

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\  
 Data File : BE094915.D  
 Acq On : 5 Dec 2017 15:27  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Dec 06 04:02:24 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 13:33:28 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.48  | 152  | 6959     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 11.33 | 136  | 15439    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 15.08 | 164  | 8489     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.79 | 188  | 21502    | 0.40 | ng    | 0.02     |
| 27) Chrysene-d12          | 21.89 | 240  | 22840    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.57 | 264  | 16100    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.95  | 112 | 2417   | 0.22 | ng | 0.00 |
| 5) Phenol-d6                | 7.60  | 99  | 4472   | 0.27 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.66  | 82  | 2101   | 0.23 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.87 | 152 | 9698   | 0.39 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.53 | 330 | 333    | 0.25 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.71 | 172 | 14690  | 0.40 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.77 | 212 | 104968 | 0.36 | ng | 0.00 |
| 29) Terphenyl-d14           | 20.33 | 244 | 16960  | 0.40 | ng | 0.00 |

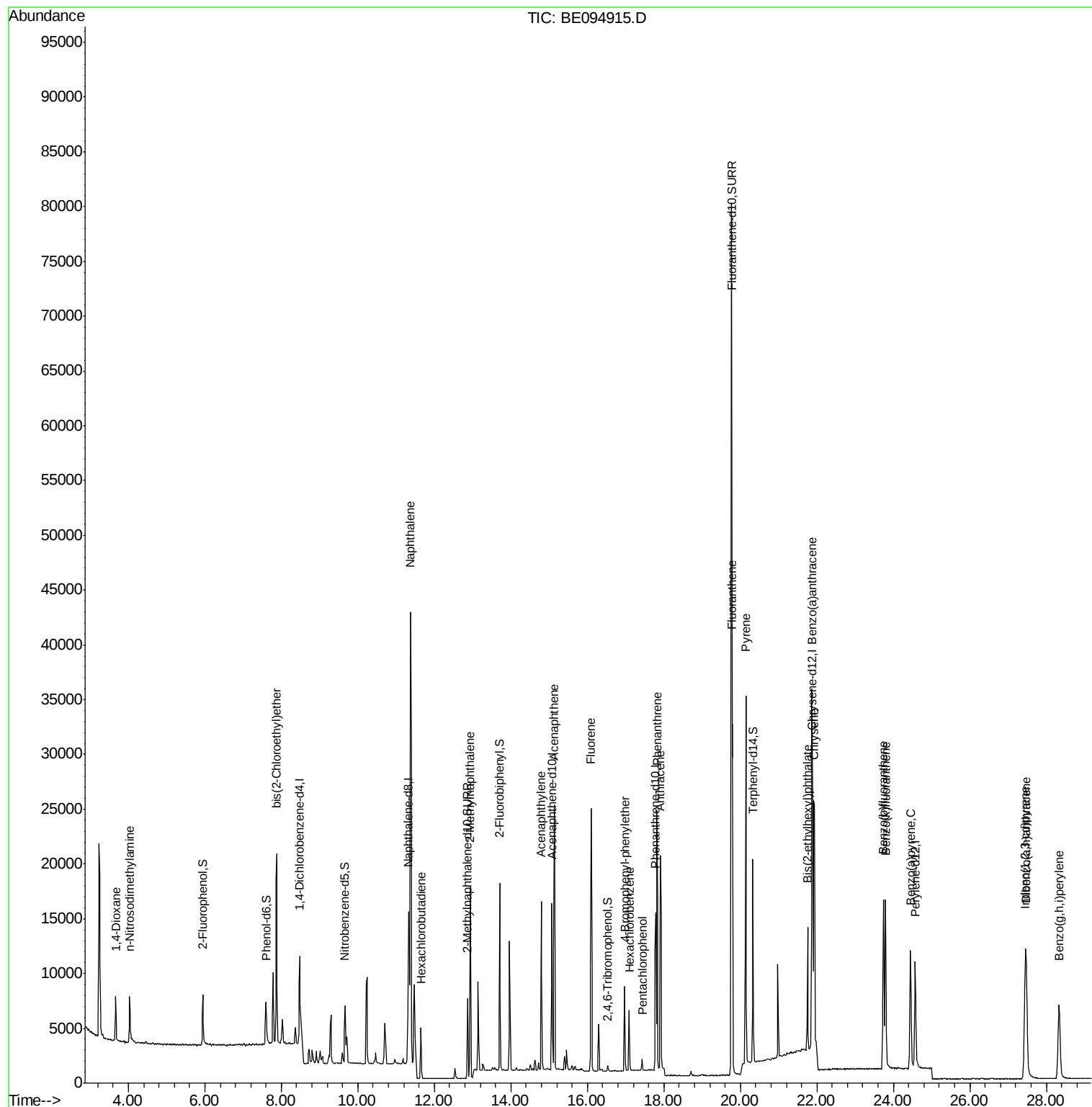
|                                |       |     |       |       |        |      |
|--------------------------------|-------|-----|-------|-------|--------|------|
| Target Compounds               |       |     |       |       | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.67  | 88  | 2845  | 0.391 | ng     | # 89 |
| 3) n-Nitrosodimethylamine      | 4.03  | 42  | 3591  | 0.387 | ng     | # 74 |
| 6) bis(2-Chloroethyl)ether     | 7.88  | 93  | 6381  | 0.394 | ng     | 99   |
| 9) Naphthalene                 | 11.38 | 128 | 72990 | 0.403 | ng     | 99   |
| 10) Hexachlorobutadiene        | 11.64 | 225 | 3130  | 0.410 | ng     | 97   |
| 12) 2-Methylnaphthalene        | 12.94 | 142 | 17722 | 0.394 | ng     | 98   |
| 16) Acenaphthylene             | 14.79 | 152 | 18030 | 0.376 | ng     | 100  |
| 17) Acenaphthene               | 15.13 | 154 | 12038 | 0.388 | ng     | 95   |
| 18) Fluorene                   | 16.10 | 166 | 15166 | 0.384 | ng     | # 78 |
| 20) 4-Bromophenyl-phenylether  | 16.98 | 248 | 4571  | 0.381 | ng     | # 69 |
| 21) Hexachlorobenzene          | 17.10 | 284 | 4858  | 0.415 | ng     | # 80 |
| 22) Pentachlorophenol          | 17.43 | 266 | 579   | 0.283 | ng     | # 69 |
| 23) Phenanthrene               | 17.82 | 178 | 27177 | 0.397 | ng     | 99   |
| 24) Anthracene                 | 17.91 | 178 | 26615 | 0.366 | ng     | # 93 |
| 26) Fluoranthene               | 19.79 | 202 | 32494 | 0.369 | ng     | 99   |
| 28) Pyrene                     | 20.14 | 202 | 32379 | 0.411 | ng     | 97   |
| 30) Benzo(a)anthracene         | 21.87 | 228 | 25914 | 0.370 | ng     | # 62 |
| 31) Chrysene                   | 21.93 | 228 | 30002 | 0.388 | ng     | # 64 |
| 32) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 13160 | 0.113 | ng     | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 27.44 | 276 | 20533 | 0.324 | ng     | 99   |
| 35) Benzo(b)fluoranthene       | 23.74 | 252 | 23210 | 0.395 | ng     | # 40 |
| 36) Benzo(k)fluoranthene       | 23.79 | 252 | 23348 | 0.390 | ng     | # 40 |
| 37) Benzo(a)pyrene             | 24.45 | 252 | 19538 | 0.379 | ng     | # 34 |
| 38) Dibenzo(a,h)anthracene     | 27.47 | 278 | 16908 | 0.355 | ng     | # 45 |
| 39) Benzo(g,h,i)perylene       | 28.33 | 276 | 18301 | 0.385 | ng     | # 55 |

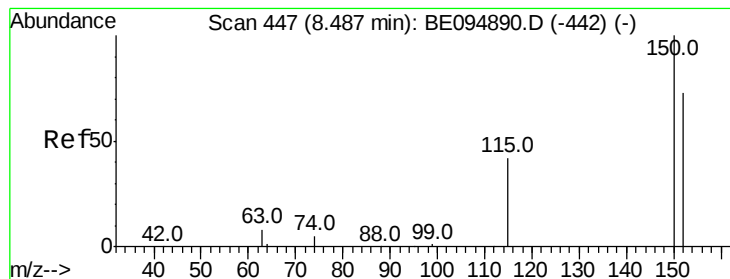
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\  
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QLast Update : Fri Dec 01 13:33:28 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.48 min Scan# 447

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

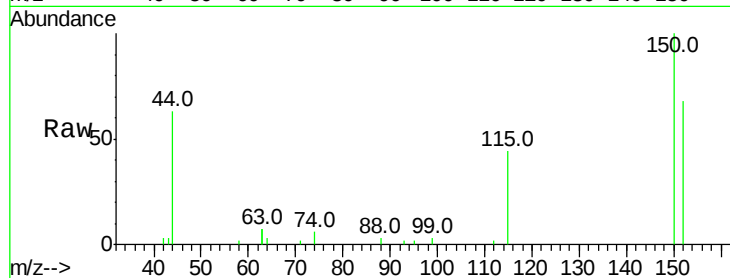
Tot Ion:152 Resp: 6959

Ion Ratio Lower Upper

152 100

150 147.2 117.2 175.8

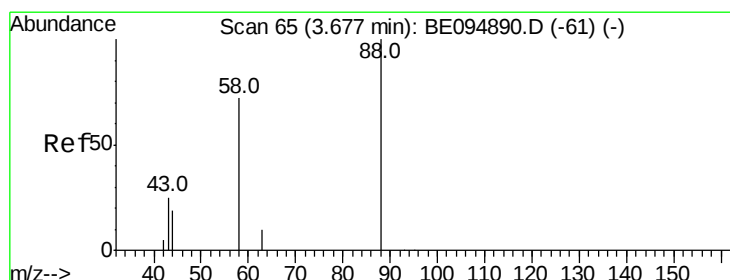
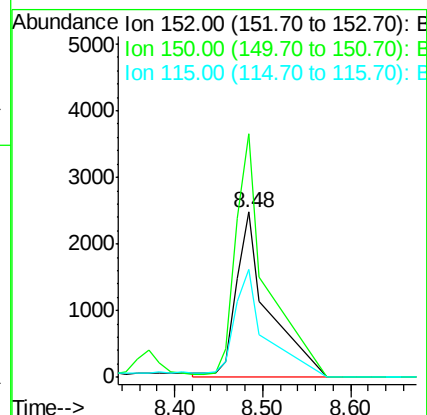
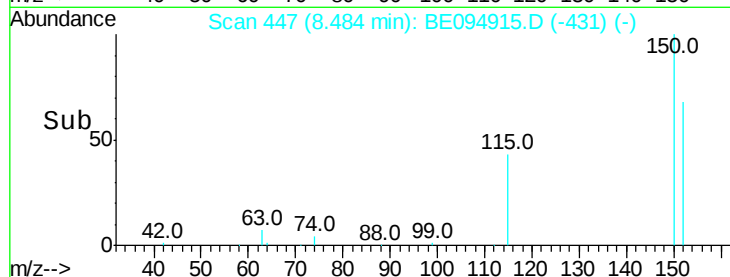
115 65.5 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.391 ng

