

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\  
 Data File : BE099849.D  
 Acq On : 7 Jun 2019 12:53  
 Operator : JU/SJ  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Jun 07 14:46:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 07 14:29:55 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 678      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.60 | 136  | 2484     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.47 | 164  | 1902     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.22 | 188  | 6311     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.40 | 240  | 11658    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.94 | 264  | 12859    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.36  | 112 | 1794  | 1.09 | ng | 0.00  |
| 5) Phenol-d6                | 6.96  | 99  | 2291  | 1.08 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.96  | 82  | 2146  | 0.98 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 3689  | 0.86 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.97 | 330 | 1582  | 1.42 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.09 | 172 | 5855  | 0.83 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.25 | 212 | 81304 | 0.87 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.85 | 244 | 17183 | 0.90 | ng | 0.00  |

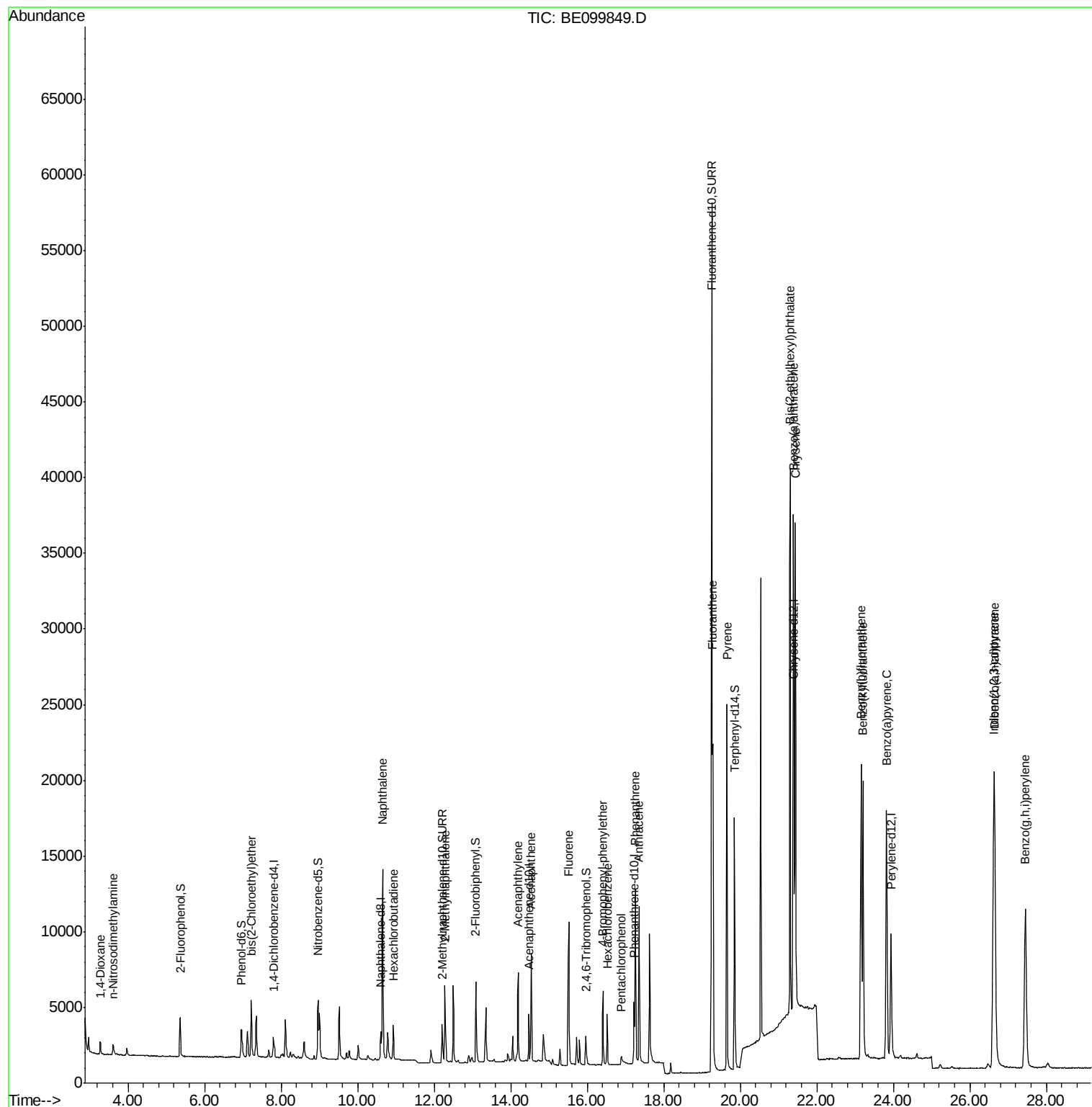
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.28  | 88  | 763   | 0.776  | ng | 96   |
| 3) n-Nitrosodimethylamine      | 3.60  | 42  | 482   | 0.924  | ng | # 80 |
| 6) bis(2-Chloroethyl)ether     | 7.22  | 93  | 1674  | 0.900  | ng | 95   |
| 9) Naphthalene                 | 10.65 | 128 | 21772 | 0.821  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.93 | 225 | 1621  | 0.802  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.28 | 142 | 3805  | 0.900  | ng | 98   |
| 16) Acenaphthylene             | 14.20 | 152 | 7801  | 0.850  | ng | 99   |
| 17) Acenaphthene               | 14.53 | 154 | 4283  | 0.853  | ng | 99   |
| 18) Fluorene                   | 15.52 | 166 | 6499  | 0.878  | ng | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.41 | 248 | 2974  | 0.845  | ng | 96   |
| 21) Hexachlorobenzene          | 16.52 | 284 | 2906  | 0.753  | ng | 98   |
| 22) Pentachlorophenol          | 16.89 | 266 | 845   | 1.189  | ng | 83   |
| 23) Phenanthrene               | 17.26 | 178 | 13120 | 0.871  | ng | 99   |
| 24) Anthracene                 | 17.35 | 178 | 12481 | 0.917  | ng | 99   |
| 26) Fluoranthene               | 19.28 | 202 | 22771 | 0.863  | ng | 99   |
| 28) Pyrene                     | 19.65 | 202 | 24308 | 0.863  | ng | 99   |
| 30) Benzo(a)anthracene         | 21.39 | 228 | 29741 | 0.923  | ng | 97   |
| 31) Chrysene                   | 21.44 | 228 | 29276 | 0.823  | ng | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 46972 | 1.270  | ng | 98   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.62 | 276 | 36142 | 0.848  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 23.15 | 252 | 28974 | 0.814  | ng | # 96 |
| 36) Benzo(k)fluoranthene       | 23.20 | 252 | 29434 | 0.779  | ng | # 96 |
| 37) Benzo(a)pyrene             | 23.82 | 252 | 28646 | 0.830  | ng | # 93 |
| 38) Dibenzo(a,h)anthracene     | 26.65 | 278 | 29464 | 0.839  | ng | 95   |
| 39) Benzo(g,h,i)perylene       | 27.45 | 276 | 29649 | 0.804  | ng | 95   |

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

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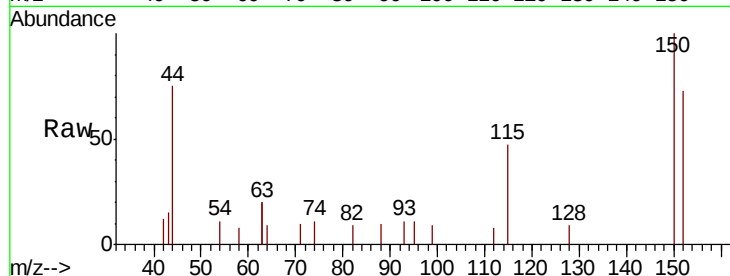


#1

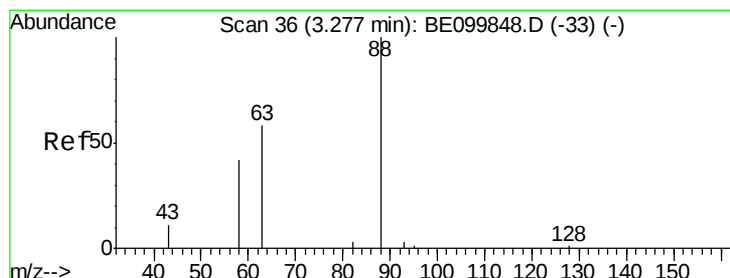
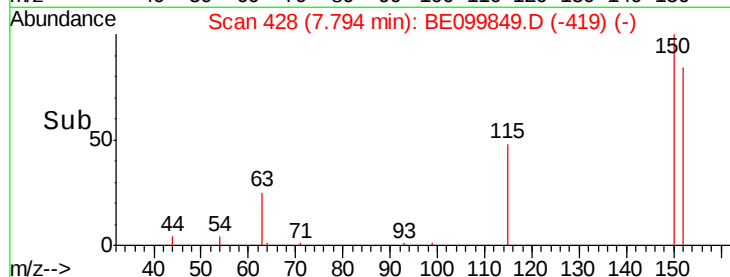
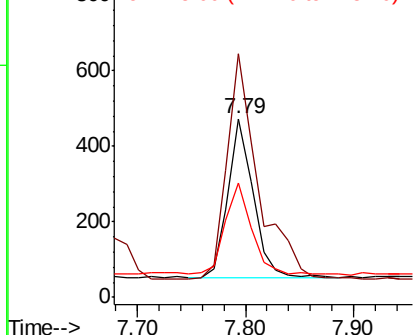
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.79 min Scan# 428  
Delta R.T. 0.00 min  
Lab File: BE099849.D  
Acq: 7 Jun 2019 12:53

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tot Ion:152 Resp: 678  
Ion Ratio Lower Upper  
152 100  
150 136.4 109.4 164.2  
115 63.8 55.4 83.0



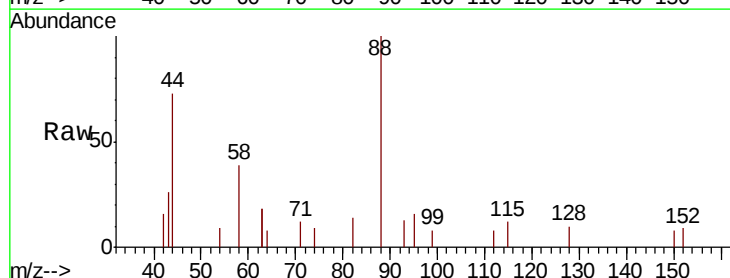
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



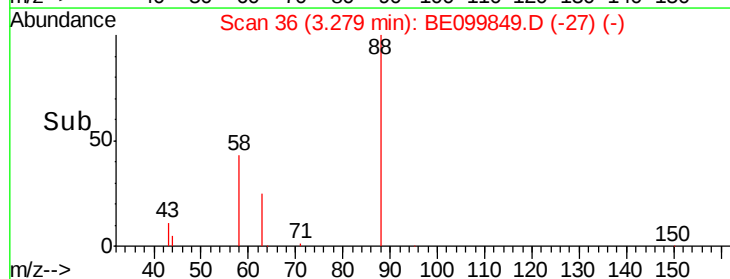
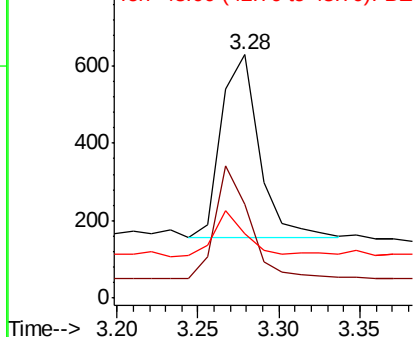
#2

1,4-Dioxane  
Concen: 0.776 ng  
RT: 3.28 min Scan# 36  
Delta R.T. 0.00 min  
Lab File: BE099849.D  
Acq: 7 Jun 2019 12:53

Tgt Ion: 88 Resp: 763  
Ion Ratio Lower Upper  
88 100  
58 57.5 48.2 72.4  
43 22.1 19.7 29.5



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: 0.924 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

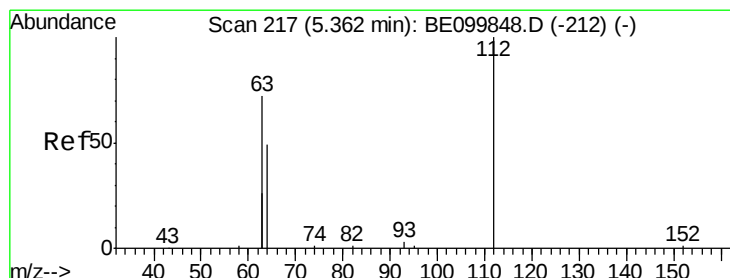
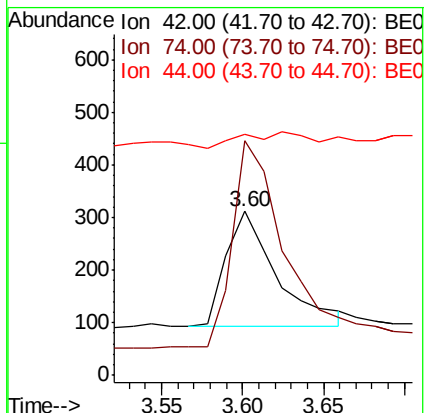
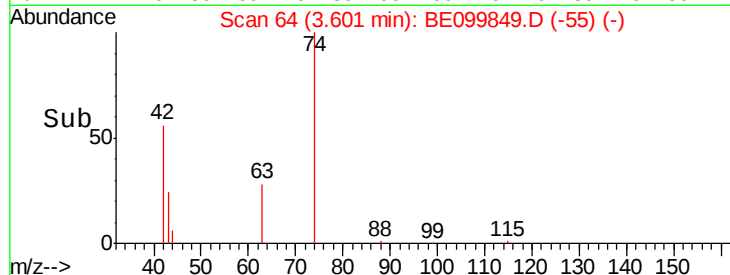
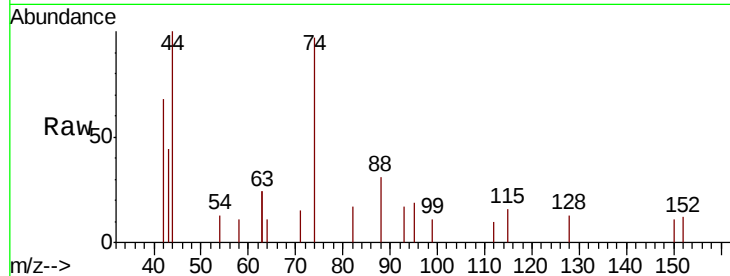
Tot Ion: 42 Resp: 482

