

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\  
 Data File : BE100227.D  
 Acq On : 28 Jun 2019 9:50  
 Operator : JU/SJ  
 Sample : SSTDICC0.2  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

Quant Time: Jun 28 12:19:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 12:13:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 556      | 0.40 | ng    | 0.01     |
| 7) Naphthalene-d8         | 10.45 | 136  | 2023     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.33 | 164  | 1565     | 0.40 | ng    | 0.02     |
| 19) Phenanthrene-d10      | 17.07 | 188  | 4865     | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12          | 21.24 | 240  | 7139     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.67 | 264  | 9208     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.21  | 112 | 289   | 0.23 | ng | 0.00 |
| 5) Phenol-d6                | 6.86  | 99  | 325   | 0.19 | ng | 0.02 |
| 8) Nitrobenzene-d5          | 8.83  | 82  | 359   | 0.18 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.07 | 152 | 718   | 0.19 | ng | 0.02 |
| 14) 2,4,6-Tribromophenol    | 15.84 | 330 | 179   | 0.20 | ng | 0.01 |
| 15) 2-Fluorobiphenyl        | 12.96 | 172 | 1212  | 0.19 | ng | 0.02 |
| 25) Fluoranthene-d10        | 19.10 | 212 | 13531 | 0.19 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.70 | 244 | 2914  | 0.21 | ng | 0.00 |

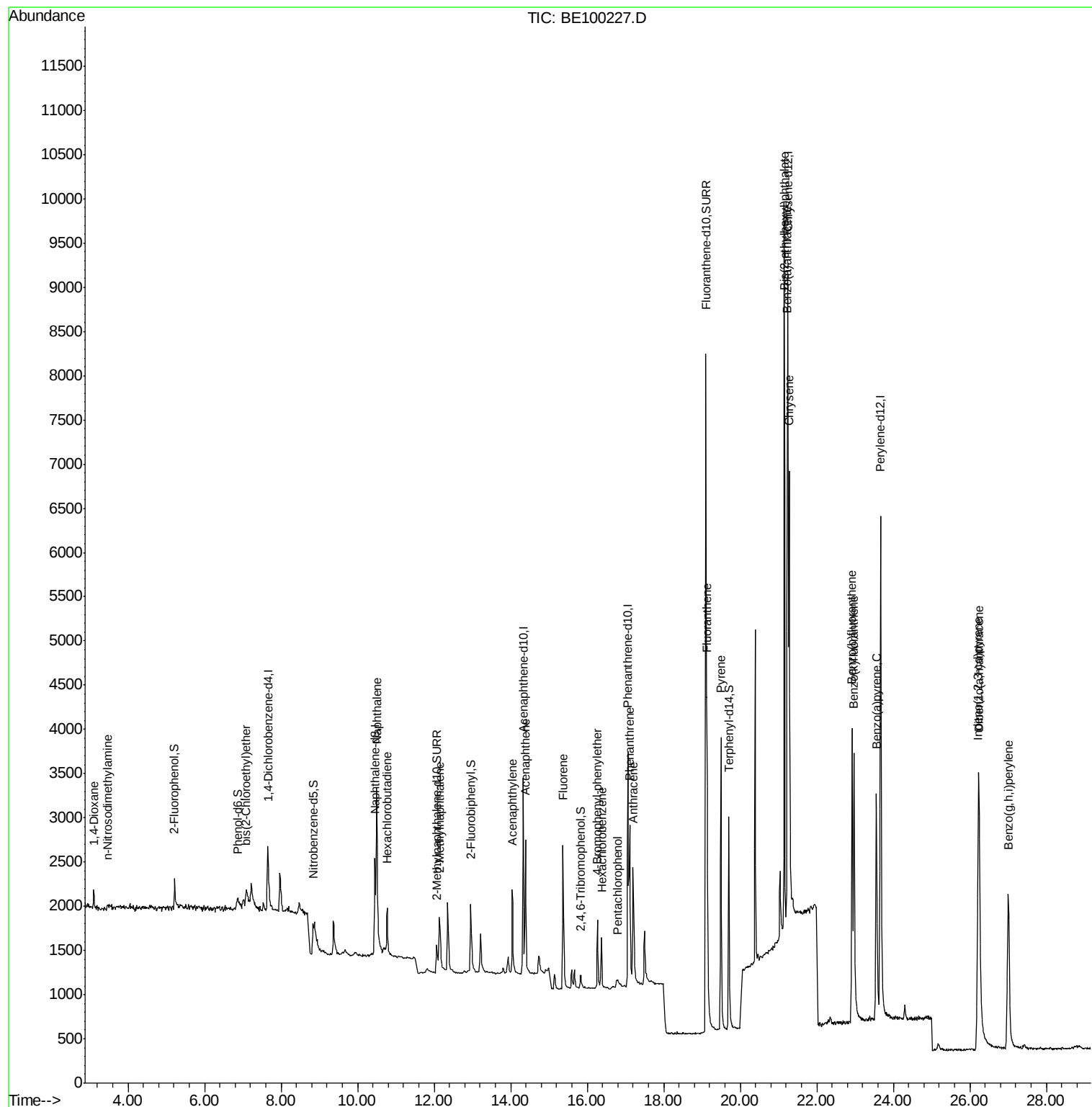
|                                |       |     |      |        |    |       |
|--------------------------------|-------|-----|------|--------|----|-------|
| Target Compounds               |       |     |      | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.09  | 88  | 191  | 0.220  | ng | 97    |
| 3) n-Nitrosodimethylamine      | 3.47  | 42  | 82   | 0.255  | ng | # 43  |
| 6) bis(2-Chloroethyl)ether     | 7.09  | 93  | 283  | 0.182  | ng | # 96  |
| 9) Naphthalene                 | 10.50 | 128 | 4382 | 0.198  | ng | # 97  |
| 10) Hexachlorobutadiene        | 10.77 | 225 | 426  | 0.187  | ng | 98    |
| 12) 2-Methylnaphthalene        | 12.14 | 142 | 756  | 0.213  | ng | 97    |
| 16) Acenaphthylene             | 14.04 | 152 | 1456 | 0.191  | ng | 98    |
| 17) Acenaphthene               | 14.38 | 154 | 821  | 0.192  | ng | 97    |
| 18) Fluorene                   | 15.37 | 166 | 1202 | 0.194  | ng | 96    |
| 20) 4-Bromophenyl-phenylether  | 16.26 | 248 | 605  | 0.200  | ng | # 89  |
| 21) Hexachlorobenzene          | 16.37 | 284 | 617  | 0.186  | ng | 97    |
| 22) Pentachlorophenol          | 16.80 | 266 | 166  | 0.213  | ng | 88    |
| 23) Phenanthrene               | 17.11 | 178 | 2199 | 0.191  | ng | 98    |
| 24) Anthracene                 | 17.20 | 178 | 1881 | 0.193  | ng | 99    |
| 26) Fluoranthene               | 19.13 | 202 | 3529 | 0.188  | ng | 100   |
| 28) Pyrene                     | 19.49 | 202 | 3775 | 0.206  | ng | 99    |
| 30) Benzo(a)anthracene         | 21.23 | 228 | 4524 | 0.215  | ng | 98    |
| 31) Chrysene                   | 21.28 | 228 | 4706 | 0.191  | ng | 97    |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 9769 | 0.404  | ng | # 100 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.22 | 276 | 6125 | 0.174  | ng | 99    |
| 35) Benzo(b)fluoranthene       | 22.93 | 252 | 4603 | 0.186  | ng | 96    |
| 36) Benzo(k)fluoranthene       | 22.97 | 252 | 5421 | 0.183  | ng | # 93  |
| 37) Benzo(a)pyrene             | 23.56 | 252 | 4803 | 0.187  | ng | # 93  |
| 38) Dibenzo(a,h)anthracene     | 26.25 | 278 | 4866 | 0.177  | ng | 94    |
| 39) Benzo(g,h,i)perylene       | 27.01 | 276 | 5086 | 0.177  | ng | # 95  |

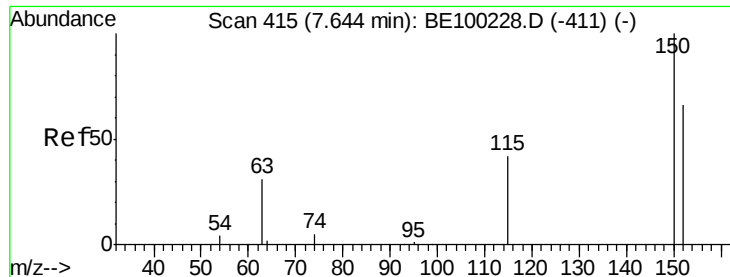
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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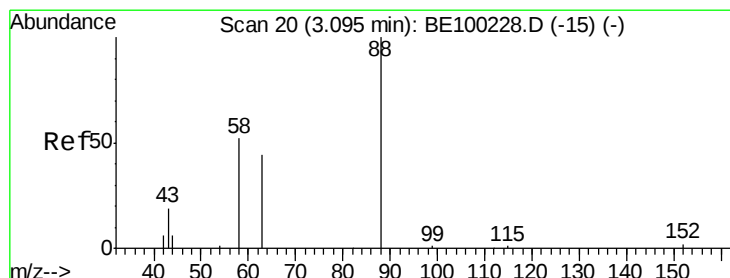
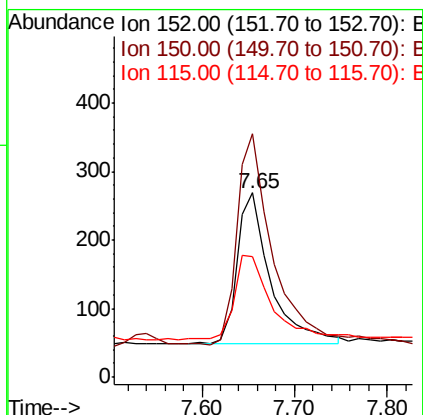
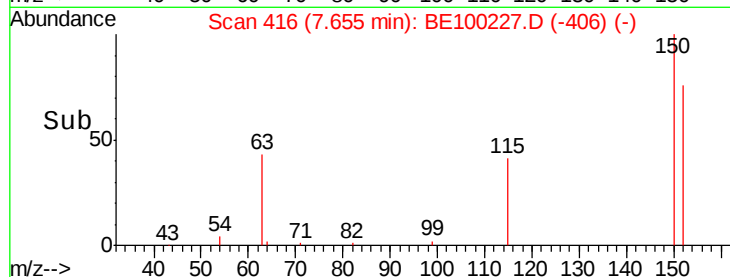
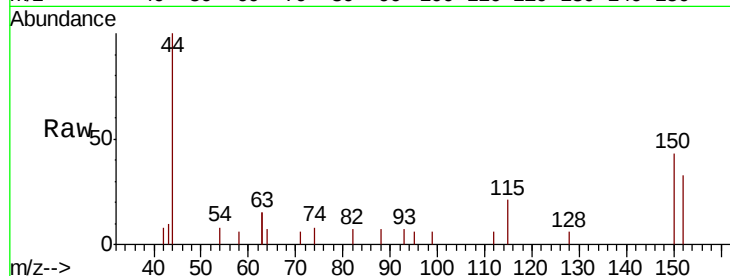


#1

1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.65 min Scan# 416  
Delta R.T. 0.01 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

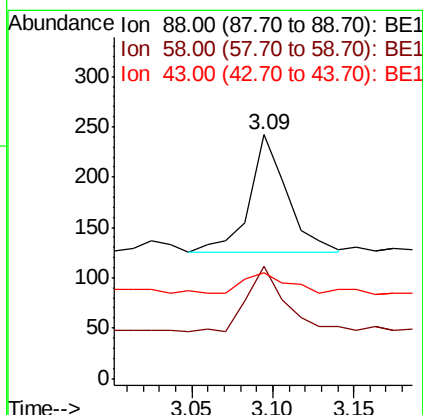
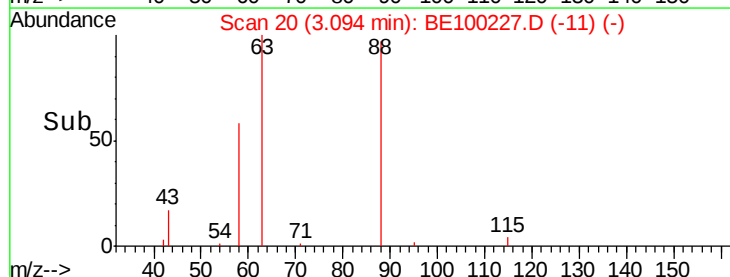
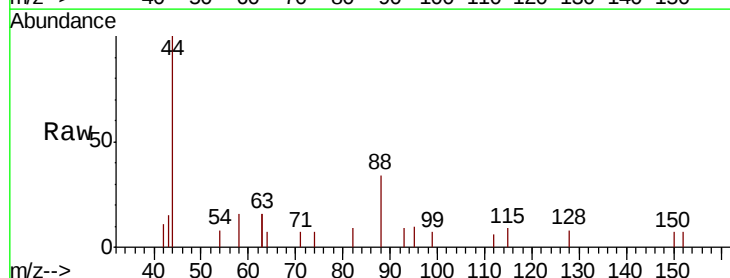
Tot Ion:152 Resp: 556  
Ion Ratio Lower Upper  
152 100  
150 132.0 114.5 171.7  
115 65.1 57.1 85.7

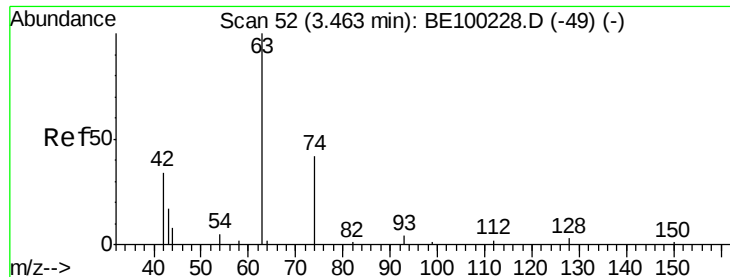


#2

1,4-Dioxane  
Concen: 0.220 ng  
RT: 3.09 min Scan# 20  
Delta R.T. -0.00 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

