

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\  
 Data File : BE100480.D  
 Acq On : 22 Jul 2019 14:28  
 Operator : HP/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Jul 22 15:52:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 22 15:44:08 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.87  | 152  | 3194     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.67 | 136  | 13839    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.50 | 164  | 9016     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.21 | 188  | 24141    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.38 | 240  | 28524    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.86 | 264  | 30274    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.46  | 112 | 6126   | 0.77 | ng | 0.00 |
| 5) Phenol-d6                | 7.03  | 99  | 9137   | 0.82 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.02  | 82  | 9119   | 0.82 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.25 | 152 | 17706  | 0.80 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.97 | 330 | 3092   | 0.82 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.13 | 172 | 28716  | 0.77 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.24 | 212 | 250756 | 0.74 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.83 | 244 | 54764  | 0.83 | ng | 0.00 |

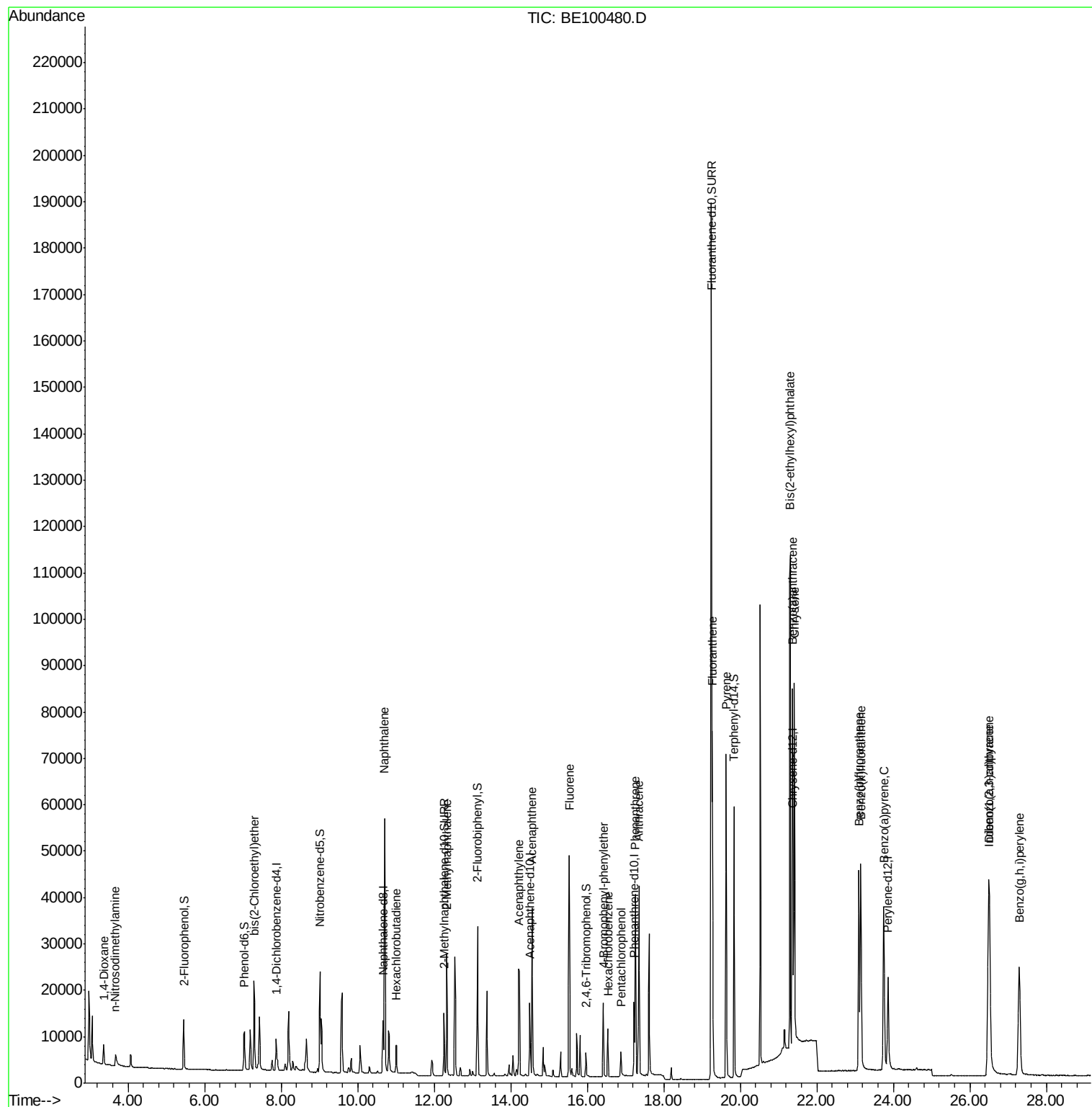
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.36  | 88  | 3369   | 0.687  | ng | 95   |
| 3) n-Nitrosodimethylamine      | 3.67  | 42  | 2178   | 0.768  | ng | # 97 |
| 6) bis(2-Chloroethyl)ether     | 7.29  | 93  | 7797   | 0.806  | ng | 99   |
| 9) Naphthalene                 | 10.70 | 128 | 102975 | 0.778  | ng | 100  |
| 10) Hexachlorobutadiene        | 11.02 | 225 | 4809   | 0.757  | ng | 99   |
| 12) 2-Methylnaphthalene        | 12.32 | 142 | 18451  | 0.799  | ng | 100  |
| 16) Acenaphthylene             | 14.23 | 152 | 32676  | 0.789  | ng | 99   |
| 17) Acenaphthene               | 14.56 | 154 | 19748  | 0.784  | ng | 97   |
| 18) Fluorene                   | 15.53 | 166 | 26389  | 0.787  | ng | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.42 | 248 | 8943   | 0.803  | ng | 96   |
| 21) Hexachlorobenzene          | 16.55 | 284 | 9046   | 0.779  | ng | 99   |
| 22) Pentachlorophenol          | 16.88 | 266 | 3749   | 0.797  | ng | 96   |
| 23) Phenanthrene               | 17.25 | 178 | 45692  | 0.765  | ng | 99   |
| 24) Anthracene                 | 17.35 | 178 | 44076  | 0.790  | ng | 99   |
| 26) Fluoranthene               | 19.27 | 202 | 65300  | 0.736  | ng | 99   |
| 28) Pyrene                     | 19.63 | 202 | 68262  | 0.814  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.37 | 228 | 66886  | 0.769  | ng | 99   |
| 31) Chrysene                   | 21.42 | 228 | 66632  | 0.768  | ng | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 148700 | 0.770  | ng | # 99 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.49 | 276 | 71440  | 0.762  | ng | 97   |
| 35) Benzo(b)fluoranthene       | 23.10 | 252 | 62791  | 0.751  | ng | # 95 |
| 36) Benzo(k)fluoranthene       | 23.15 | 252 | 68382  | 0.769  | ng | # 91 |
| 37) Benzo(a)pyrene             | 23.75 | 252 | 61704  | 0.765  | ng | # 93 |
| 38) Dibenzo(a,h)anthracene     | 26.52 | 278 | 59082  | 0.777  | ng | # 93 |
| 39) Benzo(g,h,i)perylene       | 27.29 | 276 | 59537  | 0.761  | ng | 96   |

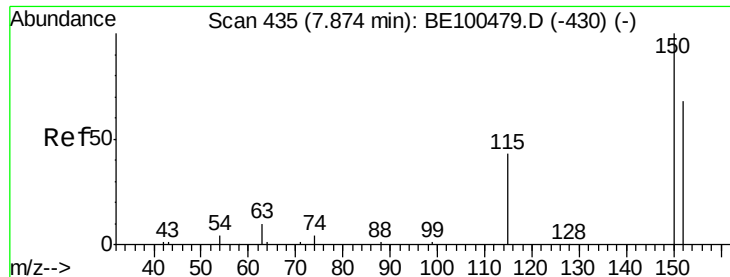
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_E  
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Quant Time: Jul 22 15:52:04 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 22 15:44:08 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

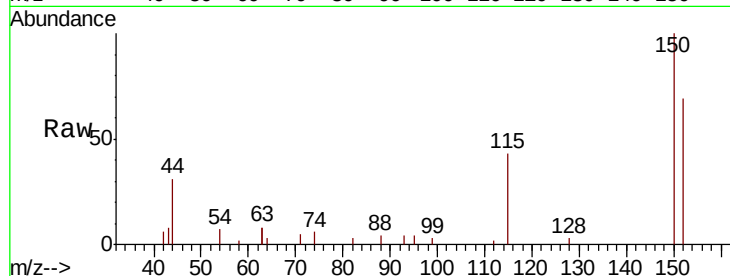
Tot Ion:152 Resp: 3194

Ion Ratio Lower Upper

152 100

150 144.1 115.0 172.6

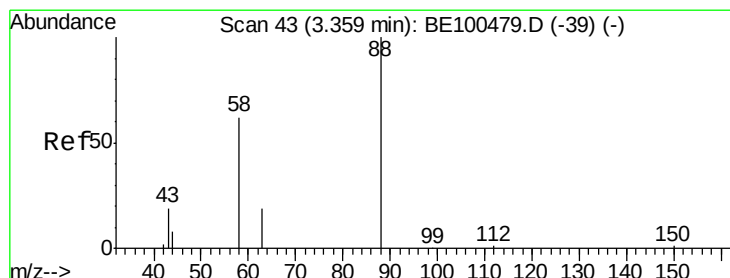
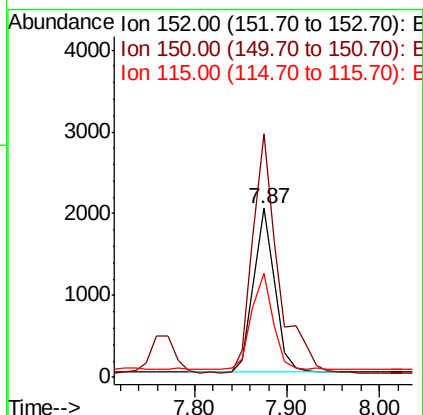
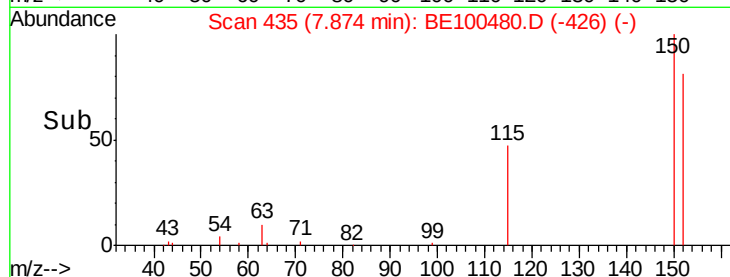
115 61.9 52.9 79.3



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: 0.687 ng

RT: 3.36 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

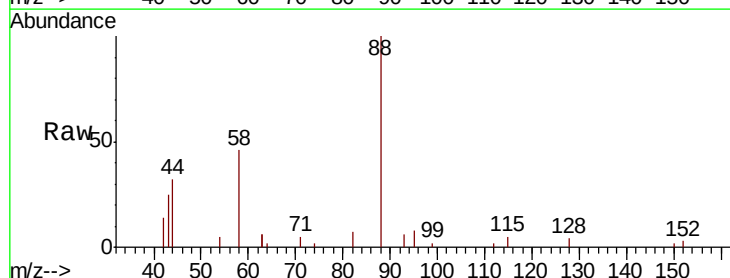
Tgt Ion: 88 Resp: 3369

Ion Ratio Lower Upper

88 100

58 72.3 53.2 79.8

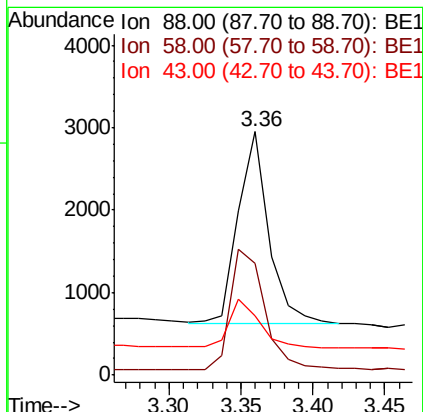
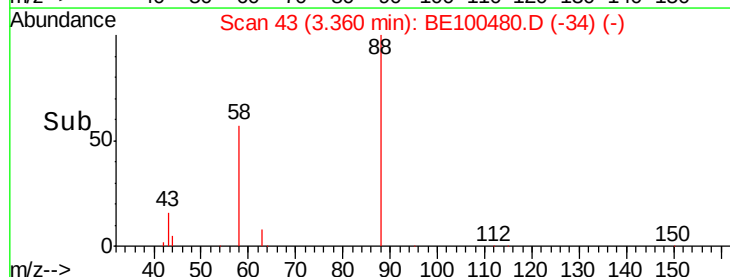
43 26.0 20.8 31.2

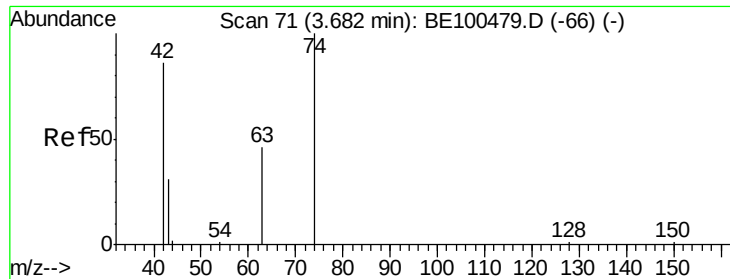


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.768 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