Ion Ratio Lower Upper

42 100

74 186.3 128.1 192.1

44 0.0 0.0 0.0



#4

2-Fluorophenol

Concen: 1.087 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

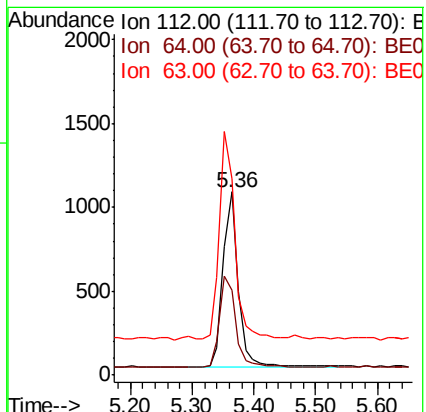
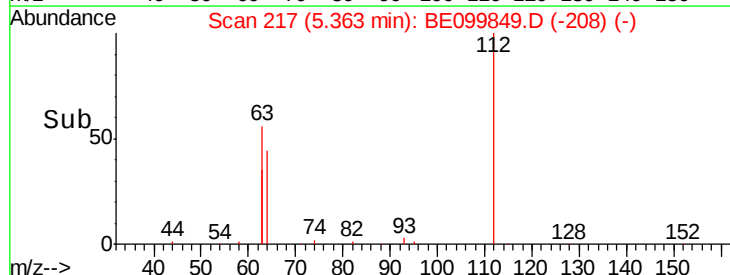
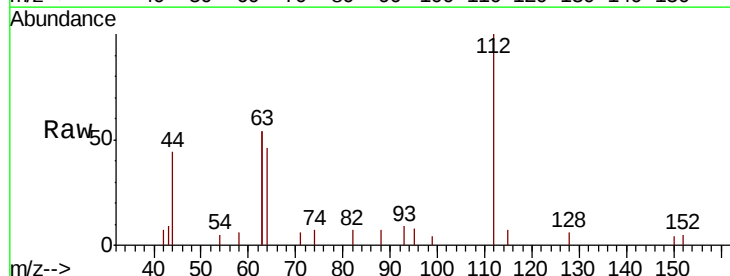
Tgt Ion: 112 Resp: 1794

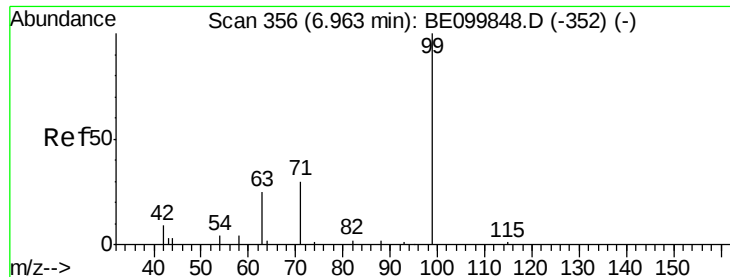
Ion Ratio Lower Upper

112 100

64 54.4 44.1 66.1

63 116.4 93.4 140.0





#5

Phenol-d6

Concen: 1.080 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampled :

SSTDIC0.8

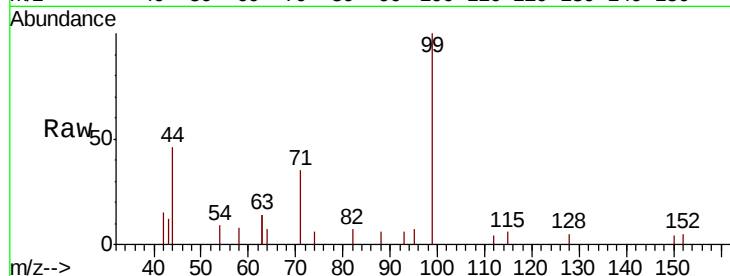
Tot Ion: 99 Resp: 2291

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

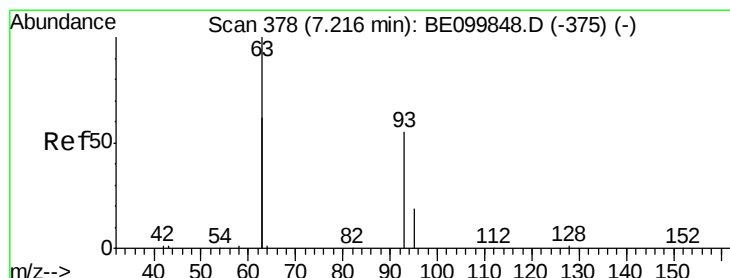
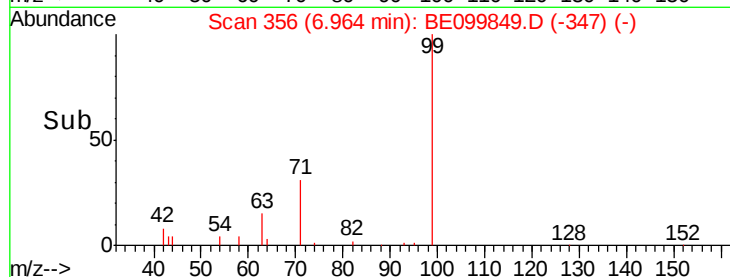
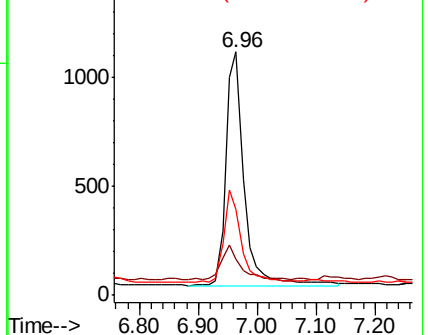
71 37.9 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.900 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

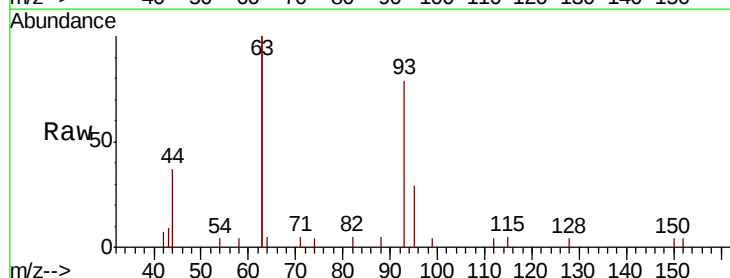
Tgt Ion: 93 Resp: 1674

Ion Ratio Lower Upper

93 100

63 260.2 200.8 301.2

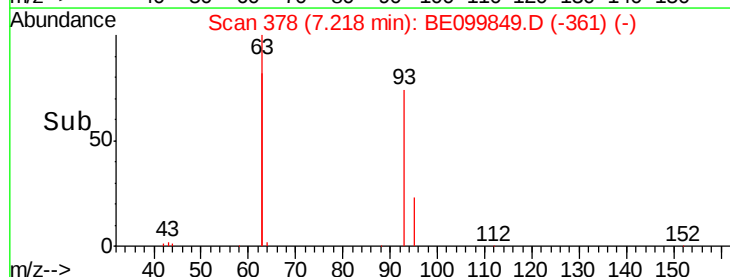
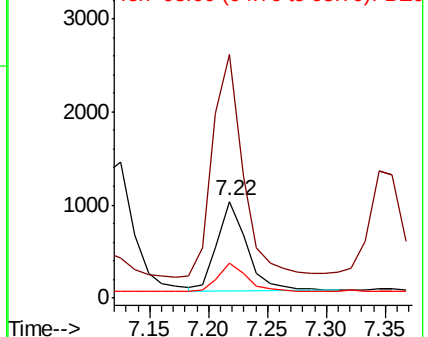
95 33.3 27.0 40.4

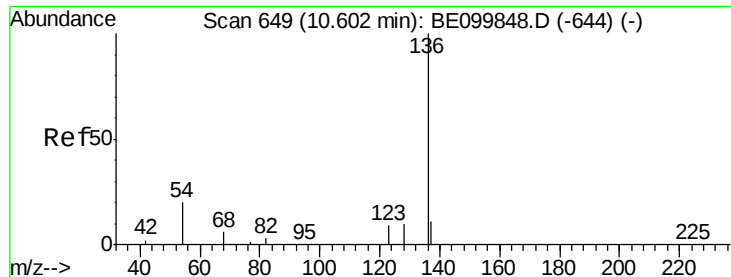


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 2484

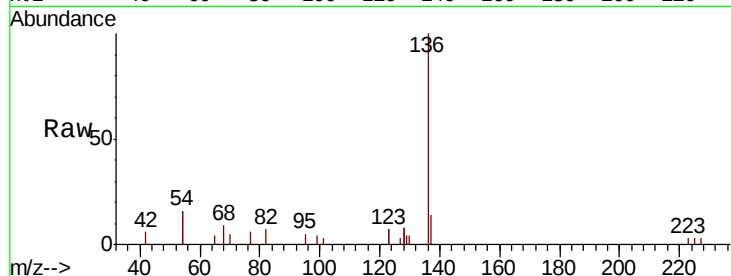
Ion Ratio Lower Upper

136 100

137 13.7 11.8 17.6

54 32.0 30.2 45.4

68 8.8 8.3 12.5

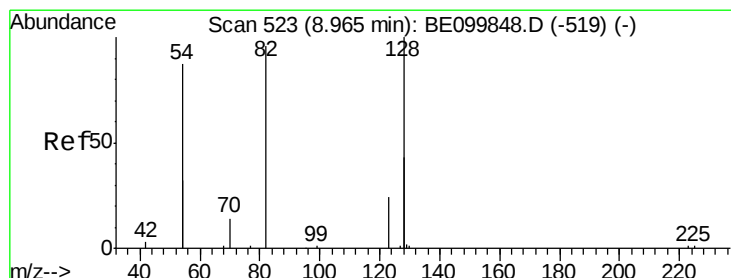
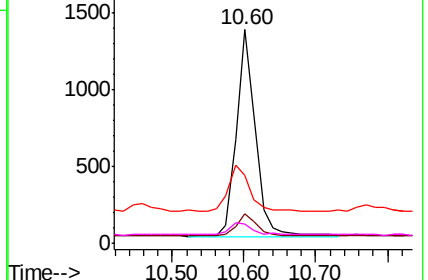
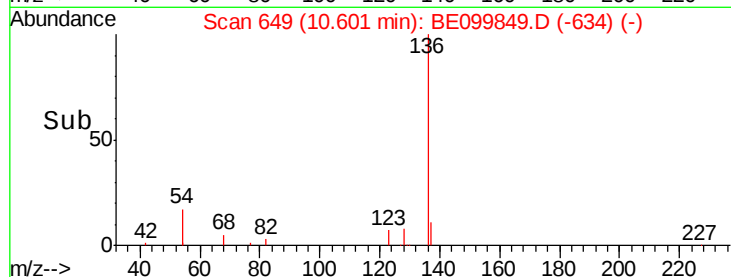


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.983 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

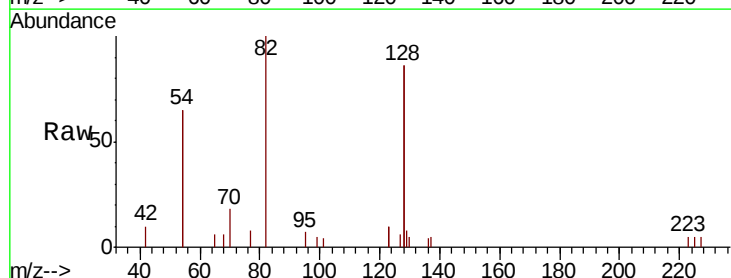
Tgt Ion: 82 Resp: 2146

Ion Ratio Lower Upper

82 100

128 172.6 144.9 217.3

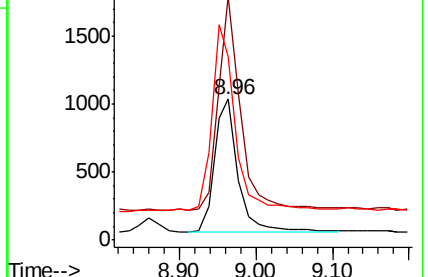
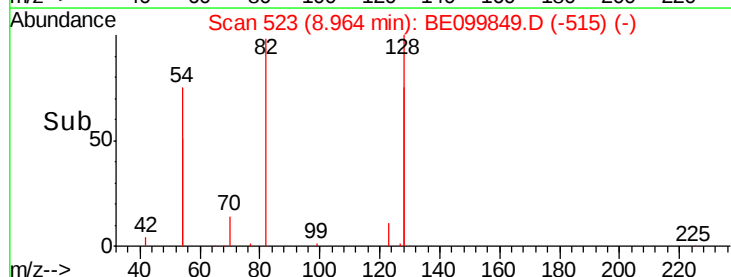
54 130.2 125.8 188.8

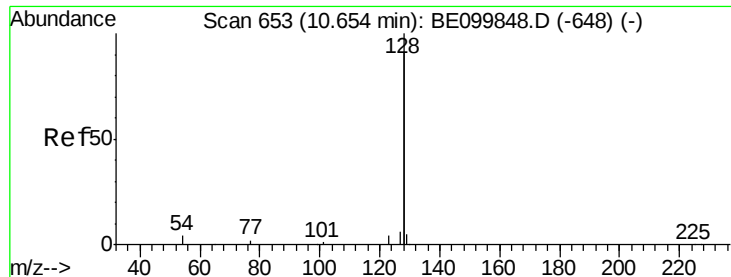


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.821 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.8