Tgt Ion: 88 Resp: 191  
Ion Ratio Lower Upper  
88 100  
58 53.9 43.6 65.4  
43 22.5 21.4 32.0





#3

n-Nitrosodimethylamine

Concen: 0.255 ng

RT: 3.47 min Scan# 53

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

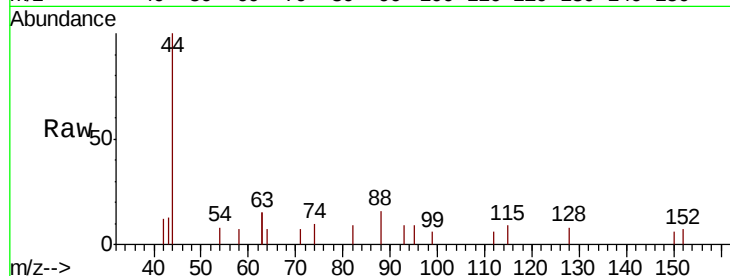
Tot Ion: 42 Resp: 82

Ion Ratio Lower Upper

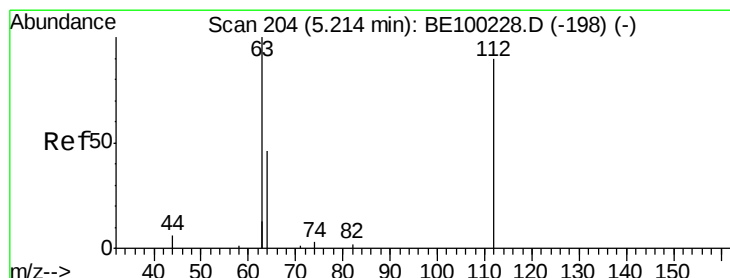
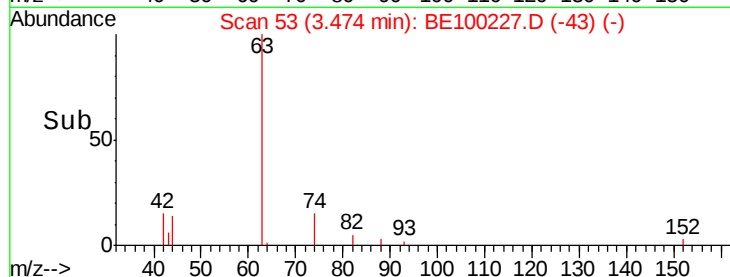
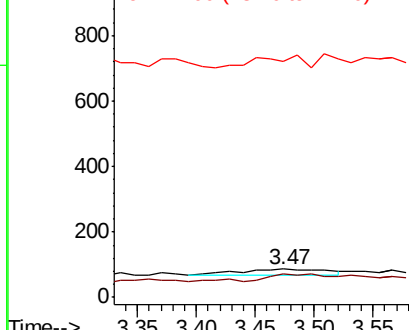
42 100

74 92.7 130.6 196.0#

44 0.0 38.0 57.0#



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: 0.234 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

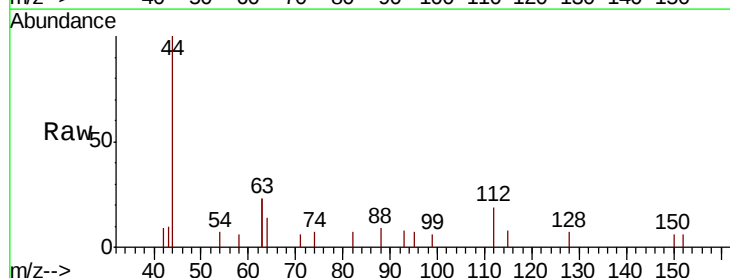
Tgt Ion: 112 Resp: 289

Ion Ratio Lower Upper

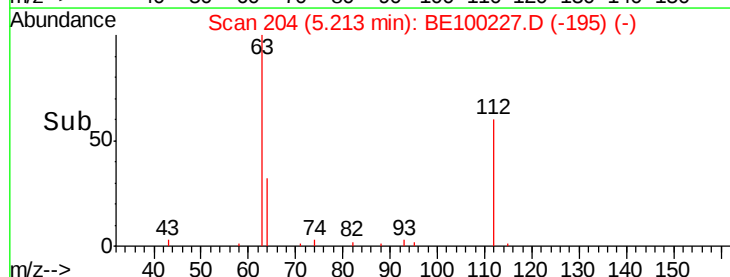
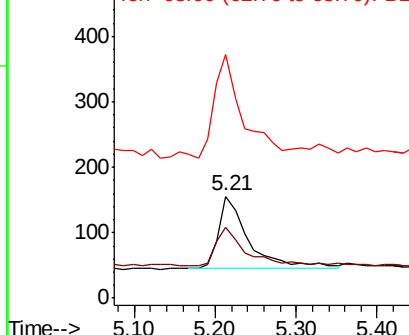
112 100

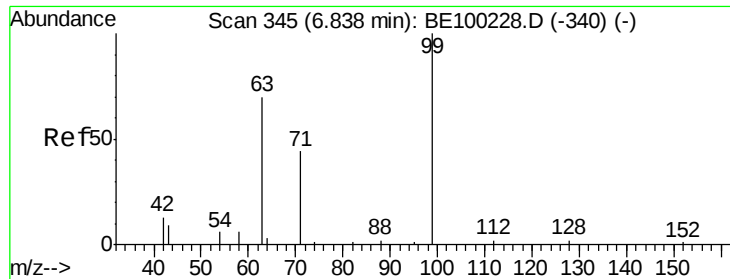
64 52.6 39.4 59.0

63 133.9 104.5 156.7



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: 0.191 ng

RT: 6.86 min Scan# 347

Delta R.T. 0.02 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

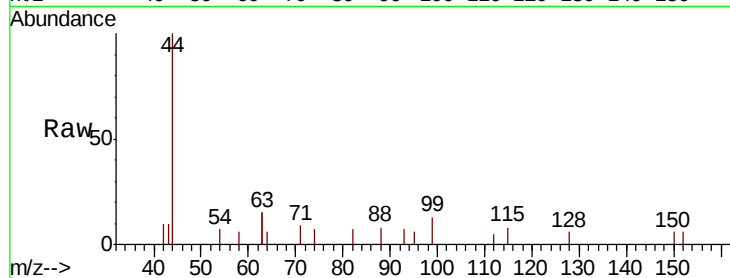
Tot Ion: 99 Resp: 325

Ion Ratio Lower Upper

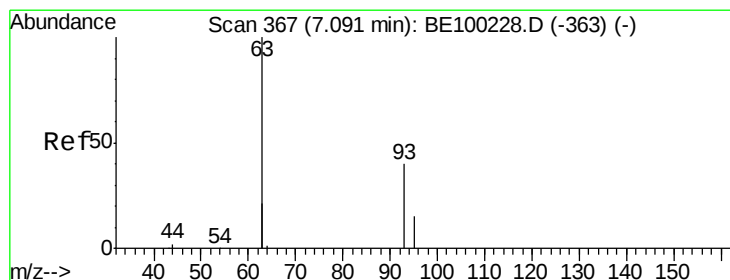
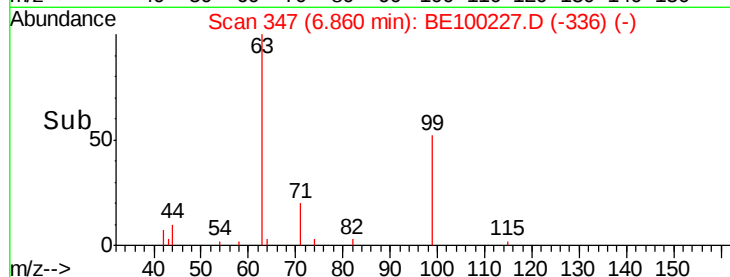
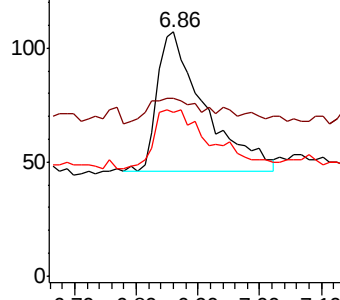
99 100

42 16.9 11.2 16.8#

71 51.4 37.2 55.8



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: 0.182 ng

RT: 7.09 min Scan# 367

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

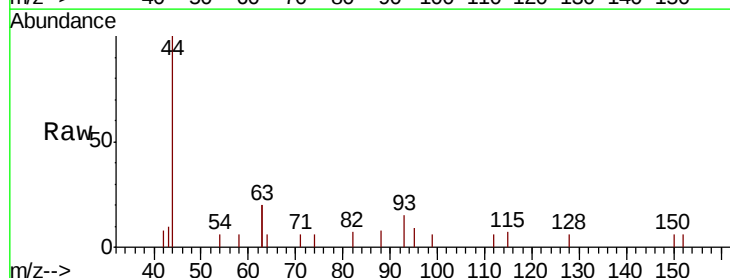
Tgt Ion: 93 Resp: 283

Ion Ratio Lower Upper

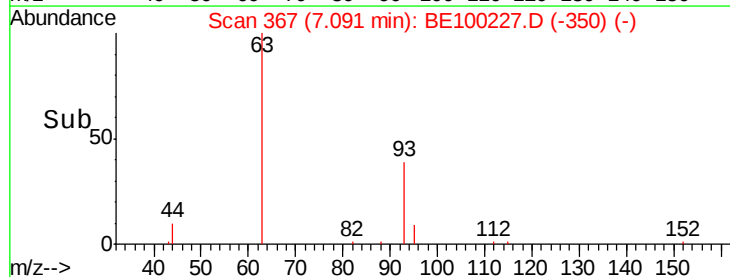
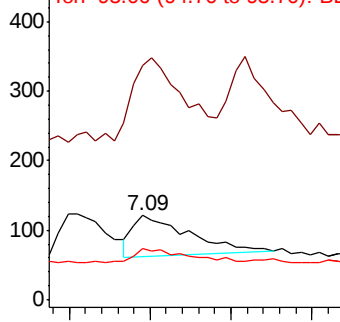
93 100

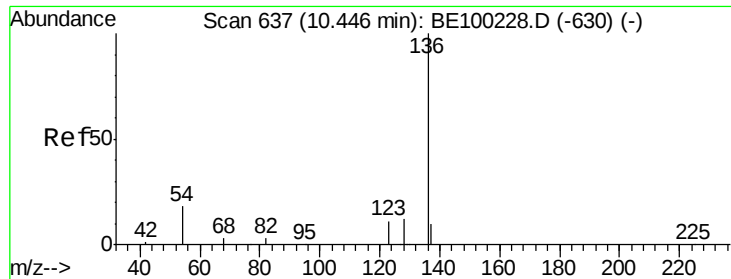
63 190.8 155.6 233.4

95 34.6 23.0 34.4#



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: 10.45 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 2023

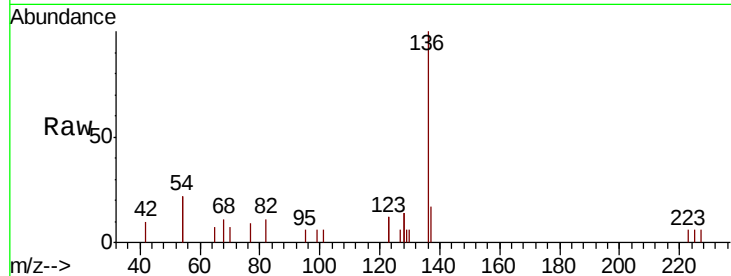
Ion Ratio Lower Upper

136 100

137 17.2 11.8 17.8

54 43.2 27.7 41.5#

68 11.5 6.8 10.2#

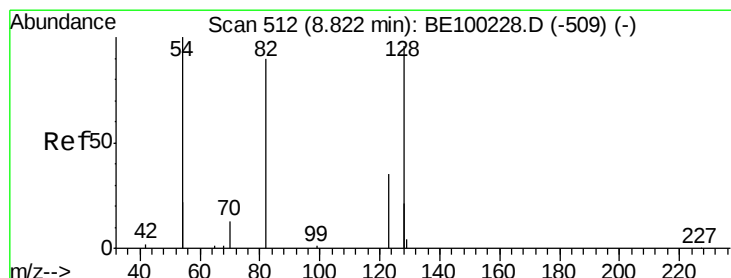
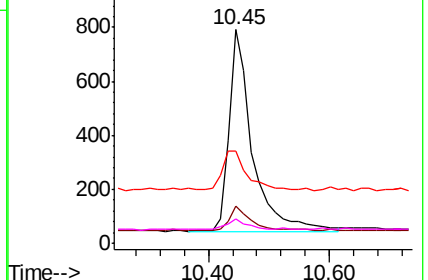
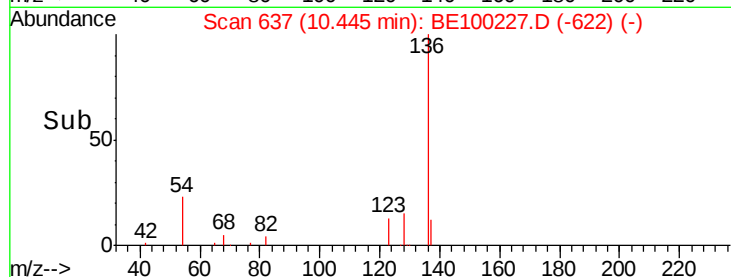