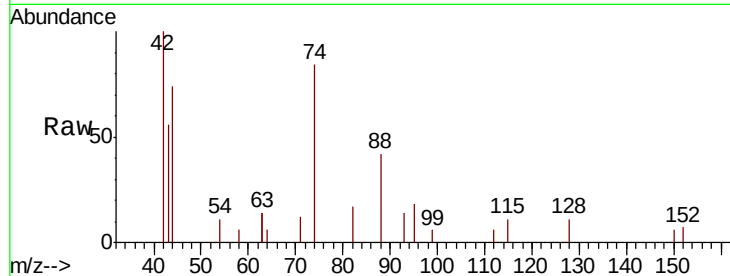
Tot Ion: 42 Resp: 2178

Ion Ratio Lower Upper

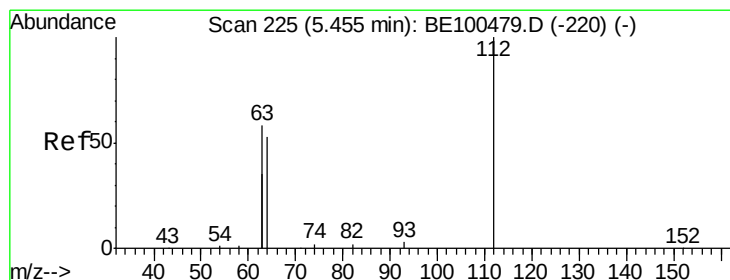
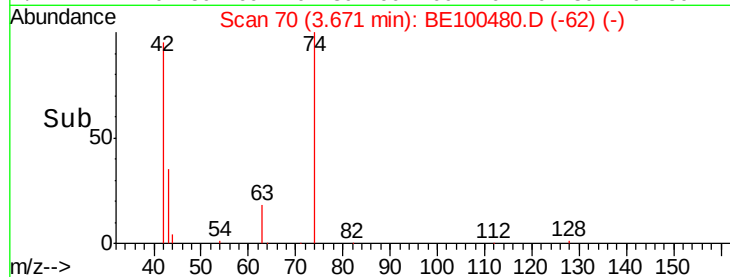
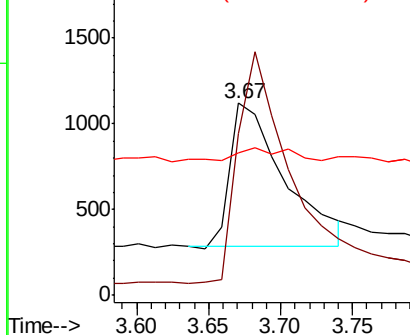
42 100

74 156.2 0.0 0.0#

44 11.0 9.6 14.4



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: 0.771 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

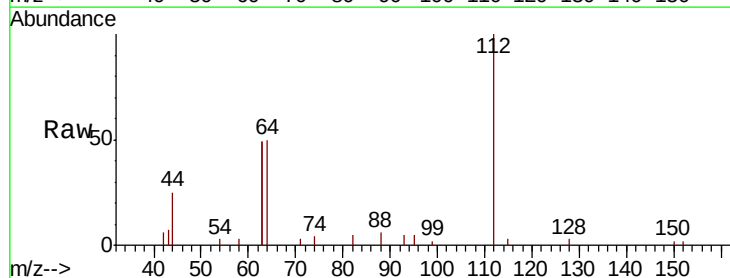
Tgt Ion: 112 Resp: 6126

Ion Ratio Lower Upper

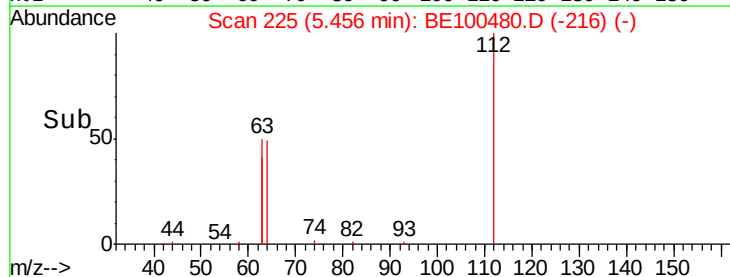
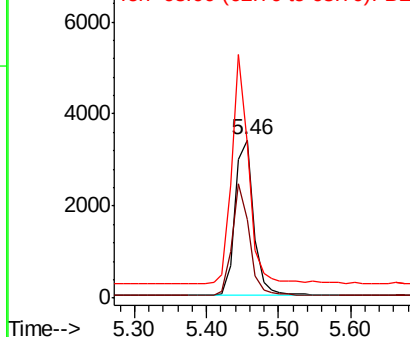
112 100

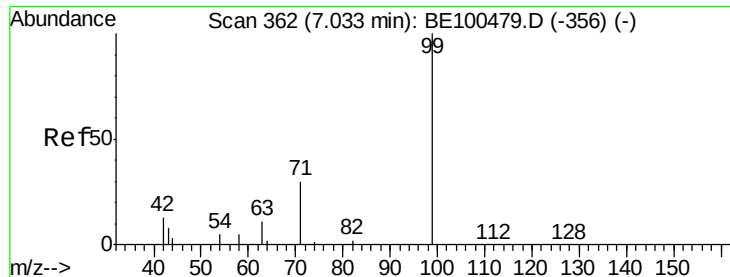
64 65.1 54.1 81.1

63 132.5 104.6 157.0



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: 0.819 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

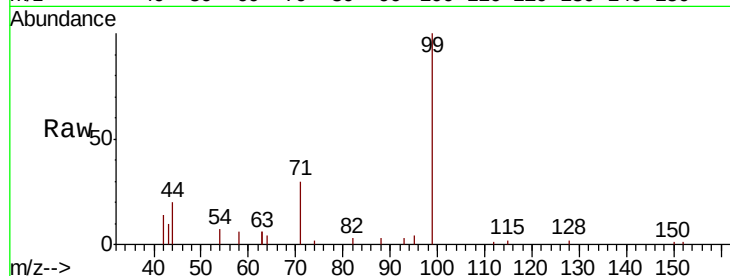
Tot Ion: 99 Resp: 9137

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

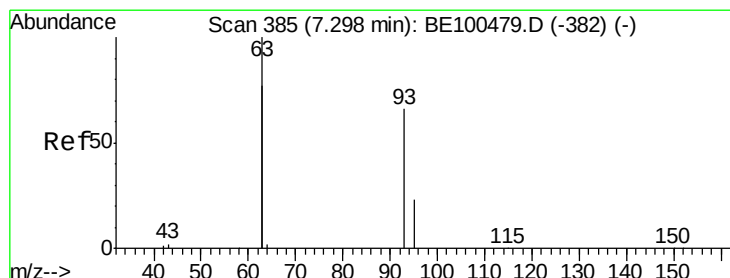
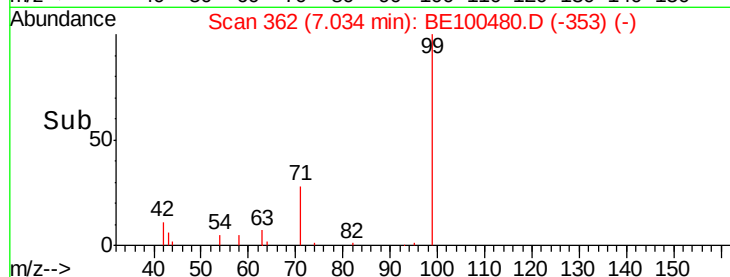
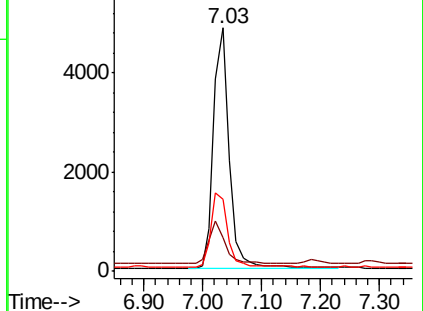
71 33.0 26.4 39.6



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: 0.806 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

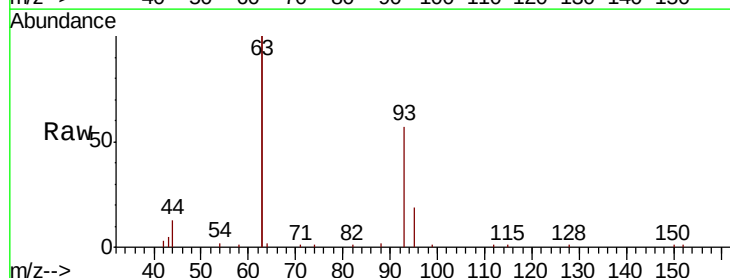
Tgt Ion: 93 Resp: 7797

Ion Ratio Lower Upper

93 100

63 307.6 248.3 372.5

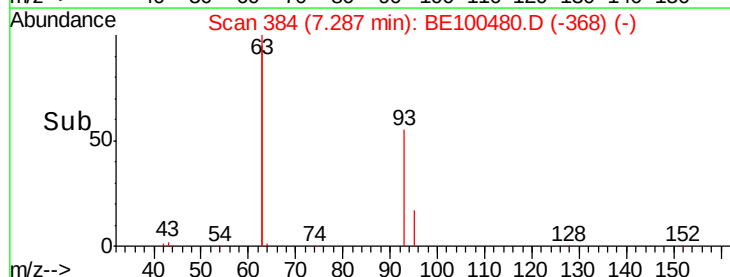
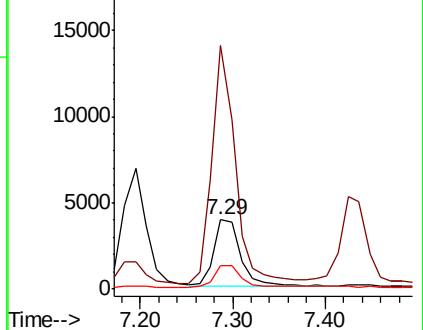
95 31.8 25.4 38.0

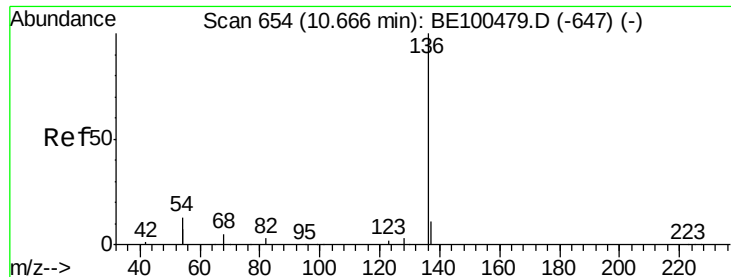


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 13839

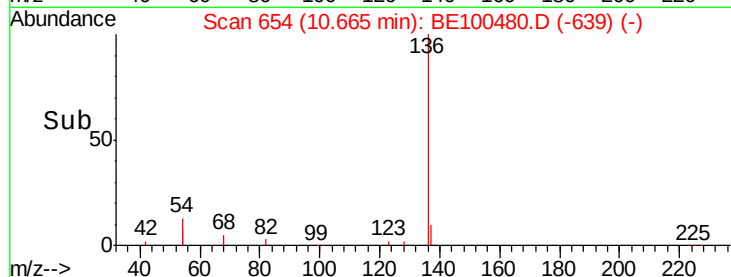
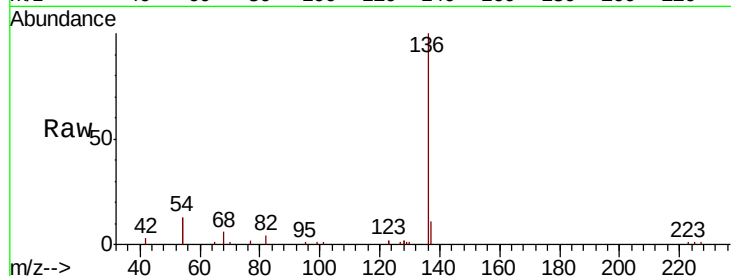
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.6

54 25.1 20.6 31.0

68 6.1 5.3 7.9



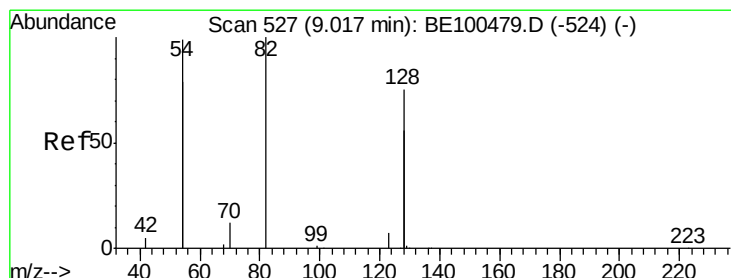
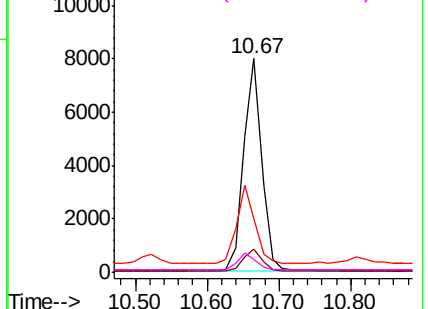
Abundance

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: 0.815 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

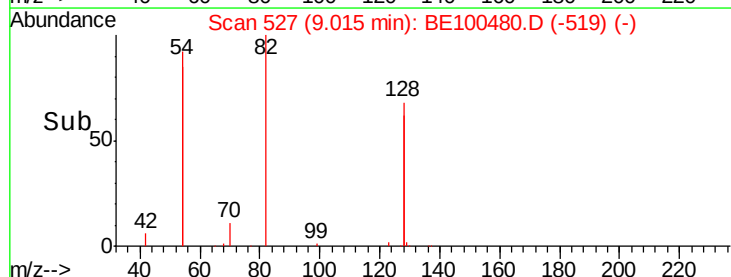
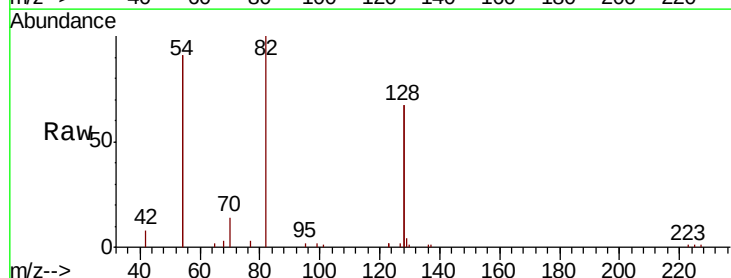
Tgt Ion: 82 Resp: 9119