RT: 3.67 min Scan# 65

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

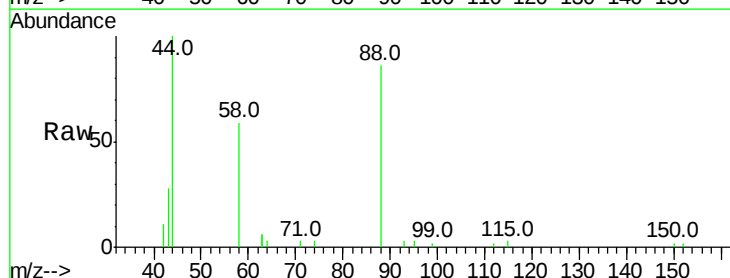
Tgt Ion: 88 Resp: 2845

Ion Ratio Lower Upper

88 100

58 85.7 63.2 94.8

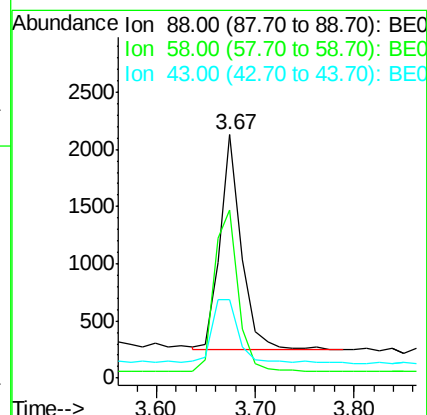
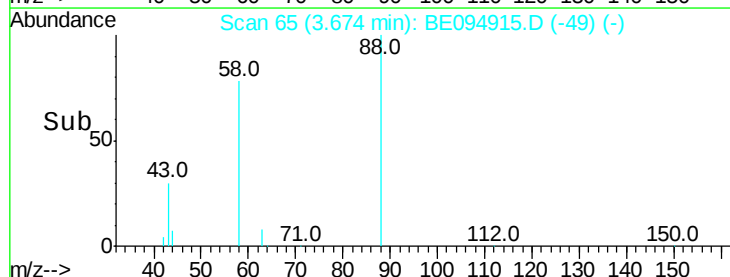
43 41.0 41.2 61.8#

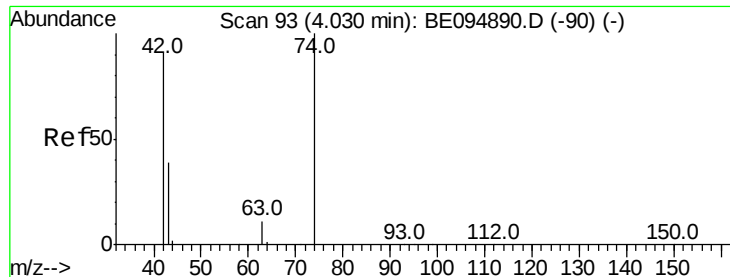


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.387 ng

RT: 4.03 min Scan# 93

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

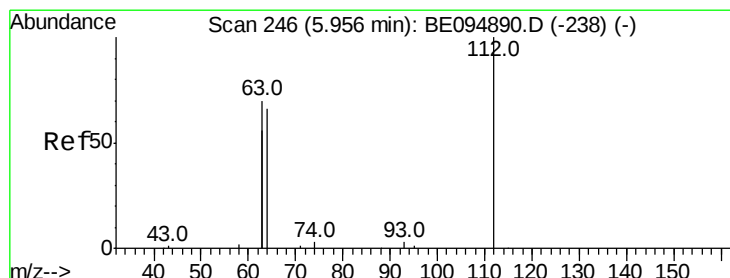
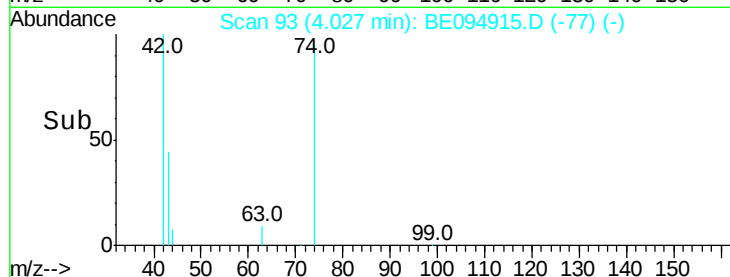
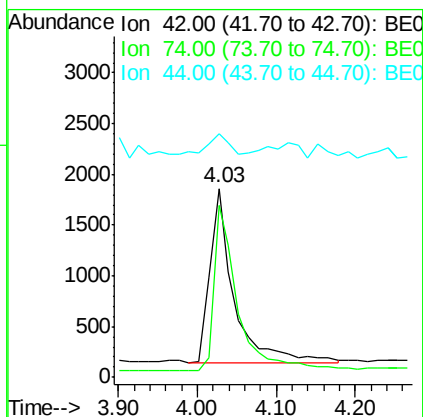
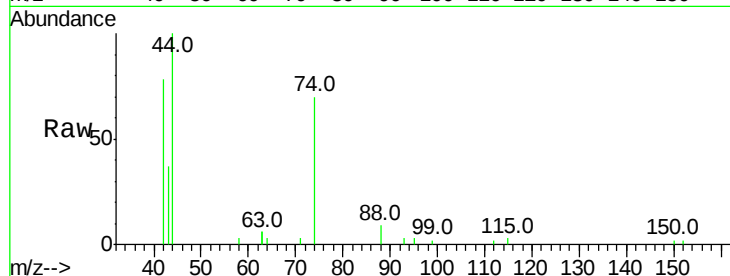
Tot Ion: 42 Resp: 3591

Ion Ratio Lower Upper

42 100

74 95.3 100.3 150.5#

44 10.9 17.0 25.4#



#4

2-Fluorophenol

Concen: 0.219 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

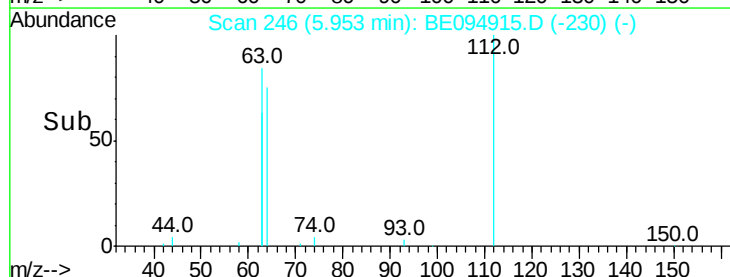
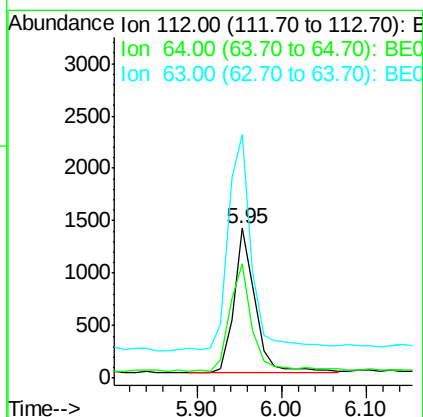
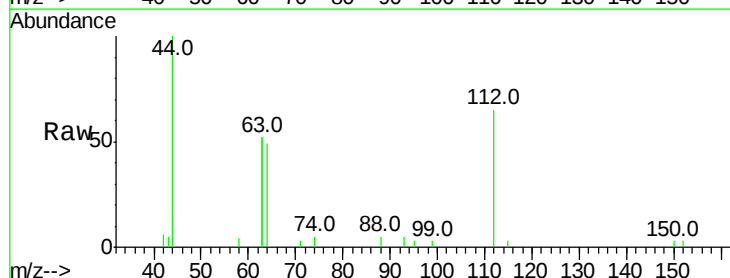
Tgt Ion: 112 Resp: 2417

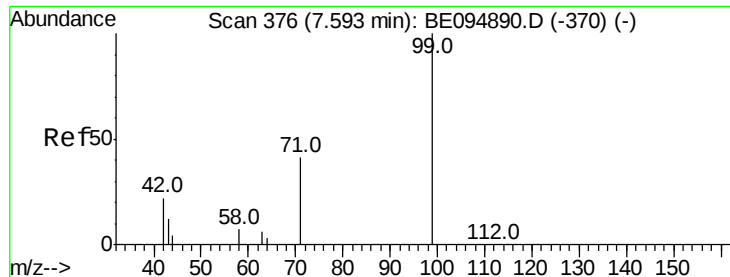
Ion Ratio Lower Upper

112 100

64 79.8 60.1 90.1

63 165.9 116.8 175.2





#5

Phenol-d6

Concen: 0.274 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

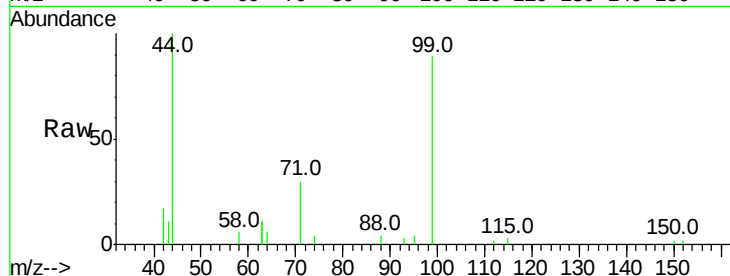
Tot Ion: 99 Resp: 4472

Ion Ratio Lower Upper

99 100

42 25.7 20.2 30.2

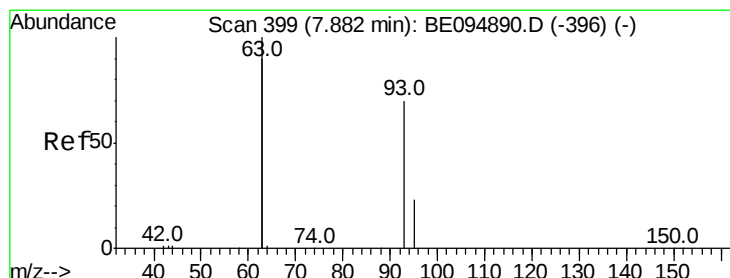
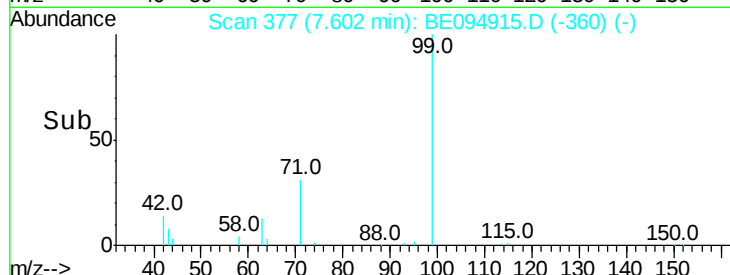
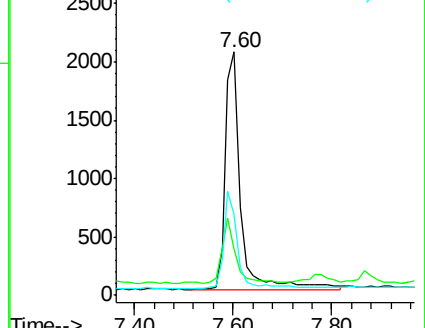
71 37.7 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.394 ng

RT: 7.88 min Scan# 399

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

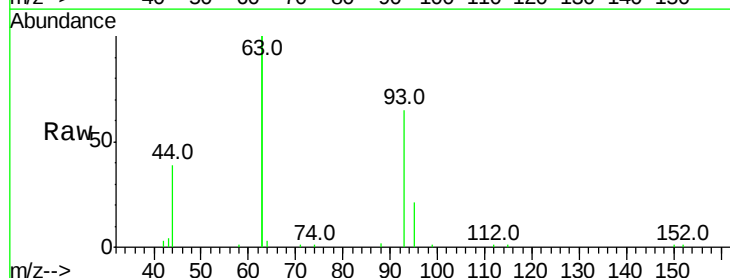
Tgt Ion: 93 Resp: 6381

Ion Ratio Lower Upper

93 100

63 345.3 275.3 412.9

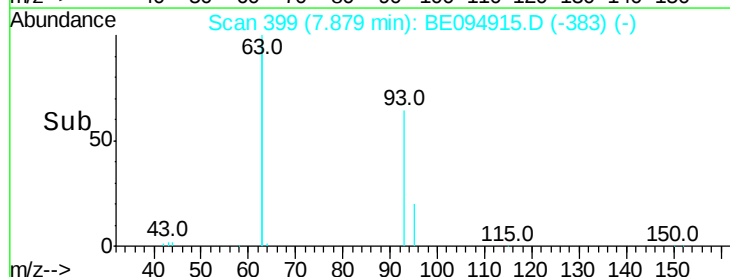
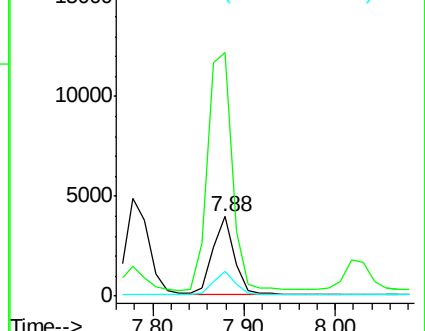
95 31.0 25.2 37.8

