

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\  
 Data File : BE097535.D  
 Acq On : 19 Sep 2018 11:37  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Sep 19 17:58:15 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 19 16:26:00 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 917      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.13 | 136  | 4209     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.00 | 164  | 2414     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.75 | 188  | 6568     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 20.97 | 240  | 8611     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.21 | 264  | 8885     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.05  | 112 | 1026  | 0.37 | ng | 0.01 |
| 5) Phenol-d6                | 6.60  | 99  | 1252  | 0.36 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.53  | 82  | 1207  | 0.37 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.71 | 152 | 2282  | 0.39 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.53 | 330 | 386   | 0.42 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.62 | 172 | 3456  | 0.41 | ng | 0.00 |
| 25) Fluoranthene-d10        | 18.80 | 212 | 29751 | 0.35 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.42 | 244 | 6172  | 0.39 | ng | 0.00 |

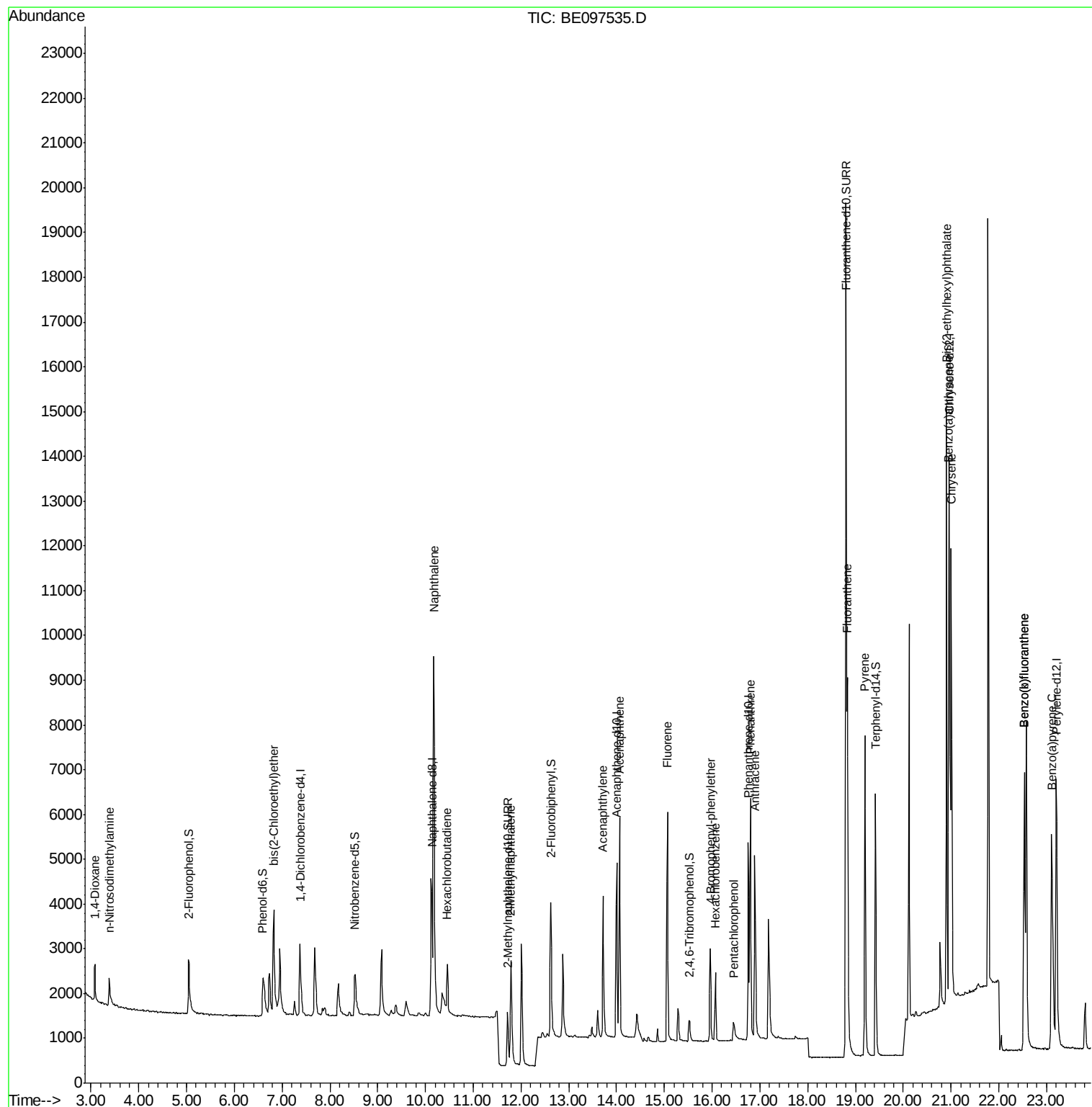
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.08  | 88  | 596   | 0.378  | ng | # 86  |
| 3) n-Nitrosodimethylamine      | 3.38  | 42  | 485   | 0.365  | ng | # 89  |
| 6) bis(2-Chloroethyl)ether     | 6.83  | 93  | 1308  | 0.401  | ng | # 66  |
| 9) Naphthalene                 | 10.17 | 128 | 15300 | 0.404  | ng | 99    |
| 10) Hexachlorobutadiene        | 10.46 | 225 | 688   | 0.394  | ng | 98    |
| 12) 2-Methylnaphthalene        | 11.79 | 142 | 2329  | 0.394  | ng | 99    |
| 16) Acenaphthylene             | 13.72 | 152 | 3682  | 0.386  | ng | 100   |
| 17) Acenaphthene               | 14.06 | 154 | 2515  | 0.393  | ng | 96    |
| 18) Fluorene                   | 15.06 | 166 | 3238  | 0.388  | ng | # 78  |
| 20) 4-Bromophenyl-phenylether  | 15.96 | 248 | 1166  | 0.394  | ng | 88    |
| 21) Hexachlorobenzene          | 16.07 | 284 | 1289  | 0.396  | ng | # 83  |
| 22) Pentachlorophenol          | 16.45 | 266 | 416   | 0.415  | ng | # 77  |
| 23) Phenanthrene               | 16.80 | 178 | 5979  | 0.383  | ng | 98    |
| 24) Anthracene                 | 16.89 | 178 | 5151  | 0.374  | ng | 95    |
| 26) Fluoranthene               | 18.83 | 202 | 7623  | 0.352  | ng | 99    |
| 28) Pyrene                     | 19.20 | 202 | 8063  | 0.411  | ng | 100   |
| 30) Benzo(a)anthracene         | 20.95 | 228 | 8302  | 0.383  | ng | 97    |
| 31) Chrysene                   | 21.00 | 228 | 9503  | 0.409  | ng | 100   |
| 32) Bis(2-ethylhexyl)phthalate | 20.91 | 149 | 13448 | 0.380  | ng | # 100 |
| 35) Benzo(b)fluoranthene       | 22.53 | 252 | 8324  | 0.365  | ng | # 90  |
| 36) Benzo(k)fluoranthene       | 22.53 | 252 | 8324  | 0.320  | ng | 94    |
| 37) Benzo(a)pyrene             | 23.11 | 252 | 8634  | 0.392  | ng | # 92  |

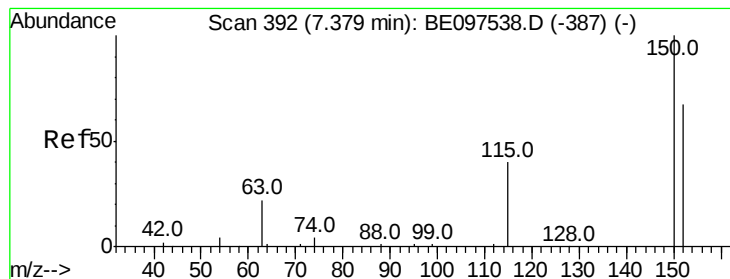
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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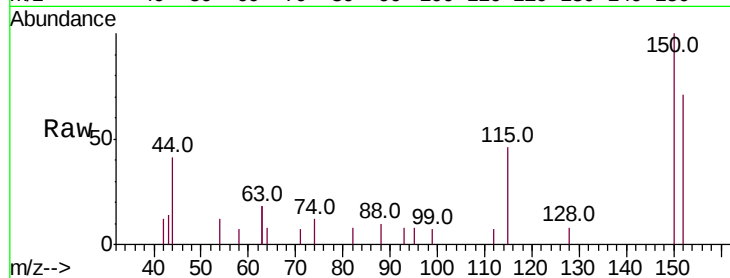


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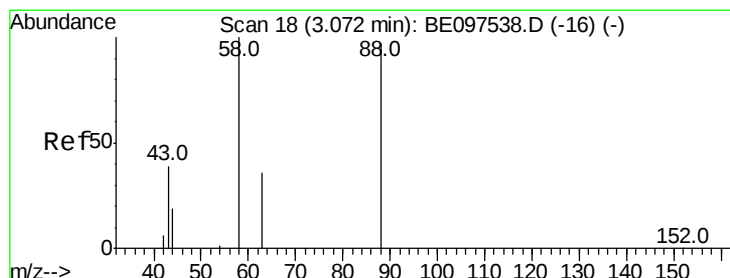
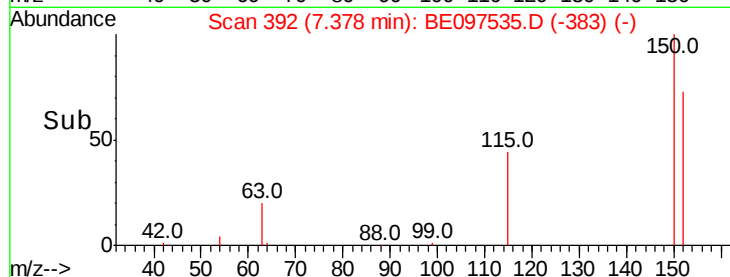
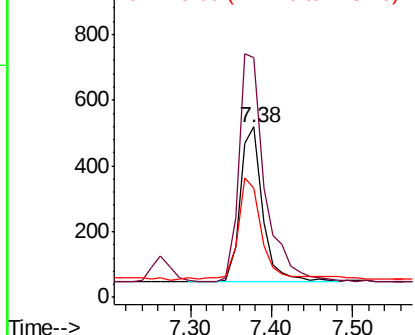
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.38 min Scan# 392  
Delta R.T. -0.00 min  
Lab File: BE097535.D  
Acq: 19 Sep 2018 11:37

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:152 Resp: 917  
Ion Ratio Lower Upper  
152 100  
150 140.8 117.2 175.8  
115 64.4 57.0 85.6



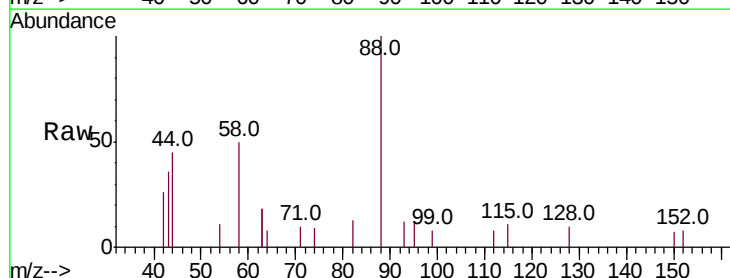
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



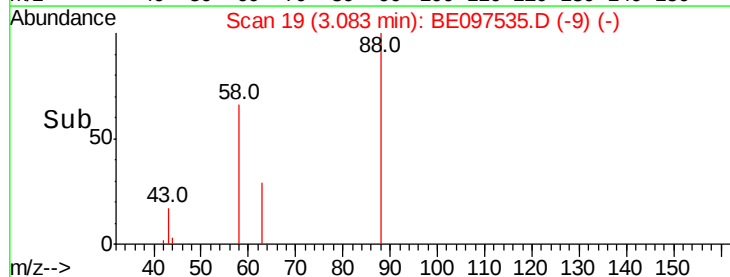
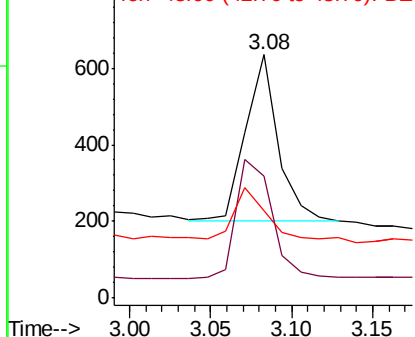
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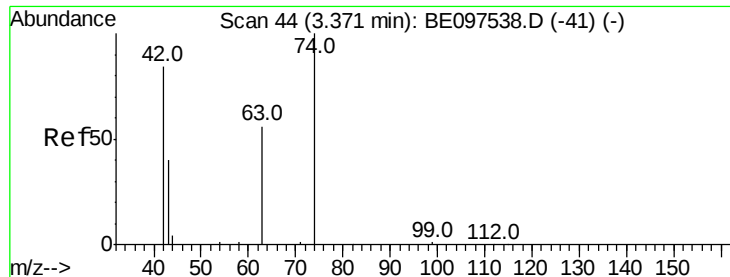
1,4-Dioxane  
Concen: 0.378 ng  
RT: 3.08 min Scan# 19  
Delta R.T. 0.01 min  
Lab File: BE097535.D  
Acq: 19 Sep 2018 11:37