Ion Ratio Lower Upper

82 100

128 134.2 113.6 170.4

54 181.0 150.6 226.0

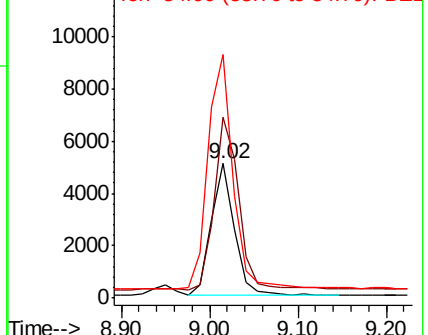


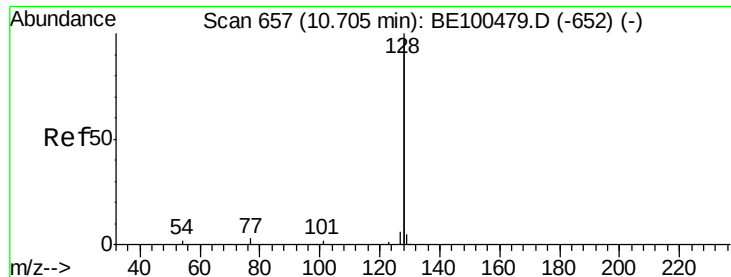
Abundance

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: 0.778 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

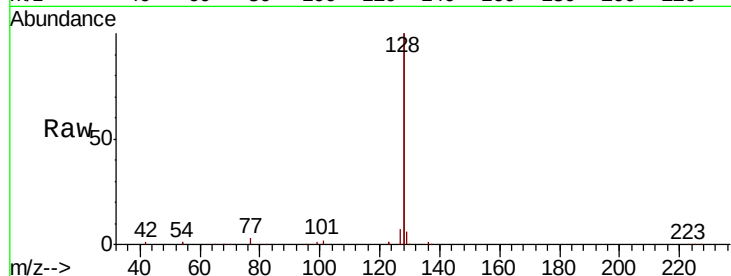
Tot Ion:128 Resp: 102975

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

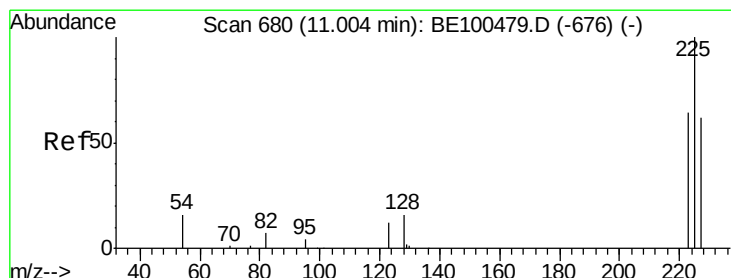
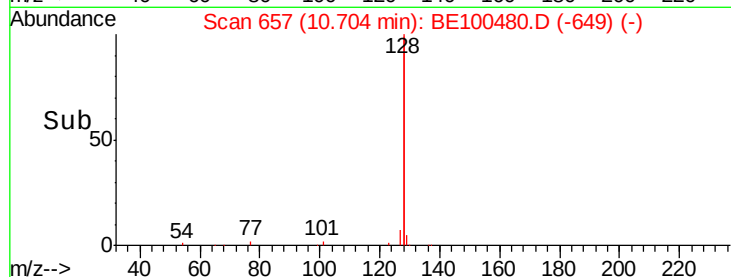
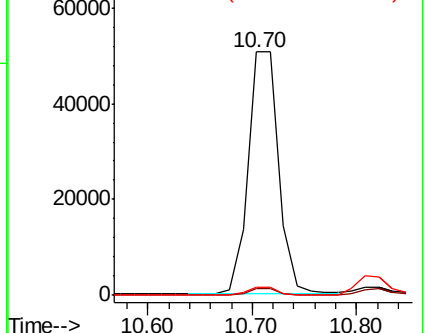
127 3.5 2.7 4.1



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: 0.757 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.01 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

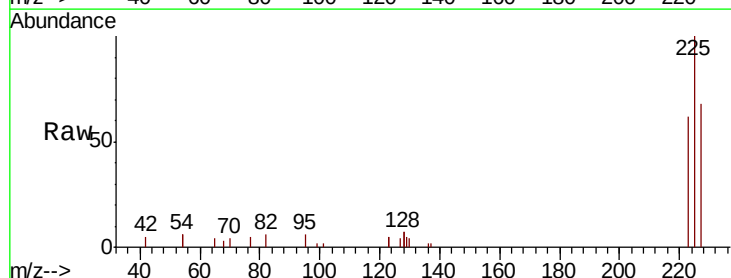
Tgt Ion:225 Resp: 4809

Ion Ratio Lower Upper

225 100

223 63.5 49.4 74.0

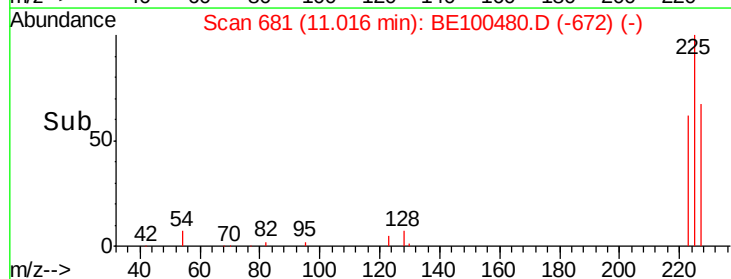
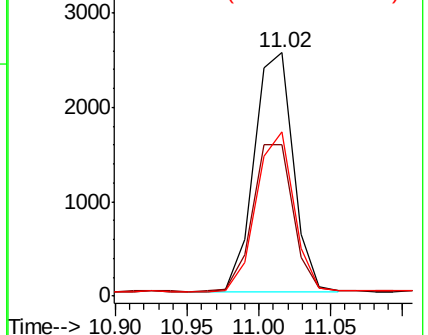
227 64.1 51.4 77.2

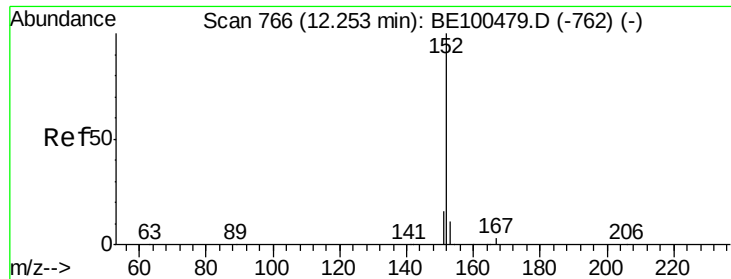


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

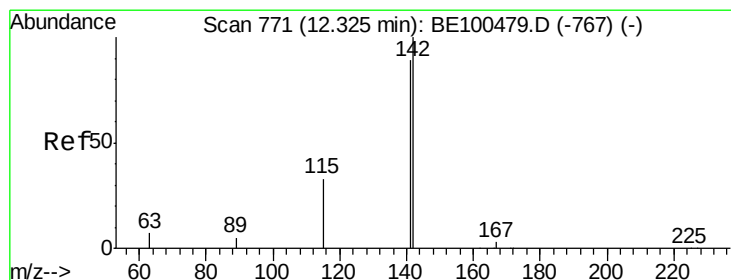
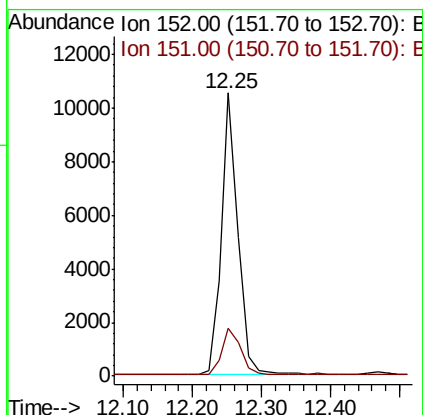
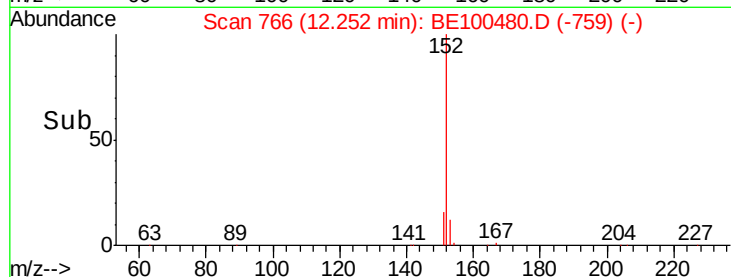
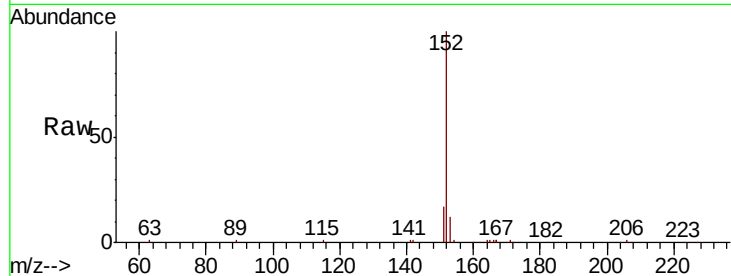




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.797 ng  
 RT: 12.25 min Scan# 766  
 Delta R.T. -0.00 min  
 Lab File: BE100480.D  
 Acq: 22 Jul 2019 14:28

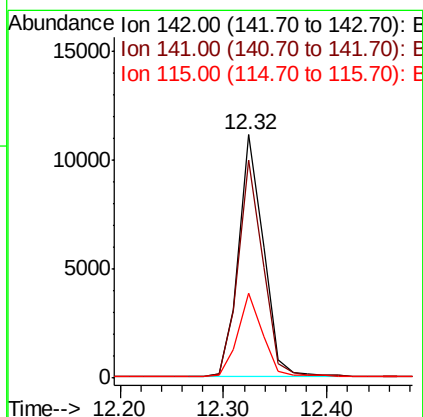
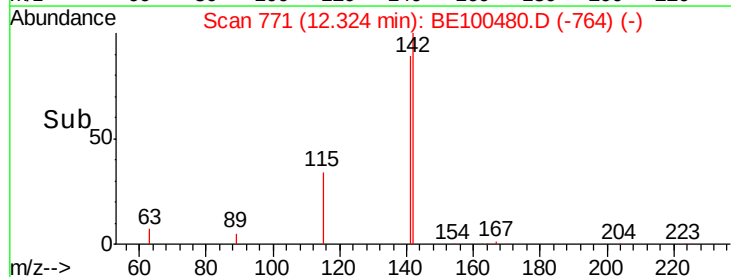
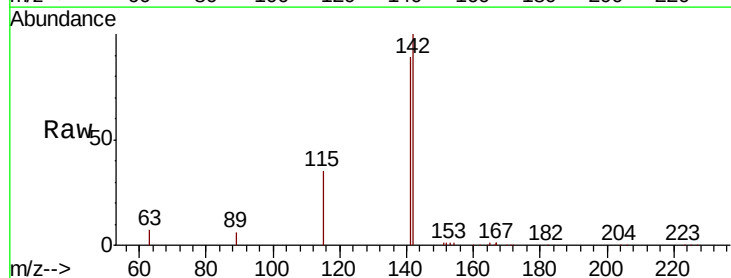
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Tot Ion:152 Resp: 17706  
 Ion Ratio Lower Upper  
 152 100  
 151 18.7 15.1 22.7

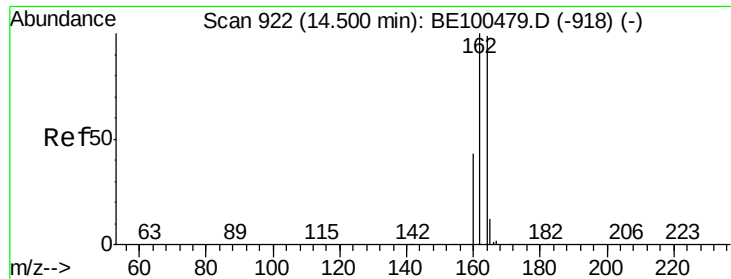


#12  
 2-Methylnaphthalene  
 Concen: 0.799 ng  
 RT: 12.32 min Scan# 771  
 Delta R.T. -0.00 min  
 Lab File: BE100480.D  
 Acq: 22 Jul 2019 14:28

Tgt Ion:142 Resp: 18451  
 Ion Ratio Lower Upper  
 142 100  
 141 89.3 71.7 107.5  
 115 34.8 27.8 41.6



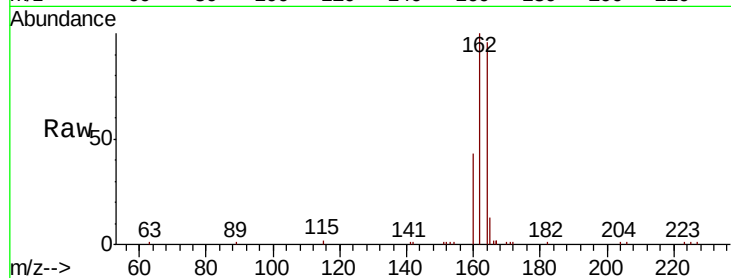




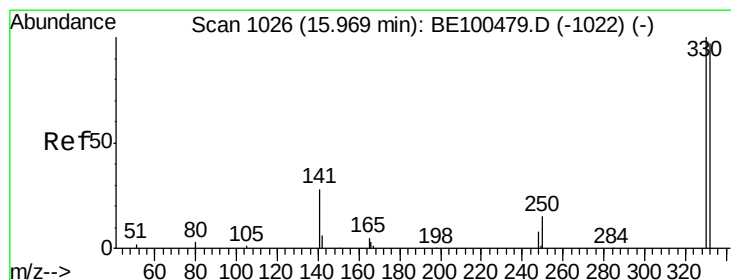
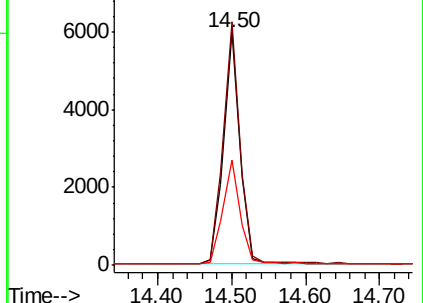
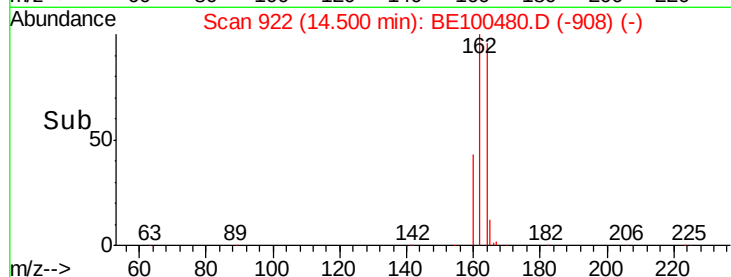
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.50 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: BE100480.D  
Acq: 22 Jul 2019 14:28