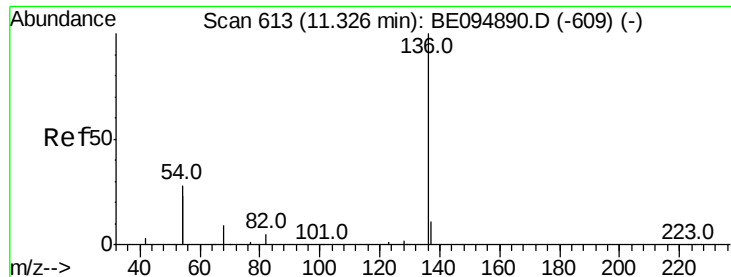


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 15439

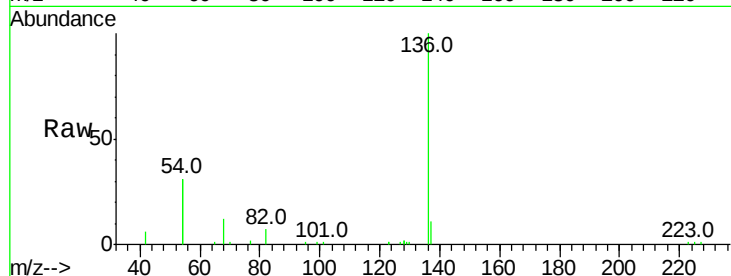
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 61.7 29.1 43.7#

68 11.7 6.2 9.2#

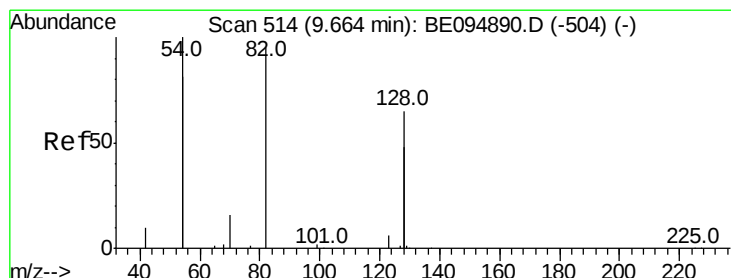
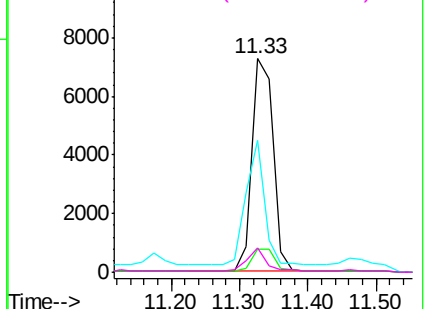
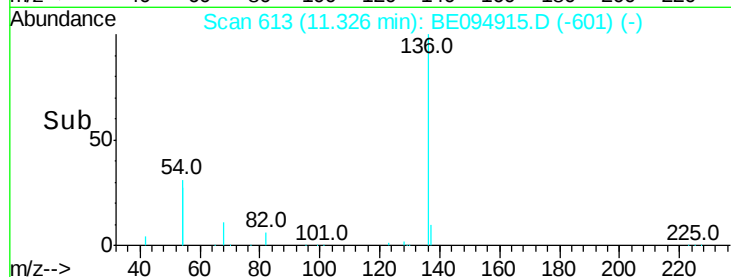


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.230 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

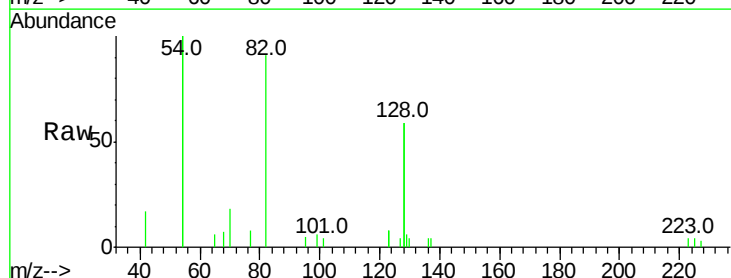
Tgt Ion: 82 Resp: 2101

Ion Ratio Lower Upper

82 100

128 130.6 150.0 225.0#

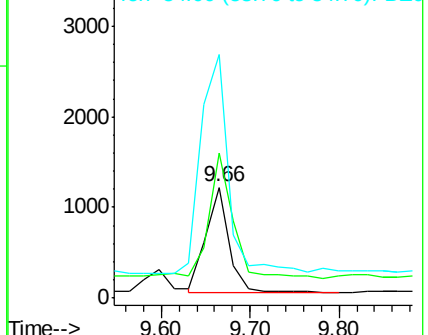
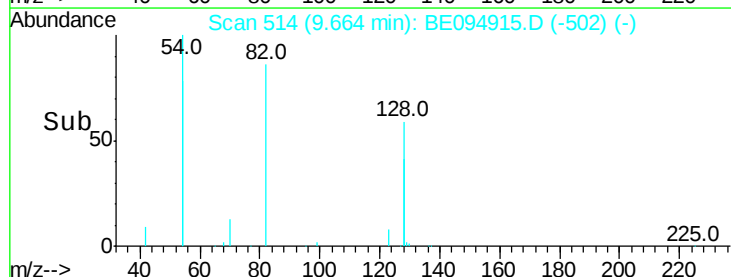
54 219.4 154.2 231.4

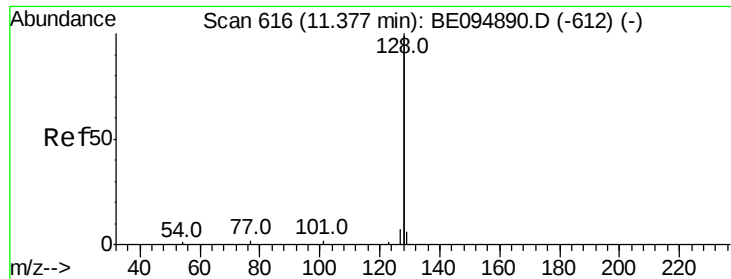


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.403 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

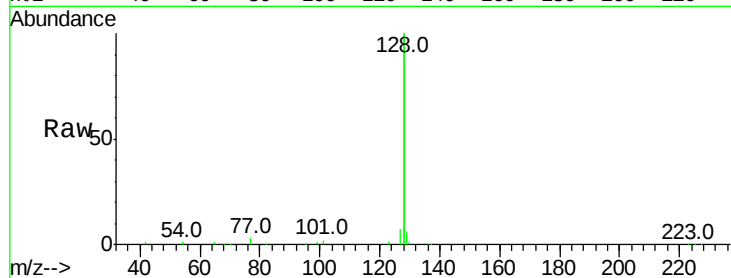
Tot Ion:128 Resp: 72990

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

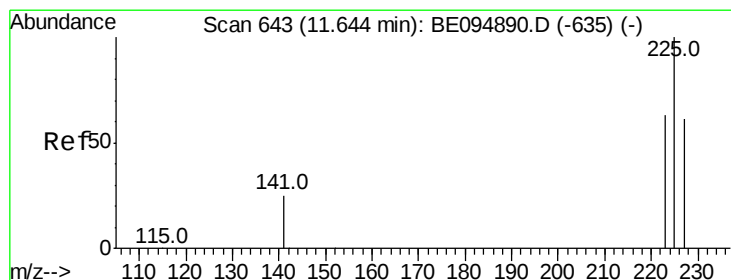
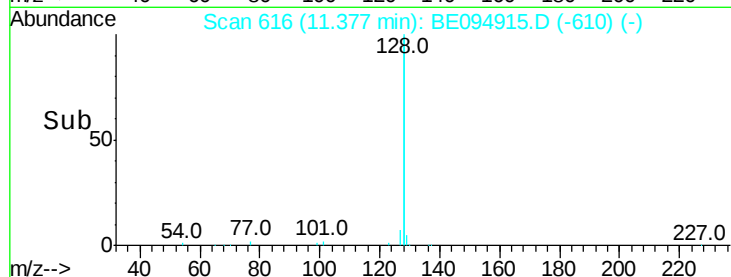
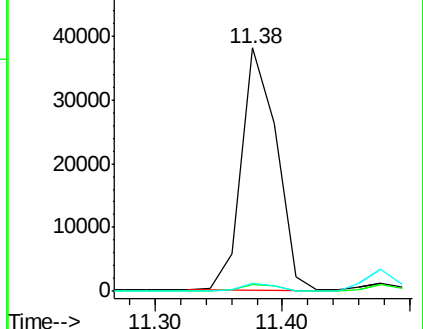
127 3.6 2.8 4.2



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: 0.410 ng

RT: 11.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

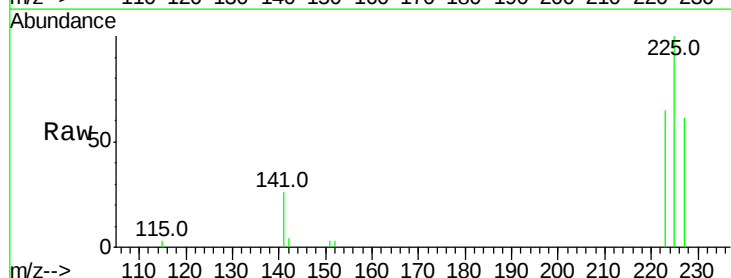
Tgt Ion:225 Resp: 3130

Ion Ratio Lower Upper

225 100

223 63.5 53.0 79.6

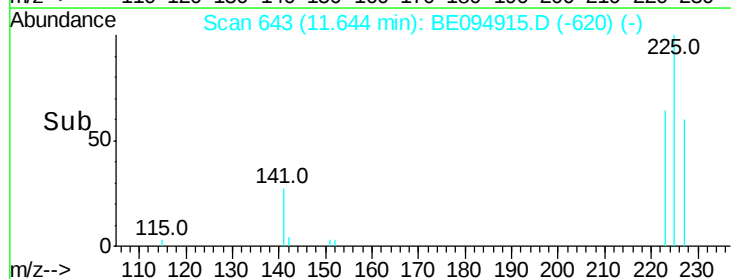
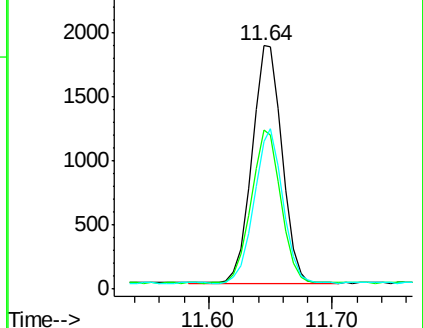
227 62.1 51.4 77.2

