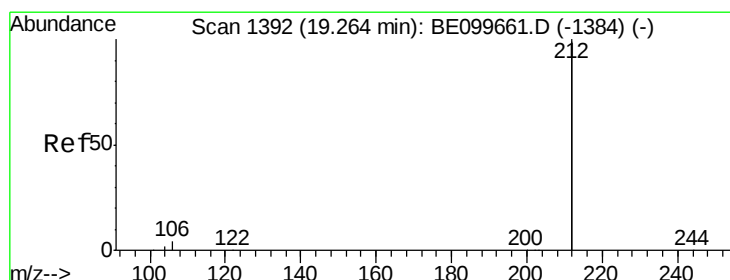
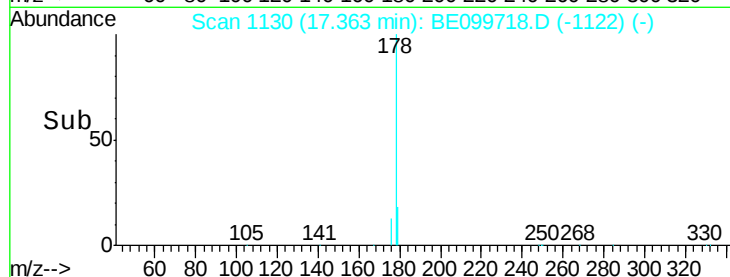
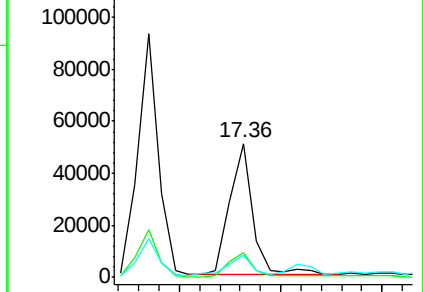
179 15.7 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.248 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

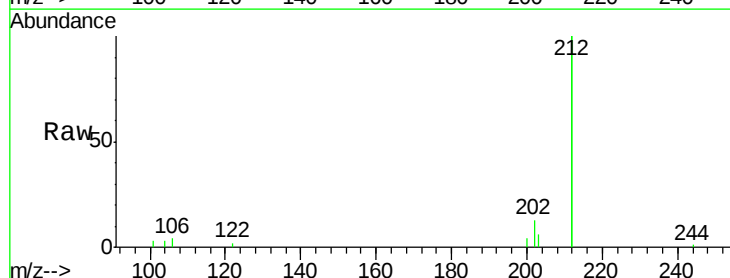
Tgt Ion:212 Resp: 42604

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

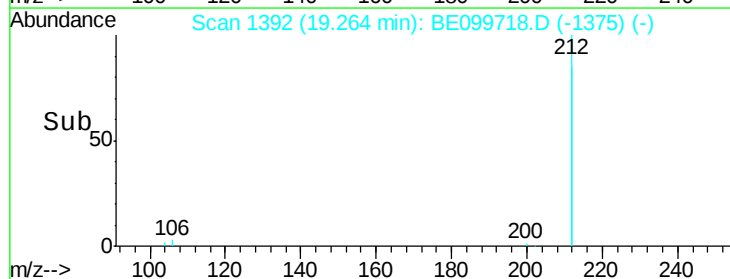
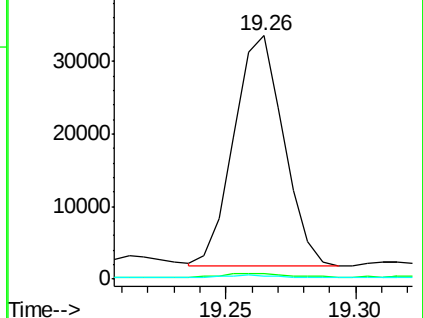
104 1.2 0.8 1.2

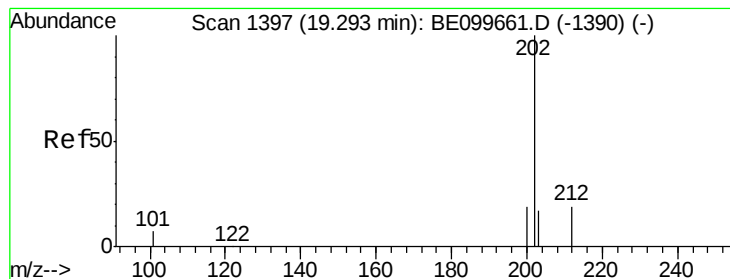


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 8.805 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