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tot Ion:164 Resp: 9016  
Ion Ratio Lower Upper  
164 100  
162 104.5 80.8 121.2  
160 45.0 34.9 52.3

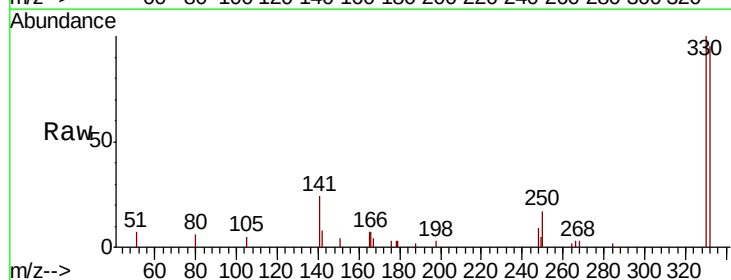


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

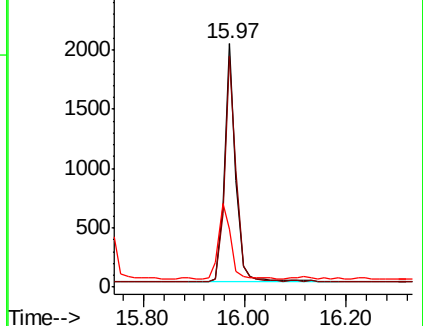
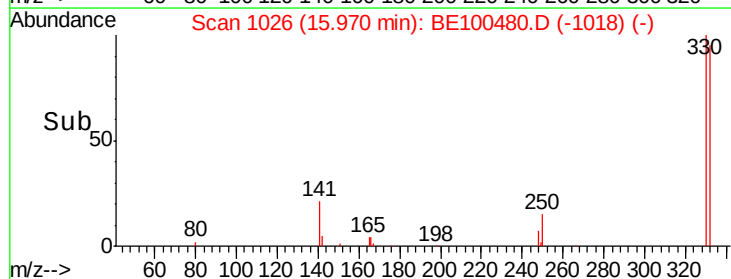


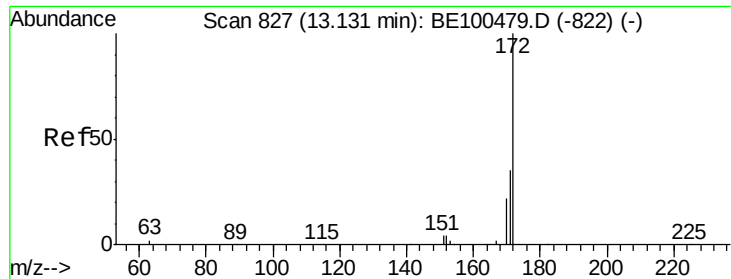
#14  
2,4,6-Tribromophenol  
Concen: 0.817 ng  
RT: 15.97 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BE100480.D  
Acq: 22 Jul 2019 14:28

Tgt Ion:330 Resp: 3092  
Ion Ratio Lower Upper  
330 100  
332 95.8 80.5 120.7  
141 35.3 29.9 44.9



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

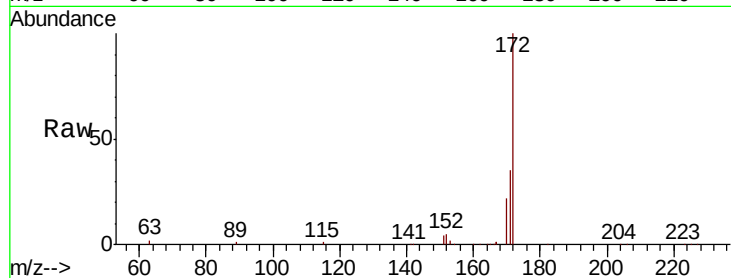




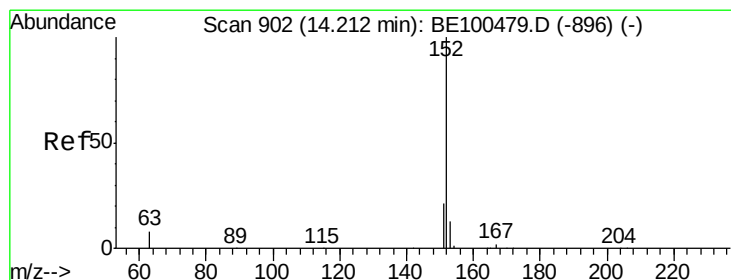
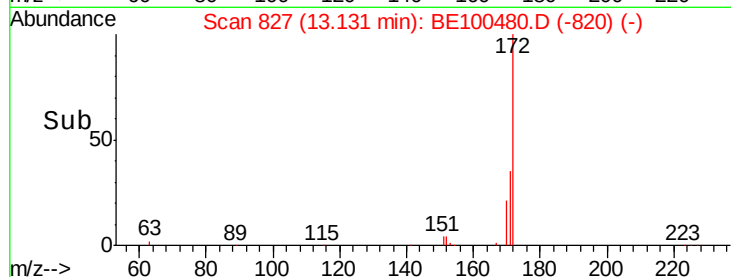
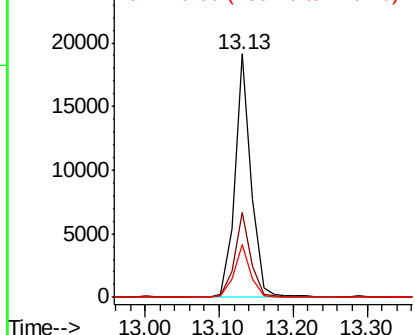
#15  
2-Fluorobiphenyl  
Concen: 0.774 ng  
RT: 13.13 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: BE100480.D  
Acq: 22 Jul 2019 14:28

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tot Ion:172 Resp: 28716  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.2 42.2  
170 21.7 17.8 26.8

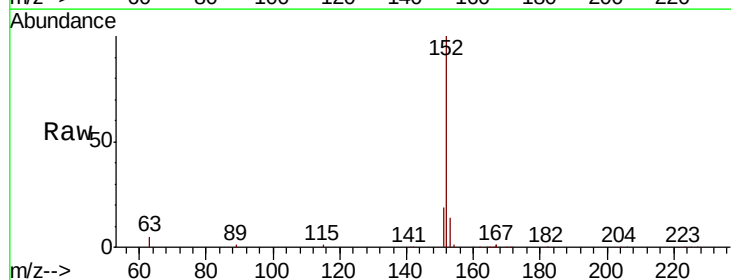


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

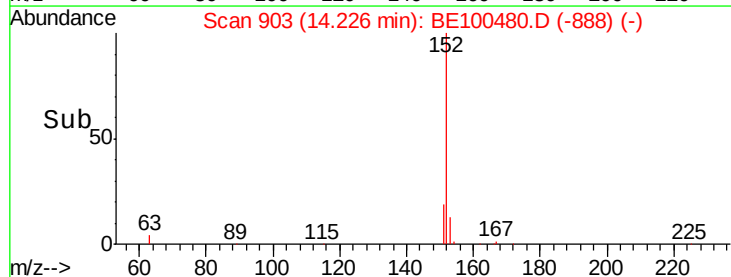
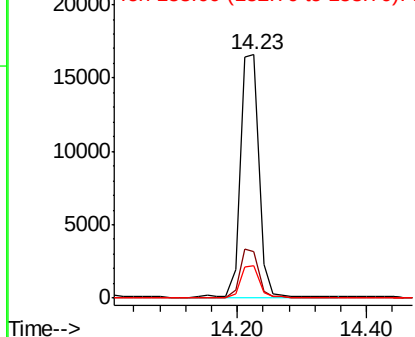


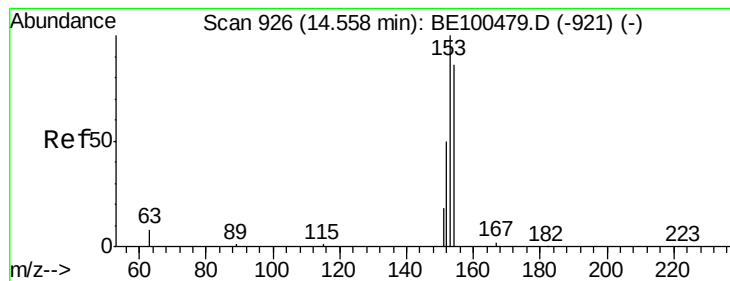
#16  
Acenaphthylene  
Concen: 0.789 ng  
RT: 14.23 min Scan# 903  
Delta R.T. 0.01 min  
Lab File: BE100480.D  
Acq: 22 Jul 2019 14:28

Tgt Ion:152 Resp: 32676  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.1 24.1  
153 13.1 10.6 16.0



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: 0.784 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

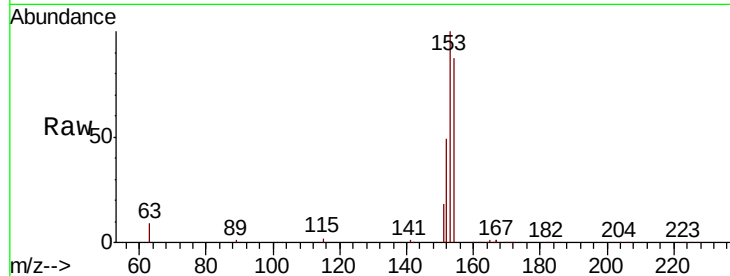
Tot Ion:154 Resp: 19748

Ion Ratio Lower Upper

154 100

153 111.4 90.8 136.2

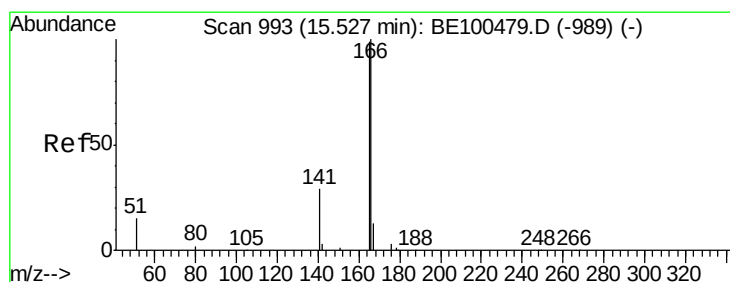
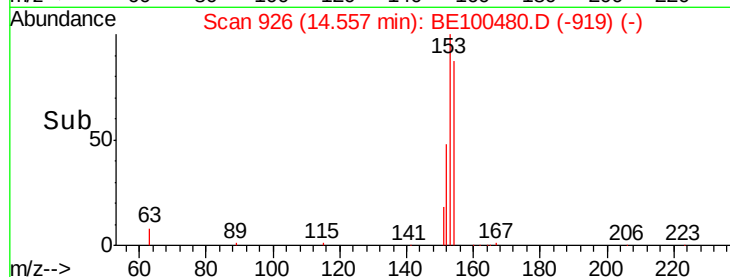
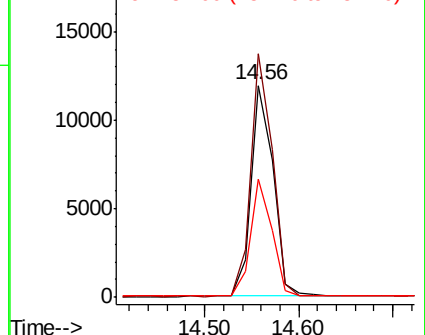
152 53.3 45.1 67.7



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: 0.787 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

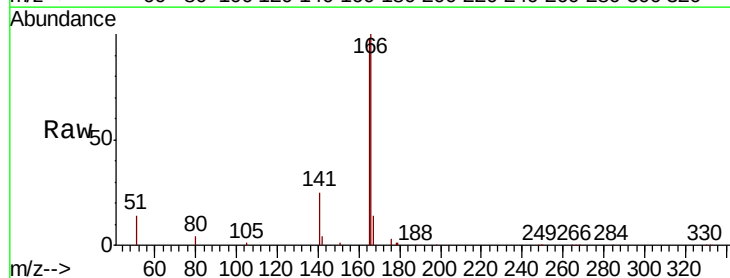
Tgt Ion:166 Resp: 26389

Ion Ratio Lower Upper

166 100

165 98.6 78.3 117.5

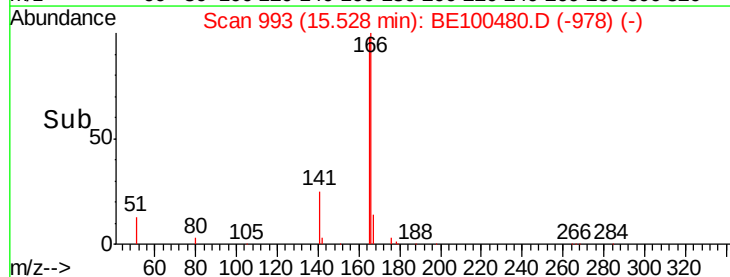
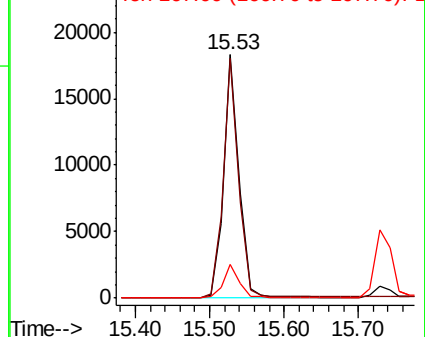
167 13.6 10.9 16.3