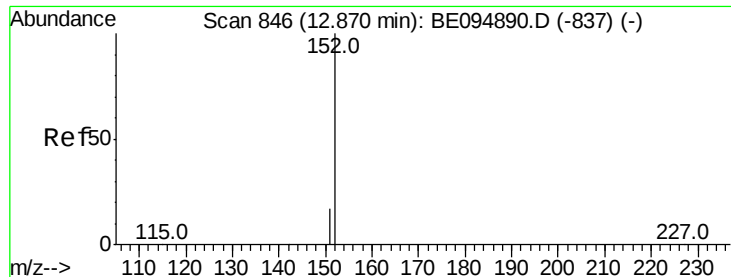


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

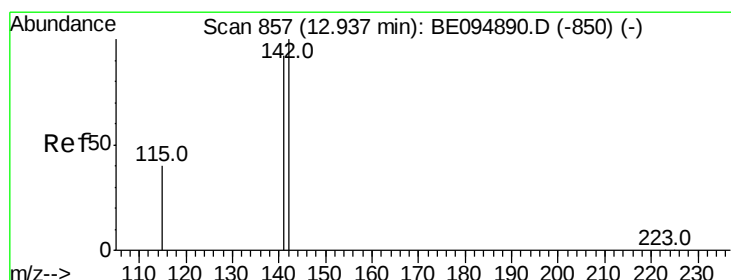
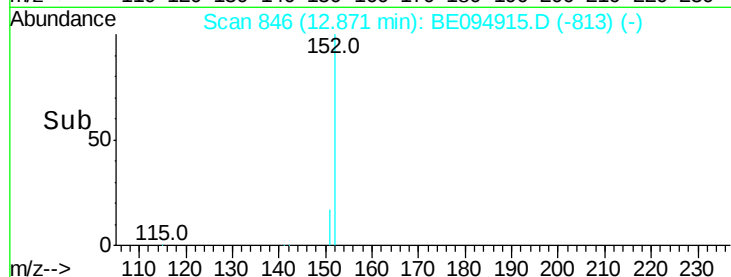
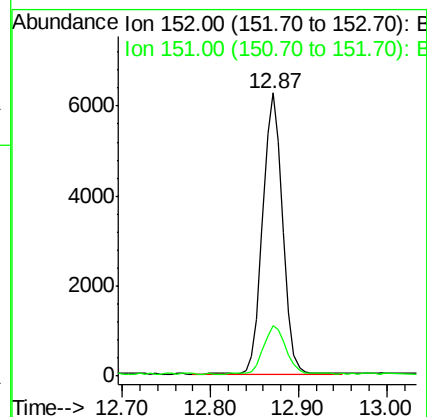
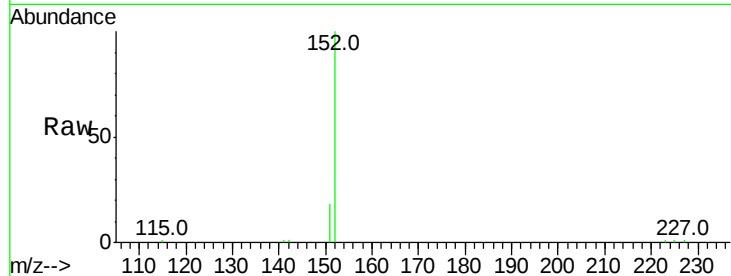




#11  
2-Methylnaphthalene-d10  
Concen: 0.394 ng  
RT: 12.87 min Scan# 846  
Delta R.T. 0.00 min  
Lab File: BE094915.D  
Acq: 5 Dec 2017 15:27

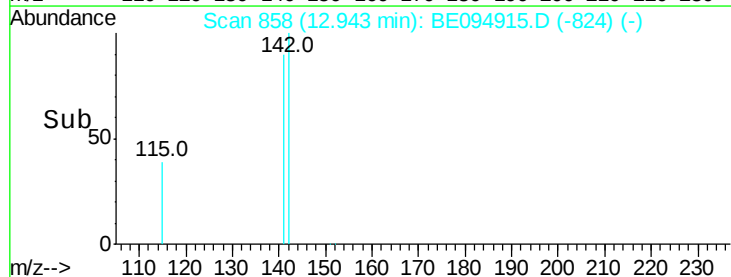
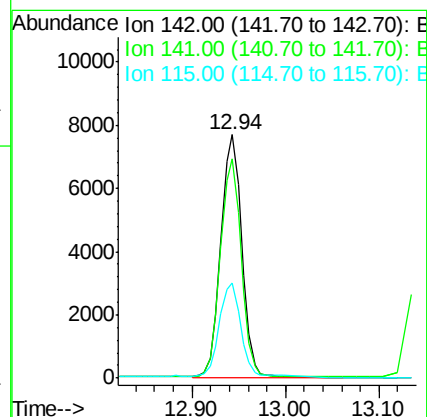
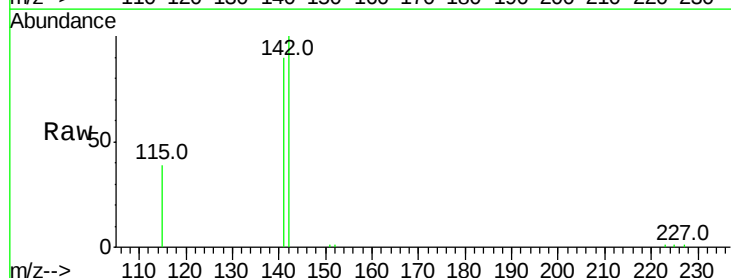
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

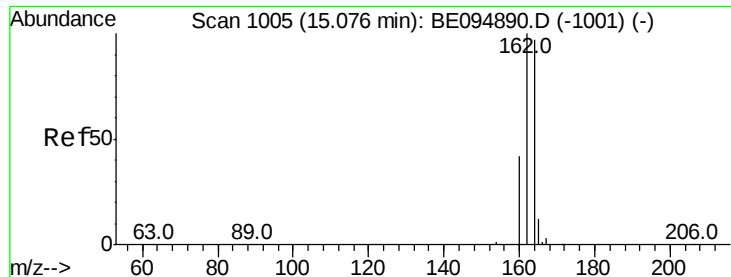
Tot Ion:152 Resp: 9698  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.4 23.0



#12  
2-Methylnaphthalene  
Concen: 0.394 ng  
RT: 12.94 min Scan# 858  
Delta R.T. 0.01 min  
Lab File: BE094915.D  
Acq: 5 Dec 2017 15:27

Tgt Ion:142 Resp: 17722  
Ion Ratio Lower Upper  
142 100  
141 90.1 70.4 105.6  
115 39.2 31.7 47.5

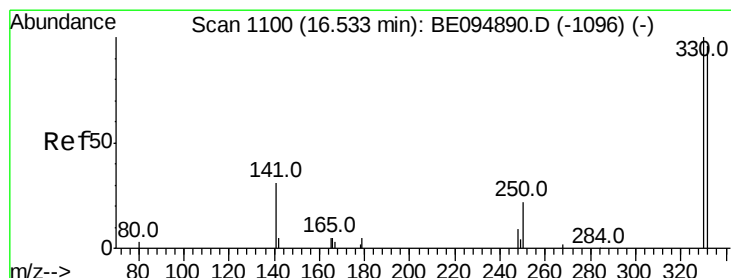
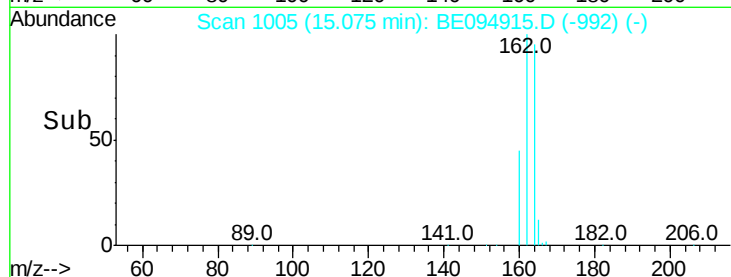
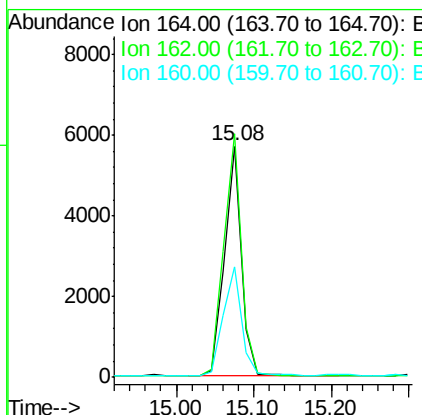
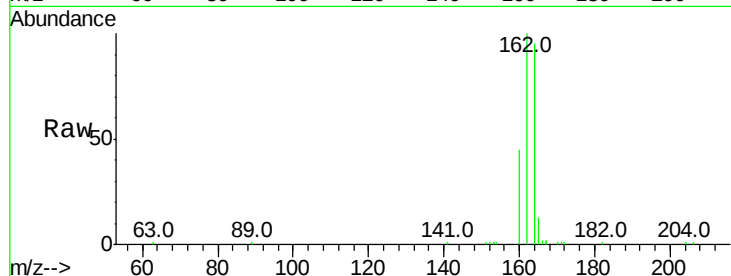




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 15.08 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BE094915.D  
Acq: 5 Dec 2017 15:27

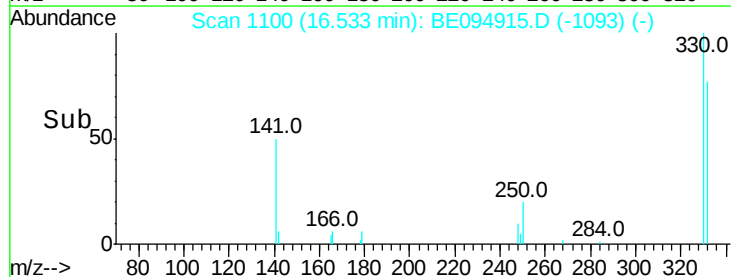
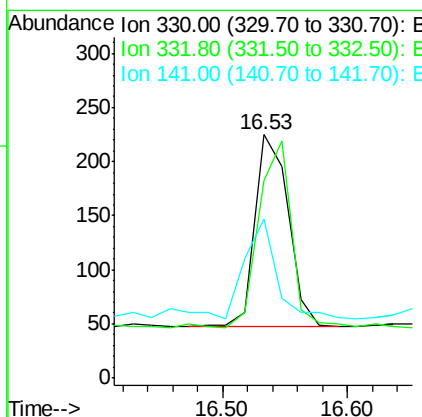
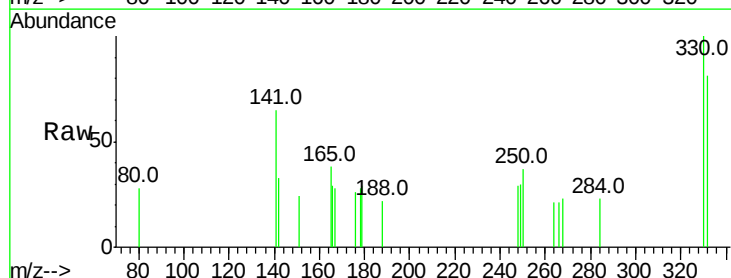
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

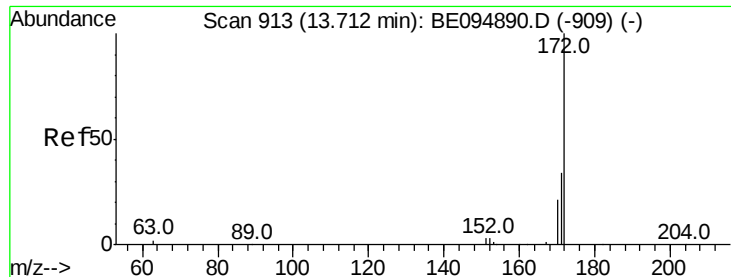
Tot Ion:164 Resp: 8489  
Ion Ratio Lower Upper  
164 100  
162 105.2 83.1 124.7  
160 47.7 37.1 55.7



#14  
2,4,6-Tribromophenol  
Concen: 0.254 ng  
RT: 16.53 min Scan# 1100  
Delta R.T. 0.00 min  
Lab File: BE094915.D  
Acq: 5 Dec 2017 15:27

Tgt Ion:330 Resp: 333  
Ion Ratio Lower Upper  
330 100  
332 97.3 152.7 229.1#  
141 48.0 33.7 50.5

