

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\  
 Data File : BE100756.D  
 Acq On : 22 Nov 2019 13:14  
 Operator : JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Nov 22 14:42:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 22 06:40:44 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 5286     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.55 | 136  | 22775    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.40 | 164  | 12183    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.13 | 188  | 26871    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.32 | 240  | 29492    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.77 | 264  | 27870    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.38  | 112 | 5458   | 0.38 | ng | 0.00 |
| 5) Phenol-d6                | 6.93  | 99  | 7960   | 0.38 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.90  | 82  | 3823   | 0.52 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.14 | 152 | 12862  | 0.39 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.88 | 330 | 704    | 0.41 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.03 | 172 | 19517  | 0.41 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.17 | 212 | 121606 | 0.37 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.78 | 244 | 27071  | 0.40 | ng | 0.00 |

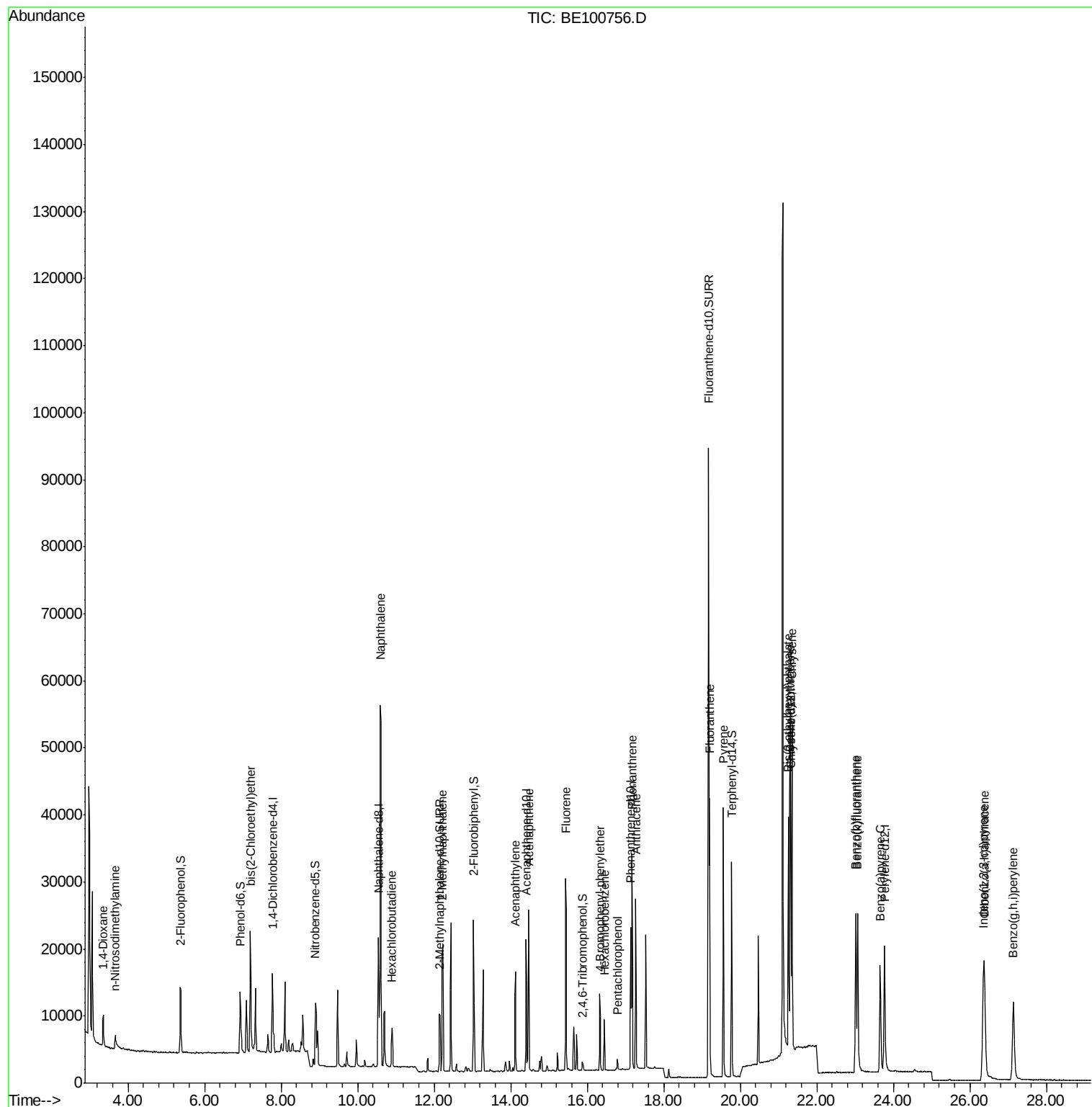
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.35  | 88  | 4341  | 0.438  | ng | # 84 |
| 3) n-Nitrosodimethylamine      | 3.66  | 42  | 2707  | 0.463  | ng | # 65 |
| 6) bis(2-Chloroethyl)ether     | 7.19  | 93  | 6752  | 0.390  | ng | 95   |
| 9) Naphthalene                 | 10.59 | 128 | 96733 | 0.400  | ng | 100  |
| 10) Hexachlorobutadiene        | 10.90 | 225 | 3837  | 0.413  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.22 | 142 | 14936 | 0.391  | ng | 99   |
| 16) Acenaphthylene             | 14.13 | 152 | 18512 | 0.353  | ng | 99   |
| 17) Acenaphthene               | 14.47 | 154 | 13542 | 0.385  | ng | 100  |
| 18) Fluorene                   | 15.43 | 166 | 16917 | 0.377  | ng | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.34 | 248 | 5121  | 0.387  | ng | # 56 |
| 21) Hexachlorobenzene          | 16.45 | 284 | 5519  | 0.400  | ng | 98   |
| 22) Pentachlorophenol          | 16.79 | 266 | 885   | 0.473  | ng | 97   |
| 23) Phenanthrene               | 17.17 | 178 | 32195 | 0.398  | ng | 99   |
| 24) Anthracene                 | 17.27 | 178 | 25727 | 0.369  | ng | 100  |
| 26) Fluoranthene               | 19.20 | 202 | 36821 | 0.372  | ng | 100  |
| 28) Pyrene                     | 19.56 | 202 | 36274 | 0.397  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.29 | 228 | 37673 | 0.379  | ng | 95   |
| 31) Chrysene                   | 21.35 | 228 | 40497 | 0.400  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 35984 | 0.244  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.35 | 276 | 32823 | 0.355  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 23.02 | 252 | 32887 | 0.376  | ng | 99   |
| 36) Benzo(k)fluoranthene       | 23.07 | 252 | 35108 | 0.385  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.66 | 252 | 27459 | 0.356  | ng | 99   |
| 38) Dibenzo(a,h)anthracene     | 26.38 | 278 | 27221 | 0.336  | ng | 99   |
| 39) Benzo(g,h,i)perylene       | 27.14 | 276 | 29551 | 0.384  | ng | 98   |

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

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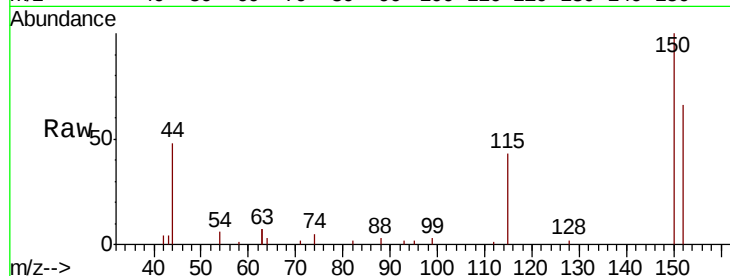


#1

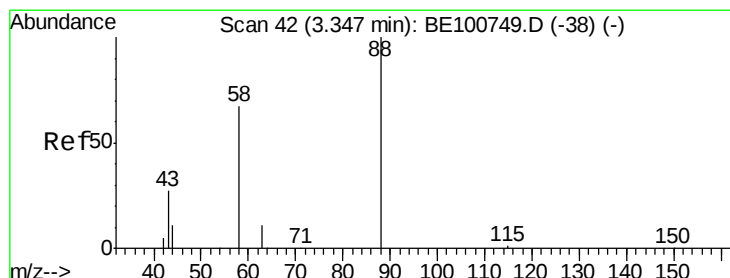
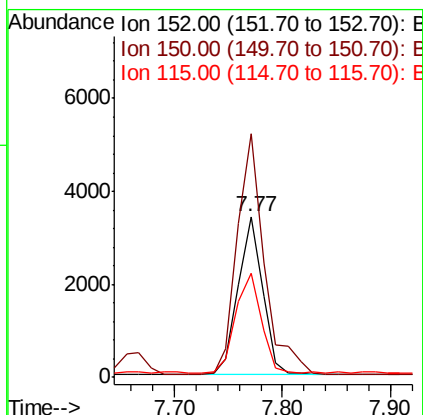
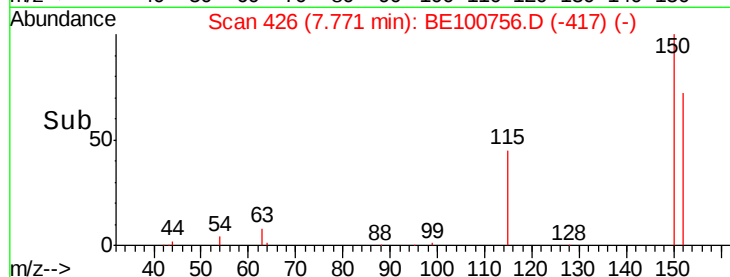
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.77 min Scan# 426  
Delta R.T. 0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:152 Resp: 5286  
Ion Ratio Lower Upper  
152 100  
150 151.7 127.1 190.7  
115 65.0 53.0 79.4



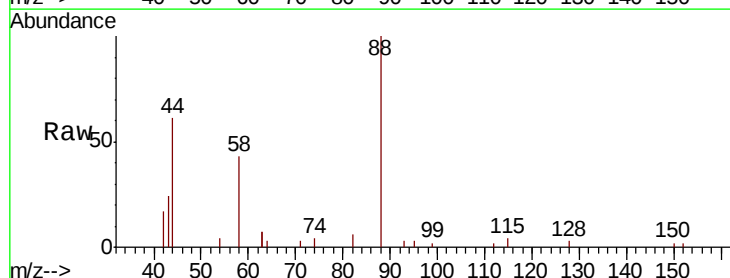
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



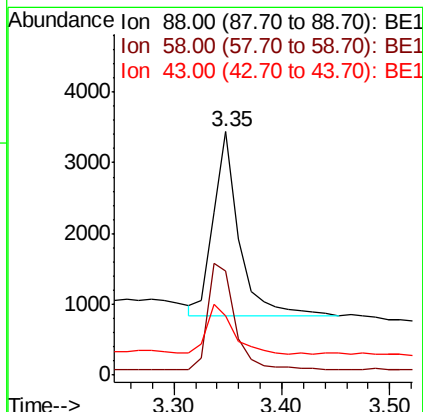
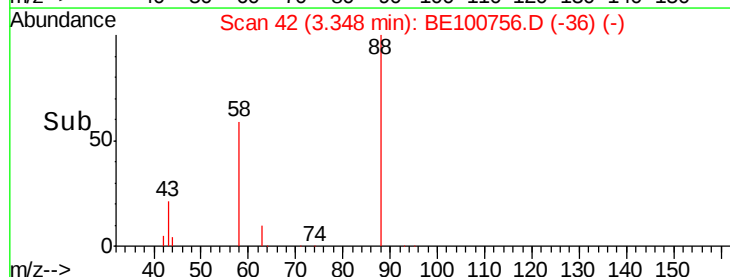
#2

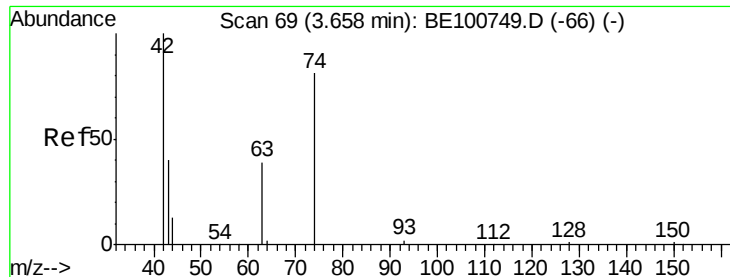
1,4-Dioxane  
Concen: 0.438 ng  
RT: 3.35 min Scan# 42  
Delta R.T. 0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

Tgt Ion: 88 Resp: 4341  
Ion Ratio Lower Upper  
88 100  
58 60.1 60.7 91.1#  
43 28.7 27.4 41.2



Abundance Ion 88.00 (87.70 to 88.70): BE1  
Ion 58.00 (57.70 to 58.70): BE1  
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.463 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

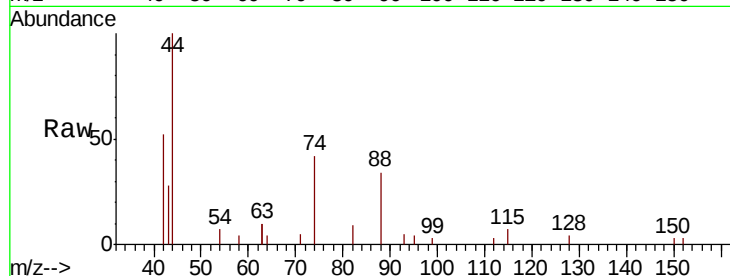
Tot Ion: 42 Resp: 2707

Ion Ratio Lower Upper

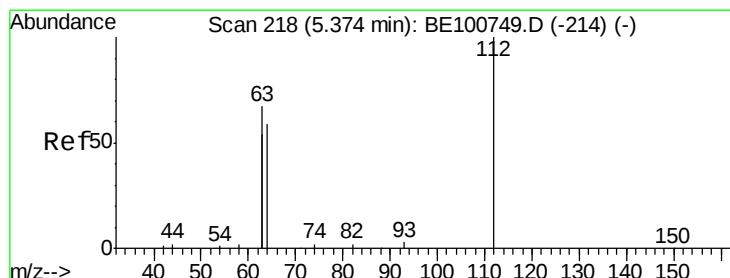
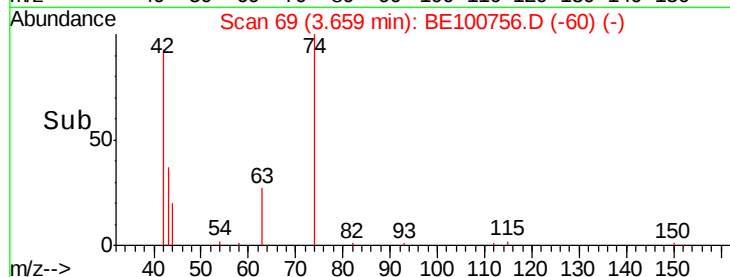
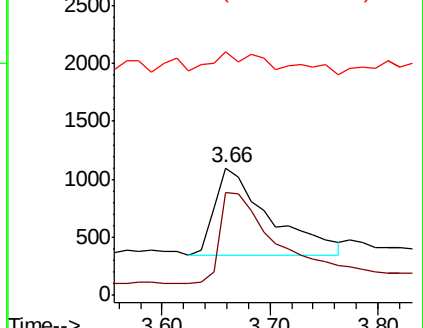
42 100