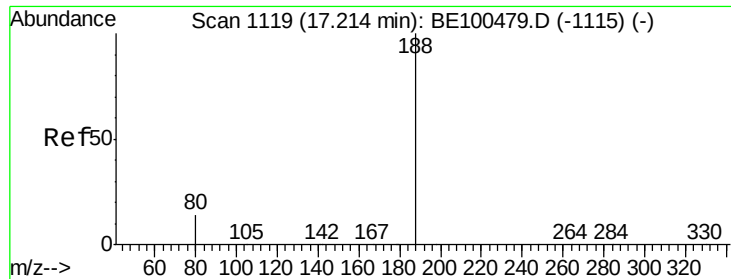


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

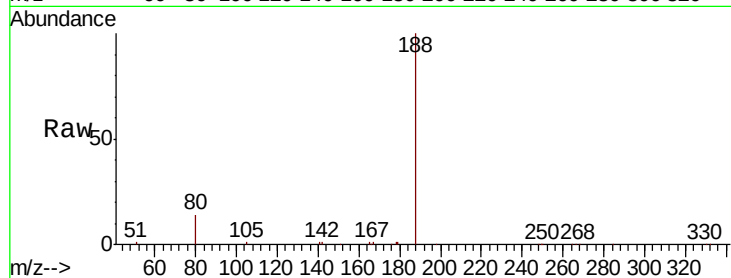
Tot Ion:188 Resp: 24141

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

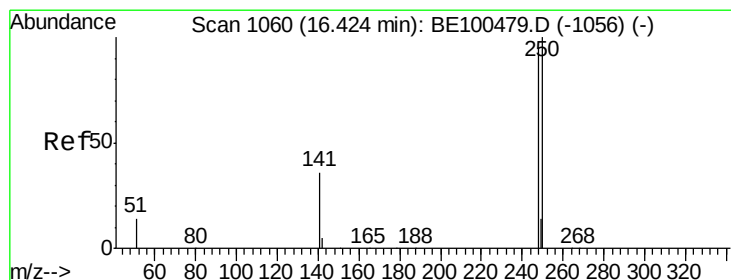
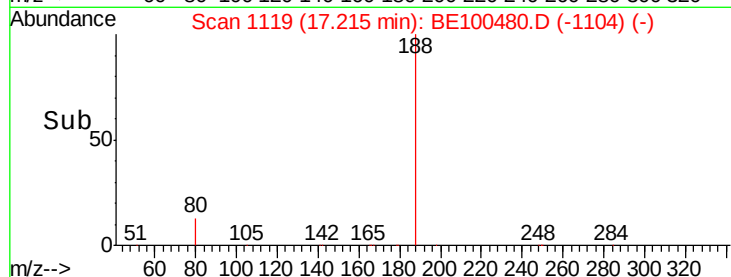
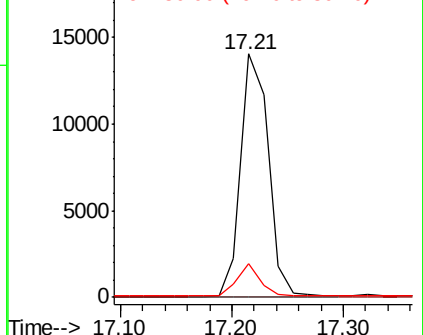
80 13.9 11.9 17.9



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: 0.803 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

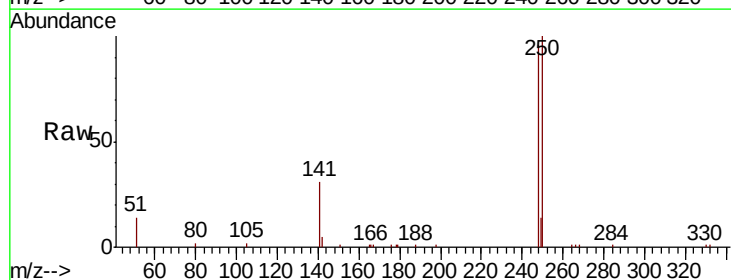
Tgt Ion:248 Resp: 8943

Ion Ratio Lower Upper

248 100

250 104.6 84.4 126.6

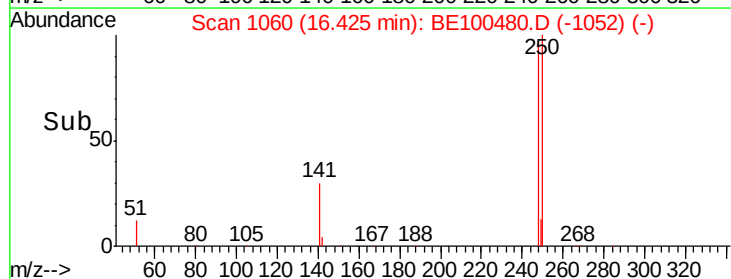
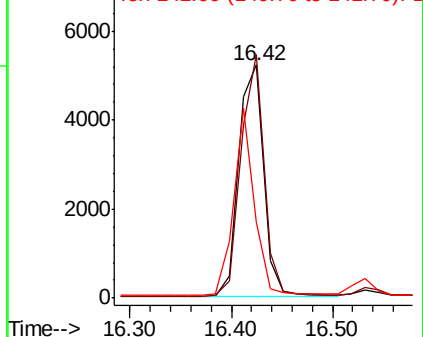
141 32.8 32.2 48.2

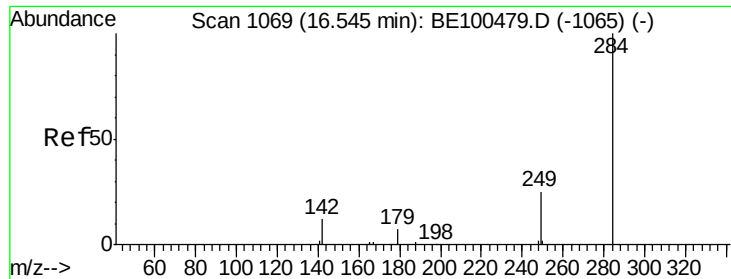


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.779 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.8

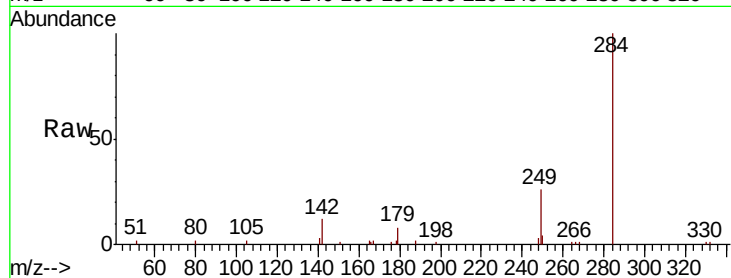
Tot Ion:284 Resp: 9046

Ion Ratio Lower Upper

284 100

142 32.9 26.7 40.1

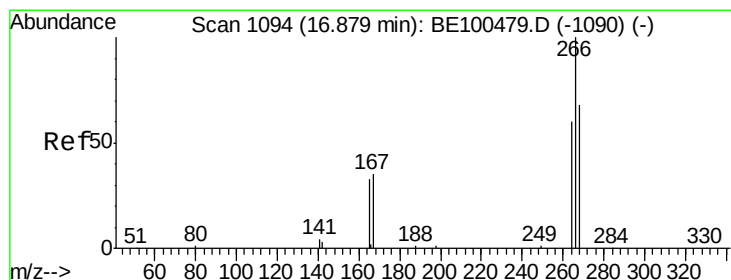
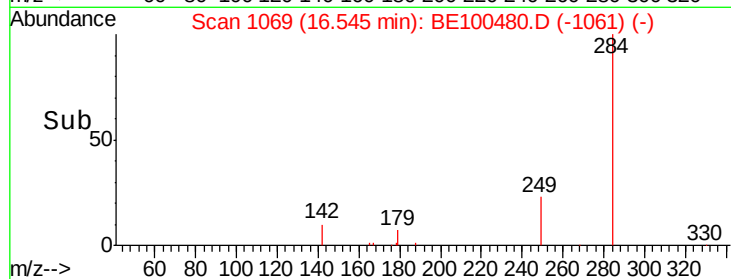
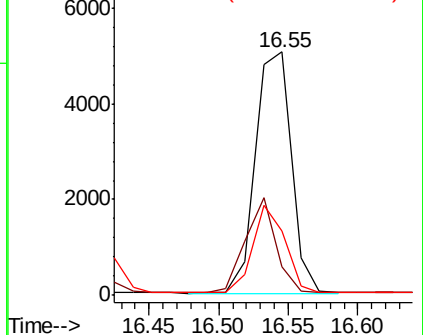
249 32.2 25.0 37.4



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: 0.797 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

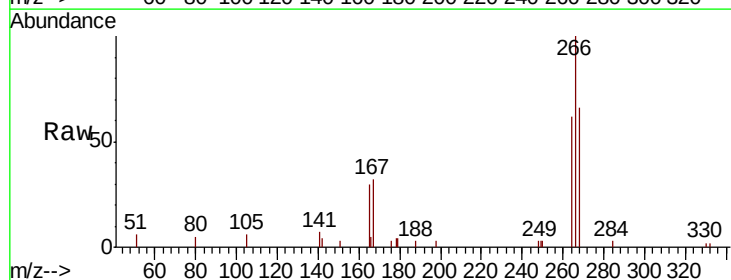
Tgt Ion:266 Resp: 3749

Ion Ratio Lower Upper

266 100

264 61.8 50.4 75.6

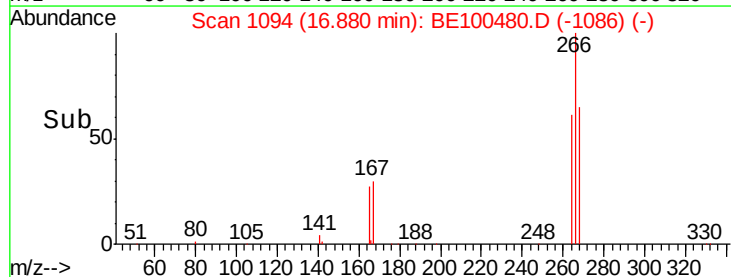
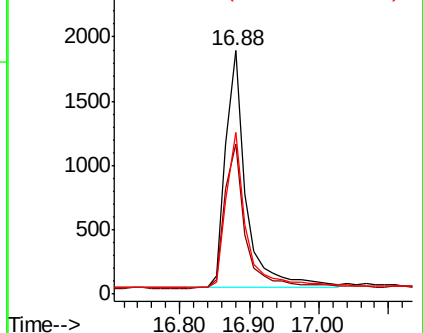
268 66.4 56.6 85.0

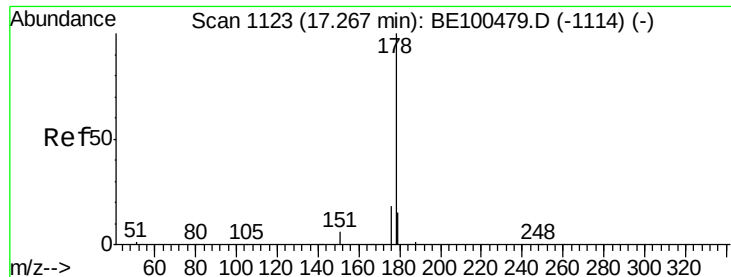


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.765 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

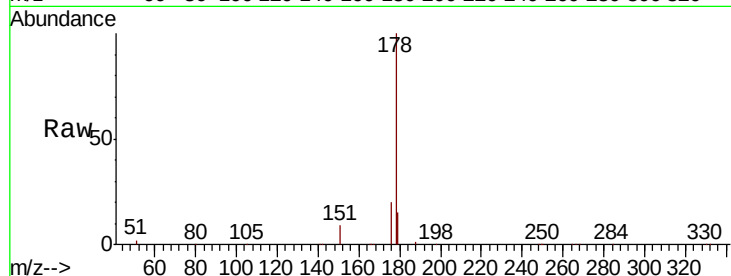
Tot Ion:178 Resp: 45692

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.1 12.6 18.8

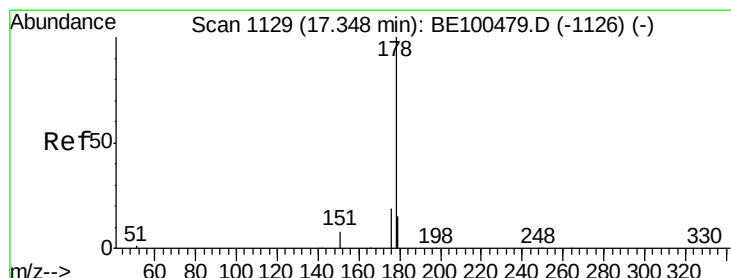
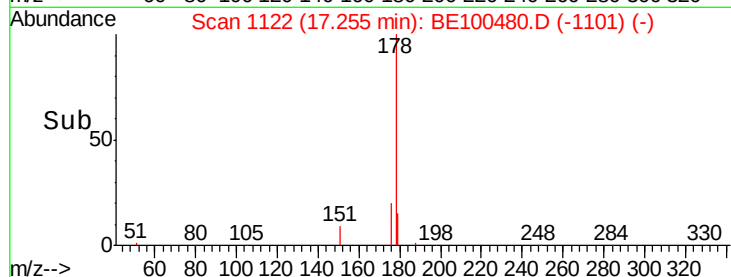
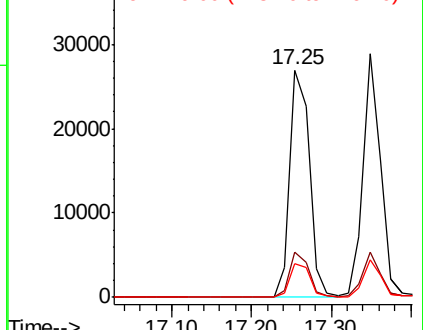


