

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\  
 Data File : BE100967.D  
 Acq On : 24 Dec 2019 10:26  
 Operator : JU  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DFTPP

Quant Time: Dec 24 11:27:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 24 11:19:44 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 2225     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.52 | 136  | 11167    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.38 | 164  | 7016     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.12 | 188  | 16256    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.29 | 240  | 15320    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.73 | 264  | 18824    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.36  | 112 | 1148  | 0.29 | ng | 0.00 |
| 5) Phenol-d6                | 6.99  | 99  | 1359  | 0.28 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.91  | 82  | 1886  | 0.32 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.12 | 152 | 6750  | 0.40 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.88 | 330 | 494   | 0.29 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.02 | 172 | 10147 | 0.41 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.14 | 212 | 73487 | 0.36 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.76 | 244 | 13861 | 0.40 | ng | 0.00 |

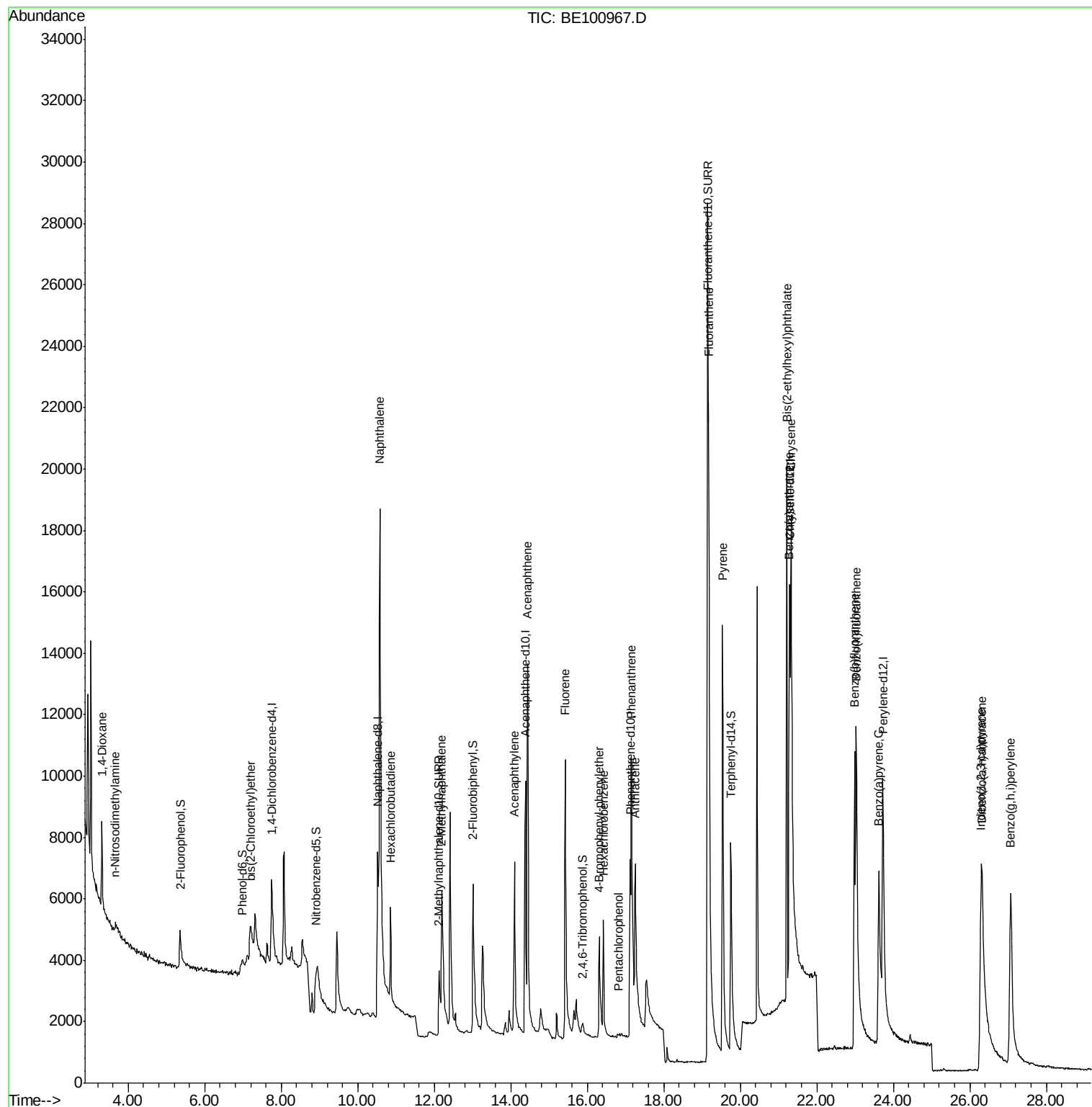
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.31  | 88  | 2786  | 0.329  | ng | 100   |
| 3) n-Nitrosodimethylamine      | 3.67  | 42  | 457   | 0.188  | ng | # 100 |
| 6) bis(2-Chloroethyl)ether     | 7.19  | 93  | 1898  | 0.334  | ng | 91    |
| 9) Naphthalene                 | 10.58 | 128 | 47821 | 0.396  | ng | 100   |
| 10) Hexachlorobutadiene        | 10.86 | 225 | 2151  | 0.417  | ng | 100   |
| 12) 2-Methylnaphthalene        | 12.19 | 142 | 6353  | 0.374  | ng | 100   |
| 16) Acenaphthylene             | 14.10 | 152 | 9744  | 0.337  | ng | 100   |
| 17) Acenaphthene               | 14.44 | 154 | 7695  | 0.391  | ng | 100   |
| 18) Fluorene                   | 15.42 | 166 | 9209  | 0.370  | ng | 100   |
| 20) 4-Bromophenyl-phenylether  | 16.32 | 248 | 2516  | 0.348  | ng | 100   |
| 21) Hexachlorobenzene          | 16.43 | 284 | 3251  | 0.394  | ng | 100   |
| 22) Pentachlorophenol          | 16.83 | 266 | 183   | 0.150  | ng | 100   |
| 23) Phenanthrene               | 17.16 | 178 | 14952 | 0.353  | ng | 100   |
| 24) Anthracene                 | 17.26 | 178 | 9177  | 0.322  | ng | 100   |
| 26) Fluoranthene               | 19.18 | 202 | 20645 | 0.351  | ng | 100   |
| 28) Pyrene                     | 19.53 | 202 | 21851 | 0.399  | ng | 100   |
| 30) Benzo(a)anthracene         | 21.28 | 228 | 13051 | 0.325  | ng | 100   |
| 31) Chrysene                   | 21.33 | 228 | 19366 | 0.383  | ng | 100   |
| 32) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 26075 | 0.206  | ng | 100   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.29 | 276 | 20085 | 0.379  | ng | 100   |
| 35) Benzo(b)fluoranthene       | 22.99 | 252 | 15518 | 0.372  | ng | 100   |
| 36) Benzo(k)fluoranthene       | 23.03 | 252 | 26654 | 0.478  | ng | 100   |
| 37) Benzo(a)pyrene             | 23.62 | 252 | 18078 | 0.380  | ng | 100   |
| 38) Dibenzo(a,h)anthracene     | 26.32 | 278 | 13852 | 0.346  | ng | 100   |
| 39) Benzo(g,h,i)perylene       | 27.07 | 276 | 19707 | 0.398  | ng | 100   |

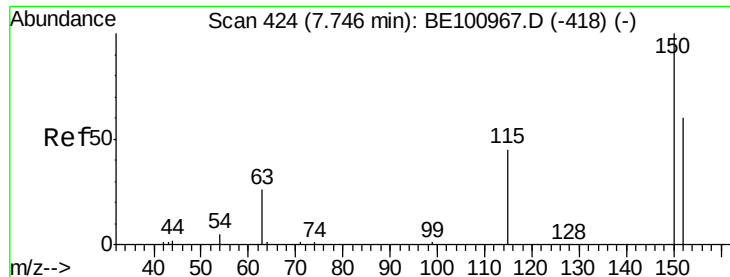
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\  
Data File : BE100967.D  
Acq On : 24 Dec 2019 10:26  
Operator : JU  
Sample : SSTDICCC0.4  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
DFTPP

Quant Time: Dec 24 11:27:50 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 24 11:19:44 2019  
Response via : Initial Calibration



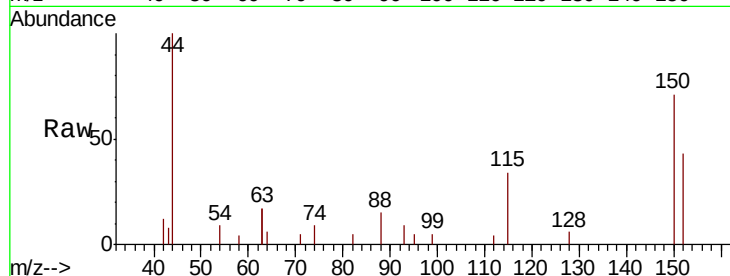


#1

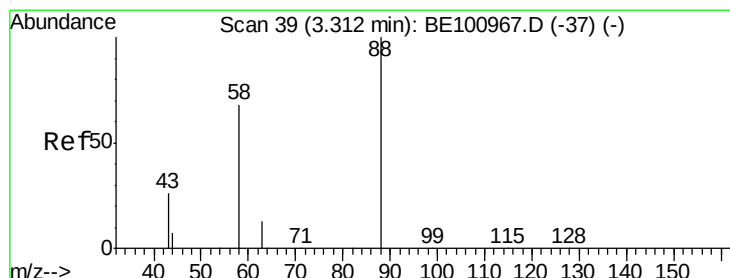
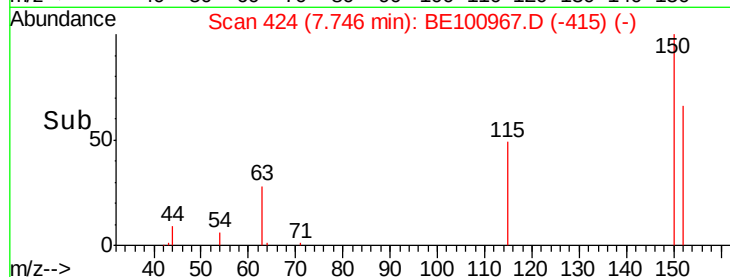
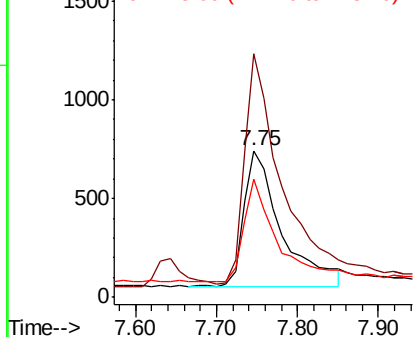
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.75 min Scan# 424  
Delta R.T. 0.00 min  
Lab File: BE100967.D  
Acq: 24 Dec 2019 10:26

Instrument :  
BNA\_E  
ClientSampleId :  
DFTPP

Tot Ion:152 Resp: 2225  
Ion Ratio Lower Upper  
152 100  
150 165.8 132.6 199.0  
115 80.1 64.1 96.1



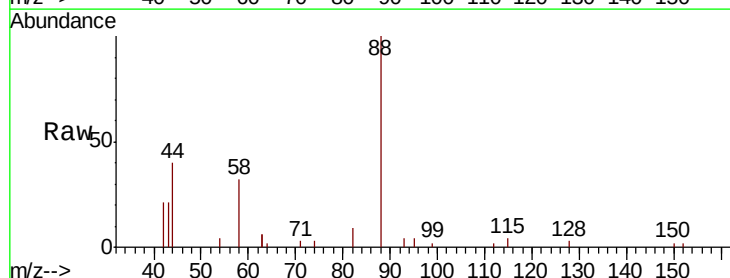
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



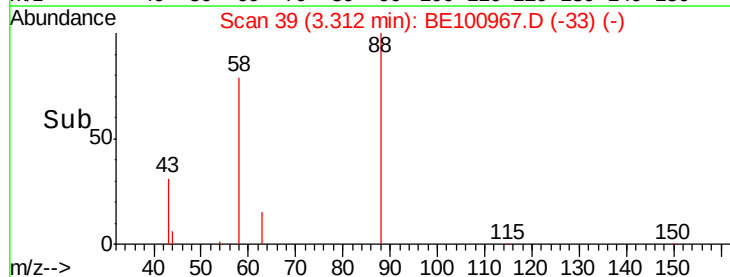
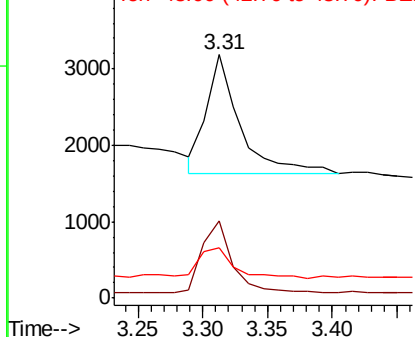
#2

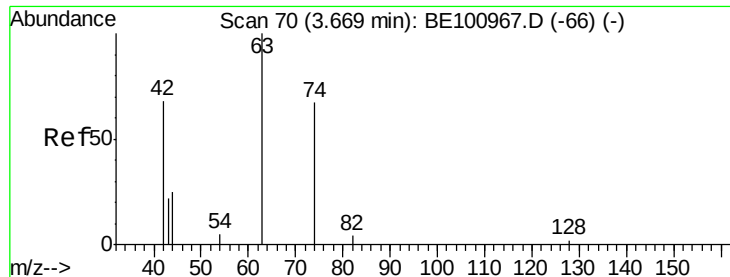
1,4-Dioxane  
Concen: 0.329 ng  
RT: 3.31 min Scan# 39  
Delta R.T. 0.00 min  
Lab File: BE100967.D  
Acq: 24 Dec 2019 10:26

Tgt Ion: 88 Resp: 2786  
Ion Ratio Lower Upper  
88 100  
58 55.3 44.2 66.4  
43 26.3 21.0 31.6



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: 0.188 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