74 105.6 0.0 0.0#

44 16.9 4.2 6.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1  
Ion 74.00 (73.70 to 74.70): BE1  
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.381 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

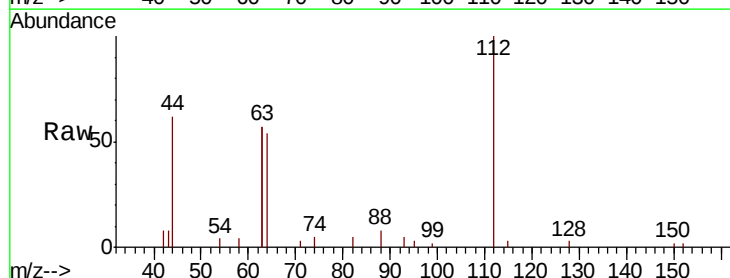
Tgt Ion: 112 Resp: 5458

Ion Ratio Lower Upper

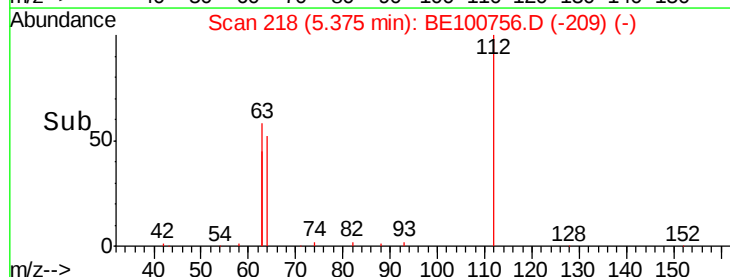
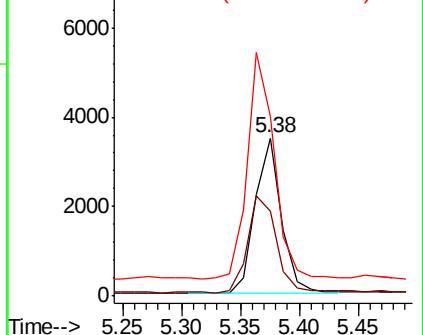
112 100

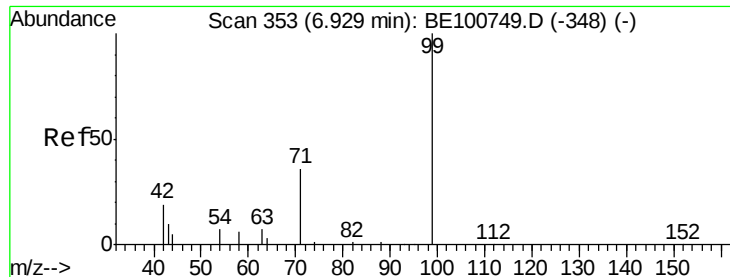
64 67.3 54.3 81.5

63 146.9 114.0 171.0



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE1  
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

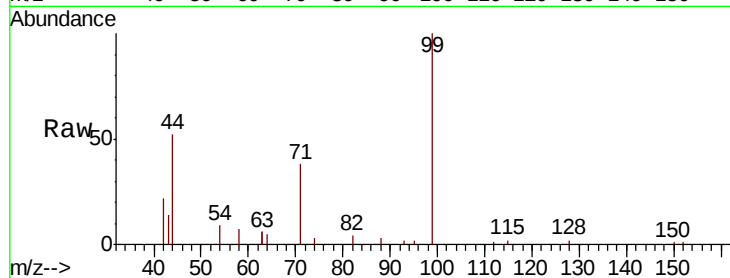
Tot Ion: 99 Resp: 7960

Ion Ratio Lower Upper

99 100

42 23.2 17.9 26.9

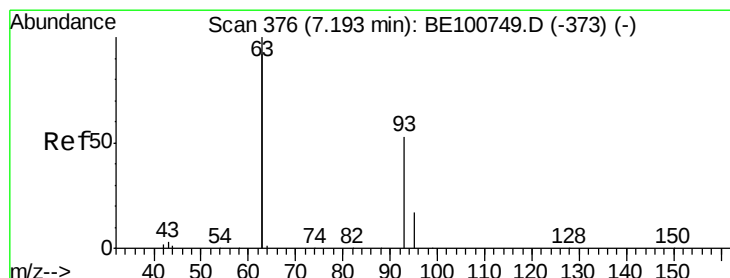
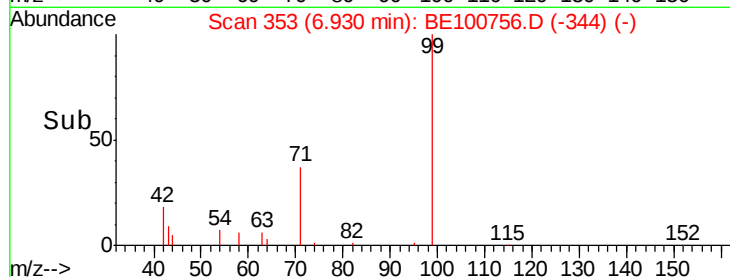
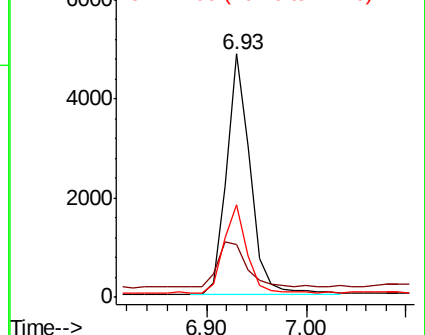
71 35.9 29.3 43.9



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.390 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

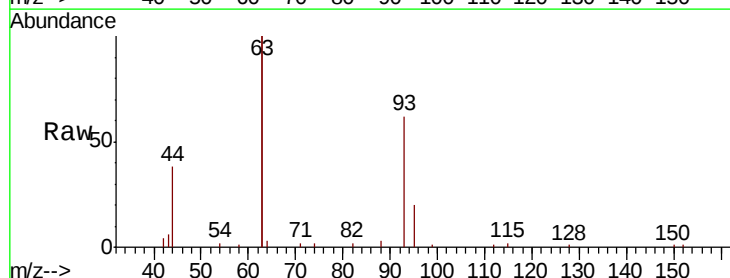
Tgt Ion: 93 Resp: 6752

Ion Ratio Lower Upper

93 100

63 323.6 267.0 400.6

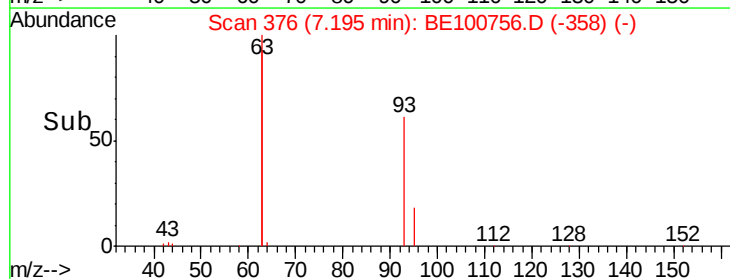
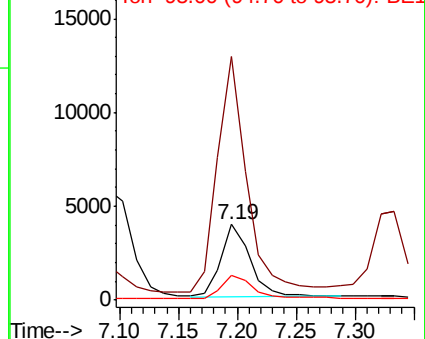
95 35.3 26.2 39.4

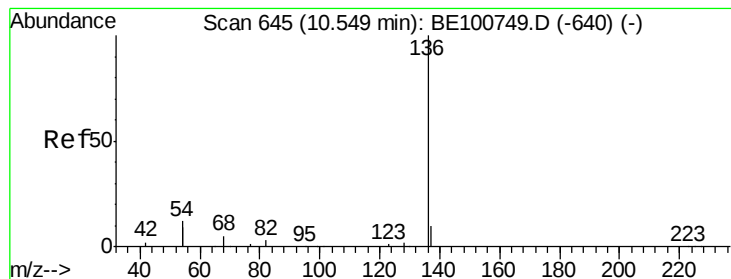


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.55 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 22775

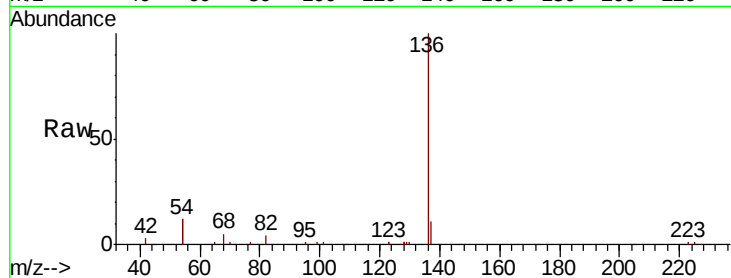
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 24.7 19.4 29.0

68 5.4 4.6 6.8

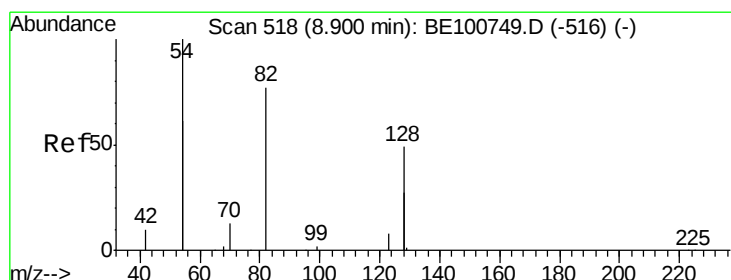
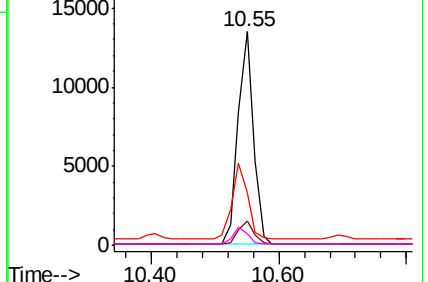
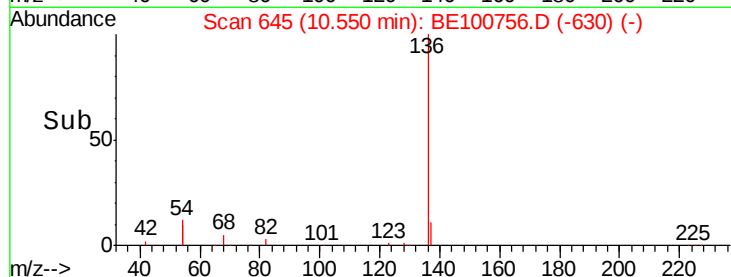


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.524 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

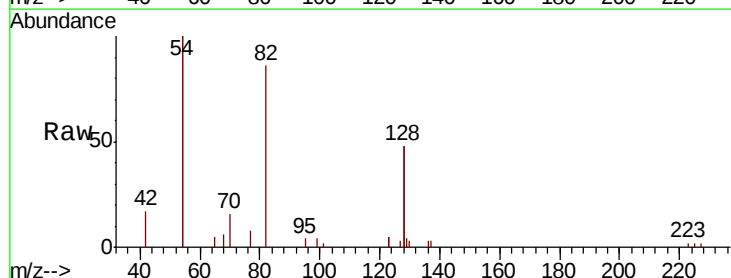
Tgt Ion: 82 Resp: 3823

Ion Ratio Lower Upper

82 100

128 112.7 90.2 135.4

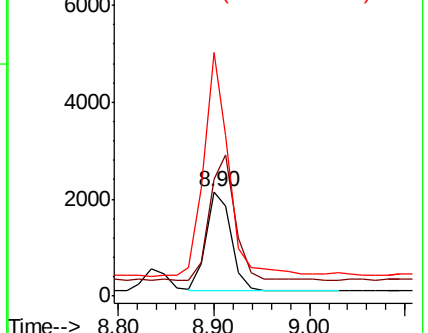
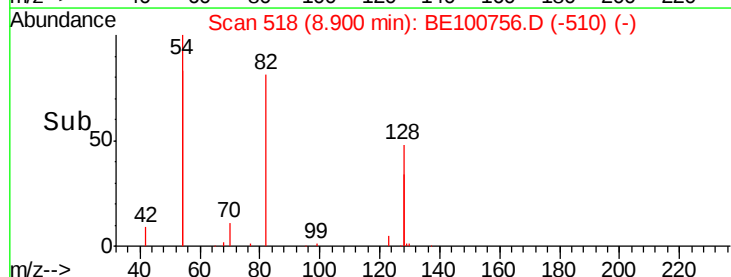
54 233.7 186.0 279.0