Abundance

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: 0.790 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

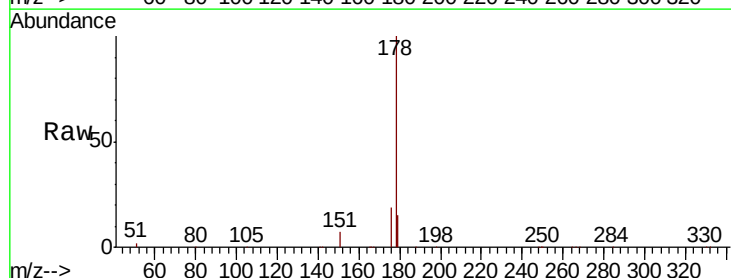
Tgt Ion:178 Resp: 44076

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 15.3 12.2 18.2

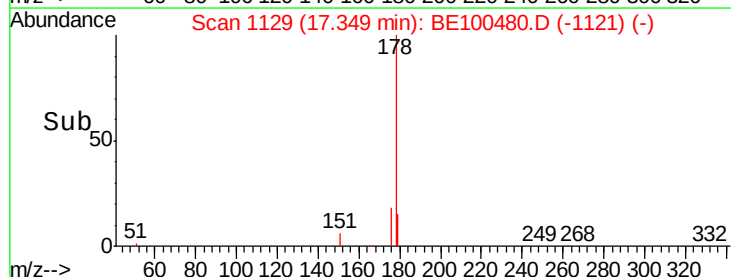
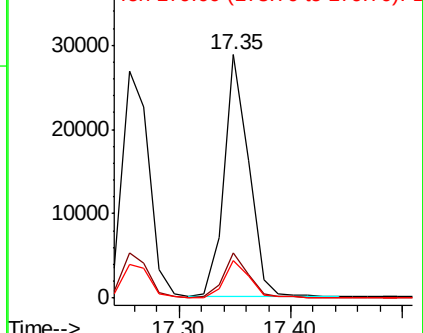


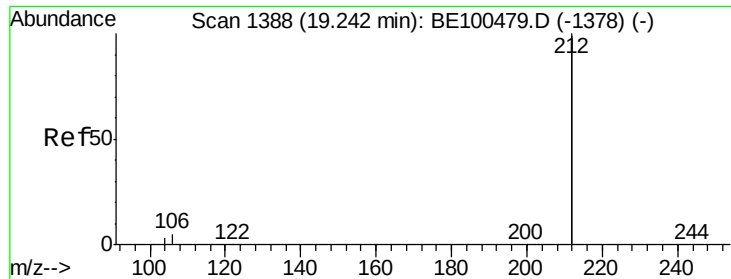
Abundance

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: 0.742 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

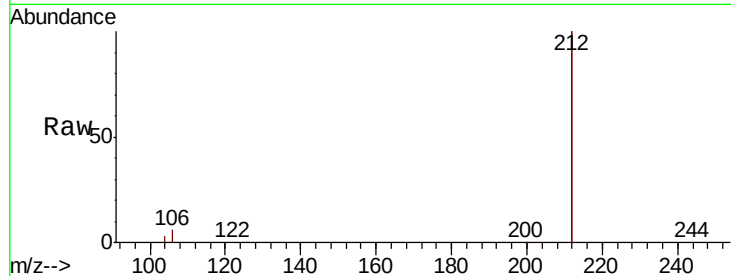
Tot Ion:212 Resp: 250756

Ion Ratio Lower Upper

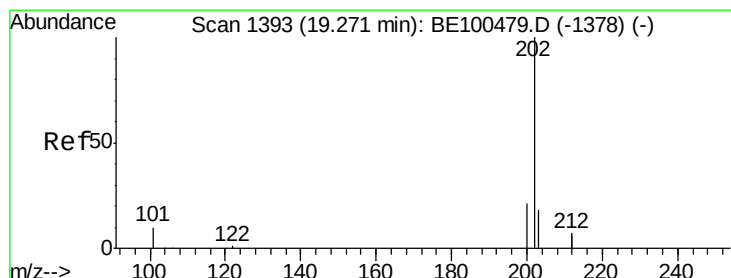
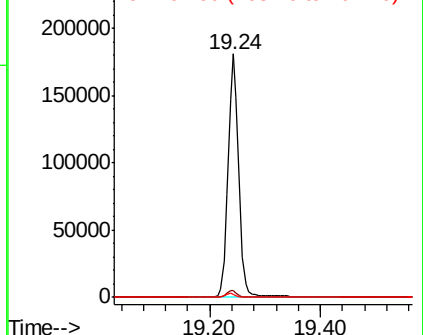
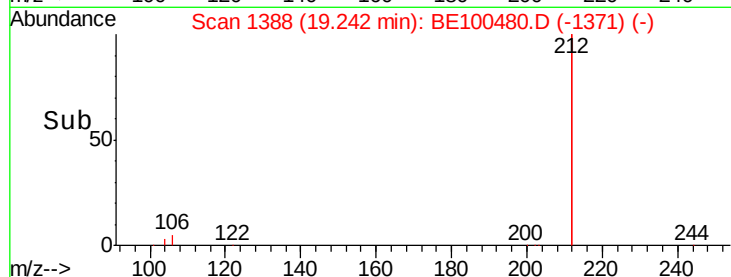
212 100

106 2.8 2.2 3.4

104 1.5 1.2 1.8



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: 0.736 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

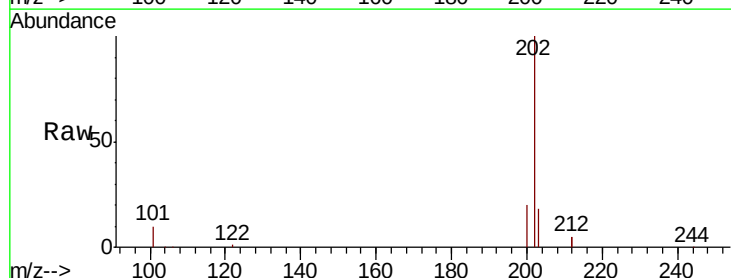
Tgt Ion:202 Resp: 65300

Ion Ratio Lower Upper

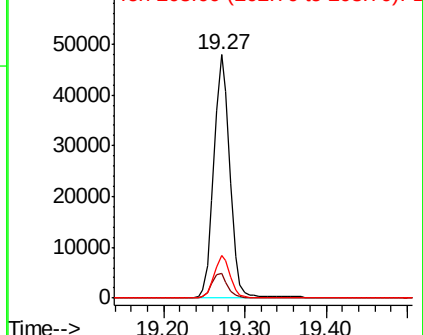
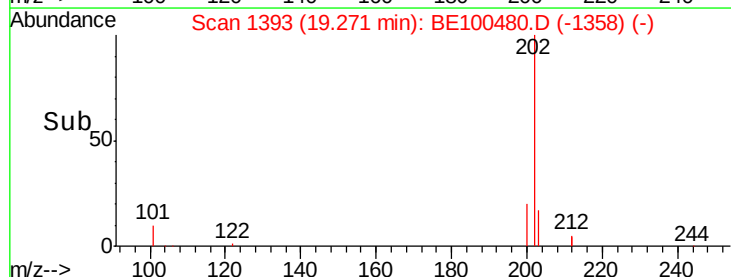
202 100

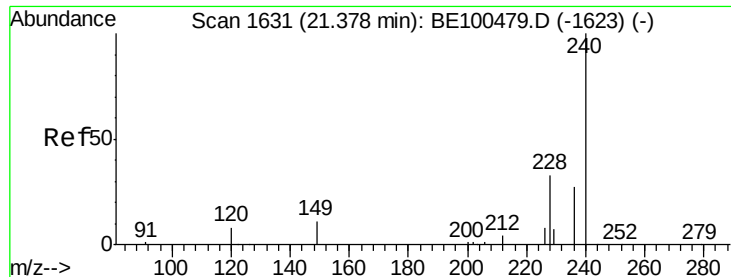
101 10.2 8.0 12.0

203 17.2 13.5 20.3



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

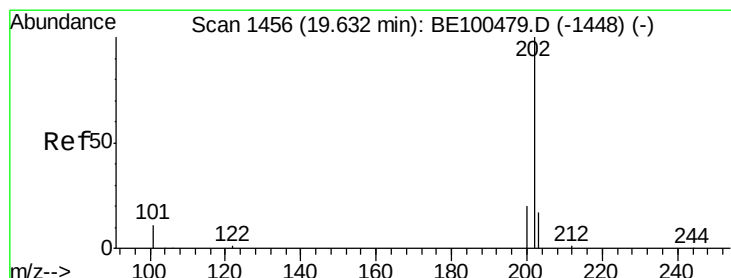
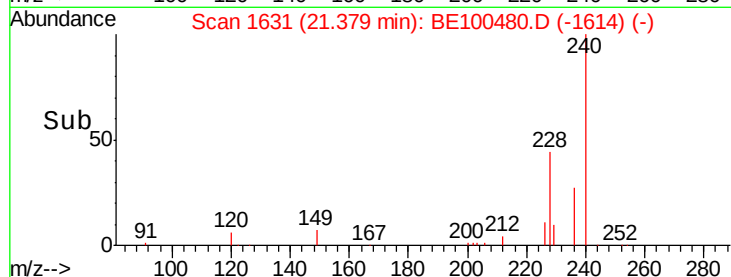
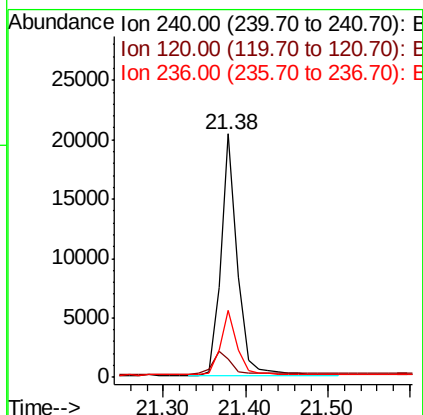
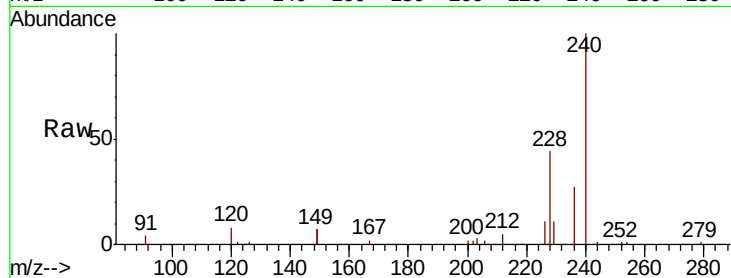
Tot Ion:240 Resp: 28524

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

236 27.3 22.6 34.0



#28

Pyrene

Concen: 0.814 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

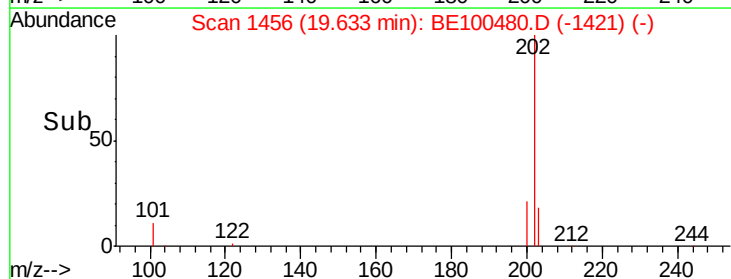
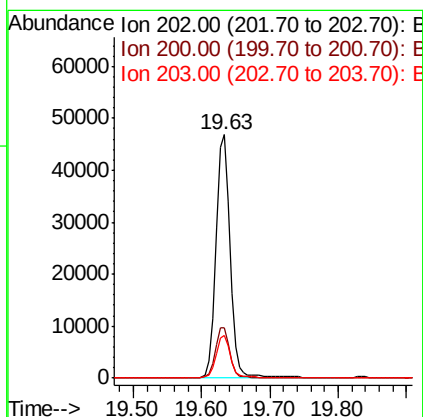
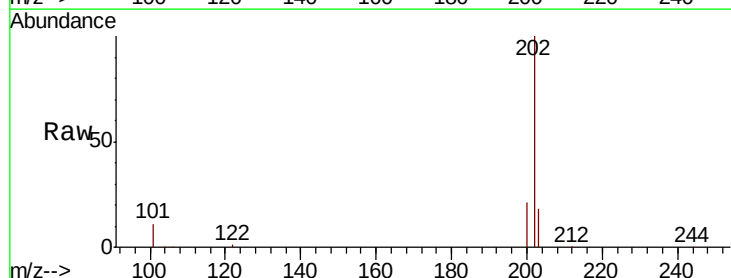
Tgt Ion:202 Resp: 68262