Tgt Ion: 88 Resp: 596  
Ion Ratio Lower Upper  
88 100  
58 80.5 63.2 94.8  
43 27.9 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0  
Ion 58.00 (57.70 to 58.70): BE0  
Ion 43.00 (42.70 to 43.70): BE0



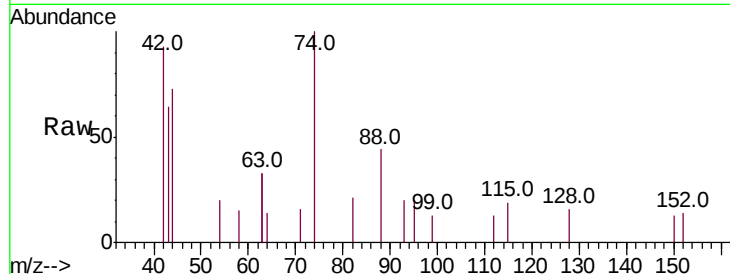


#3

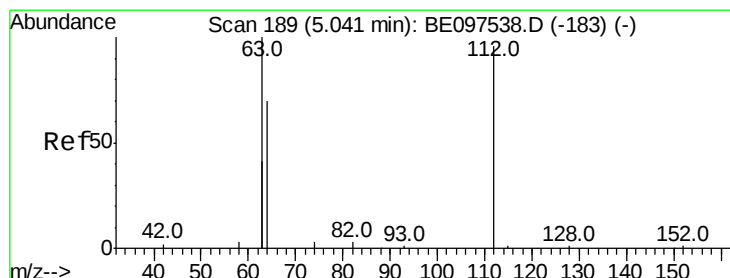
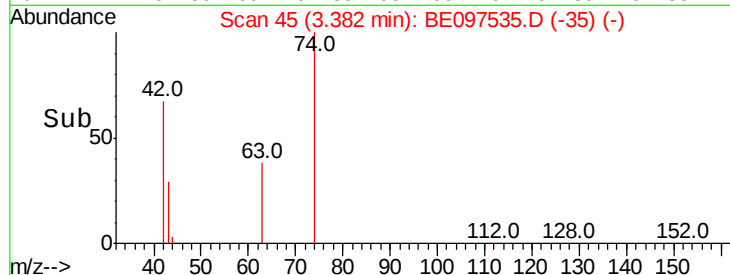
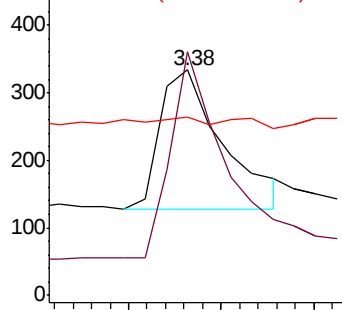
n-Nitrosodimethylamine  
 Concen: 0.365 ng  
 RT: 3.38 min Scan# 45  
 Delta R.T. 0.01 min  
 Lab File: BE097535.D  
 Acq: 19 Sep 2018 11:37

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Tot Ion: 42 Resp: 485  
 Ion Ratio Lower Upper  
 42 100  
 74 131.1 96.0 144.0  
 44 5.8 12.0 18.0#



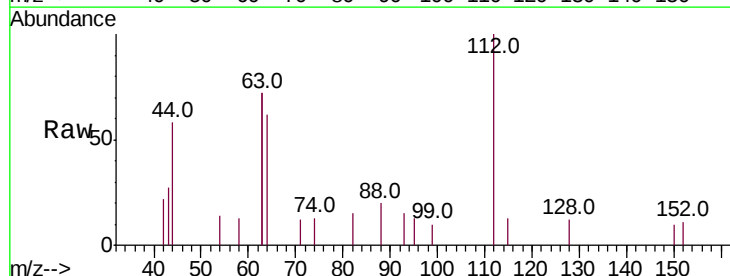
Abundance Ion 42.00 (41.70 to 42.70): BE0  
 Ion 74.00 (73.70 to 74.70): BE0  
 Ion 44.00 (43.70 to 44.70): BE0



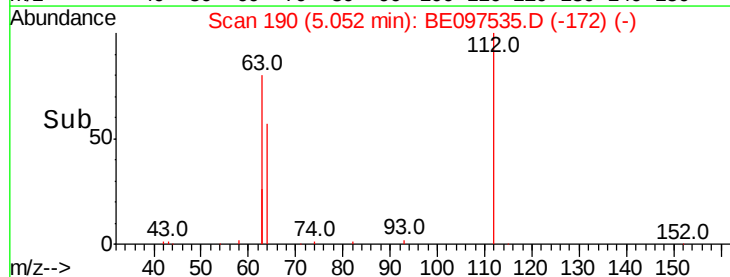
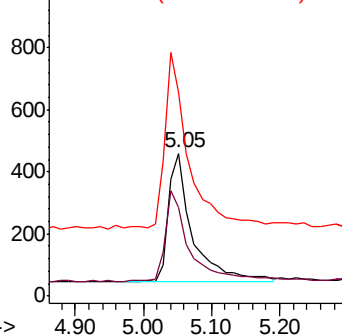
#4

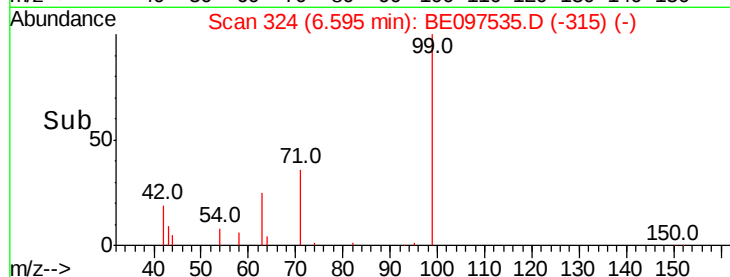
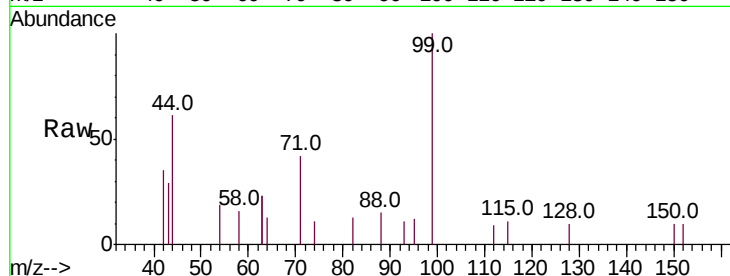
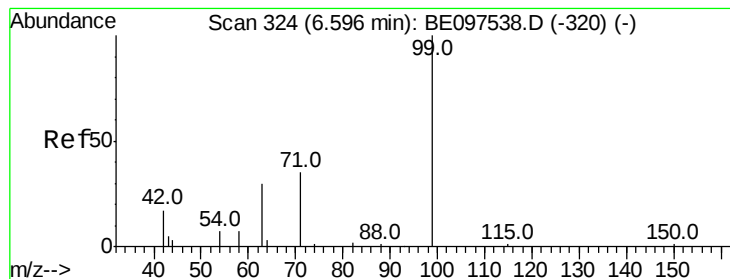
2-Fluorophenol  
 Concen: 0.373 ng  
 RT: 5.05 min Scan# 190  
 Delta R.T. 0.01 min  
 Lab File: BE097535.D  
 Acq: 19 Sep 2018 11:37

Tgt Ion: 112 Resp: 1026  
 Ion Ratio Lower Upper  
 112 100  
 64 68.6 60.1 90.1  
 63 130.4 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BE0  
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.356 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

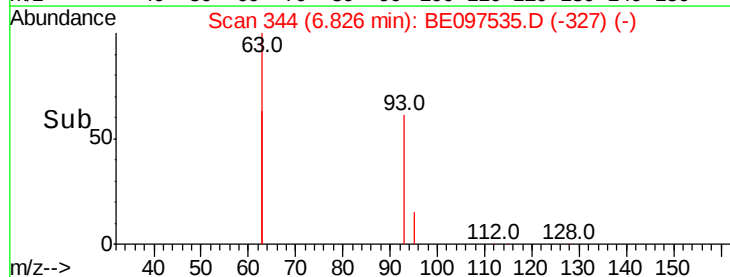
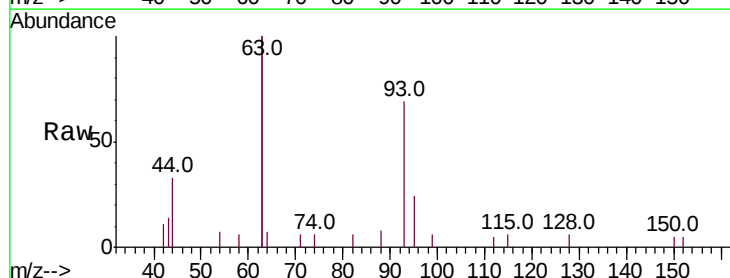
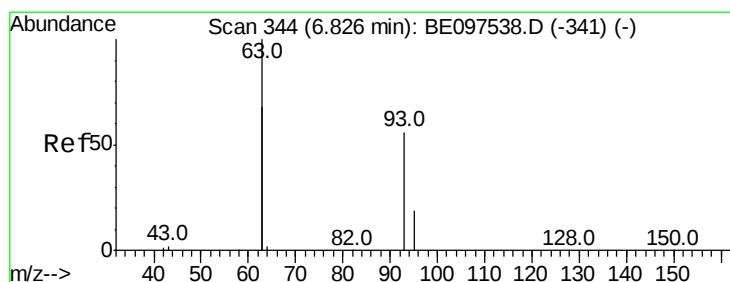
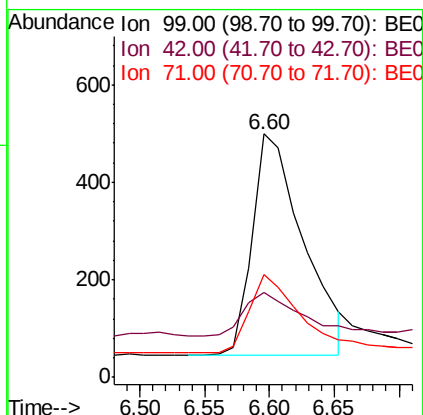
Tot Ion: 99 Resp: 1252

Ion Ratio Lower Upper

99 100

42 21.4 20.2 30.2

71 34.2 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.401 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

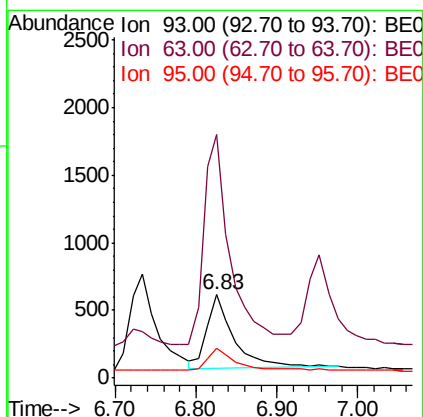
Tgt Ion: 93 Resp: 1308

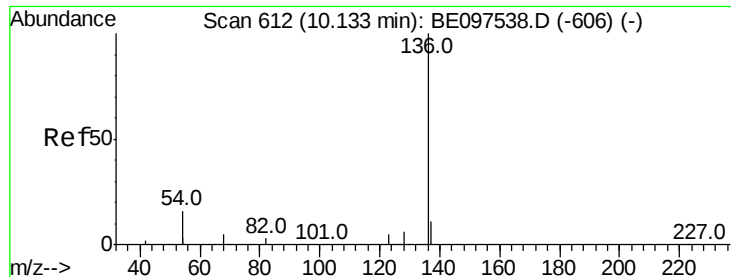
Ion Ratio Lower Upper

93 100

63 266.1 275.3 412.9#

95 30.2 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4209

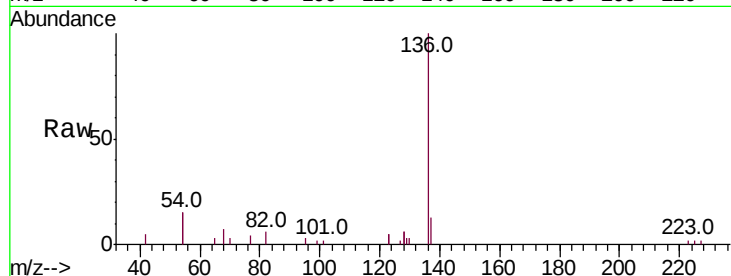
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 30.9 29.1 43.7