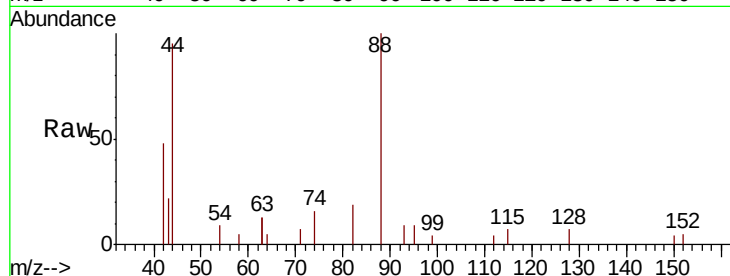
Tot Ion: 42 Resp: 457

Ion Ratio Lower Upper

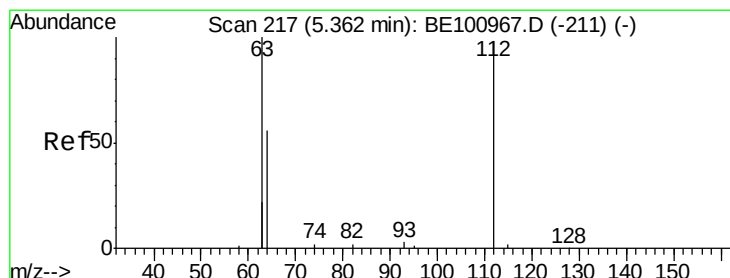
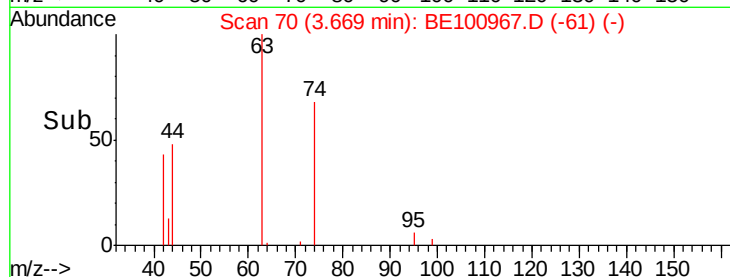
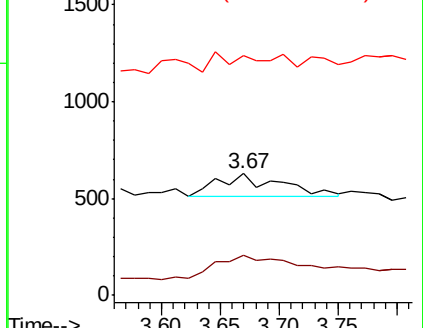
42 100

74 145.7 116.6 174.8

44 0.0 0.0 0.0



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: 0.289 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

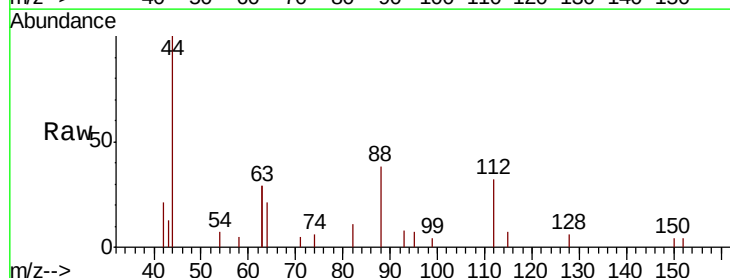
Tgt Ion: 112 Resp: 1148

Ion Ratio Lower Upper

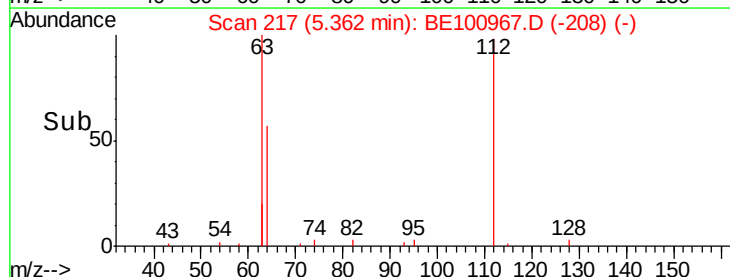
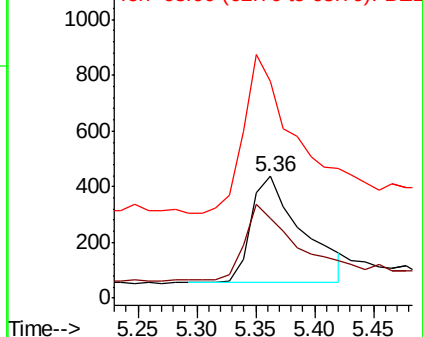
112 100

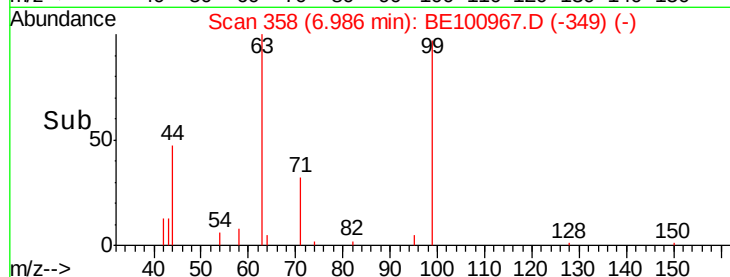
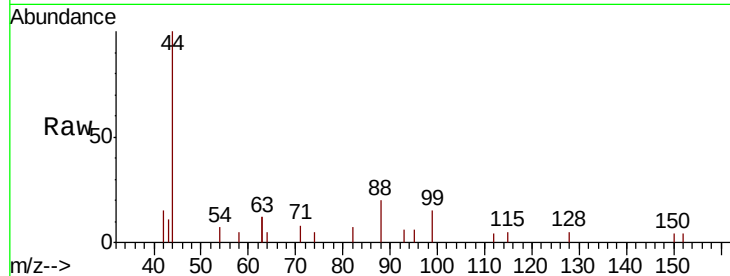
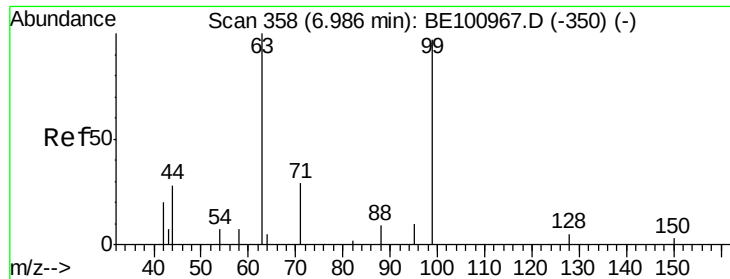
64 71.6 59.0 88.6

63 151.7 121.4 182.0



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





#5

Phenol-d6

Concen: 0.281 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

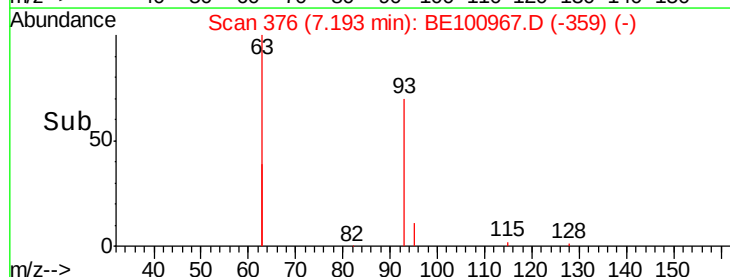
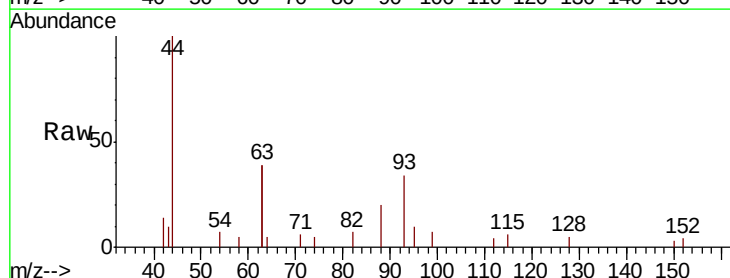
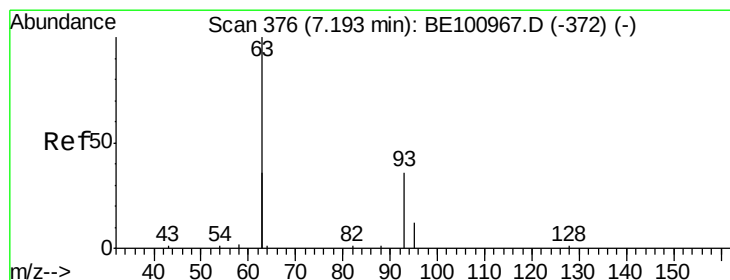
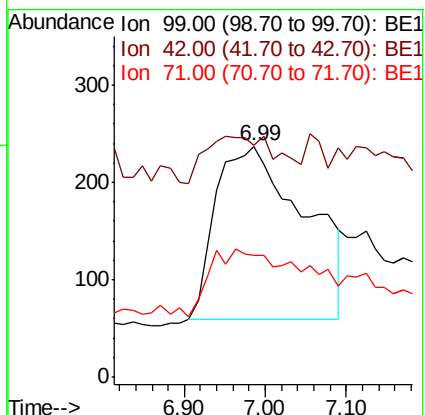
Tot Ion: 99 Resp: 1359

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



#6

bis(2-Chloroethyl)ether

Concen: 0.334 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

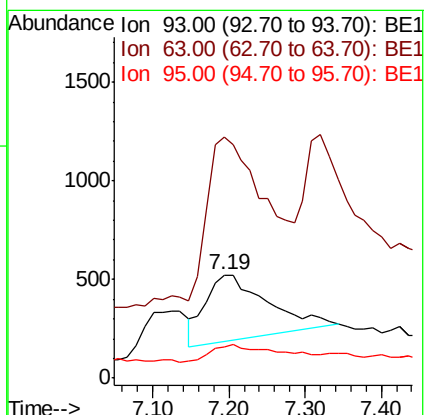
Tgt Ion: 93 Resp: 1898

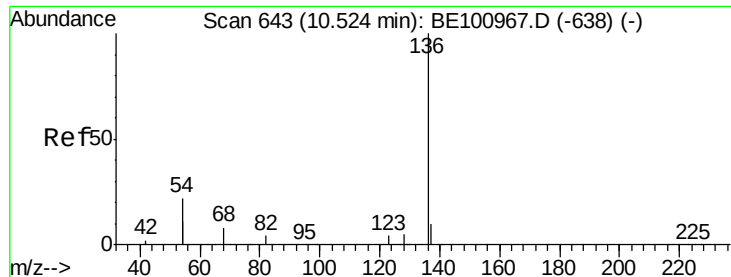
Ion Ratio Lower Upper

93 100

63 267.3 228.3 342.5

95 30.3 25.9 38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 11167

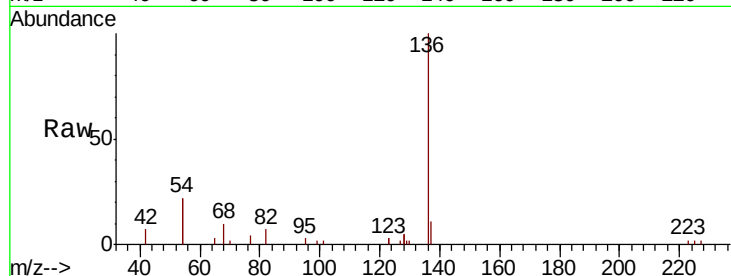
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 43.0 34.4 51.6

68 9.7 7.8 11.6

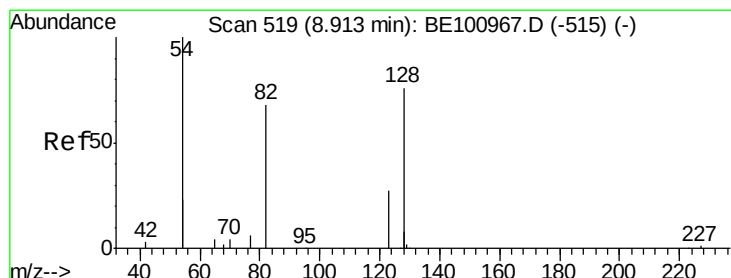
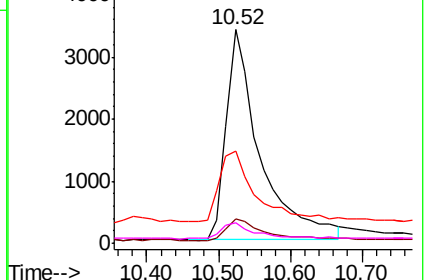
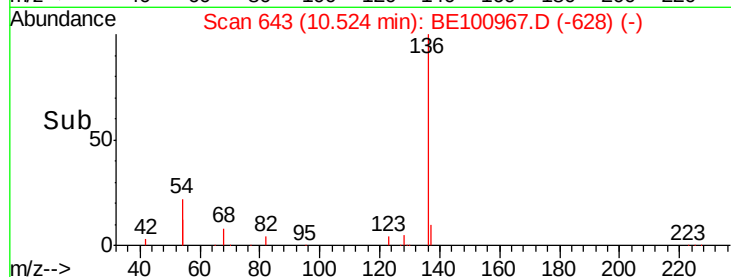


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.319 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

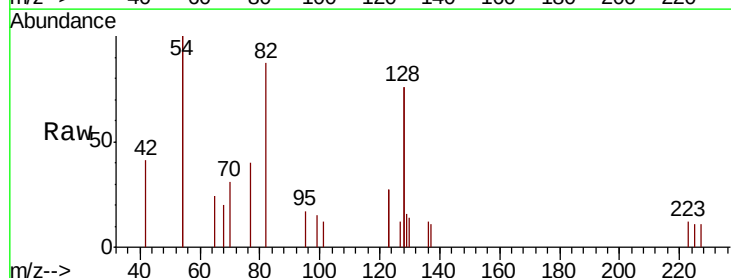
Tgt Ion: 82 Resp: 1886

Ion Ratio Lower Upper

82 100

128 175.2 140.2 210.2

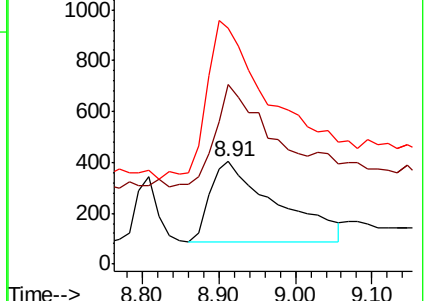
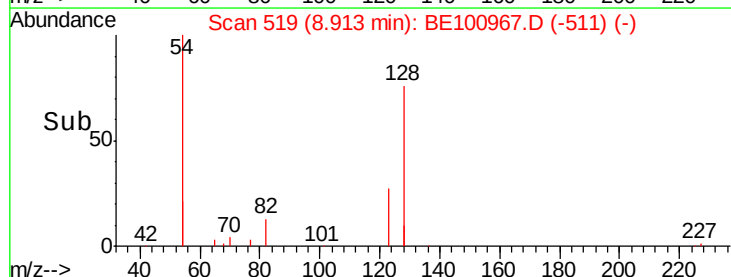
54 229.7 183.8 275.6