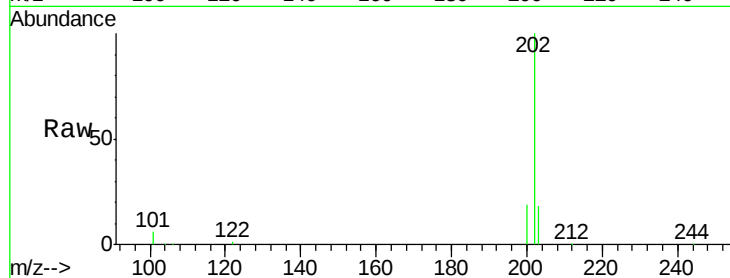
Tgt Ion:202 Resp: 427353

Ion Ratio Lower Upper

202 100

101 6.1 5.2 7.8

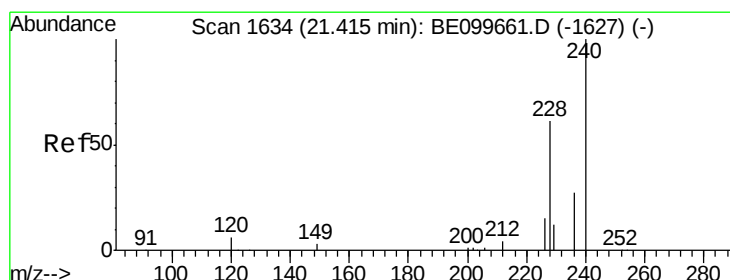
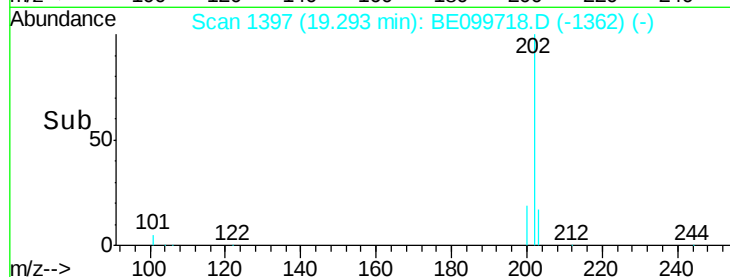
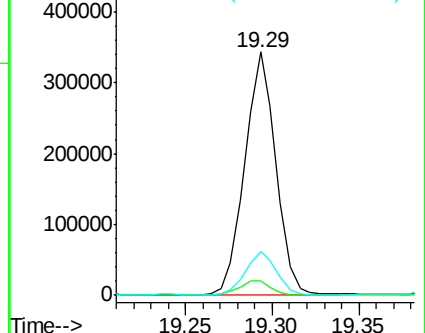
203 17.7 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

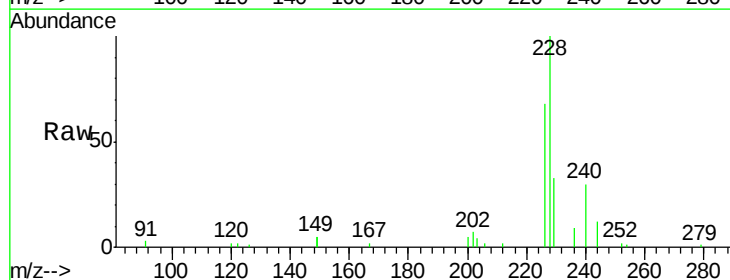
Tgt Ion:240 Resp: 17713

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.0

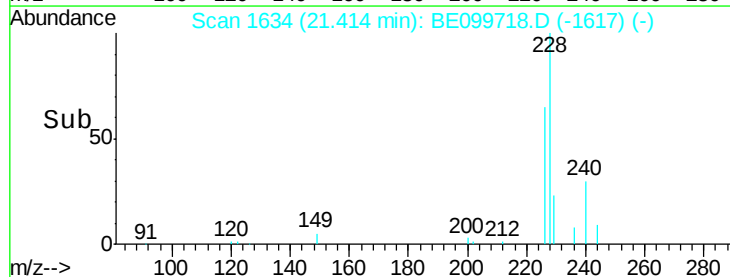
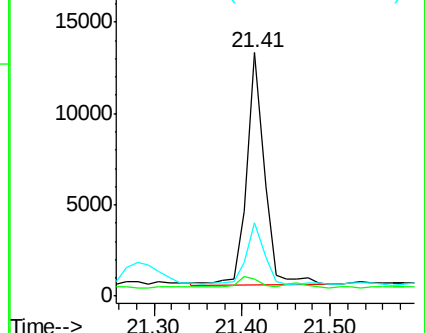
236 30.4 21.7 32.5