68 7.2 6.2 9.2

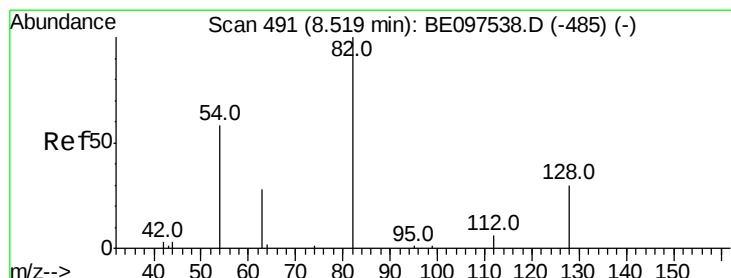
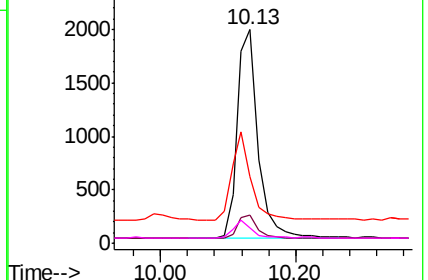
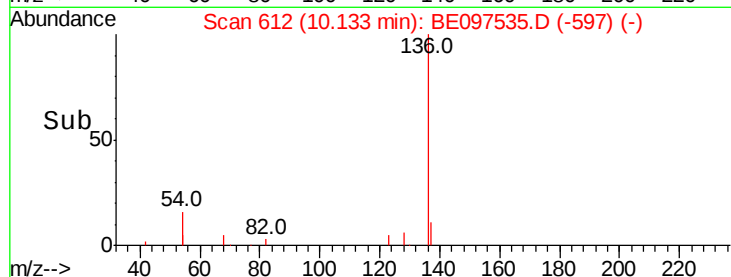


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.371 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

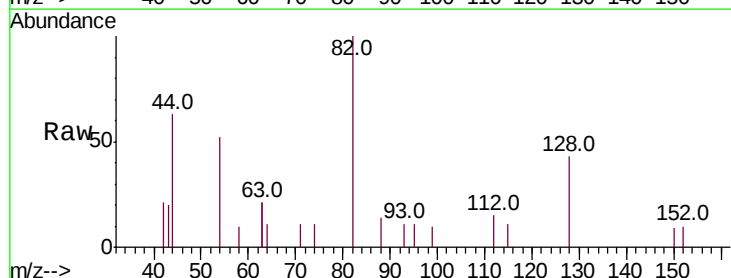
Tgt Ion: 82 Resp: 1207

Ion Ratio Lower Upper

82 100

128 42.9 24.0 36.0#

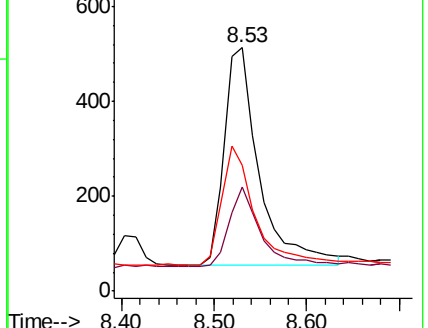
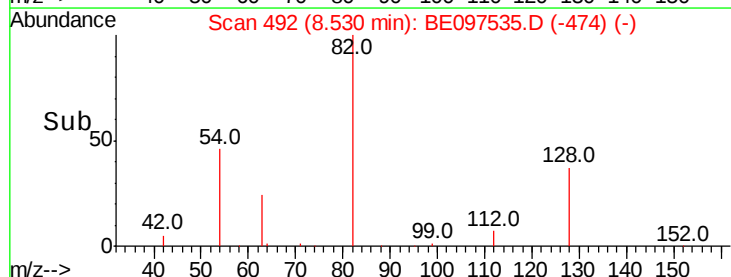
54 51.7 40.0 60.0

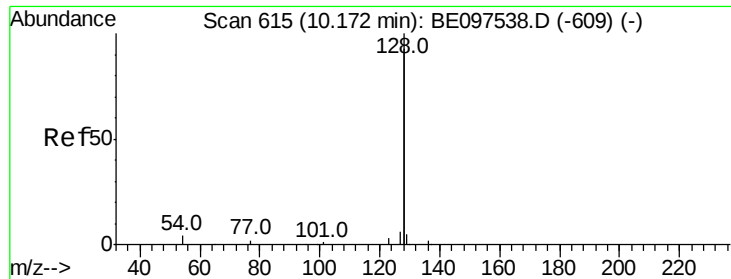


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.404 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

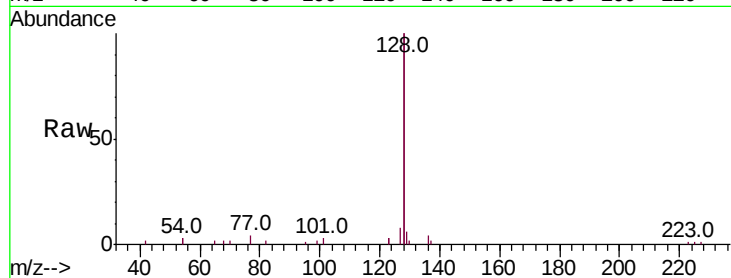
Tot Ion:128 Resp: 15300

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

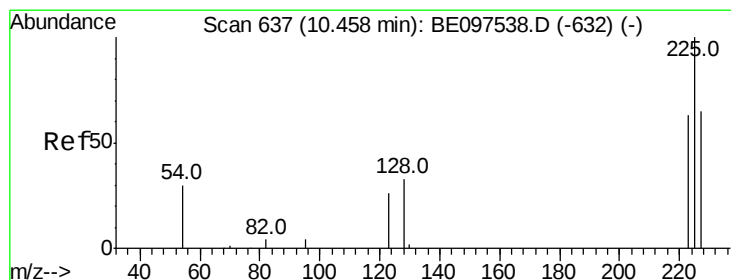
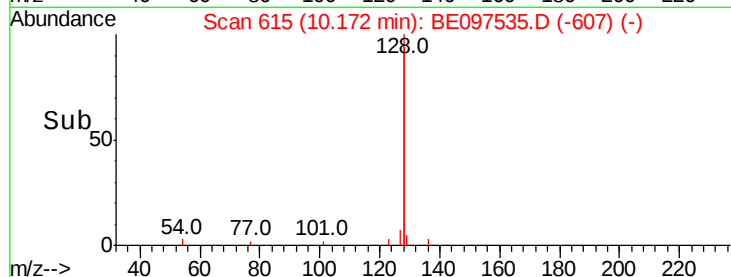
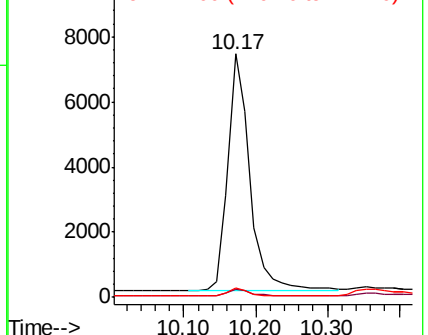
127 3.9 2.8 4.2



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: 0.394 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

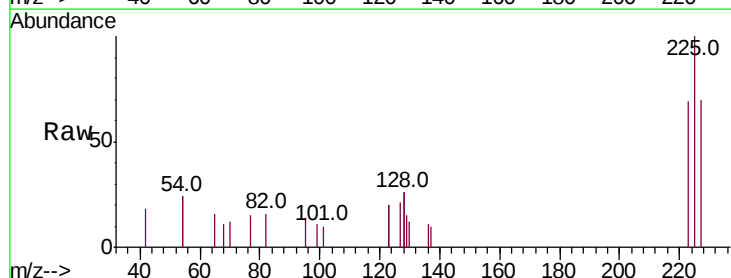
Tgt Ion:225 Resp: 688

Ion Ratio Lower Upper

225 100

223 65.0 53.0 79.6

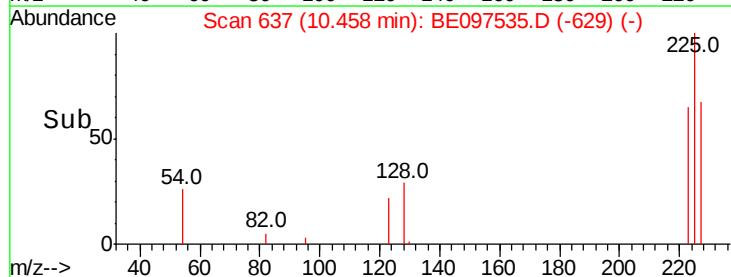
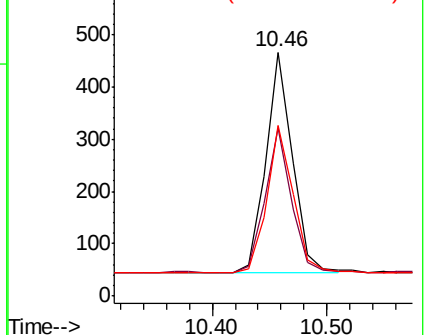
227 66.1 51.4 77.2

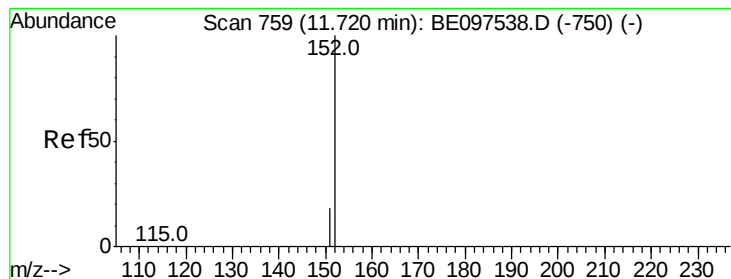


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 11.71 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Instrument :

BNA\_E

ClientSampleId :

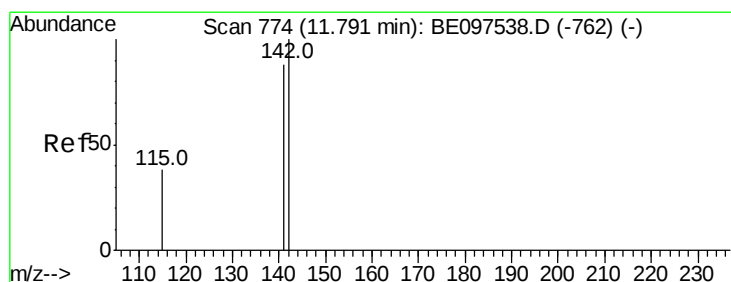
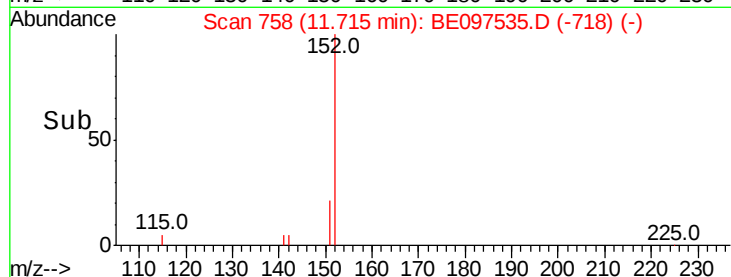
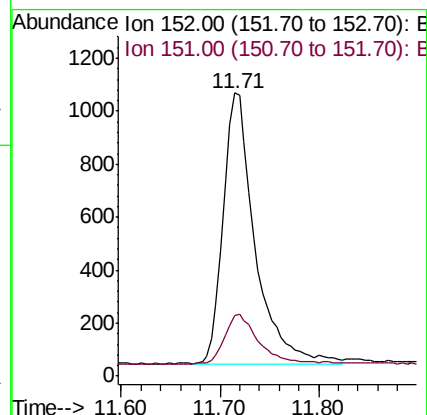
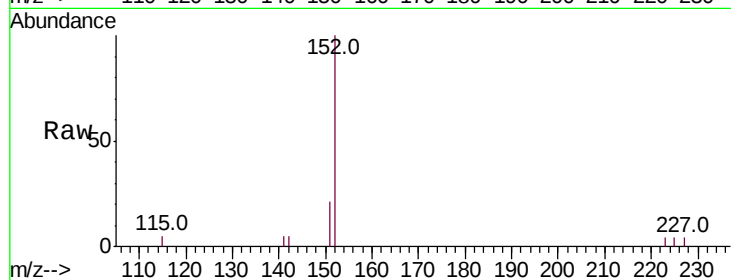
SSTDCCC0.4

Tot Ion:152 Resp: 2282

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.394 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

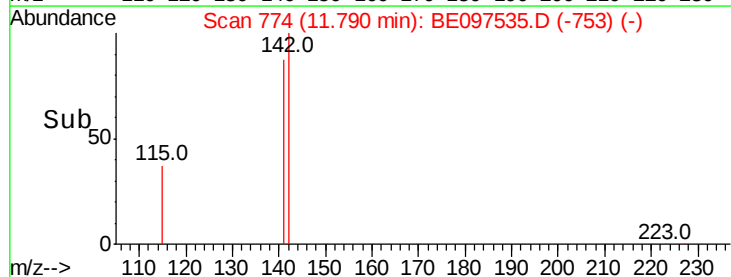
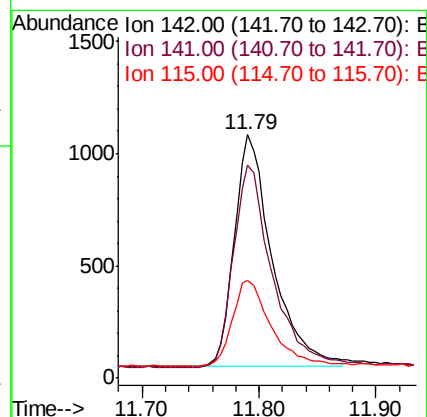
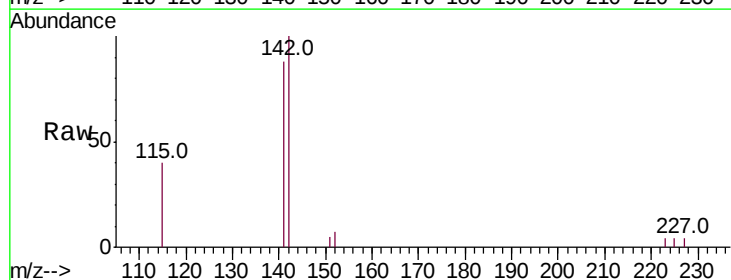
Tgt Ion:142 Resp: 2329