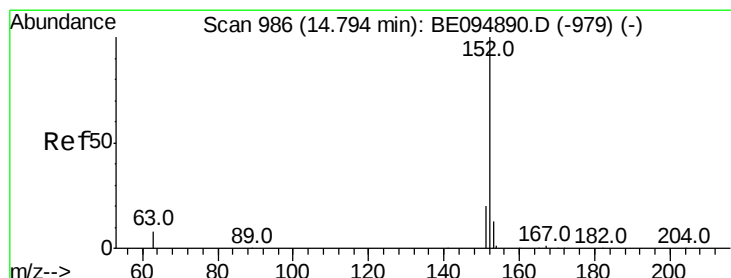
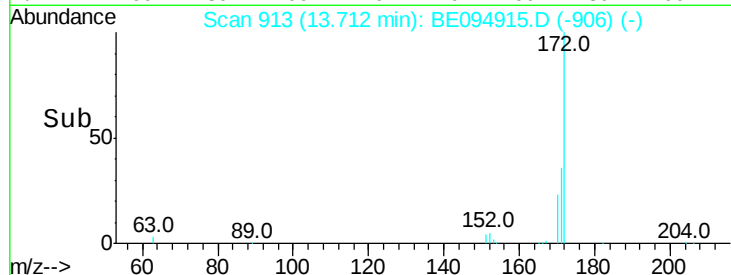
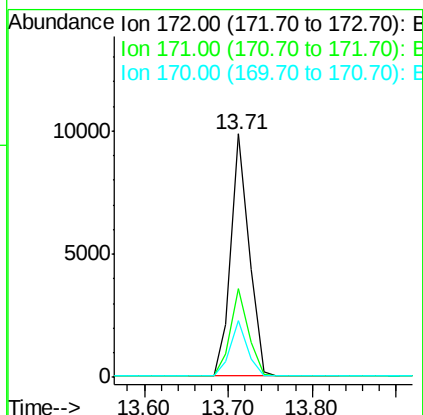
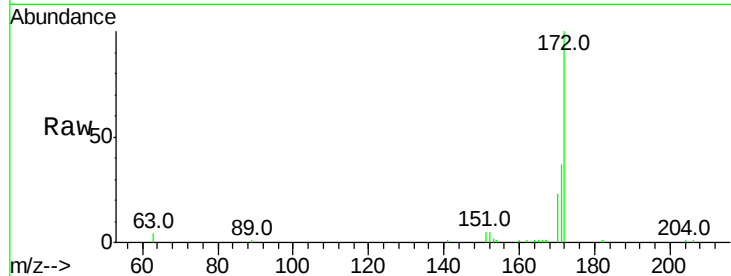




#15  
2-Fluorobiphenyl  
Concen: 0.404 ng  
RT: 13.71 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BE094915.D  
Acq: 5 Dec 2017 15:27

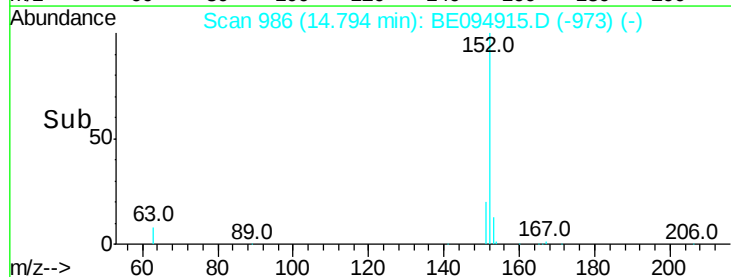
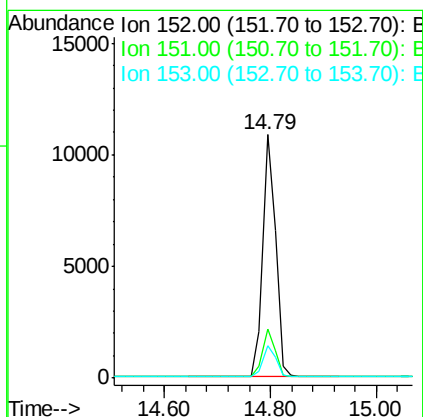
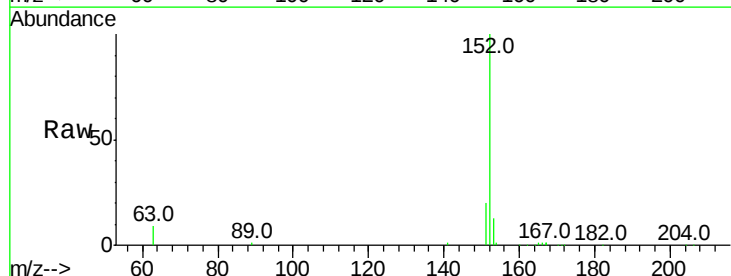
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

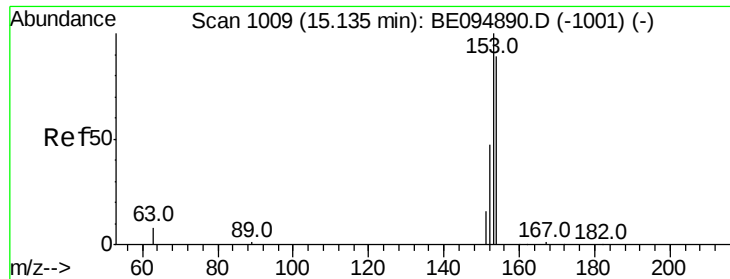
Tot Ion:172 Resp: 14690  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.9 44.9  
170 23.3 21.8 32.8



#16  
Acenaphthylene  
Concen: 0.376 ng  
RT: 14.79 min Scan# 986  
Delta R.T. -0.00 min  
Lab File: BE094915.D  
Acq: 5 Dec 2017 15:27

Tgt Ion:152 Resp: 18030  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.7 23.5  
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.388 ng

RT: 15.13 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

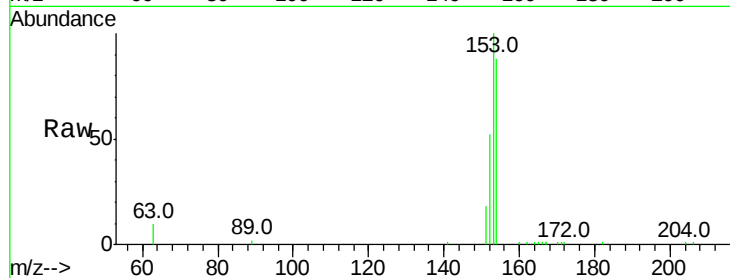
Tot Ion:154 Resp: 12038

Ion Ratio Lower Upper

154 100

153 114.8 89.2 133.8

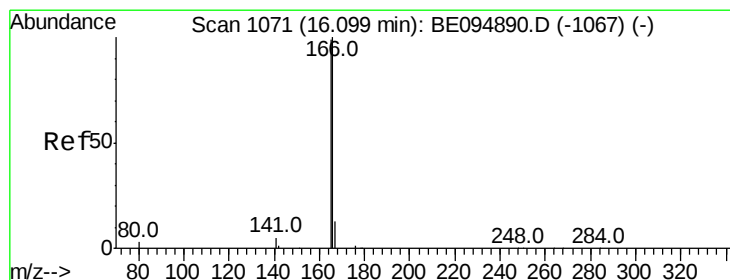
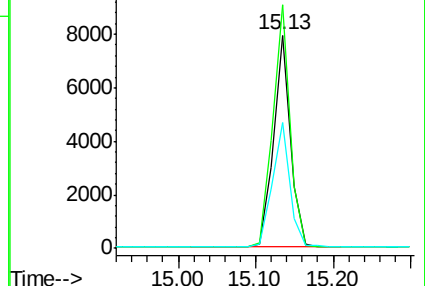
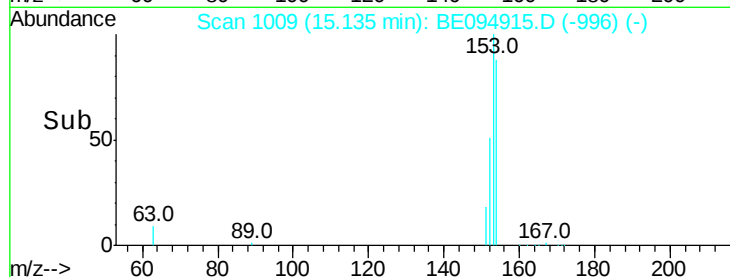
152 59.8 42.0 63.0



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: 0.384 ng

RT: 16.10 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

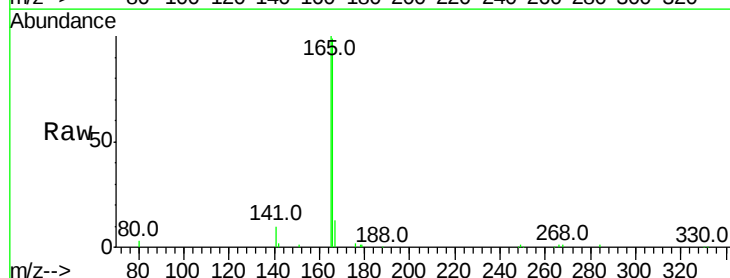
Tgt Ion:166 Resp: 15166

Ion Ratio Lower Upper

166 100

165 100.2 77.8 116.6

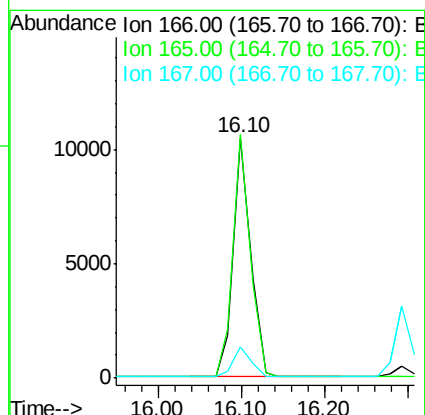
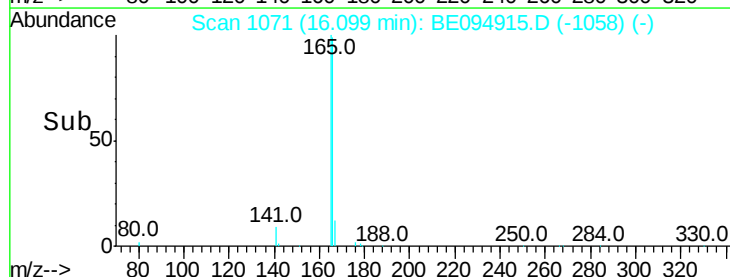
167 13.2 42.4 63.6#

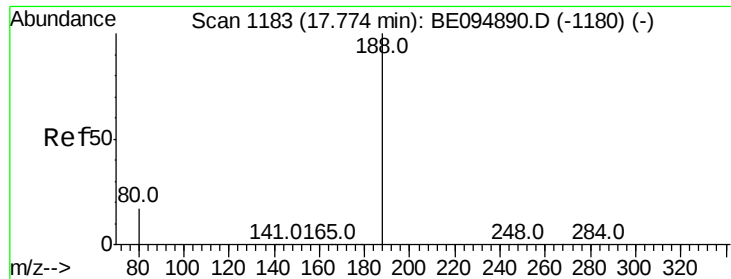


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.79 min Scan# 1184

Delta R.T. 0.02 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

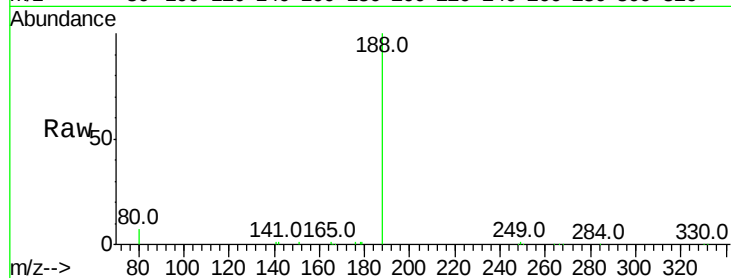
Tot Ion:188 Resp: 21502

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

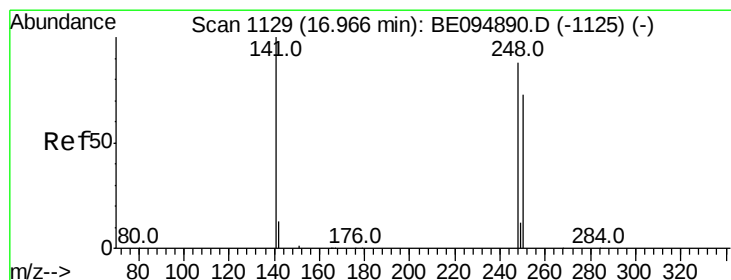
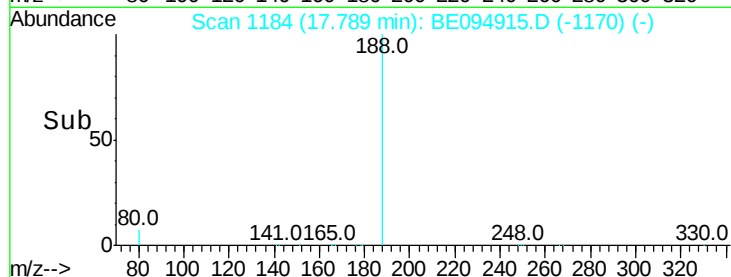
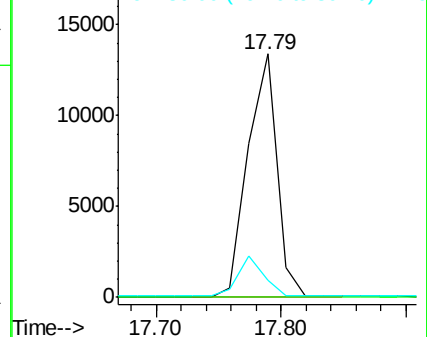
80 7.2 3.6 5.4#