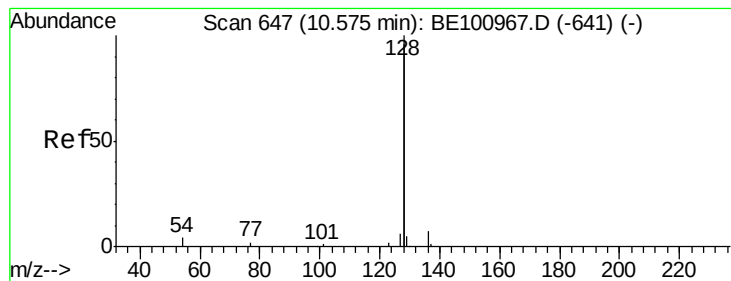


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.396 ng

RT: 10.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

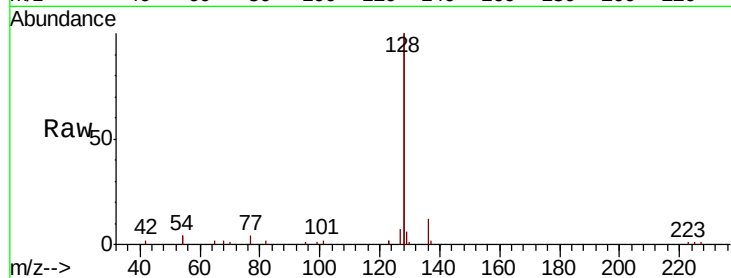
Tot Ion:128 Resp: 47821

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

127 3.5 2.8 4.2

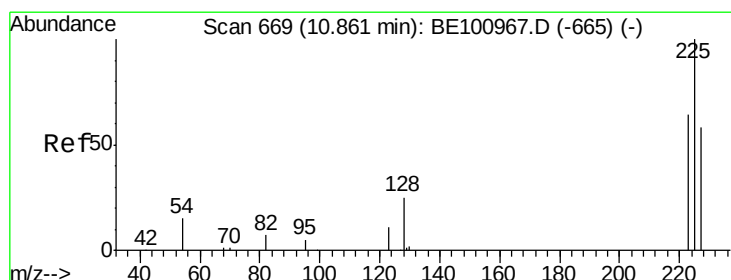
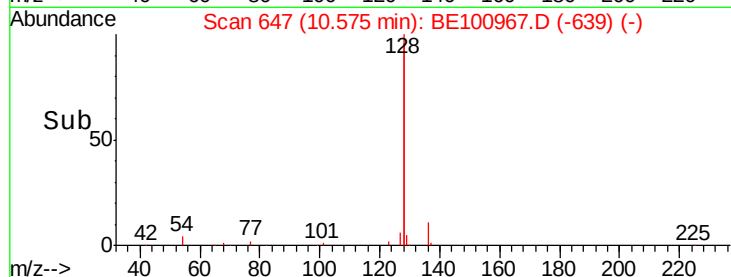
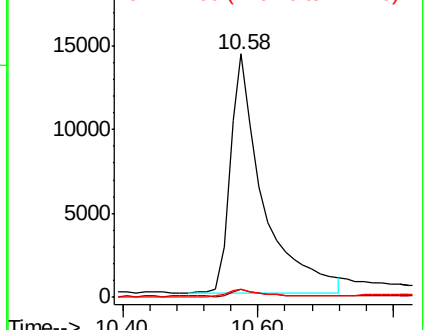


Abundance

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: 0.417 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

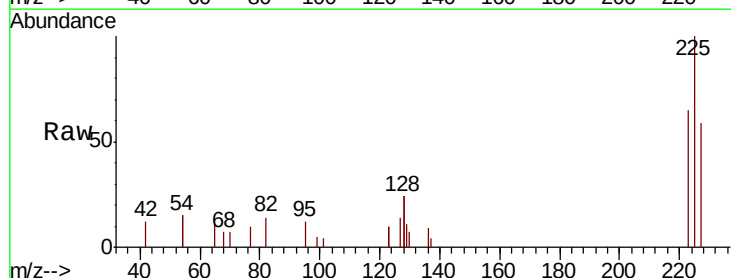
Tgt Ion:225 Resp: 2151

Ion Ratio Lower Upper

225 100

223 64.2 51.4 77.0

227 62.7 50.2 75.2

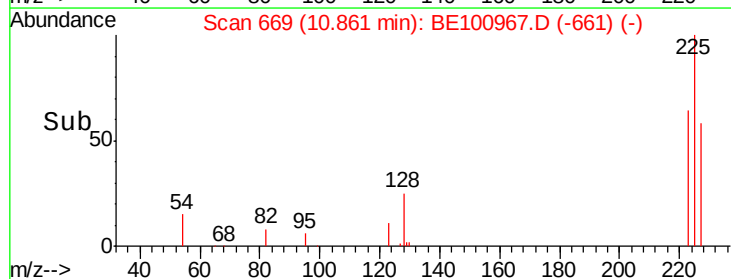
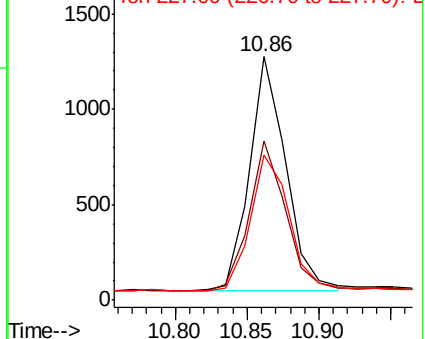


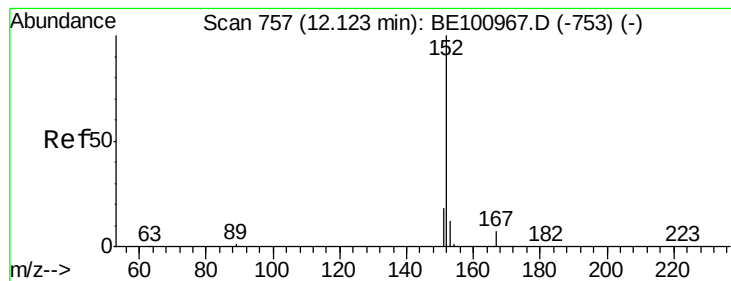
Abundance

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

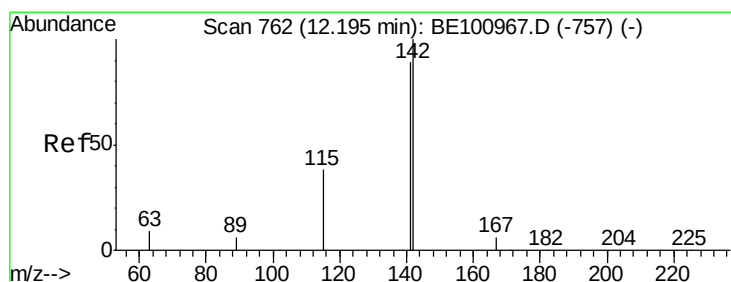
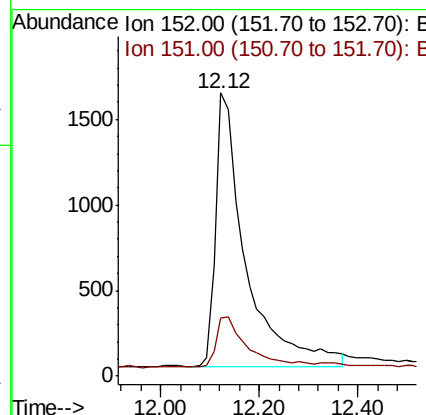
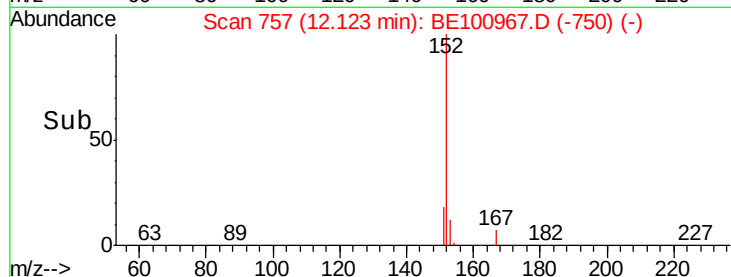
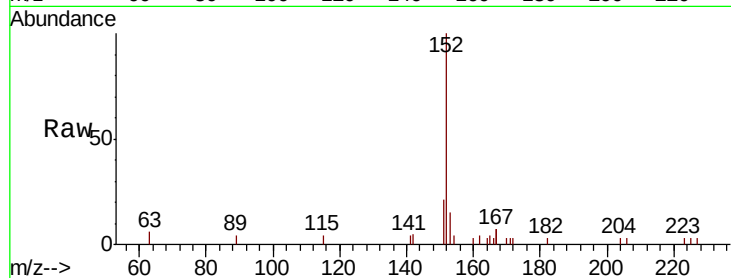




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.402 ng  
 RT: 12.12 min Scan# 757  
 Delta R.T. 0.00 min  
 Lab File: BE100967.D  
 Acq: 24 Dec 2019 10:26

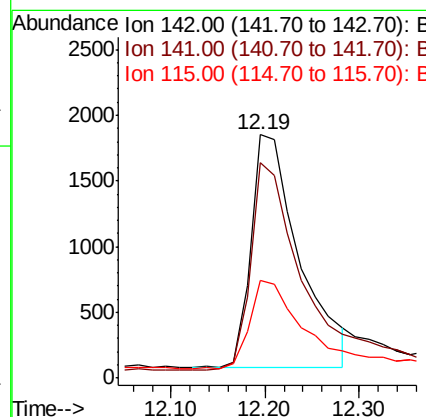
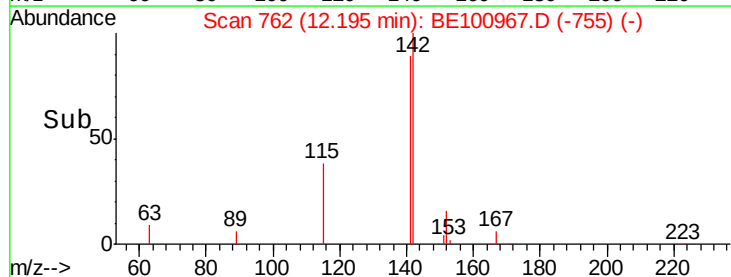
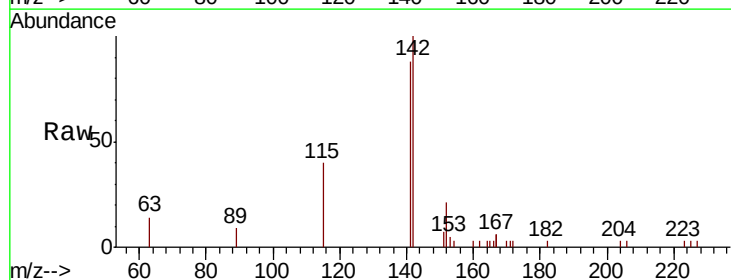
Instrument :  
 BNA\_E  
 ClientSampleId :  
 DFTPP

Tot Ion:152 Resp: 6750  
 Ion Ratio Lower Upper  
 152 100  
 151 18.9 15.1 22.7

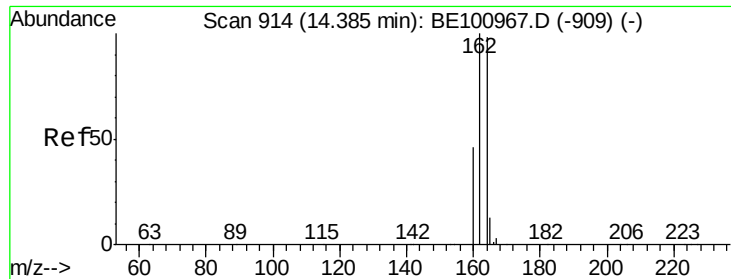


#12  
 2-Methylnaphthalene  
 Concen: 0.374 ng  
 RT: 12.19 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: BE100967.D  
 Acq: 24 Dec 2019 10:26

Tgt Ion:142 Resp: 6353  
 Ion Ratio Lower Upper  
 142 100  
 141 88.5 70.8 106.2  
 115 40.0 32.0 48.0







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

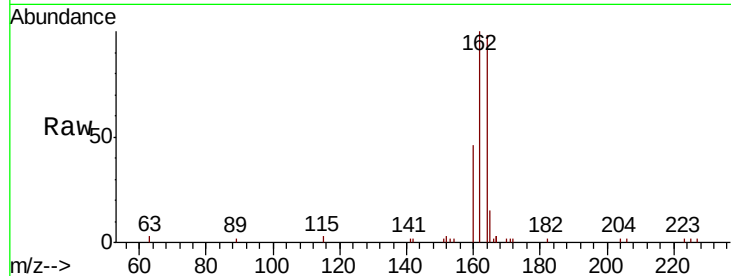
Tot Ion:164 Resp: 7016

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

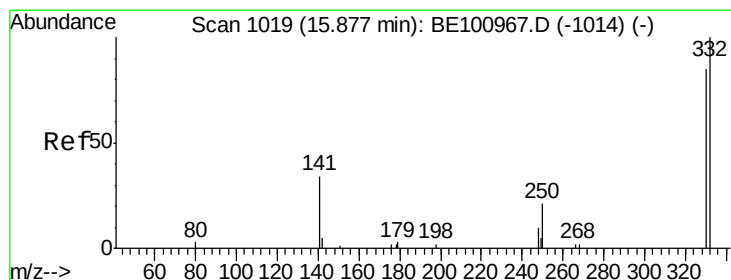
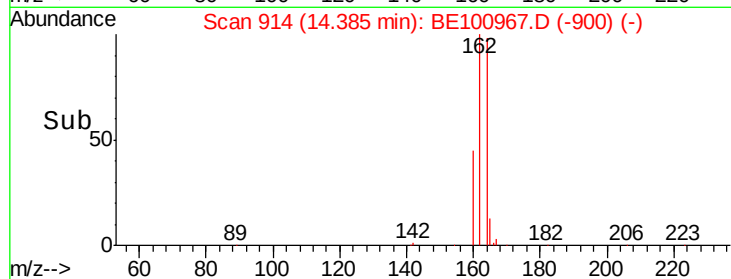
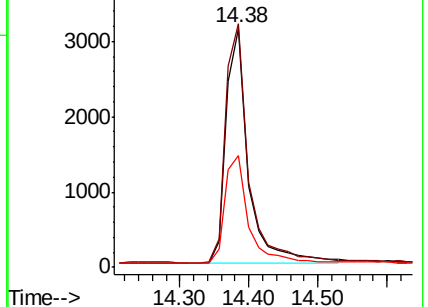
160 47.1 37.7 56.5