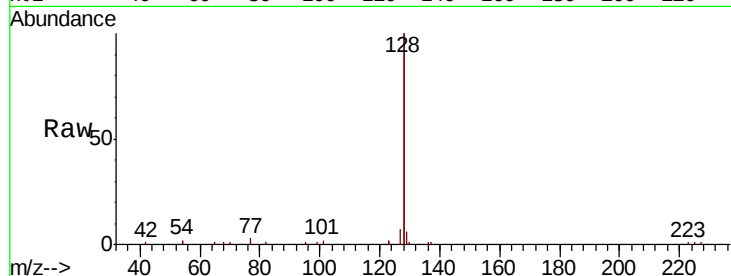
Tot Ion:128 Resp: 21772

Ion Ratio Lower Upper

128 100

129 3.2 2.9 4.3

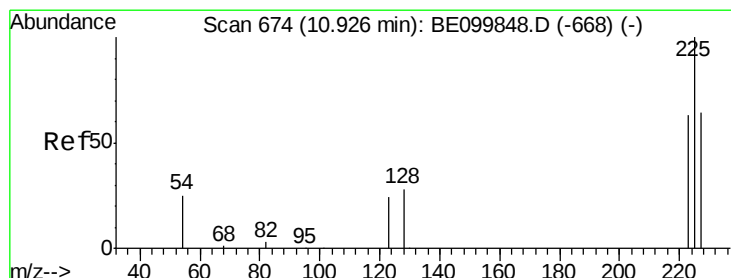
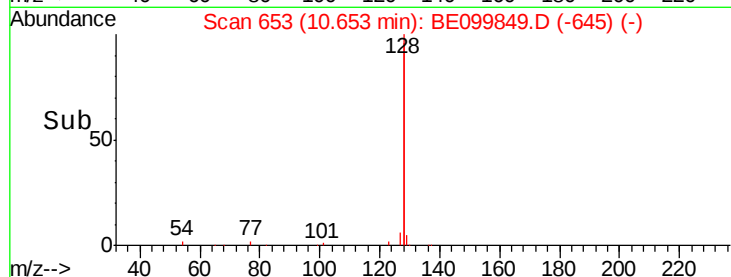
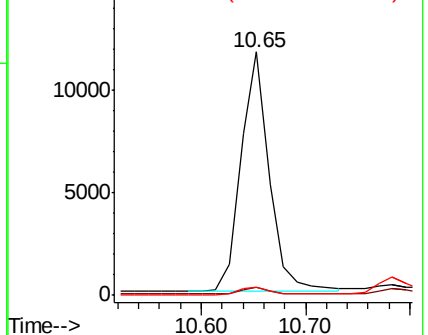
127 3.5 3.2 4.8



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: 0.802 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

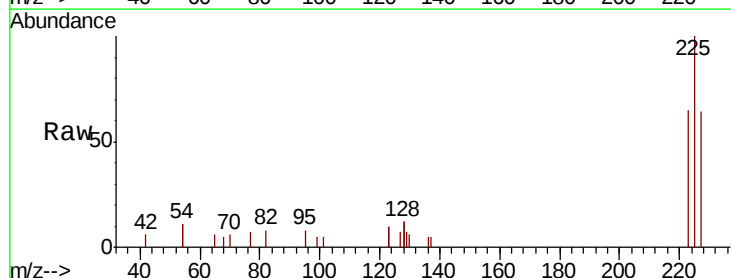
Tgt Ion:225 Resp: 1621

Ion Ratio Lower Upper

225 100

223 63.1 52.3 78.5

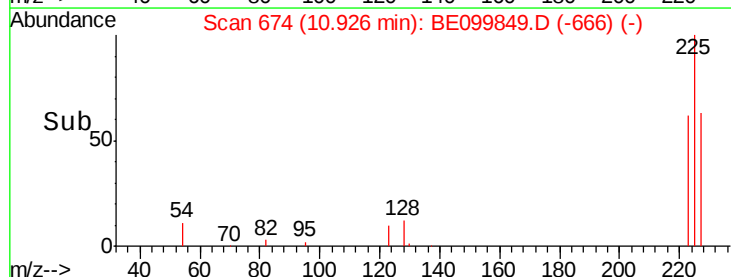
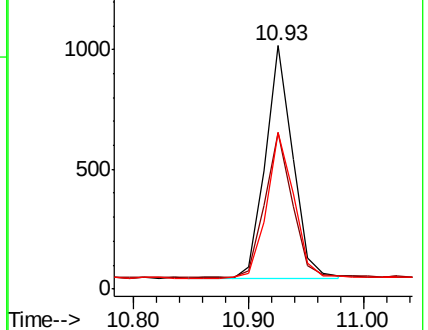
227 63.1 51.6 77.4

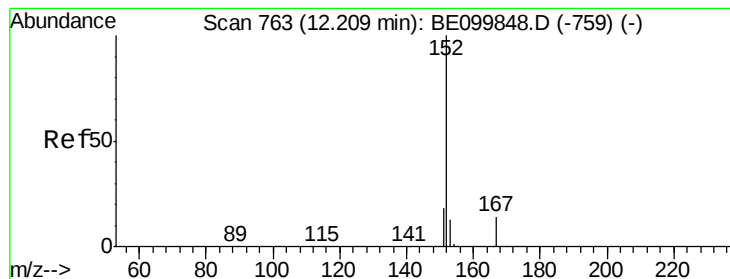


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.865 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

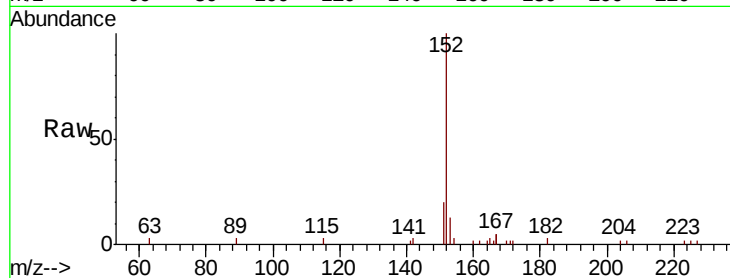
SSTDIC0.8

Tot Ion:152 Resp: 3689

Ion Ratio Lower Upper

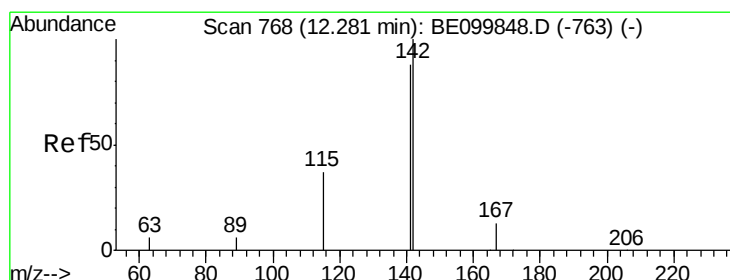
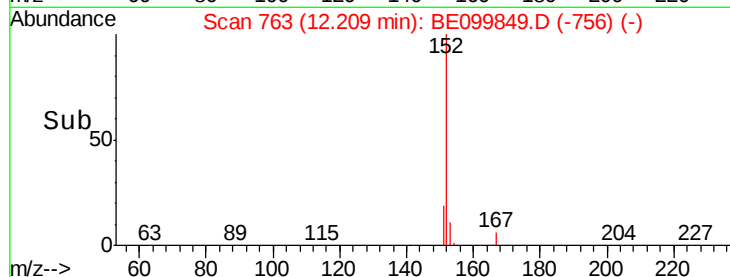
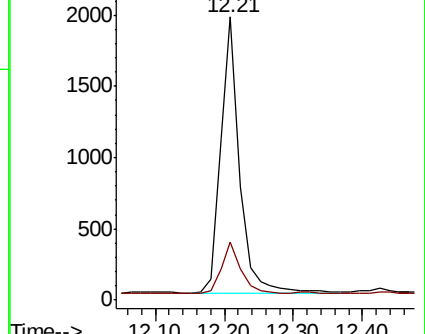
152 100

151 18.8 16.0 24.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.900 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

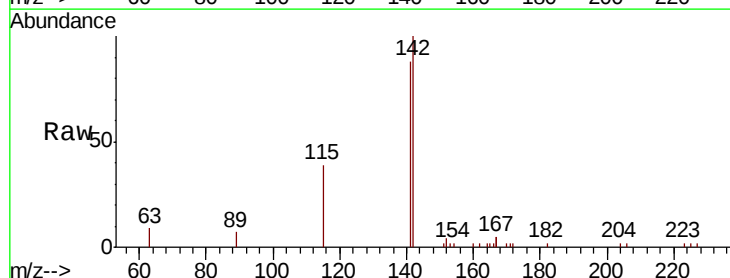
Tgt Ion:142 Resp: 3805

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7

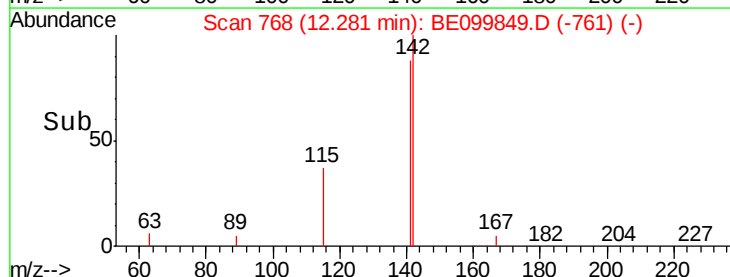
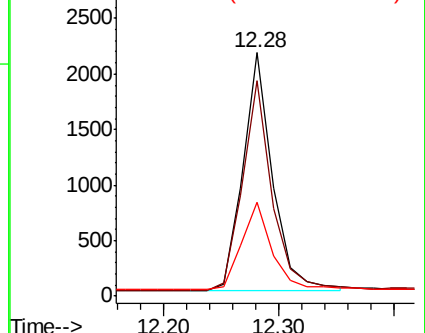
115 38.6 34.1 51.1

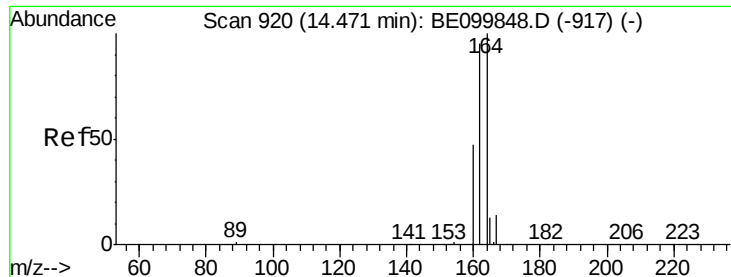


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

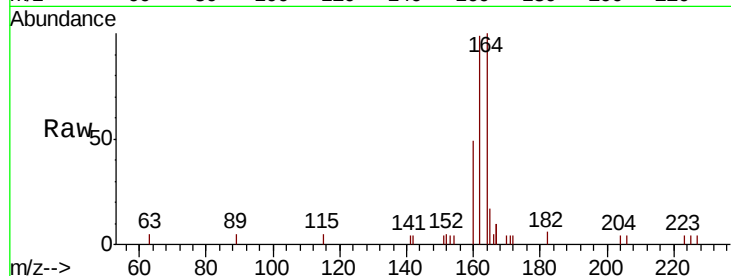




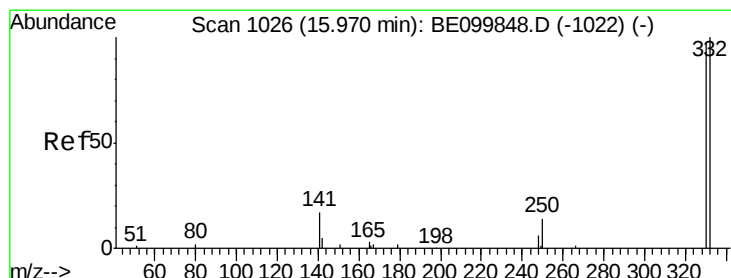
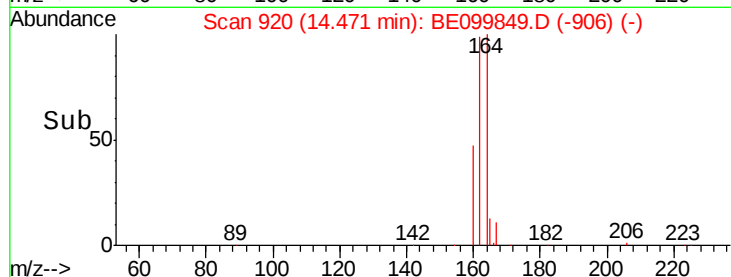
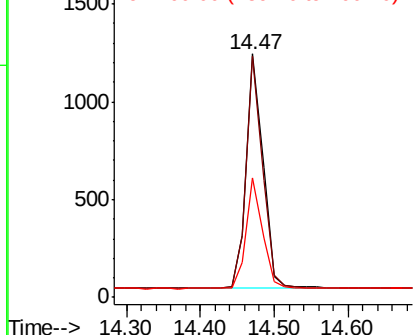
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.47 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: BE099849.D  
Acq: 7 Jun 2019 12:53

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tot Ion:164 Resp: 1902  
Ion Ratio Lower Upper  
164 100  
162 99.3 76.5 114.7  
160 48.9 39.7 59.5