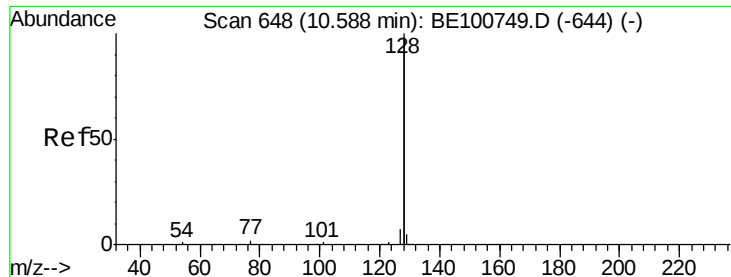


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

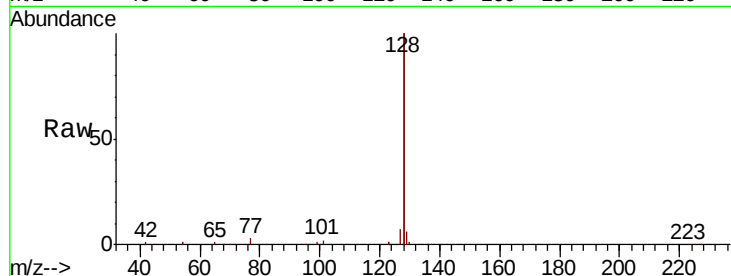
Tot Ion:128 Resp: 96733

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

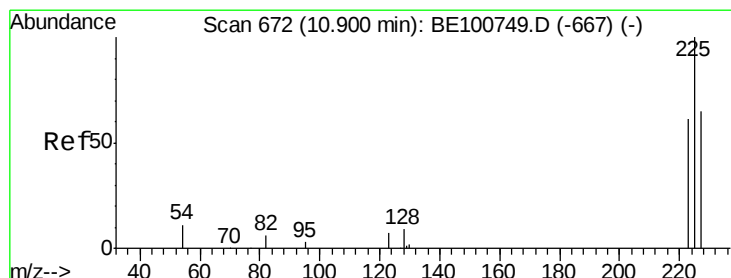
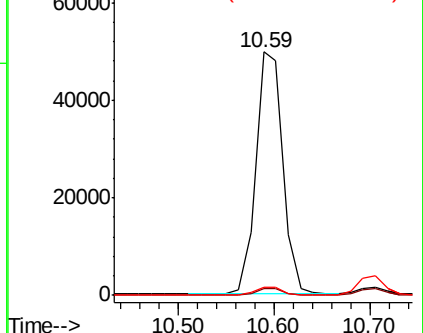
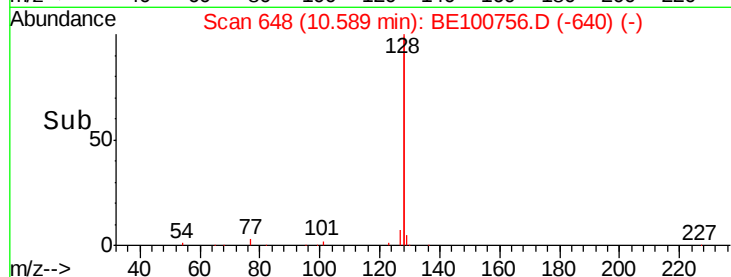
127 3.5 2.7 4.1



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: 0.413 ng

RT: 10.90 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

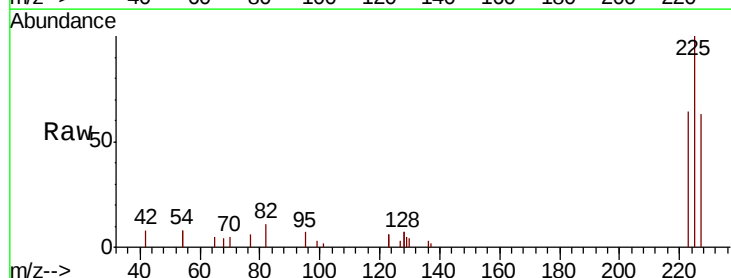
Tgt Ion:225 Resp: 3837

Ion Ratio Lower Upper

225 100

223 62.9 50.6 75.8

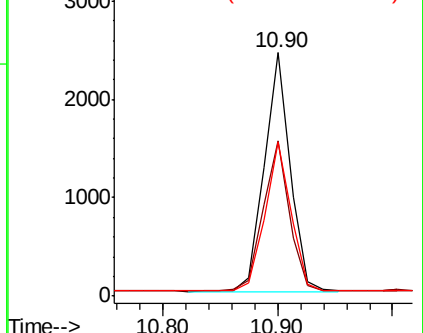
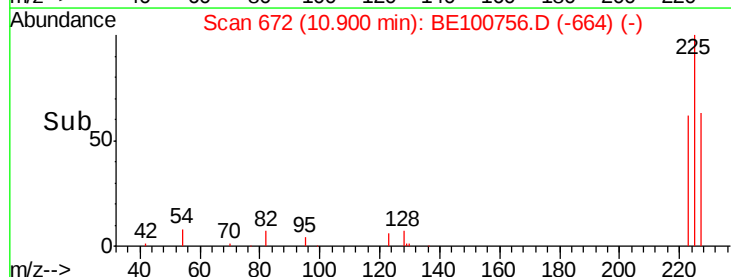
227 62.2 52.0 78.0

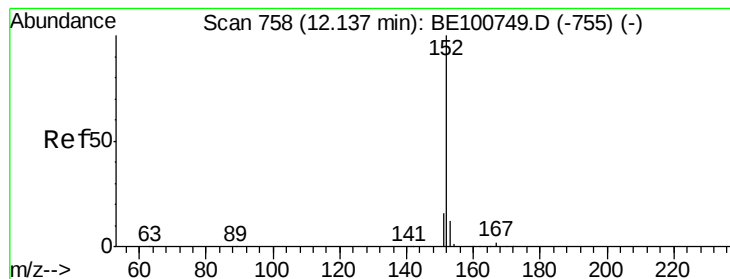


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

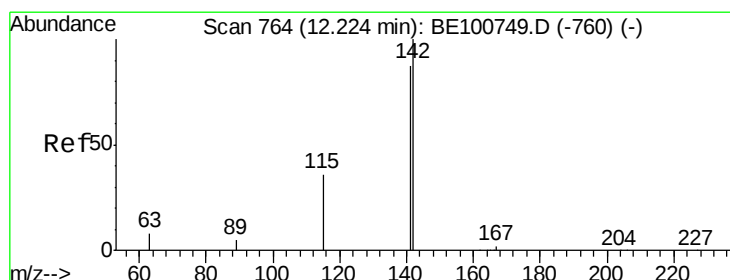
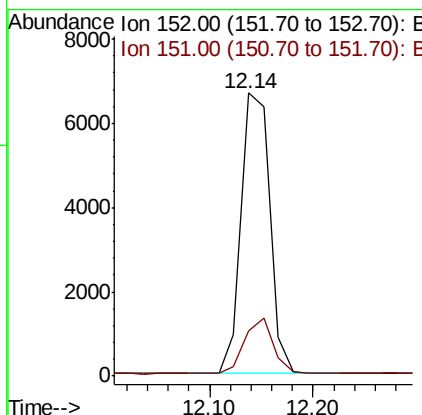
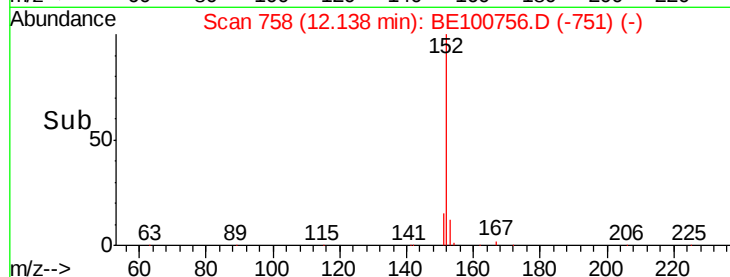
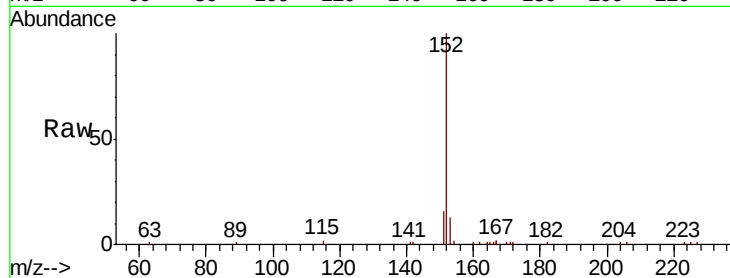




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.385 ng  
 RT: 12.14 min Scan# 758  
 Delta R.T. 0.00 min  
 Lab File: BE100756.D  
 Acq: 22 Nov 2019 13:14

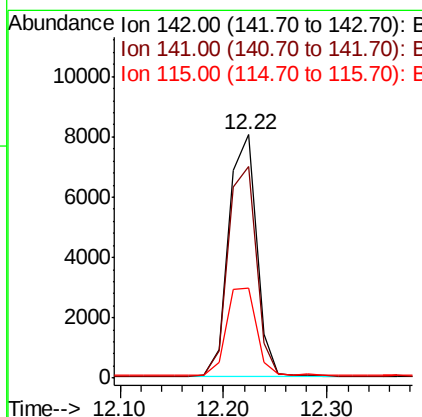
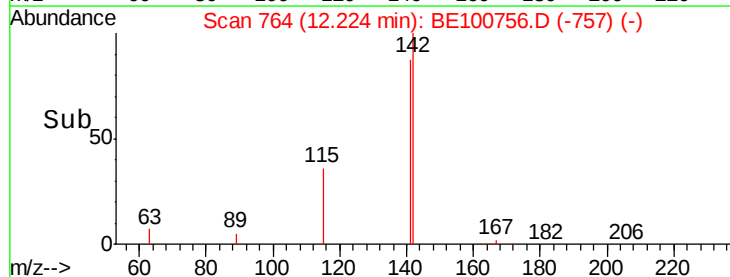
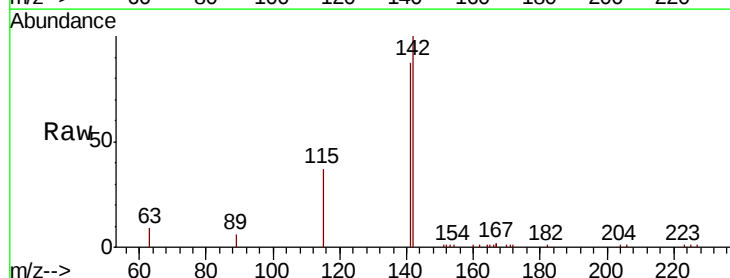
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

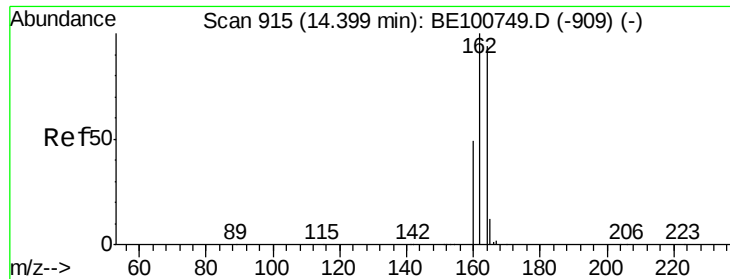
Tot Ion:152 Resp: 12862  
 Ion Ratio Lower Upper  
 152 100  
 151 19.6 15.8 23.8



#12  
 2-Methylnaphthalene  
 Concen: 0.391 ng  
 RT: 12.22 min Scan# 764  
 Delta R.T. 0.00 min  
 Lab File: BE100756.D  
 Acq: 22 Nov 2019 13:14

Tgt Ion:142 Resp: 14936  
 Ion Ratio Lower Upper  
 142 100  
 141 86.7 69.9 104.9  
 115 36.9 29.5 44.3

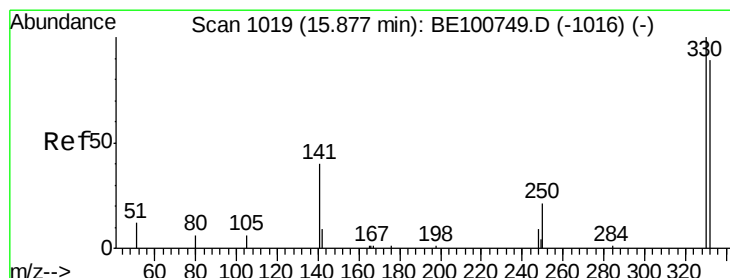
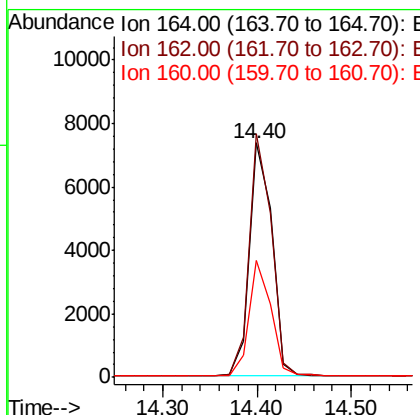
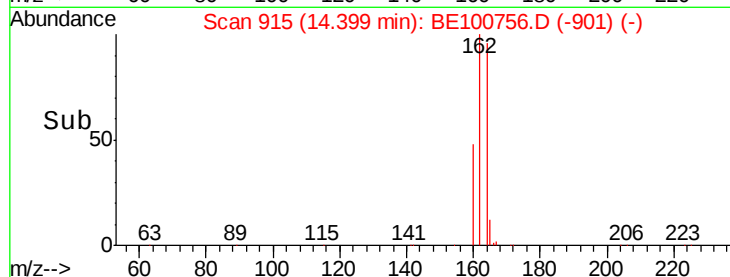
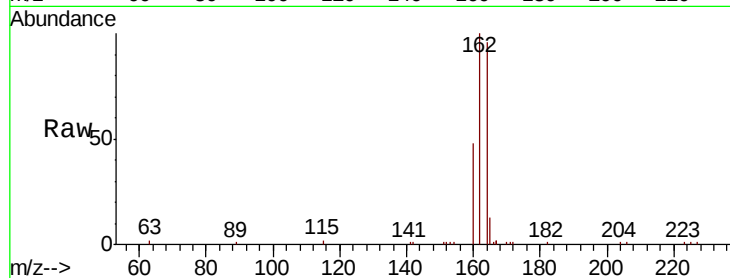