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.178 ng

RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

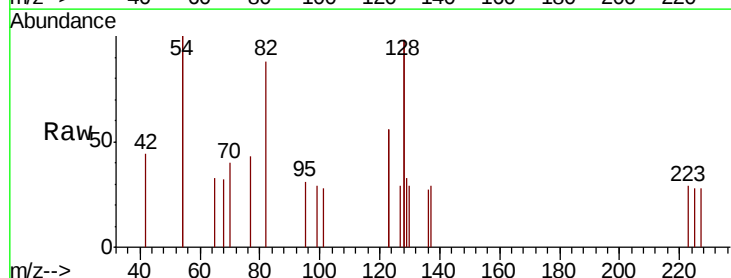
Tgt Ion: 82 Resp: 359

Ion Ratio Lower Upper

82 100

128 222.4 140.9 211.3#

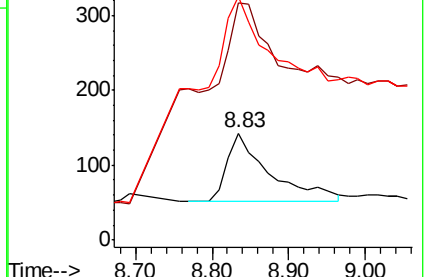
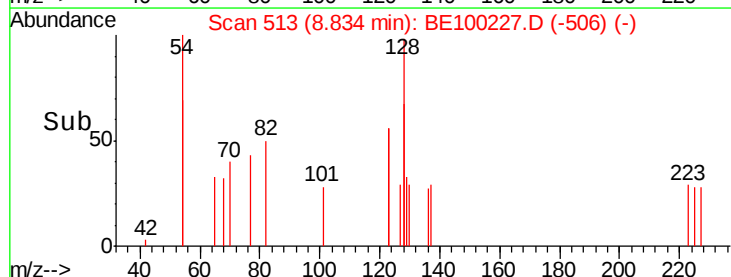
54 228.0 146.2 219.2#

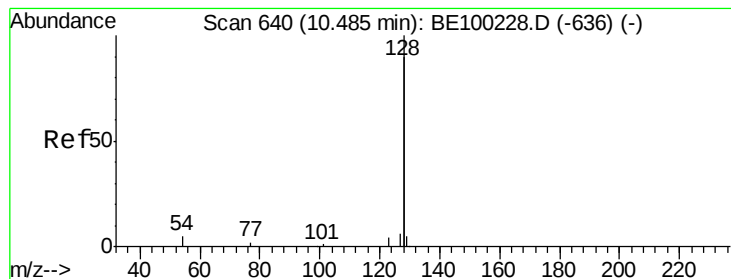


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.198 ng

RT: 10.50 min Scan# 641

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

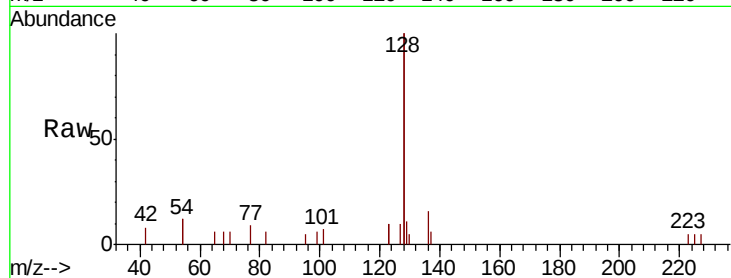
Tot Ion:128 Resp: 4382

Ion Ratio Lower Upper

128 100

129 5.3 3.0 4.6#

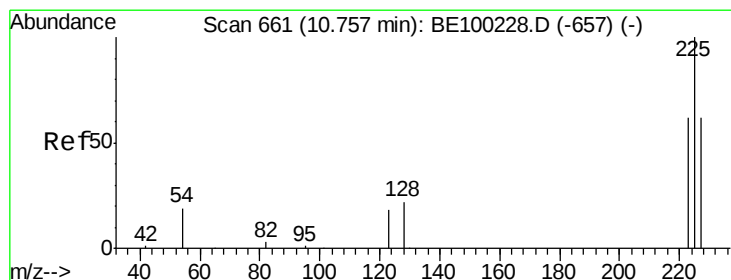
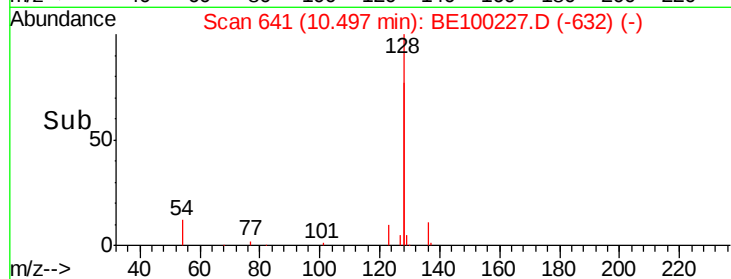
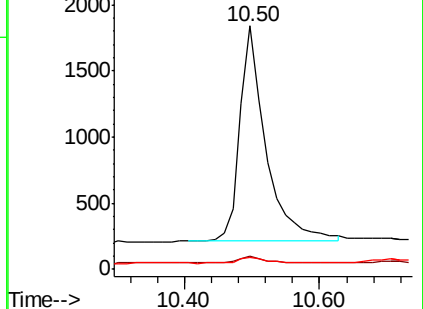
127 5.1 3.5 5.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.187 ng

RT: 10.77 min Scan# 662

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

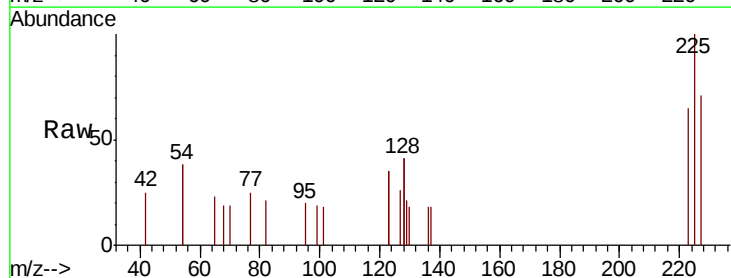
Tgt Ion:225 Resp: 426

Ion Ratio Lower Upper

225 100

223 58.7 49.1 73.7

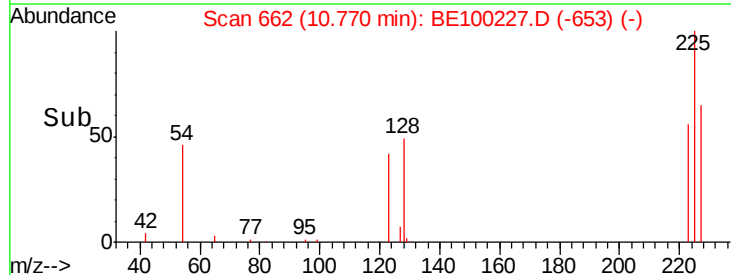
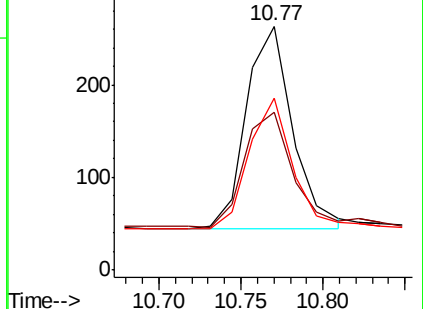
227 61.7 49.3 73.9

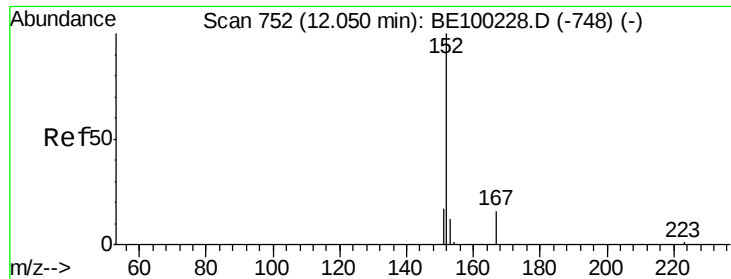


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

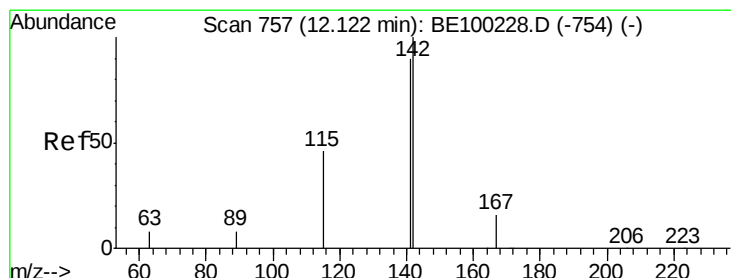
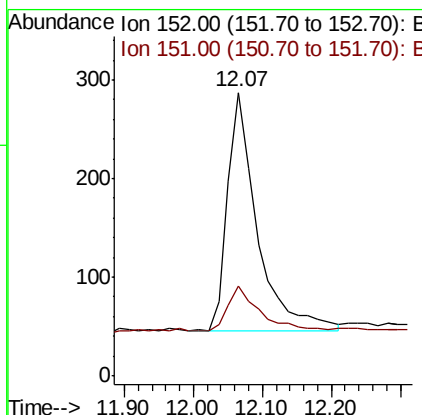
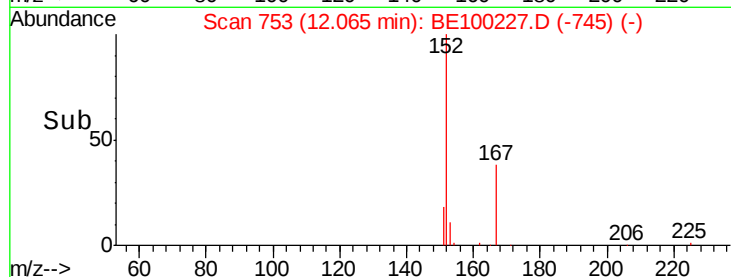
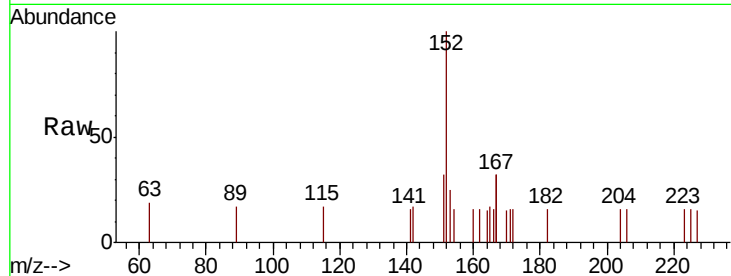




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.189 ng  
 RT: 12.07 min Scan# 753  
 Delta R.T. 0.02 min  
 Lab File: BE100227.D  
 Acq: 28 Jun 2019 9:50

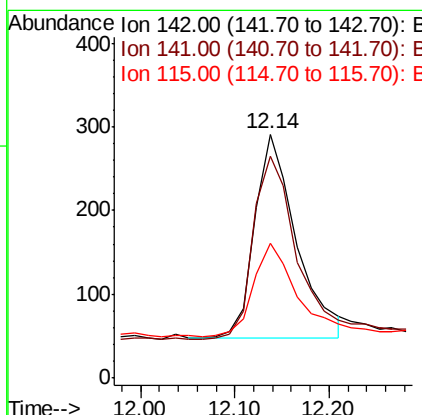
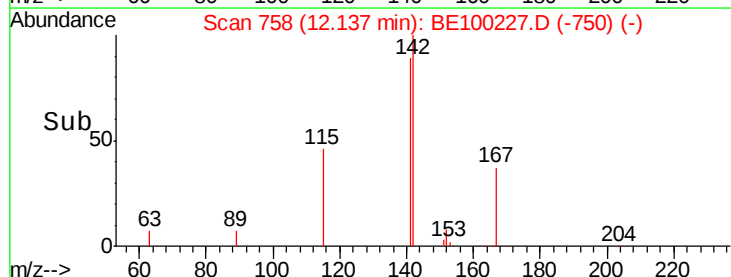
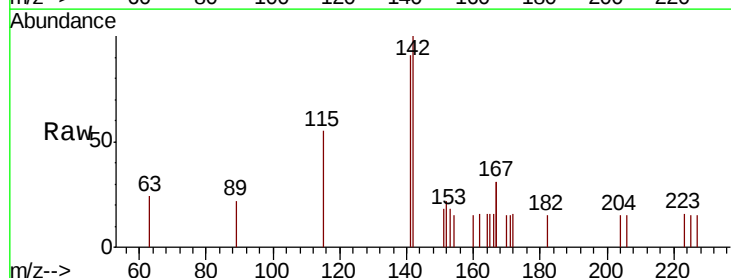
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

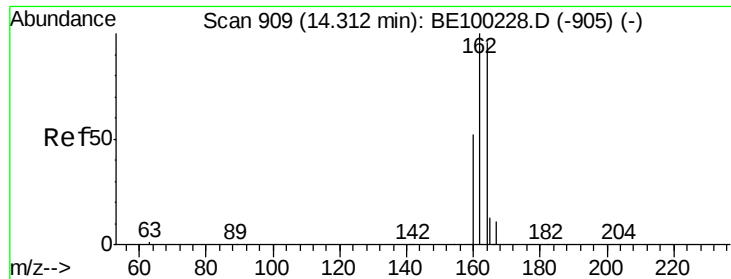
Tot Ion:152 Resp: 718  
 Ion Ratio Lower Upper  
 152 100  
 151 20.9 15.1 22.7



#12  
 2-Methylnaphthalene  
 Concen: 0.213 ng  
 RT: 12.14 min Scan# 758  
 Delta R.T. 0.02 min  
 Lab File: BE100227.D  
 Acq: 28 Jun 2019 9:50

Tgt Ion:142 Resp: 756  
 Ion Ratio Lower Upper  
 142 100  
 141 91.1 72.4 108.6  
 115 55.3 40.4 60.6