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: 0.381 ng

RT: 16.98 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

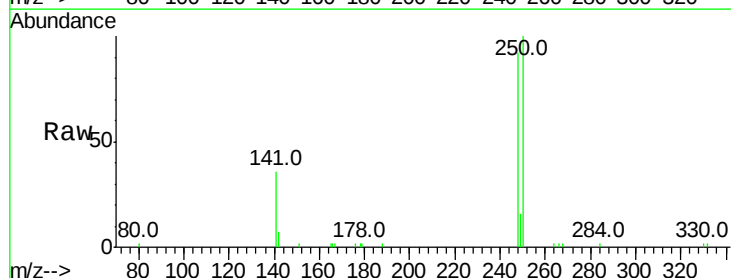
Tgt Ion:248 Resp: 4571

Ion Ratio Lower Upper

248 100

250 108.5 62.7 94.1#

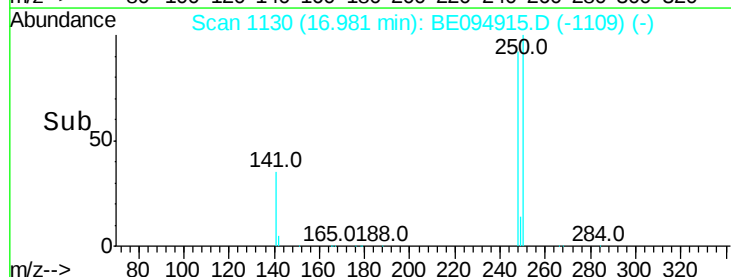
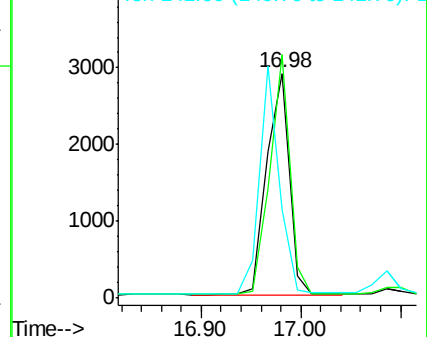
141 39.4 48.2 72.2#

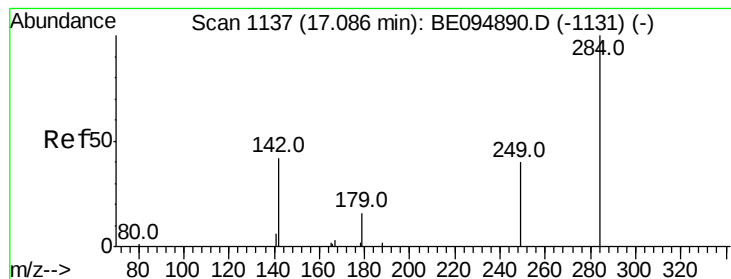


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 17.10 min Scan# 1138

Delta R.T. 0.02 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

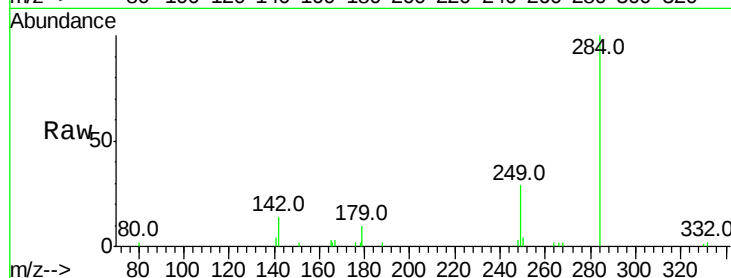
Tot Ion:284 Resp: 4858

Ion Ratio Lower Upper

284 100

142 46.1 22.1 33.1#

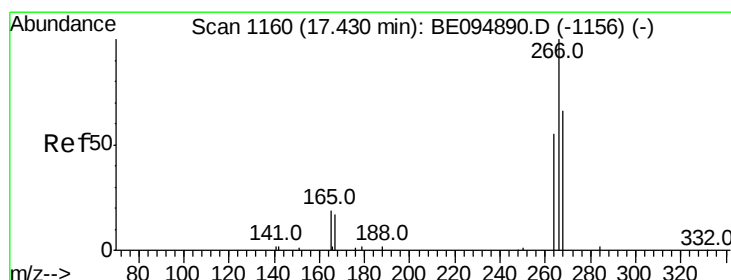
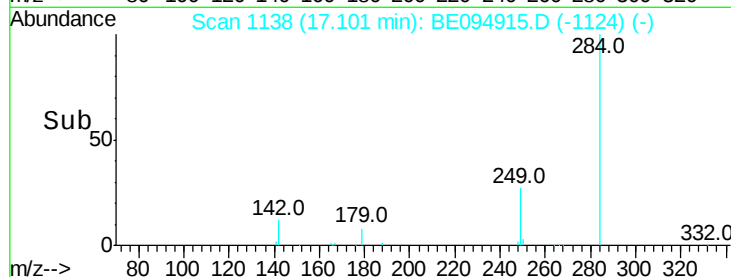
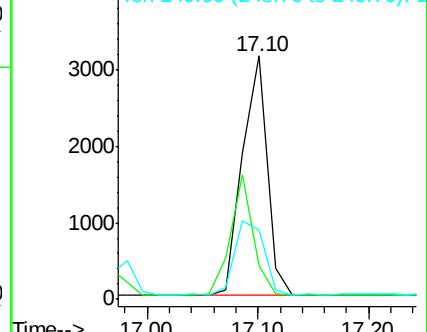
249 36.9 34.8 52.2



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: 0.283 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

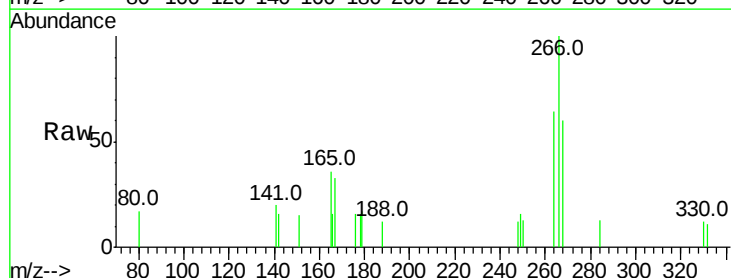
Tgt Ion:266 Resp: 579

Ion Ratio Lower Upper

266 100

264 63.8 72.5 108.7#

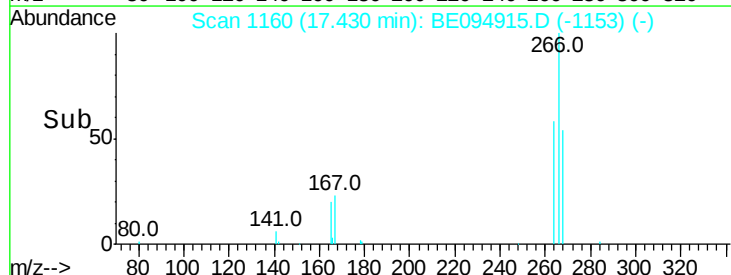
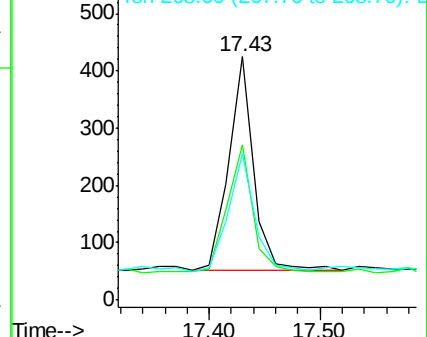
268 60.2 73.8 110.6#

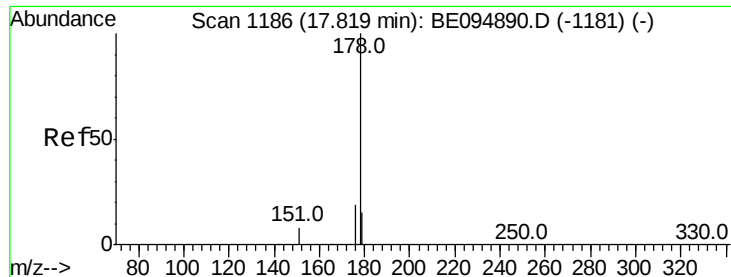


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.397 ng

RT: 17.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

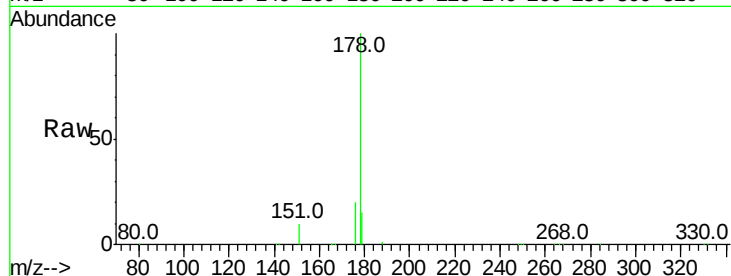
BNA\_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:178 Resp: 27177

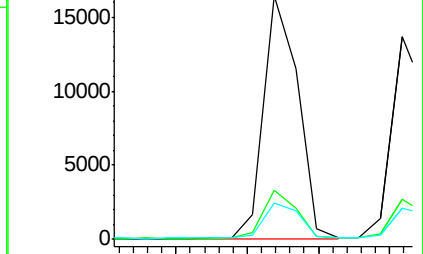
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.3  | 15.1  | 22.7  |
| 179 | 15.4  | 11.8  | 17.6  |



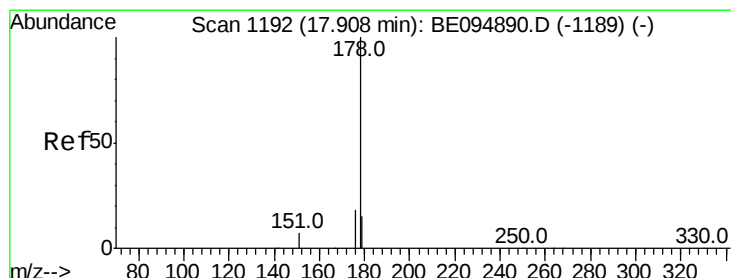
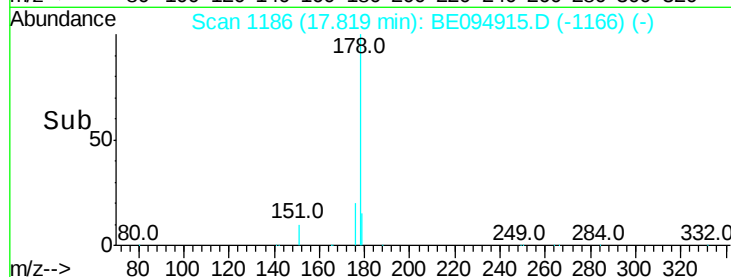
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.366 ng