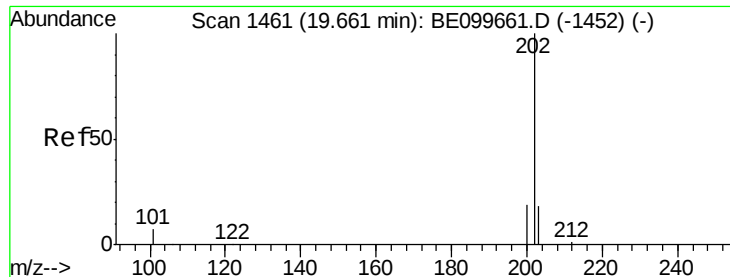


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

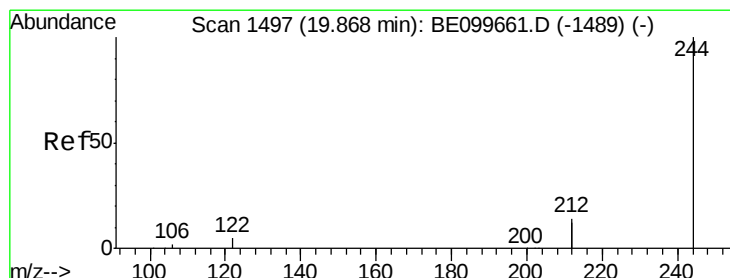
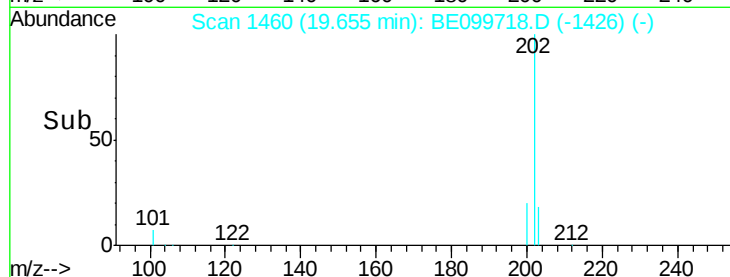
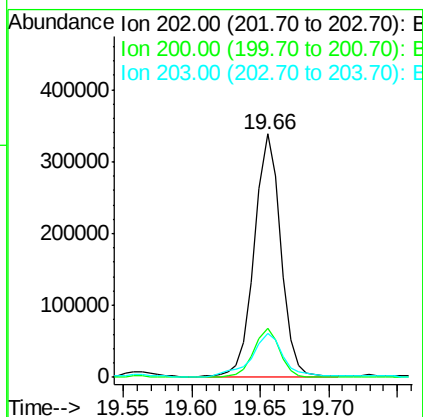
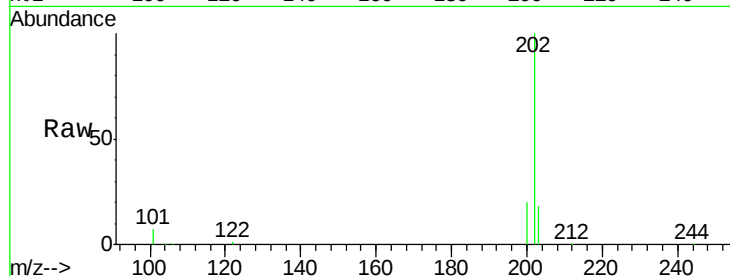




#28  
 Pyrene  
 Concen: 10.027 ng  
 RT: 19.66 min Scan# 1460  
 Delta R.T. -0.01 min  
 Lab File: BE099718.D  
 Acq: 22 May 2019 13:55

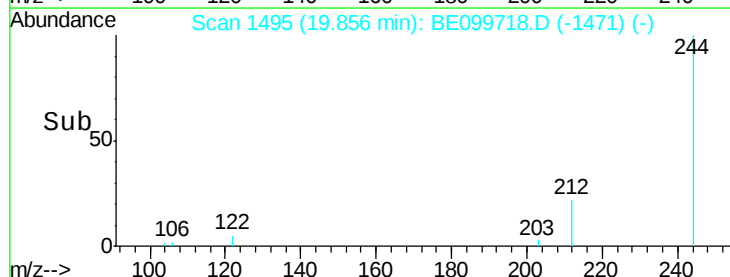
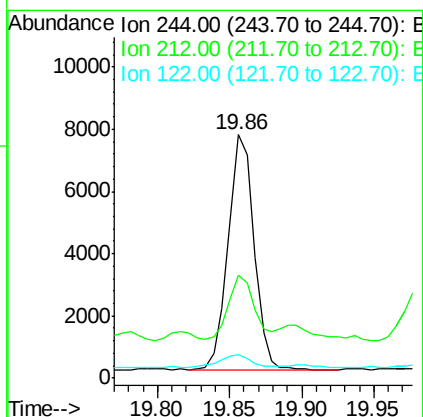
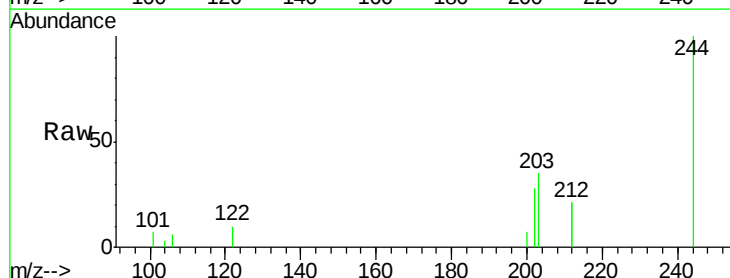
Instrument :  
 BNA\_E  
 ClientSampleId :  
 FESB-13(9.5-10)

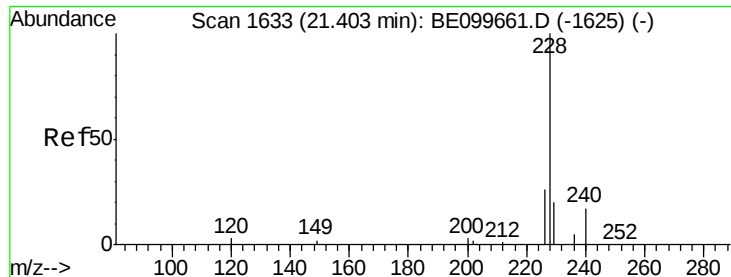
Tgt Ion:202 Resp: 446250  
 Ion Ratio Lower Upper  
 202 100  
 200 19.9 15.4 23.2  
 203 21.3 13.8 20.8#



#29  
 Terphenyl-d14  
 Concen: 0.299 ng  
 RT: 19.86 min Scan# 1495  
 Delta R.T. -0.01 min  
 Lab File: BE099718.D  
 Acq: 22 May 2019 13:55

Tgt Ion:244 Resp: 9468  
 Ion Ratio Lower Upper  
 244 100  
 212 42.1 22.5 33.7#  
 122 9.5 4.3 6.5#





#30

Benzo(a)anthracene

Concen: 6.516 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

FESB-13(9.5-10)