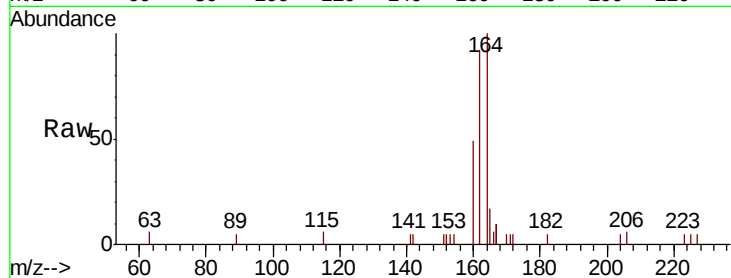




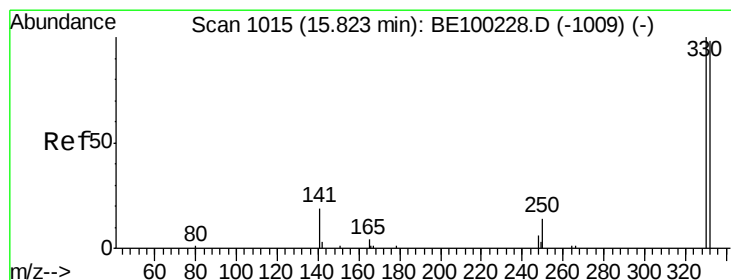
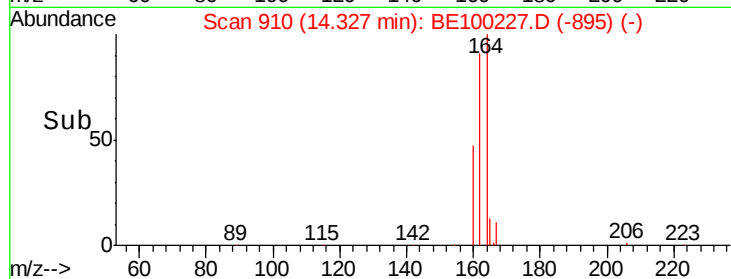
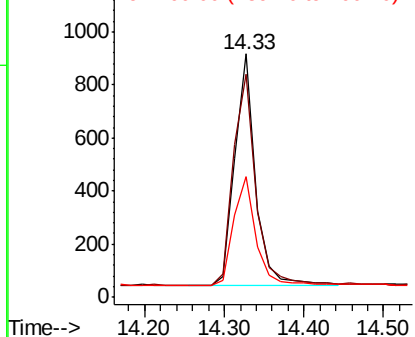
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.33 min Scan# 910  
Delta R.T. 0.02 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

Tot Ion:164 Resp: 1565  
Ion Ratio Lower Upper  
164 100  
162 91.8 83.4 125.0  
160 49.4 45.0 67.6

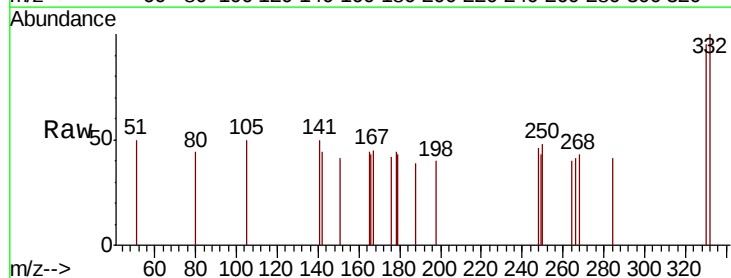


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

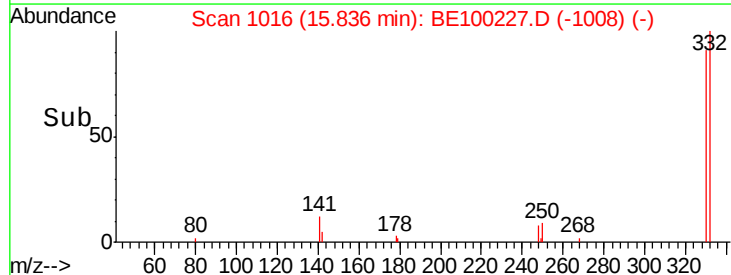
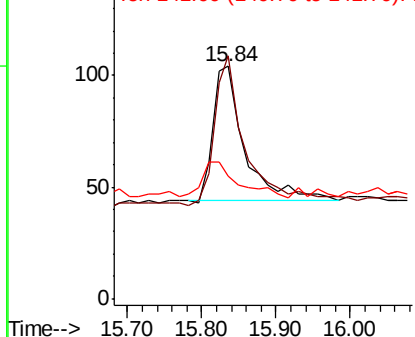


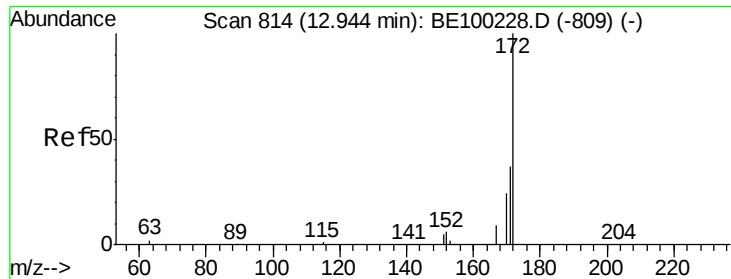
#14  
2,4,6-Tribromophenol  
Concen: 0.198 ng  
RT: 15.84 min Scan# 1016  
Delta R.T. 0.01 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

Tgt Ion:330 Resp: 179  
Ion Ratio Lower Upper  
330 100  
332 115.6 77.0 115.4#  
141 0.0 22.0 33.0#



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

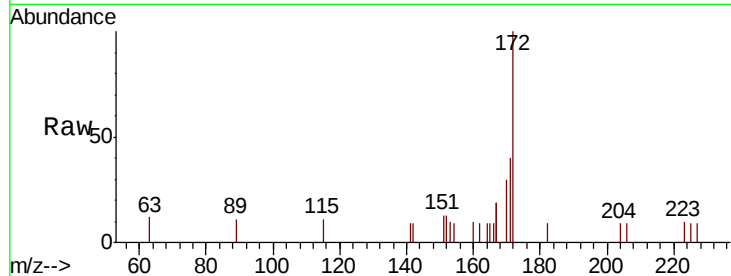




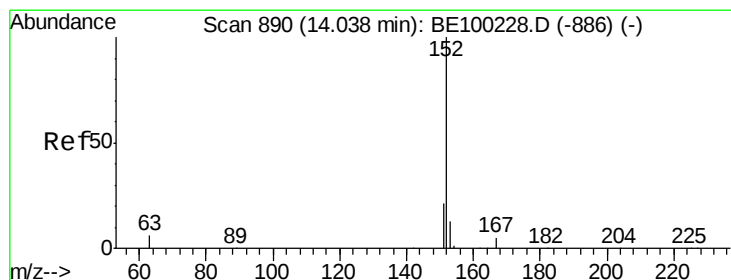
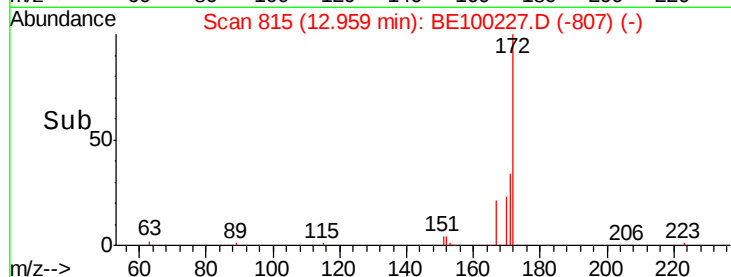
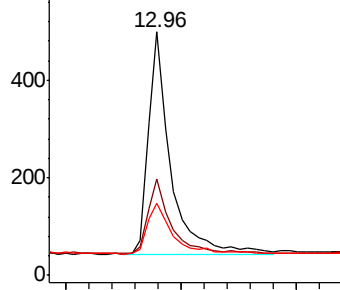
#15  
2-Fluorobiphenyl  
Concen: 0.193 ng  
RT: 12.96 min Scan# 815  
Delta R.T. 0.02 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

Tot Ion:172 Resp: 1212  
Ion Ratio Lower Upper  
172 100  
171 39.7 31.9 47.9  
170 29.7 22.2 33.2

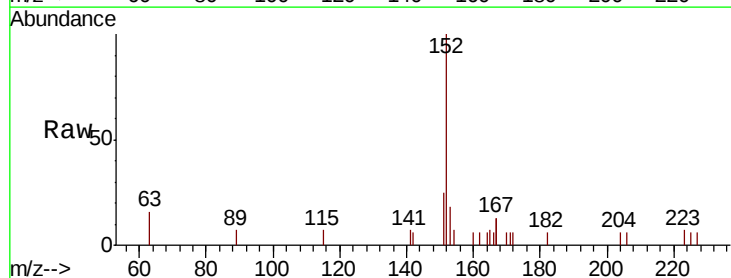


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

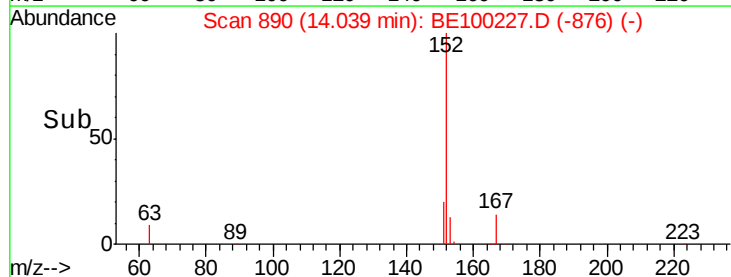
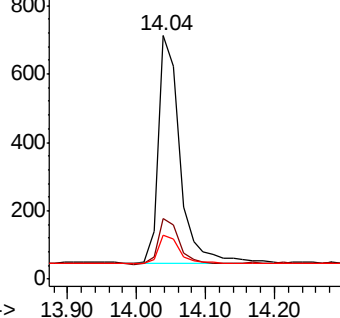


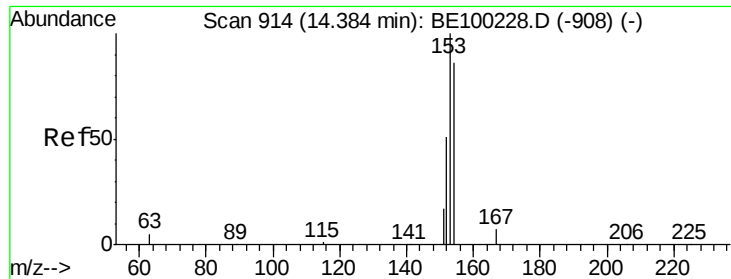
#16  
Acenaphthylene  
Concen: 0.191 ng  
RT: 14.04 min Scan# 890  
Delta R.T. 0.00 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

Tgt Ion:152 Resp: 1456  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.6 25.0  
153 12.5 10.5 15.7



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

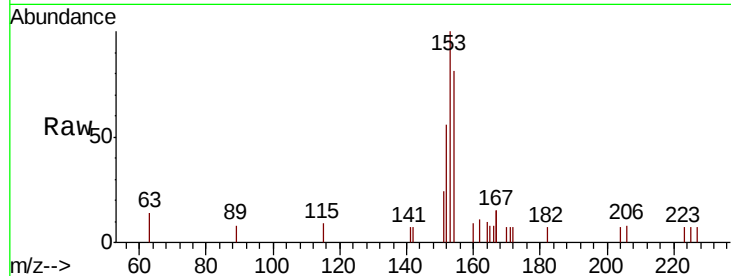




#17  
Acenaphthene  
Concen: 0.192 ng  
RT: 14.38 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 119.4 | 93.4  | 140.2 |
| 152     | 65.8  | 49.4  | 74.2  |

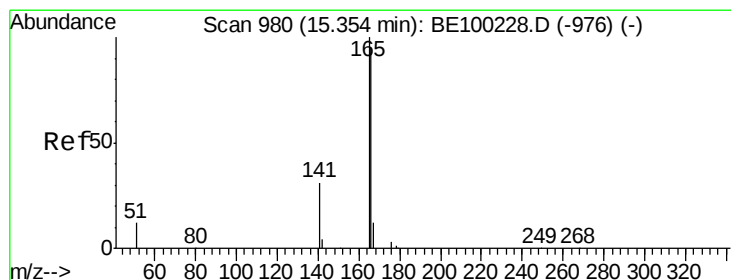
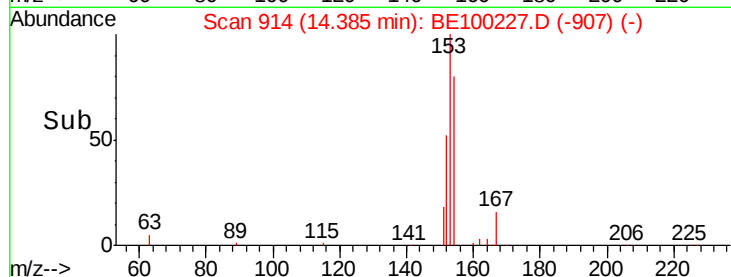
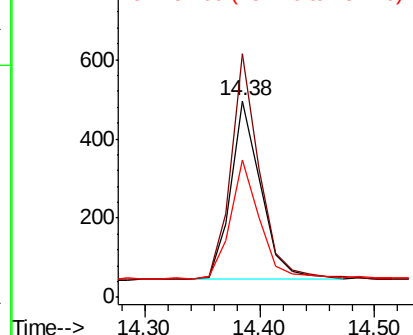


Abundance

Ion 154.00 (153.70 to 154.70): E

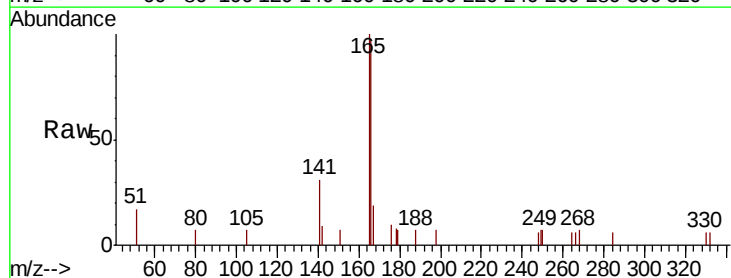
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18  
Fluorene  
Concen: 0.194 ng  
RT: 15.37 min Scan# 981  
Delta R.T. 0.01 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 105.7 | 81.1  | 121.7 |
| 167     | 14.6  | 10.7  | 16.1  |

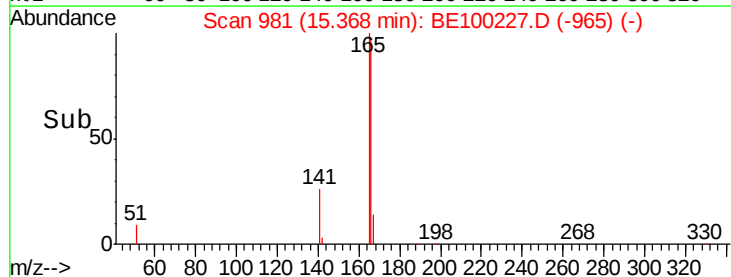
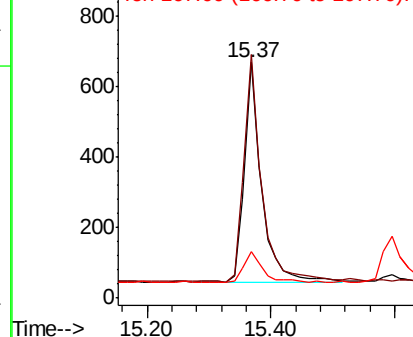