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.40 min Scan# 915  
 Delta R.T. 0.00 min  
 Lab File: BE100756.D  
 Acq: 22 Nov 2019 13:14

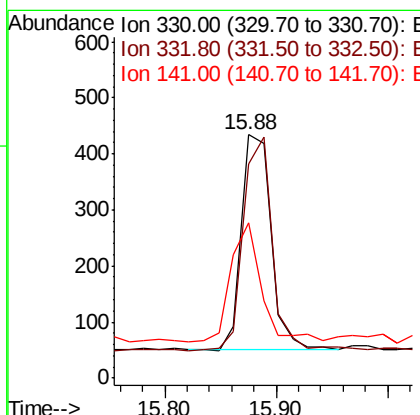
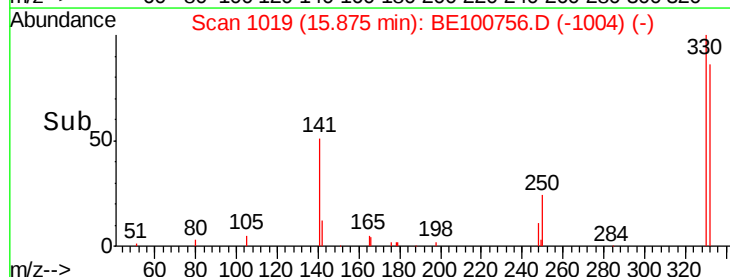
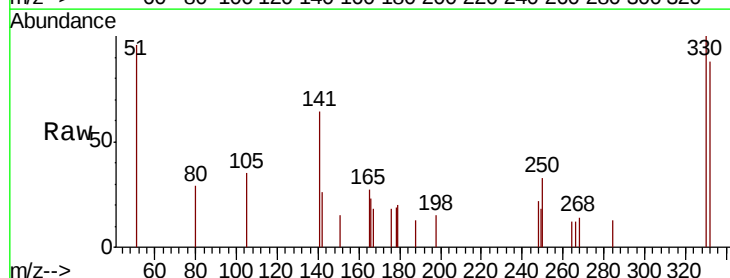
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

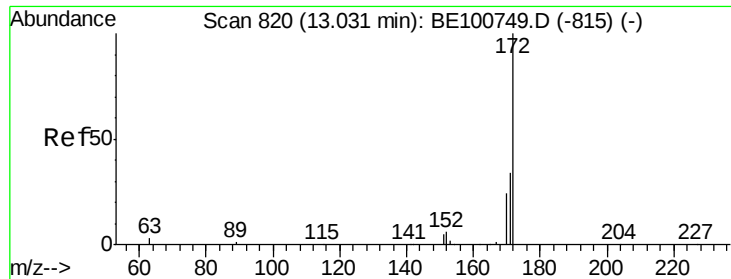
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.0 | 84.8  | 127.2 |
| 160     | 50.1  | 42.3  | 63.5  |



#14  
 2,4,6-Tribromophenol  
 Concen: 0.410 ng  
 RT: 15.88 min Scan# 1019  
 Delta R.T. -0.00 min  
 Lab File: BE100756.D  
 Acq: 22 Nov 2019 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.6  | 79.3  | 118.9 |
| 141     | 57.2  | 43.8  | 65.6  |

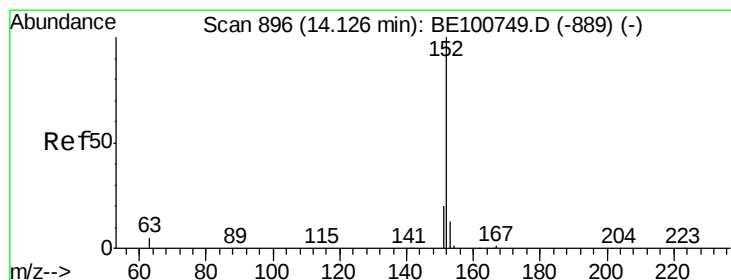
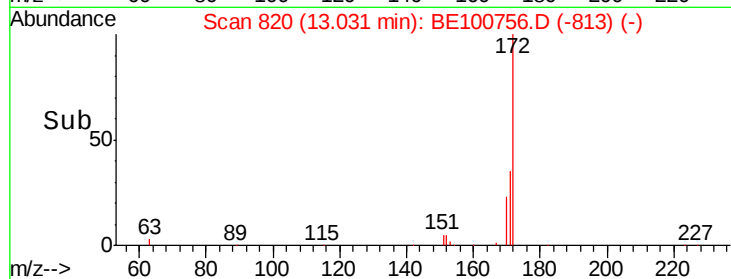
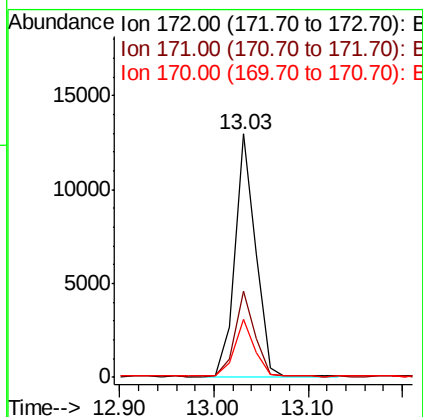
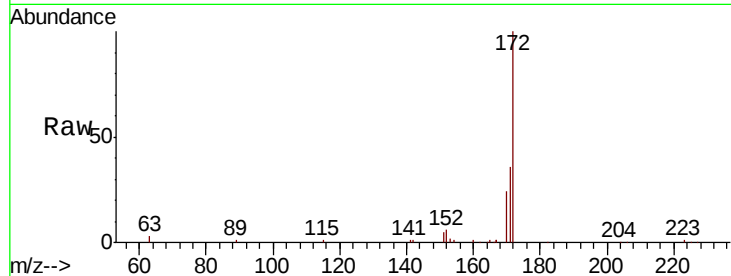




#15  
2-Fluorobiphenyl  
Concen: 0.413 ng  
RT: 13.03 min Scan# 820  
Delta R.T. 0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

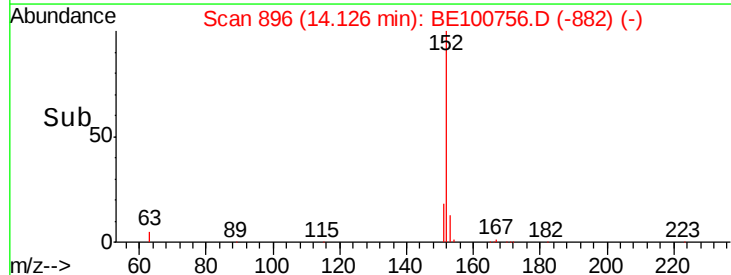
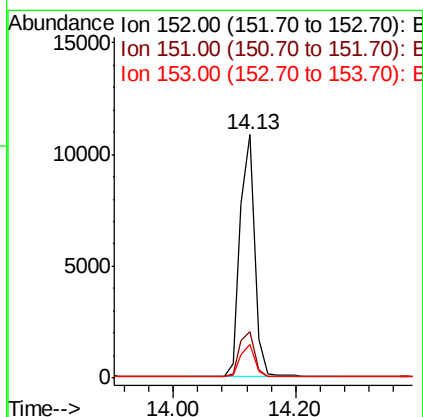
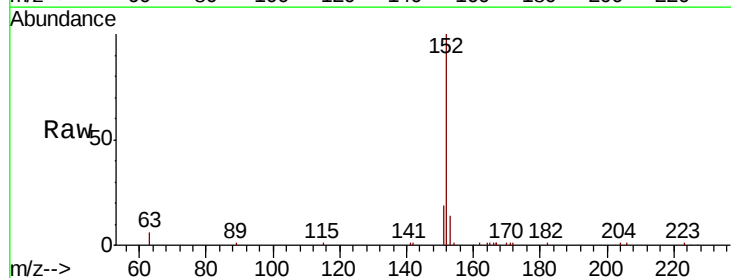
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

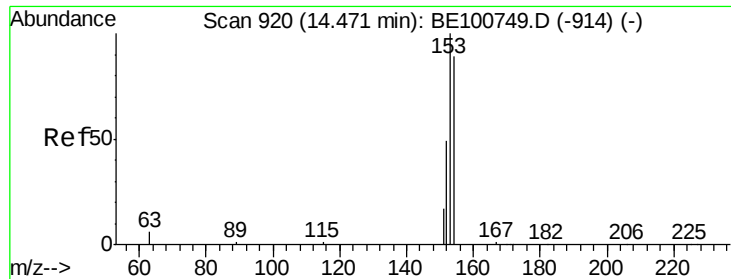
Tot Ion:172 Resp: 19517  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.8 41.6  
170 23.8 19.4 29.2



#16  
Acenaphthylene  
Concen: 0.353 ng  
RT: 14.13 min Scan# 896  
Delta R.T. 0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

Tgt Ion:152 Resp: 18512  
Ion Ratio Lower Upper  
152 100  
151 19.5 16.2 24.4  
153 13.1 10.6 15.8

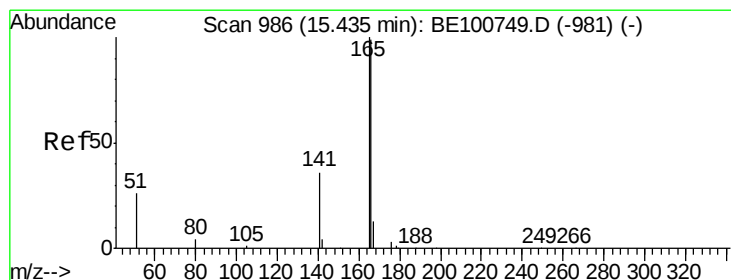
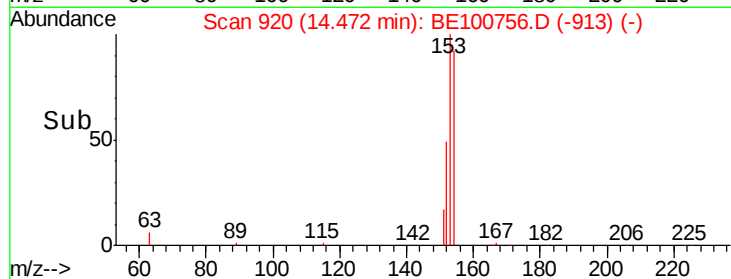
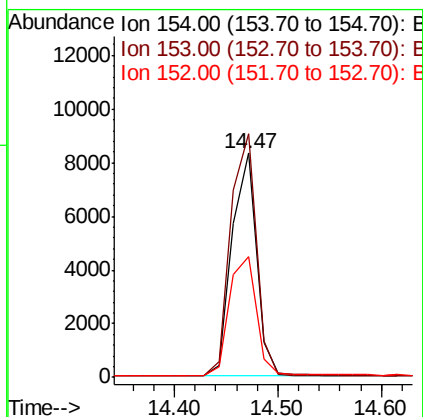
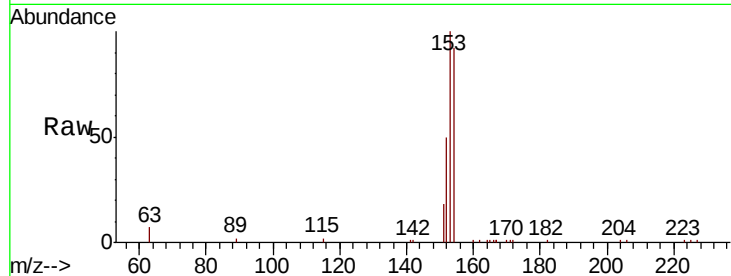




#17  
Acenaphthene  
Concen: 0.385 ng  
RT: 14.47 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

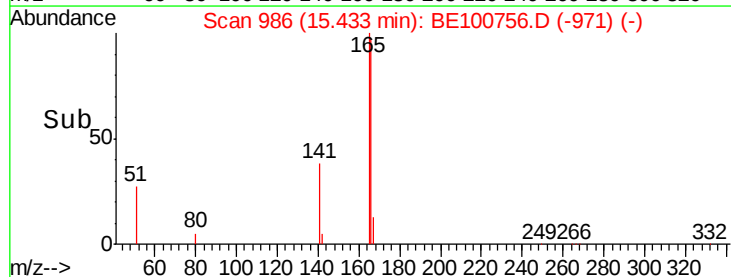
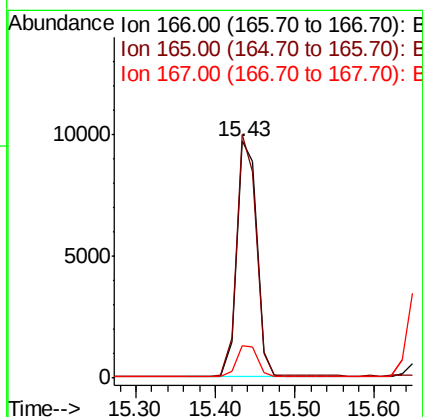
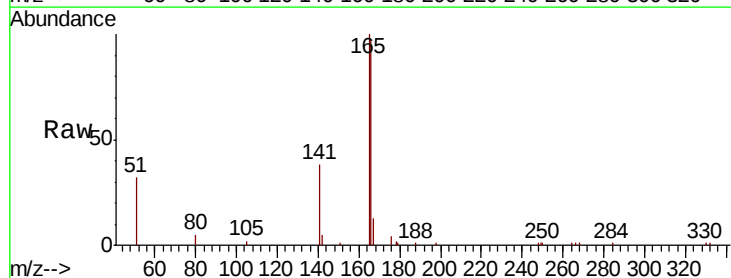
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

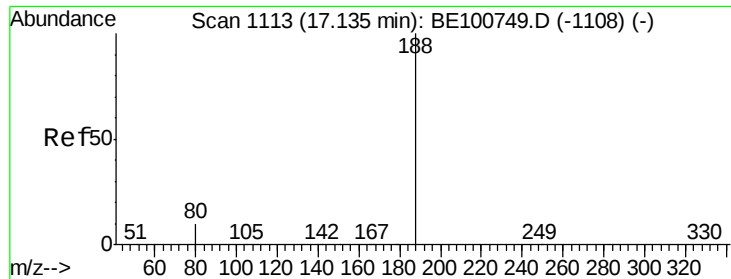
Tot Ion:154 Resp: 13542  
Ion Ratio Lower Upper  
154 100  
153 114.2 91.6 137.4  
152 59.2 47.0 70.6