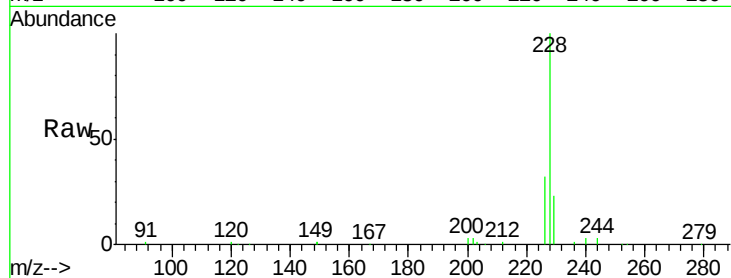
Tgt Ion:228 Resp: 327955

Ion Ratio Lower Upper

228 100

226 31.7 21.3 31.9

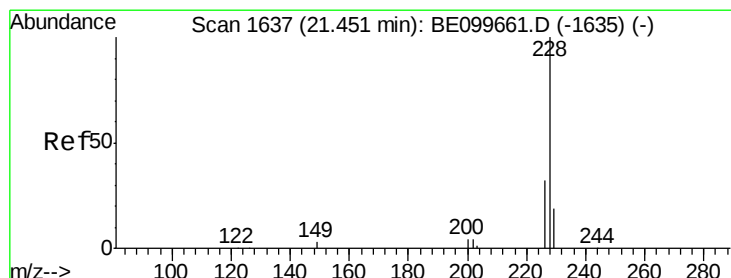
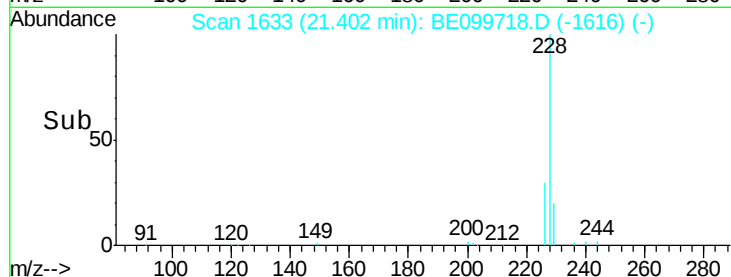
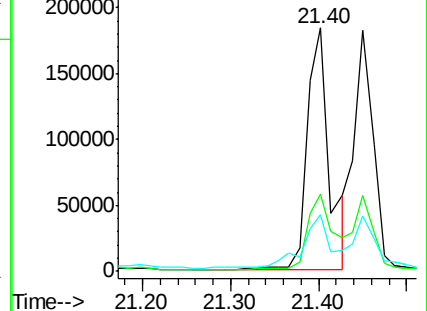
229 23.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 4.921 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099718.D

Acq: 22 May 2019 13:55

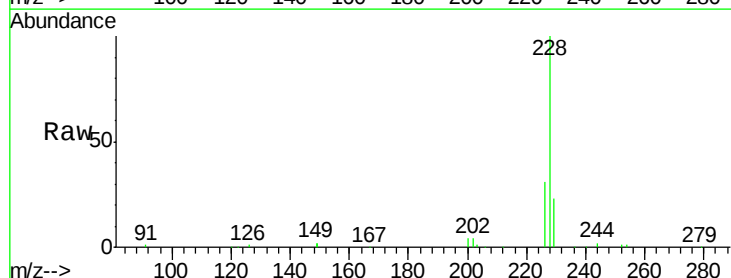
Tgt Ion:228 Resp: 264807

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

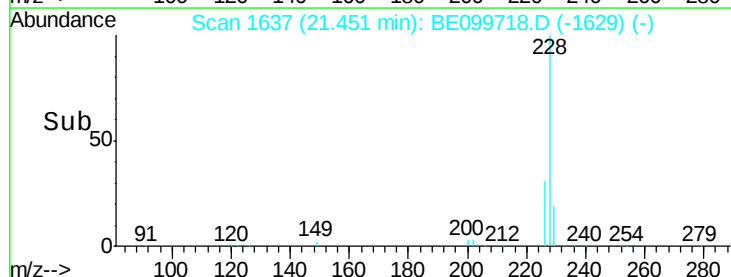
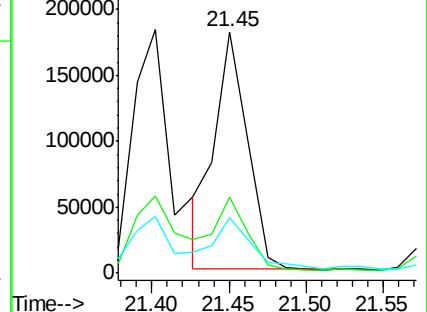
229 23.1 15.8 23.6