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: 0.287 ng

RT: 15.88 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

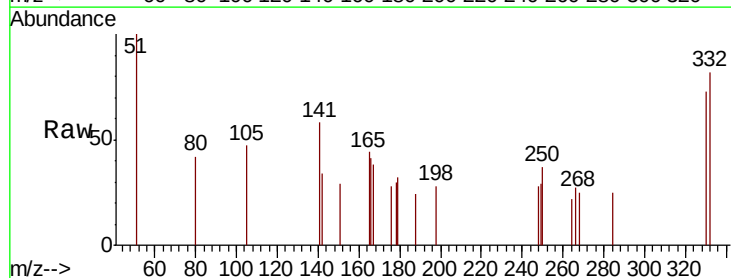
Tgt Ion:330 Resp: 494

Ion Ratio Lower Upper

330 100

332 90.5 72.4 108.6

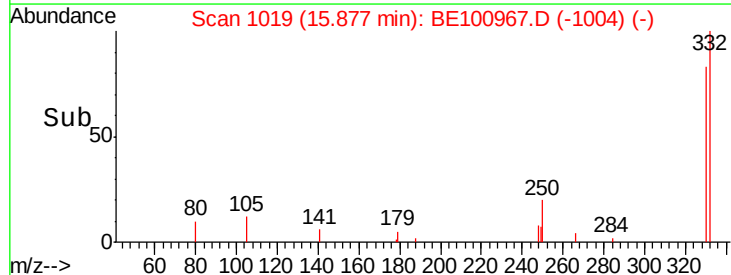
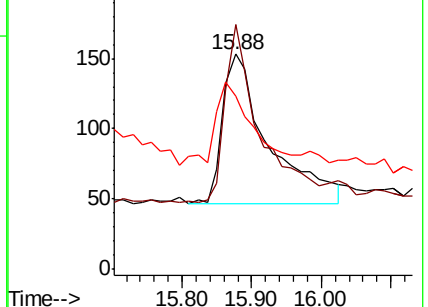
141 31.8 25.4 38.2

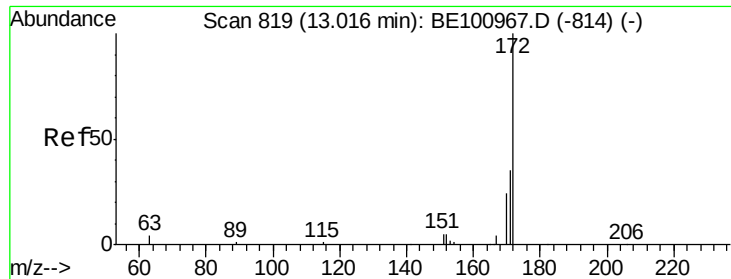


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

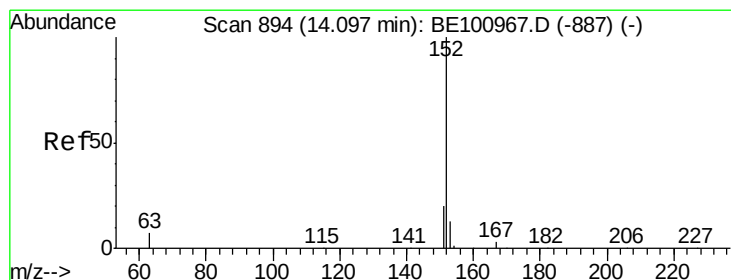
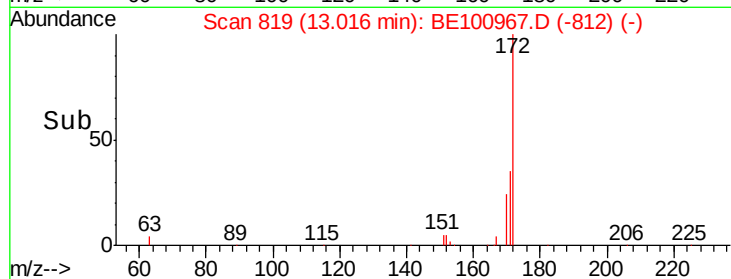
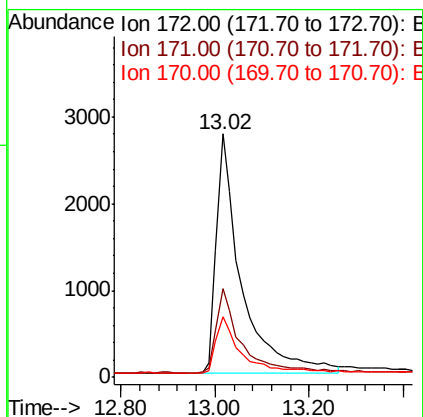
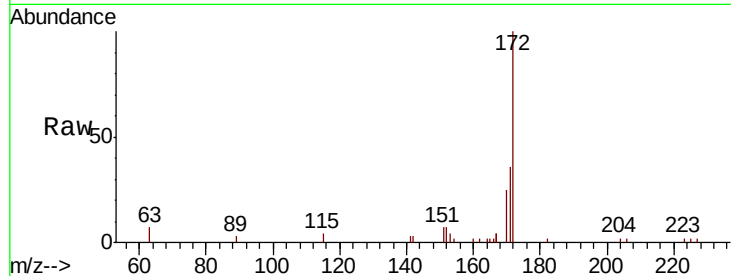




#15  
2-Fluorobiphenyl  
Concen: 0.409 ng  
RT: 13.02 min Scan# 819  
Delta R.T. 0.00 min  
Lab File: BE100967.D  
Acq: 24 Dec 2019 10:26

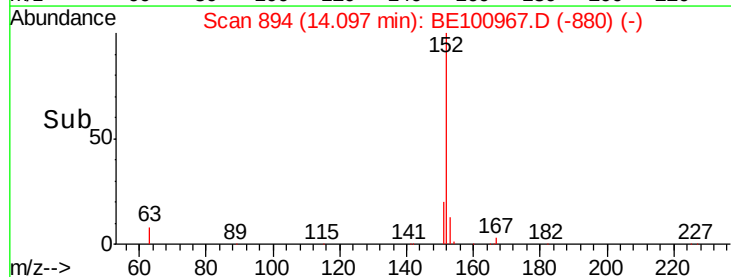
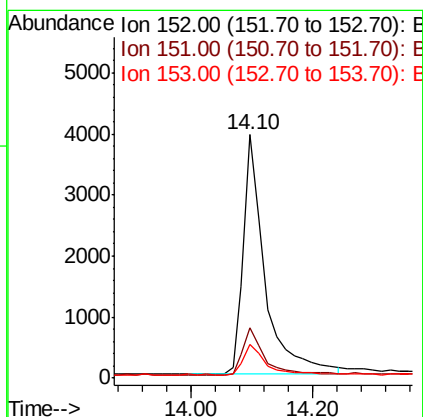
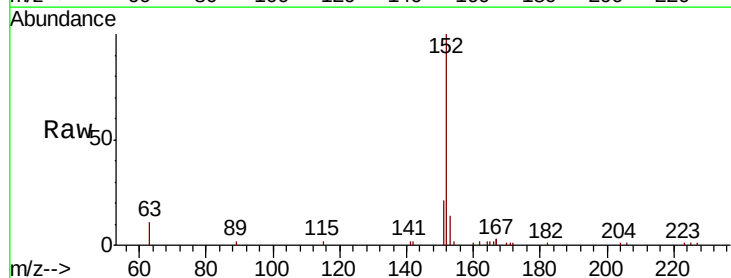
Instrument :  
BNA\_E  
ClientSampleId :  
DFTPP

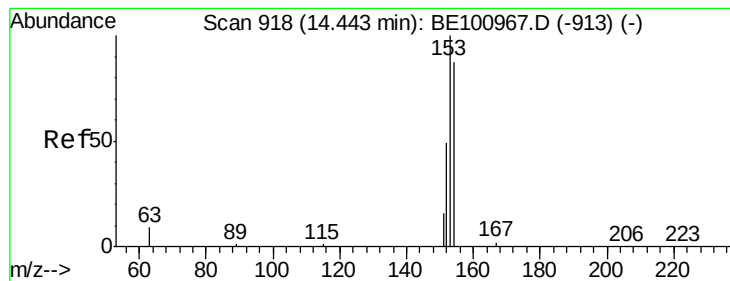
Tot Ion:172 Resp: 10147  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.6  
170 25.0 20.0 30.0



#16  
Acenaphthylene  
Concen: 0.337 ng  
RT: 14.10 min Scan# 894  
Delta R.T. 0.00 min  
Lab File: BE100967.D  
Acq: 24 Dec 2019 10:26

Tgt Ion:152 Resp: 9744  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.5 23.3  
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.44 min Scan# 918

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

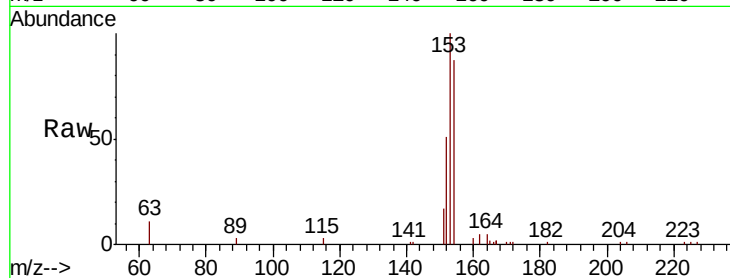
Tot Ion:154 Resp: 7695

Ion Ratio Lower Upper

154 100

153 114.6 91.7 137.5

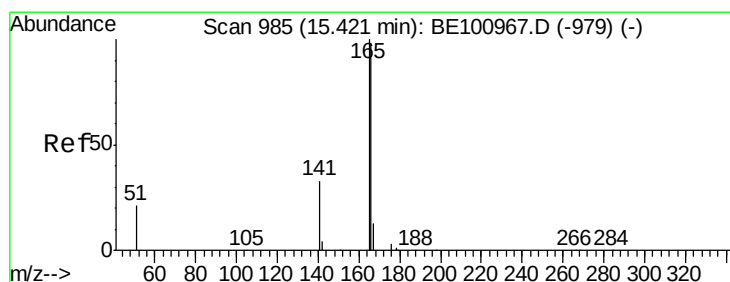
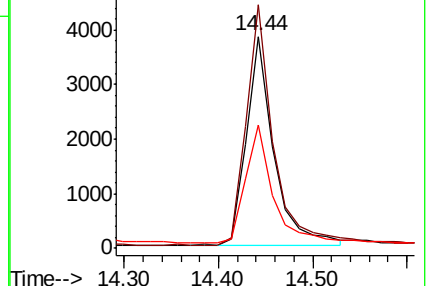
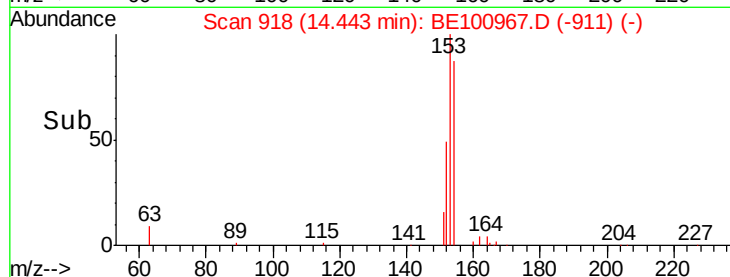
152 55.6 44.5 66.7



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: 0.370 ng

RT: 15.42 min Scan# 985

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

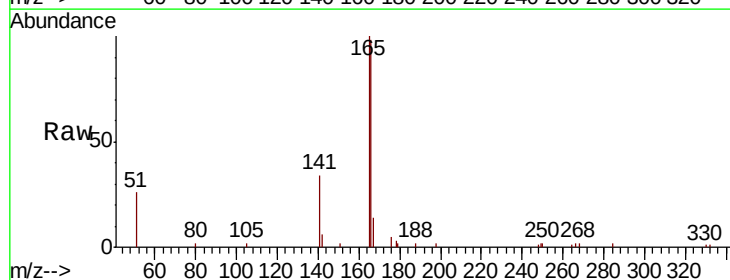
Tgt Ion:166 Resp: 9209

Ion Ratio Lower Upper

166 100

165 99.2 79.4 119.0

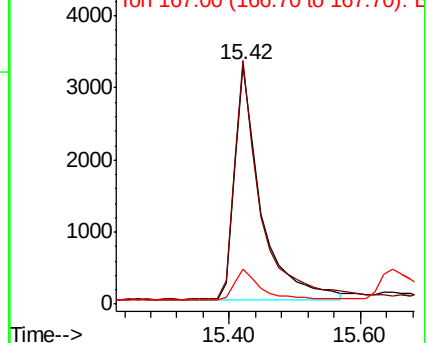
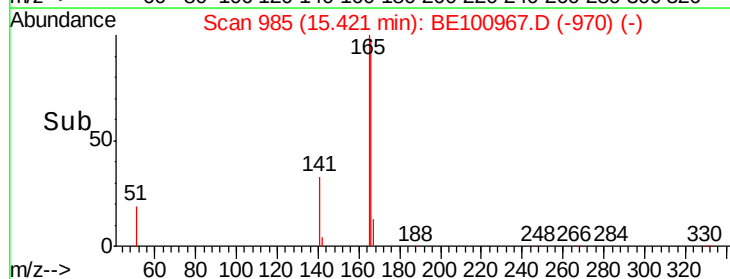
167 13.2 10.6 15.8