#18  
Fluorene  
Concen: 0.377 ng  
RT: 15.43 min Scan# 986  
Delta R.T. -0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

Tgt Ion:166 Resp: 16917  
Ion Ratio Lower Upper  
166 100  
165 99.5 80.2 120.4  
167 13.6 11.0 16.4

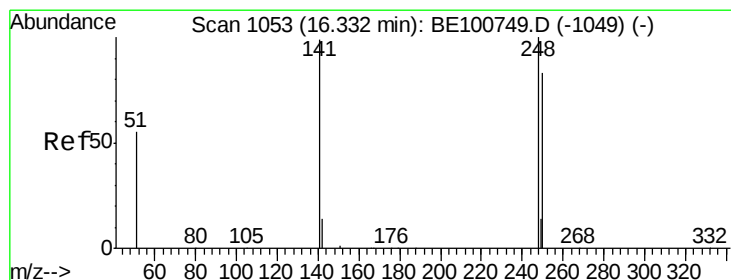
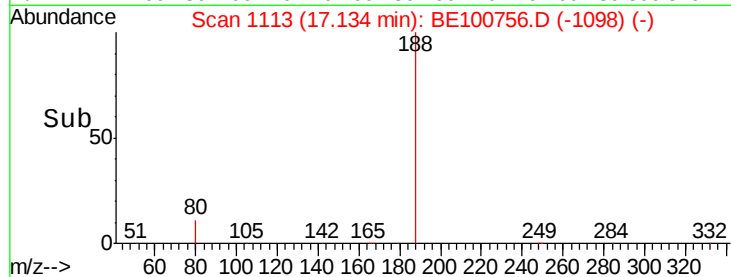
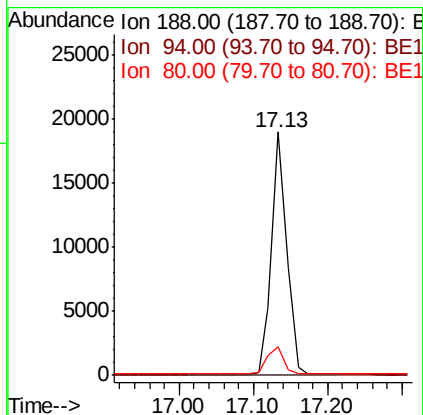
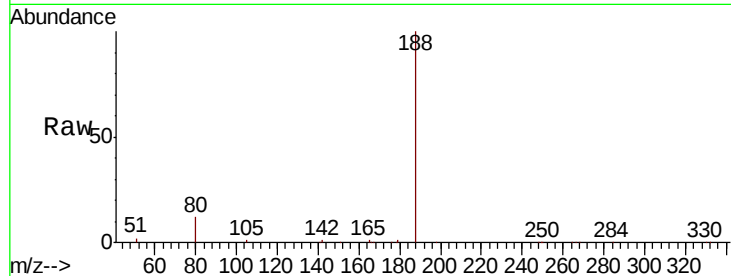




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.13 min Scan# 1113  
Delta R.T. -0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

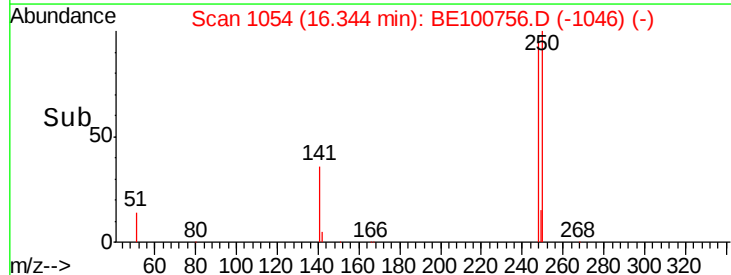
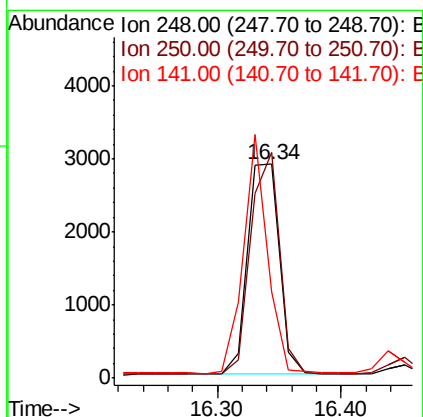
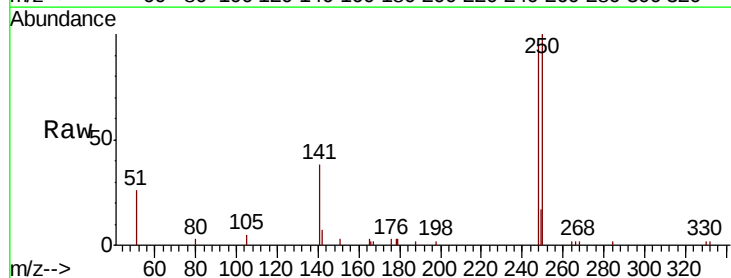
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

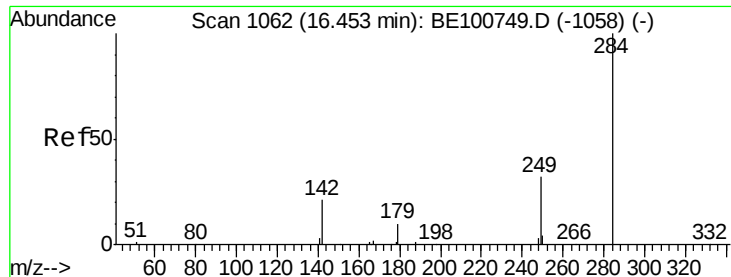
Tot Ion:188 Resp: 26871  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.6 8.2 12.2



#20  
4-Bromophenyl-phenylether  
Concen: 0.387 ng  
RT: 16.34 min Scan# 1054  
Delta R.T. 0.01 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

Tgt Ion:248 Resp: 5121  
Ion Ratio Lower Upper  
248 100  
250 105.5 66.3 99.5#  
141 40.2 79.6 119.4#





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

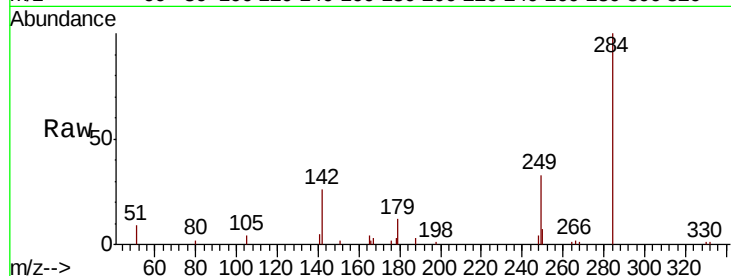
Tot Ion:284 Resp: 5519

Ion Ratio Lower Upper

284 100

142 44.6 34.9 52.3

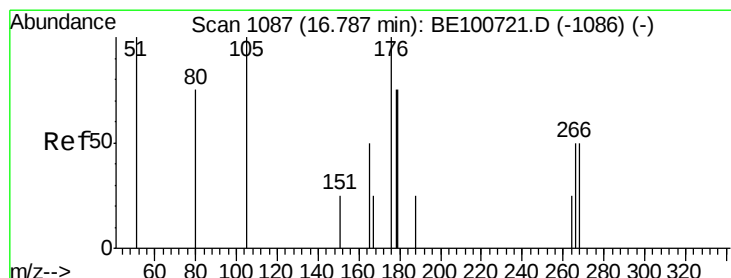
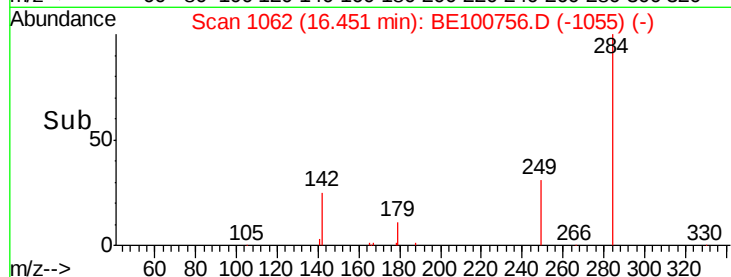
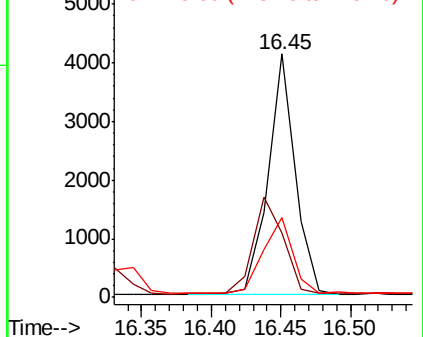
249 33.9 28.7 43.1



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: 0.473 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

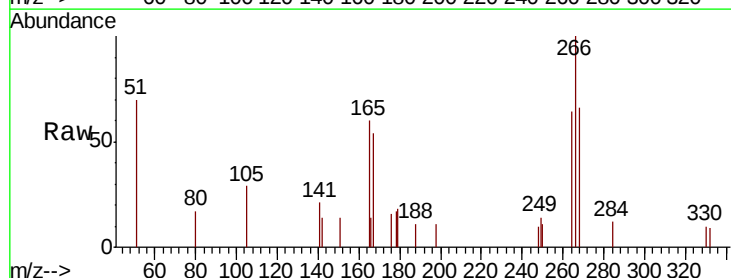
Tgt Ion:266 Resp: 885

Ion Ratio Lower Upper

266 100

264 64.0 54.6 82.0

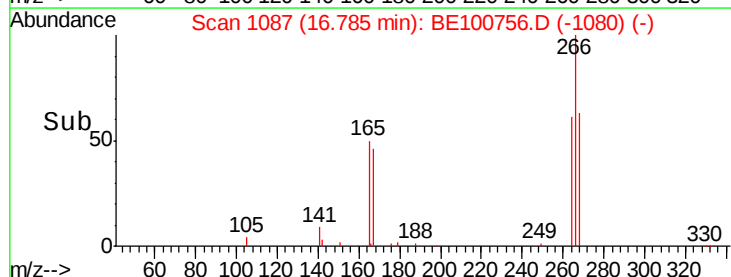
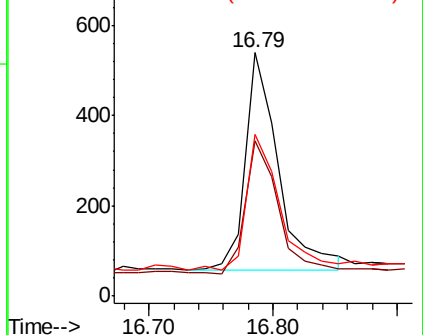
268 66.2 52.6 78.8

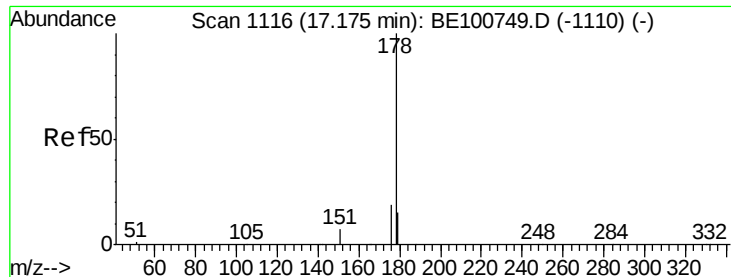


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

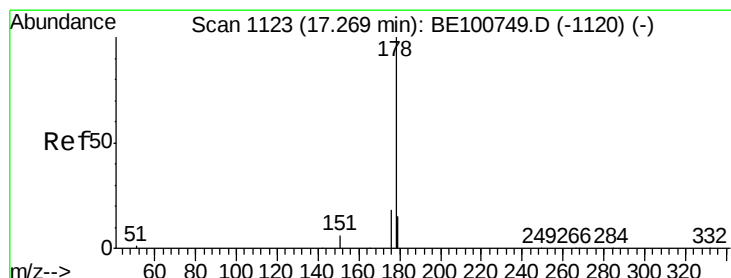
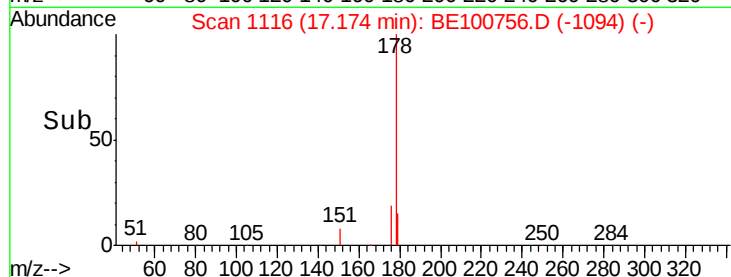
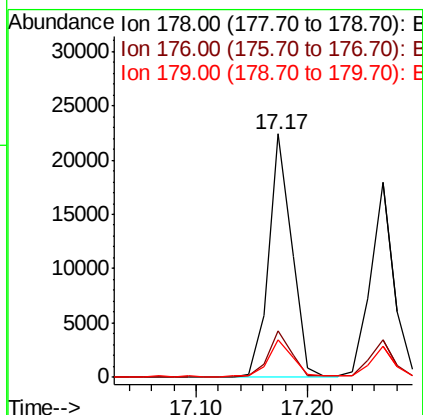
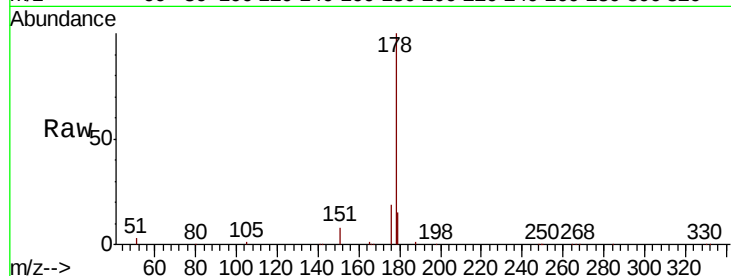




