

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\  
 Data File : BE099180.D  
 Acq On : 25 Mar 2019 13:07  
 Operator : JU/SJ  
 Sample : SSTDICC1.6  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC1.6

Quant Time: Mar 25 14:14:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 25 14:07:14 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 3694     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.63 | 136  | 16590    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.47 | 164  | 12198    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.21 | 188  | 30438    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.38 | 240  | 36381    | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.90 | 264  | 35431    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.41  | 112 | 17378  | 1.58 | ng | 0.00 |
| 5) Phenol-d6                | 6.99  | 99  | 27207  | 1.72 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.99  | 82  | 22250  | 3.07 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 51899  | 1.74 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.96 | 330 | 8326   | 2.32 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.10 | 172 | 79499  | 1.64 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.24 | 212 | 614977 | 1.51 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.83 | 244 | 128275 | 1.67 | ng | 0.00 |

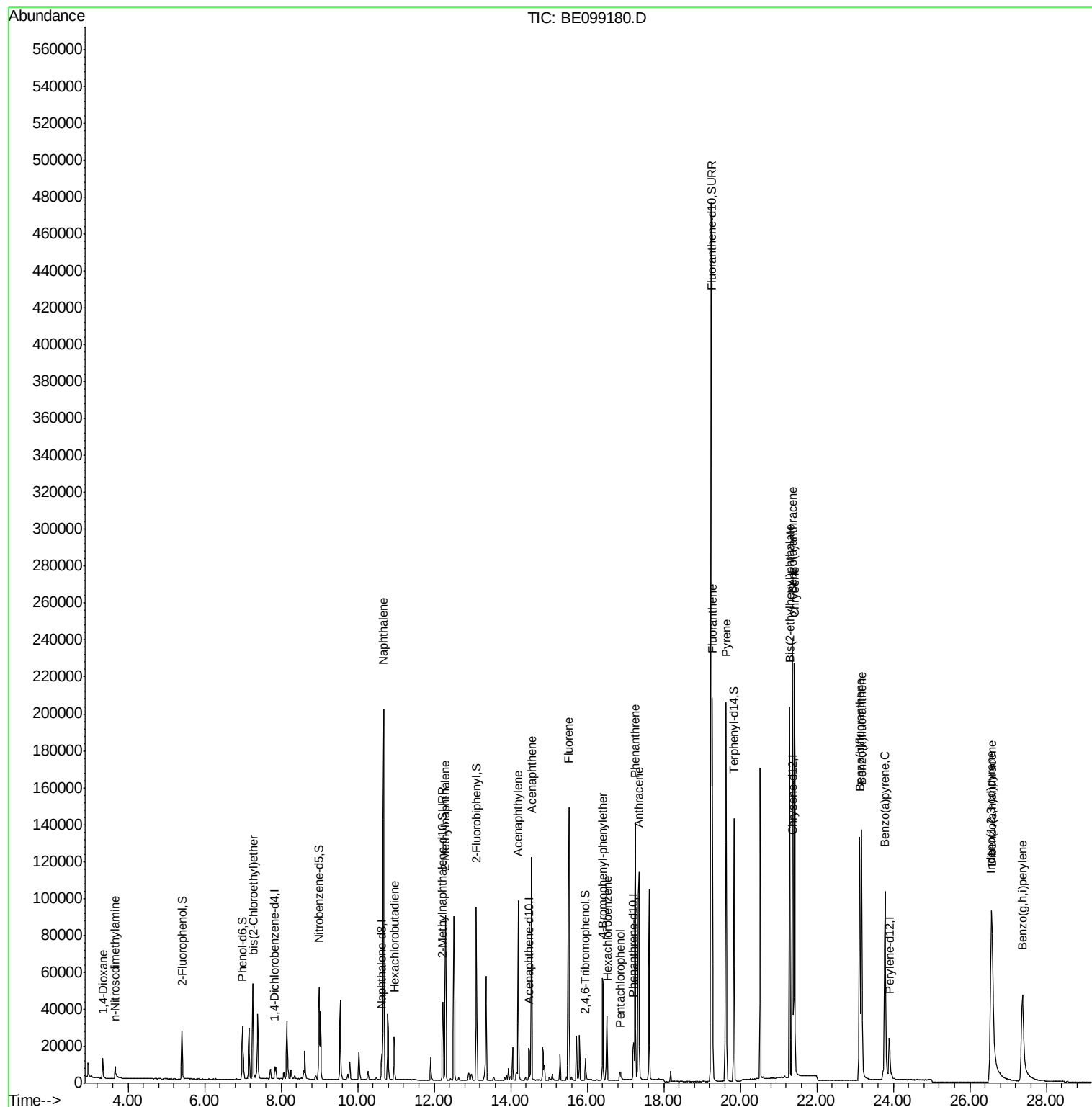
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.34  | 88  | 7755   | 1.353  | ng | 97   |
| 3) n-Nitrosodimethylamine      | 3.66  | 42  | 4713   | 1.594  | ng | # 94 |
| 6) bis(2-Chloroethyl)ether     | 7.26  | 93  | 21093  | 1.639  | ng | 97   |
| 9) Naphthalene                 | 10.68 | 128 | 319760 | 1.636  | ng | 100  |
| 10) Hexachlorobutadiene        | 10.95 | 225 | 16792  | 1.756  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.30 | 142 | 57840  | 1.727  | ng | 99   |
| 16) Acenaphthylene             | 14.20 | 152 | 105343 | 1.618  | ng | 100  |
| 17) Acenaphthene               | 14.54 | 154 | 60792  | 1.574  | ng | 99   |
| 18) Fluorene                   | 15.51 | 166 | 86184  | 1.530  | ng | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.41 | 248 | 32935  | 1.954  | ng | 99   |
| 21) Hexachlorobenzene          | 16.52 | 284 | 32039  | 2.047  | ng | 99   |
| 22) Pentachlorophenol          | 16.87 | 266 | 4107   | 0.892  | ng | 91   |
| 23) Phenanthrene               | 17.25 | 178 | 148615 | 1.644  | ng | 99   |
| 24) Anthracene                 | 17.35 | 178 | 138724 | 1.622  | ng | 100  |
| 26) Fluoranthene               | 19.27 | 202 | 194620 | 1.530  | ng | 100  |
| 28) Pyrene                     | 19.63 | 202 | 196157 | 1.590  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.37 | 228 | 200529 | 1.564  | ng | 99   |
| 31) Chrysene                   | 21.41 | 228 | 210692 | 1.645  | ng | 100  |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 229043 | 1.377  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.56 | 276 | 201780 | 1.465  | ng | 98   |
| 35) Benzo(b)fluoranthene       | 23.12 | 252 | 198351 | 1.618  | ng | 98   |
| 36) Benzo(k)fluoranthene       | 23.17 | 252 | 206091 | 1.716  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.78 | 252 | 183776 | 1.622  | ng | 98   |
| 38) Dibenzo(a,h)anthracene     | 26.58 | 278 | 168470 | 1.529  | ng | 99   |
| 39) Benzo(g,h,i)perylene       | 27.38 | 276 | 167502 | 1.480  | ng | 100  |

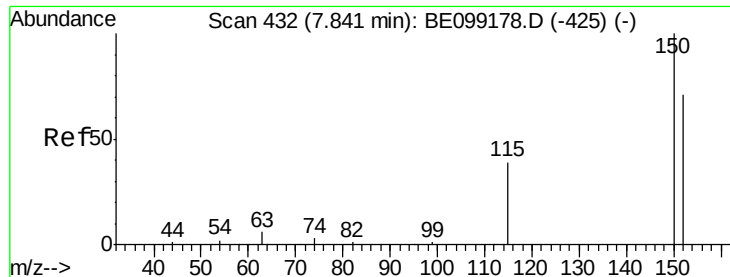
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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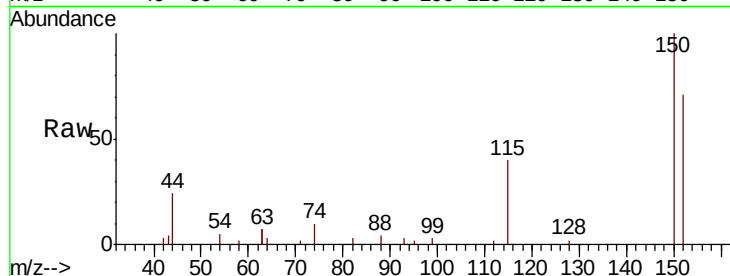


#1

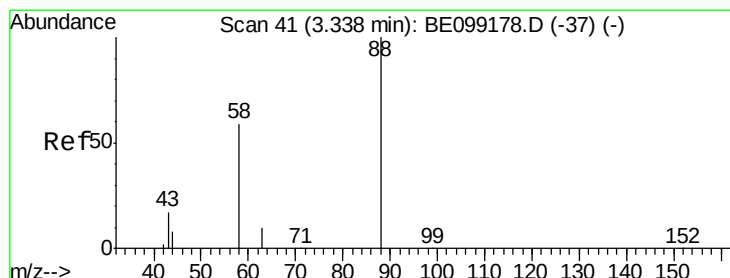
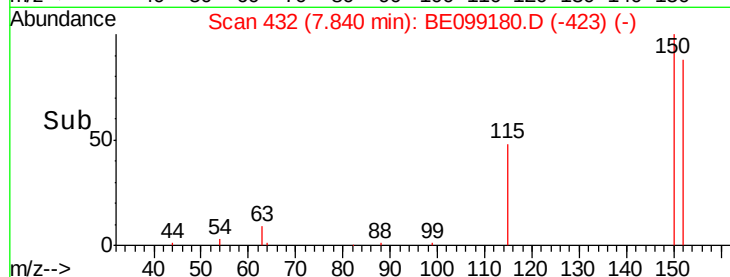
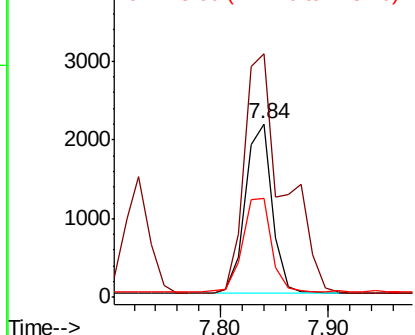
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.84 min Scan# 432  
Delta R.T. -0.00 min  
Lab File: BE099180.D  
Acq: 25 Mar 2019 13:07

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

Tot Ion:152 Resp: 3694  
Ion Ratio Lower Upper  
152 100  
150 140.6 112.8 169.2  
115 56.8 45.1 67.7



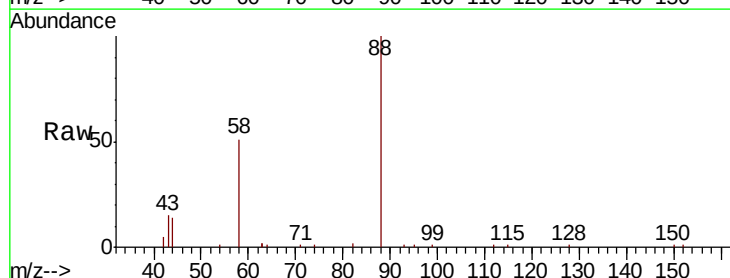
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



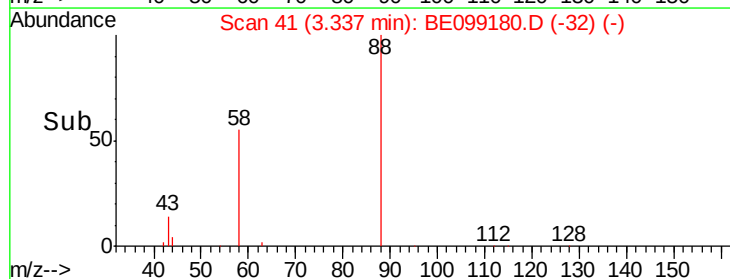
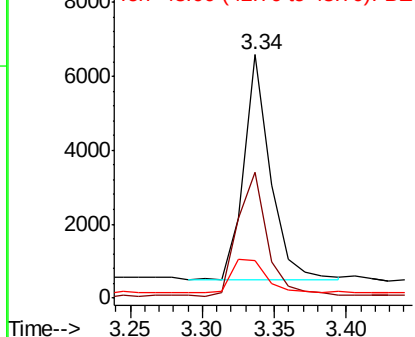
#2

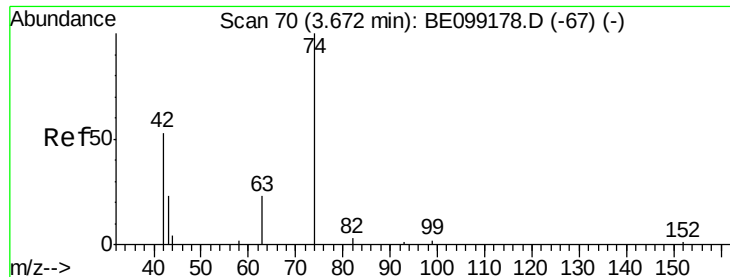
1,4-Dioxane  
Concen: 1.353 ng  
RT: 3.34 min Scan# 41  
Delta R.T. -0.00 min  
Lab File: BE099180.D  
Acq: 25 Mar 2019 13:07

Tgt Ion: 88 Resp: 7755  
Ion Ratio Lower Upper  
88 100  
58 62.2 47.4 71.0  
43 18.7 15.6 23.4



Abundance Ion 88.00 (87.70 to 88.70): BE0  
Ion 58.00 (57.70 to 58.70): BE0  
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.594 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