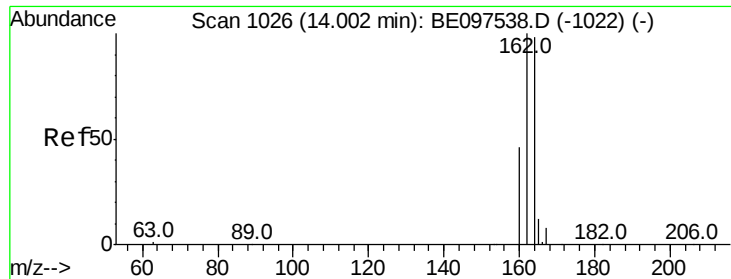
Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

115 40.3 31.7 47.5

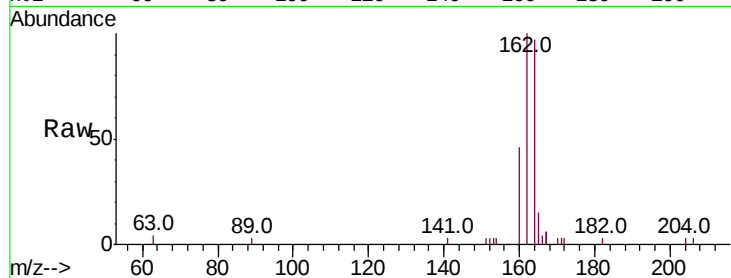




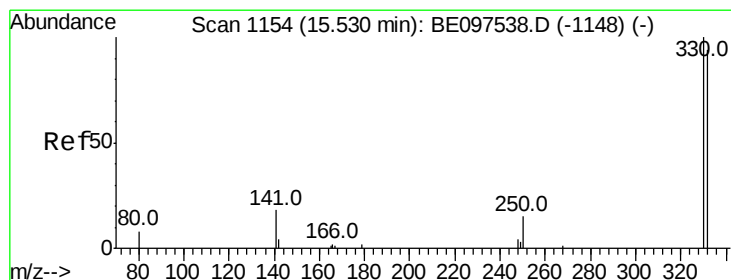
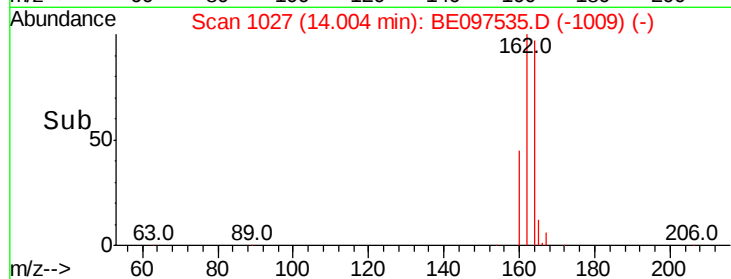
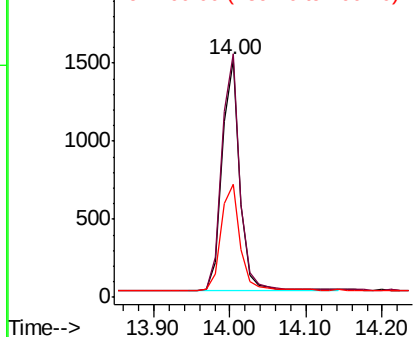
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.00 min Scan# 1027  
 Delta R.T. 0.00 min  
 Lab File: BE097535.D  
 Acq: 19 Sep 2018 11:37

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTCCCC0.4

Tot Ion:164 Resp: 2414  
 Ion Ratio Lower Upper  
 164 100  
 162 102.6 83.1 124.7  
 160 47.7 37.1 55.7

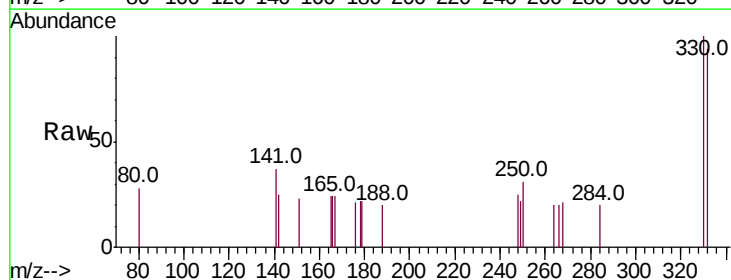


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

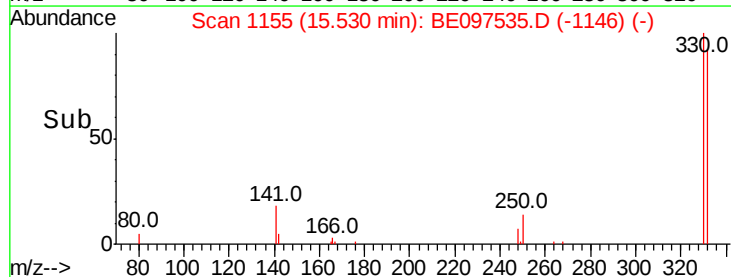
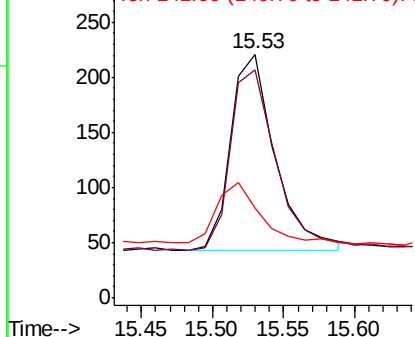


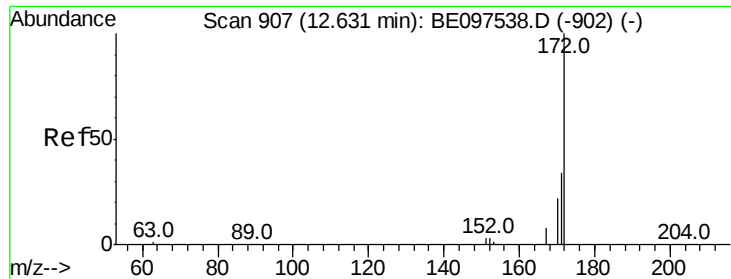
#14  
 2,4,6-Tribromophenol  
 Concen: 0.421 ng  
 RT: 15.53 min Scan# 1155  
 Delta R.T. -0.00 min  
 Lab File: BE097535.D  
 Acq: 19 Sep 2018 11:37

Tgt Ion:330 Resp: 386  
 Ion Ratio Lower Upper  
 330 100  
 332 94.8 152.7 229.1#  
 141 29.3 33.7 50.5#



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

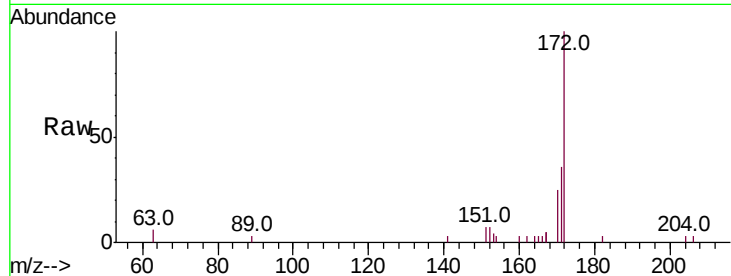




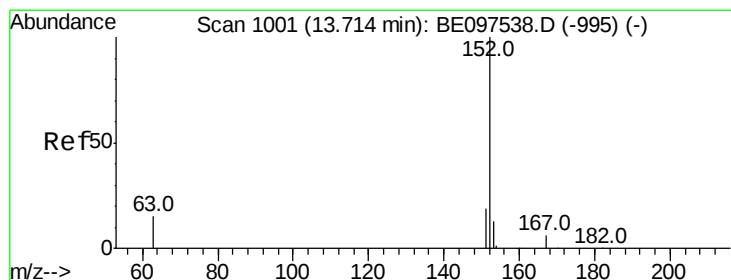
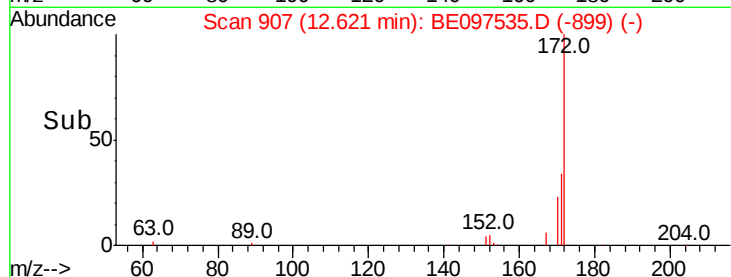
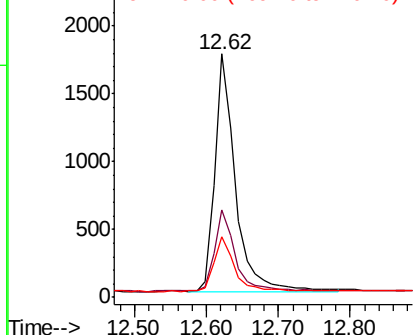
#15  
2-Fluorobiphenyl  
Concen: 0.405 ng  
RT: 12.62 min Scan# 907  
Delta R.T. -0.01 min  
Lab File: BE097535.D  
Acq: 19 Sep 2018 11:37

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:172 Resp: 3456  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.9 44.9  
170 25.1 21.8 32.8

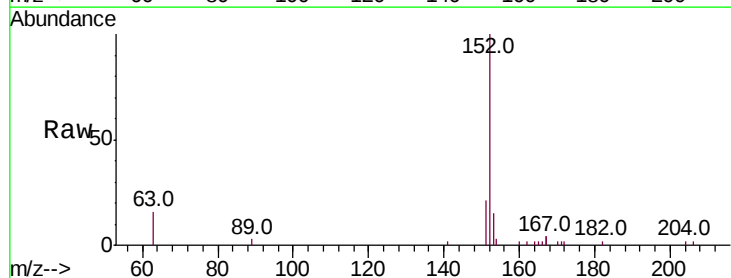


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

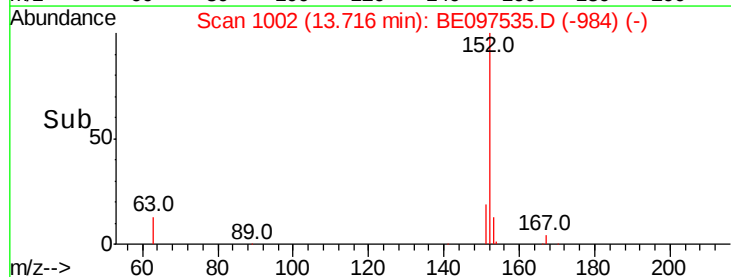
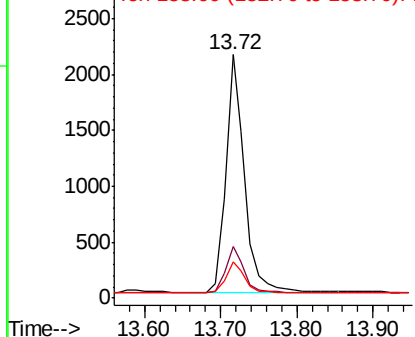


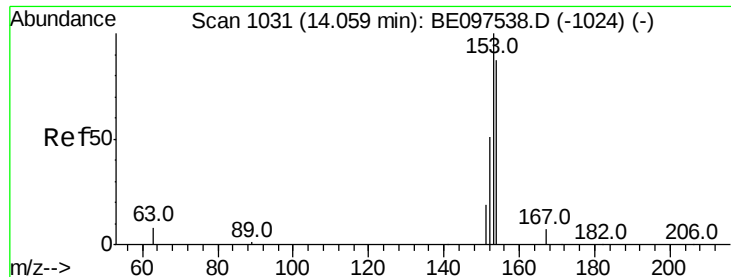
#16  
Acenaphthylene  
Concen: 0.386 ng  
RT: 13.72 min Scan# 1002  
Delta R.T. 0.00 min  
Lab File: BE097535.D  
Acq: 19 Sep 2018 11:37

Tgt Ion:152 Resp: 3682  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.7 23.5  
153 13.3 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