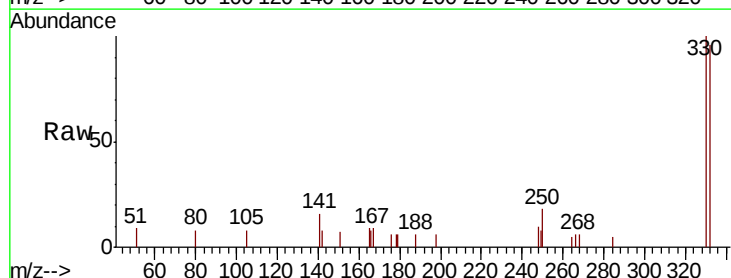


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

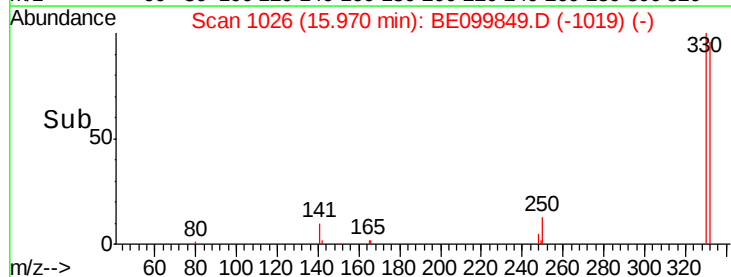
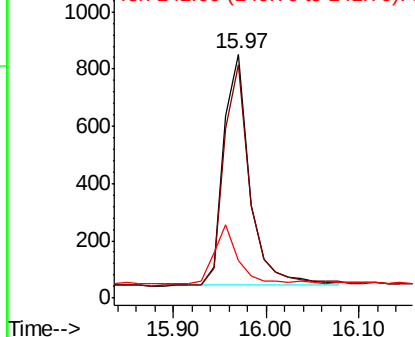


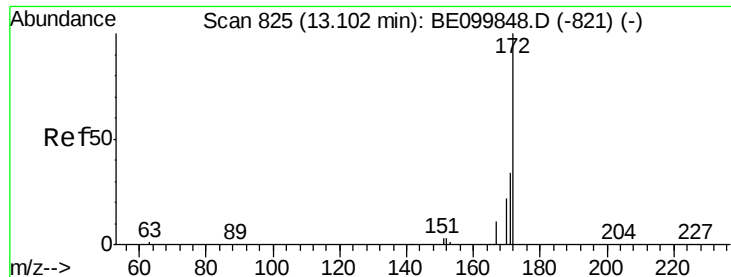
#14  
2,4,6-Tribromophenol  
Concen: 1.425 ng  
RT: 15.97 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BE099849.D  
Acq: 7 Jun 2019 12:53

Tgt Ion:330 Resp: 1582  
Ion Ratio Lower Upper  
330 100  
332 96.6 81.7 122.5  
141 24.0 21.7 32.5



Abundance Ion 330.00 (329.70 to 330.70): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

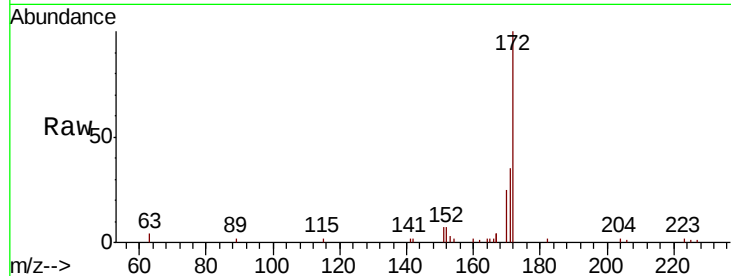




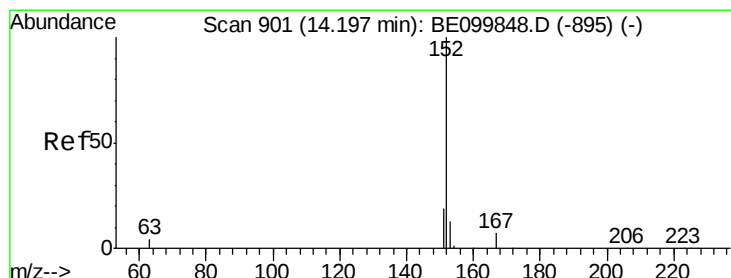
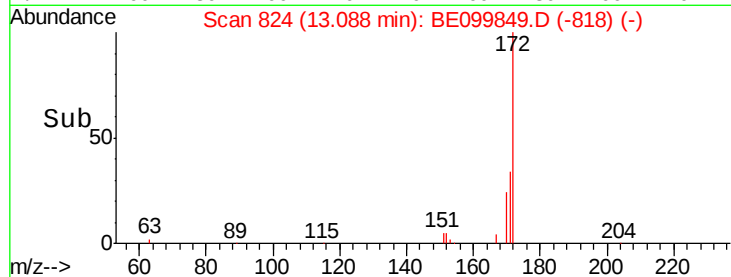
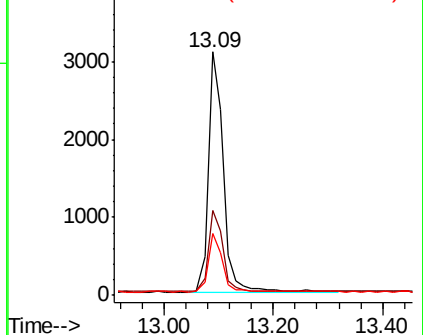
#15  
2-Fluorobiphenyl  
Concen: 0.828 ng  
RT: 13.09 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: BE099849.D  
Acq: 7 Jun 2019 12:53

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tot Ion:172 Resp: 5855  
Ion Ratio Lower Upper  
172 100  
171 34.8 29.8 44.6  
170 25.2 20.4 30.6

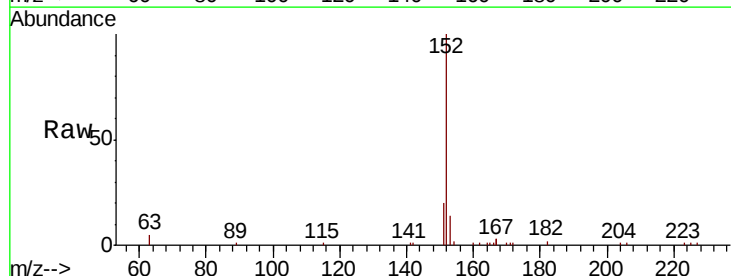


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

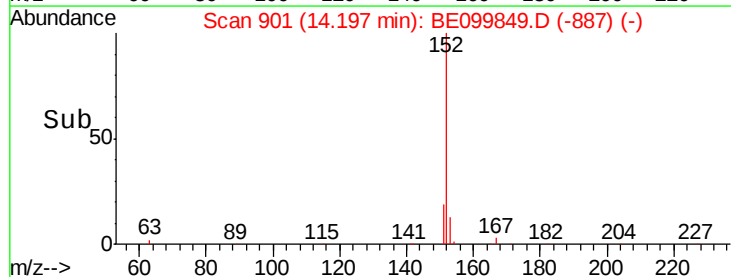
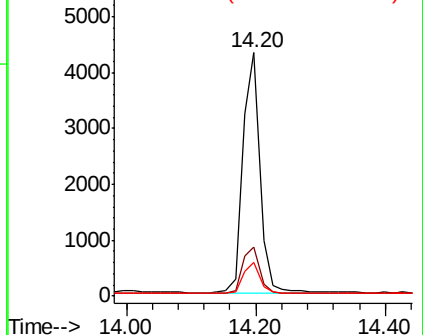


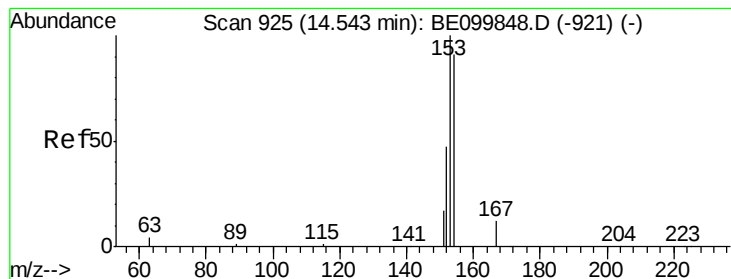
#16  
Acenaphthylene  
Concen: 0.850 ng  
RT: 14.20 min Scan# 901  
Delta R.T. 0.00 min  
Lab File: BE099849.D  
Acq: 7 Jun 2019 12:53

Tgt Ion:152 Resp: 7801  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.0 24.0  
153 12.7 10.6 15.8



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: 0.853 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

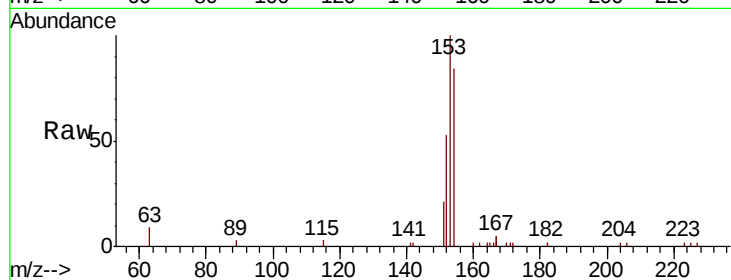
Tot Ion:154 Resp: 4283

Ion Ratio Lower Upper

154 100

153 115.5 91.9 137.9

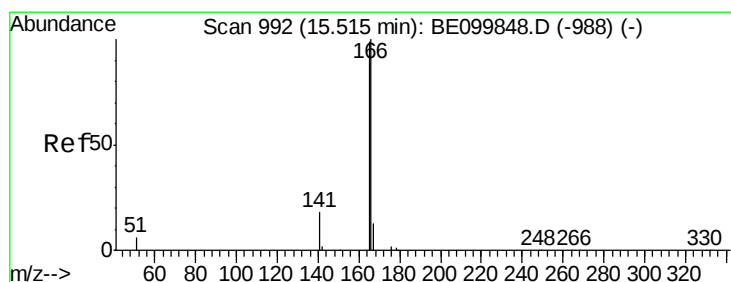
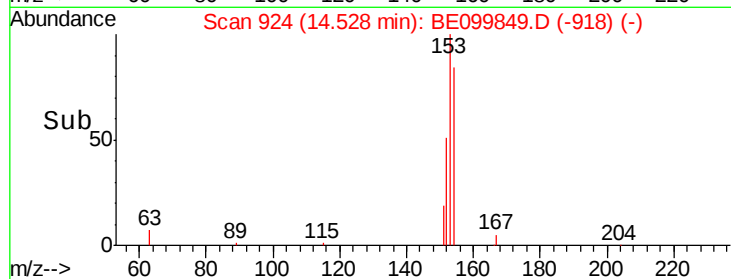
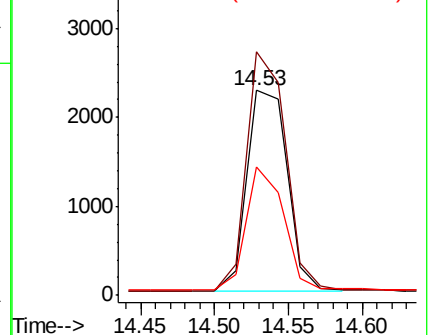
152 56.9 45.0 67.4



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: 0.878 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

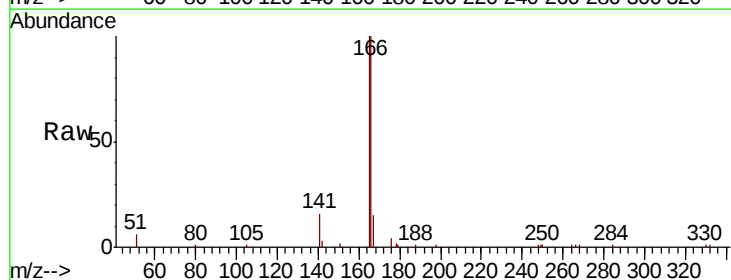
Tgt Ion:166 Resp: 6499

Ion Ratio Lower Upper

166 100

165 100.7 80.1 120.1

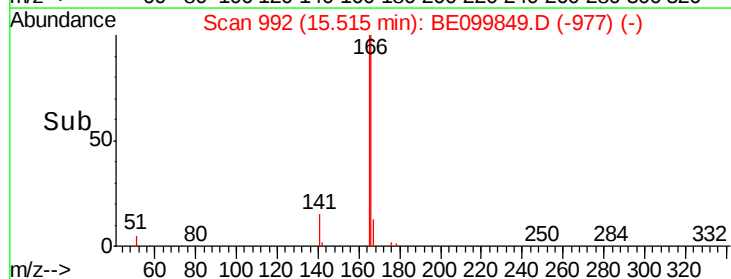
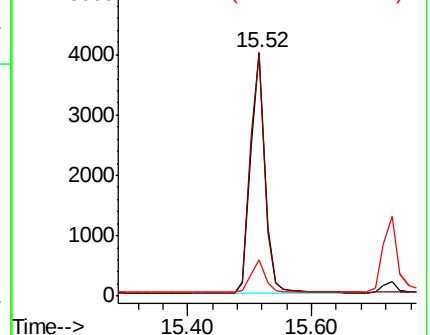
167 13.7 11.4 17.2