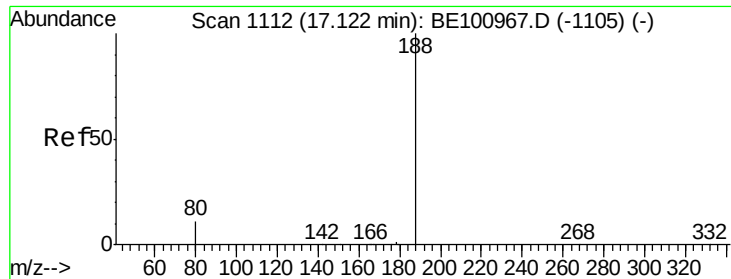


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

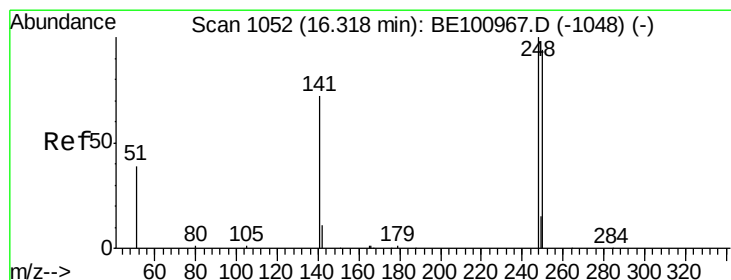
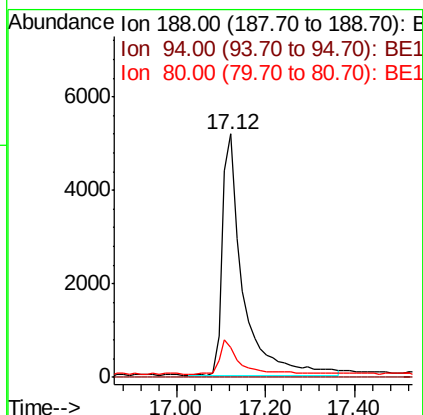
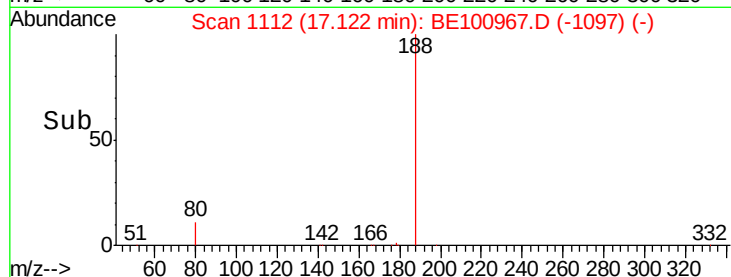
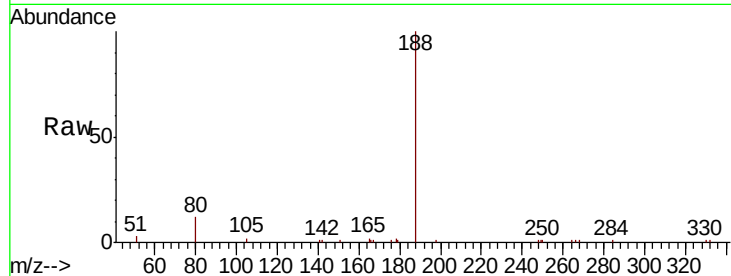




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.12 min Scan# 1112  
Delta R.T. 0.00 min  
Lab File: BE100967.D  
Acq: 24 Dec 2019 10:26

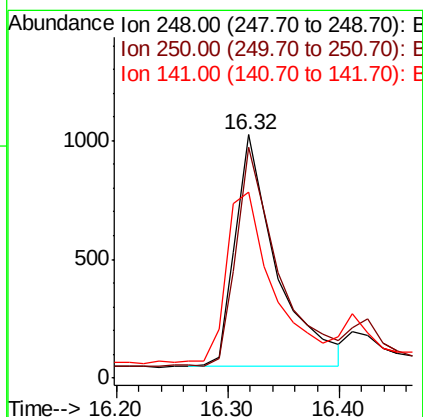
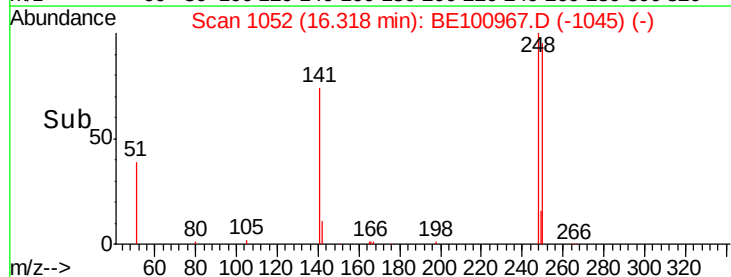
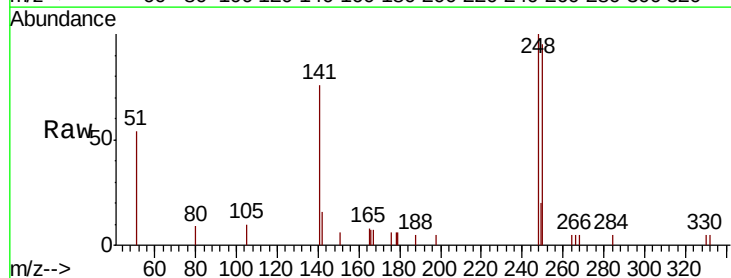
Instrument :  
BNA\_E  
ClientSampleId :  
DFTPP

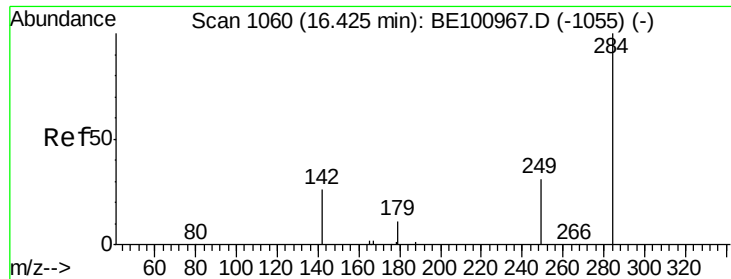
Tot Ion:188 Resp: 16256  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.1 9.7 14.5



#20  
4-Bromophenyl-phenylether  
Concen: 0.348 ng  
RT: 16.32 min Scan# 1052  
Delta R.T. 0.00 min  
Lab File: BE100967.D  
Acq: 24 Dec 2019 10:26

Tgt Ion:248 Resp: 2516  
Ion Ratio Lower Upper  
248 100  
250 95.0 76.0 114.0  
141 76.3 61.0 91.6

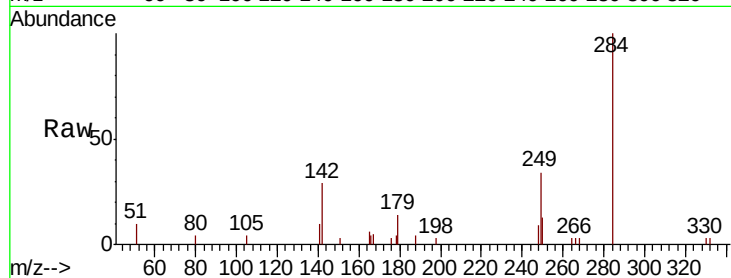




#21  
Hexachlorobenzene  
Concen: 0.394 ng  
RT: 16.43 min Scan# 1060  
Delta R.T. 0.00 min  
Lab File: BE100967.D  
Acq: 24 Dec 2019 10:26

Instrument :  
BNA\_E  
ClientSampleId :  
DFTPP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 41.6  | 33.3  | 49.9  |
| 249     | 34.0  | 27.2  | 40.8  |

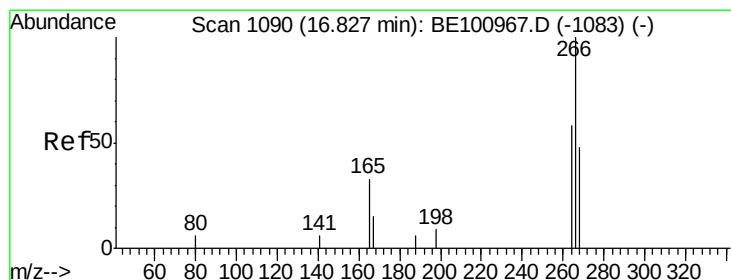
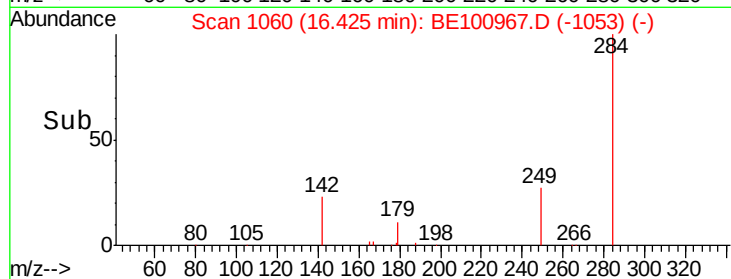
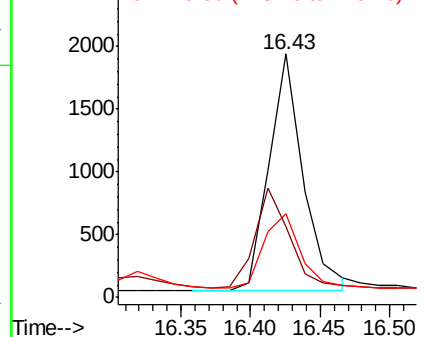


Abundance

Ion 283.80 (283.50 to 284.50): E

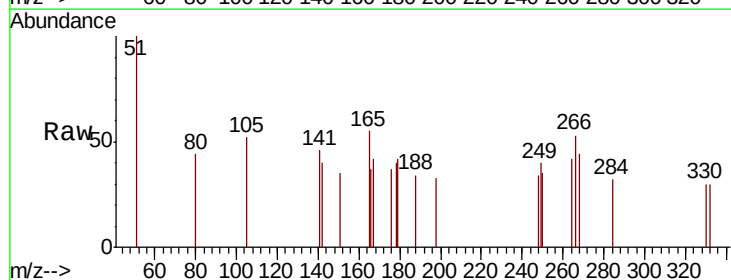
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22  
Pentachlorophenol  
Concen: 0.150 ng  
RT: 16.83 min Scan# 1090  
Delta R.T. 0.00 min  
Lab File: BE100967.D  
Acq: 24 Dec 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 77.9  | 62.3  | 93.5  |
| 268     | 82.6  | 66.1  | 99.1  |

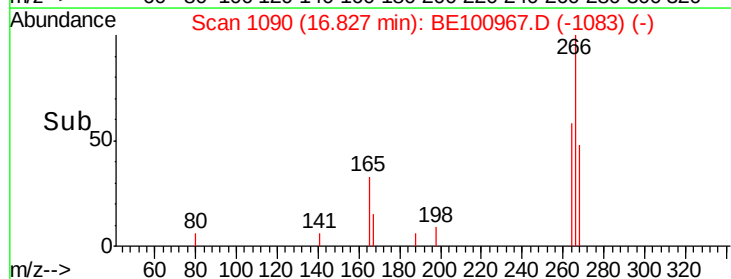
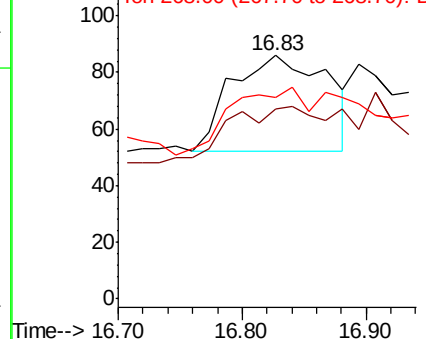


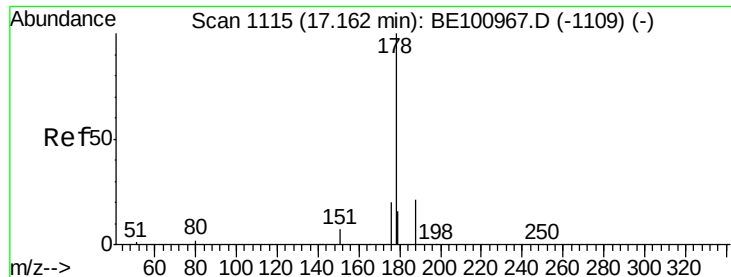
Abundance

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

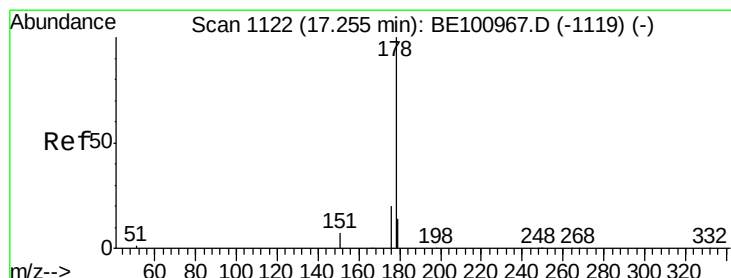
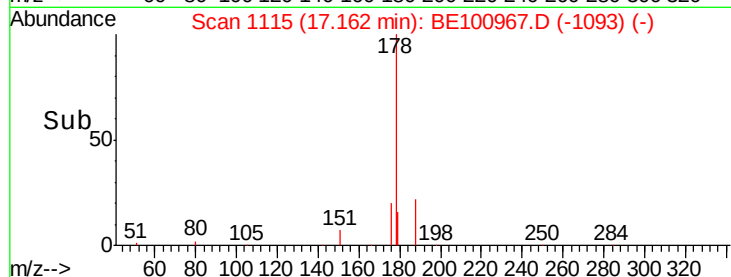
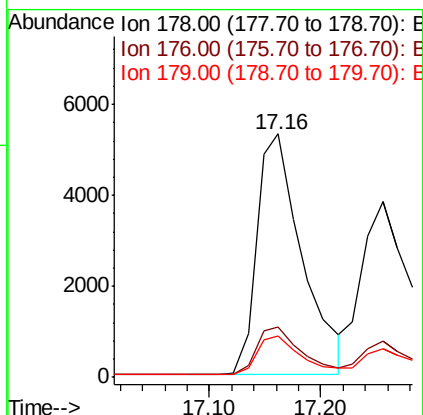
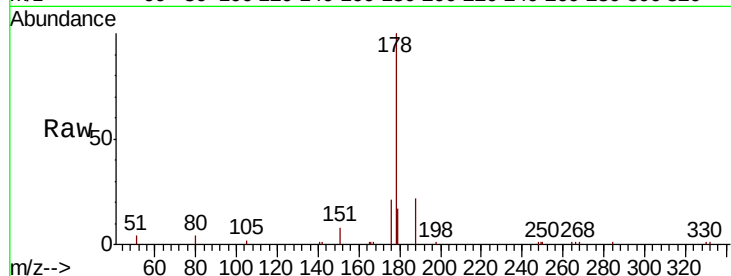