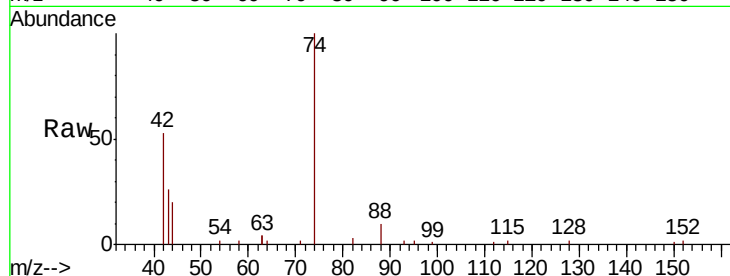
Tot Ion: 42 Resp: 4713

Ion Ratio Lower Upper

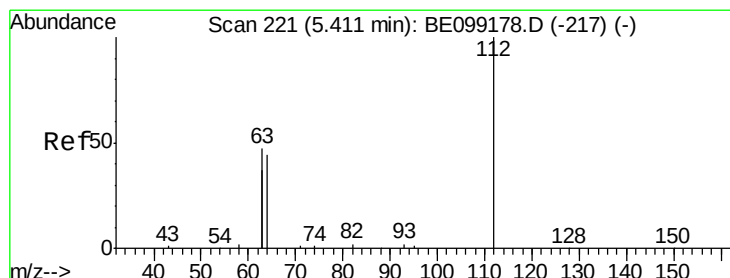
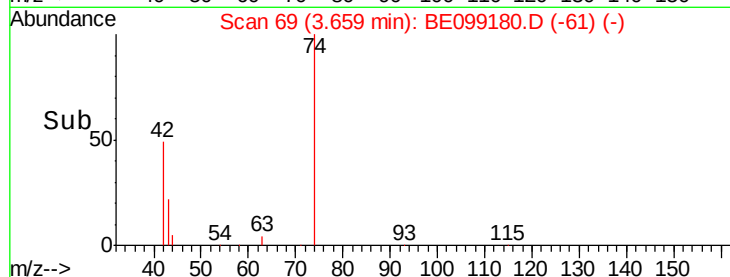
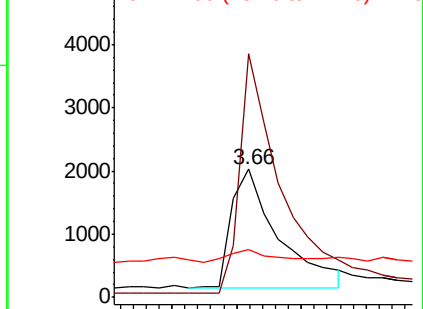
42 100

74 180.6 138.6 207.8

44 11.2 15.0 22.6#



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: 1.580 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

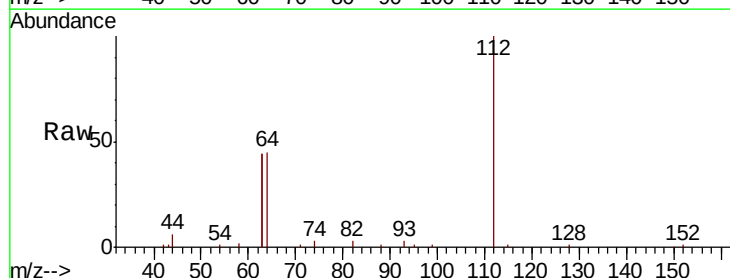
Tgt Ion: 112 Resp: 17378

Ion Ratio Lower Upper

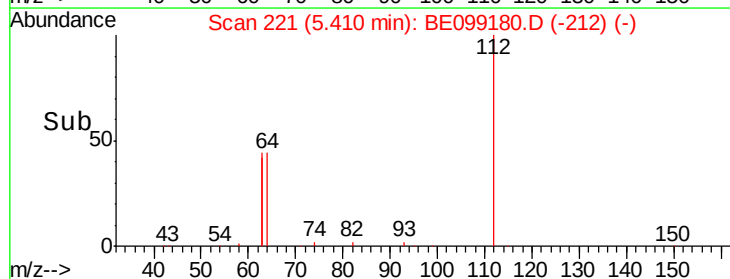
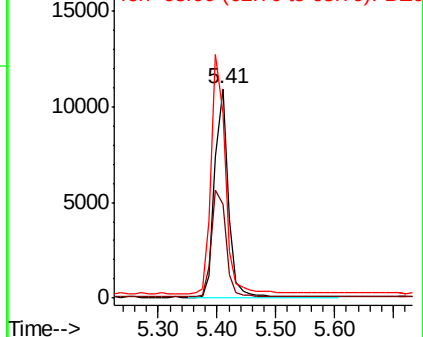
112 100

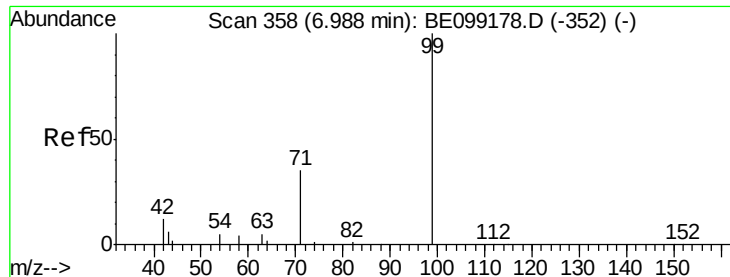
64 55.4 46.2 69.2

63 117.5 89.9 134.9



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: 1.718 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

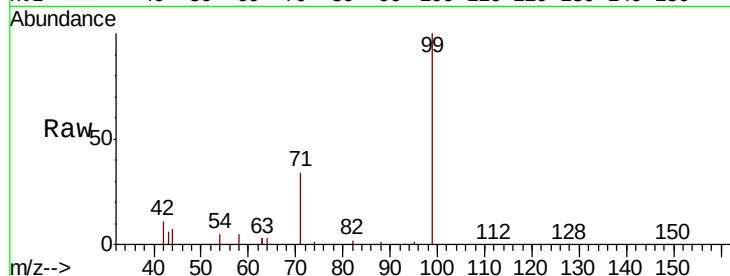
Tot Ion: 99 Resp: 27207

Ion Ratio Lower Upper

99 100

42 14.4 12.4 18.6

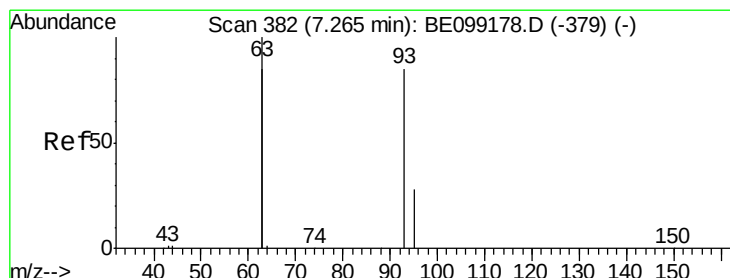
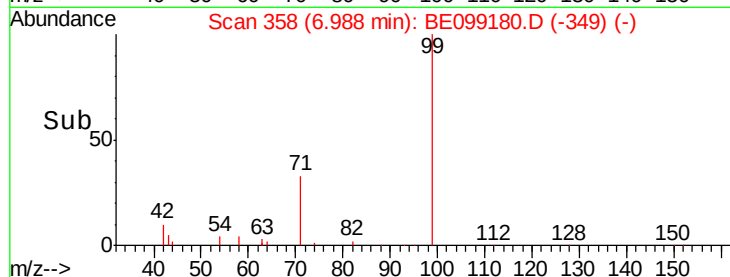
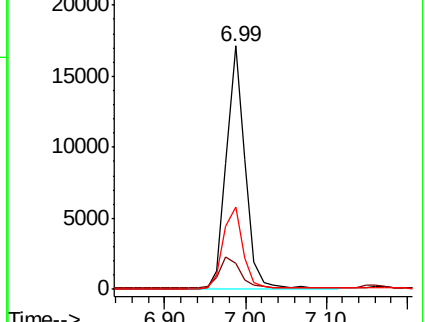
71 35.4 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 1.639 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

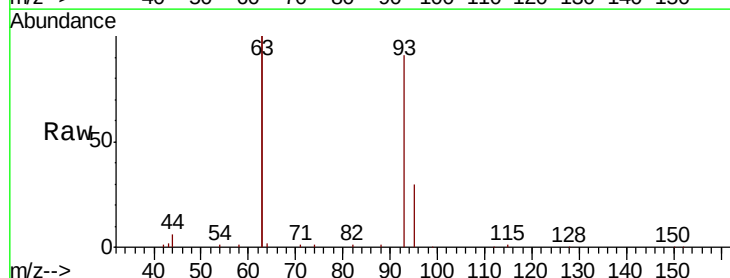
Tgt Ion: 93 Resp: 21093

Ion Ratio Lower Upper

93 100

63 282.8 221.4 332.0

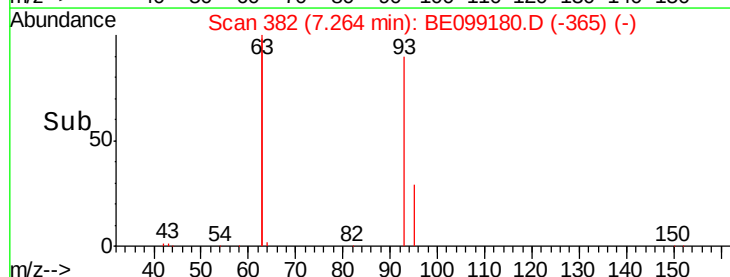
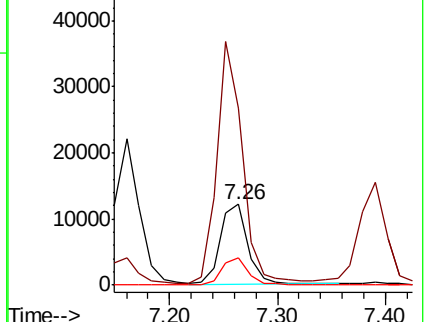
95 32.1 25.8 38.8

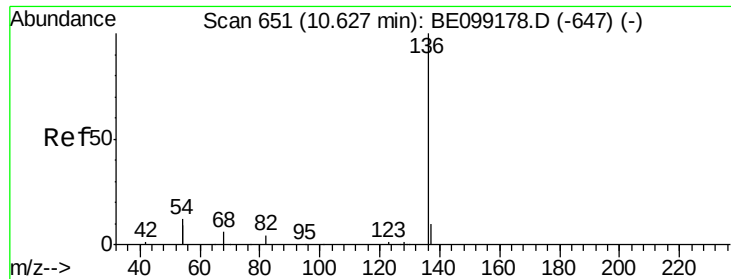


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 16590

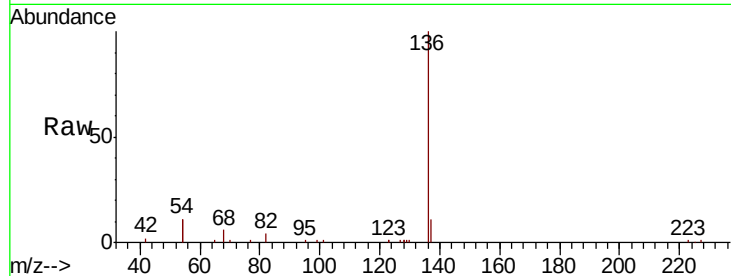
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 21.6 18.7 28.1

68 6.1 5.2 7.8

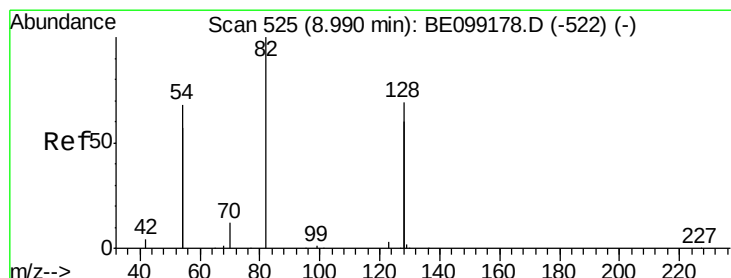
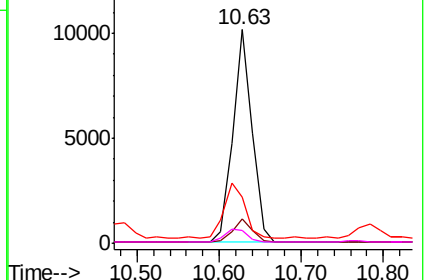
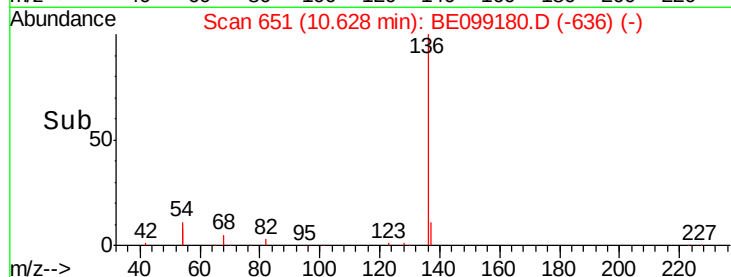


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.068 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

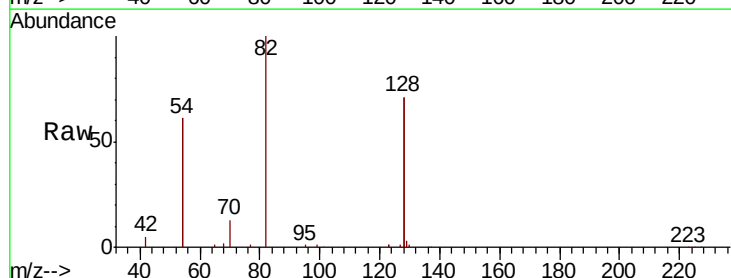
Tgt Ion: 82 Resp: 22250

Ion Ratio Lower Upper

82 100

128 141.8 107.5 161.3

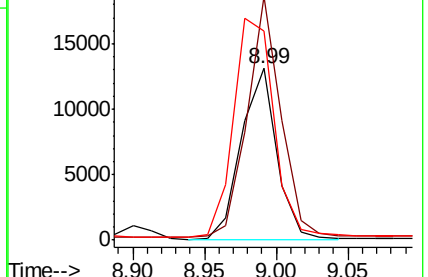
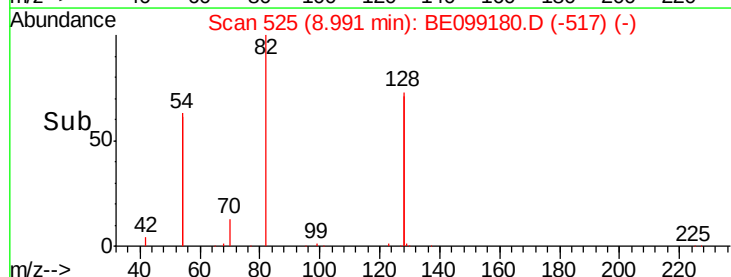
54 121.9 106.3 159.5