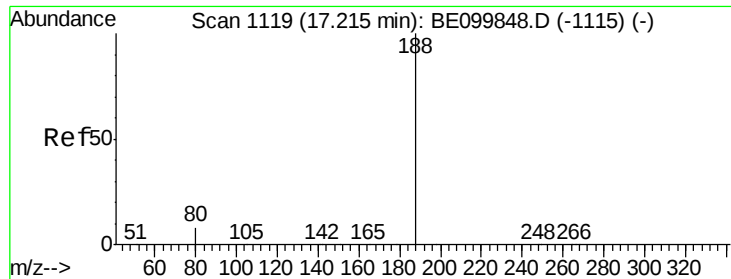


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

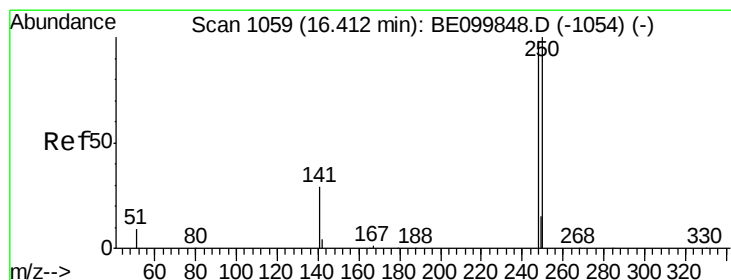
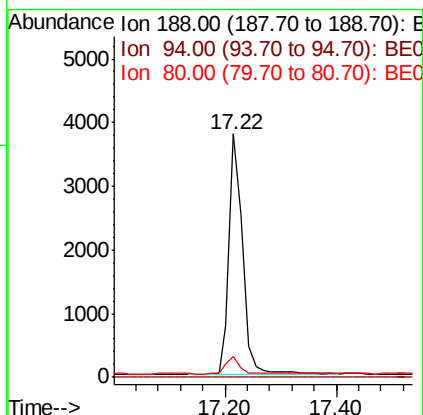
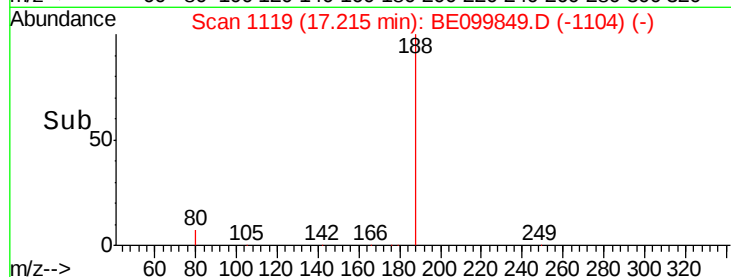
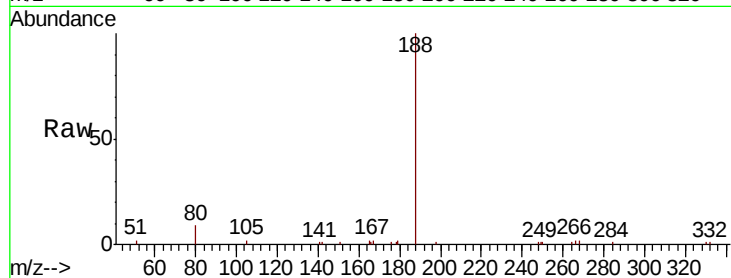
Tot Ion:188 Resp: 6311

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 7.6 11.4



#20

4-Bromophenyl-phenylether

Concen: 0.845 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

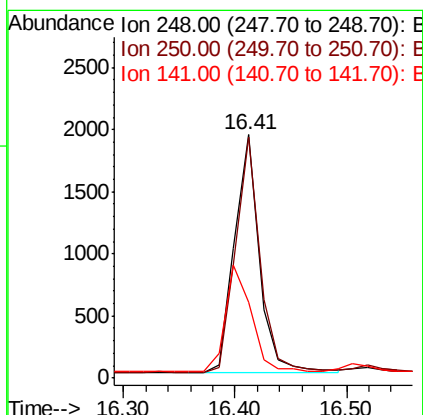
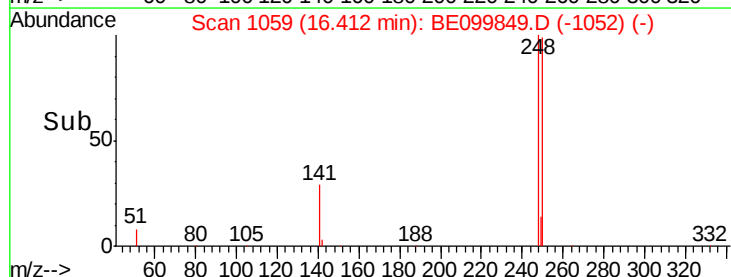
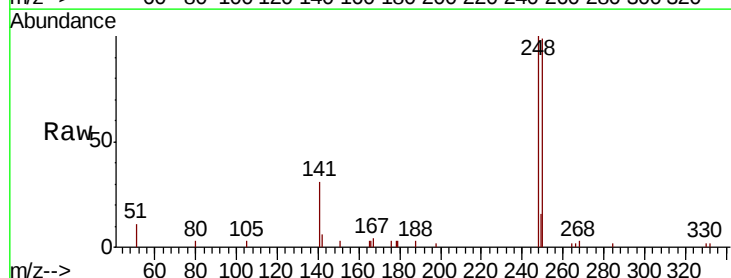
Tgt Ion:248 Resp: 2974

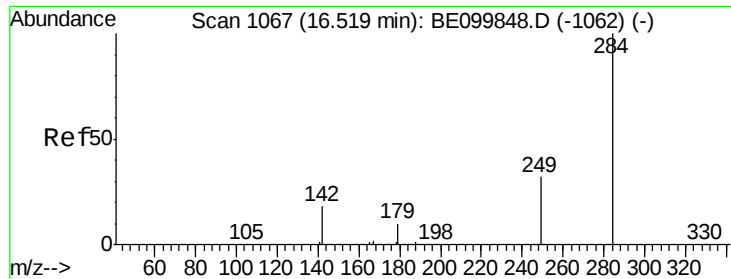
Ion Ratio Lower Upper

248 100

250 99.2 81.9 122.9

141 31.0 27.6 41.4

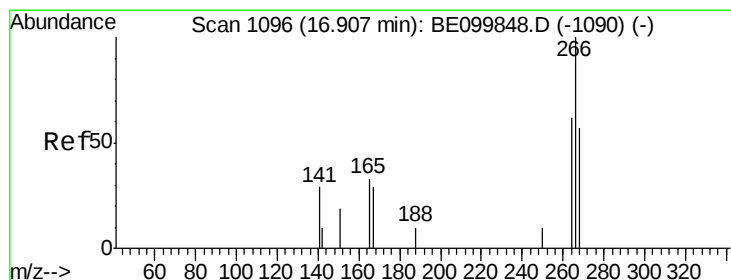
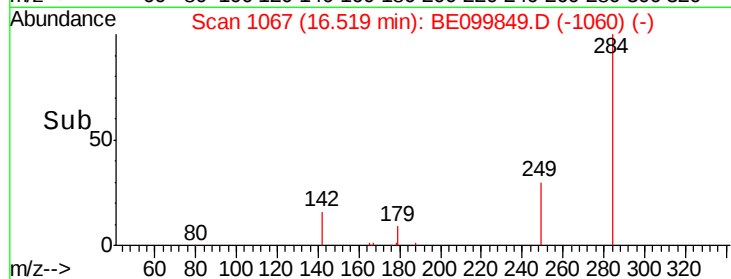
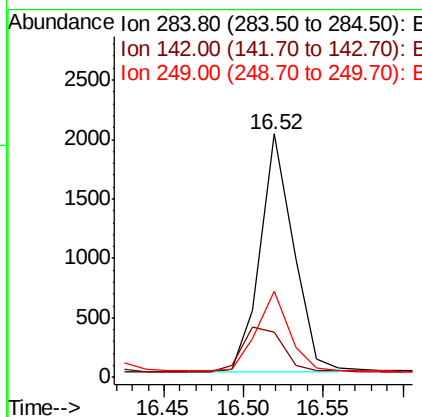
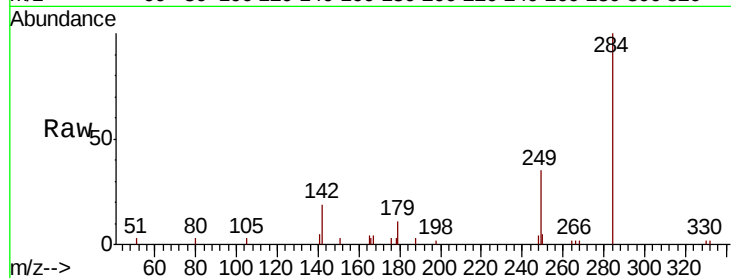




#21  
Hexachlorobenzene  
Concen: 0.753 ng  
RT: 16.52 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: BE099849.D  
Acq: 7 Jun 2019 12:53

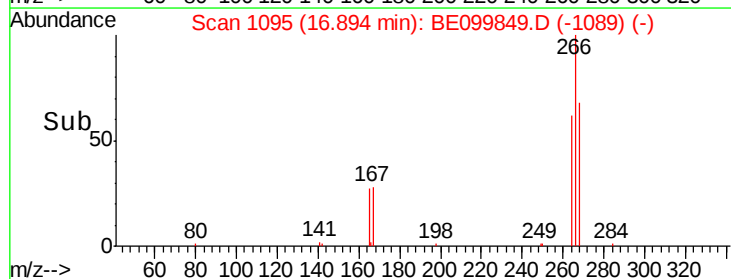
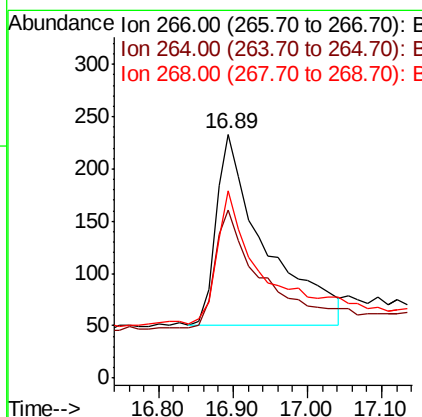
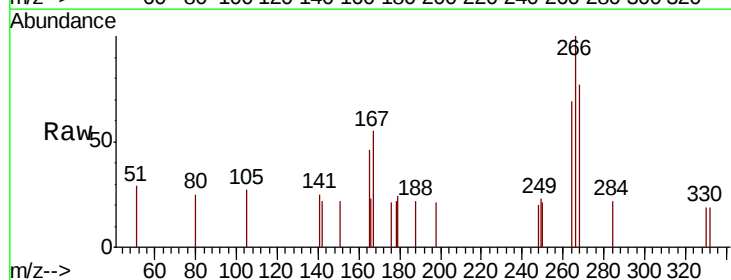
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

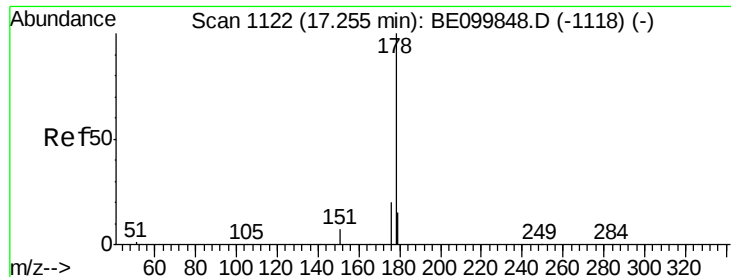
Tot Ion:284 Resp: 2906  
Ion Ratio Lower Upper  
284 100  
142 22.5 17.8 26.8  
249 32.8 24.6 36.8



#22  
Pentachlorophenol  
Concen: 1.189 ng  
RT: 16.89 min Scan# 1095  
Delta R.T. -0.01 min  
Lab File: BE099849.D  
Acq: 7 Jun 2019 12:53

Tgt Ion:266 Resp: 845  
Ion Ratio Lower Upper  
266 100  
264 69.1 68.6 102.8  
268 76.8 74.3 111.5





#23

Phenanthrene

Concen: 0.871 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

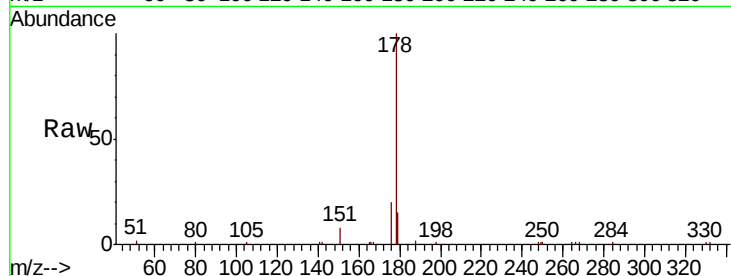
Tot Ion:178 Resp: 13120

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

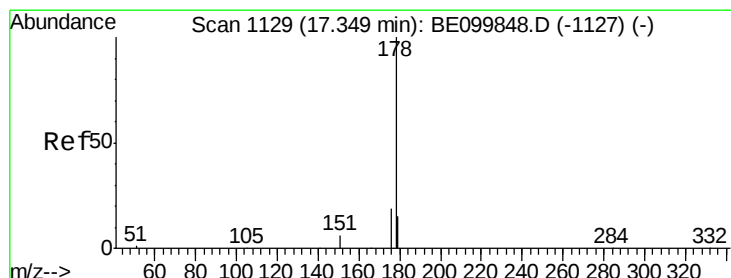
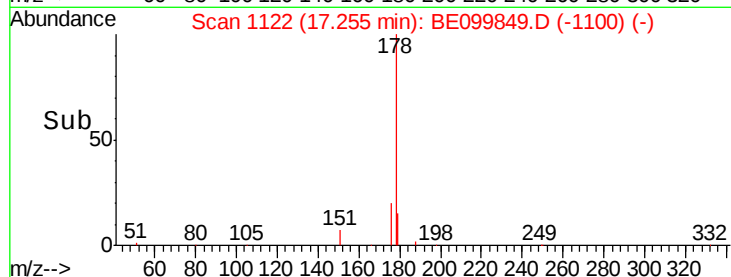
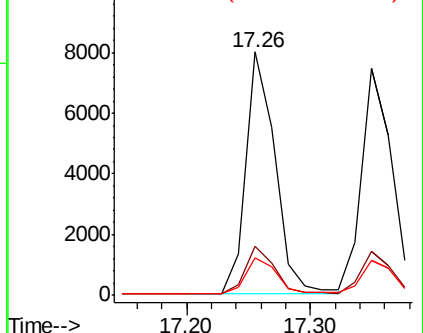
179 15.7 12.0 18.0