RT: 17.91 min Scan# 1192

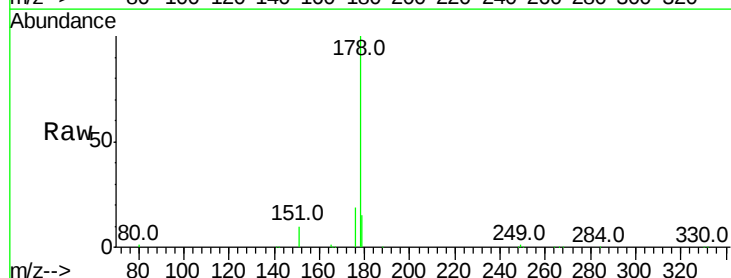
Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Tgt Ion:178 Resp: 26615

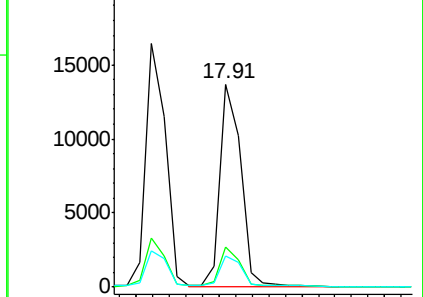
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.3  | 12.8  | 19.2# |
| 179 | 17.6  | 13.0  | 19.6  |



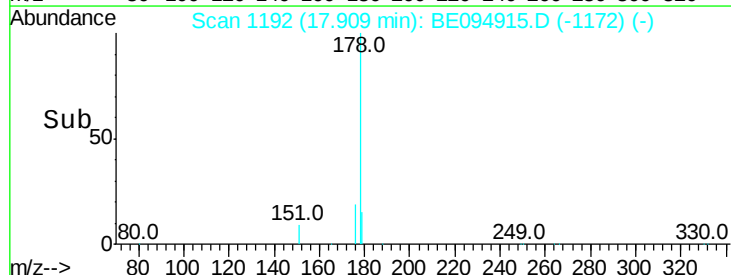
Abundance Ion 178.00 (177.70 to 178.70): E

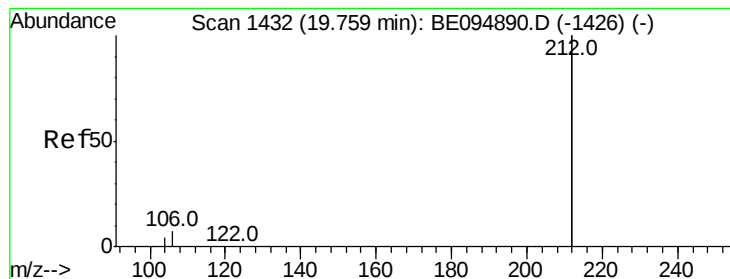
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.77 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

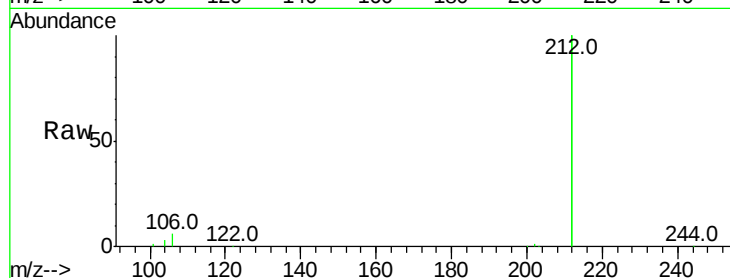
Tot Ion:212 Resp: 104968

Ion Ratio Lower Upper

212 100

106 3.7 2.8 4.2

104 2.1 1.6 2.4



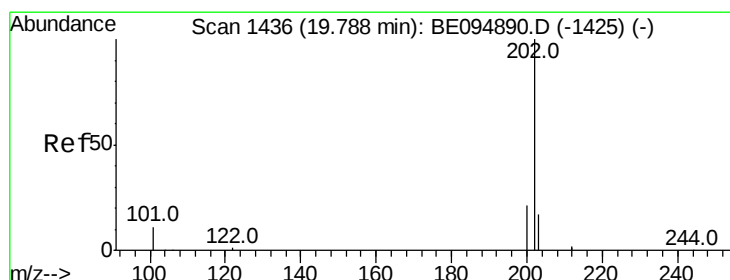
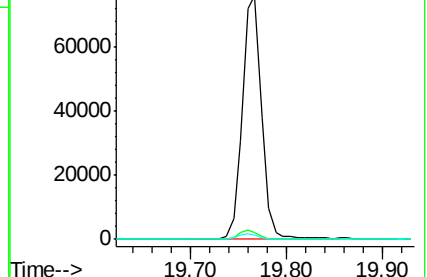
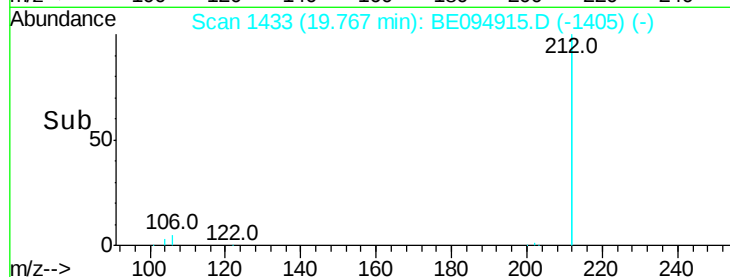
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

19.77

Time-->



#26

Fluoranthene

Concen: 0.369 ng

RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

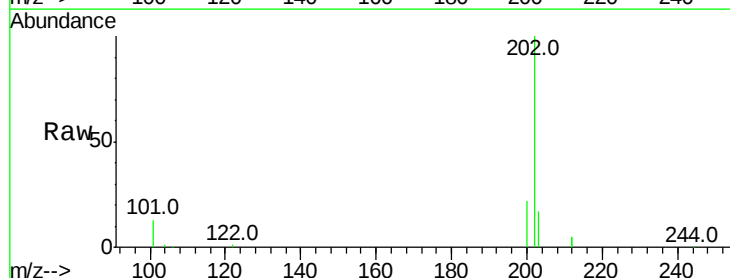
Tgt Ion:202 Resp: 32494

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.8

203 16.7 13.7 20.5



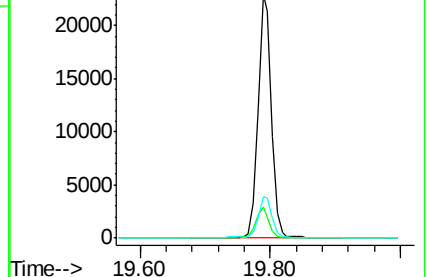
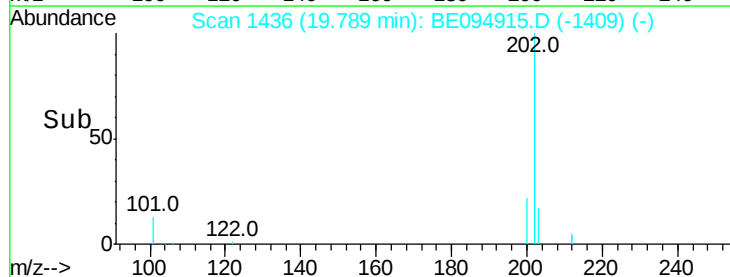
Abundance Ion 202.00 (201.70 to 202.70): E

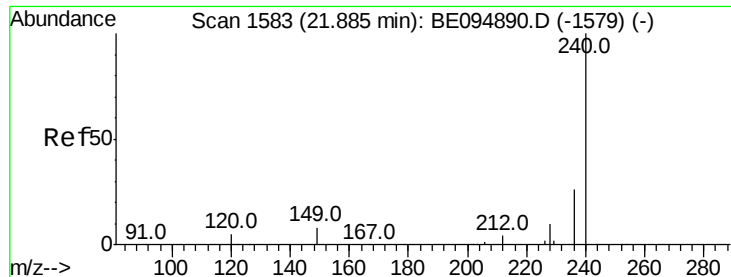
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.79

Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

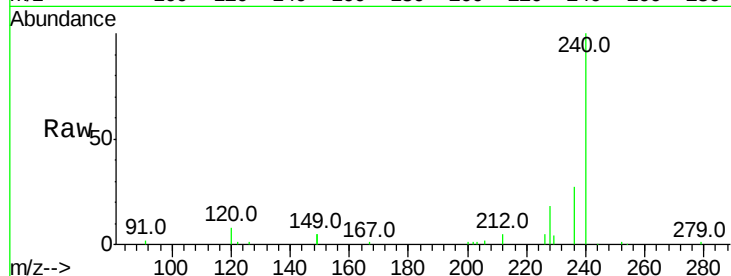
Tot Ion:240 Resp: 22840

Ion Ratio Lower Upper

240 100

120 7.7 5.5 8.3

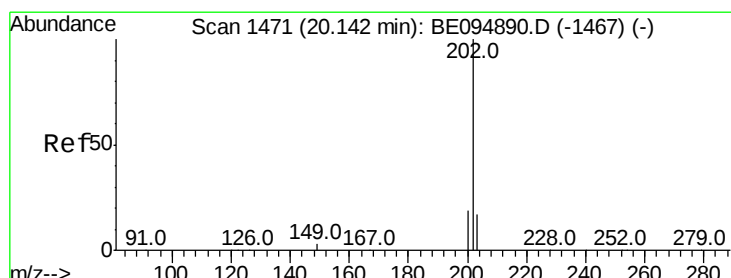
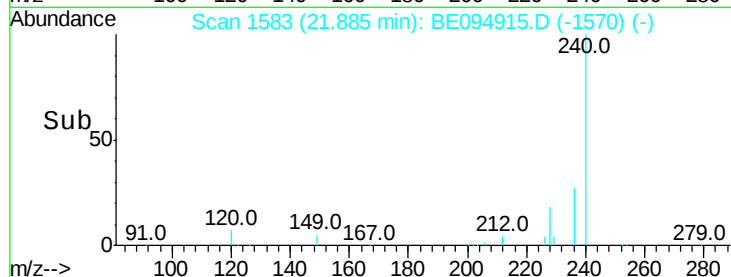
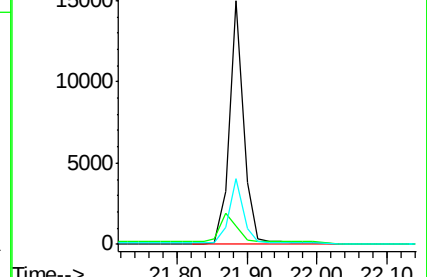
236 27.1 20.7 31.1



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: 0.411 ng

RT: 20.14 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

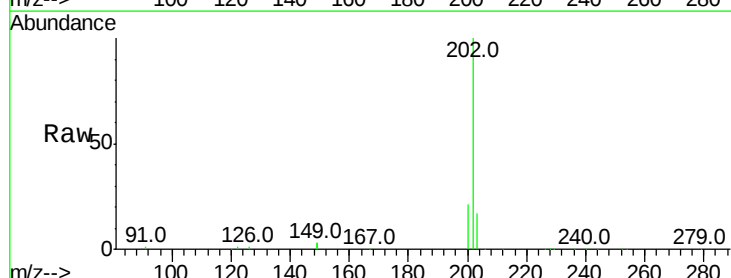
Tgt Ion:202 Resp: 32379

Ion Ratio Lower Upper

202 100

200 21.7 16.6 25.0

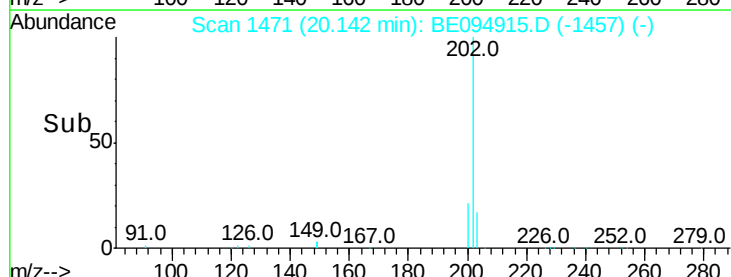
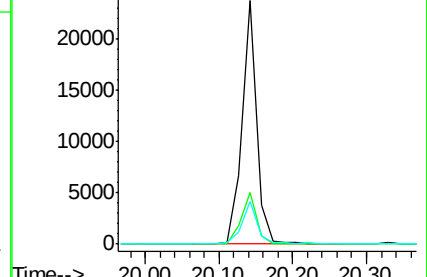
203 19.0 13.8 20.8