#23  
Phenanthrene  
Concen: 0.398 ng  
RT: 17.17 min Scan# 1116  
Delta R.T. -0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

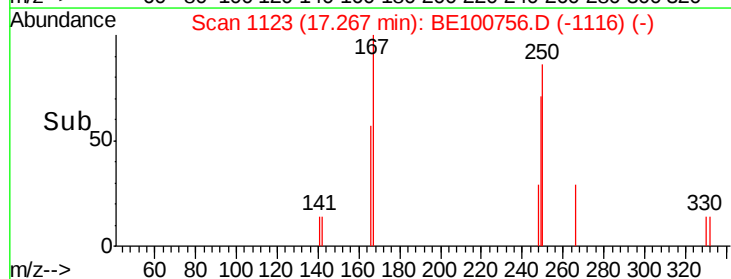
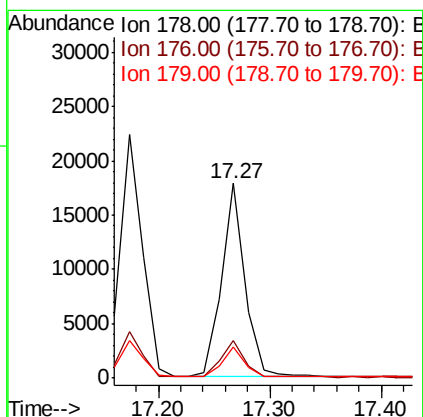
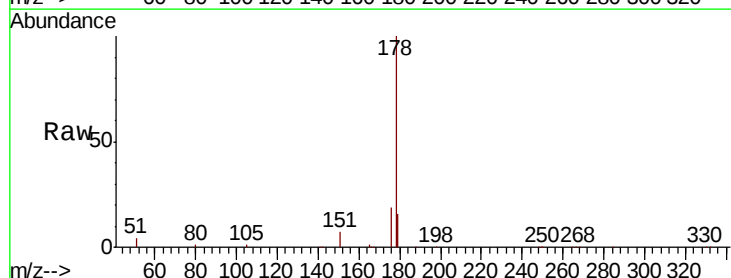
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

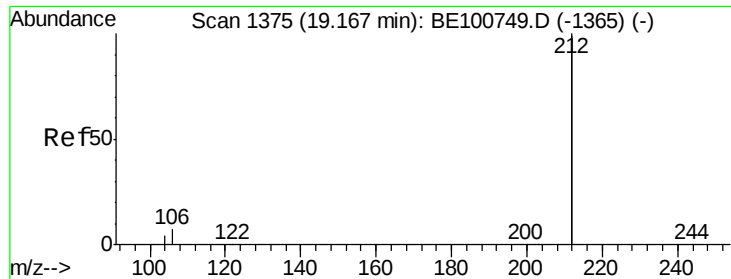
Tot Ion:178 Resp: 32195  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.3 22.9  
179 15.3 12.5 18.7



#24  
Anthracene  
Concen: 0.369 ng  
RT: 17.27 min Scan# 1123  
Delta R.T. -0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

Tgt Ion:178 Resp: 25727  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.9 22.3  
179 15.4 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

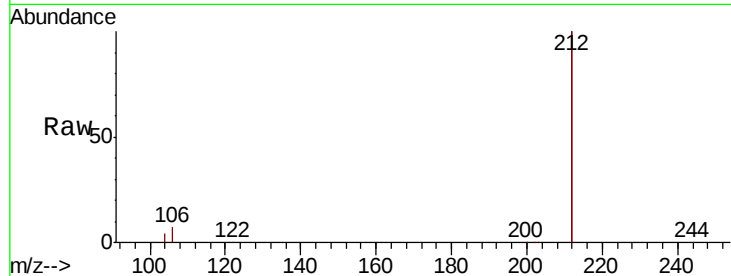
Tot Ion:212 Resp: 121606

Ion Ratio Lower Upper

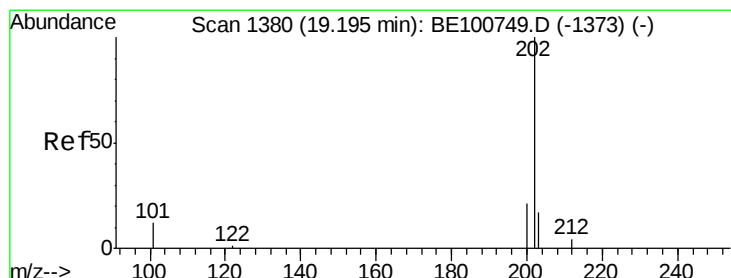
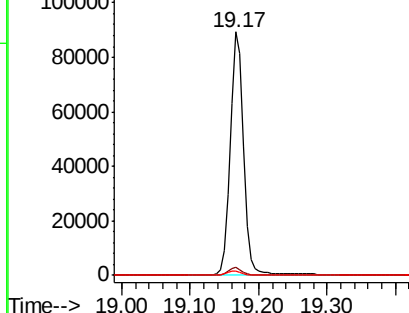
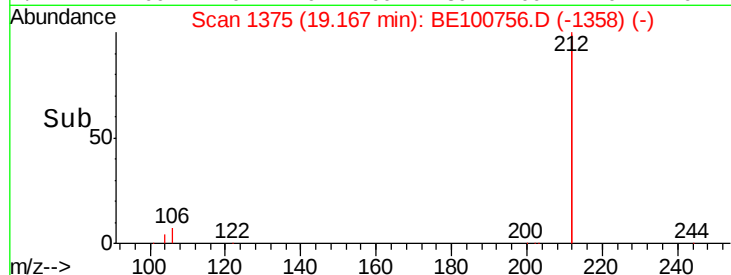
212 100

106 3.3 2.6 4.0

104 1.8 1.5 2.3



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: 0.372 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

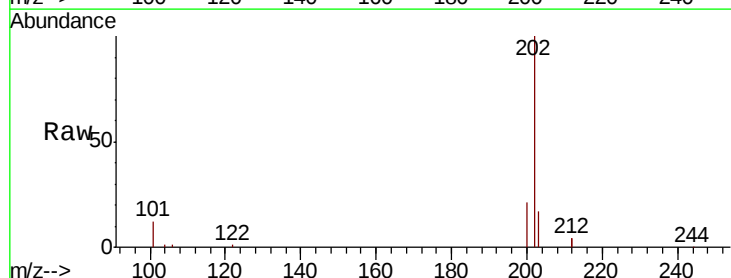
Tgt Ion:202 Resp: 36821

Ion Ratio Lower Upper

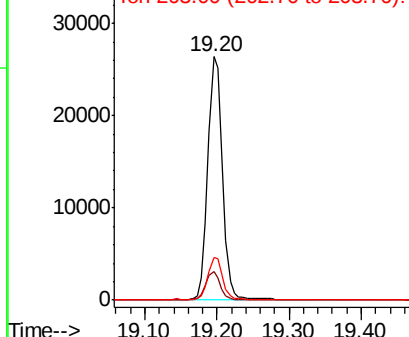
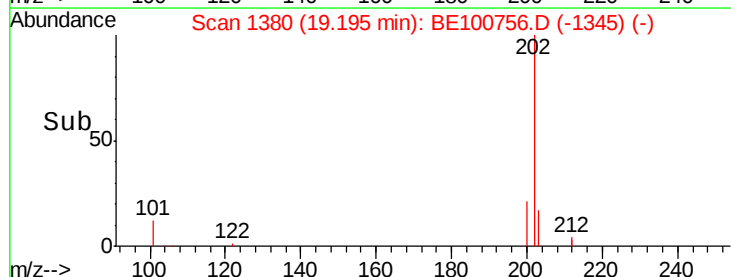
202 100

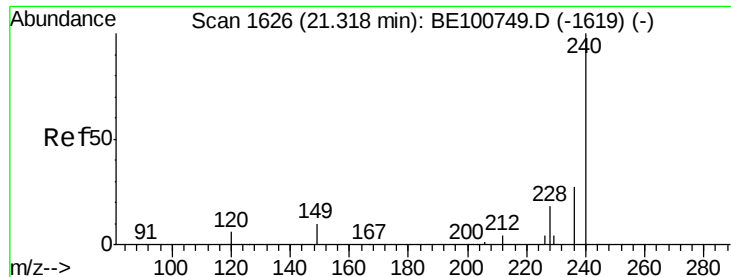
101 11.6 9.2 13.8

203 17.1 13.8 20.8



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

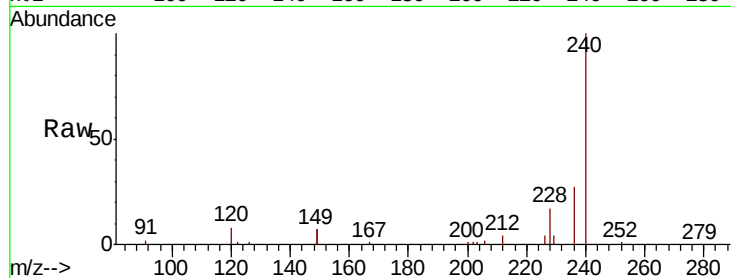




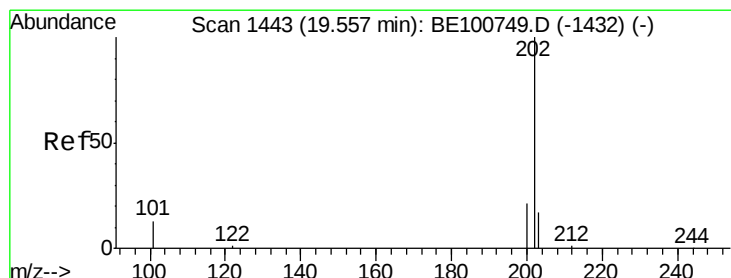
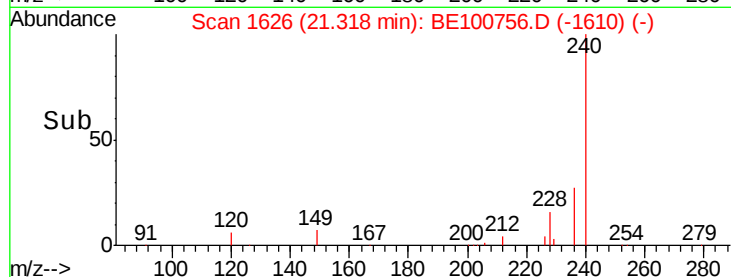
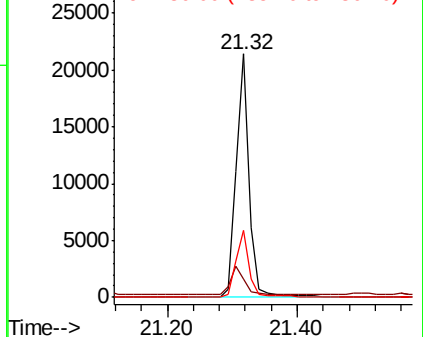
#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.32 min Scan# 1626  
Delta R.T. -0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:240 Resp: 29492  
Ion Ratio Lower Upper  
240 100  
120 7.5 5.8 8.8  
236 27.4 21.9 32.9

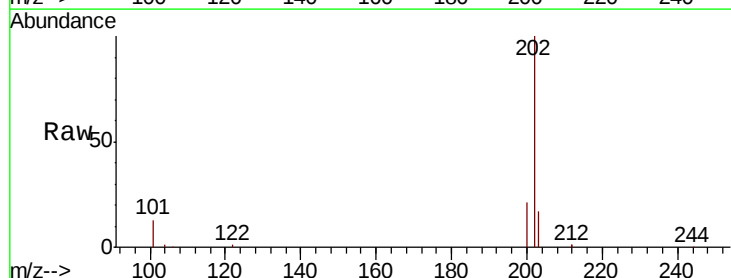


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

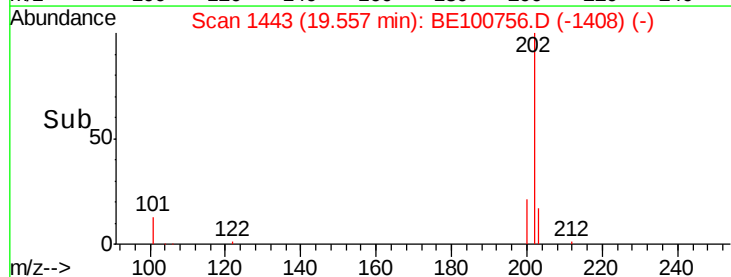
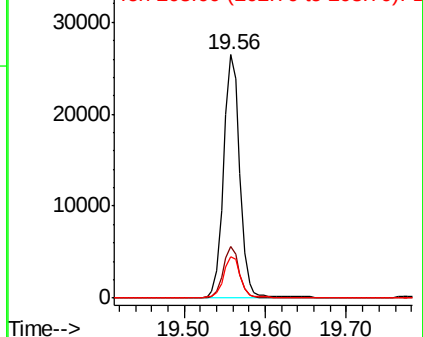


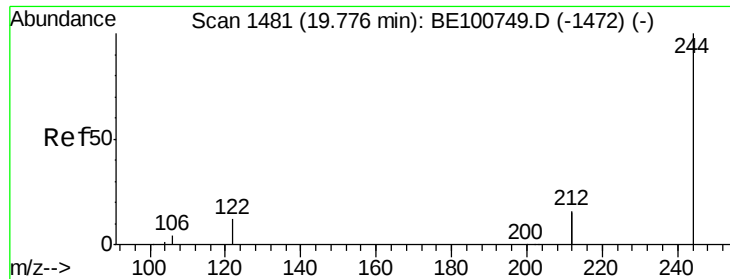
#28  
Pyrene  
Concen: 0.397 ng  
RT: 19.56 min Scan# 1443  
Delta R.T. -0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

Tgt Ion:202 Resp: 36274  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.6 24.8  
203 17.3 14.0 21.0