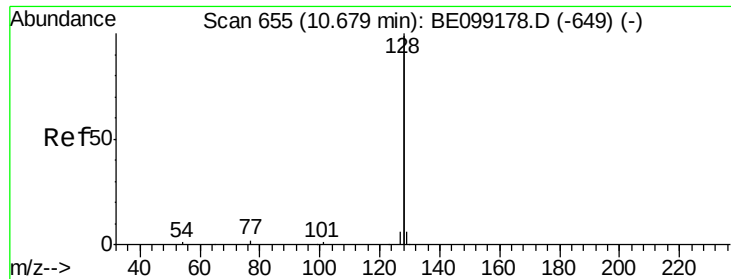


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.636 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

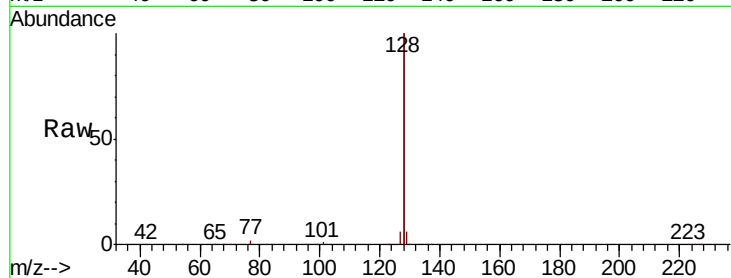
Tot Ion:128 Resp: 319760

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

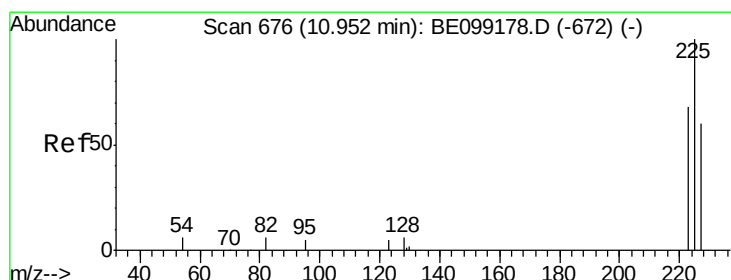
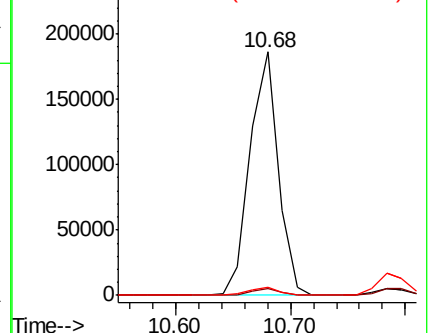
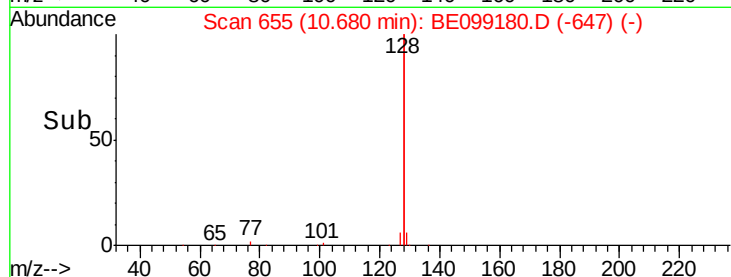
127 3.1 2.6 3.8



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



#10

Hexachlorobutadiene

Concen: 1.756 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

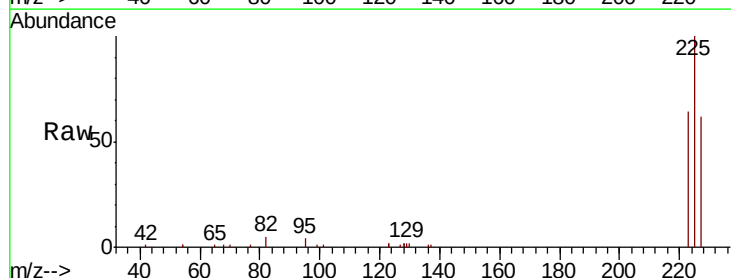
Tgt Ion:225 Resp: 16792

Ion Ratio Lower Upper

225 100

223 63.7 51.3 76.9

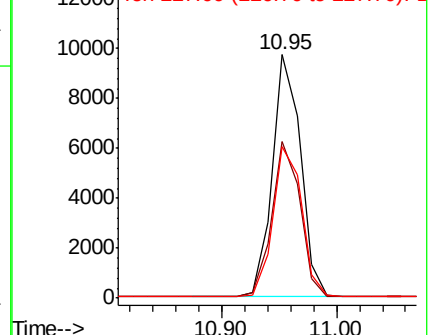
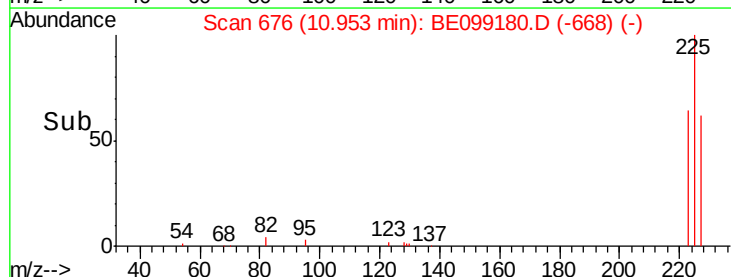
227 63.3 48.6 73.0

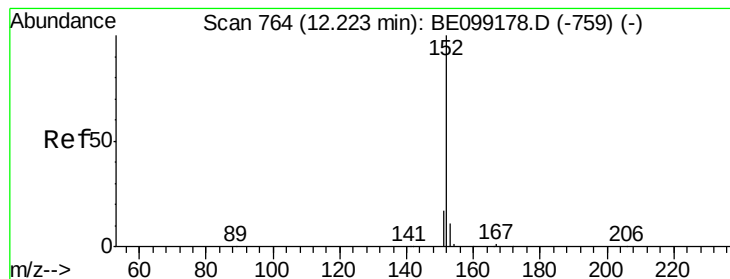


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.737 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

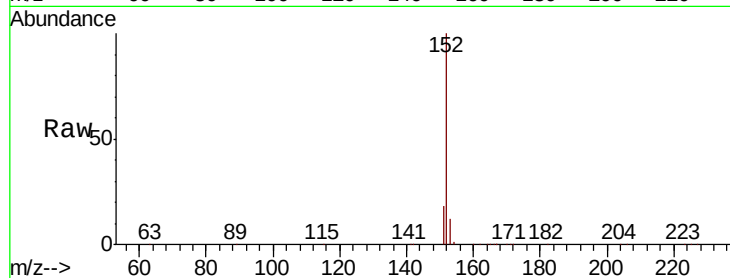
SSTDICC1.6

Tot Ion:152 Resp: 51899

Ion Ratio Lower Upper

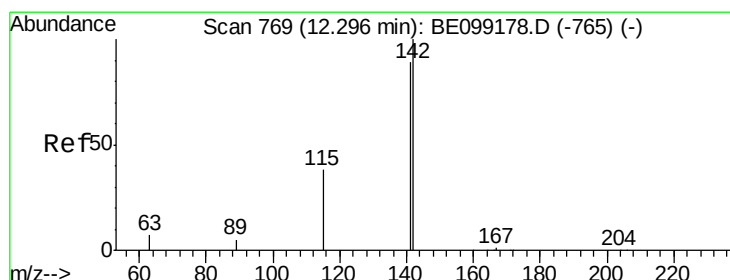
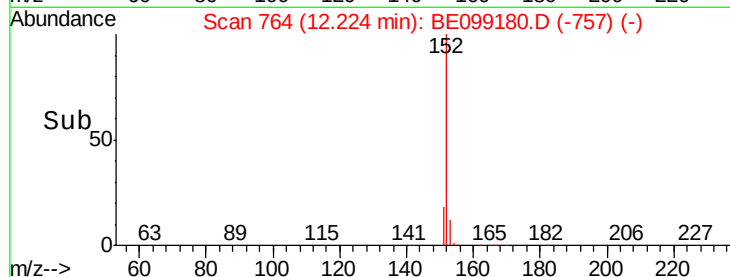
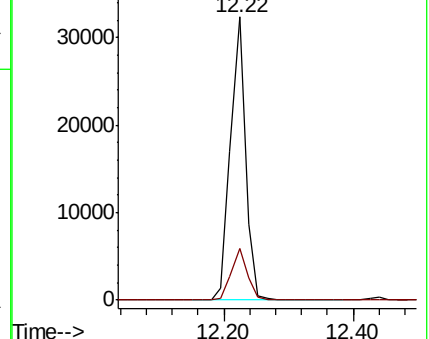
152 100

151 19.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.727 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

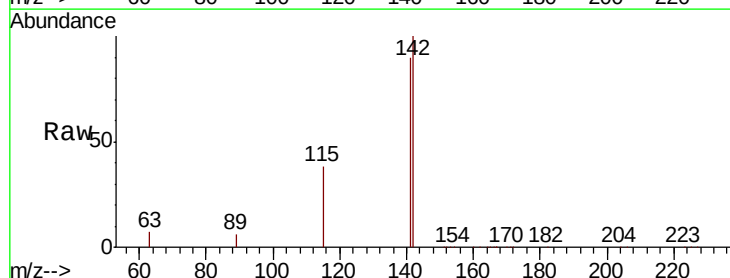
Tgt Ion:142 Resp: 57840

Ion Ratio Lower Upper

142 100

141 89.9 71.3 106.9

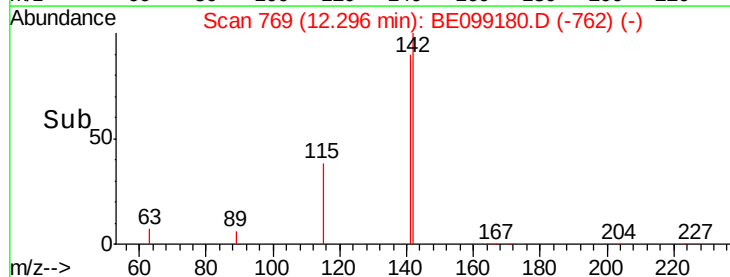
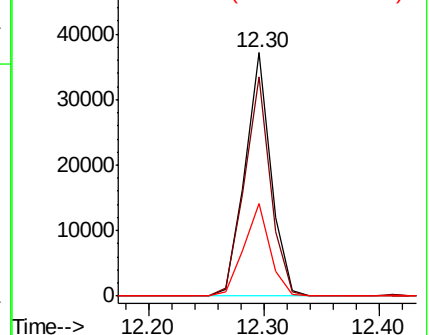
115 38.0 30.4 45.6



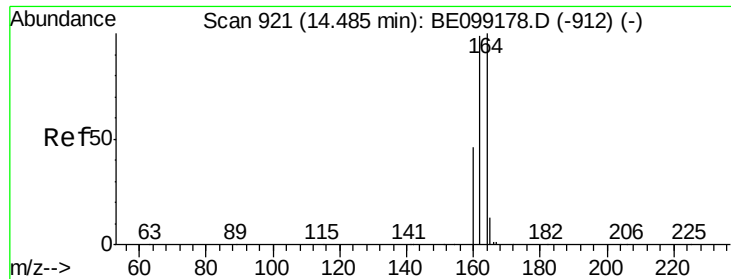
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



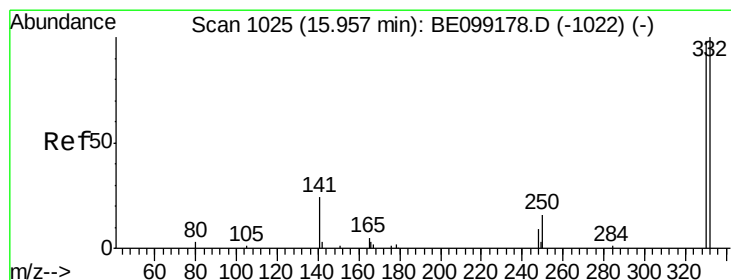
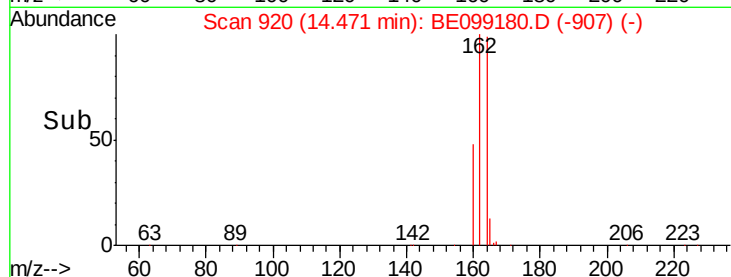
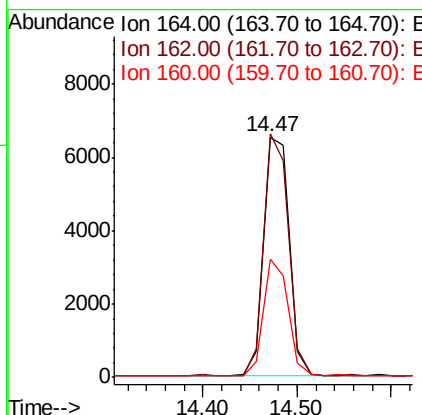
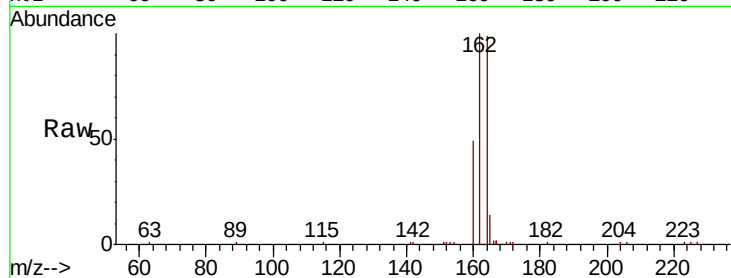