#23  
Phenanthrene  
Concen: 0.353 ng  
RT: 17.16 min Scan# 1115  
Delta R.T. 0.00 min  
Lab File: BE100967.D  
Acq: 24 Dec 2019 10:26

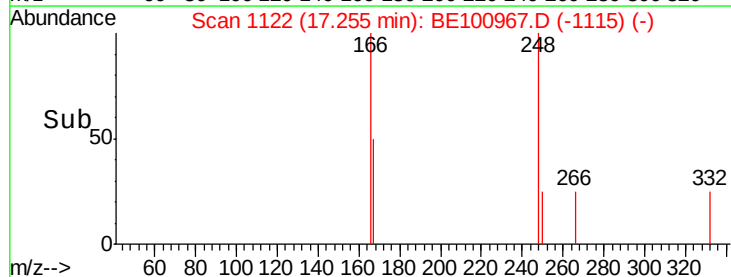
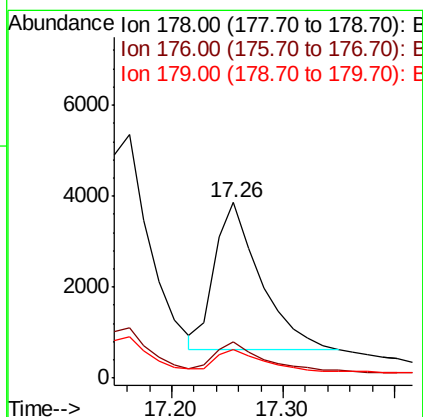
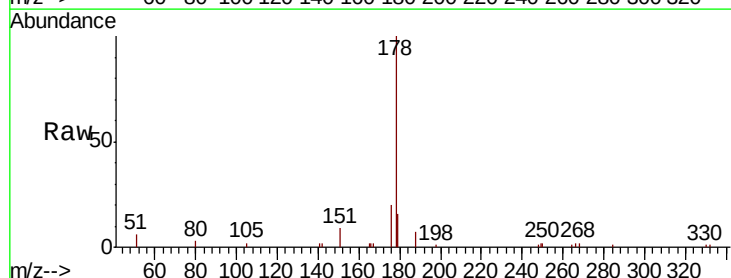
Instrument :  
BNA\_E  
ClientSampleId :  
DFTPP

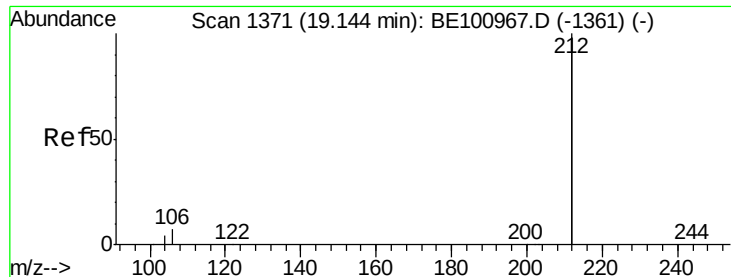
Tot Ion:178 Resp: 14952  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.7 23.5  
179 15.7 12.6 18.8



#24  
Anthracene  
Concen: 0.322 ng  
RT: 17.26 min Scan# 1122  
Delta R.T. 0.00 min  
Lab File: BE100967.D  
Acq: 24 Dec 2019 10:26

Tgt Ion:178 Resp: 9177  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.6 12.5 18.7

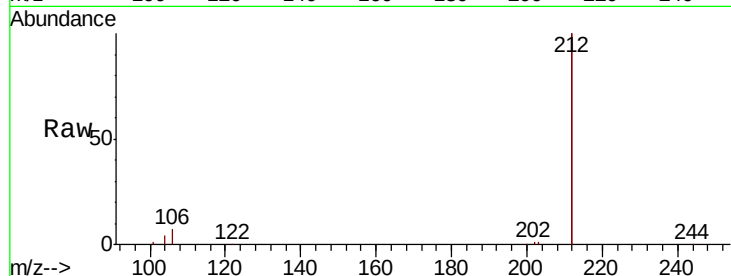




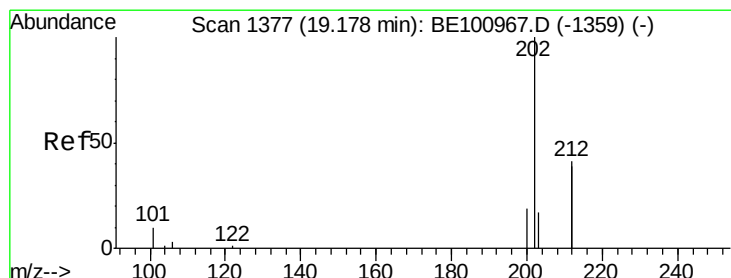
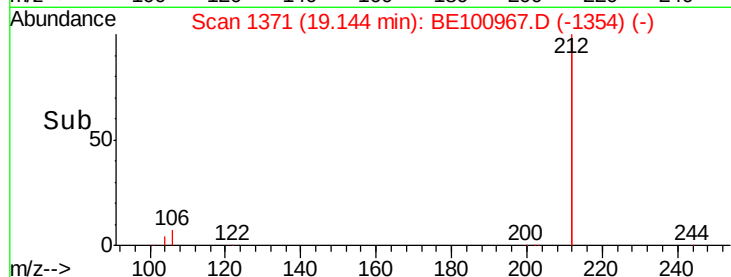
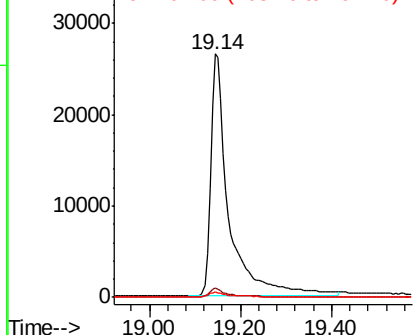
#25  
 Fluoranthene-d10  
 Concen: 0.361 ng  
 RT: 19.14 min Scan# 1371  
 Delta R.T. 0.00 min  
 Lab File: BE100967.D  
 Acq: 24 Dec 2019 10:26

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DFTPP

Tot Ion:212 Resp: 73487  
 Ion Ratio Lower Upper  
 212 100  
 106 3.0 2.4 3.6  
 104 1.7 1.4 2.0

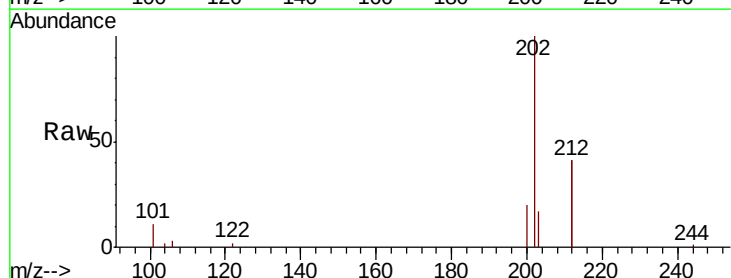


Abundance Ion 212.00 (211.70 to 212.70): E  
 Ion 106.00 (105.70 to 106.70): E  
 Ion 104.00 (103.70 to 104.70): E

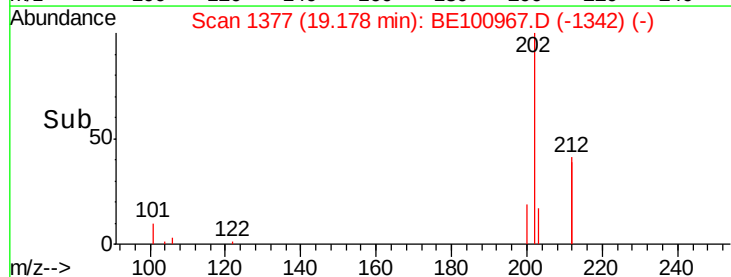
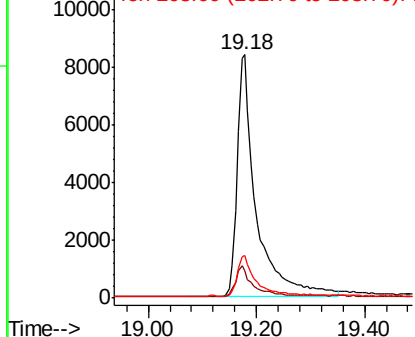


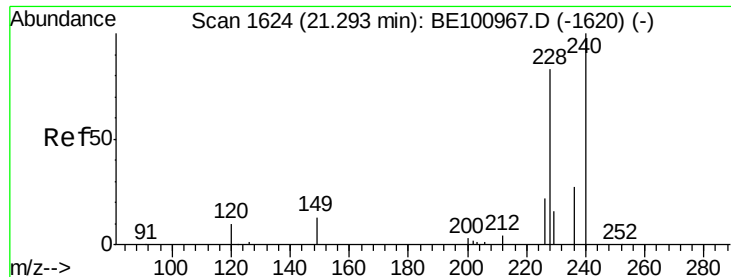
#26  
 Fluoranthene  
 Concen: 0.351 ng  
 RT: 19.18 min Scan# 1377  
 Delta R.T. 0.00 min  
 Lab File: BE100967.D  
 Acq: 24 Dec 2019 10:26

Tgt Ion:202 Resp: 20645  
 Ion Ratio Lower Upper  
 202 100  
 101 11.2 9.0 13.4  
 203 16.5 13.2 19.8



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

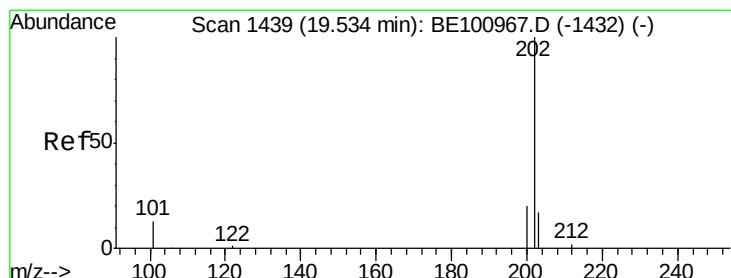
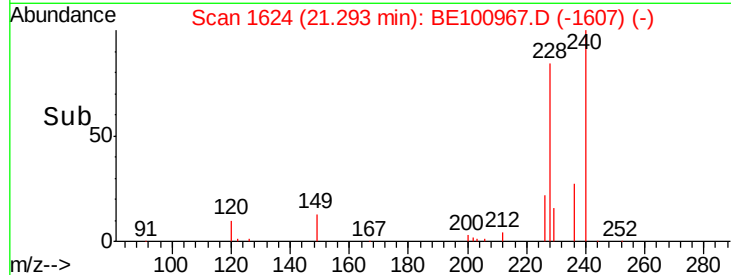
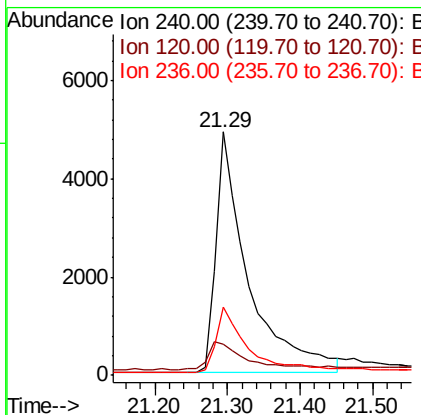
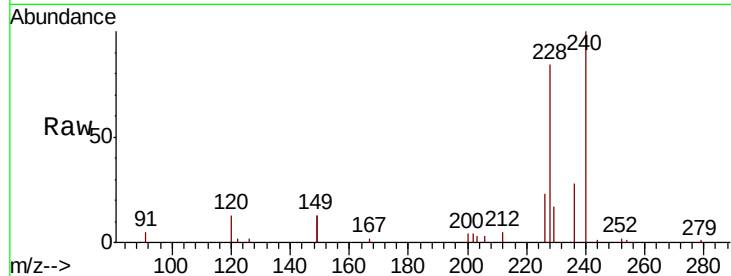




#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.29 min Scan# 1624  
 Delta R.T. 0.00 min  
 Lab File: BE100967.D  
 Acq: 24 Dec 2019 10:26

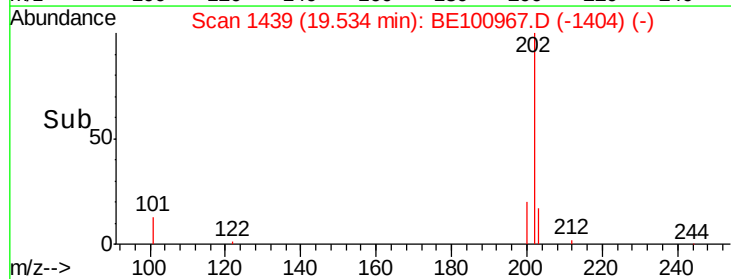
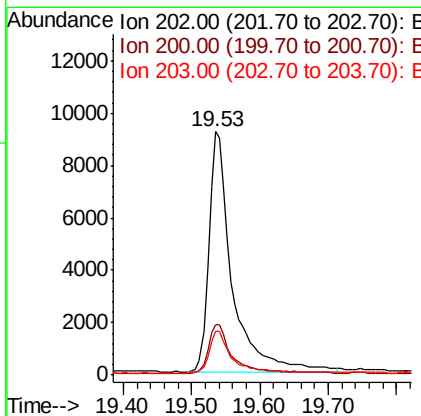
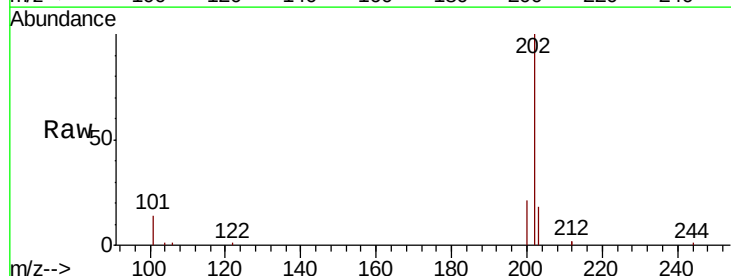
Instrument :  
 BNA\_E  
 ClientSampleId :  
 DFTPP