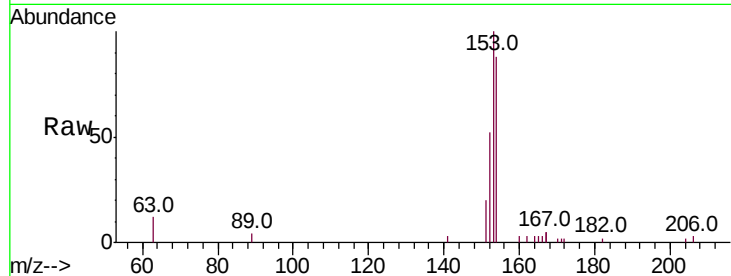




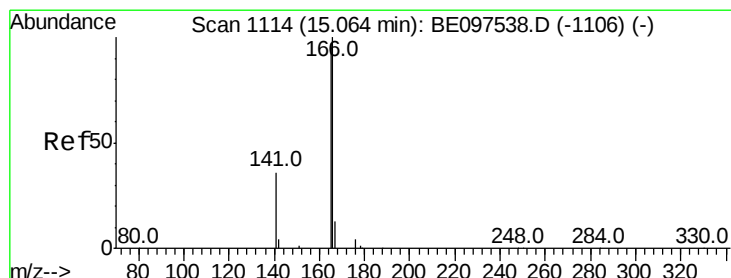
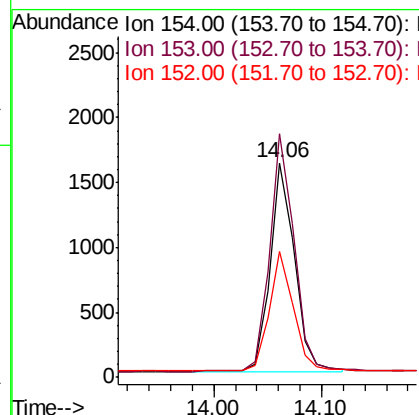
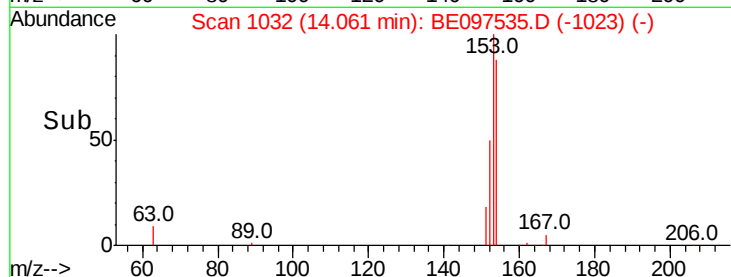
#17  
Acenaphthene  
Concen: 0.393 ng  
RT: 14.06 min Scan# 1032  
Delta R.T. 0.00 min  
Lab File: BE097535.D  
Acq: 19 Sep 2018 11:37

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:154 Resp: 2515  
Ion Ratio Lower Upper  
154 100  
153 114.2 89.2 133.8  
152 57.1 42.0 63.0

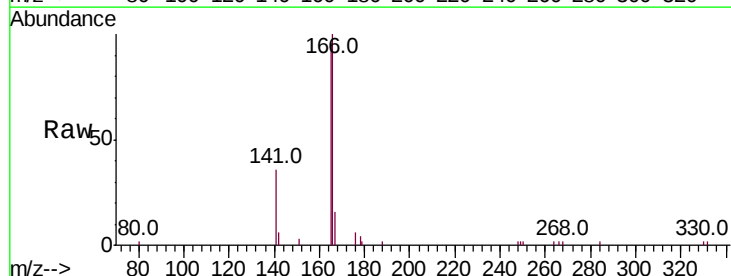


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

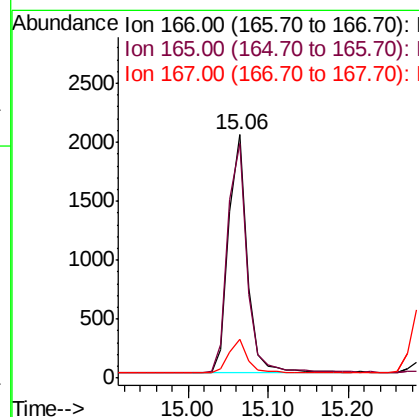
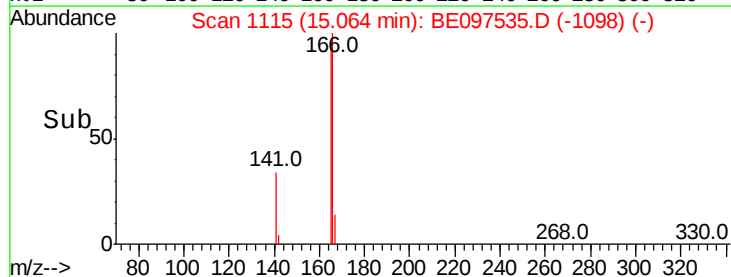


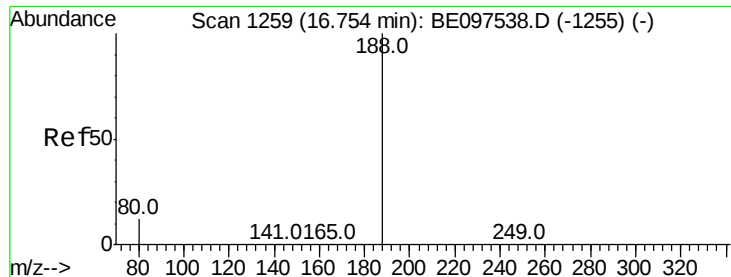
#18  
Fluorene  
Concen: 0.388 ng  
RT: 15.06 min Scan# 1115  
Delta R.T. -0.00 min  
Lab File: BE097535.D  
Acq: 19 Sep 2018 11:37

Tgt Ion:166 Resp: 3238  
Ion Ratio Lower Upper  
166 100  
165 101.1 77.8 116.6  
167 13.5 42.4 63.6#



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: 16.75 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

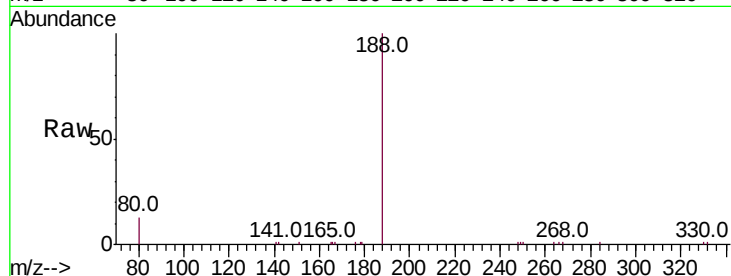
Tot Ion:188 Resp: 6568

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

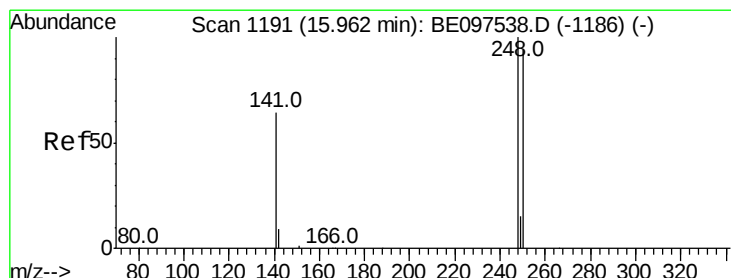
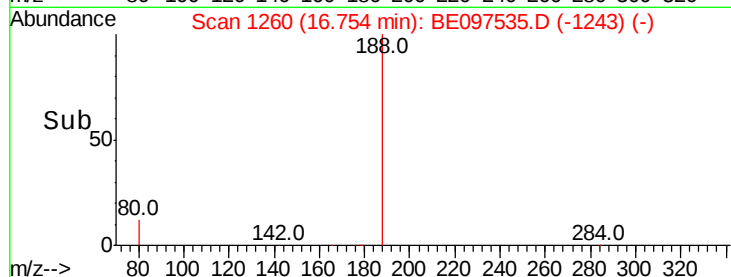
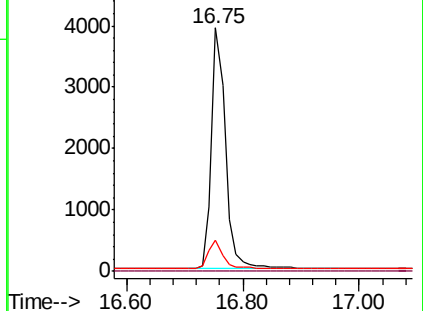
80 13.0 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

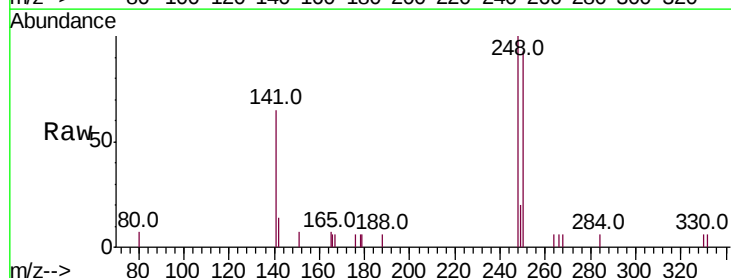
Tgt Ion:248 Resp: 1166

Ion Ratio Lower Upper

248 100

250 93.1 62.7 94.1

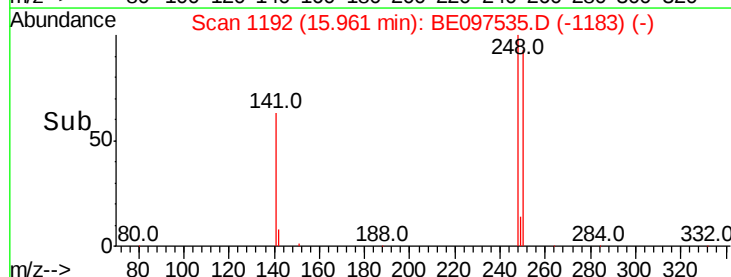
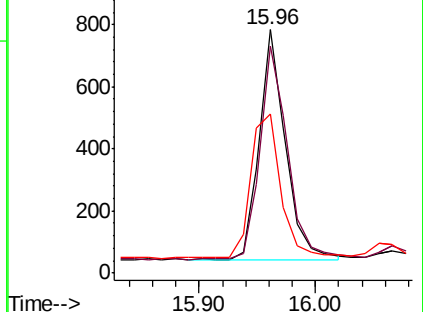
141 65.3 48.2 72.2

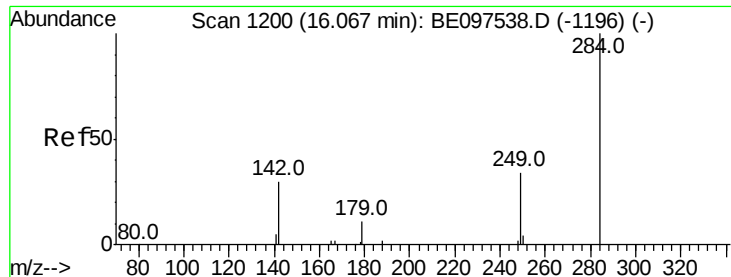


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.396 ng

RT: 16.07 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

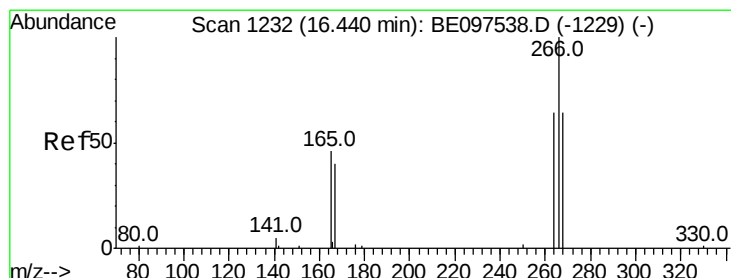
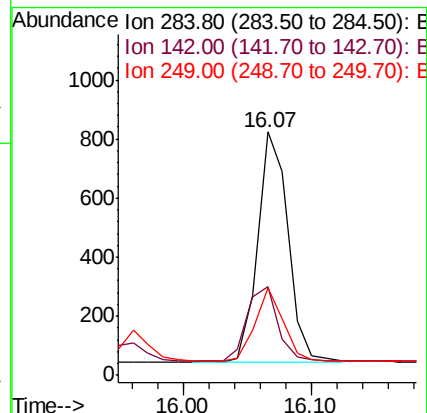
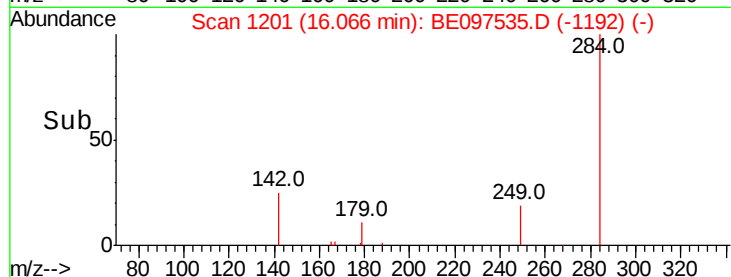
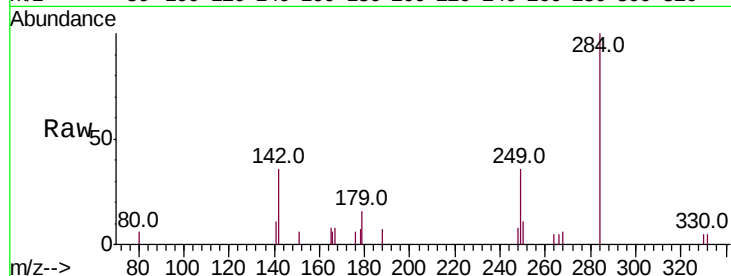
Tot Ion:284 Resp: 1289