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.47 min Scan# 920  
 Delta R.T. -0.01 min  
 Lab File: BE099180.D  
 Acq: 25 Mar 2019 13:07

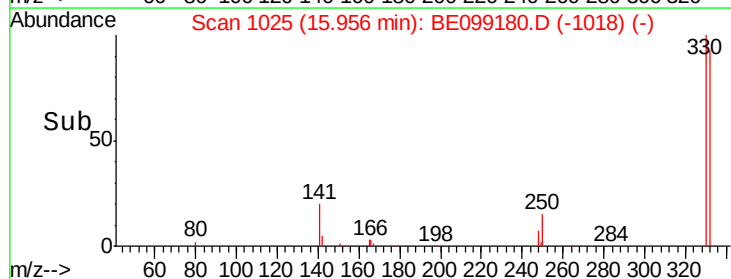
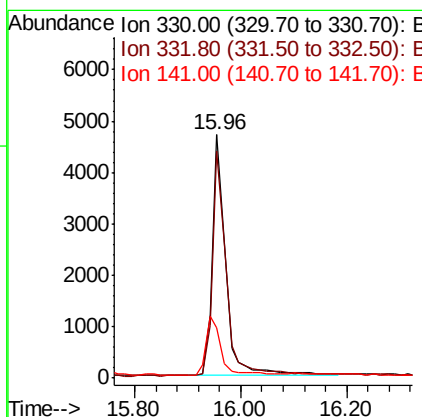
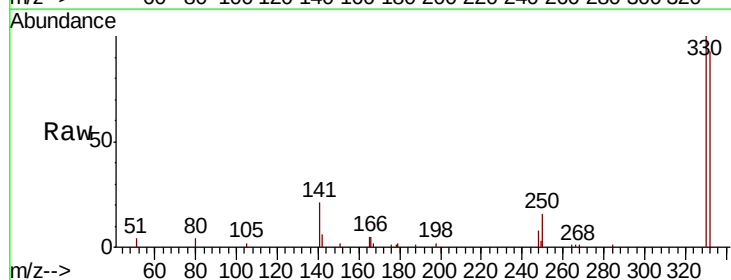
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC1.6

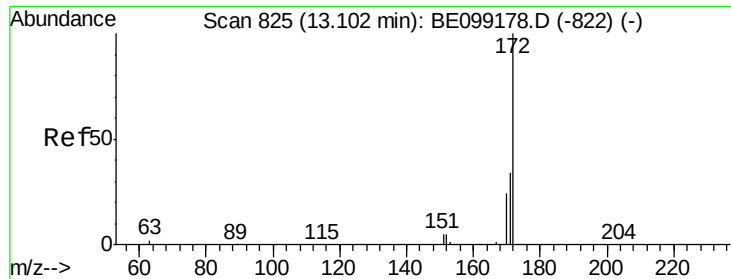
Tot Ion:164 Resp: 12198  
 Ion Ratio Lower Upper  
 164 100  
 162 101.3 79.2 118.8  
 160 49.2 36.7 55.1



#14  
 2,4,6-Tribromophenol  
 Concen: 2.322 ng  
 RT: 15.96 min Scan# 1025  
 Delta R.T. -0.00 min  
 Lab File: BE099180.D  
 Acq: 25 Mar 2019 13:07

Tgt Ion:330 Resp: 8326  
 Ion Ratio Lower Upper  
 330 100  
 332 95.0 71.3 106.9  
 141 27.6 21.7 32.5

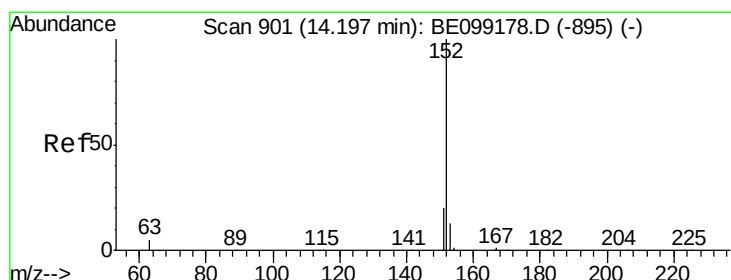
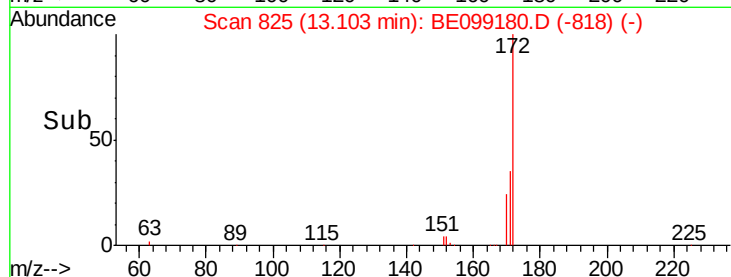
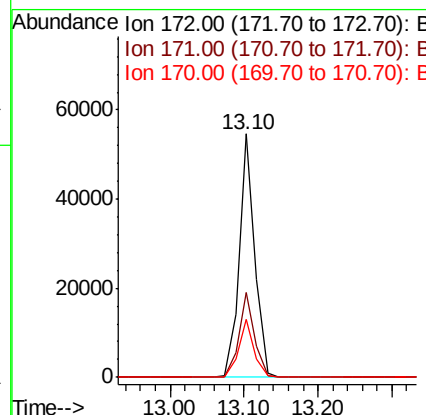
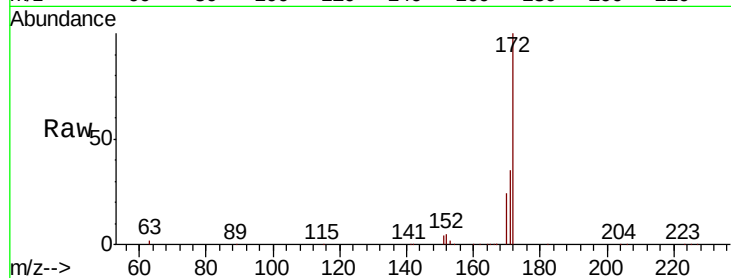




#15  
2-Fluorobiphenyl  
Concen: 1.639 ng  
RT: 13.10 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BE099180.D  
Acq: 25 Mar 2019 13:07

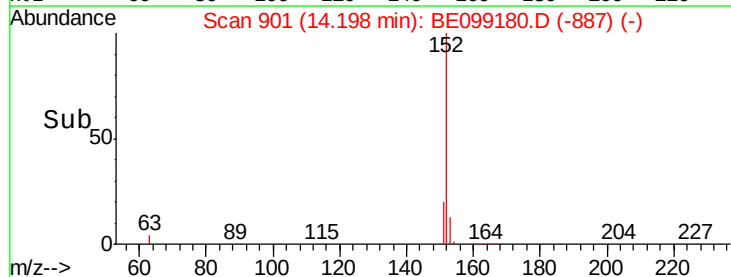
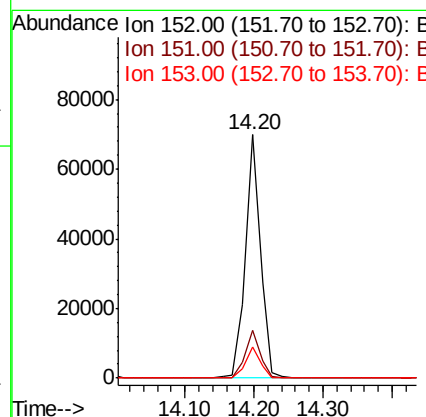
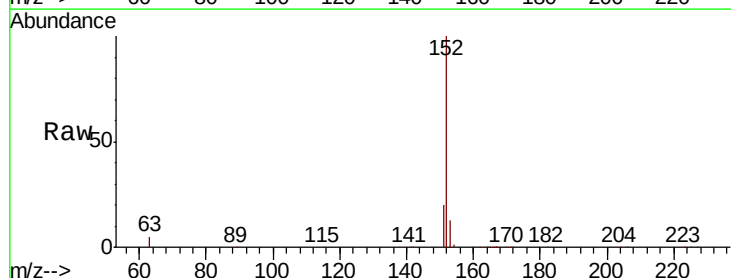
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

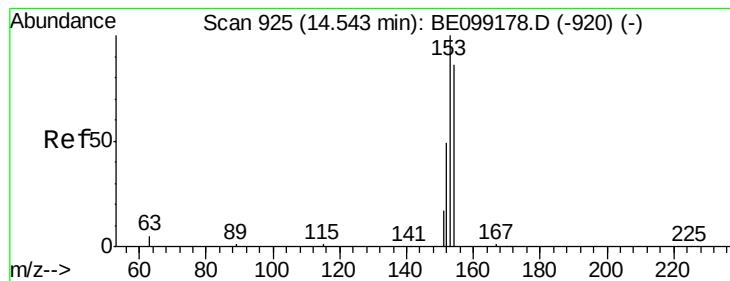
Tot Ion:172 Resp: 79499  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.4 41.0  
170 24.0 19.1 28.7



#16  
Acenaphthylene  
Concen: 1.618 ng  
RT: 14.20 min Scan# 901  
Delta R.T. 0.00 min  
Lab File: BE099180.D  
Acq: 25 Mar 2019 13:07

Tgt Ion:152 Resp: 105343  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.7 23.5  
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 1.574 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

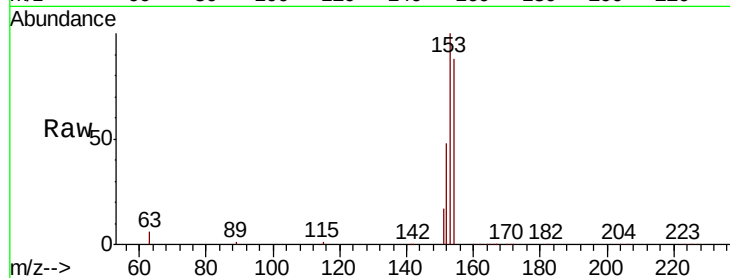
Tot Ion:154 Resp: 60792

Ion Ratio Lower Upper

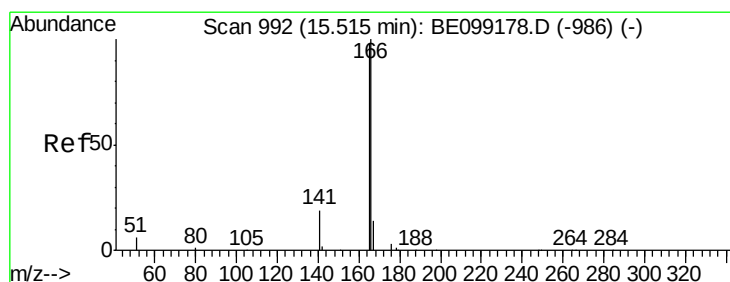
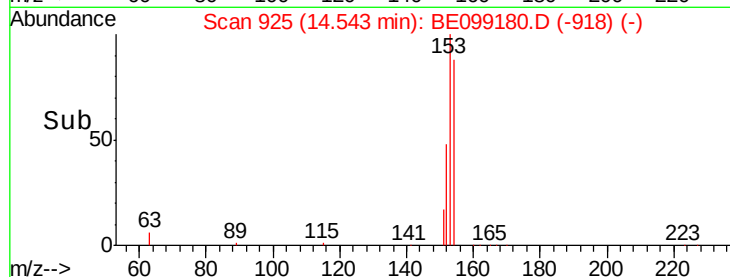
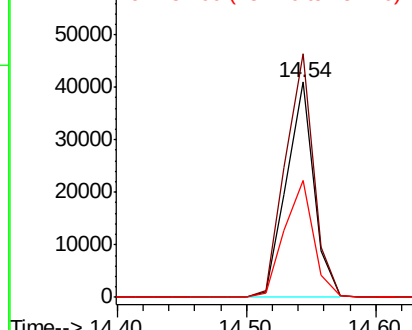
154 100

153 116.3 93.4 140.0

152 56.7 46.6 69.8



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: 1.530 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

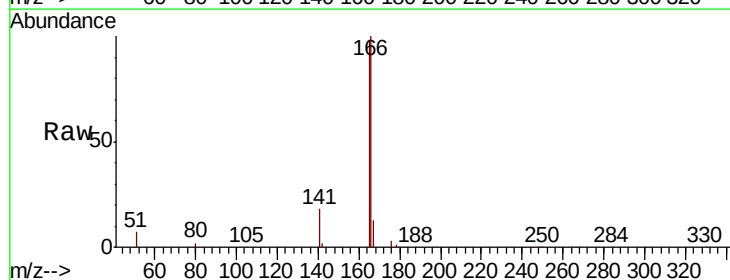
Tgt Ion:166 Resp: 86184

Ion Ratio Lower Upper

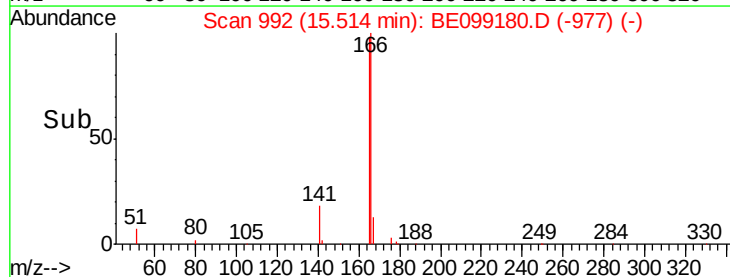
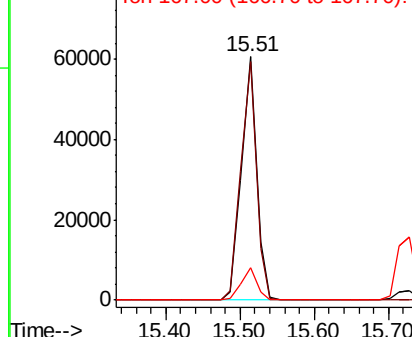
166 100