Tot Ion:240 Resp: 15320  
 Ion Ratio Lower Upper  
 240 100  
 120 12.8 10.2 15.4  
 236 28.3 22.6 34.0

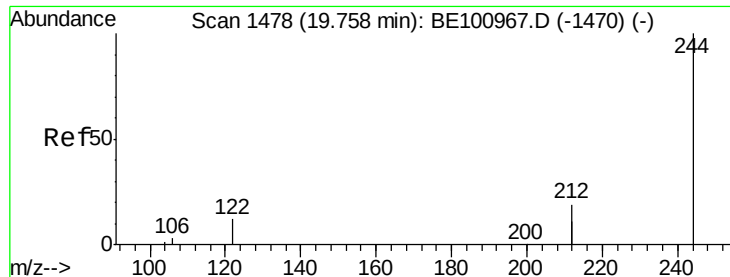


#28  
 Pyrene  
 Concen: 0.399 ng  
 RT: 19.53 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: BE100967.D  
 Acq: 24 Dec 2019 10:26

Tgt Ion:202 Resp: 21851  
 Ion Ratio Lower Upper  
 202 100  
 200 20.8 16.6 25.0  
 203 17.2 13.8 20.6







#29

Terphenyl-d14

Concen: 0.397 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

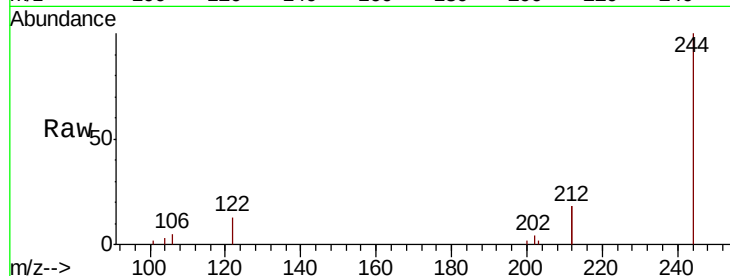
Tot Ion:244 Resp: 13861

Ion Ratio Lower Upper

244 100

212 36.6 29.3 43.9

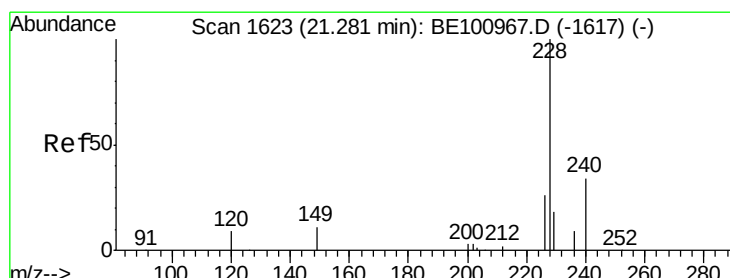
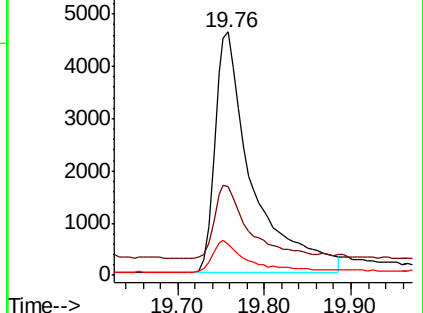
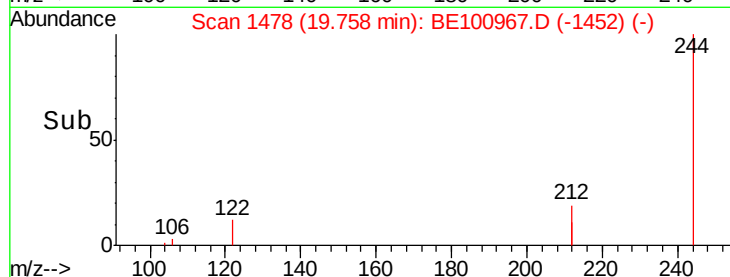
122 12.8 10.2 15.4



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: 0.325 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

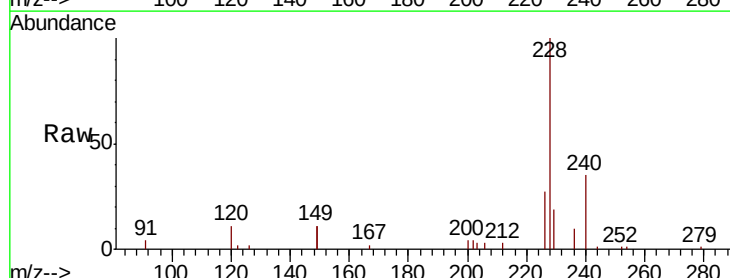
Tgt Ion:228 Resp: 13051

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

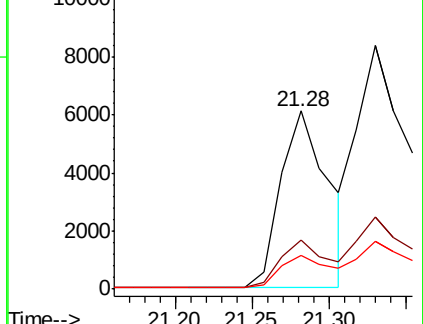
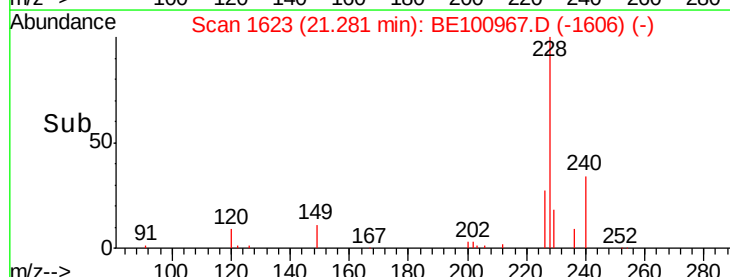
229 19.2 15.4 23.0

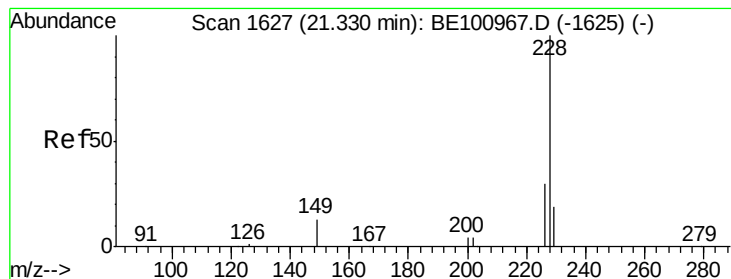


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.383 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

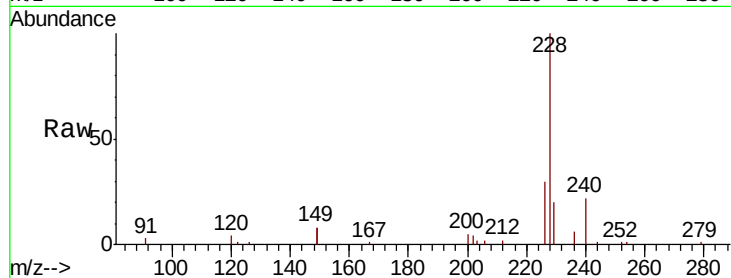
Tot Ion:228 Resp: 19366

Ion Ratio Lower Upper

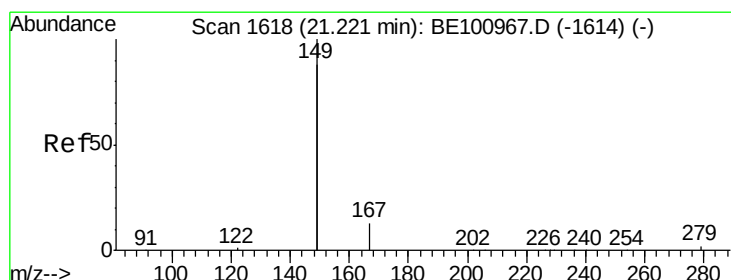
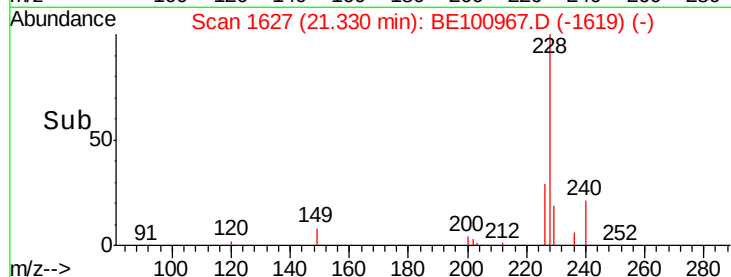
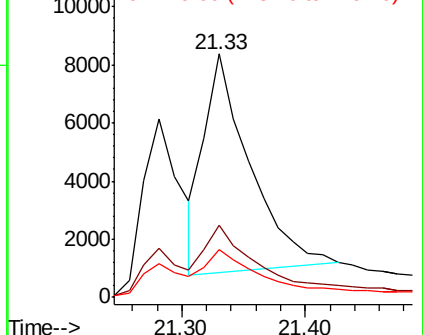
228 100

226 29.5 23.6 35.4

229 19.6 15.7 23.5



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: 0.206 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

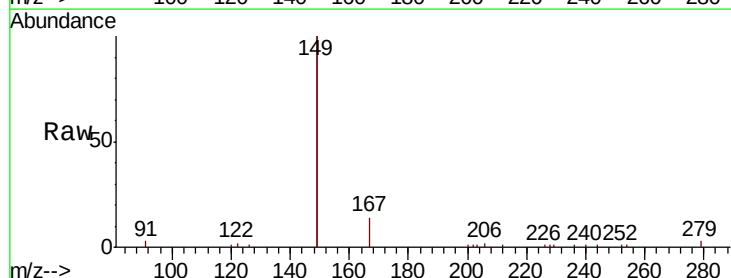
Tgt Ion:149 Resp: 26075

Ion Ratio Lower Upper

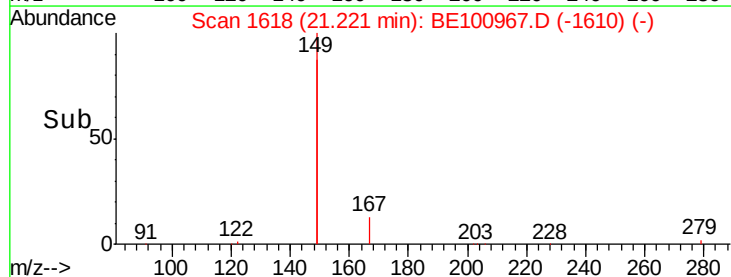
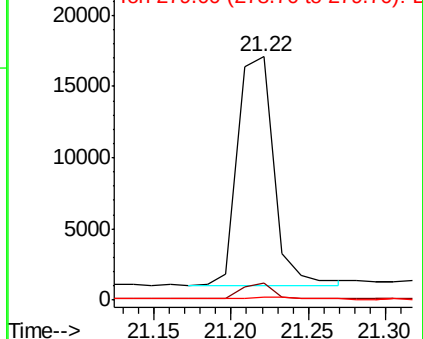
149 100

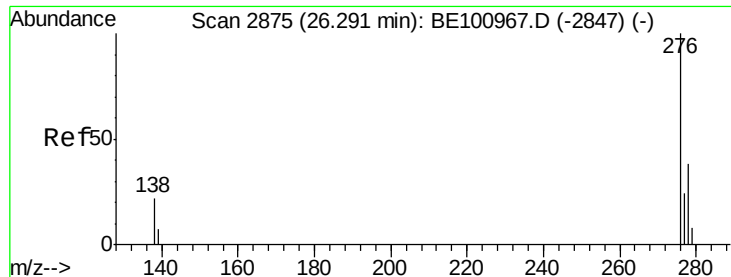
167 6.4 5.1 7.7

279 0.8 0.6 1.0



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: 0.379 ng

RT: 26.29 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

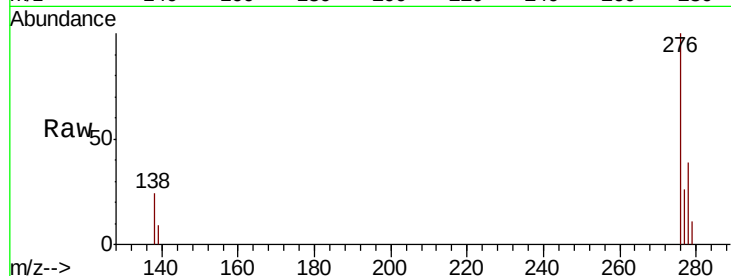
Tot Ion:276 Resp: 20085

Ion Ratio Lower Upper

276 100

138 18.5 14.8 22.2

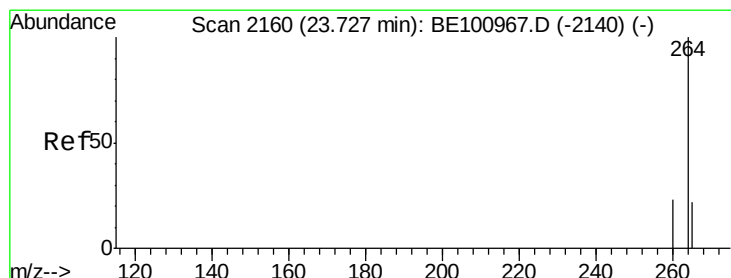
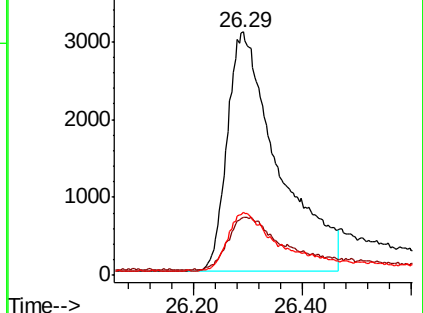
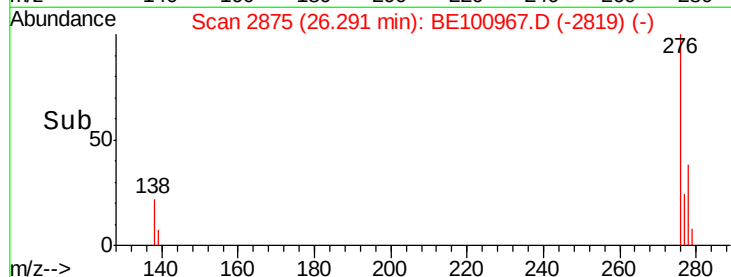
277 22.5 18.0 27.0