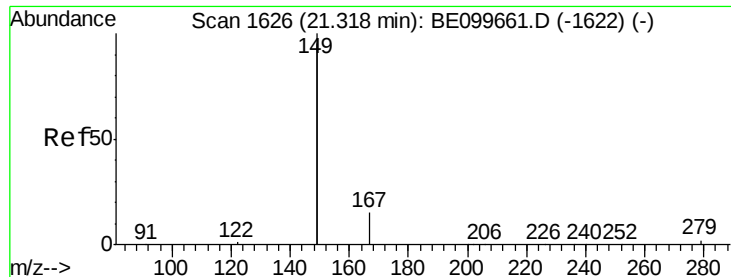


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

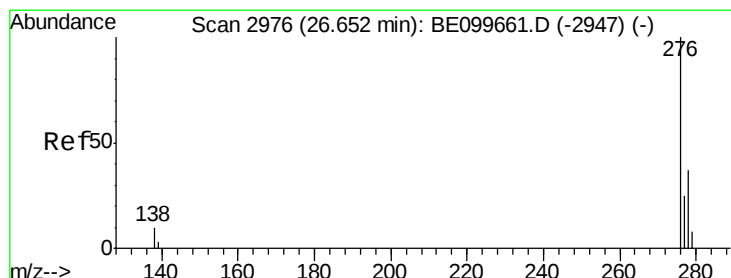
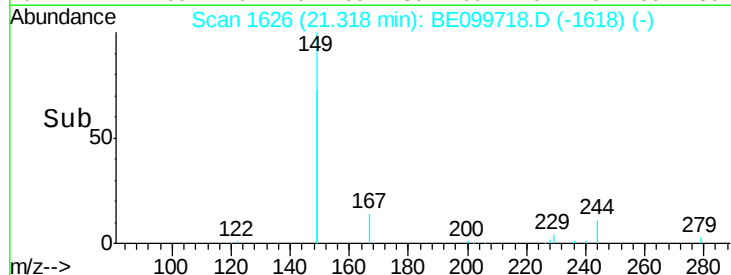
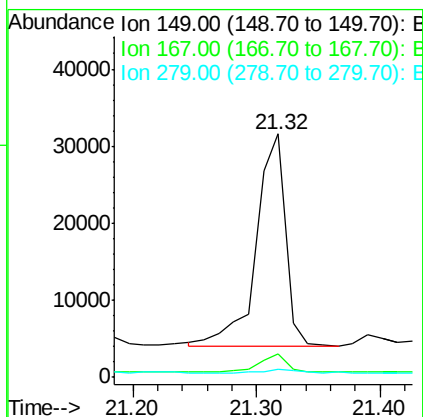
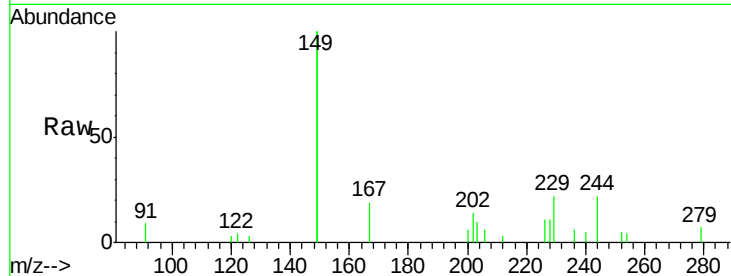




#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.805 ng  
 RT: 21.32 min Scan# 1626  
 Delta R.T. -0.00 min  
 Lab File: BE099718.D  
 Acq: 22 May 2019 13:55

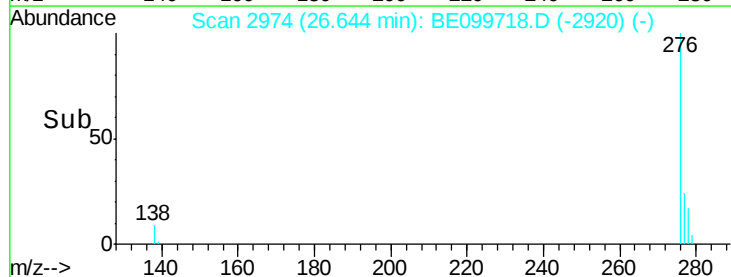
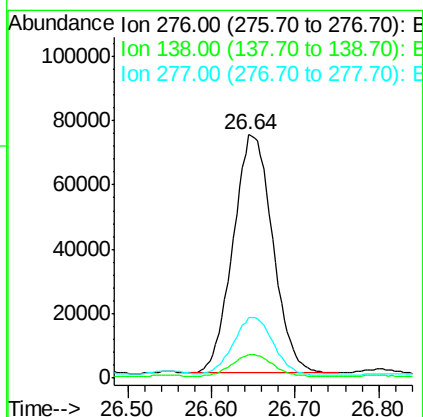
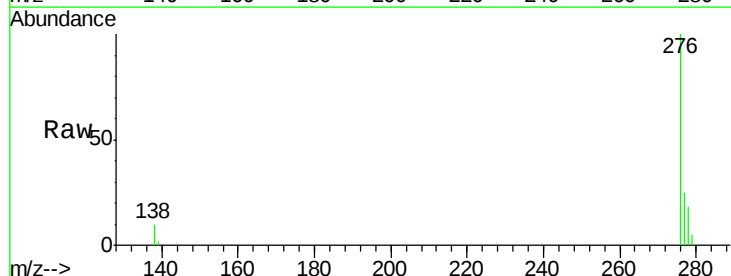
Instrument :  
 BNA\_E  
 ClientSampleId :  
 FESB-13(9.5-10)

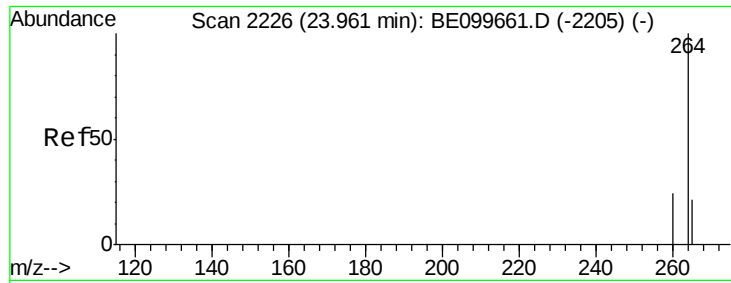
Tgt Ion:149 Resp: 46694  
 Ion Ratio Lower Upper  
 149 100  
 167 7.2 6.2 9.4  
 279 1.8 1.2 1.8#