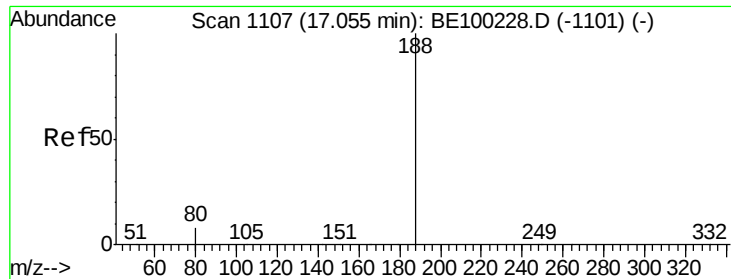
Abundance

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: 17.07 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

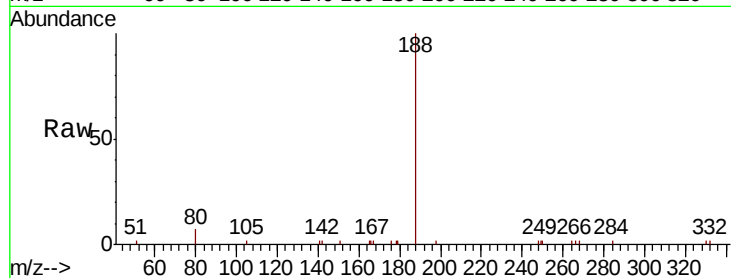
Tot Ion:188 Resp: 4865

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

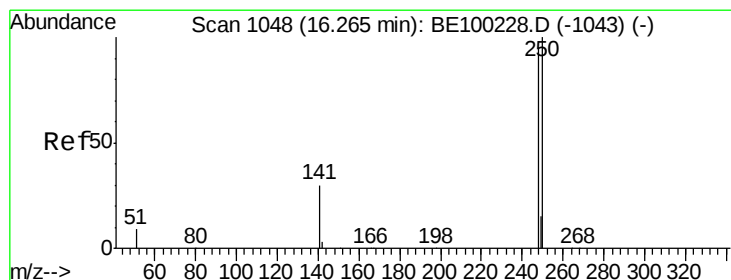
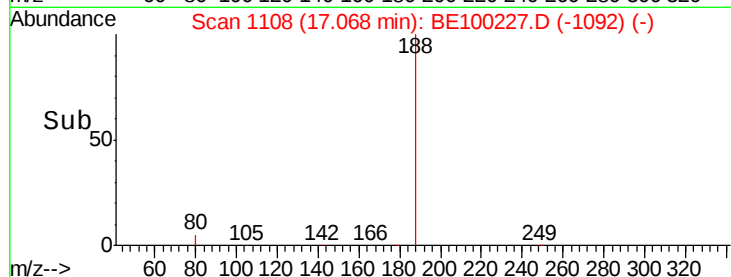
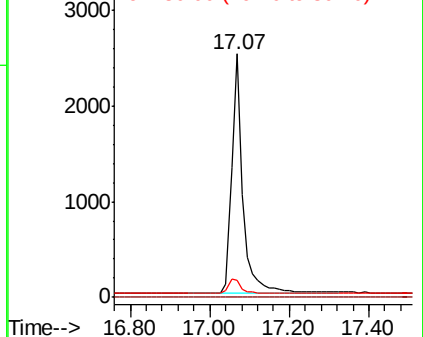
80 7.2 7.6 11.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.200 ng

RT: 16.26 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

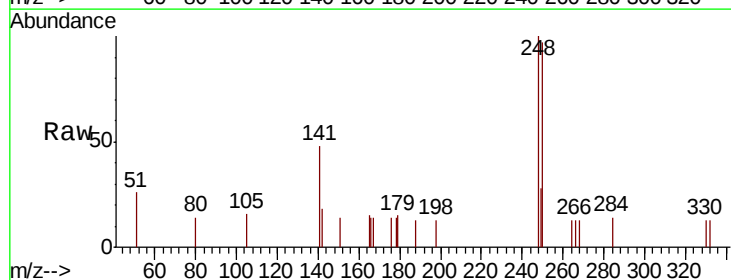
Tgt Ion:248 Resp: 605

Ion Ratio Lower Upper

248 100

250 97.3 84.2 126.4

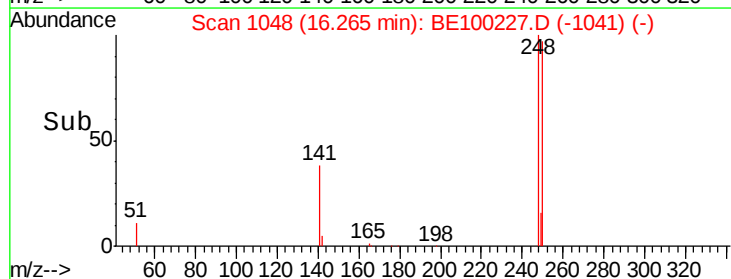
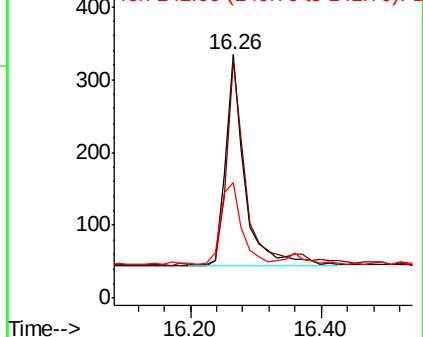
141 47.6 29.3 43.9#

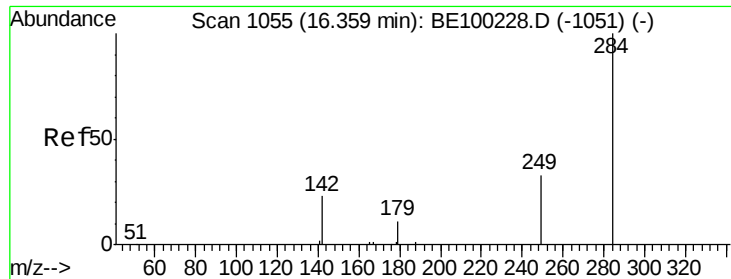


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.186 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

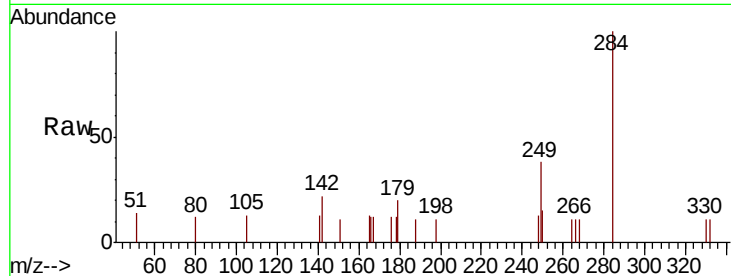
Tot Ion:284 Resp: 617

Ion Ratio Lower Upper

284 100

142 22.7 18.8 28.2

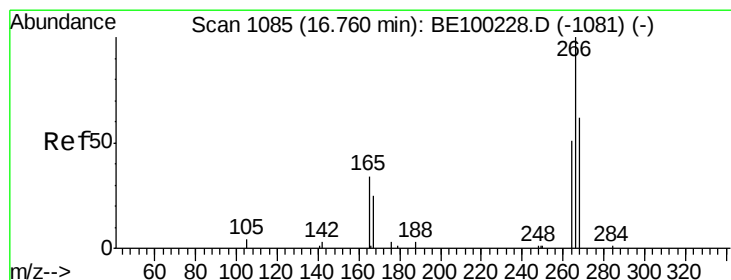
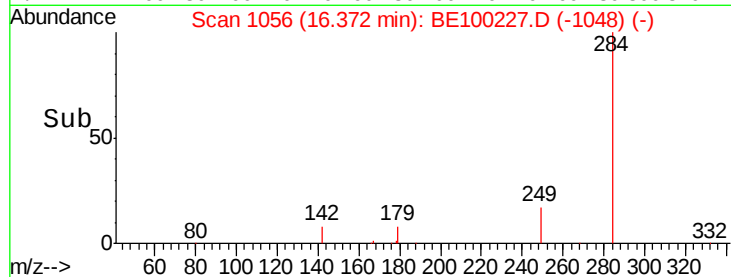
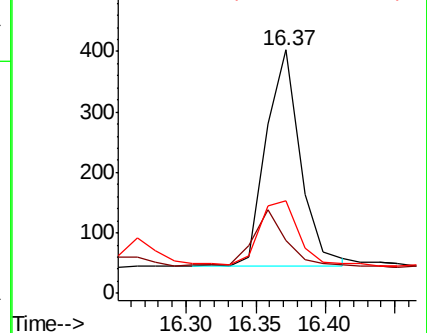
249 31.4 23.7 35.5



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: 0.213 ng

RT: 16.80 min Scan# 1088

Delta R.T. 0.04 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

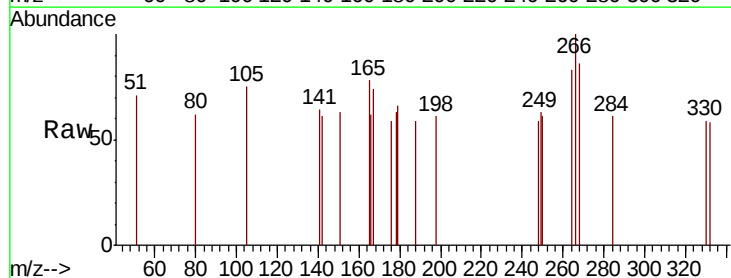
Tgt Ion:266 Resp: 166

Ion Ratio Lower Upper

266 100

264 82.9 56.2 84.2

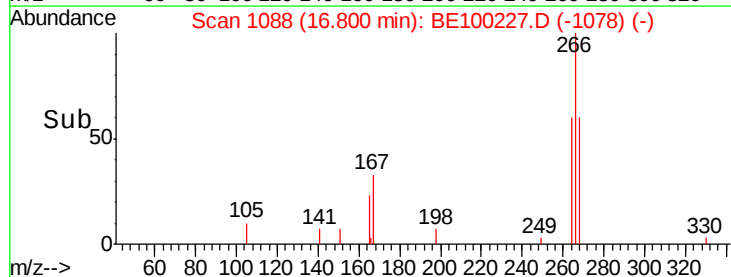
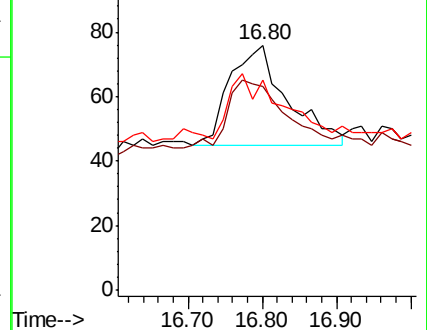
268 85.5 61.8 92.6

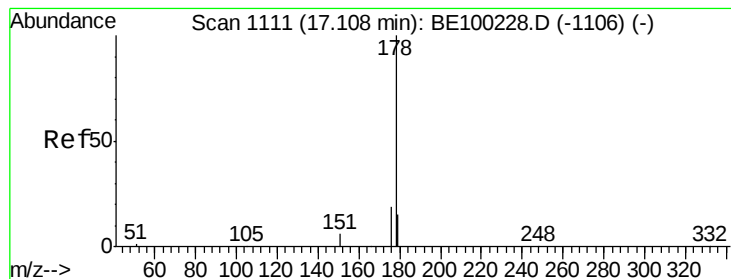


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.191 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

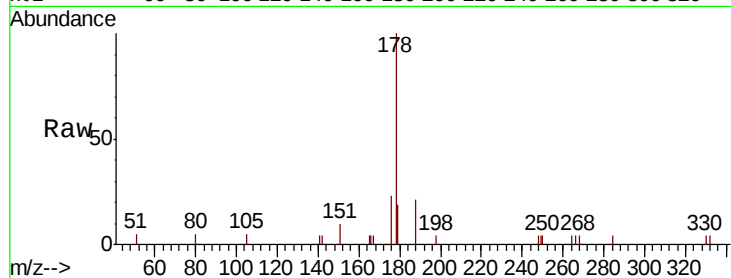
Tot Ion:178 Resp: 2199

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

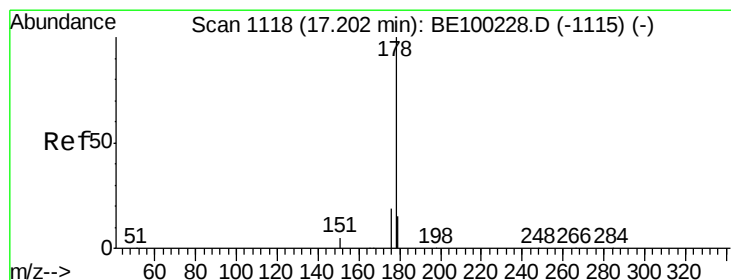
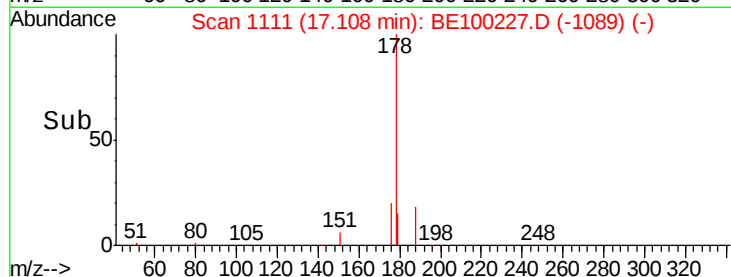
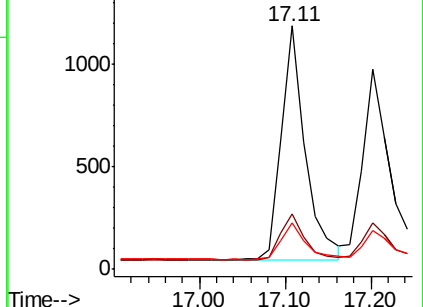
179 16.4 12.2 18.2