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: 0.399 ng

RT: 19.78 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

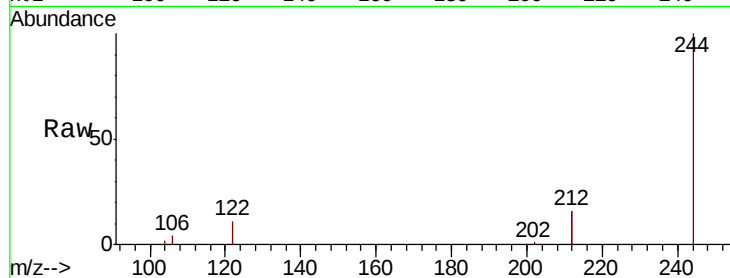
Tot Ion:244 Resp: 27071

Ion Ratio Lower Upper

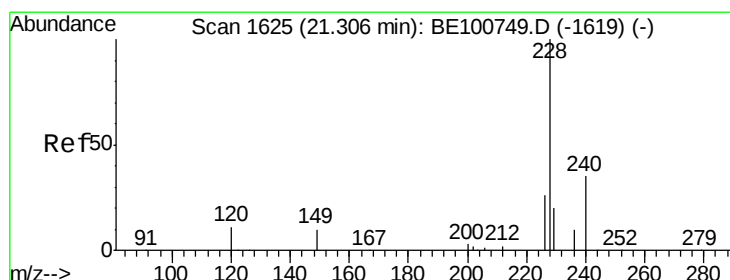
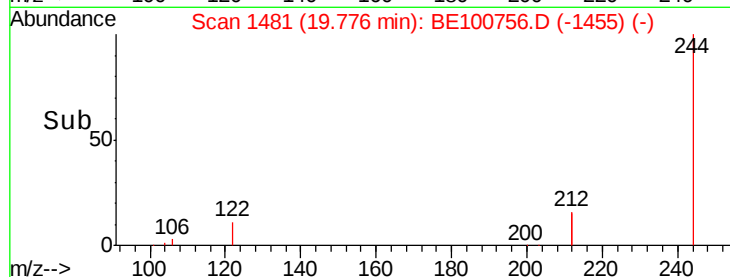
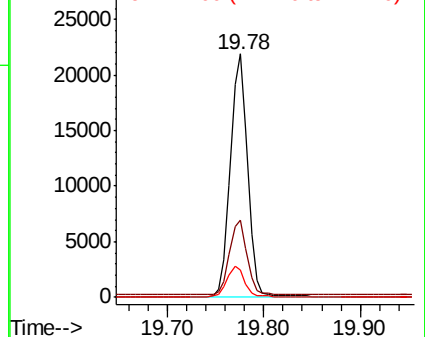
244 100

212 31.6 25.2 37.8

122 11.2 9.8 14.6



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: 0.379 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

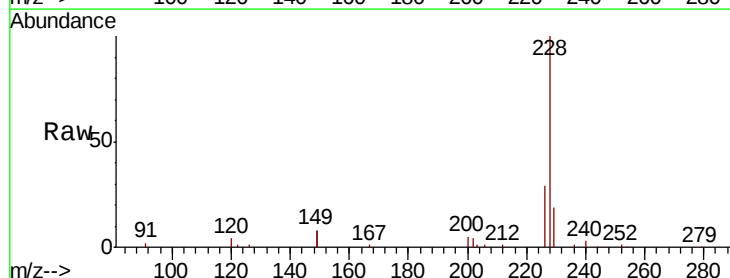
Tgt Ion:228 Resp: 37673

Ion Ratio Lower Upper

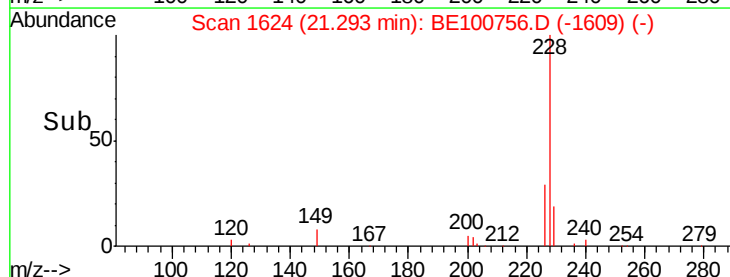
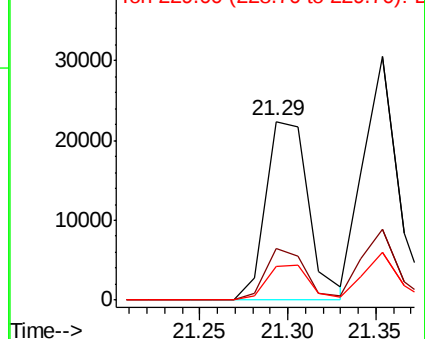
228 100

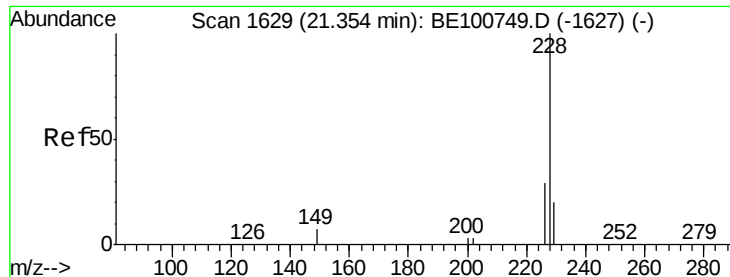
226 28.8 20.7 31.1

229 18.8 16.2 24.2



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: 0.400 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

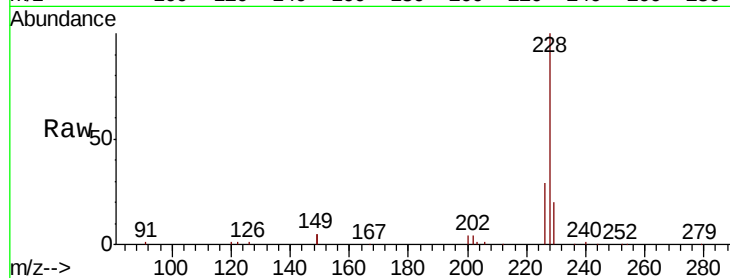
Tot Ion:228 Resp: 40497

Ion Ratio Lower Upper

228 100

226 29.1 23.8 35.6

229 19.6 15.9 23.9

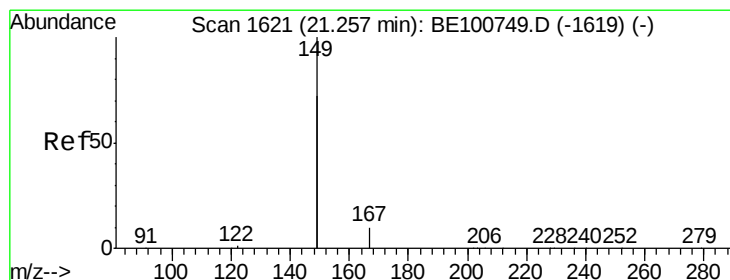
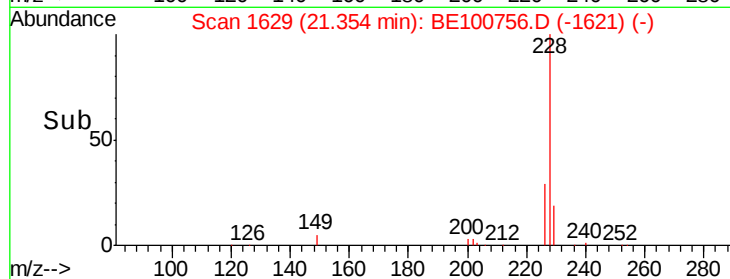
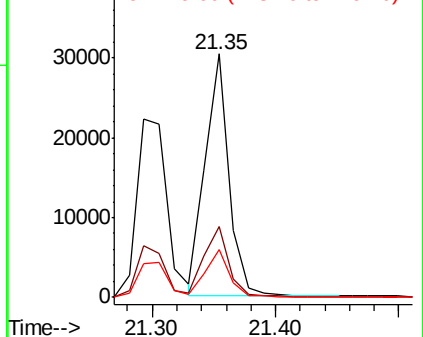


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.244 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

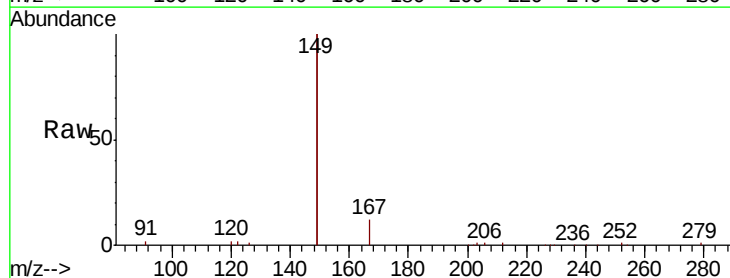
Tgt Ion:149 Resp: 35984

Ion Ratio Lower Upper

149 100

167 6.6 5.5 8.3

279 0.8 0.7 1.1

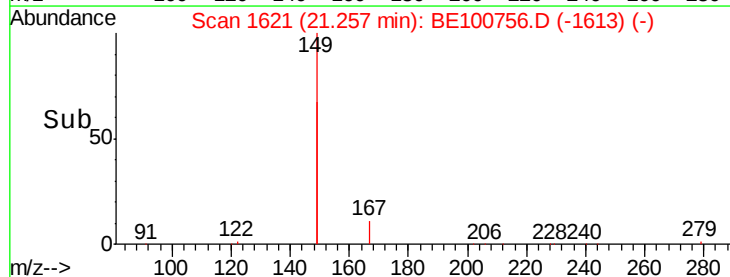
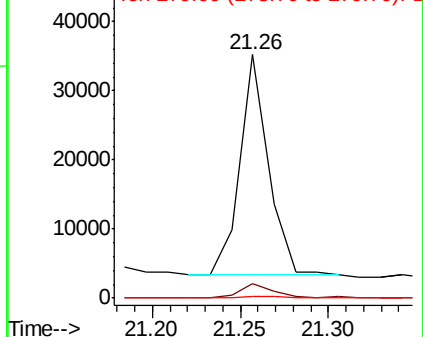


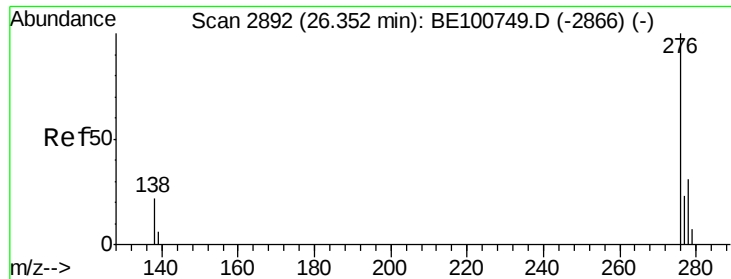
Abundance

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

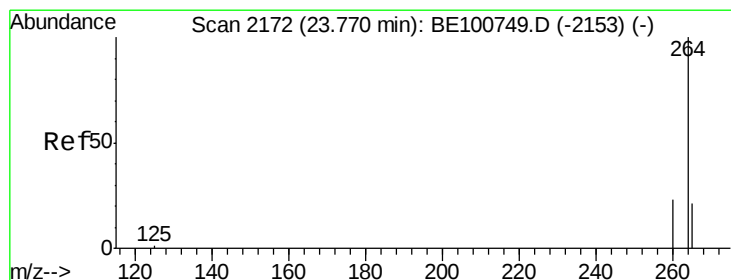
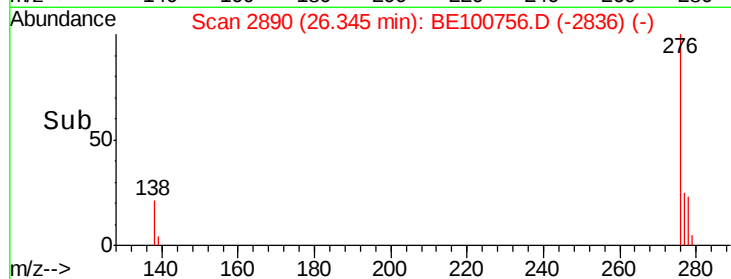
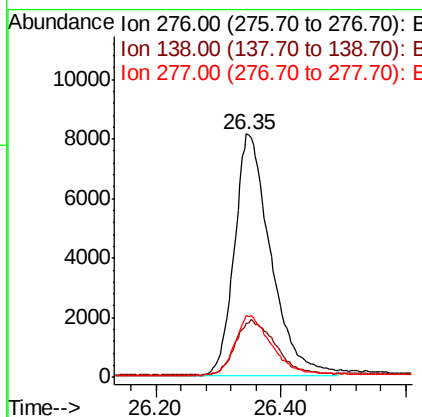
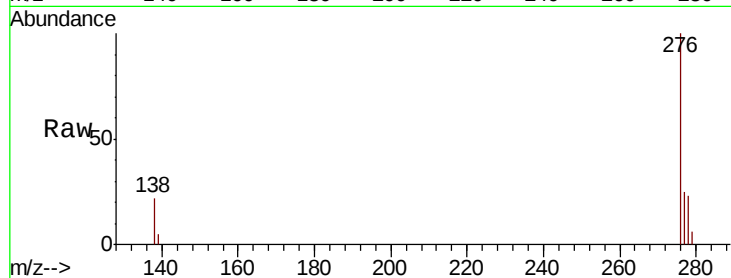




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.355 ng  
 RT: 26.35 min Scan# 2890  
 Delta R.T. -0.01 min  
 Lab File: BE100756.D  
 Acq: 22 Nov 2019 13:14