Ion Ratio Lower Upper

284 100

142 32.9 22.1 33.1

249 29.3 34.8 52.2#



#22

Pentachlorophenol

Concen: 0.415 ng

RT: 16.45 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

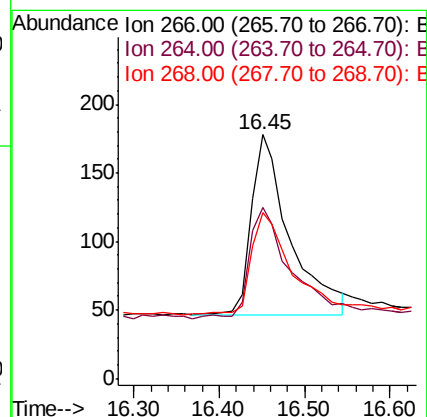
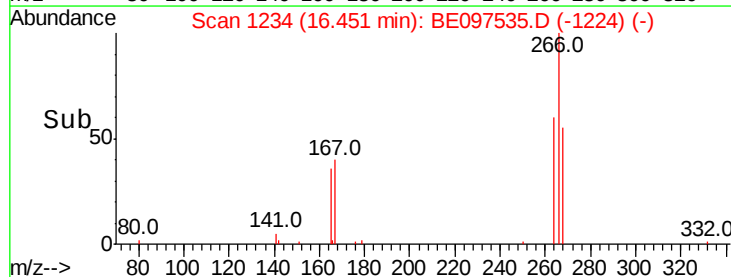
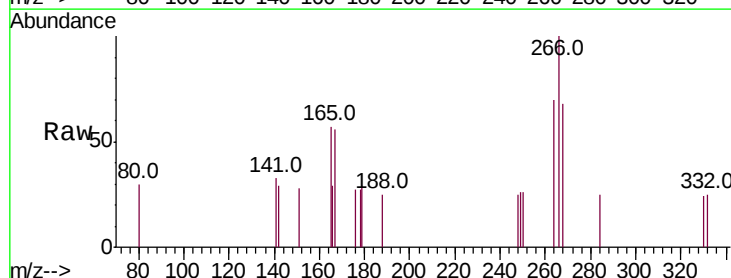
Tgt Ion:266 Resp: 416

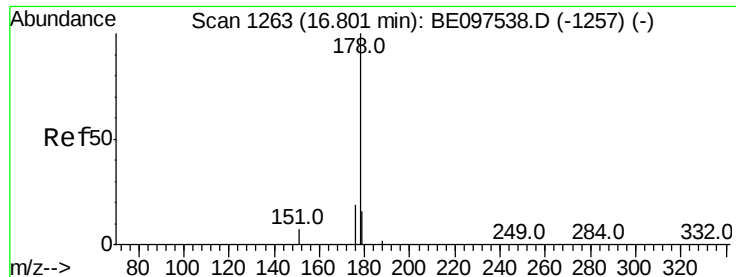
Ion Ratio Lower Upper

266 100

264 70.2 72.5 108.7#

268 68.0 73.8 110.6#





#23

Phenanthrene

Concen: 0.383 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

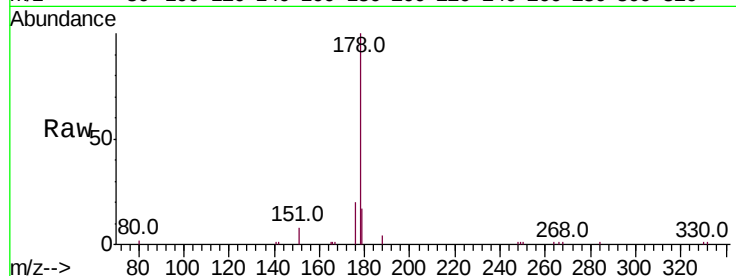
Tot Ion:178 Resp: 5979

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

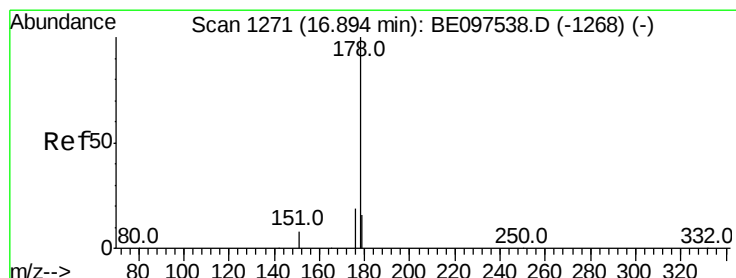
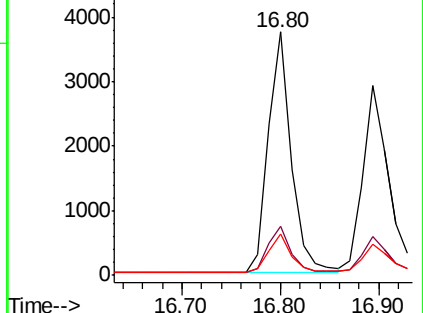
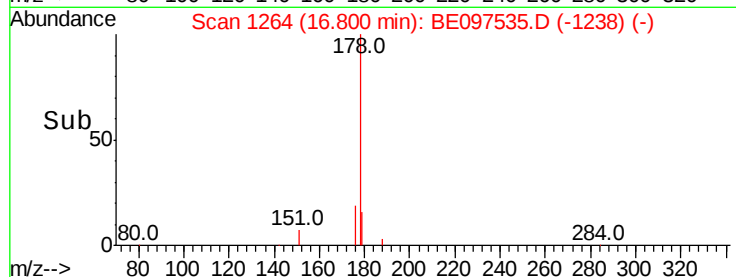
179 15.8 11.8 17.6



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: 0.374 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

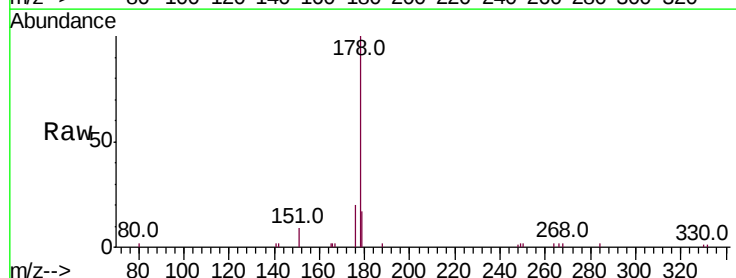
Tgt Ion:178 Resp: 5151

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

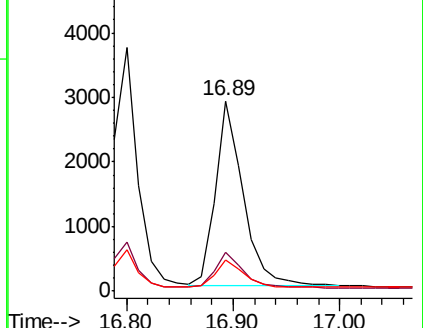
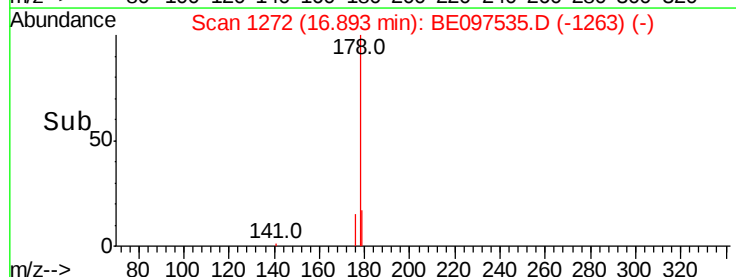
179 15.0 13.0 19.6

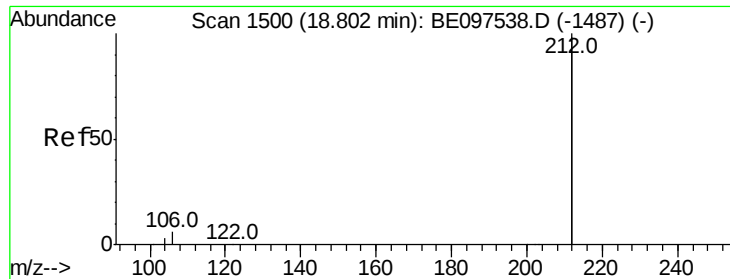


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

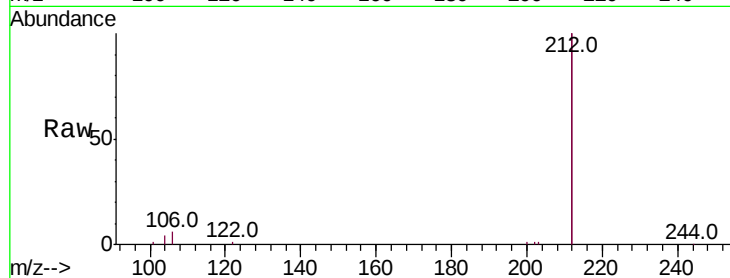
Tot Ion:212 Resp: 29751

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

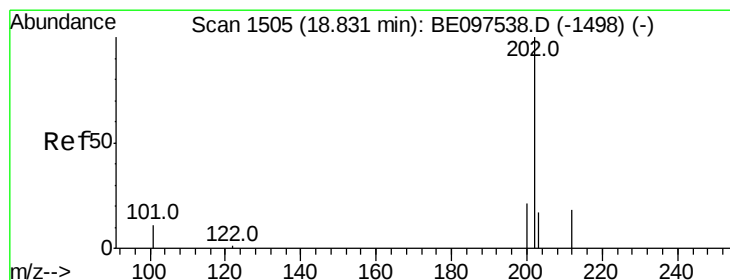
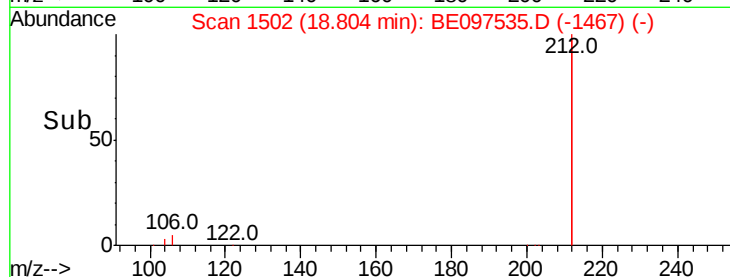
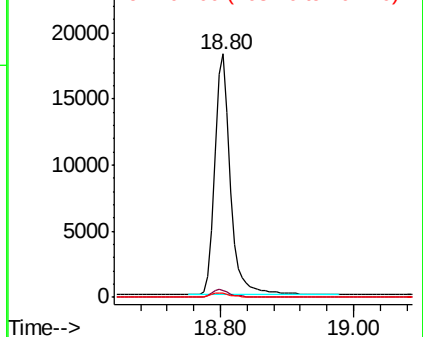
104 1.8 1.6 2.4



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: 0.352 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

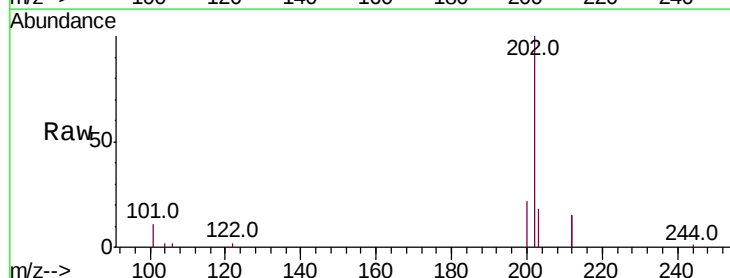
Tgt Ion:202 Resp: 7623

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.8

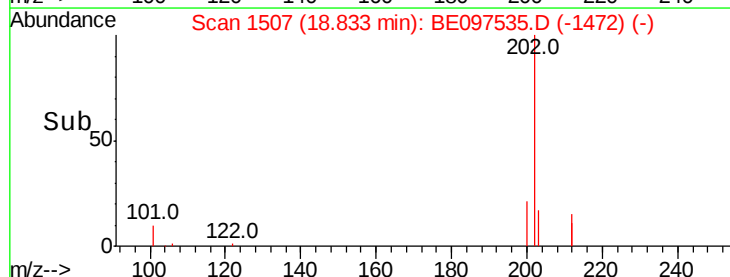
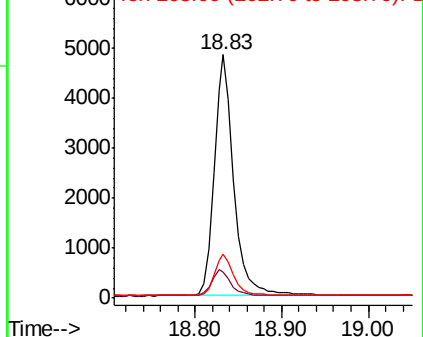
203 17.0 13.7 20.5