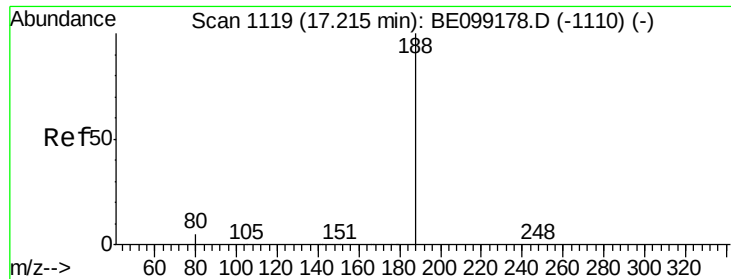
165 99.7 78.9 118.3

167 13.3 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

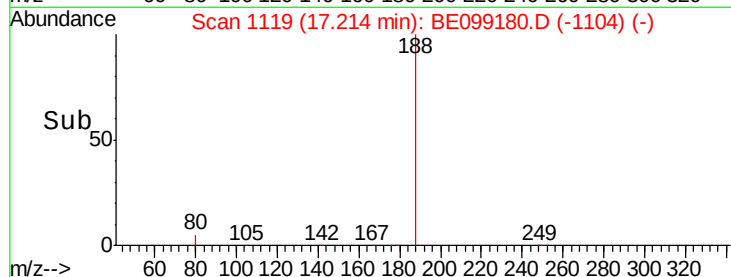
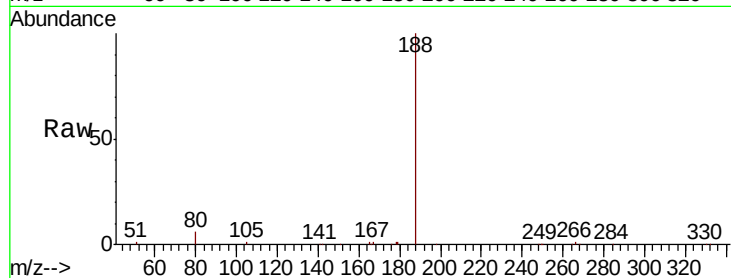
Tot Ion:188 Resp: 30438

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

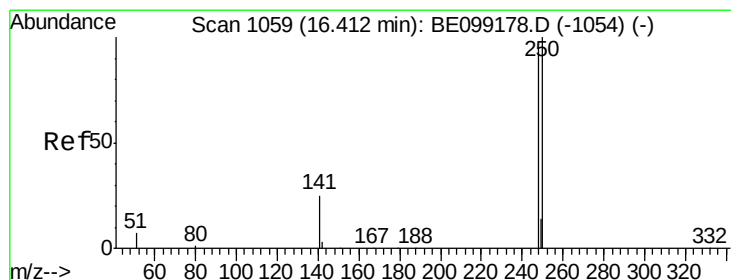
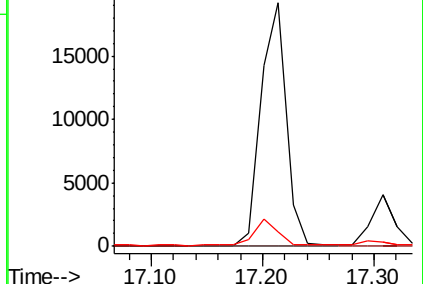
80 5.8 4.5 6.7



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



#20

4-Bromophenyl-phenylether

Concen: 1.954 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

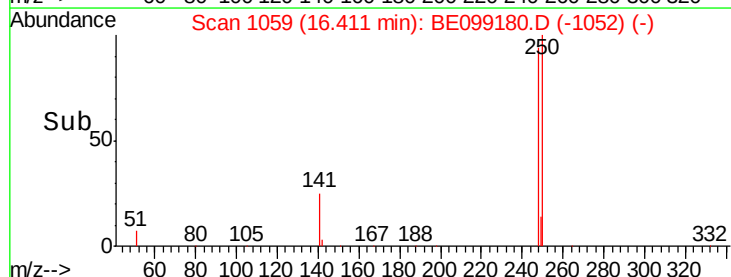
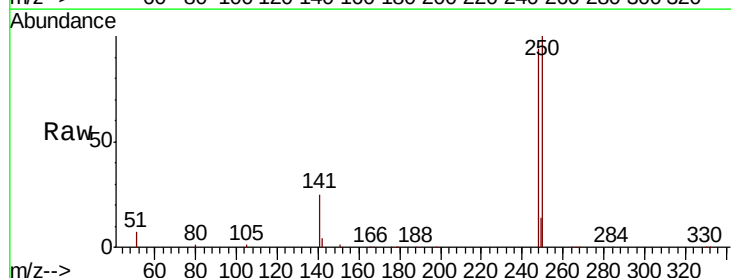
Tgt Ion:248 Resp: 32935

Ion Ratio Lower Upper

248 100

250 106.6 84.2 126.2

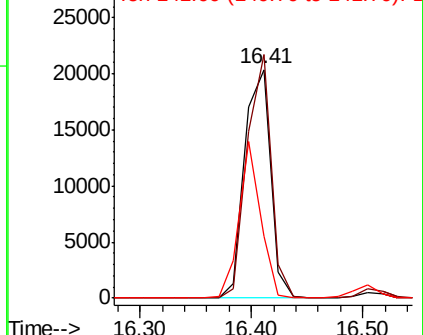
141 27.1 21.8 32.6

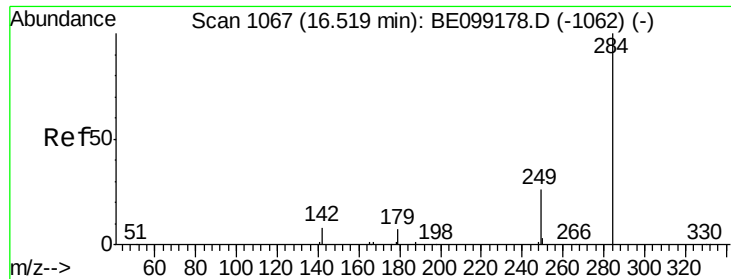


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

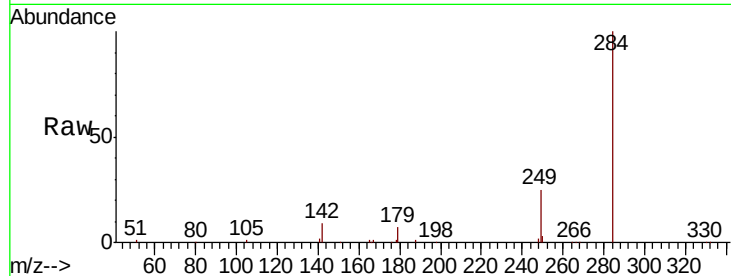




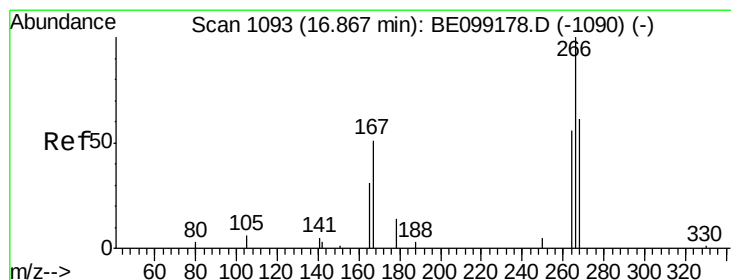
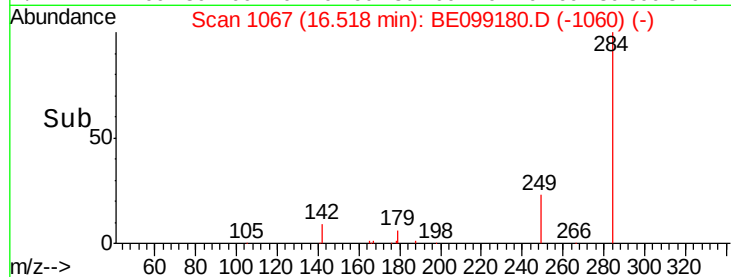
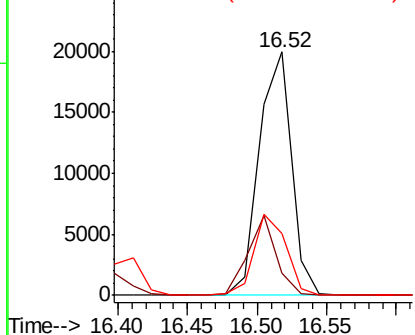
#21  
Hexachlorobenzene  
Concen: 2.047 ng  
RT: 16.52 min Scan# 1067  
Delta R.T. -0.00 min  
Lab File: BE099180.D  
Acq: 25 Mar 2019 13:07

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

Tot Ion:284 Resp: 32039  
Ion Ratio Lower Upper  
284 100  
142 28.4 22.7 34.1  
249 32.6 26.9 40.3

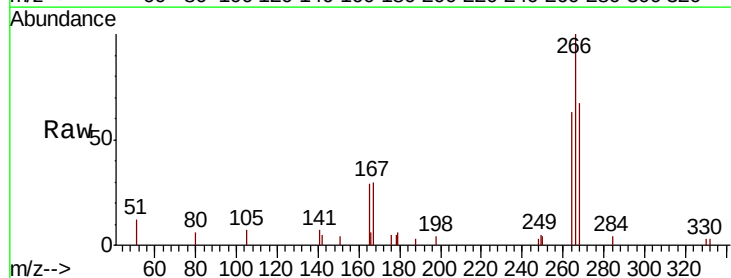


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

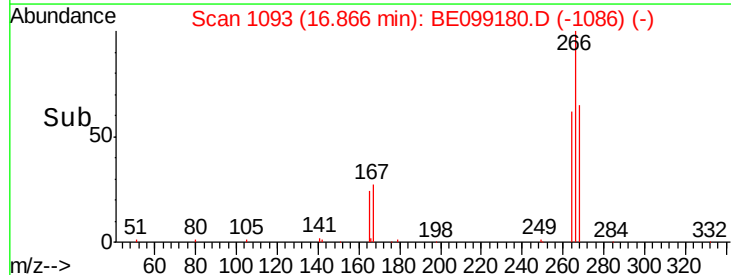
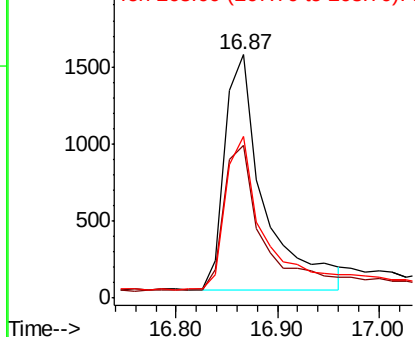


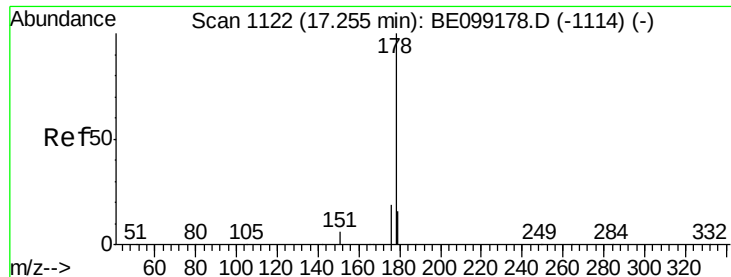
#22  
Pentachlorophenol  
Concen: 0.892 ng  
RT: 16.87 min Scan# 1093  
Delta R.T. -0.00 min  
Lab File: BE099180.D  
Acq: 25 Mar 2019 13:07

Tgt Ion:266 Resp: 4107  
Ion Ratio Lower Upper  
266 100  
264 62.5 54.4 81.6  
268 66.7 61.3 91.9



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: 1.644 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

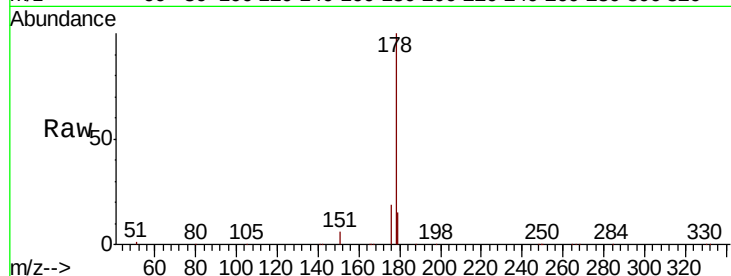
Tot Ion:178 Resp: 148615

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

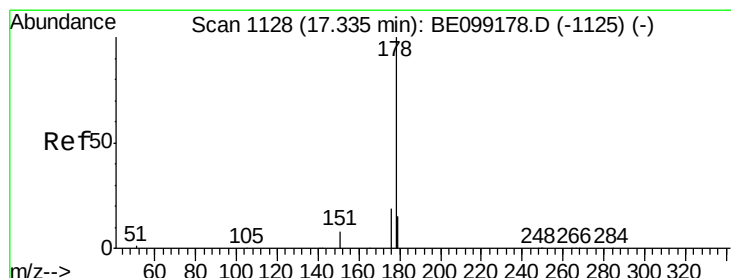
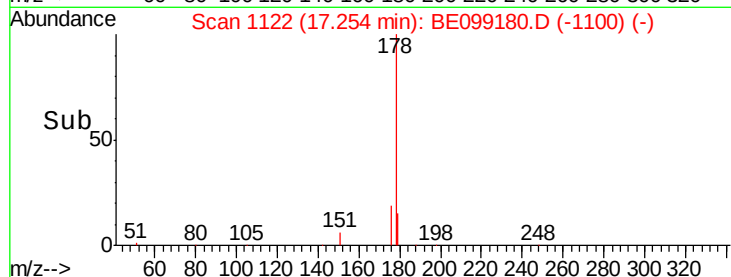
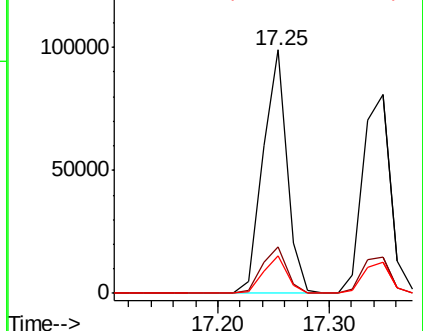
179 15.2 12.3 18.5