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: 0.193 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

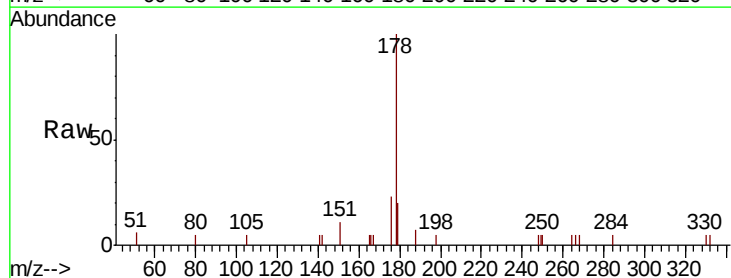
Tgt Ion:178 Resp: 1881

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

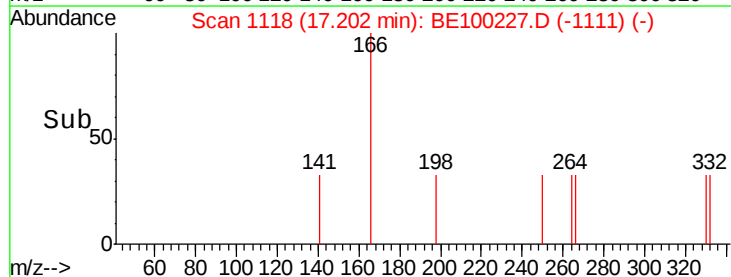
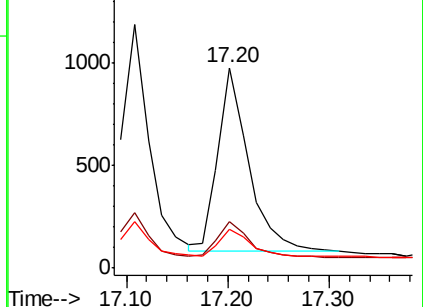
179 14.9 12.2 18.2

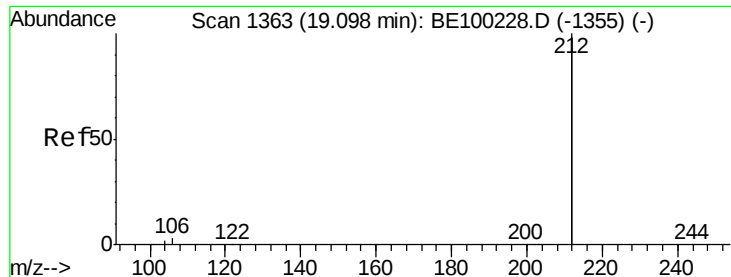


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.193 ng

RT: 19.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

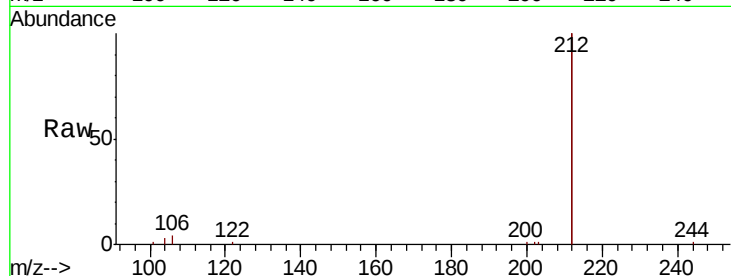
Tot Ion:212 Resp: 13531

Ion Ratio Lower Upper

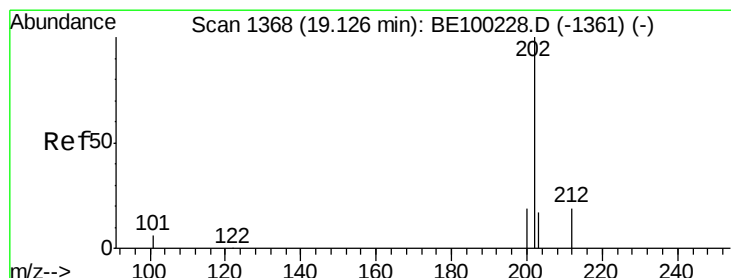
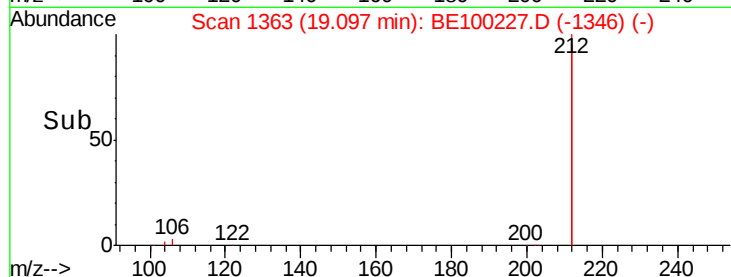
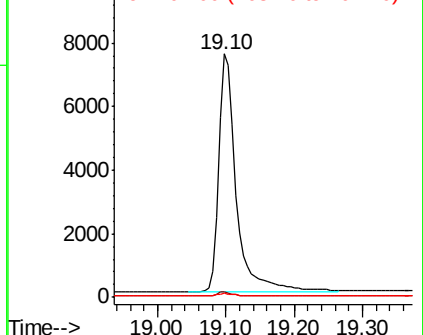
212 100

106 1.6 1.3 1.9

104 0.9 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: 0.188 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

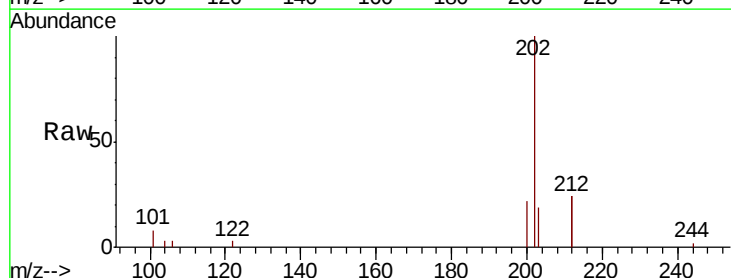
Tgt Ion:202 Resp: 3529

Ion Ratio Lower Upper

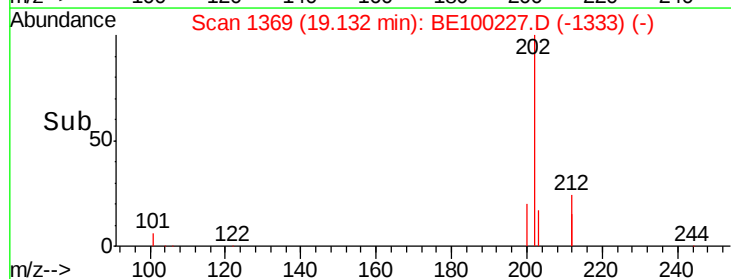
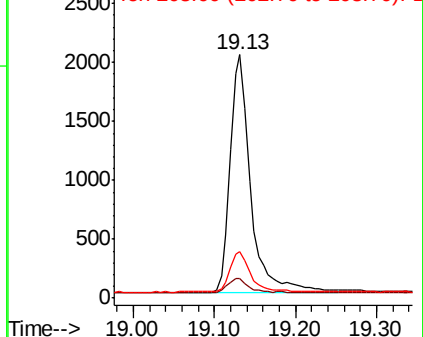
202 100

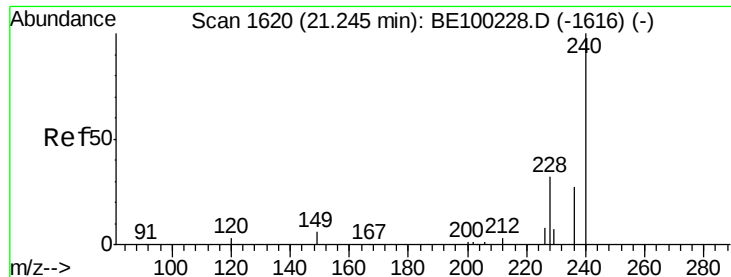
101 5.9 4.6 7.0

203 16.9 13.7 20.5



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

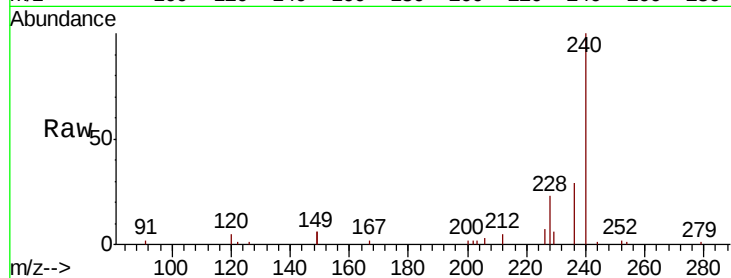




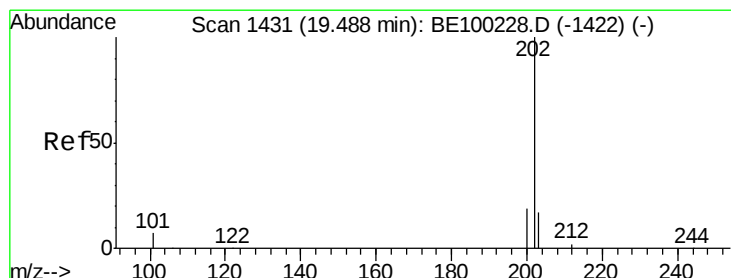
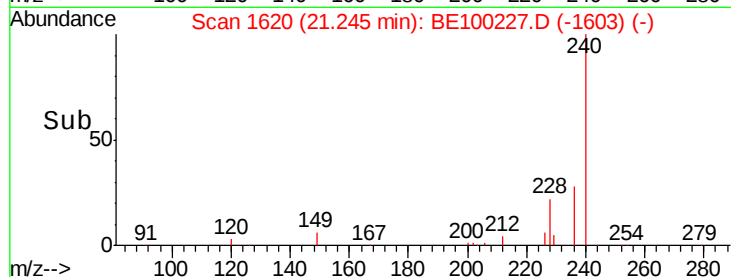
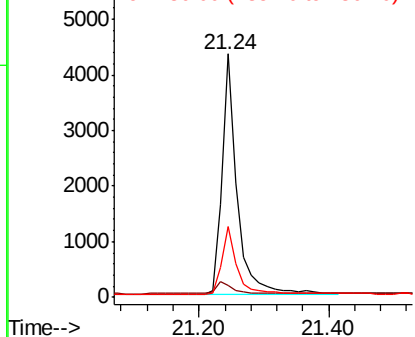
#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.24 min Scan# 1620  
Delta R.T. 0.00 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

Tot Ion:240 Resp: 7139  
Ion Ratio Lower Upper  
240 100  
120 4.7 3.3 4.9  
236 28.9 22.6 34.0

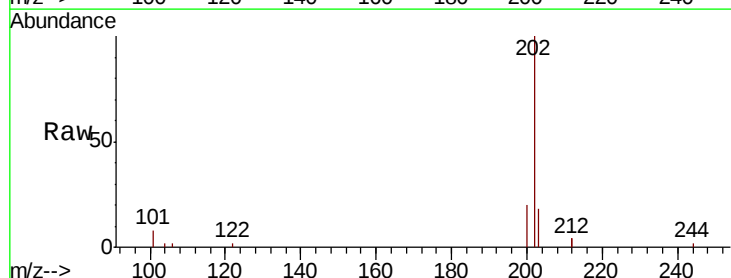


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

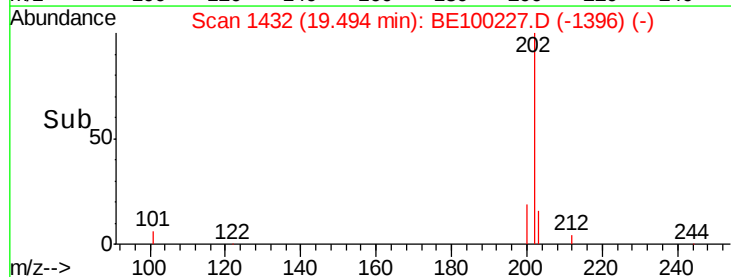
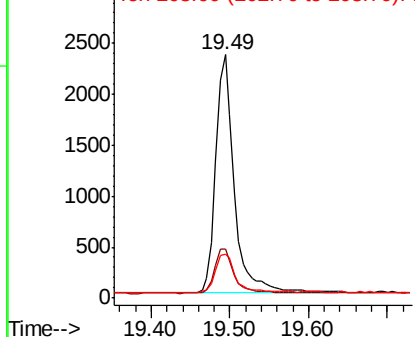


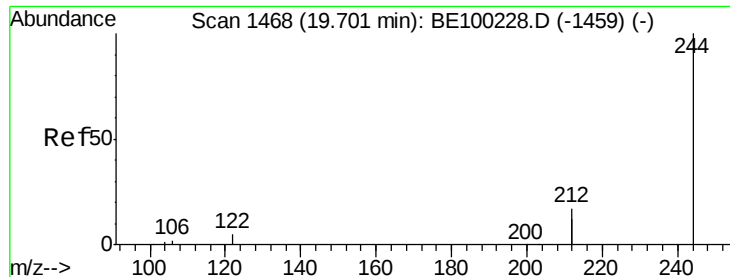
#28  
Pyrene  
Concen: 0.206 ng  
RT: 19.49 min Scan# 1432  
Delta R.T. 0.01 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

Tgt Ion:202 Resp: 3775  
Ion Ratio Lower Upper  
202 100  
200 19.5 15.6 23.4  
203 18.1 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: 0.208 ng