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: 23.73 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

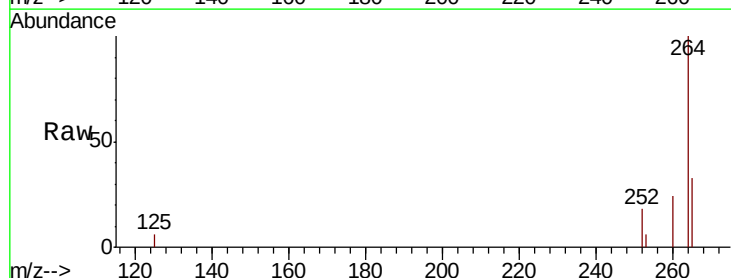
Tgt Ion:264 Resp: 18824

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

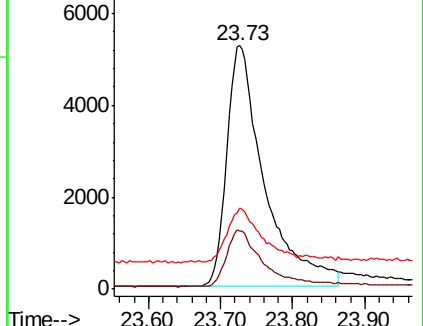
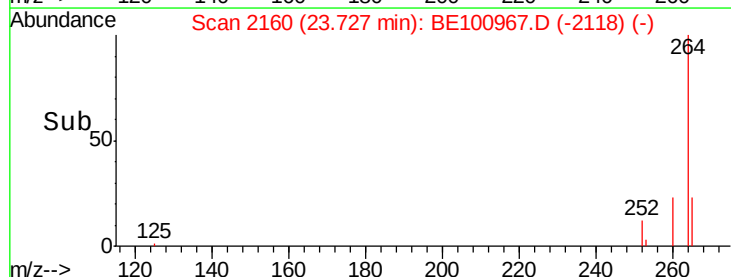
265 33.3 26.6 40.0

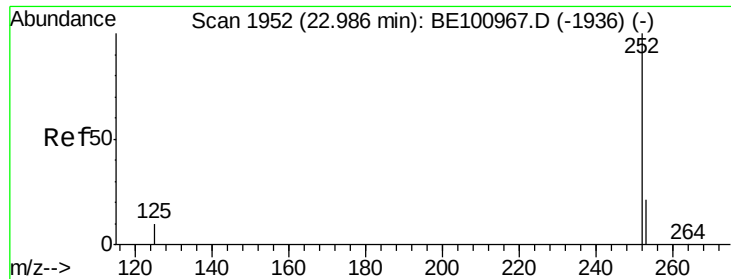


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.372 ng

RT: 22.99 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

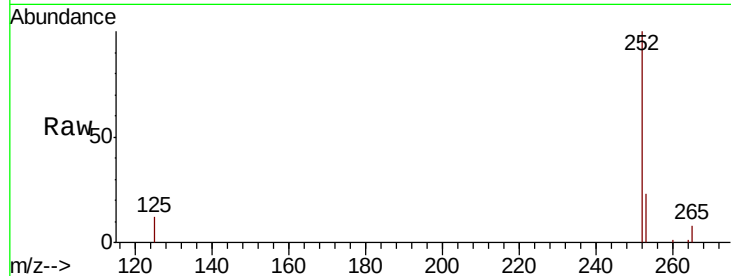
Tot Ion:252 Resp: 15518

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 12.1 9.7 14.5

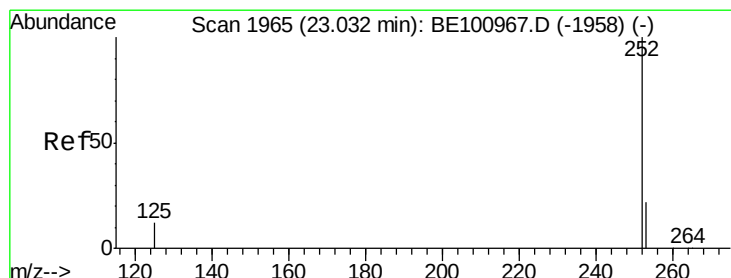
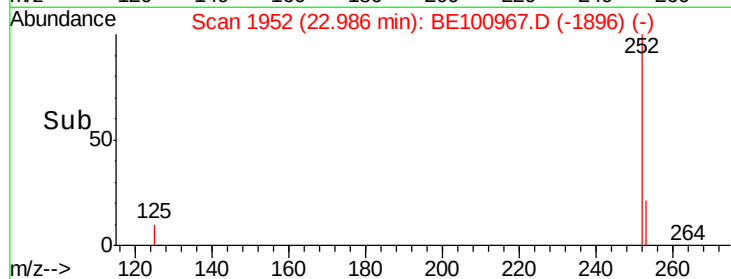
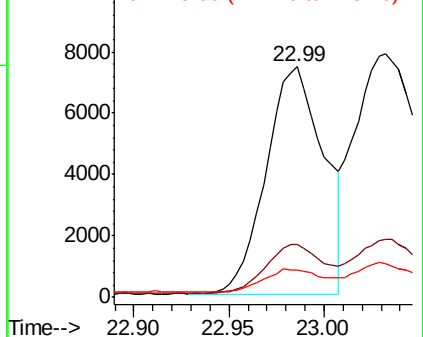


Abundance

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: 0.478 ng

RT: 23.03 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

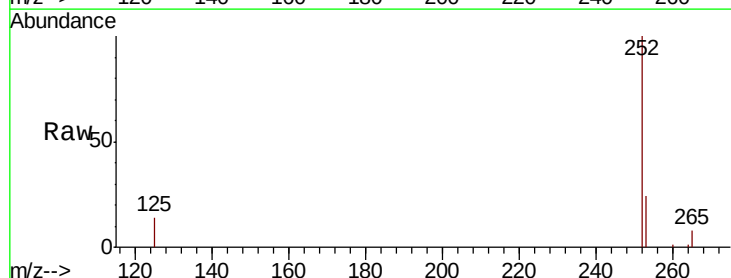
Tgt Ion:252 Resp: 26654

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

125 14.0 11.2 16.8

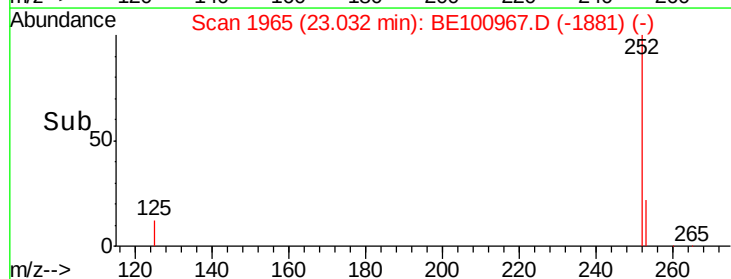
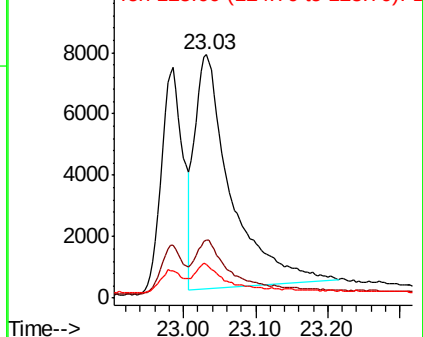


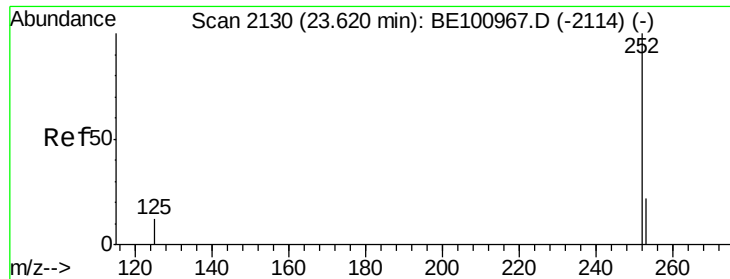
Abundance

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: 0.380 ng

RT: 23.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

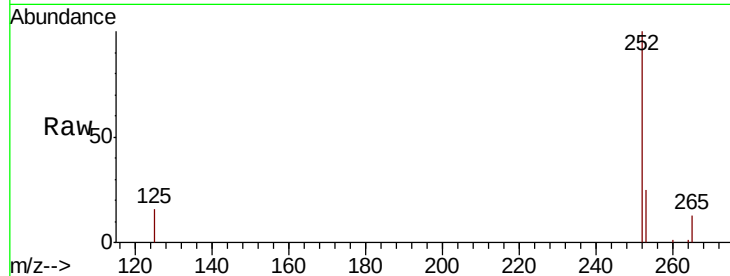
Tot Ion:252 Resp: 18078

Ion Ratio Lower Upper

252 100

253 25.1 20.1 30.1

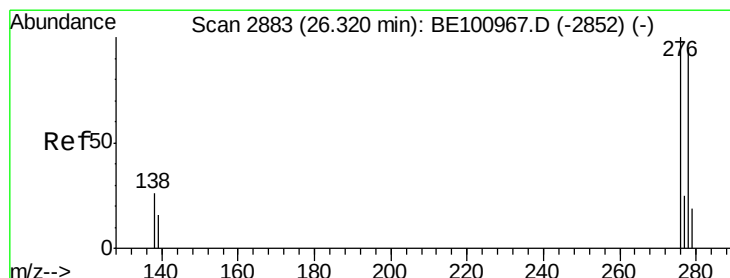
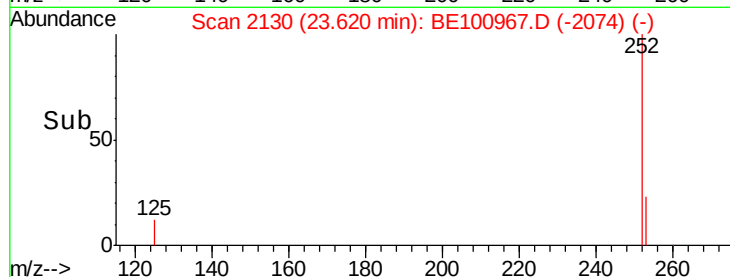
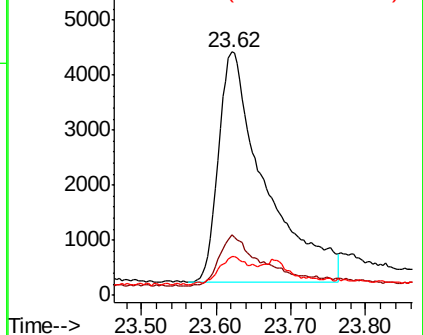
125 15.7 12.6 18.8



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: 0.346 ng

RT: 26.32 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

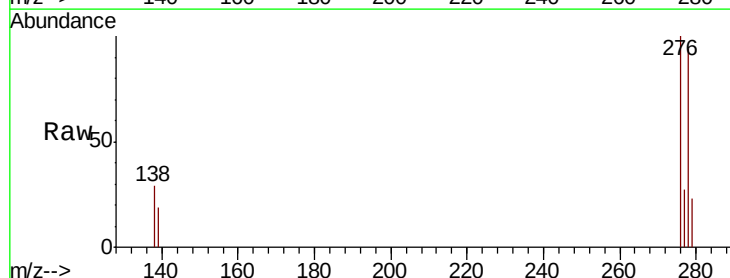
Tgt Ion:278 Resp: 13852

Ion Ratio Lower Upper

278 100

139 20.5 16.4 24.6

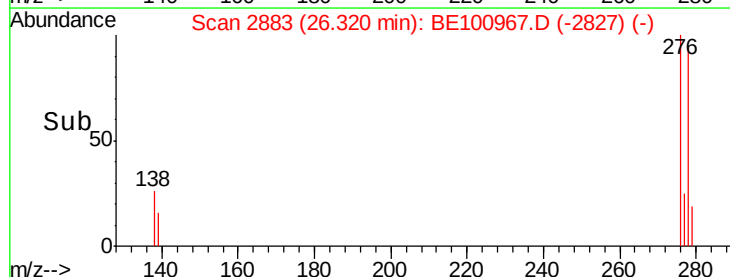
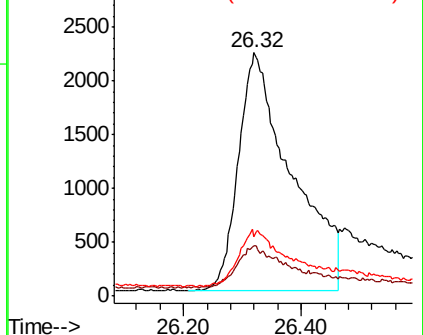
279 24.1 19.3 28.9

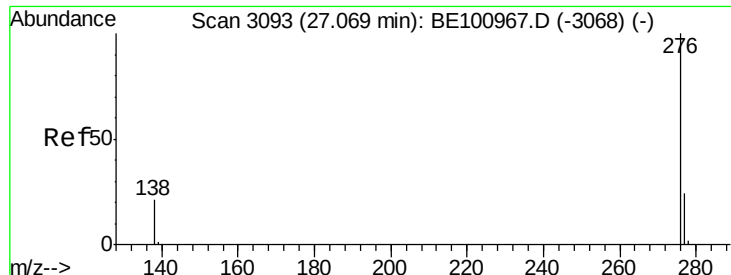


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.398 ng

RT: 27.07 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA\_E

ClientSampleId :

DFTPP

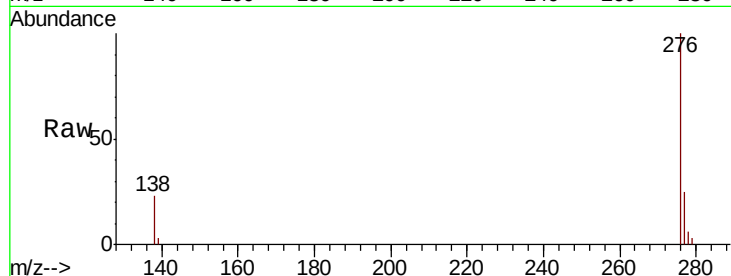
Tot Ion:276 Resp: 19707

Ion Ratio Lower Upper

276 100

277 25.0 20.0 30.0

138 23.2 18.6 27.8



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