#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.758 ng  
 RT: 26.64 min Scan# 2974  
 Delta R.T. -0.01 min  
 Lab File: BE099718.D  
 Acq: 22 May 2019 13:55

Tgt Ion:276 Resp: 244184  
 Ion Ratio Lower Upper  
 276 100  
 138 9.6 9.6 14.4#  
 277 25.0 19.2 28.8

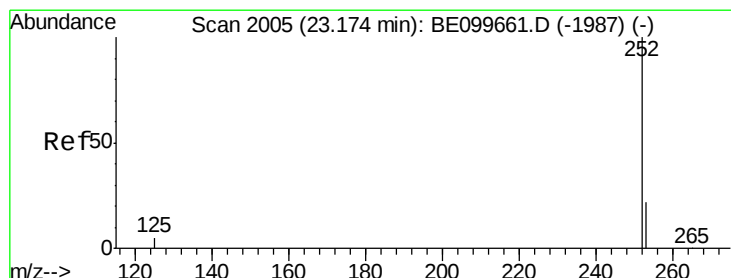
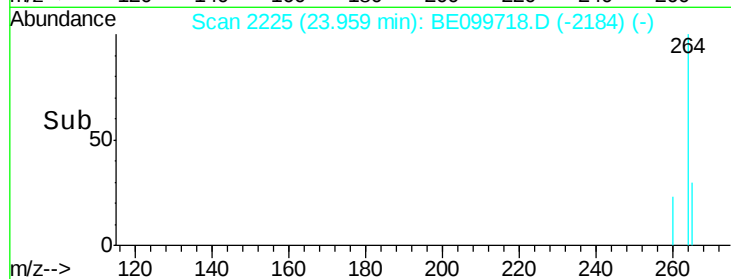
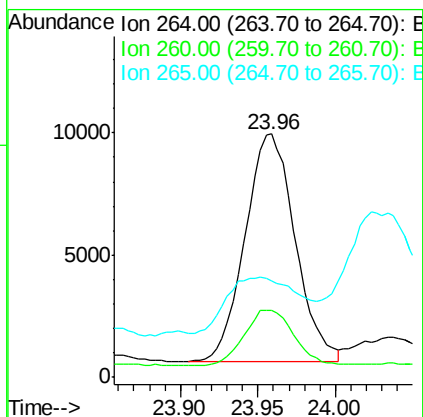
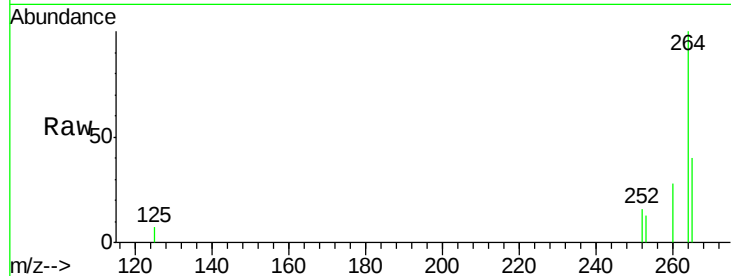




#34  
**Perylene-d12**  
 Concen: 0.400 ng  
 RT: 23.96 min Scan# 2225  
 Delta R.T. -0.00 min  
 Lab File: BE099718.D  
 Acq: 22 May 2019 13:55

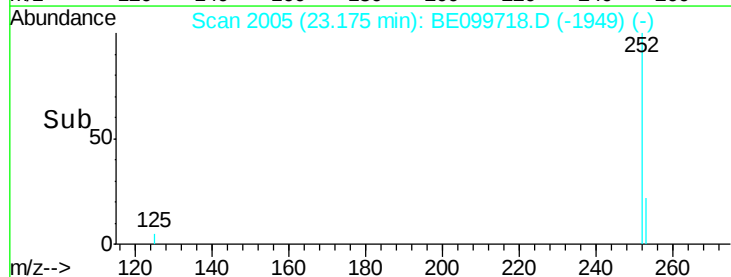
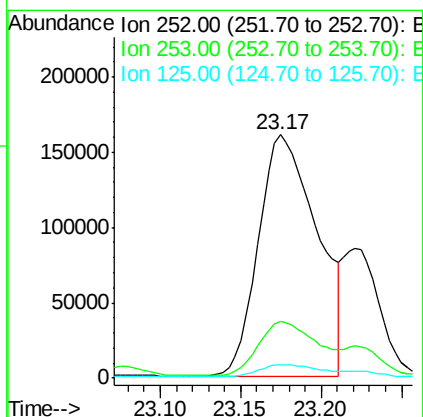
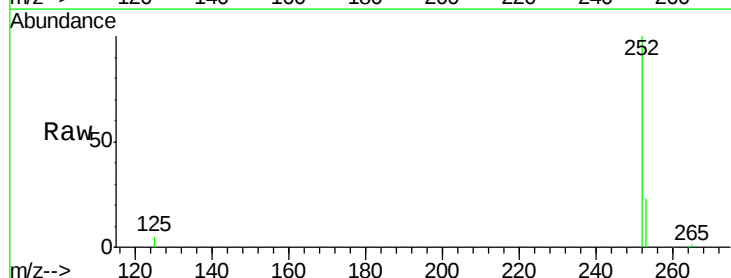
Instrument :  
 BNA\_E  
 ClientSampleId :  
 FESB-13(9.5-10)