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



#24

Anthracene

Concen: 0.917 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

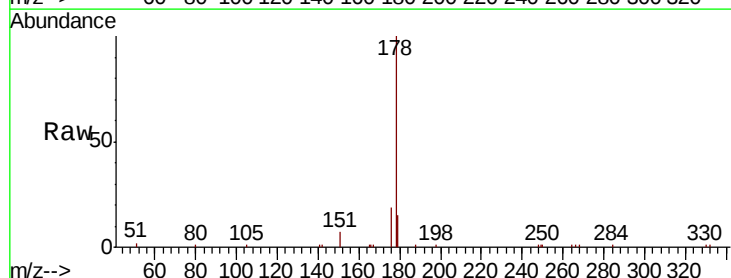
Tgt Ion:178 Resp: 12481

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

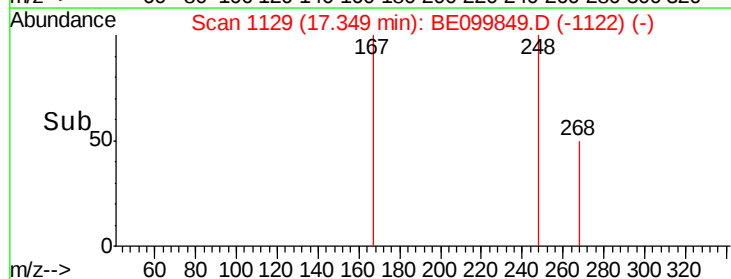
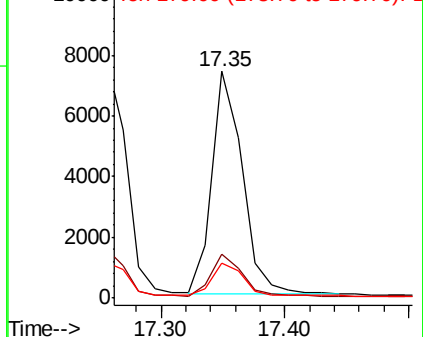
179 14.9 12.1 18.1

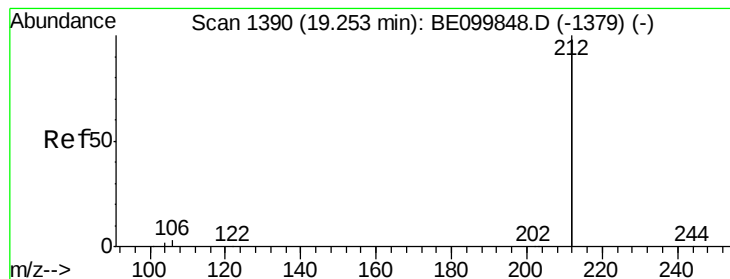


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.867 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

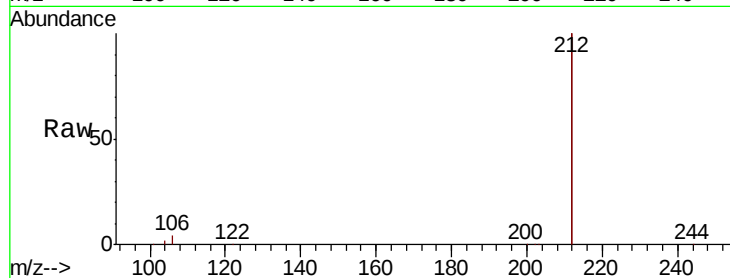
Tot Ion:212 Resp: 81304

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

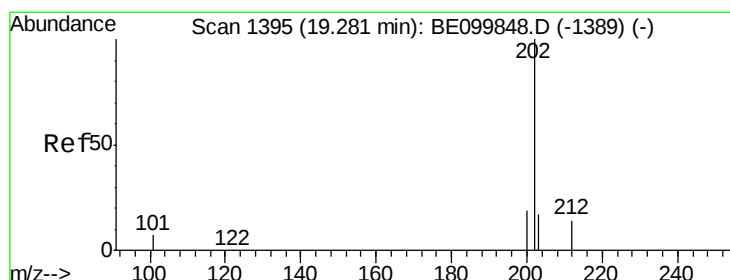
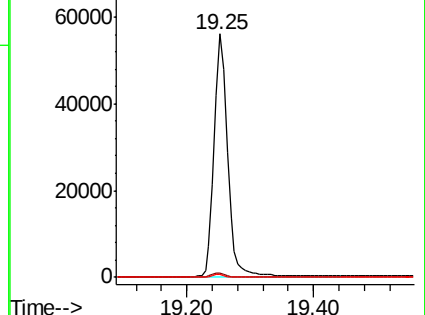
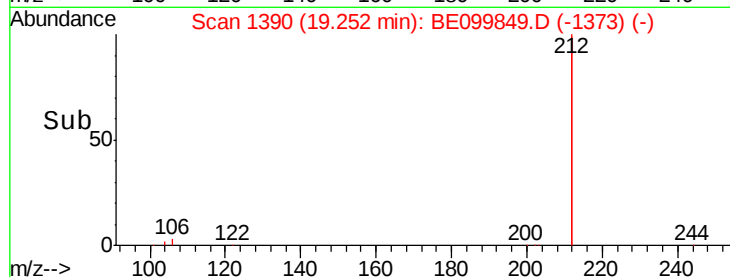
104 1.0 0.8 1.2



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



#26

Fluoranthene

Concen: 0.863 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

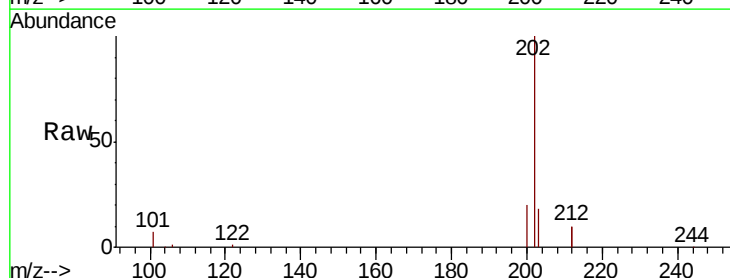
Tgt Ion:202 Resp: 22771

Ion Ratio Lower Upper

202 100

101 6.5 5.2 7.8

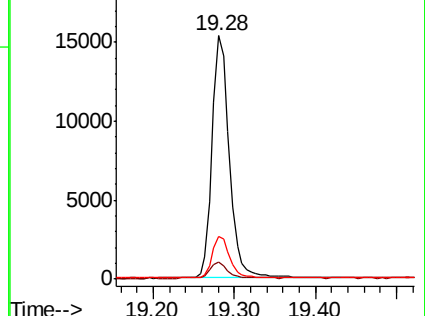
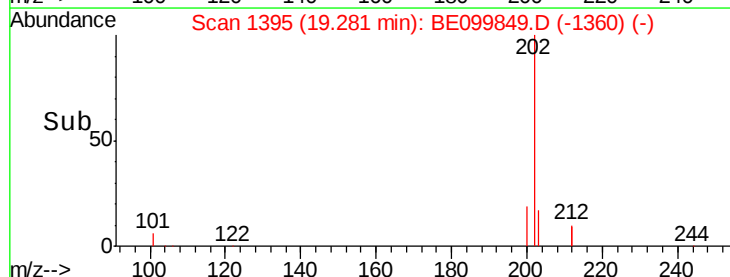
203 17.0 13.9 20.9

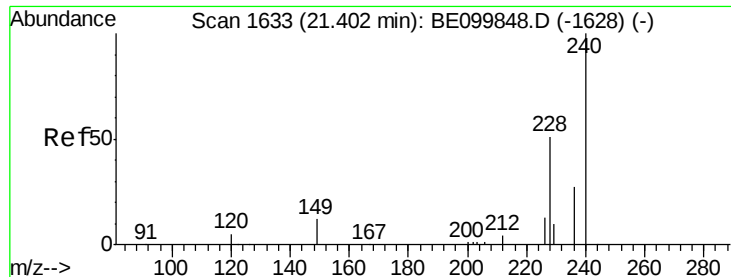


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

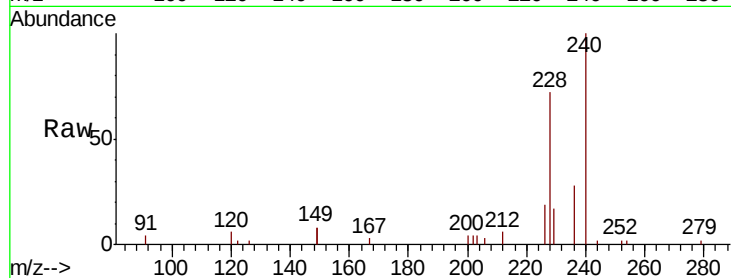
Tot Ion:240 Resp: 11658

Ion Ratio Lower Upper

240 100

120 5.9 5.8 8.6

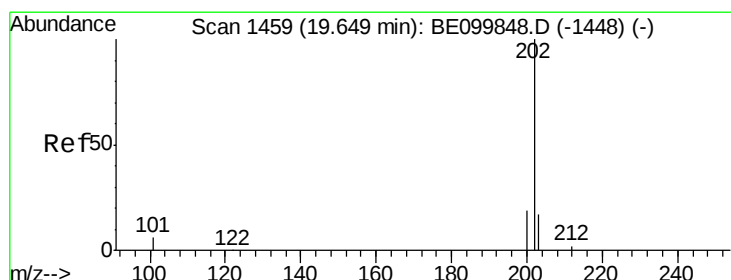
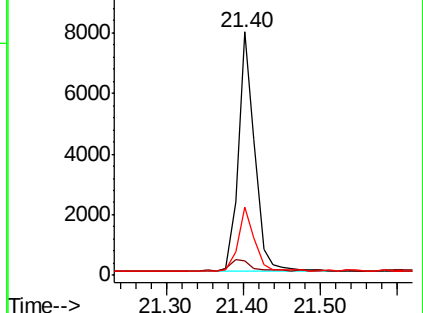
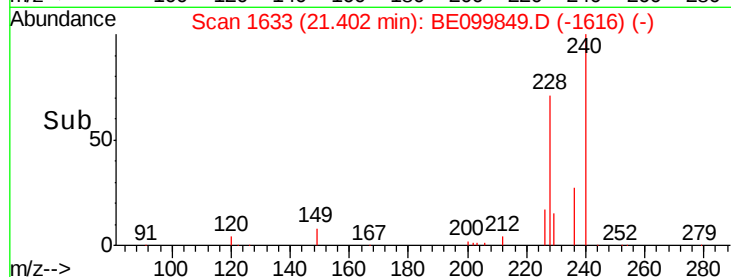
236 27.9 23.0 34.6



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: 0.863 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

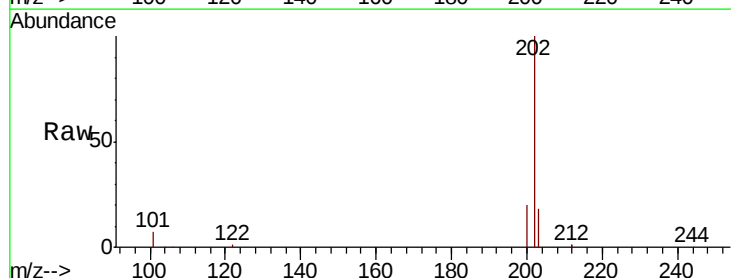
Tgt Ion:202 Resp: 24308

Ion Ratio Lower Upper

202 100

200 19.5 15.2 22.8

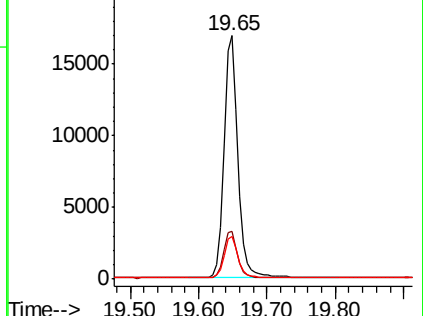
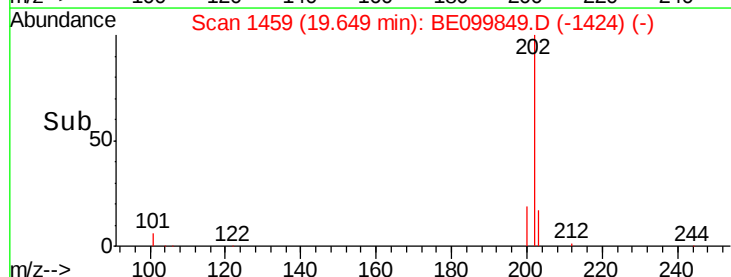
203 17.7 13.8 20.6

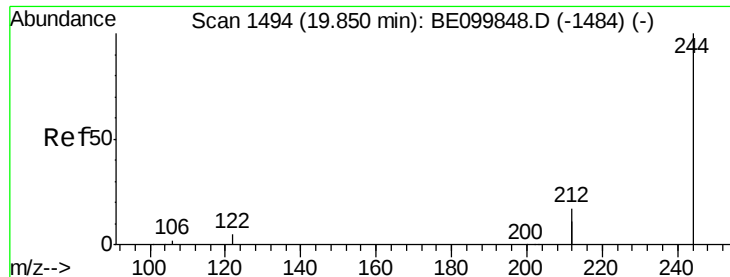


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.899 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