Ion Ratio Lower Upper

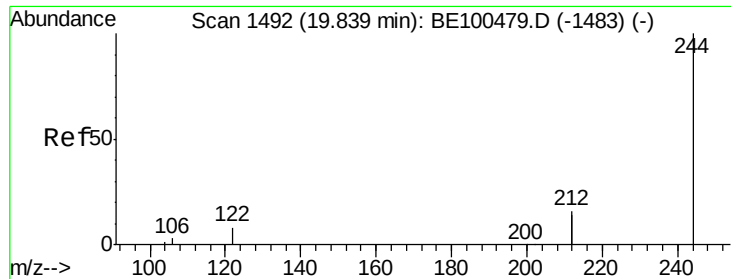
202 100

200 21.0 16.6 24.8

203 17.4 14.1 21.1







#29

Terphenyl-d14

Concen: 0.833 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

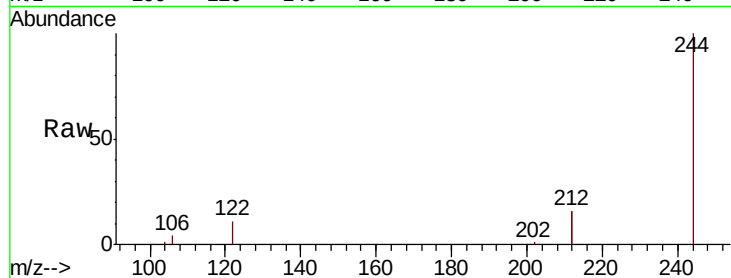
Tot Ion:244 Resp: 54764

Ion Ratio Lower Upper

244 100

212 32.6 25.6 38.4

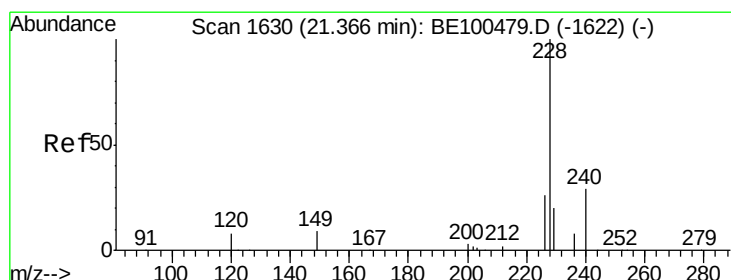
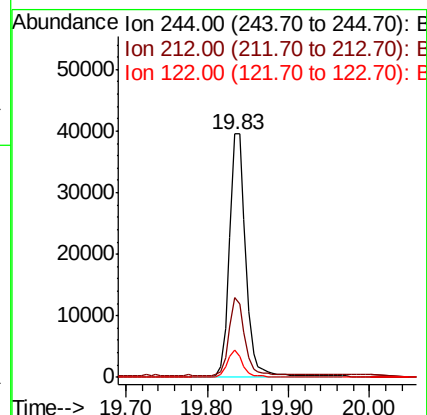
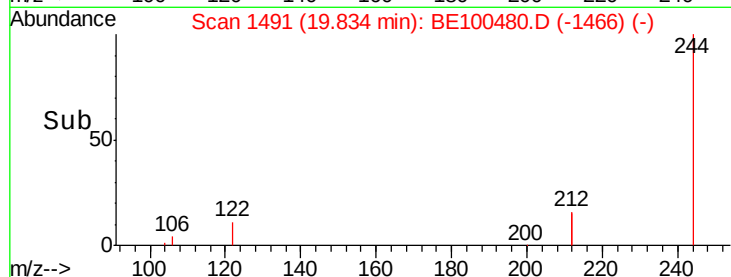
122 11.2 7.2 10.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.769 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

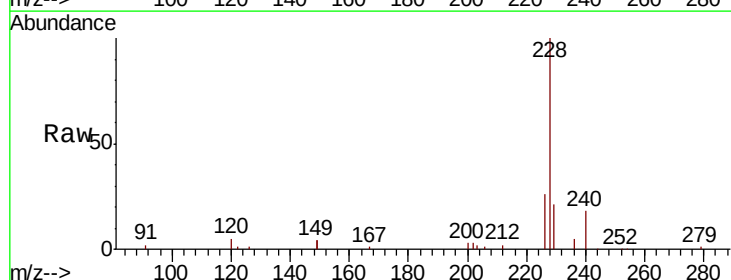
Tgt Ion:228 Resp: 66886

Ion Ratio Lower Upper

228 100

226 26.5 21.4 32.2

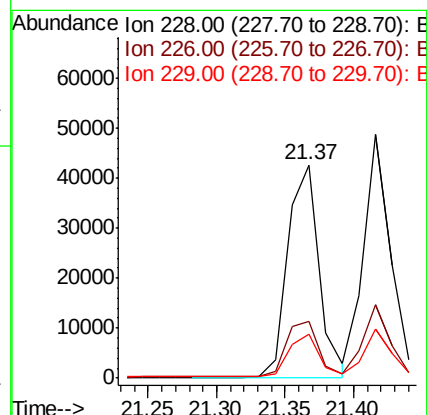
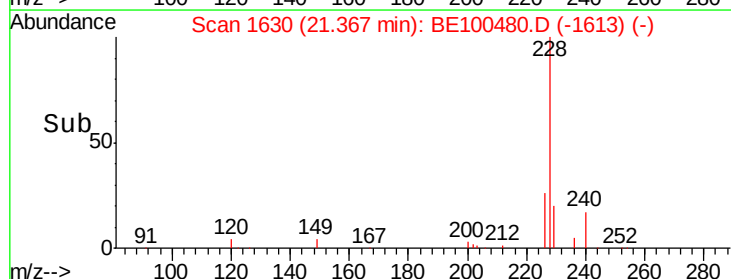
229 20.8 17.3 25.9

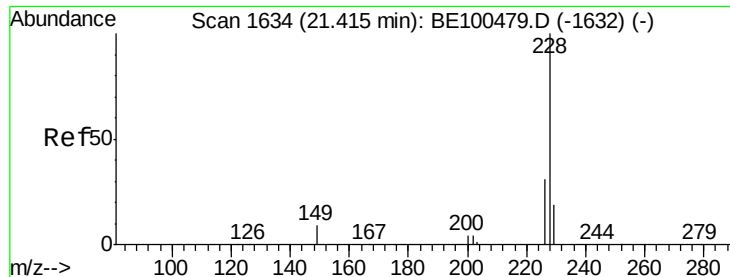


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.768 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.8

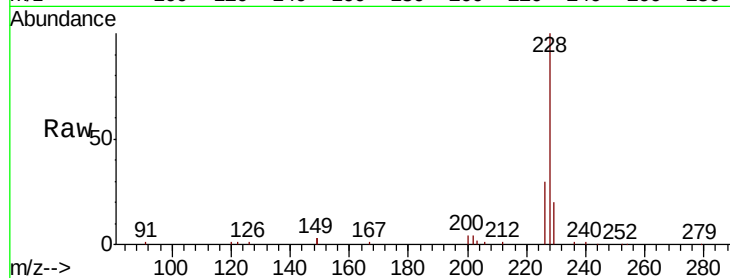
Tot Ion:228 Resp: 66632

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

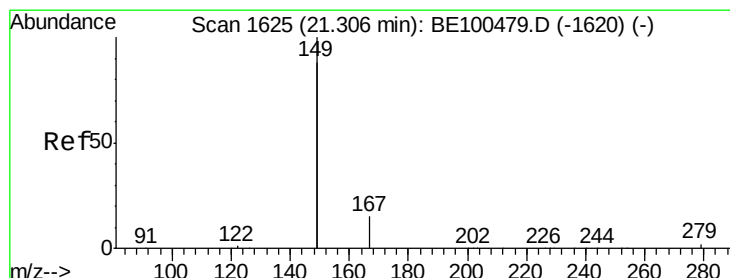
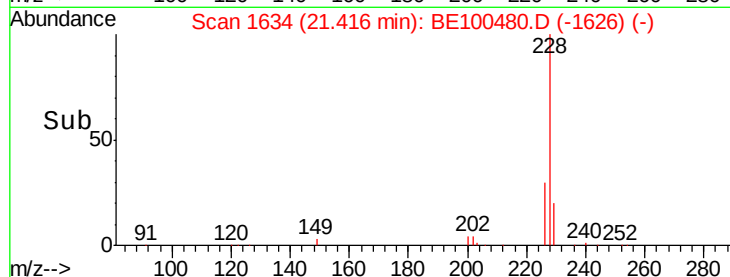
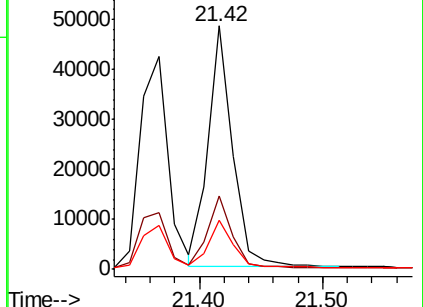
229 20.1 16.7 25.1



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: 0.770 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

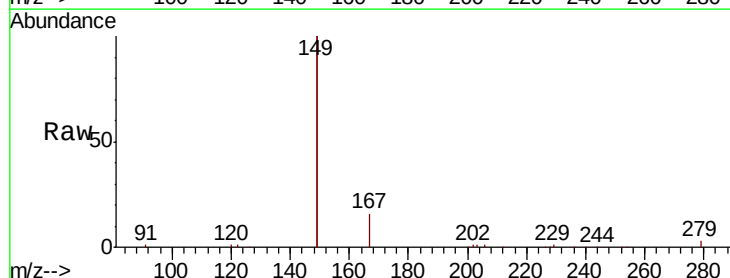
Tgt Ion:149 Resp: 148700

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

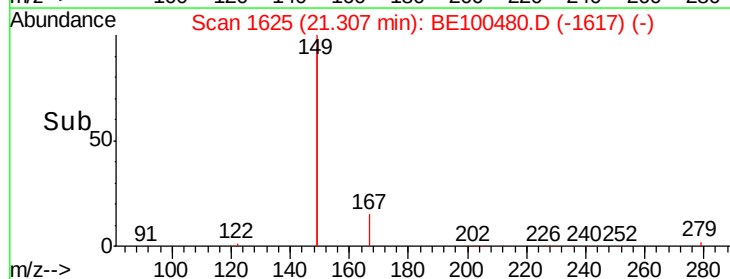
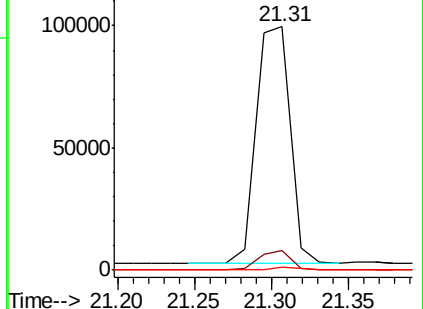
279 1.0 1.0 1.6#

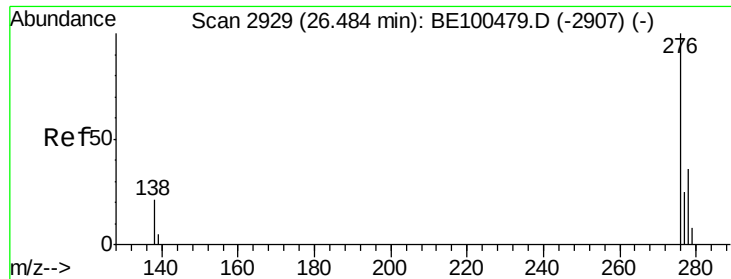


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

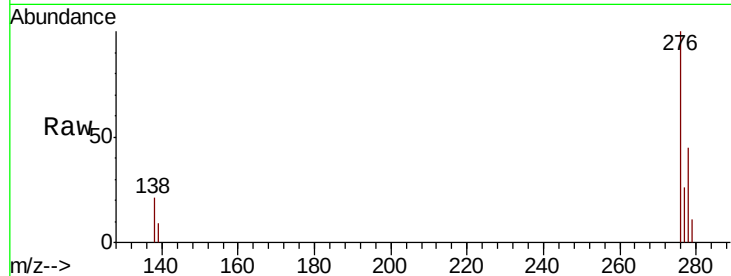




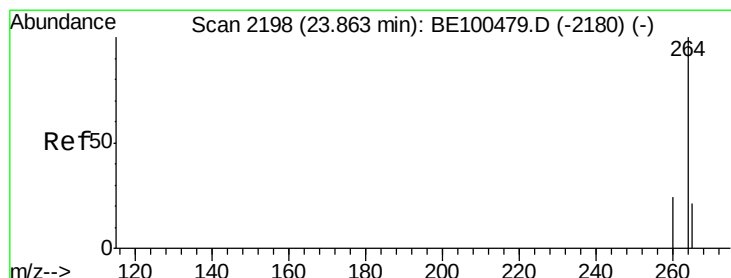
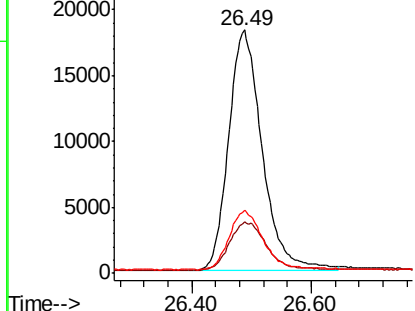
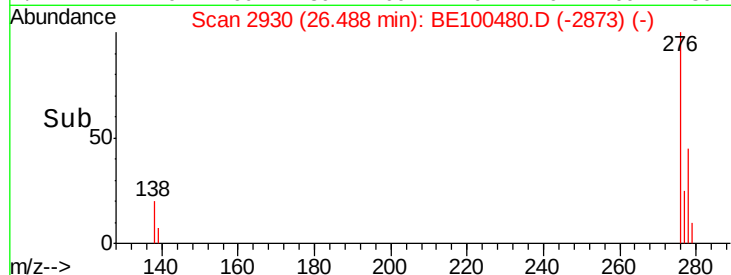
#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.762 ng  
 RT: 26.49 min Scan# 2930  
 Delta R.T. 0.00 min  
 Lab File: BE100480.D  
 Acq: 22 Jul 2019 14:28

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Tot Ion:276 Resp: 71440  
 Ion Ratio Lower Upper  
 276 100  
 138 22.2 16.6 25.0  
 277 25.0 19.1 28.7

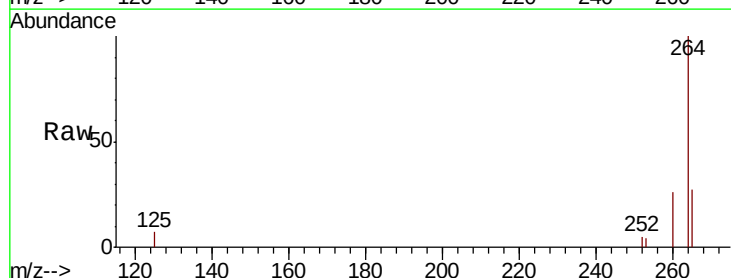


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

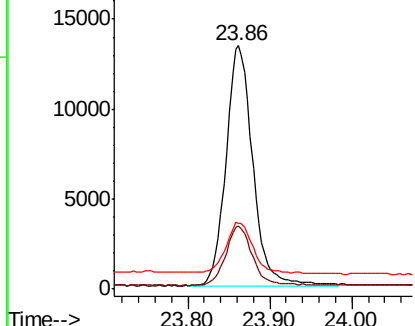
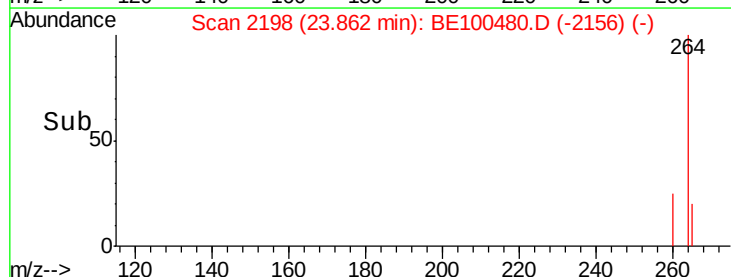