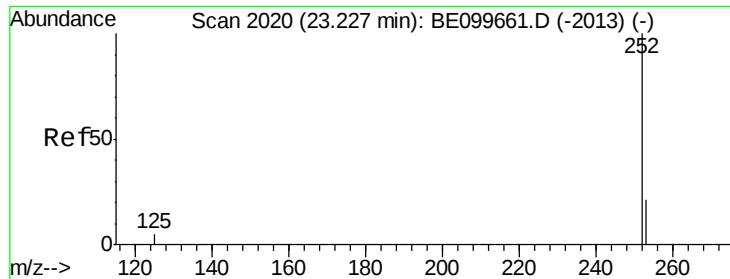
Tgt Ion: 264 Resp: 20853  
 Ion Ratio Lower Upper  
 264 100  
 260 27.5 19.6 29.4  
 265 39.8 19.1 28.7#



#35  
**Benzo(b)fluoranthene**  
 Concen: 7.141 ng  
 RT: 23.17 min Scan# 2005  
 Delta R.T. 0.00 min  
 Lab File: BE099718.D  
 Acq: 22 May 2019 13:55

Tgt Ion: 252 Resp: 408042  
 Ion Ratio Lower Upper  
 252 100  
 253 23.3 18.2 27.4  
 125 5.4 4.5 6.7

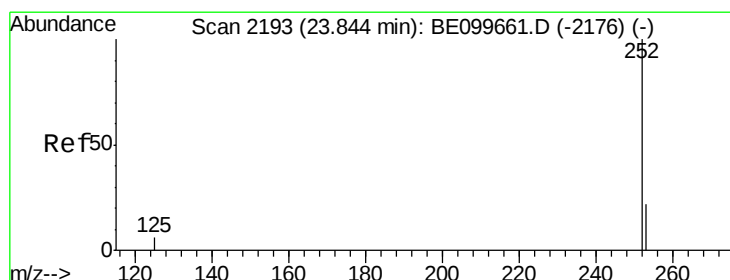
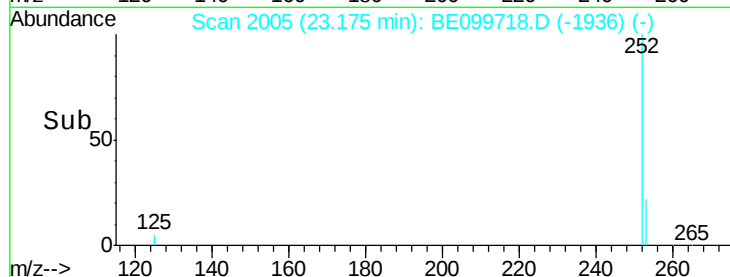
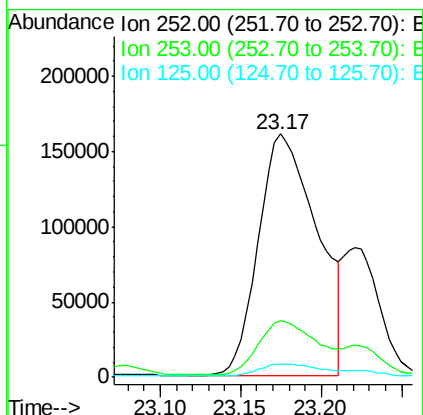
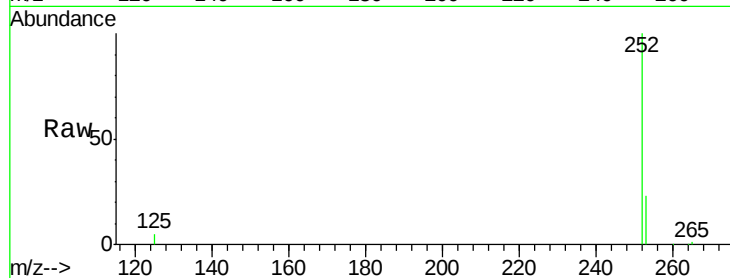




#36  
Benzo(k)fluoranthene  
Concen: 6.850 ng  
RT: 23.17 min Scan# 2005  
Delta R.T. -0.05 min  
Lab File: BE099718.D  
Acq: 22 May 2019 13:55

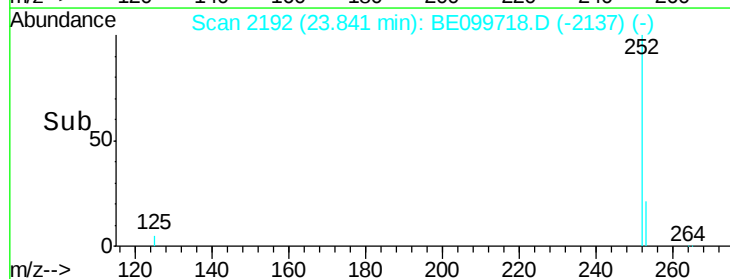
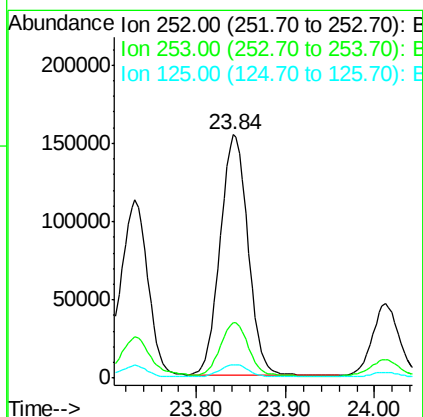
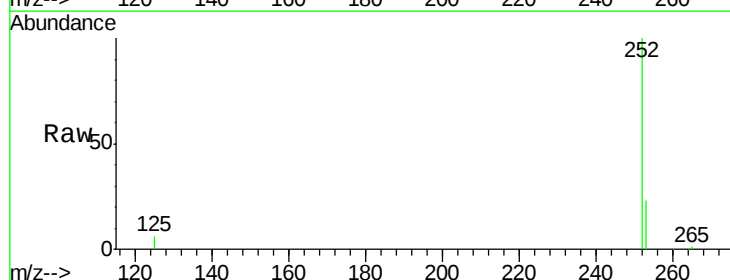
Instrument :  
BNA\_E  
ClientSampleId :  
FESB-13(9.5-10)