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: 1.622 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

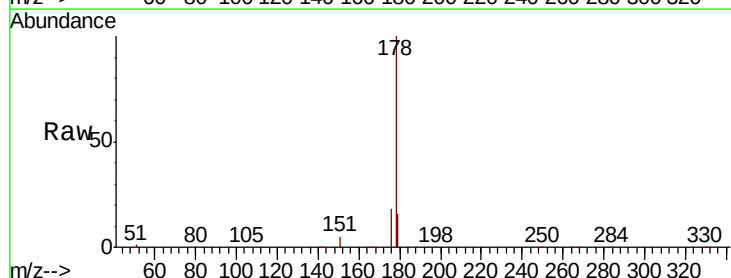
Tgt Ion:178 Resp: 138724

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

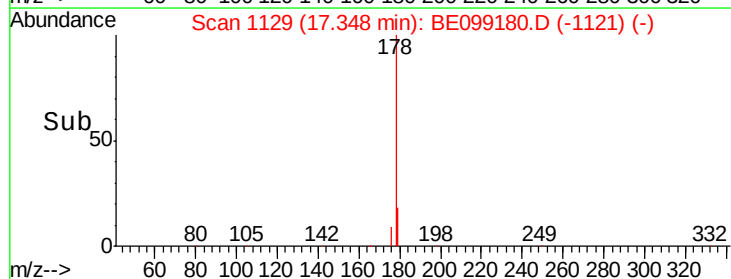
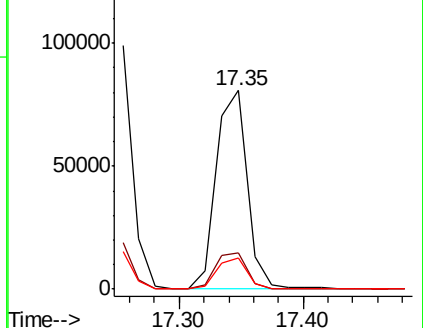
179 15.5 12.4 18.6

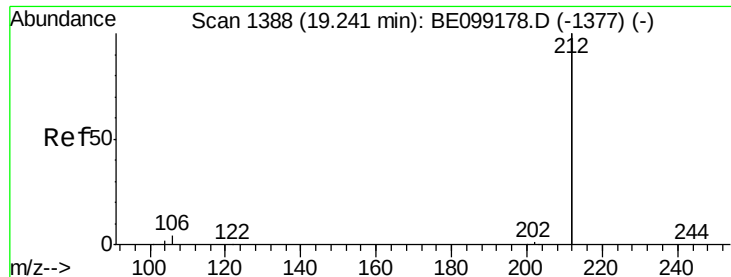


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.514 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

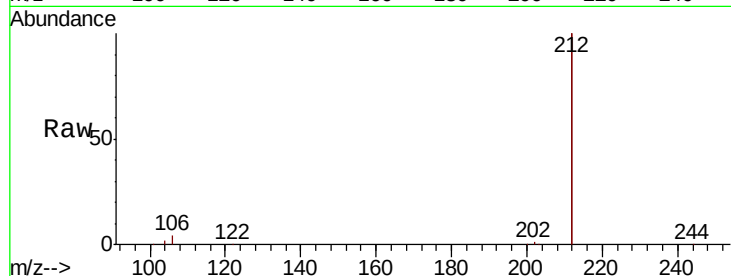
Tot Ion:212 Resp: 614977

Ion Ratio Lower Upper

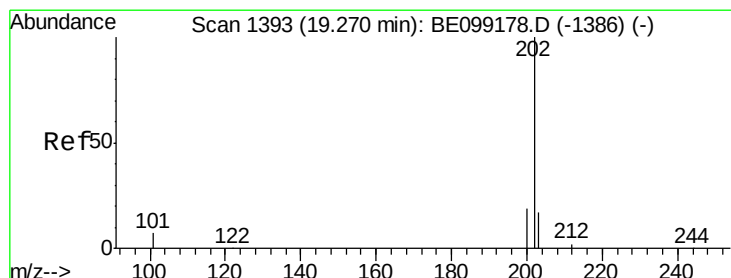
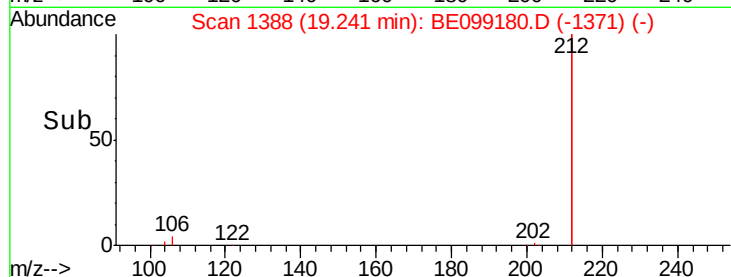
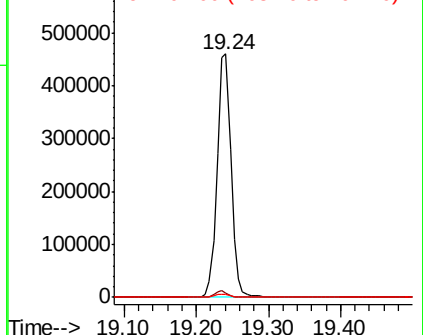
212 100

106 2.4 1.8 2.8

104 1.4 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



#26

Fluoranthene

Concen: 1.530 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

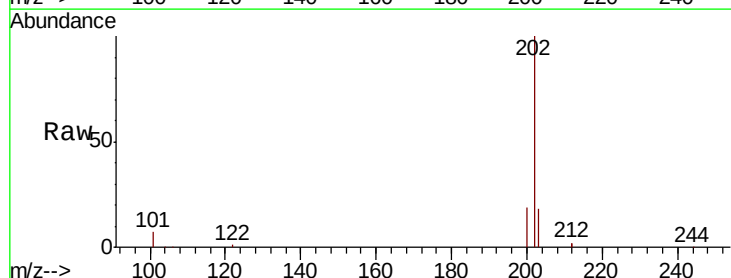
Tgt Ion:202 Resp: 194620

Ion Ratio Lower Upper

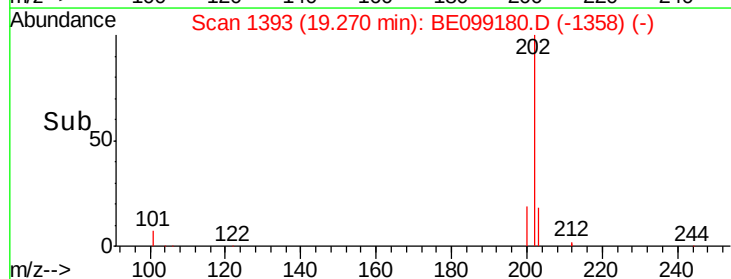
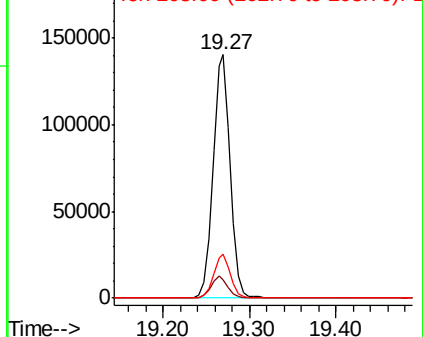
202 100

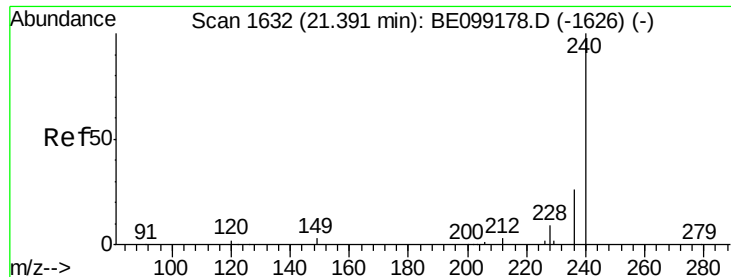
101 8.7 7.0 10.4

203 17.4 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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

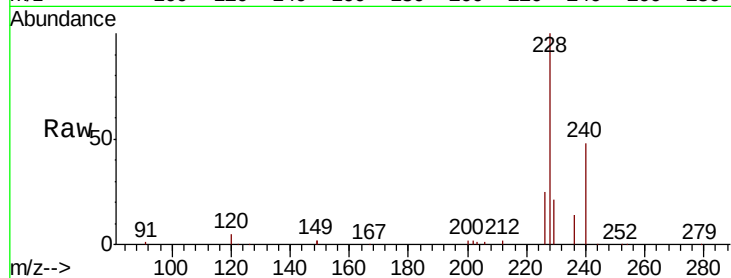
Tot Ion:240 Resp: 36381

Ion Ratio Lower Upper

240 100

120 9.7 2.6 3.8#

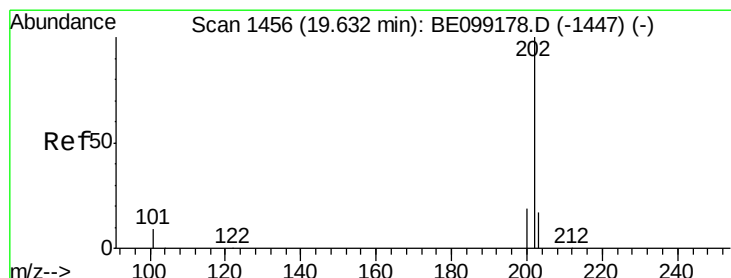
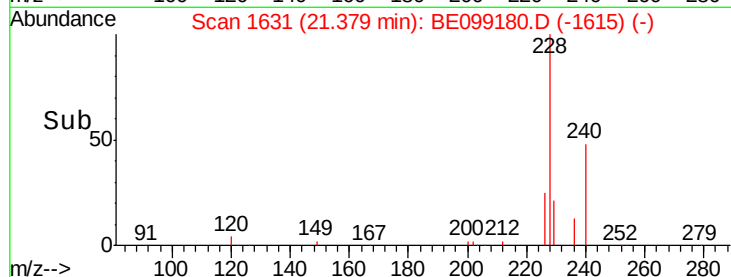
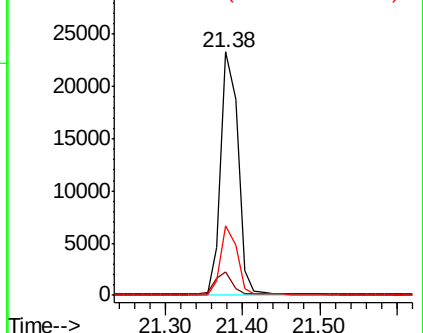
236 28.4 20.9 31.3



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: 1.590 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

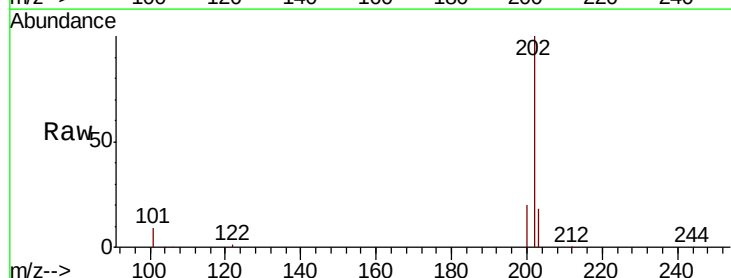
Tgt Ion:202 Resp: 196157

Ion Ratio Lower Upper

202 100

200 19.9 15.8 23.8

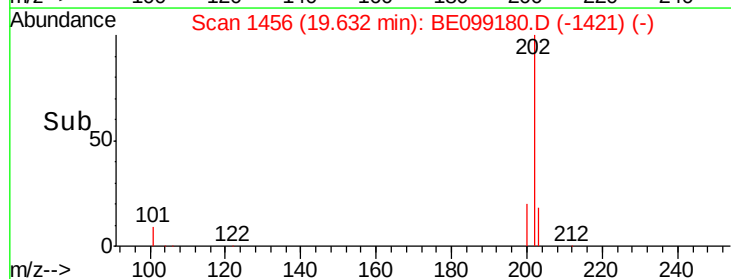
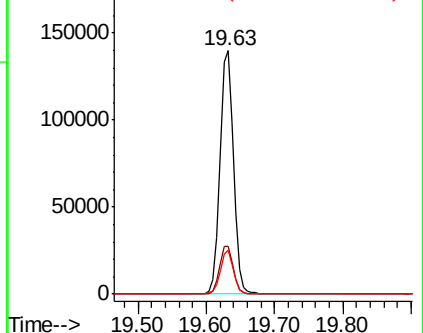
203 17.5 14.1 21.1