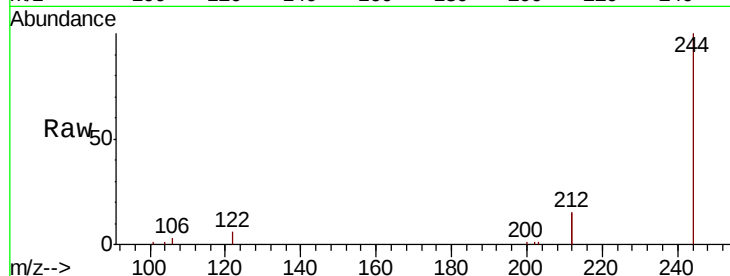
Tot Ion:244 Resp: 17183

Ion Ratio Lower Upper

244 100

212 29.1 26.3 39.5

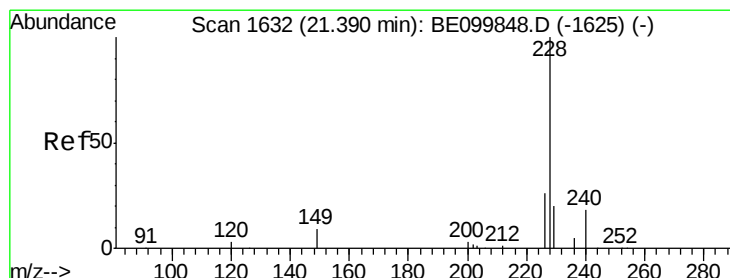
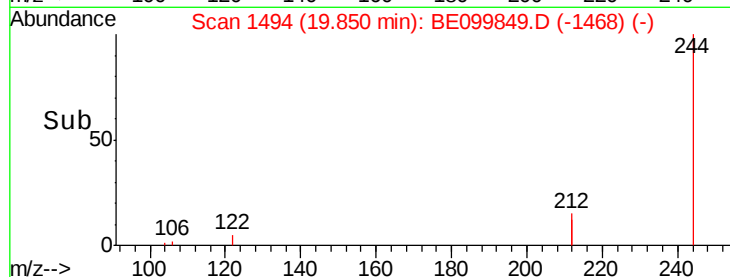
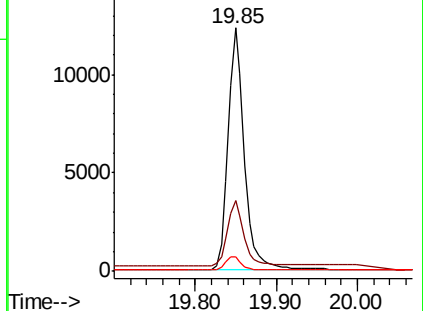
122 5.8 5.2 7.8



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: 0.923 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

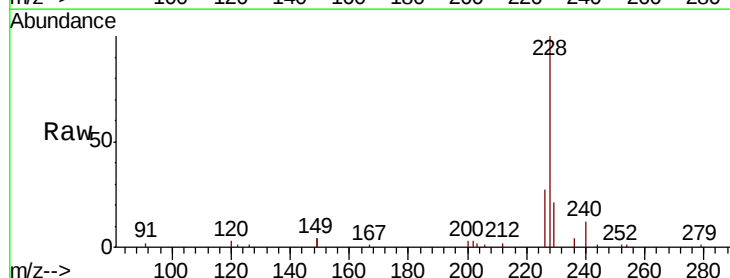
Tgt Ion:228 Resp: 29741

Ion Ratio Lower Upper

228 100

226 26.5 22.2 33.4

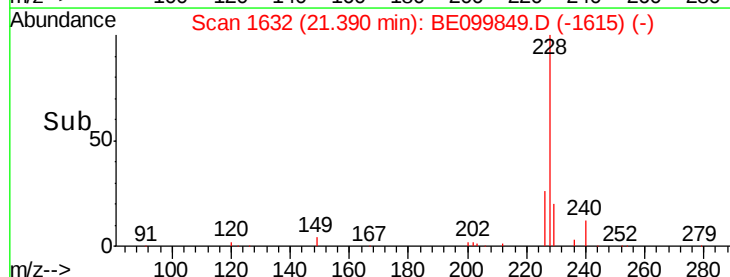
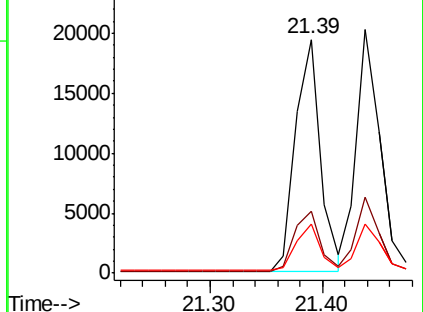
229 20.8 17.8 26.6

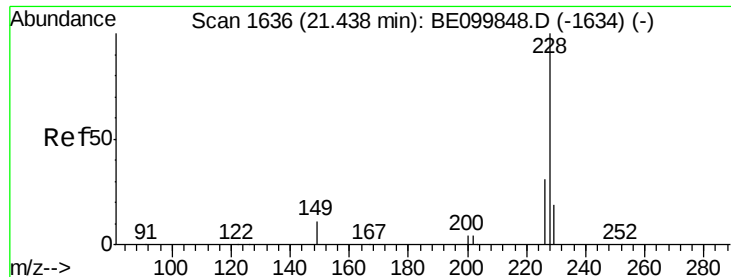


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.823 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

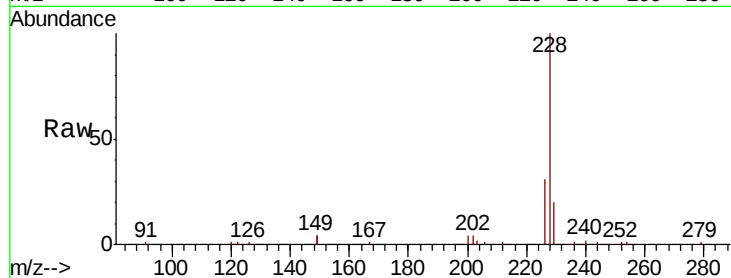
Tot Ion:228 Resp: 29276

Ion Ratio Lower Upper

228 100

226 31.4 25.6 38.4

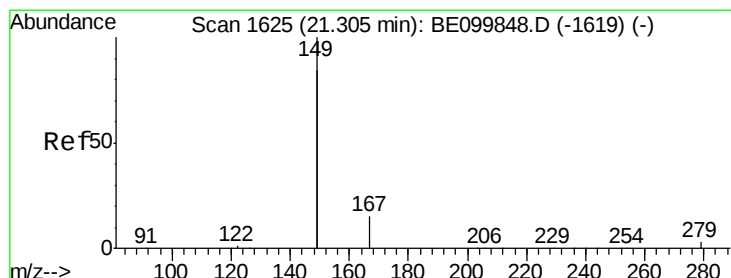
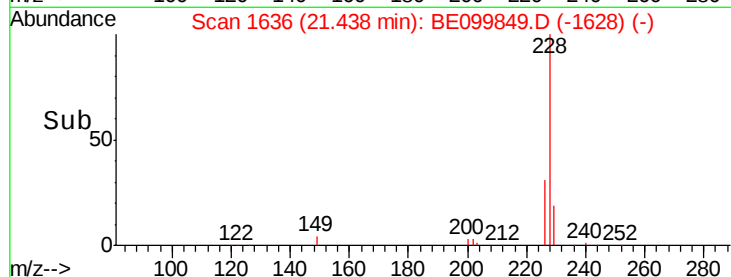
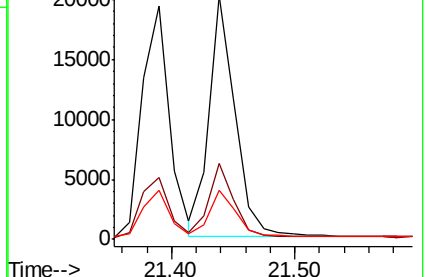
229 20.2 17.6 26.4



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: 1.270 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

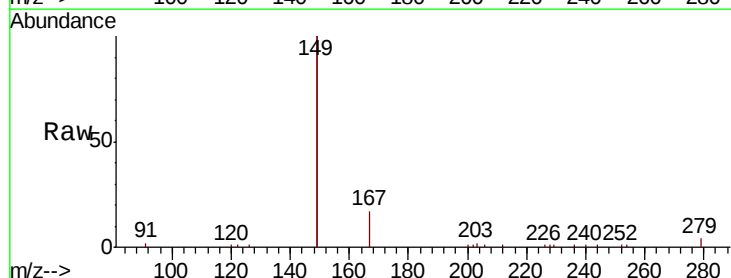
Tgt Ion:149 Resp: 46972

Ion Ratio Lower Upper

149 100

167 7.8 6.8 10.2

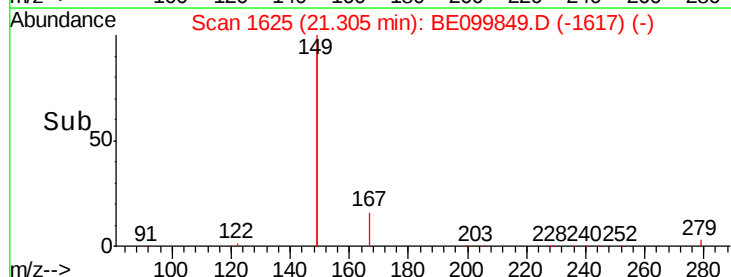
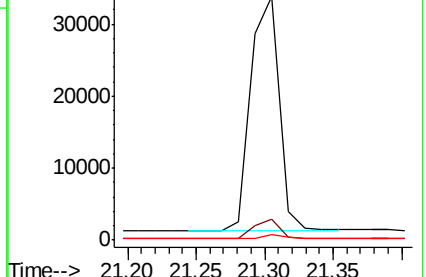
279 1.7 1.4 2.2

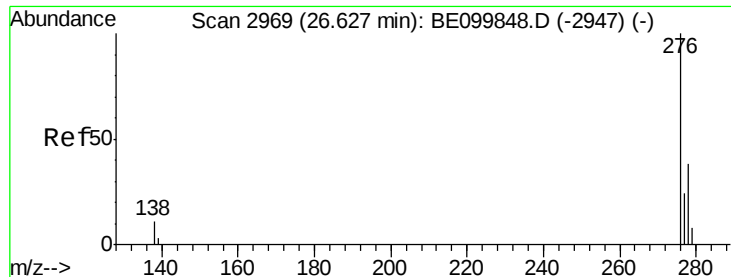


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

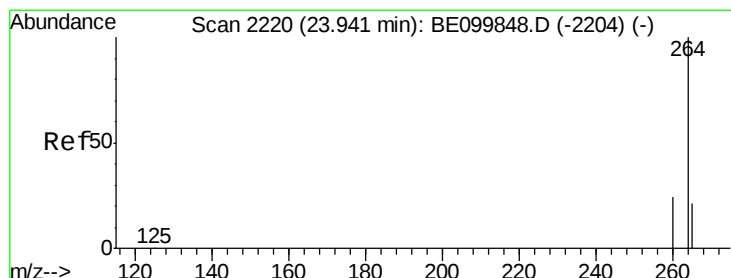
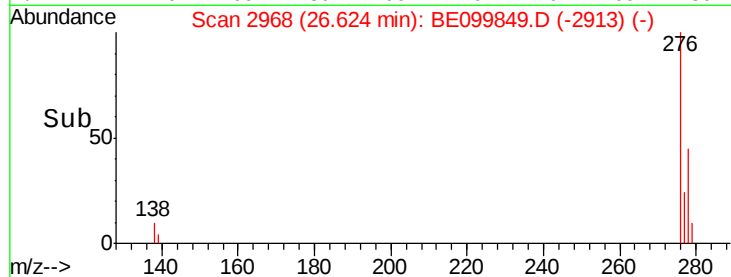
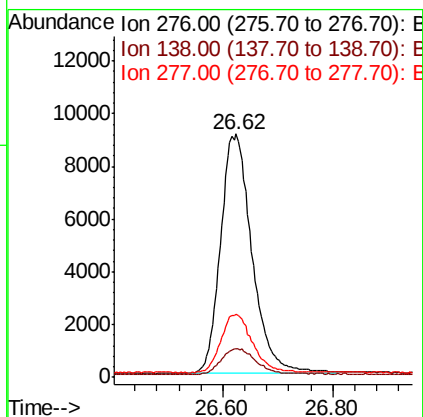
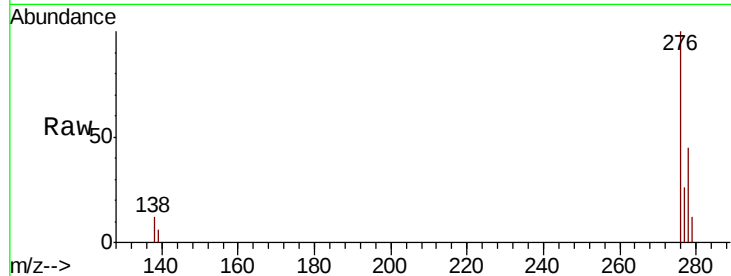




#33  
Indeno(1,2,3-cd)pyrene  
Concen: 0.848 ng  
RT: 26.62 min Scan# 2968  
Delta R.T. -0.00 min  
Lab File: BE099849.D  
Acq: 7 Jun 2019 12:53

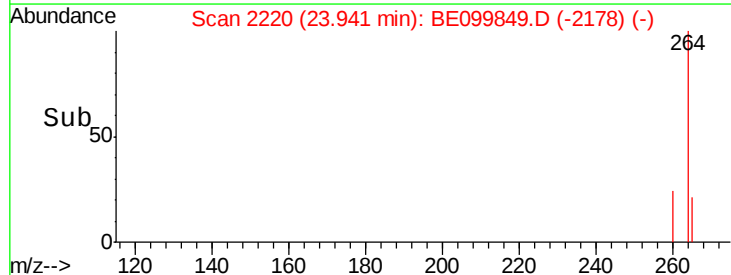
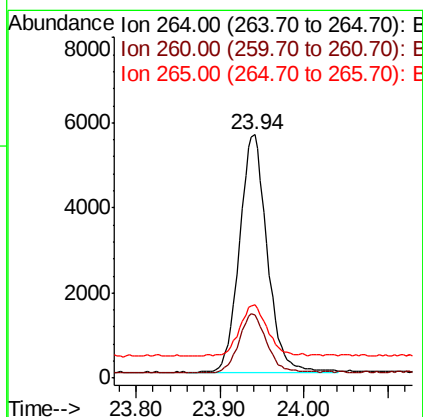
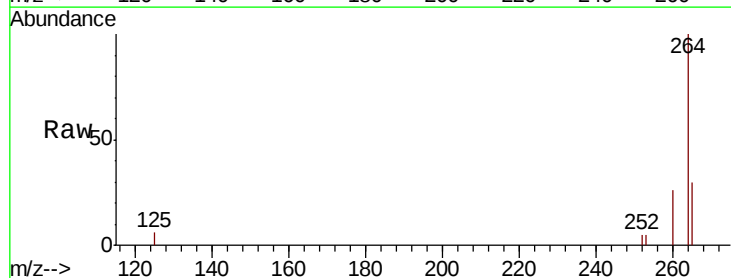
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