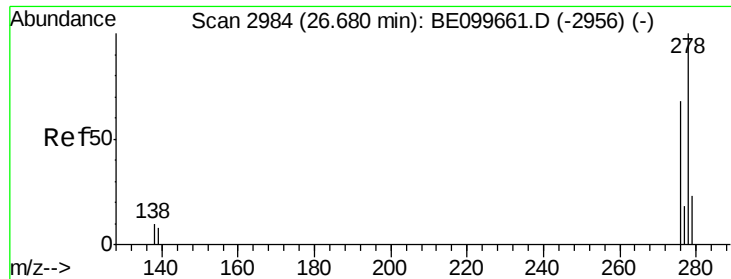
Tgt Ion:252 Resp: 408042  
Ion Ratio Lower Upper  
252 100  
253 23.3 17.8 26.8  
125 5.4 4.6 6.8



#37  
Benzo(a)pyrene  
Concen: 6.163 ng  
RT: 23.84 min Scan# 2192  
Delta R.T. -0.00 min  
Lab File: BE099718.D  
Acq: 22 May 2019 13:55

Tgt Ion:252 Resp: 338875  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.9 28.3  
125 5.5 5.4 8.0

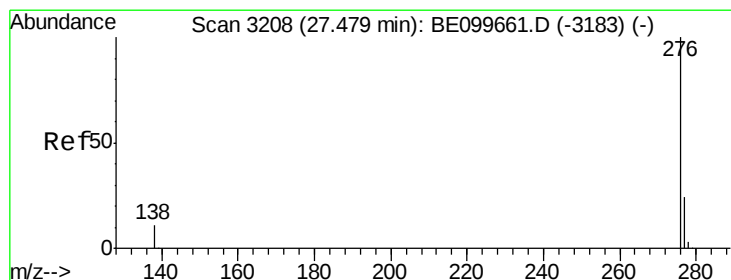
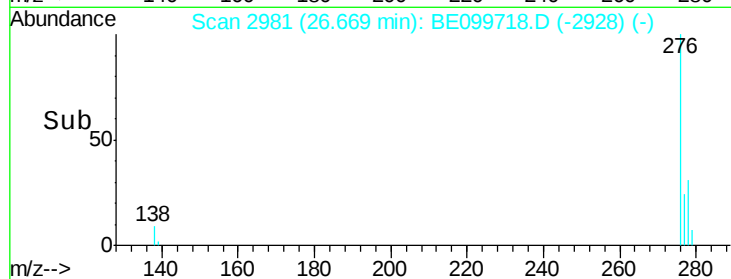
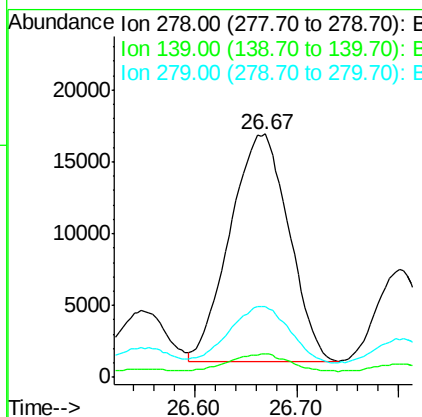
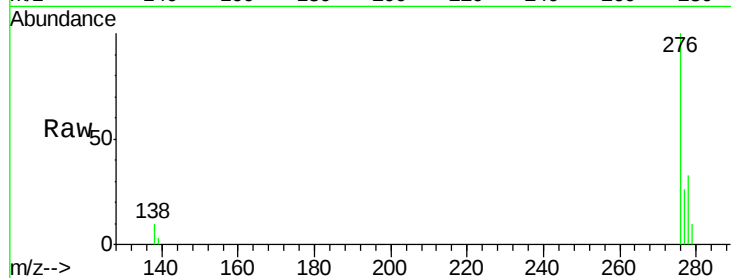




#38  
 Dibenzo(a,h)anthracene  
 Concen: 1.095 ng  
 RT: 26.67 min Scan# 2981  
 Delta R.T. -0.01 min  
 Lab File: BE099718.D  
 Acq: 22 May 2019 13:55

Instrument :  
 BNA\_E  
 ClientSampleId :  
 FESB-13(9.5-10)

Tgt Ion:278 Resp: 63206  
 Ion Ratio Lower Upper  
 278 100  
 139 9.5 6.9 10.3  
 279 29.3 19.2 28.8#



#39  
 Benzo(g,h,i)perylene  
 Concen: 4.049 ng  
 RT: 27.49 min Scan# 3210  
 Delta R.T. 0.01 min  
 Lab File: BE099718.D  
 Acq: 22 May 2019 13:55

Tgt Ion:276 Resp: 236091  
 Ion Ratio Lower Upper  
 276 100  
 277 24.7 19.8 29.6  
 138 9.9 9.2 13.8