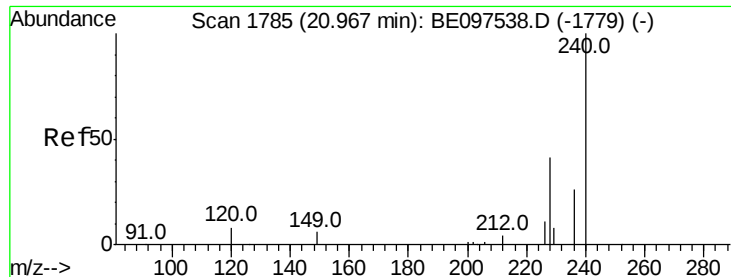


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

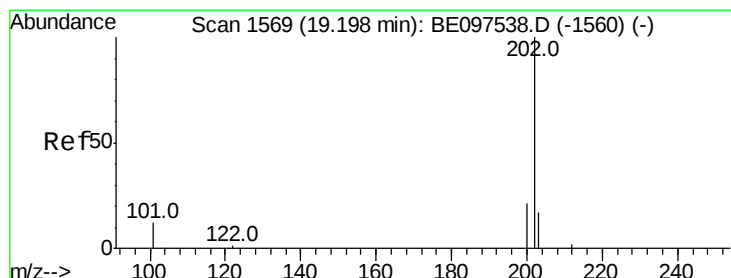
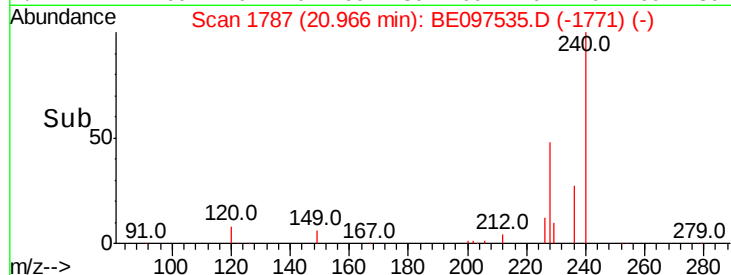
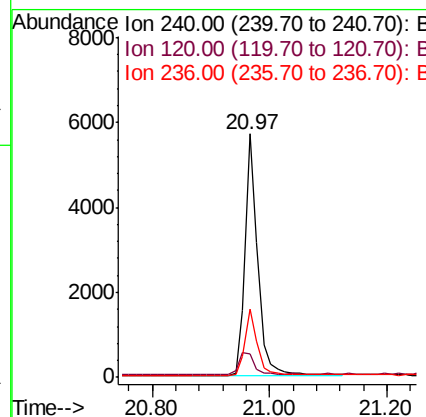
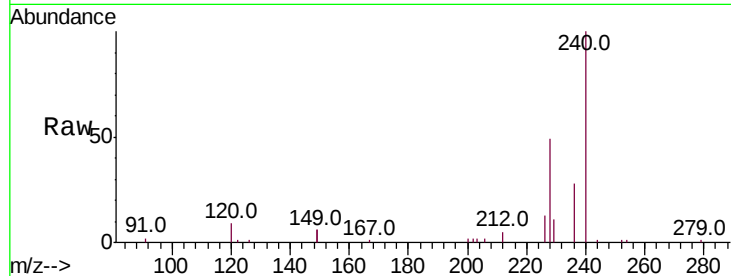




#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 20.97 min Scan# 1787  
 Delta R.T. -0.00 min  
 Lab File: BE097535.D  
 Acq: 19 Sep 2018 11:37

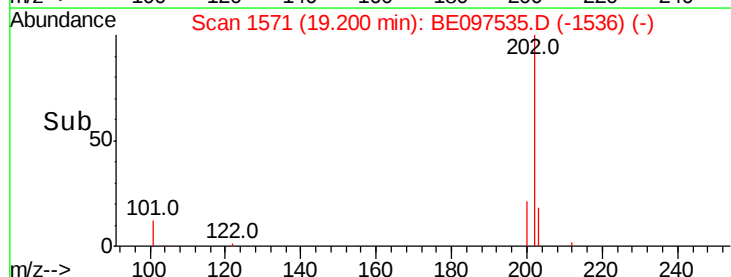
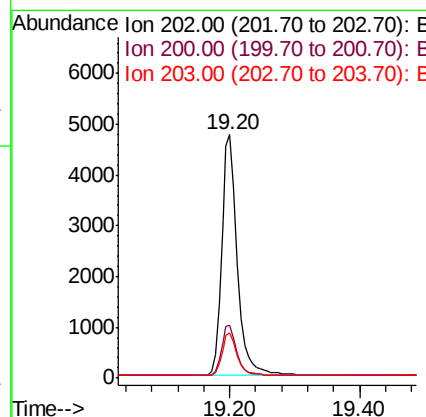
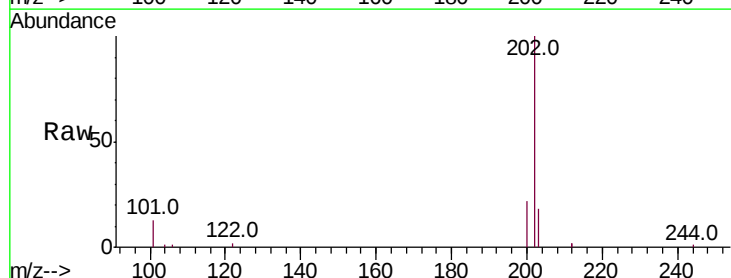
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

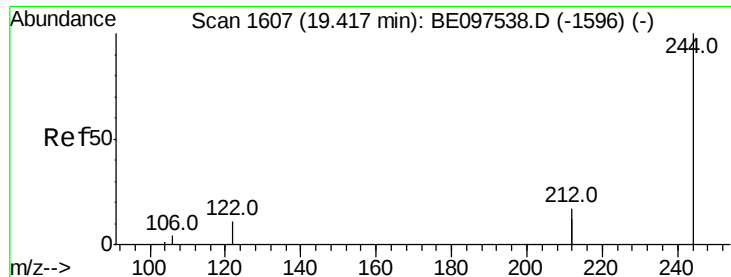
Tot Ion:240 Resp: 8611  
 Ion Ratio Lower Upper  
 240 100  
 120 9.4 5.5 8.3#  
 236 27.8 20.7 31.1



#28  
 Pyrene  
 Concen: 0.411 ng  
 RT: 19.20 min Scan# 1571  
 Delta R.T. 0.00 min  
 Lab File: BE097535.D  
 Acq: 19 Sep 2018 11:37

Tgt Ion:202 Resp: 8063  
 Ion Ratio Lower Upper  
 202 100  
 200 20.9 16.6 25.0  
 203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

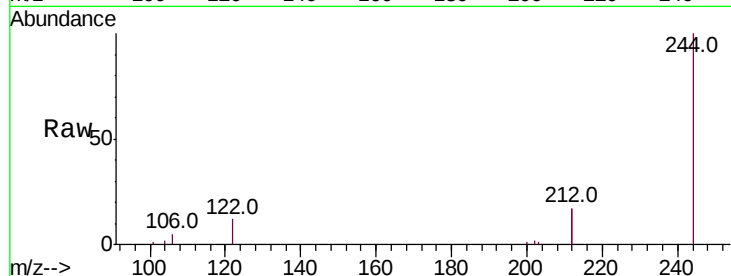
Tot Ion:244 Resp: 6172

Ion Ratio Lower Upper

244 100

212 33.8 25.4 38.0

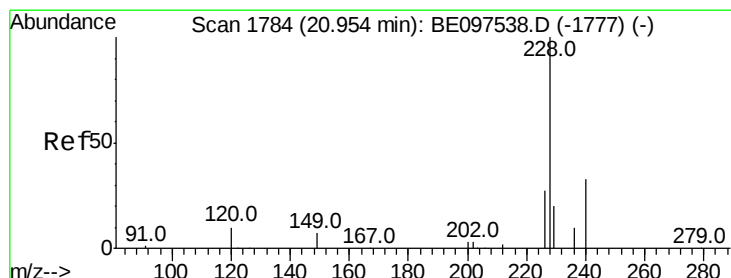
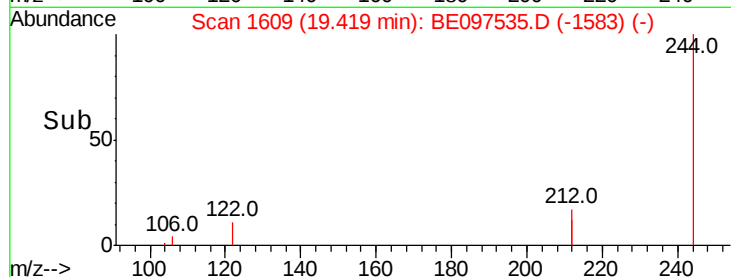
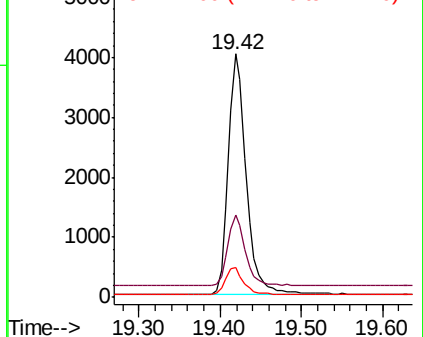
122 12.0 8.1 12.1



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: 0.383 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

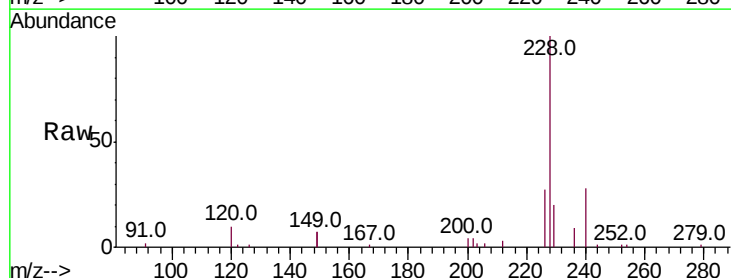
Tgt Ion:228 Resp: 8302

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

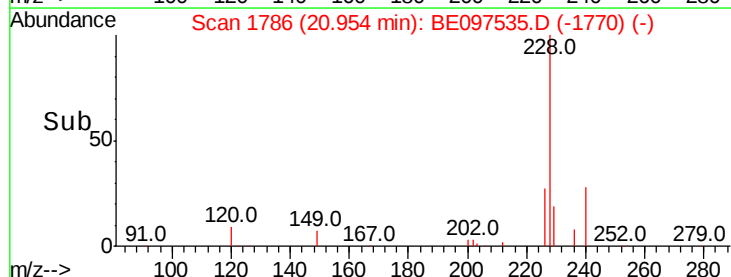
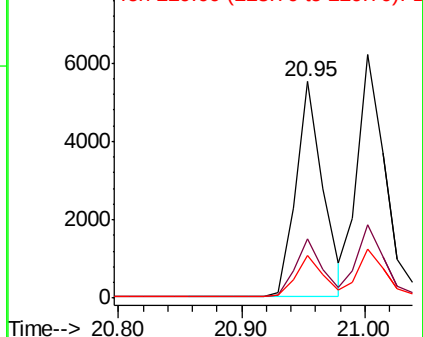
229 19.9 16.0 24.0

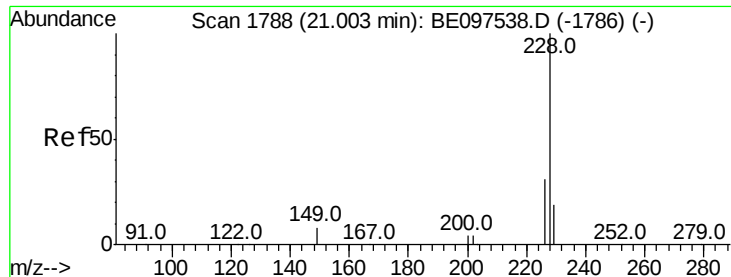


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.409 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Instrument :

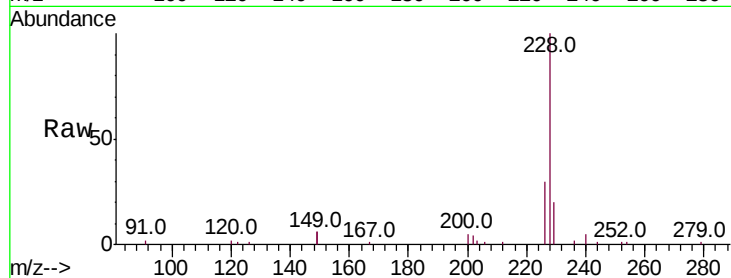
BNA\_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 9503

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.1  | 24.0  | 36.0  |
| 229 | 19.9  | 16.0  | 24.0  |