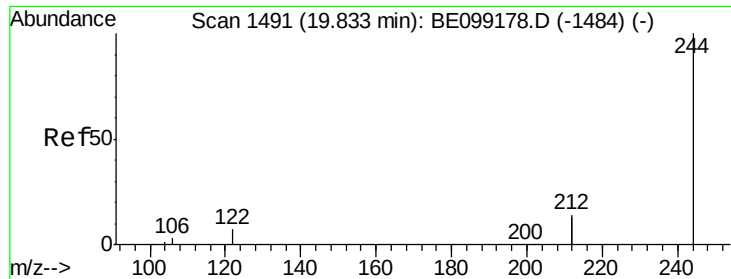
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E







#29

Terphenyl-d14

Concen: 1.666 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

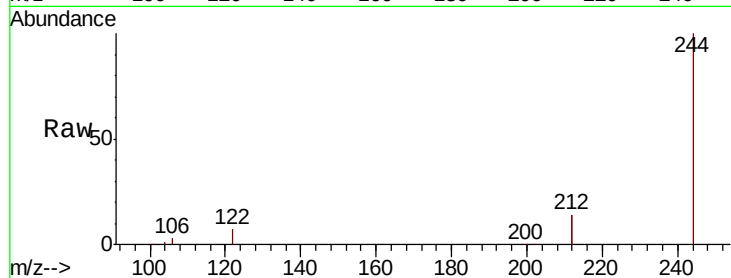
Tot Ion:244 Resp: 128275

Ion Ratio Lower Upper

244 100

212 28.4 22.7 34.1

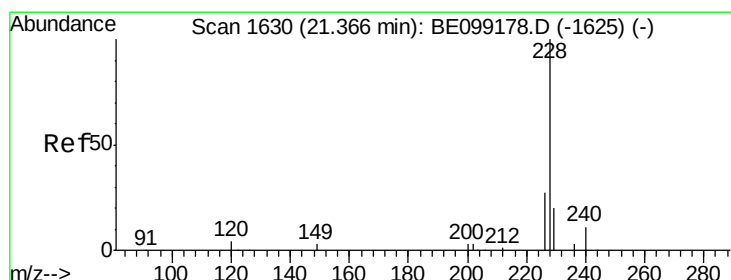
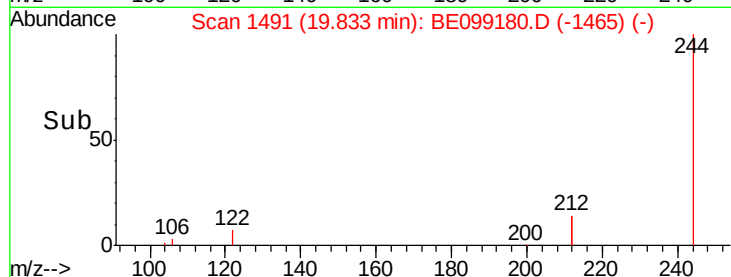
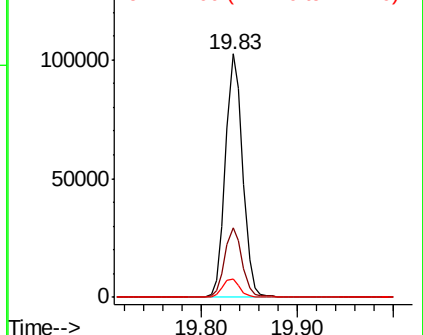
122 7.4 5.8 8.6



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



#30

Benzo(a)anthracene

Concen: 1.564 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

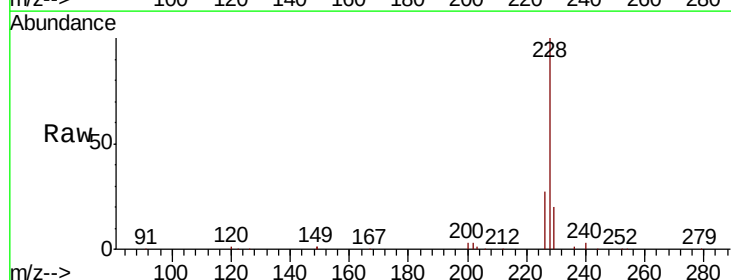
Tgt Ion:228 Resp: 200529

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

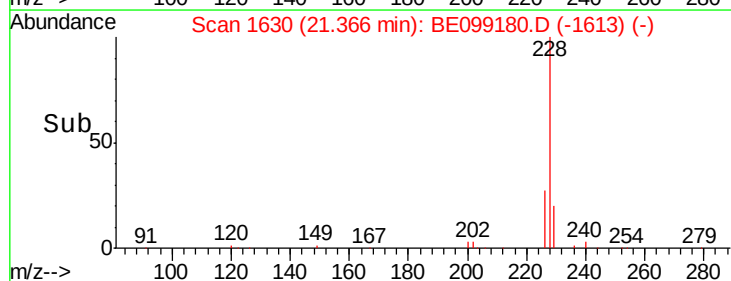
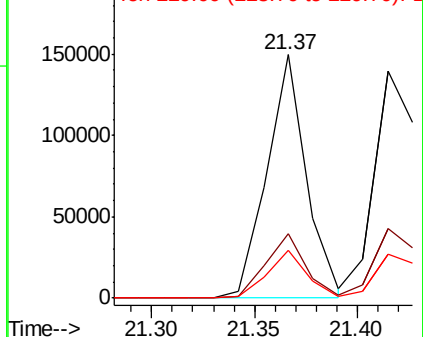
229 19.9 15.9 23.9

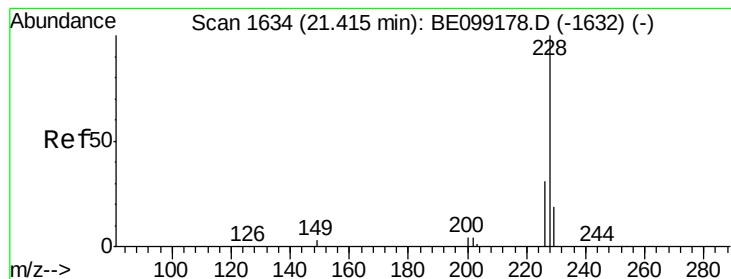


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.645 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

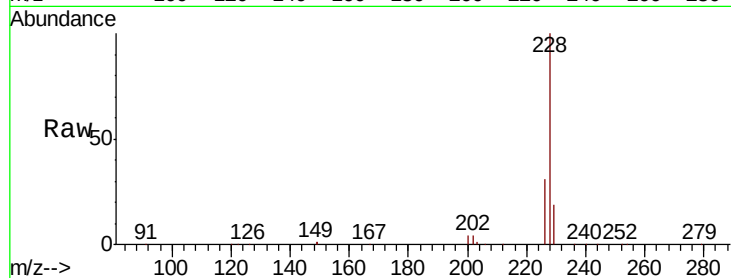
Tot Ion:228 Resp: 210692

Ion Ratio Lower Upper

228 100

226 30.8 24.8 37.2

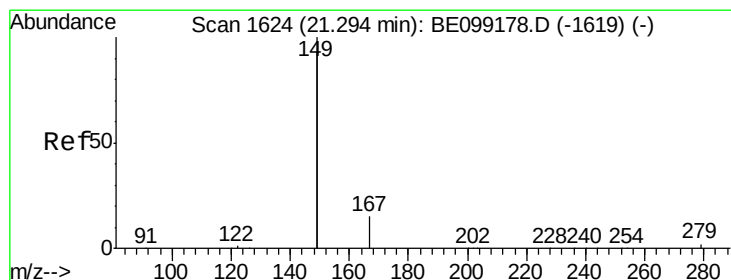
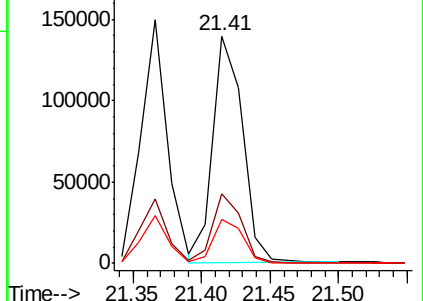
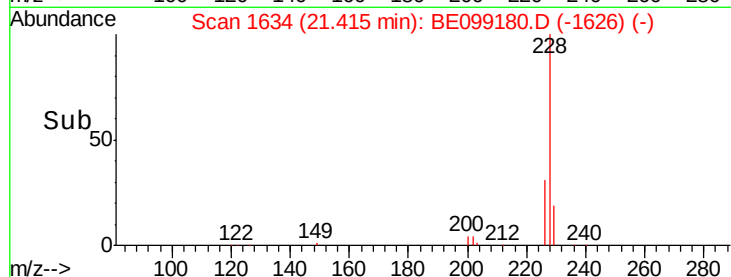
229 19.2 15.4 23.0



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: 1.377 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

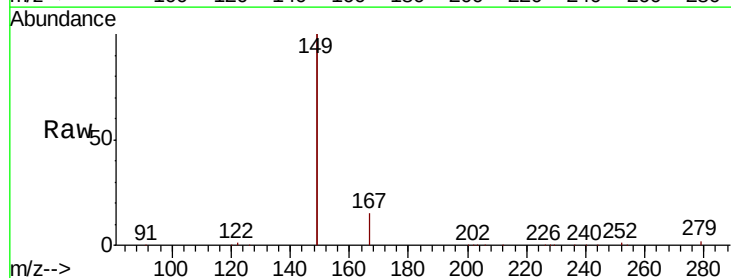
Tgt Ion:149 Resp: 229043

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

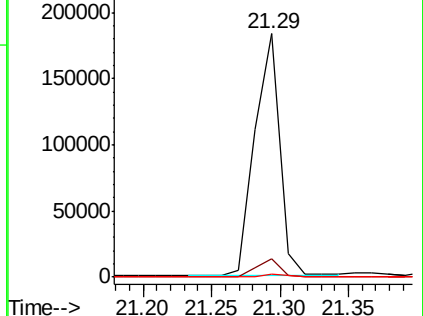
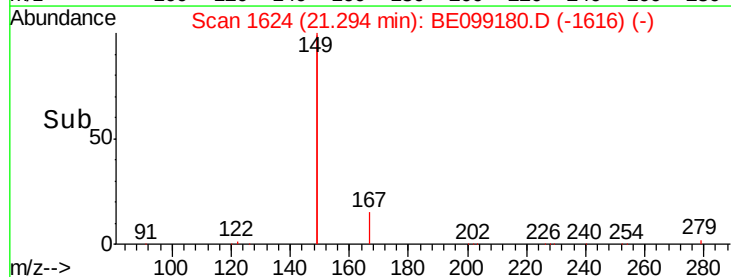
279 1.1 1.0 1.6

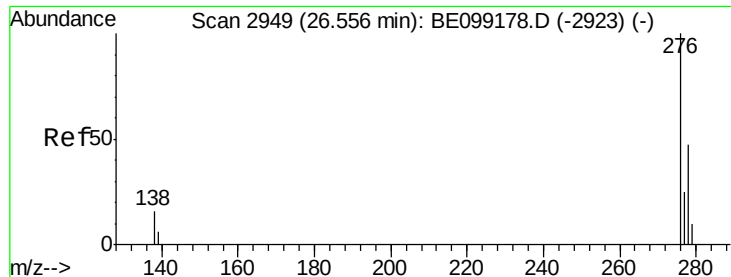


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.465 ng

RT: 26.56 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

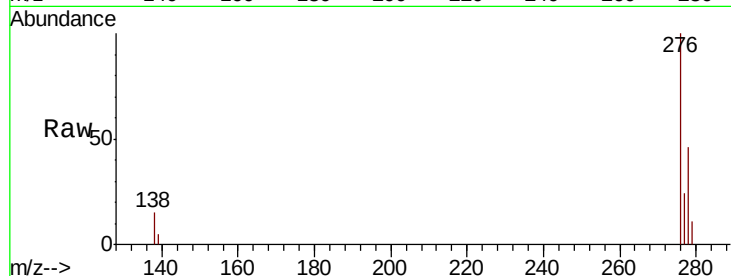
Tot Ion:276 Resp: 201780

Ion Ratio Lower Upper

276 100

138 16.2 12.9 19.3

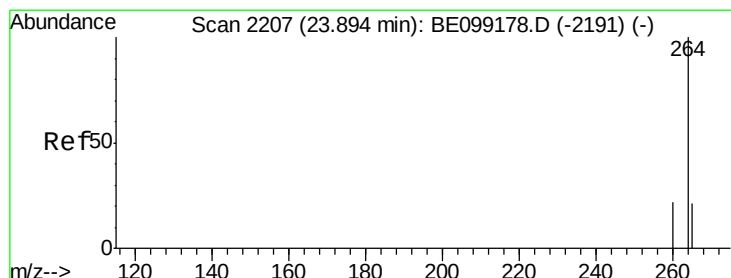
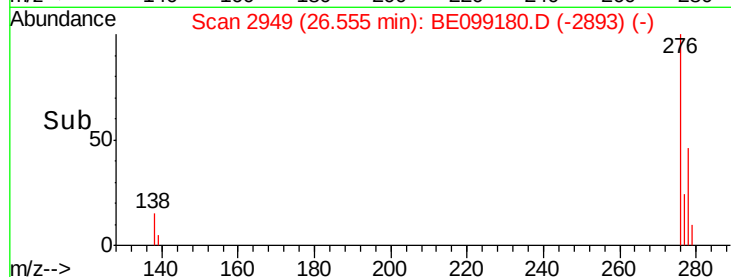
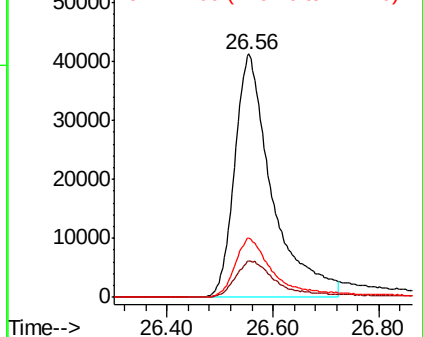
277 24.6 18.3 27.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