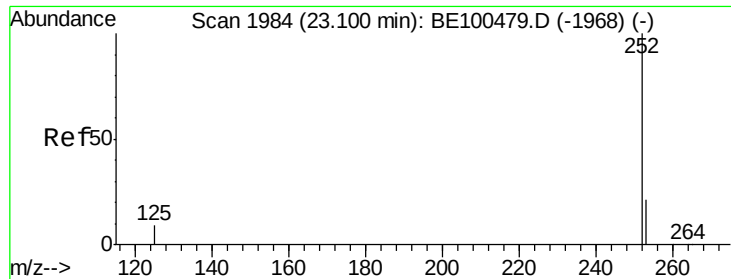
#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.86 min Scan# 2198  
 Delta R.T. -0.00 min  
 Lab File: BE100480.D  
 Acq: 22 Jul 2019 14:28

Tgt Ion:264 Resp: 30274  
 Ion Ratio Lower Upper  
 264 100  
 260 25.9 20.7 31.1  
 265 27.1 23.4 35.2



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

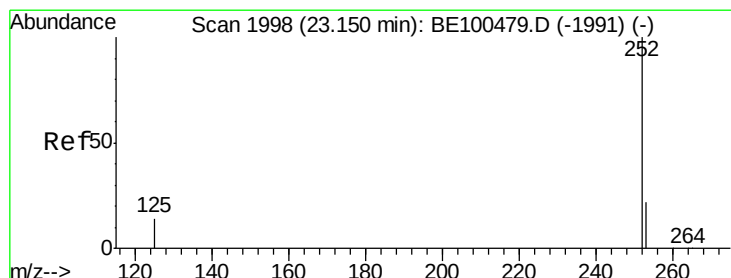
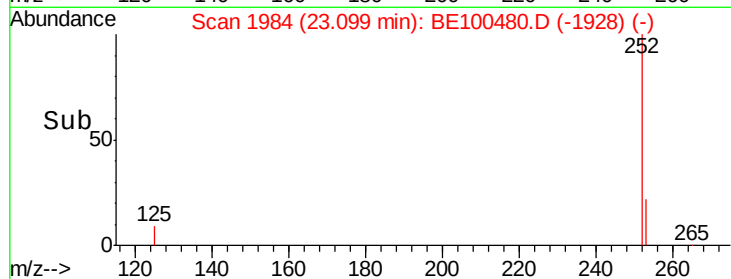
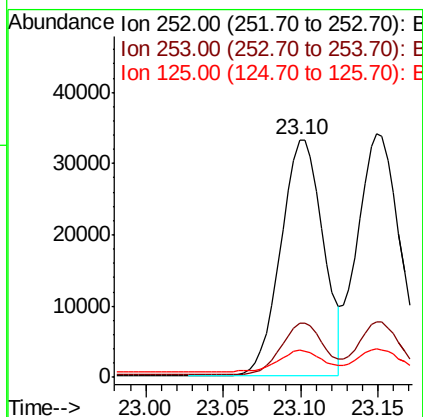
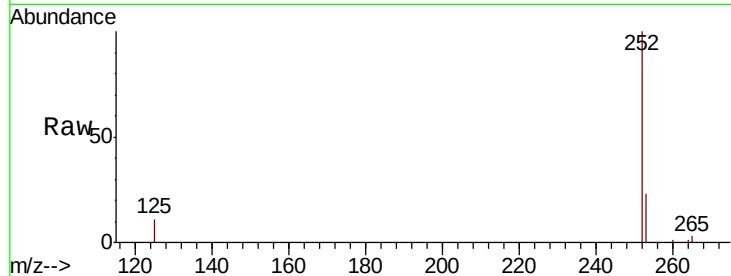




#35  
Benzo(b)fluoranthene  
Concen: 0.751 ng  
RT: 23.10 min Scan# 1984  
Delta R.T. -0.00 min  
Lab File: BE100480.D  
Acq: 22 Jul 2019 14:28

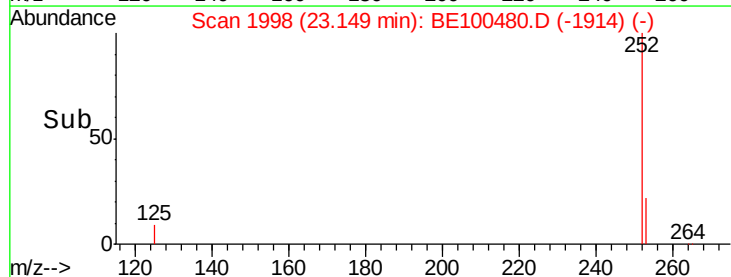
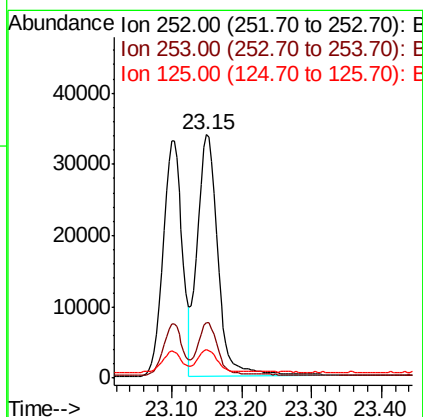
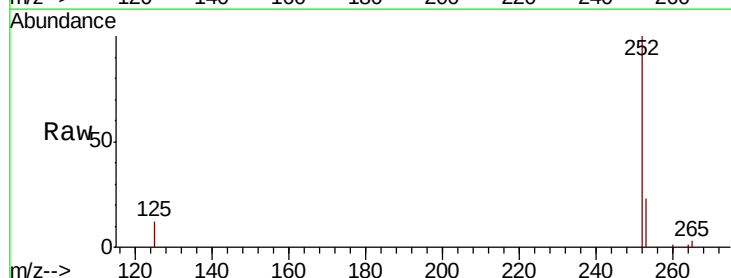
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

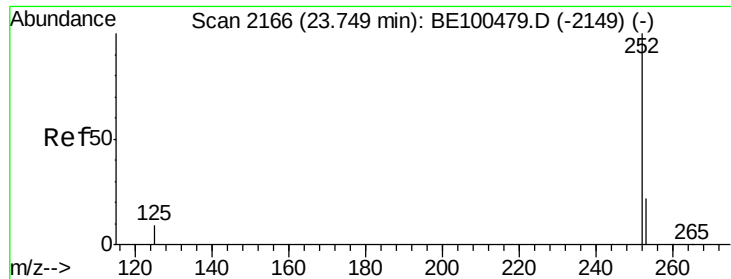
Tot Ion:252 Resp: 62791  
Ion Ratio Lower Upper  
252 100  
253 22.7 19.2 28.8  
125 11.3 11.9 17.9#



#36  
Benzo(k)fluoranthene  
Concen: 0.769 ng  
RT: 23.15 min Scan# 1998  
Delta R.T. -0.00 min  
Lab File: BE100480.D  
Acq: 22 Jul 2019 14:28

Tgt Ion:252 Resp: 68382  
Ion Ratio Lower Upper  
252 100  
253 22.9 19.7 29.5  
125 11.7 15.2 22.8#





#37

Benzo(a)pyrene

Concen: 0.765 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

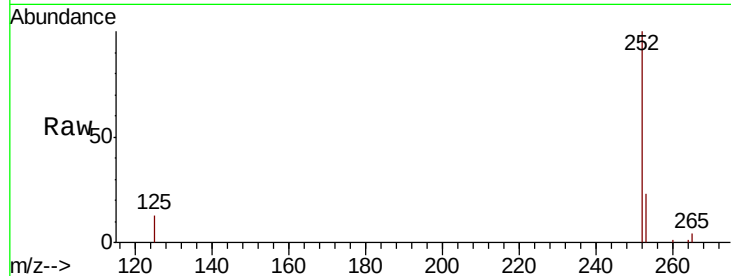
Tot Ion:252 Resp: 61704

Ion Ratio Lower Upper

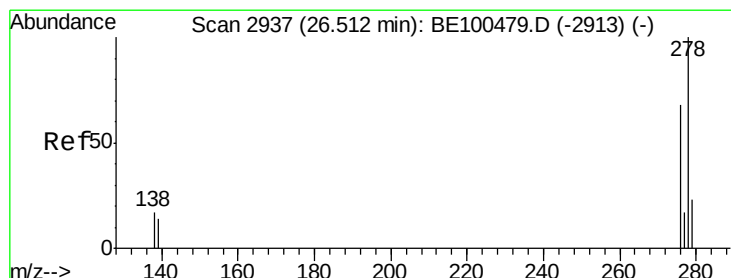
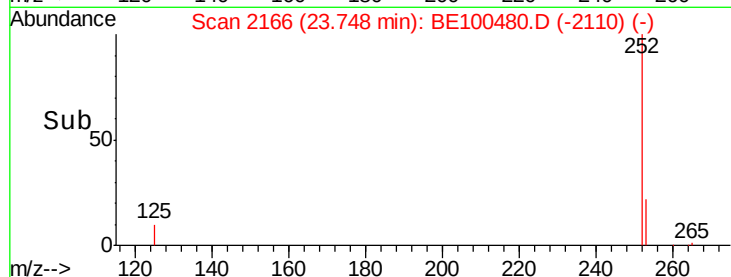
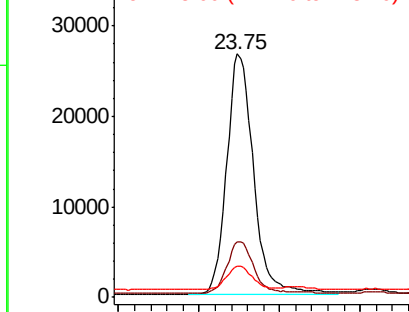
252 100

253 22.9 20.0 30.0

125 12.6 14.1 21.1#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.777 ng

RT: 26.52 min Scan# 2938

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

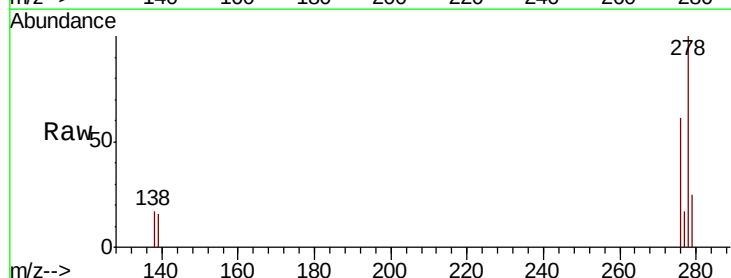
Tgt Ion:278 Resp: 59082

Ion Ratio Lower Upper

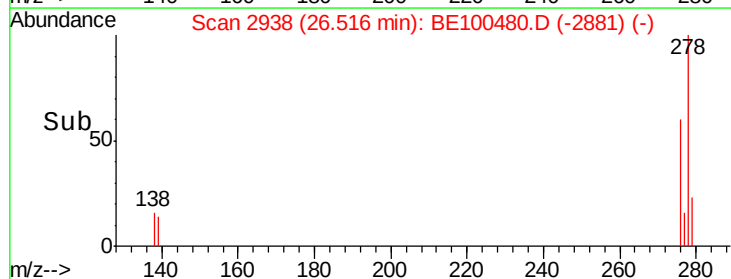
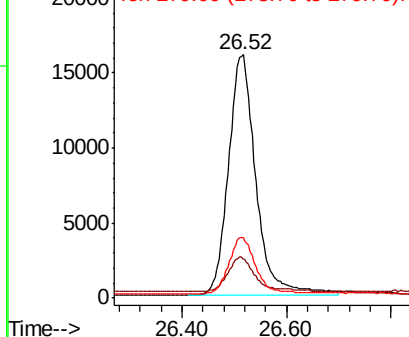
278 100

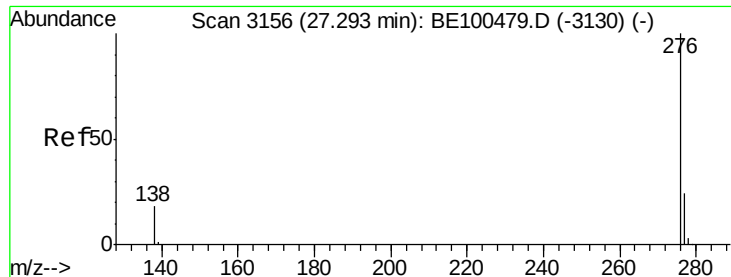
139 16.1 16.8 25.2#

279 24.9 21.8 32.8



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: 0.761 ng

RT: 27.29 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

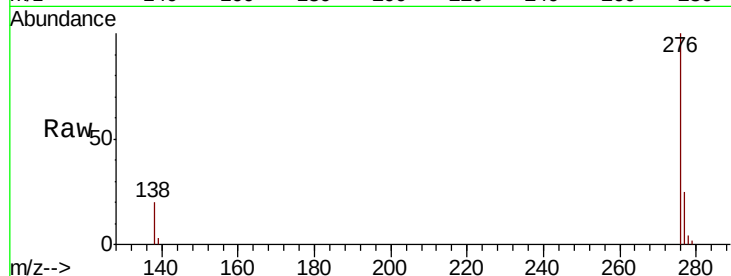
Tot Ion: 276 Resp: 59537

Ion Ratio Lower Upper

276 100

277 24.8 22.0 33.0

138 20.1 17.3 25.9



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