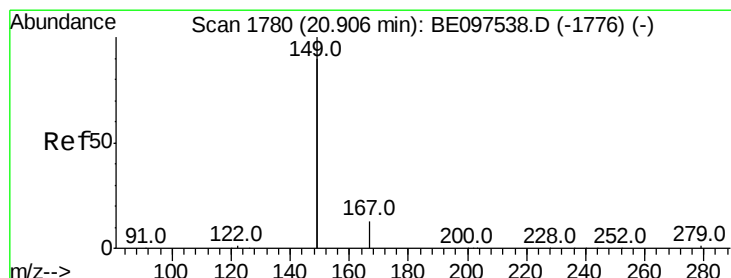
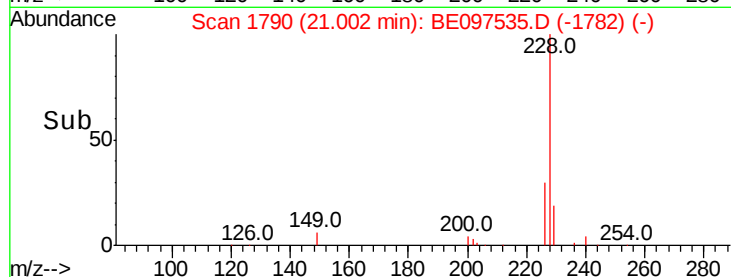
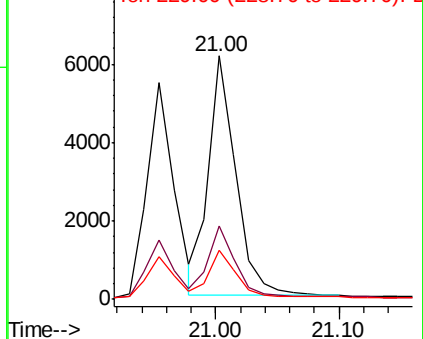


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.380 ng

RT: 20.91 min Scan# 1782

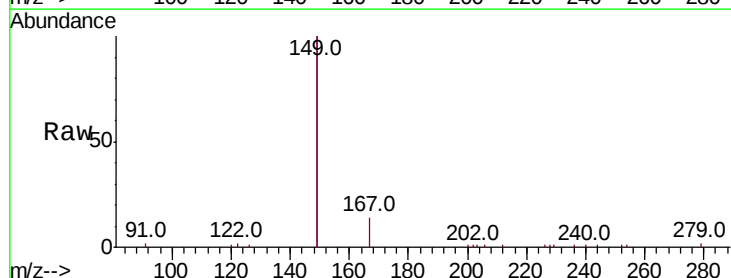
Delta R.T. -0.00 min

Lab File: BE097535.D

Acq: 19 Sep 2018 11:37

Tgt Ion:149 Resp: 13448

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 6.7   | 5.4   | 8.0   |
| 279 | 1.2   | 0.7   | 1.1#  |

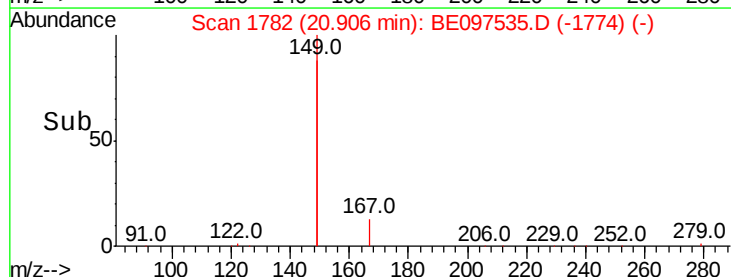
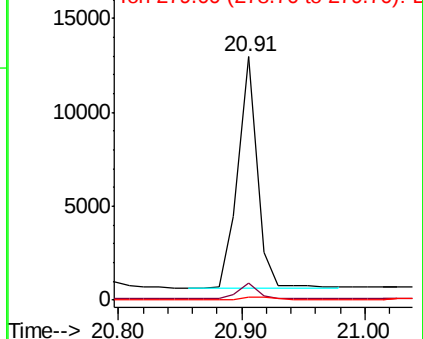


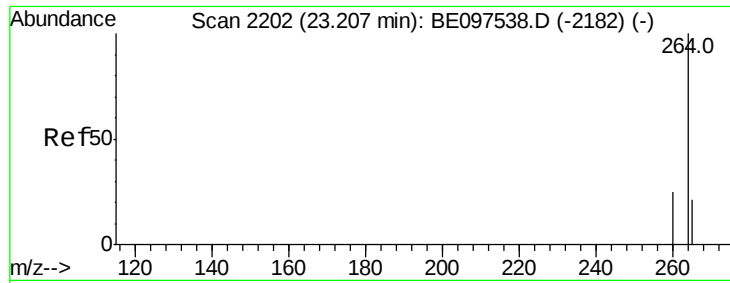
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

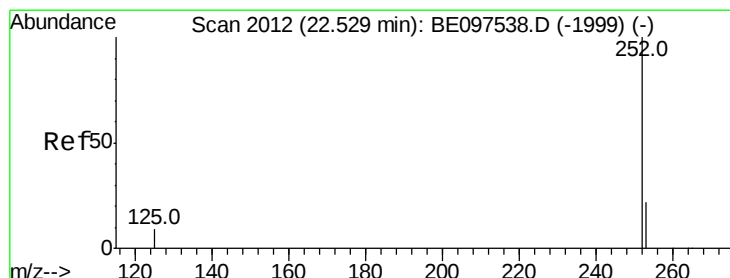
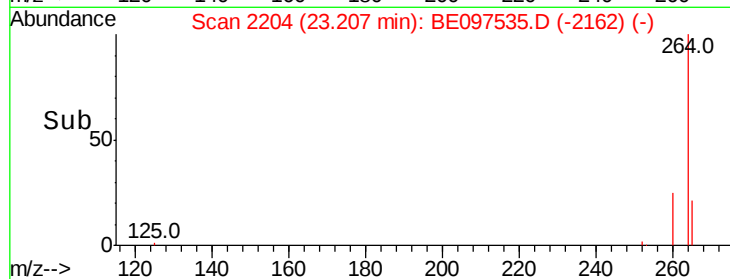
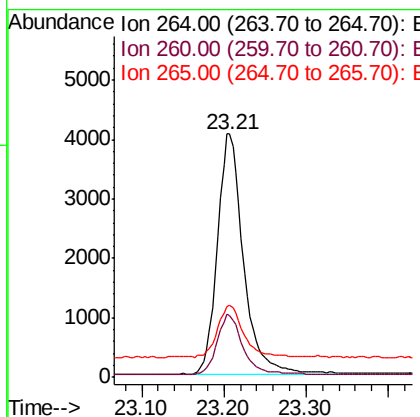
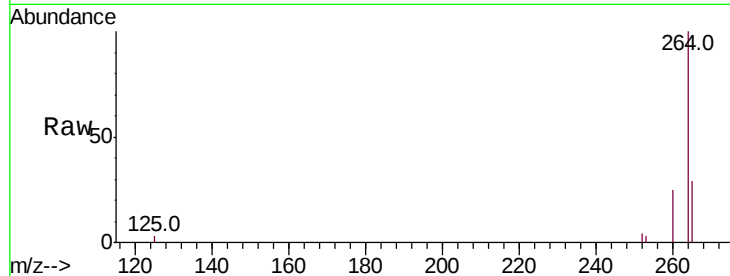




#34  
Pervlene-d12  
Concen: 0.400 ng  
RT: 23.21 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: BE097535.D  
Acq: 19 Sep 2018 11:37

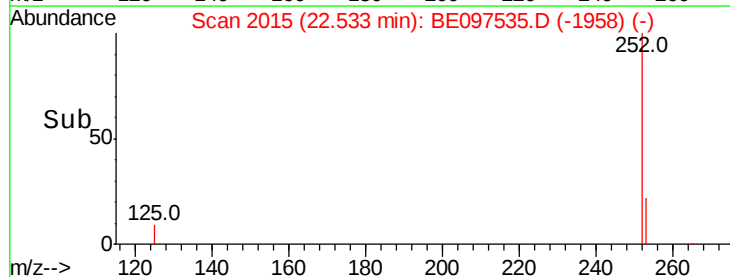
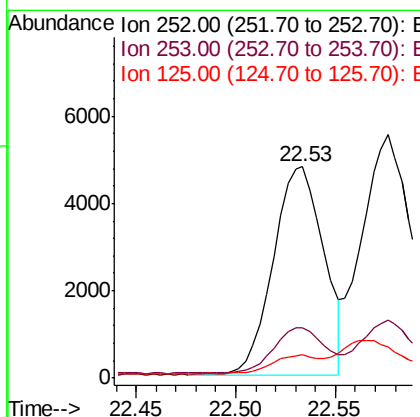
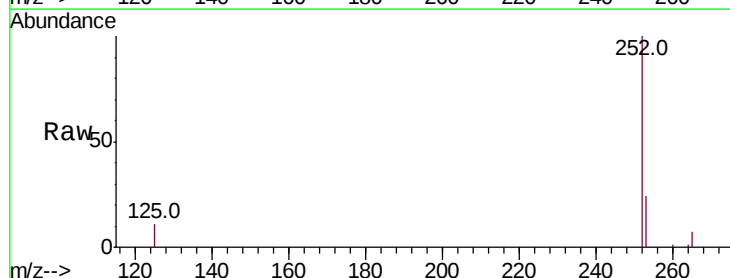
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

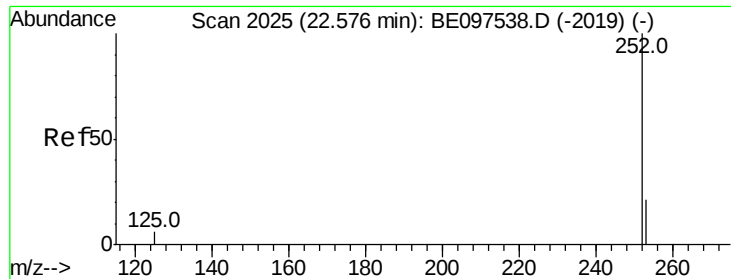
Tot Ion:264 Resp: 8885  
Ion Ratio Lower Upper  
264 100  
260 25.5 20.5 30.7  
265 29.4 22.8 34.2



#35  
Benzo(b)fluoranthene  
Concen: 0.365 ng  
RT: 22.53 min Scan# 2015  
Delta R.T. 0.00 min  
Lab File: BE097535.D  
Acq: 19 Sep 2018 11:37

Tgt Ion:252 Resp: 8324  
Ion Ratio Lower Upper  
252 100  
253 23.8 20.0 30.0  
125 10.8 16.0 24.0#

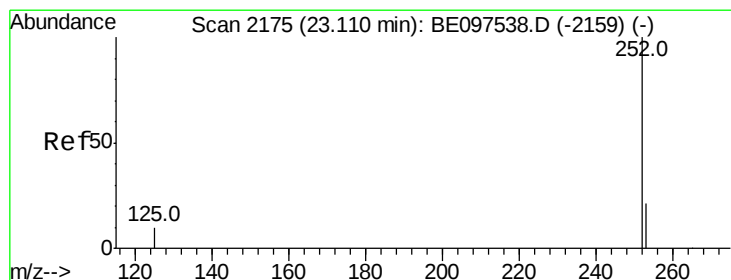
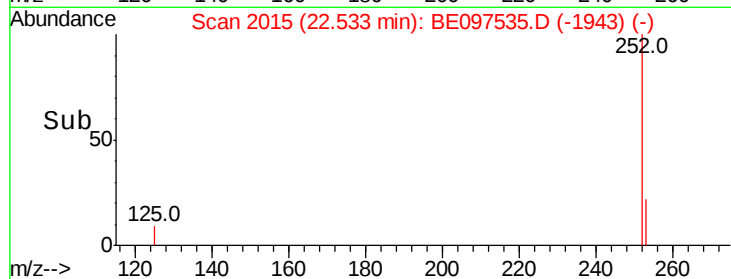
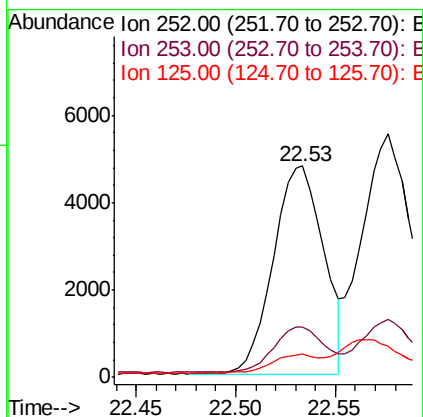
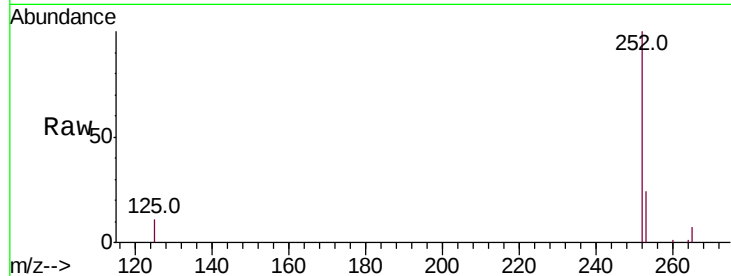




#36  
Benzo(k)fluoranthene  
Concen: 0.320 ng  
RT: 22.53 min Scan# 2015  
Delta R.T. -0.04 min  
Lab File: BE097535.D  
Acq: 19 Sep 2018 11:37

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:252 Resp: 8324  
Ion Ratio Lower Upper  
252 100  
253 23.8 16.0 24.0  
125 10.8 8.0 12.0



#37  
Benzo(a)pyrene  
Concen: 0.392 ng  
RT: 23.11 min Scan# 2176  
Delta R.T. -0.00 min  
Lab File: BE097535.D  
Acq: 19 Sep 2018 11:37

Tgt Ion:252 Resp: 8634  
Ion Ratio Lower Upper  
252 100  
253 24.0 16.0 24.0#  
125 12.5 12.0 18.0