RT: 19.70 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

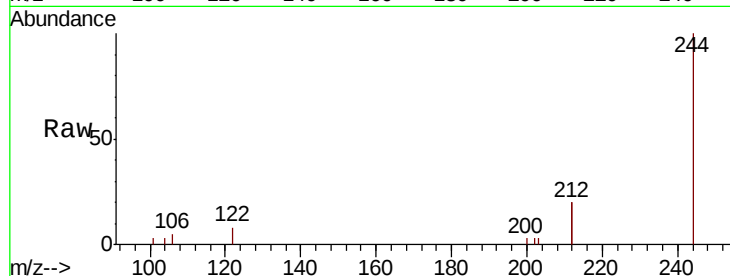
Tot Ion:244 Resp: 2914

Ion Ratio Lower Upper

244 100

212 40.1 27.3 40.9

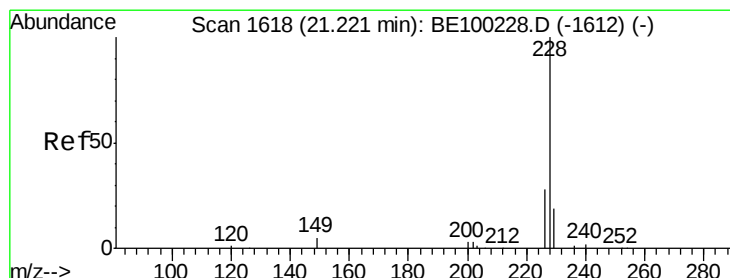
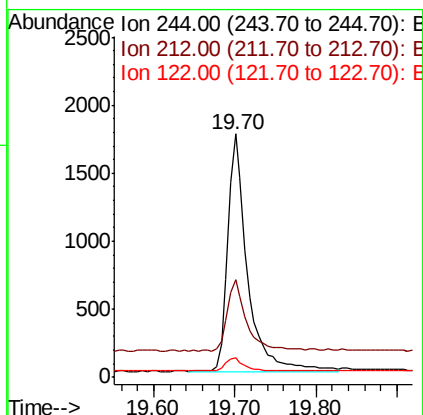
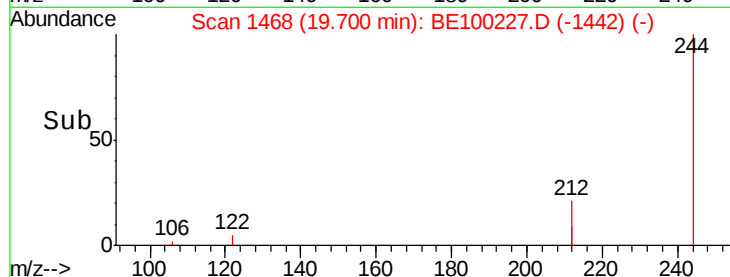
122 8.0 4.7 7.1#



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: 0.215 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

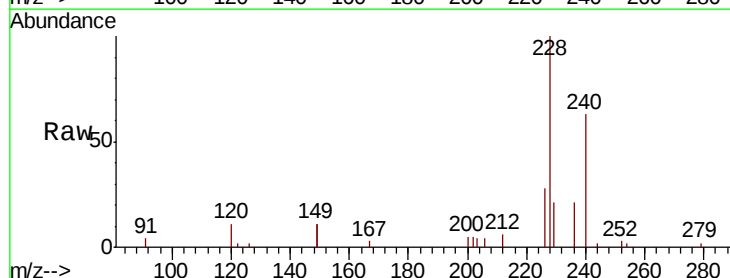
Tgt Ion:228 Resp: 4524

Ion Ratio Lower Upper

228 100

226 28.1 23.2 34.8

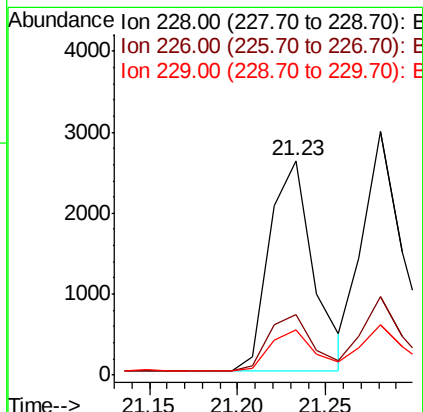
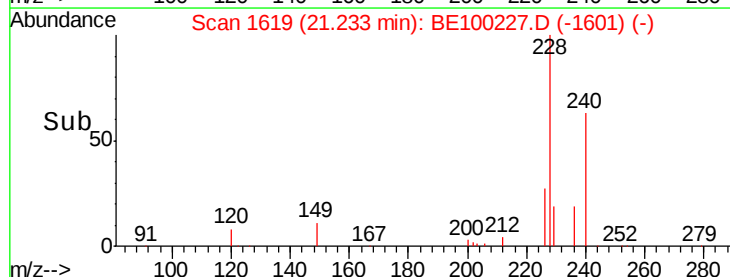
229 21.1 15.7 23.5

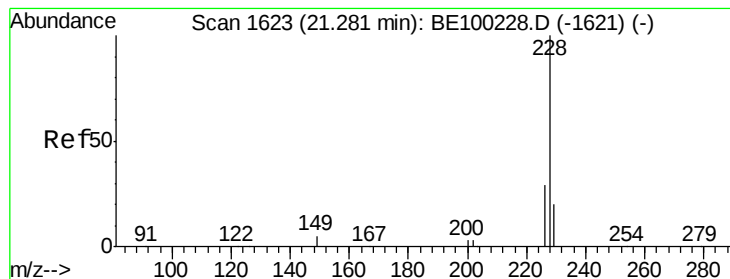


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.191 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.2

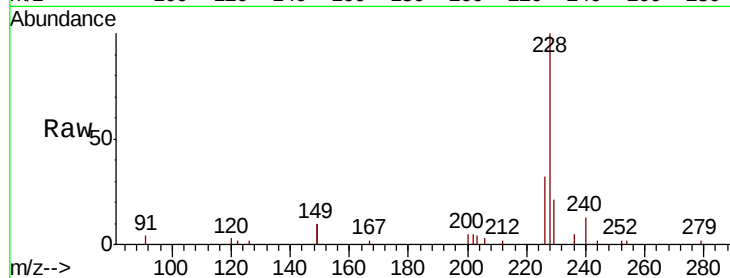
Tot Ion:228 Resp: 4706

Ion Ratio Lower Upper

228 100

226 32.0 23.9 35.9

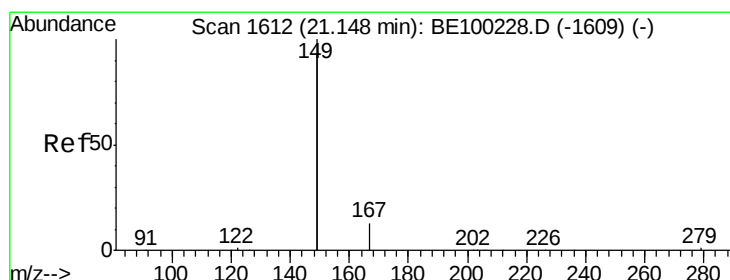
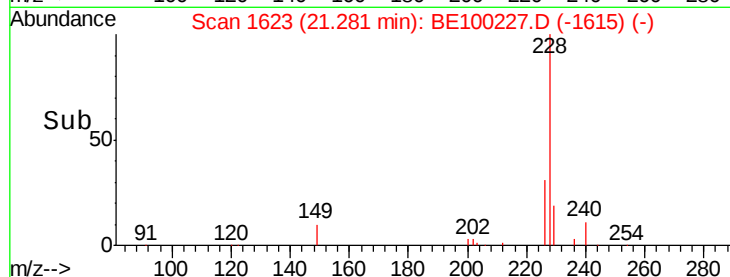
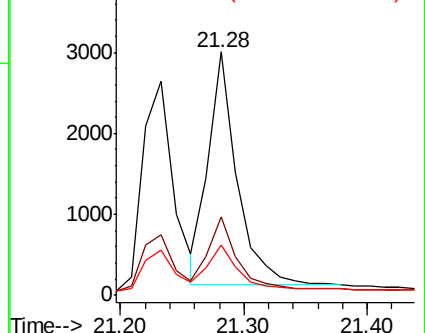
229 20.9 16.5 24.7



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: 0.404 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

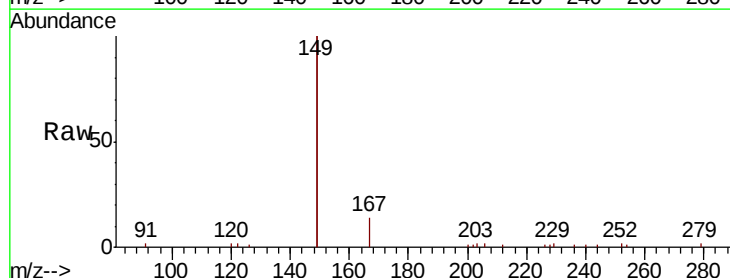
Tgt Ion:149 Resp: 9769

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.8

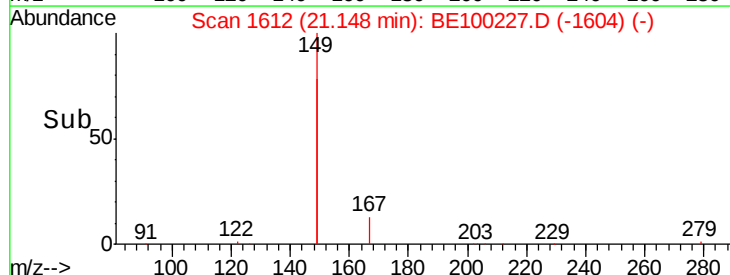
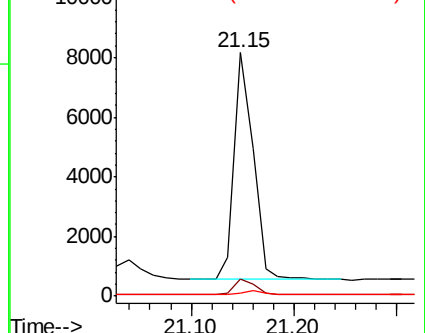
279 1.7 1.1 1.7#

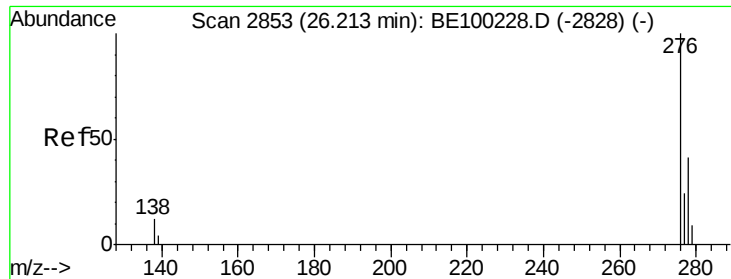


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

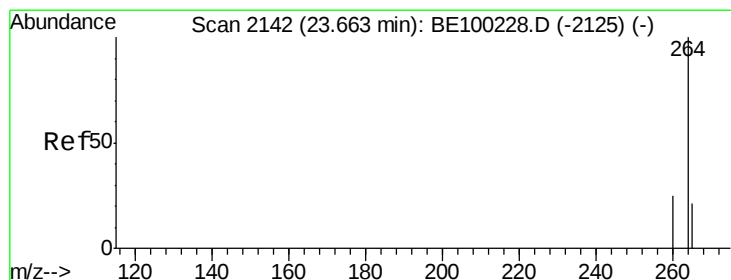
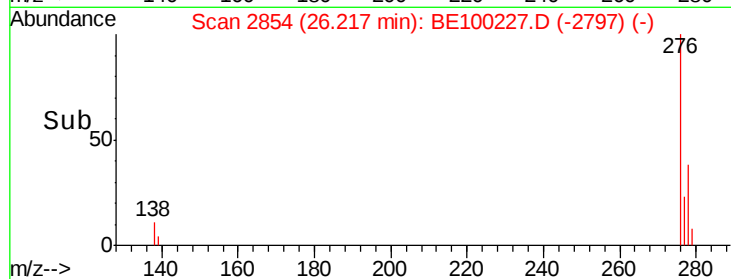
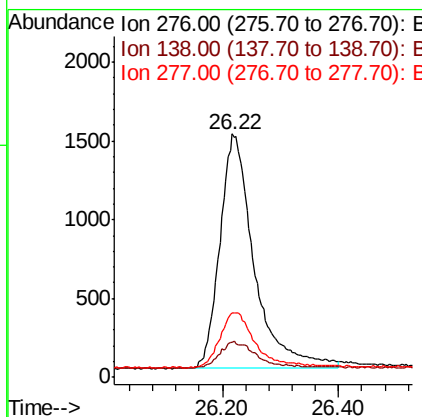
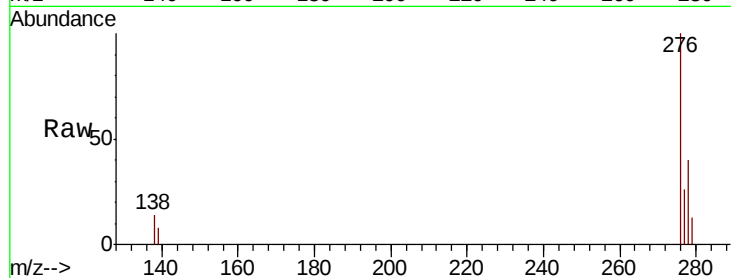




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.174 ng  
 RT: 26.22 min Scan# 2854  
 Delta R.T. 0.00 min  
 Lab File: BE100227.D  
 Acq: 28 Jun 2019 9:50

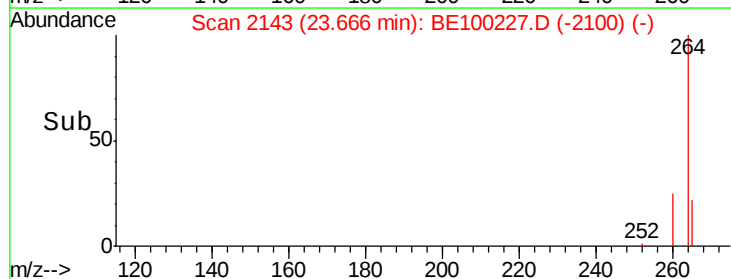
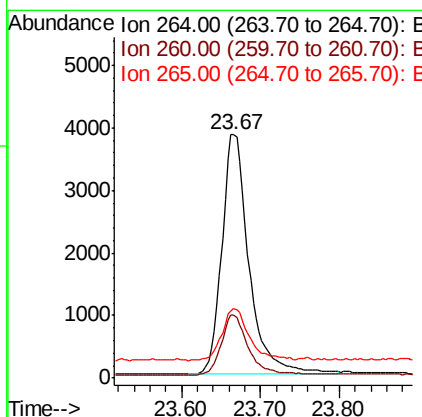
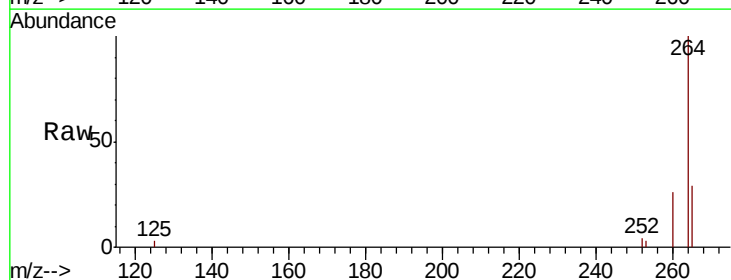
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