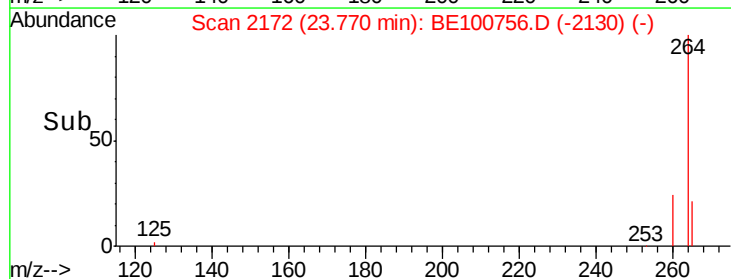
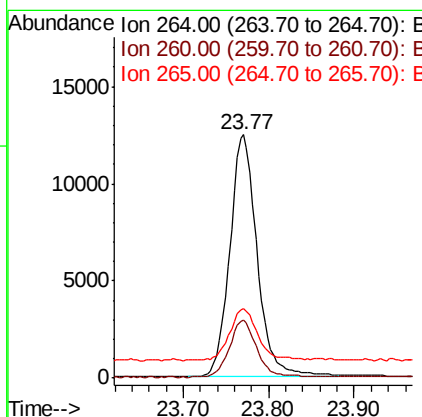
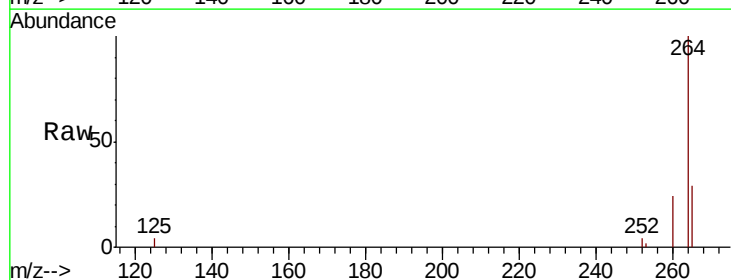
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

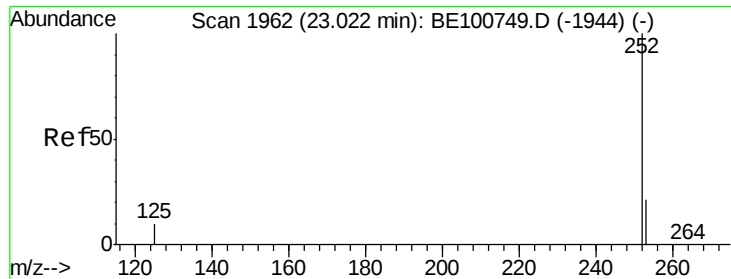
Tot Ion:276 Resp: 32823  
 Ion Ratio Lower Upper  
 276 100  
 138 25.3 19.8 29.6  
 277 24.9 19.7 29.5



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.77 min Scan# 2172  
 Delta R.T. 0.00 min  
 Lab File: BE100756.D  
 Acq: 22 Nov 2019 13:14

Tgt Ion:264 Resp: 27870  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.7 28.1  
 265 28.6 22.4 33.6

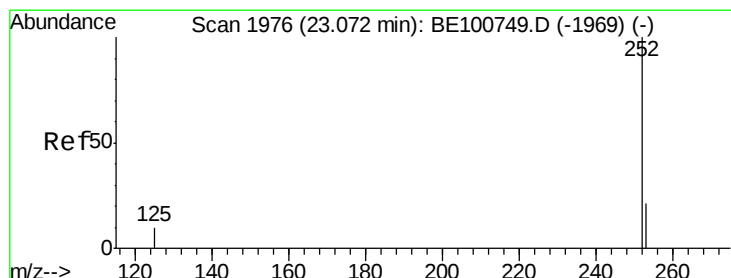
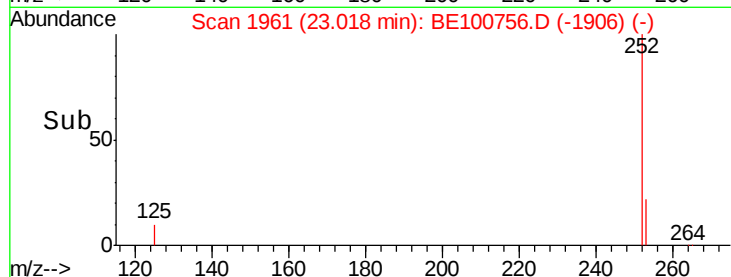
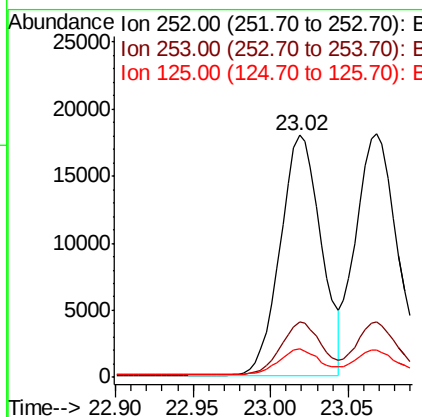
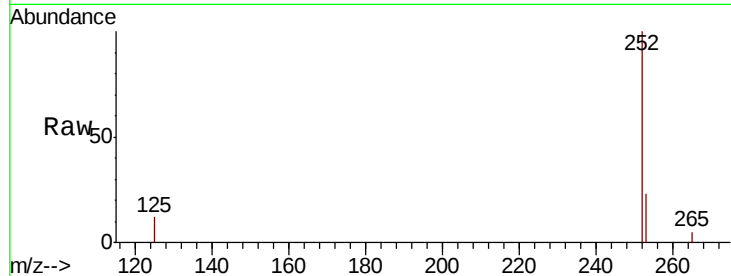




#35  
Benzo(b)fluoranthene  
Concen: 0.376 ng  
RT: 23.02 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

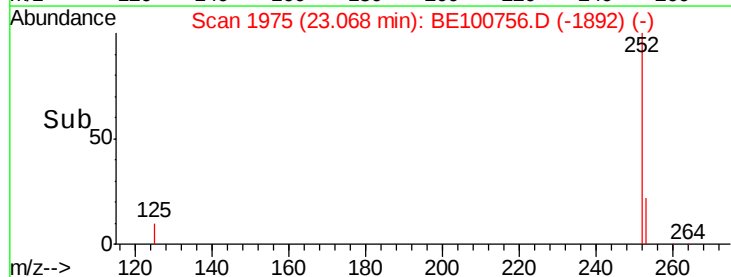
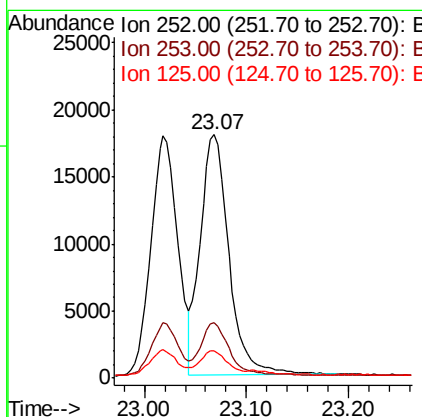
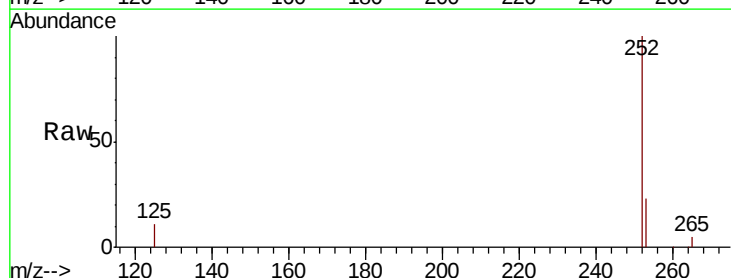
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

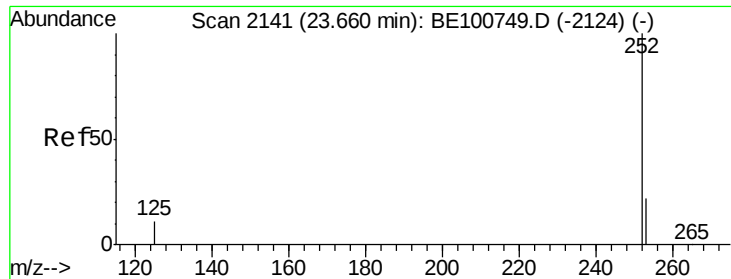
Tot Ion:252 Resp: 32887  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.5 26.3  
125 11.7 9.1 13.7



#36  
Benzo(k)fluoranthene  
Concen: 0.385 ng  
RT: 23.07 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: BE100756.D  
Acq: 22 Nov 2019 13:14

Tgt Ion:252 Resp: 35108  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.6  
125 11.4 9.0 13.4





#37

Benzo(a)pyrene

Concen: 0.356 ng

RT: 23.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

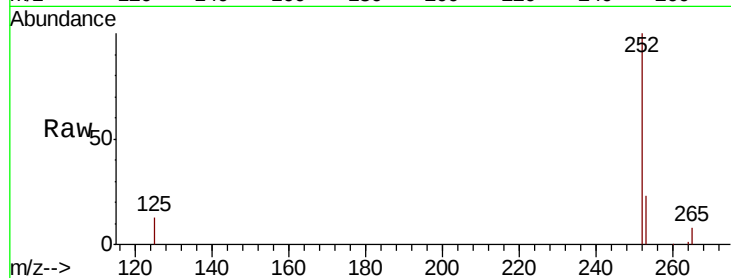
Tot Ion:252 Resp: 27459

Ion Ratio Lower Upper

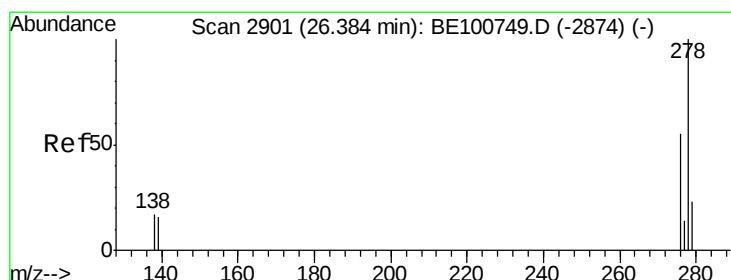
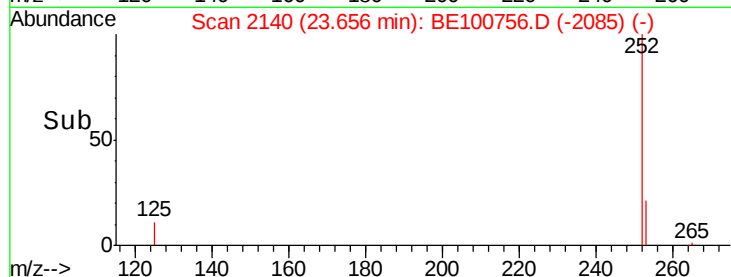
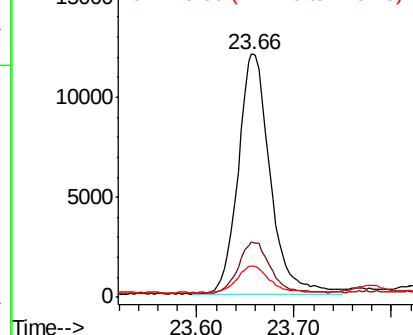
252 100

253 22.7 18.3 27.5

125 12.8 10.5 15.7



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: 0.336 ng

RT: 26.38 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

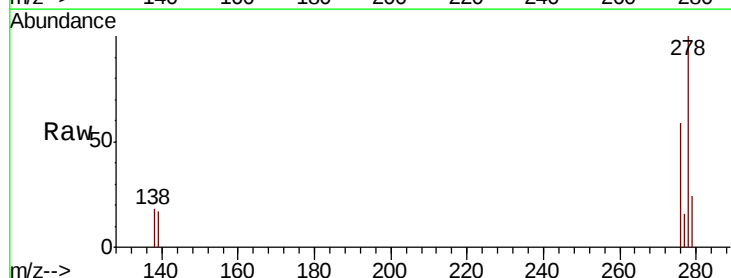
Tgt Ion:278 Resp: 27221

Ion Ratio Lower Upper

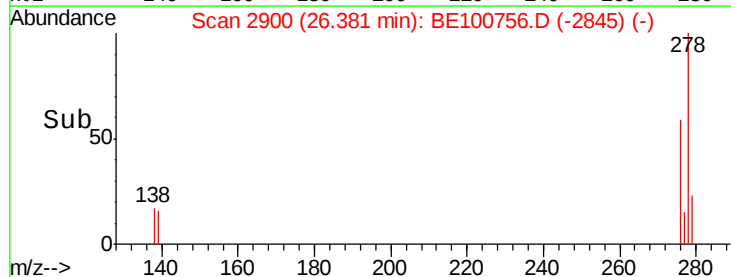
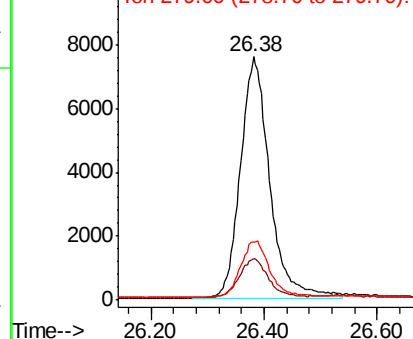
278 100

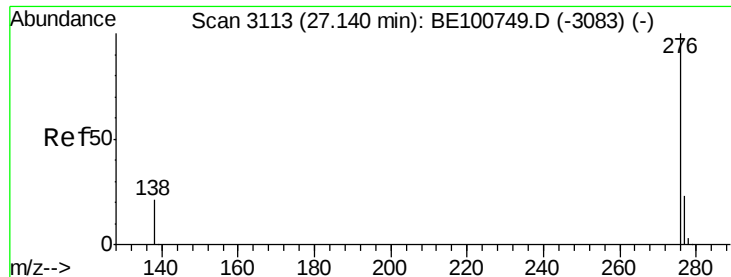
139 17.2 13.2 19.8

279 24.0 19.4 29.2



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: 0.384 ng

RT: 27.14 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BE100756.D

Acq: 22 Nov 2019 13:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

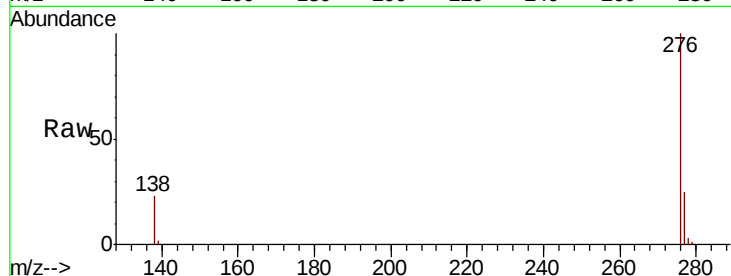
Tot Ion: 276 Resp: 29551

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 22.7 17.8 26.8



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