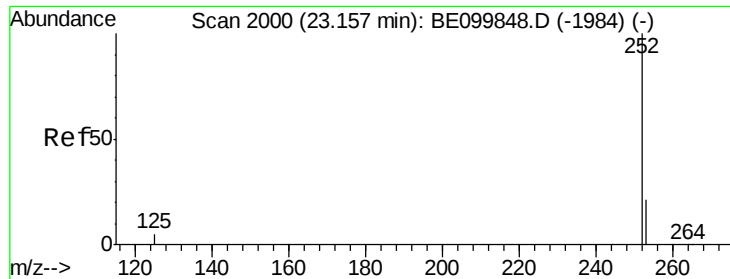
Tot Ion:276 Resp: 36142  
Ion Ratio Lower Upper  
276 100  
138 11.4 9.4 14.0  
277 24.4 19.7 29.5



#34  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.94 min Scan# 2220  
Delta R.T. -0.00 min  
Lab File: BE099849.D  
Acq: 7 Jun 2019 12:53

Tgt Ion:264 Resp: 12859  
Ion Ratio Lower Upper  
264 100  
260 25.9 20.8 31.2  
265 30.2 24.9 37.3





#35

Benzo(b)fluoranthene

Concen: 0.814 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

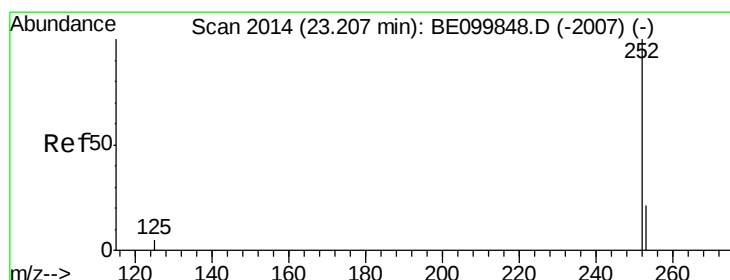
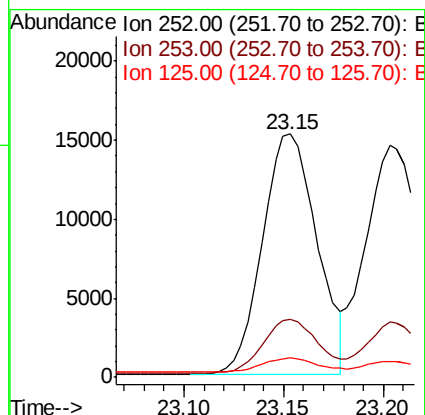
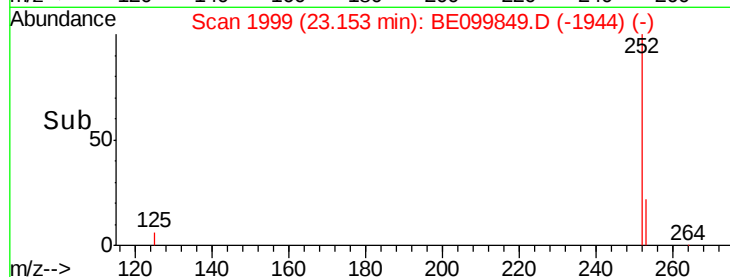
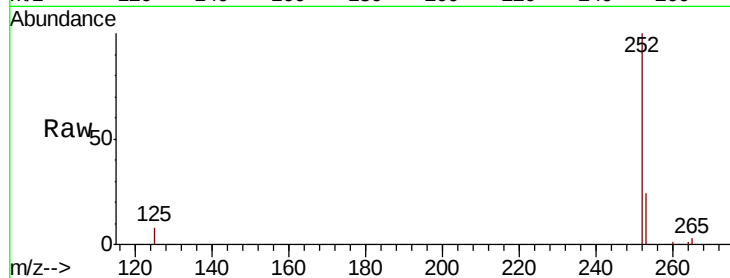
Tot Ion:252 Resp: 28974

Ion Ratio Lower Upper

252 100

253 23.8 20.2 30.4

125 8.0 8.5 12.7#



#36

Benzo(k)fluoranthene

Concen: 0.779 ng

RT: 23.20 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

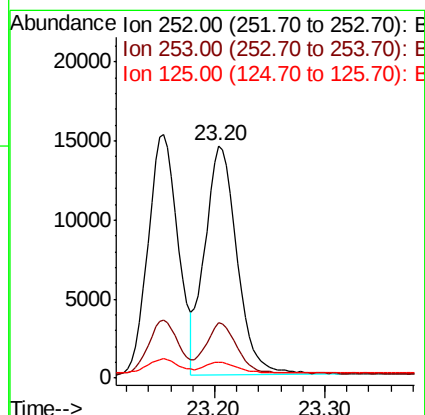
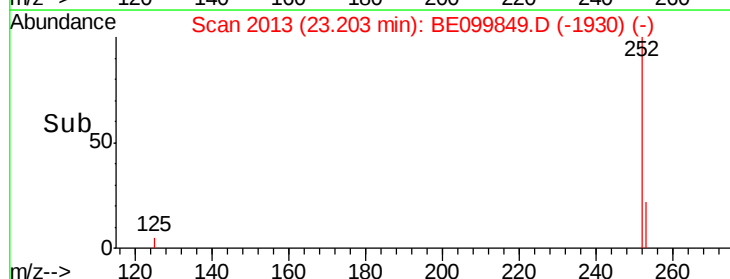
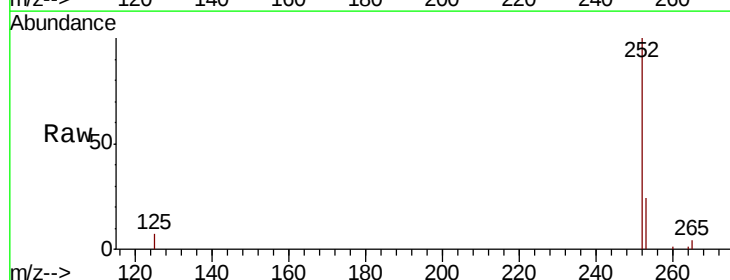
Tgt Ion:252 Resp: 29434

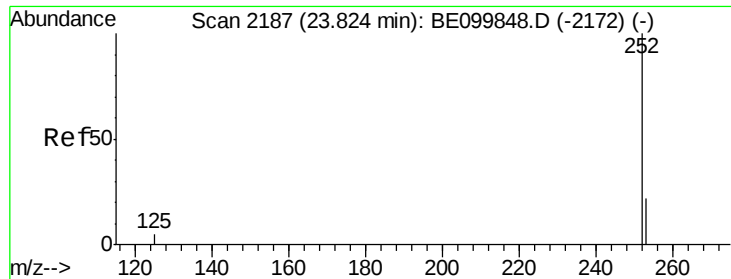
Ion Ratio Lower Upper

252 100

253 23.7 19.8 29.6

125 6.9 8.2 12.4#





#37

Benzo(a)pyrene

Concen: 0.830 ng

RT: 23.82 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

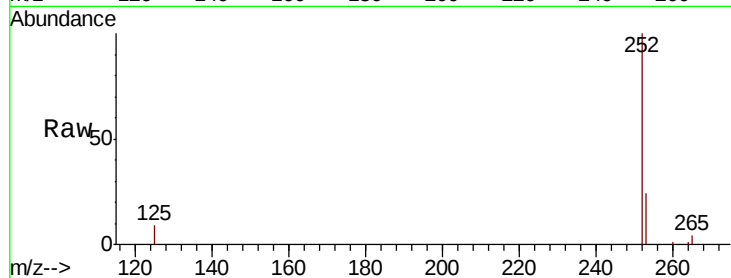
Tot Ion:252 Resp: 28646

Ion Ratio Lower Upper

252 100

253 23.7 21.5 32.3

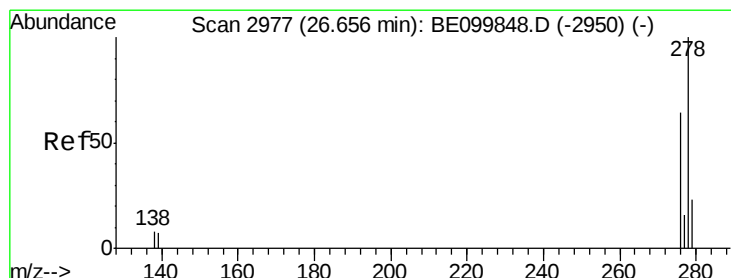
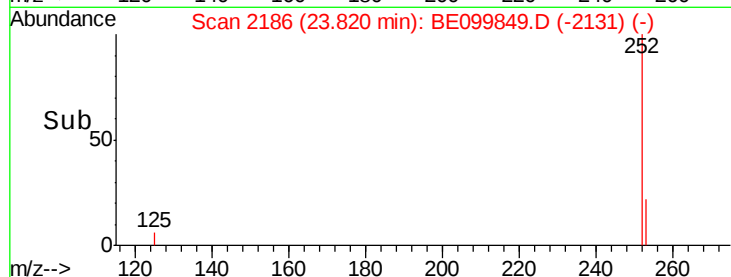
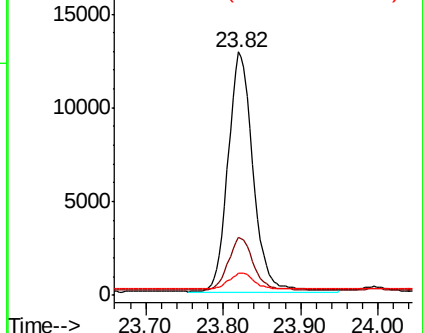
125 9.1 10.0 15.0#



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: 0.839 ng

RT: 26.65 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

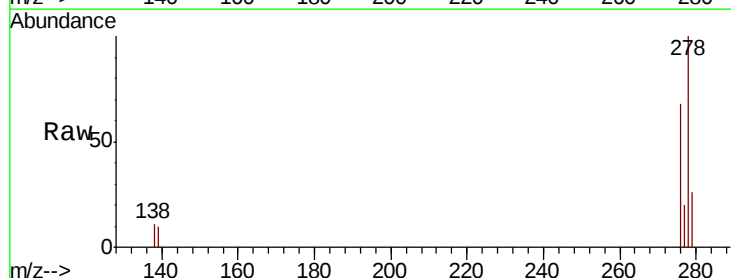
Tgt Ion:278 Resp: 29464

Ion Ratio Lower Upper

278 100

139 10.2 10.1 15.1

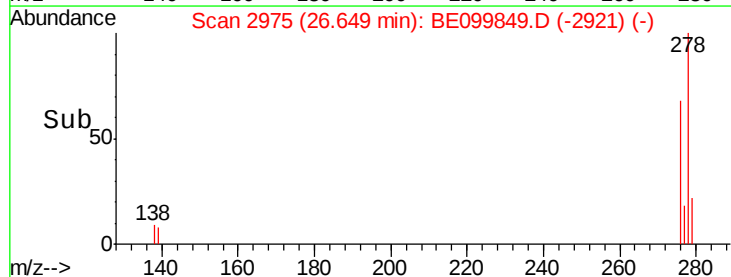
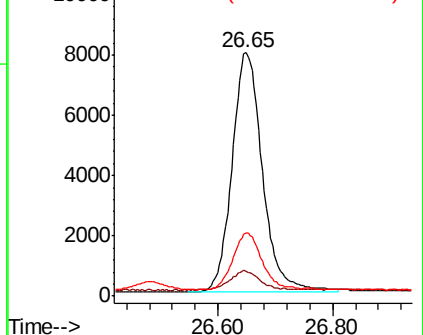
279 25.8 22.7 34.1

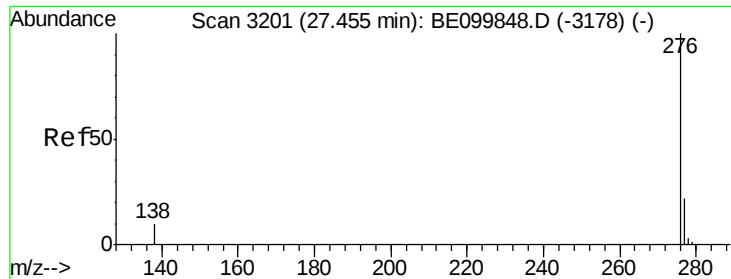


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.804 ng

RT: 27.45 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BE099849.D

Acq: 7 Jun 2019 12:53

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

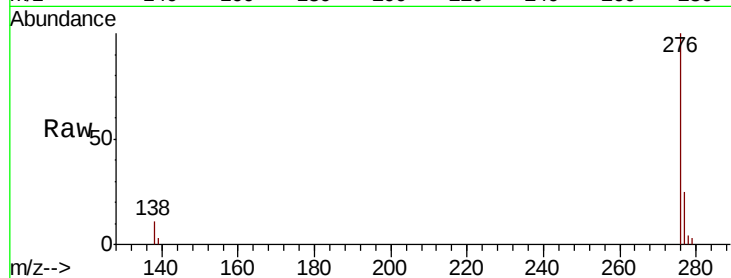
Tot Ion:276 Resp: 29649

Ion Ratio Lower Upper

276 100

277 25.5 22.1 33.1

138 10.9 10.6 15.8



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