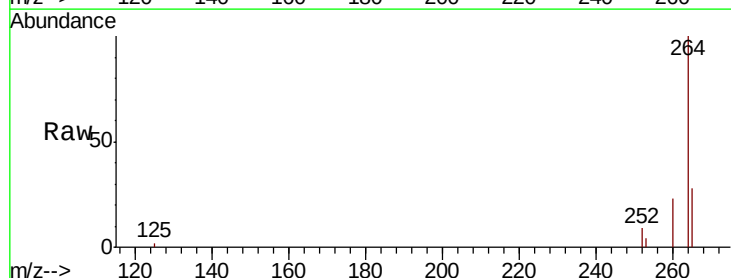
Tgt Ion:264 Resp: 35431

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

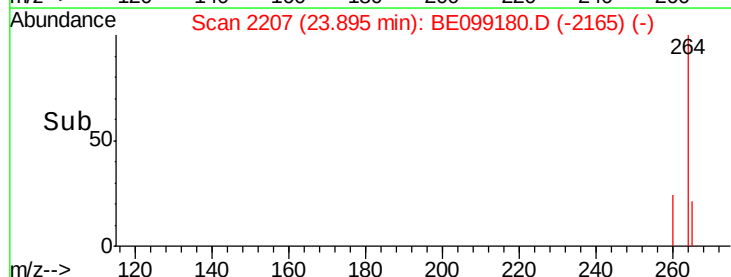
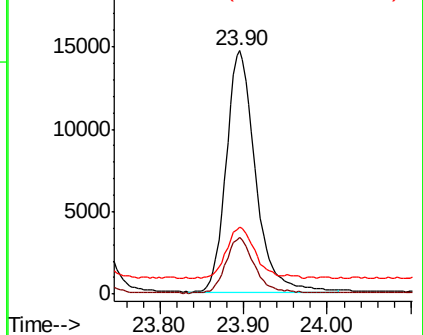
265 27.6 21.8 32.8

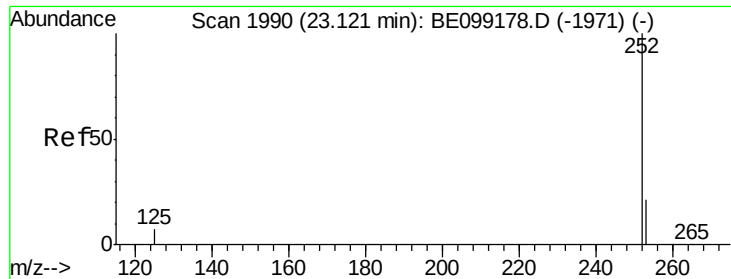


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.618 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

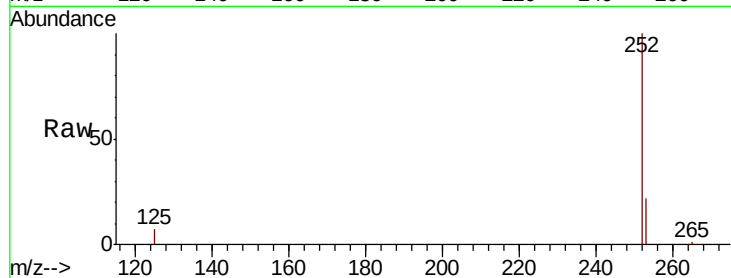
Tot Ion:252 Resp: 198351

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

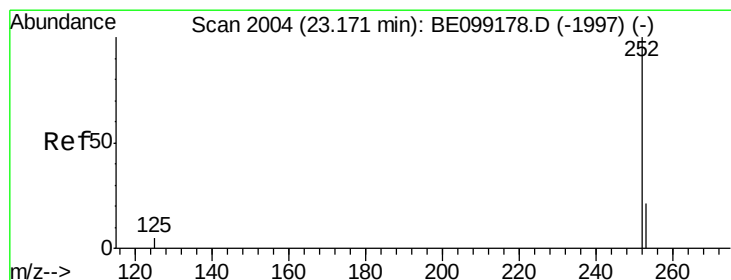
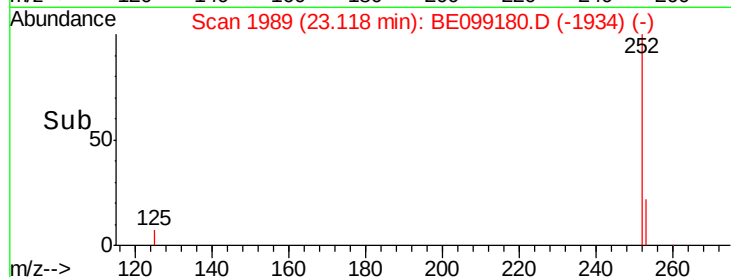
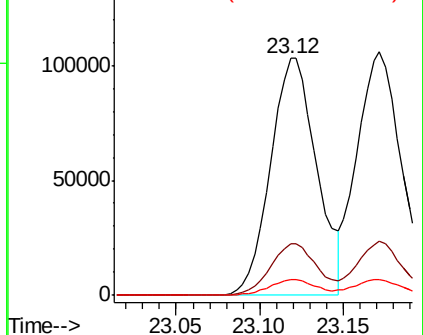
125 6.8 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.716 ng

RT: 23.17 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

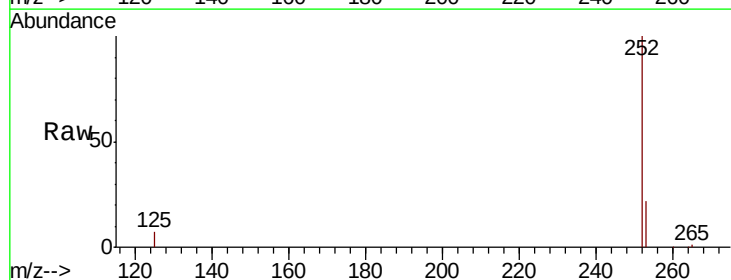
Tgt Ion:252 Resp: 206091

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

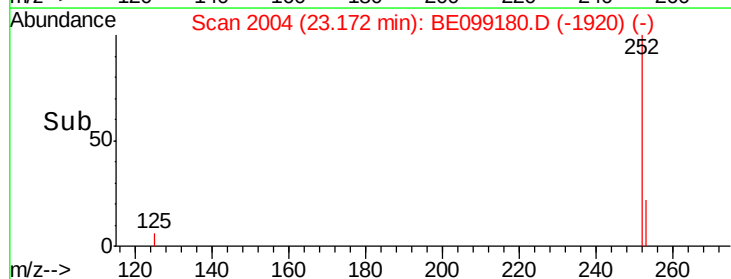
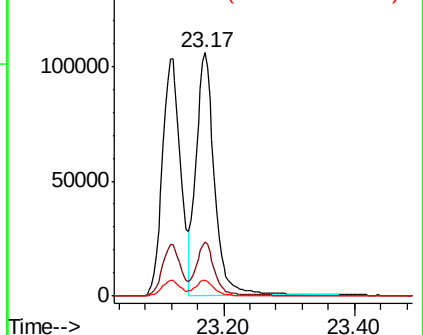
125 6.6 5.9 8.9

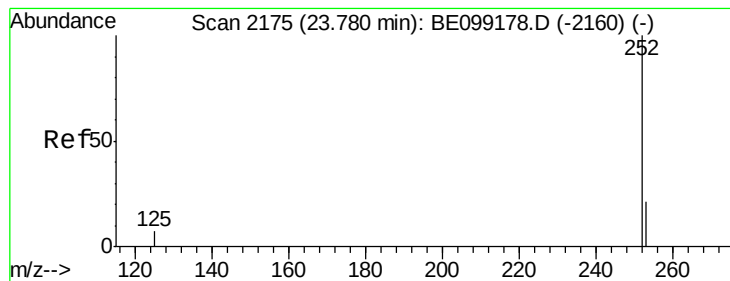


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.622 ng

RT: 23.78 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

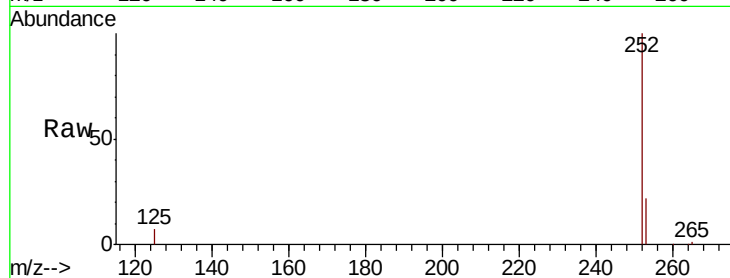
Tot Ion:252 Resp: 183776

Ion Ratio Lower Upper

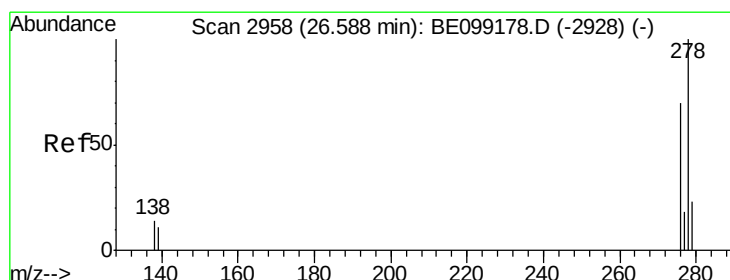
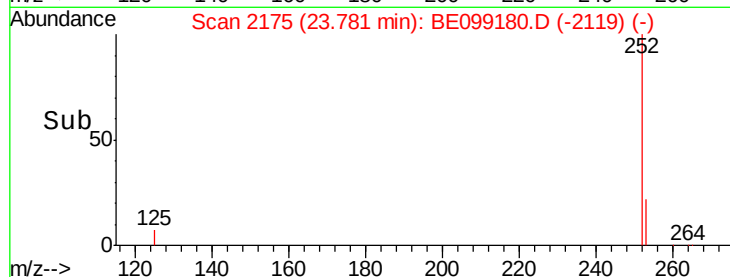
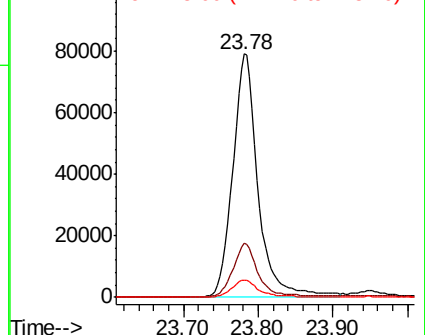
252 100

253 22.1 18.1 27.1

125 7.2 6.8 10.2



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 1.529 ng

RT: 26.58 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

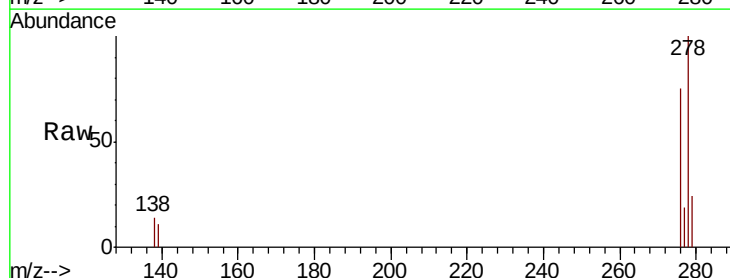
Tgt Ion:278 Resp: 168470

Ion Ratio Lower Upper

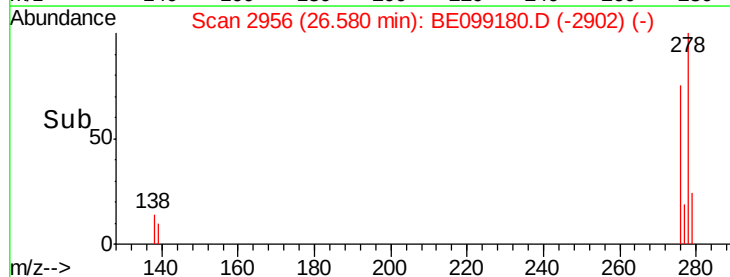
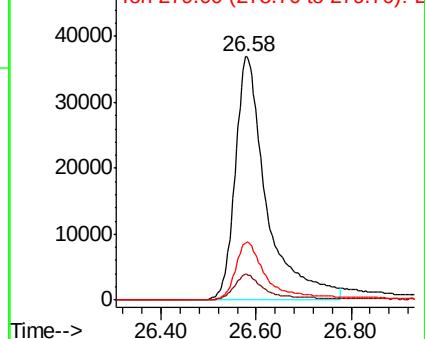
278 100

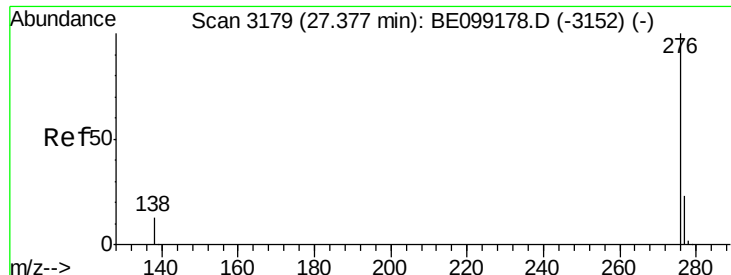
139 10.6 9.5 14.3

279 23.8 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 1.480 ng

RT: 27.38 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

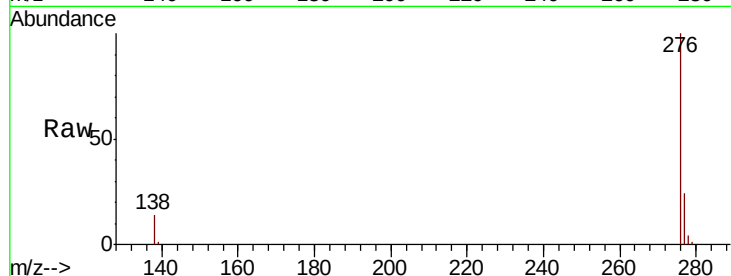
Tot Ion:276 Resp: 167502

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 14.2 11.1 16.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