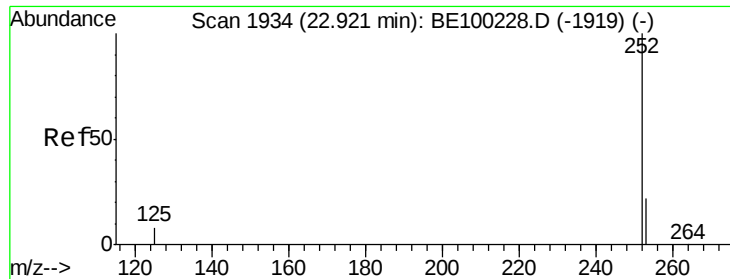
Tot Ion:276 Resp: 6125  
 Ion Ratio Lower Upper  
 276 100  
 138 11.5 9.4 14.0  
 277 23.4 19.2 28.8



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.67 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: BE100227.D  
 Acq: 28 Jun 2019 9:50

Tgt Ion:264 Resp: 9208  
 Ion Ratio Lower Upper  
 264 100  
 260 26.0 20.8 31.2  
 265 28.8 21.8 32.6

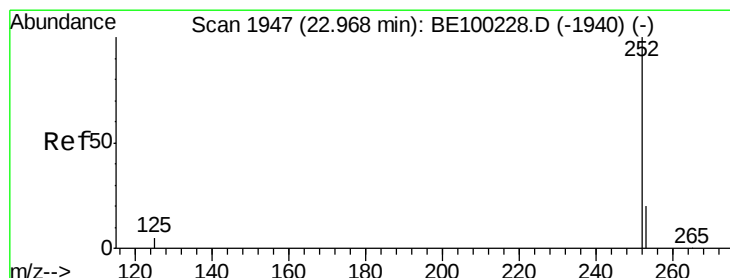
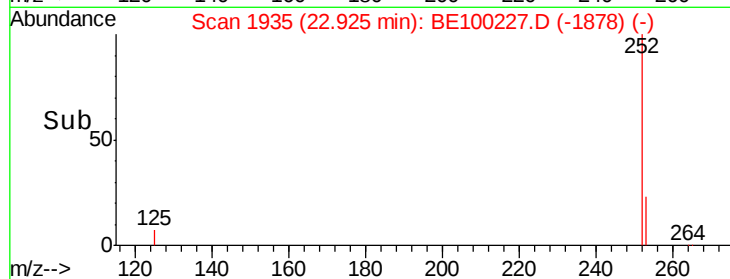
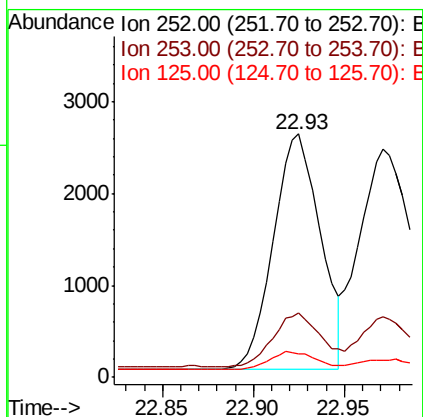
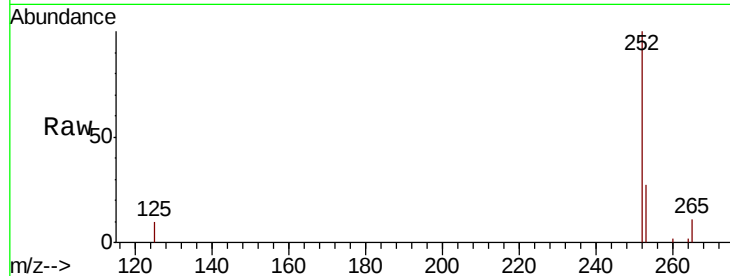




#35  
Benzo(b)fluoranthene  
Concen: 0.186 ng  
RT: 22.93 min Scan# 1935  
Delta R.T. 0.00 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

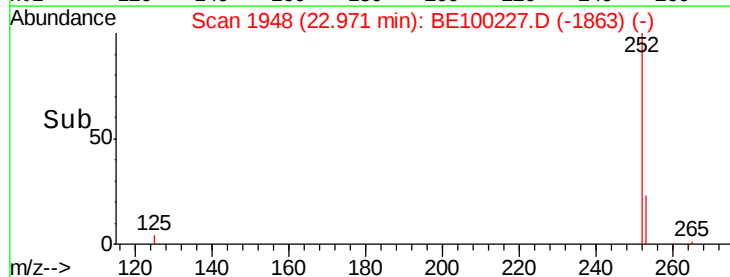
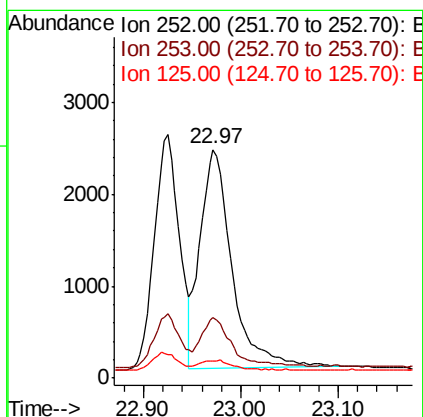
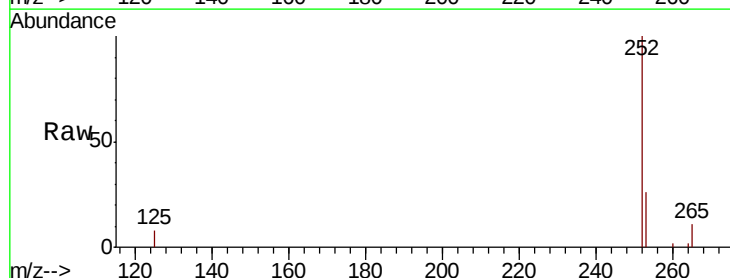
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

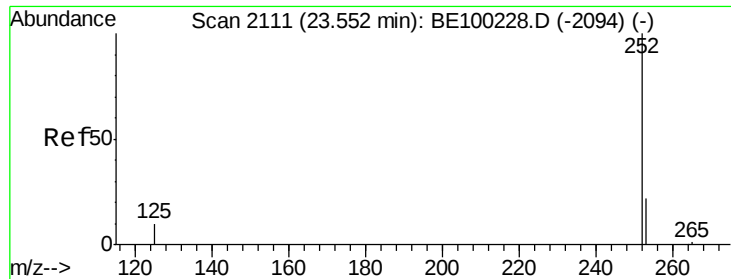
Tot Ion:252 Resp: 4603  
Ion Ratio Lower Upper  
252 100  
253 26.6 19.2 28.8  
125 9.8 7.4 11.0



#36  
Benzo(k)fluoranthene  
Concen: 0.183 ng  
RT: 22.97 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: BE100227.D  
Acq: 28 Jun 2019 9:50

Tgt Ion:252 Resp: 5421  
Ion Ratio Lower Upper  
252 100  
253 26.3 17.9 26.9  
125 7.7 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.187 ng

RT: 23.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

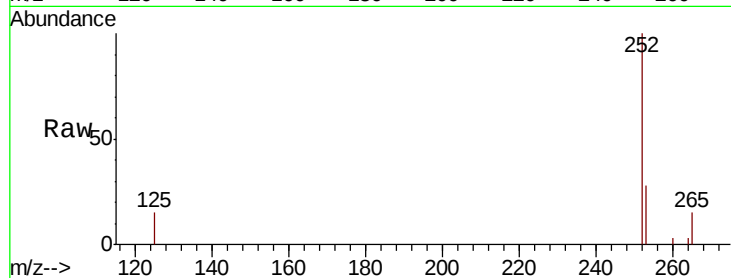
Tot Ion:252 Resp: 4803

Ion Ratio Lower Upper

252 100

253 27.9 19.6 29.4

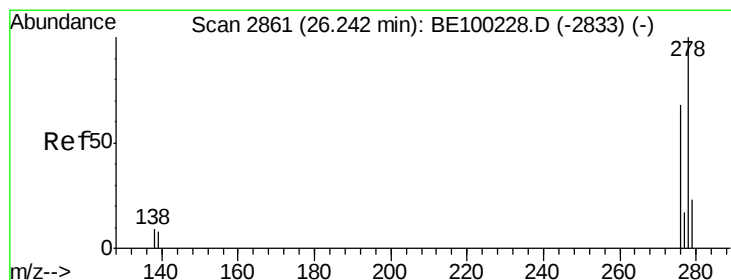
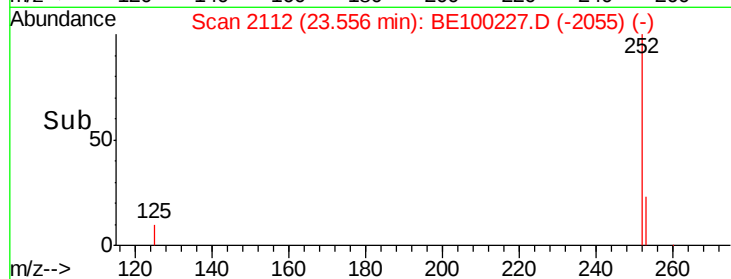
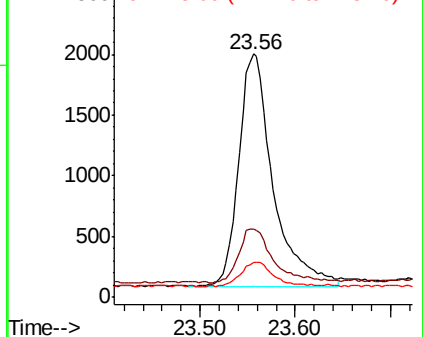
125 14.6 9.0 13.6#



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: 0.177 ng

RT: 26.25 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

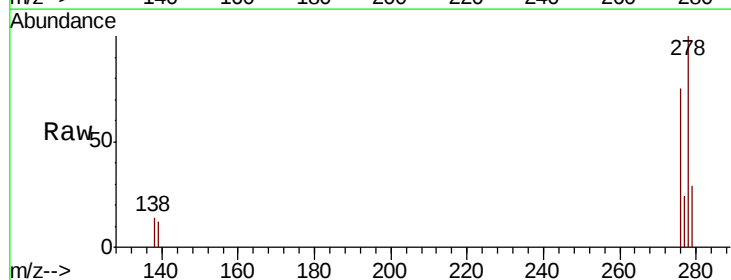
Tgt Ion:278 Resp: 4866

Ion Ratio Lower Upper

278 100

139 11.9 8.2 12.2

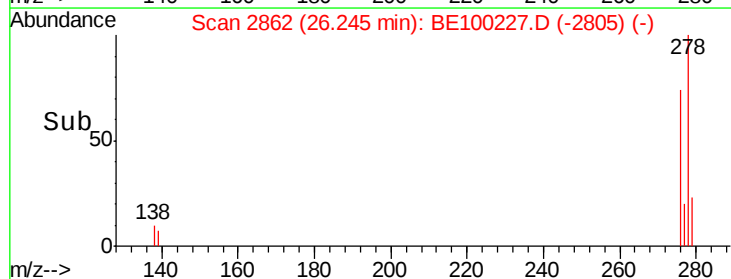
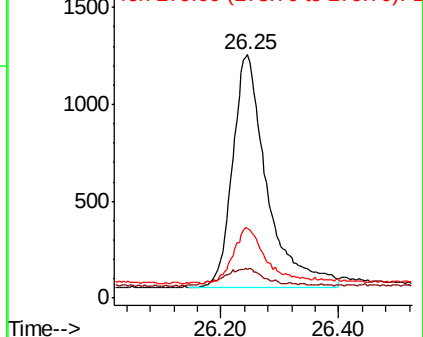
279 28.6 20.3 30.5

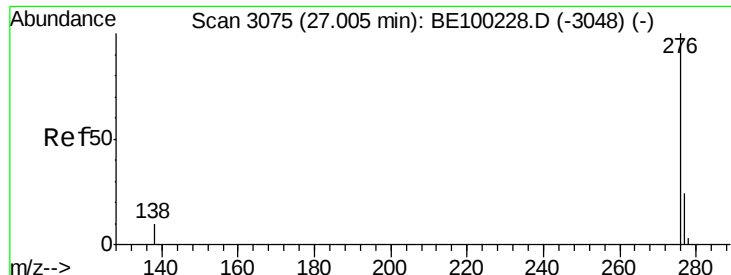


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.177 ng

RT: 27.01 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BE100227.D

Acq: 28 Jun 2019 9:50

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

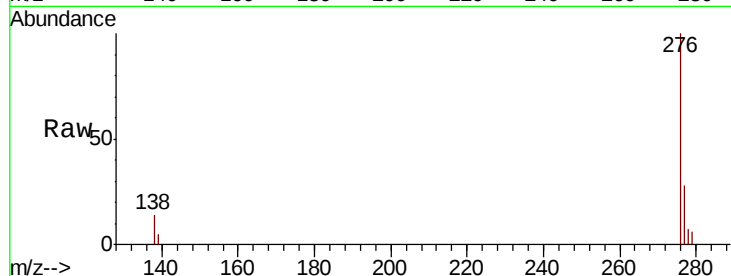
Tot Ion: 276 Resp: 5086

Ion Ratio Lower Upper

276 100

277 27.5 20.2 30.2

138 13.8 9.0 13.6



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