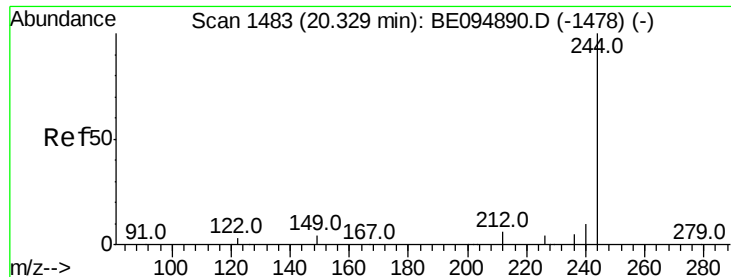


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.402 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

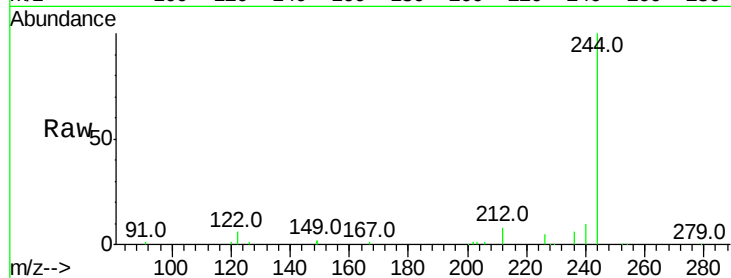
Tot Ion:244 Resp: 16960

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

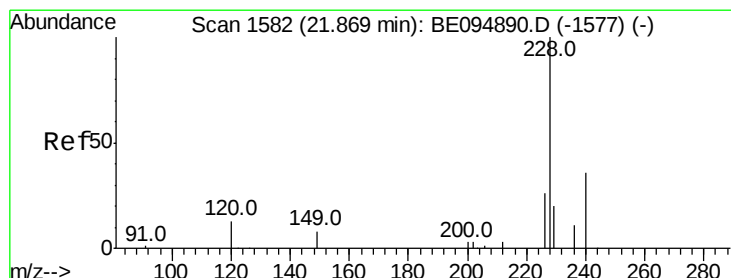
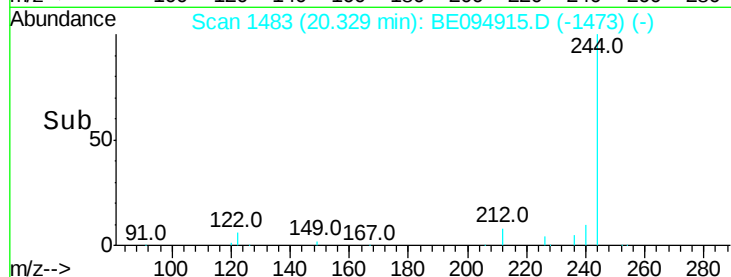
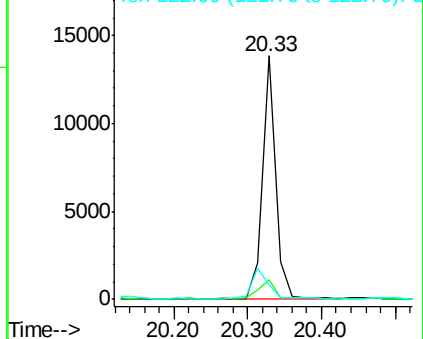
122 6.0 8.1 12.1#



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: 0.370 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

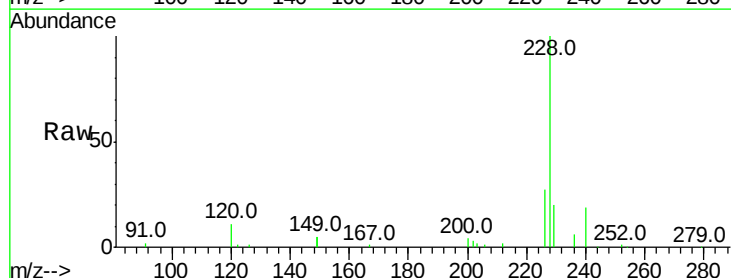
Tgt Ion:228 Resp: 25914

Ion Ratio Lower Upper

228 100

226 27.2 40.0 60.0#

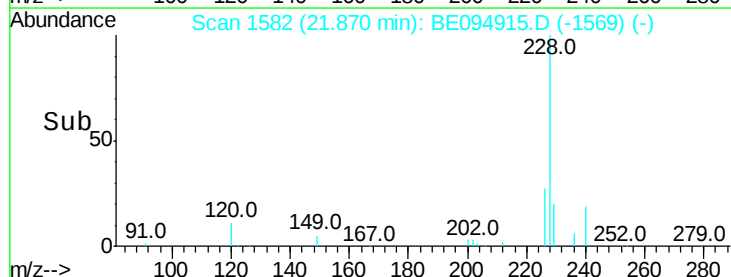
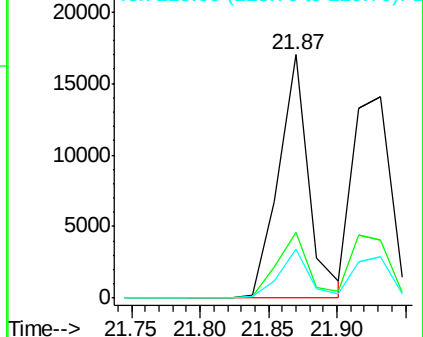
229 19.9 40.0 60.0#

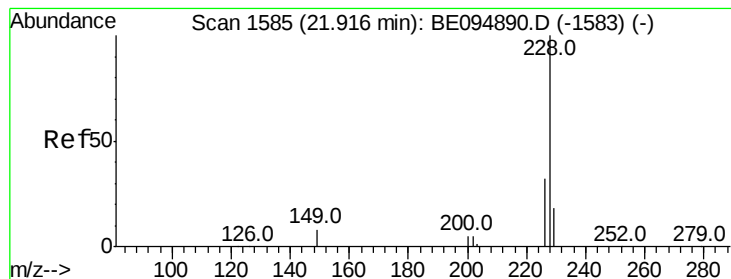


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.388 ng

RT: 21.93 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

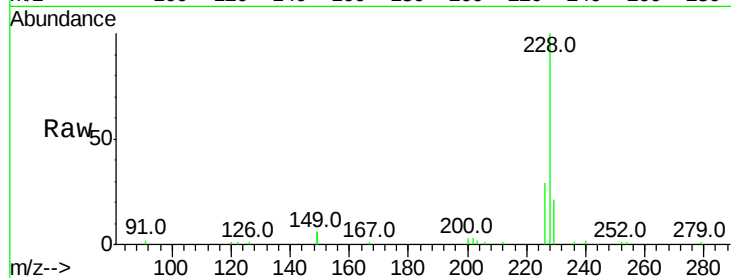
Tot Ion:228 Resp: 30002

Ion Ratio Lower Upper

228 100

226 29.1 40.0 60.0#

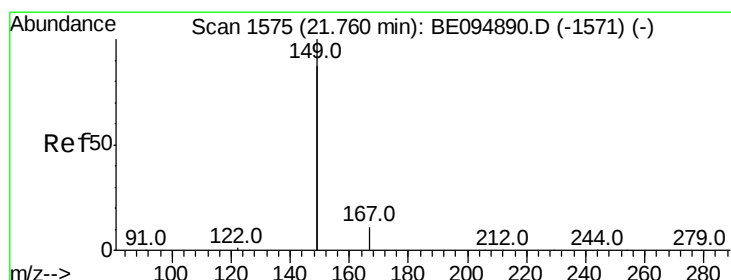
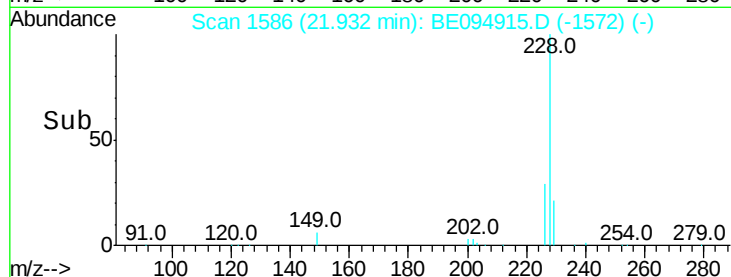
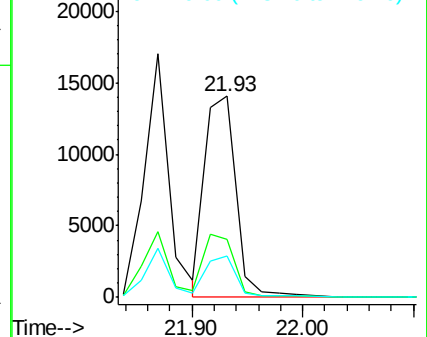
229 20.8 40.0 60.0#



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: 0.113 ng

RT: 21.76 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

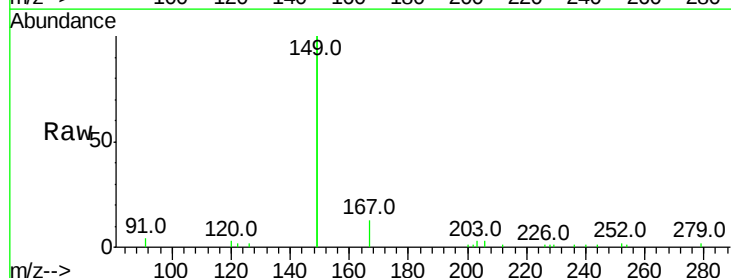
Tgt Ion:149 Resp: 13160

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

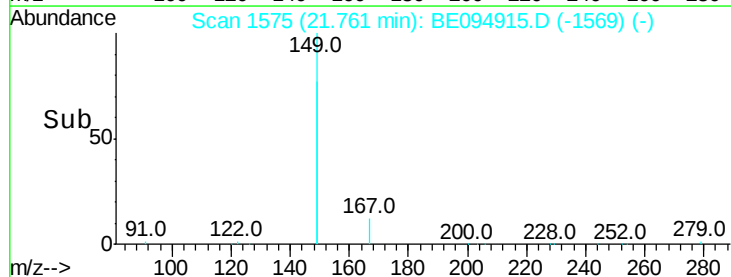
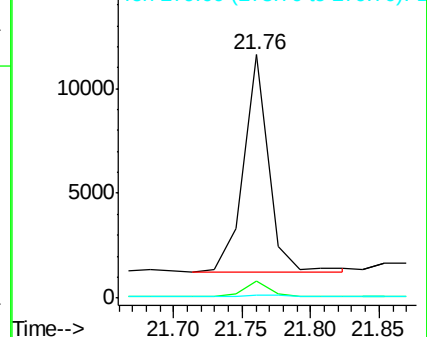
279 1.0 0.7 1.1

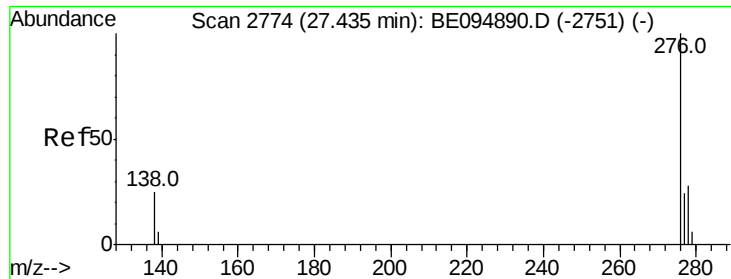


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.324 ng

RT: 27.44 min Scan# 2776

Delta R.T. 0.01 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

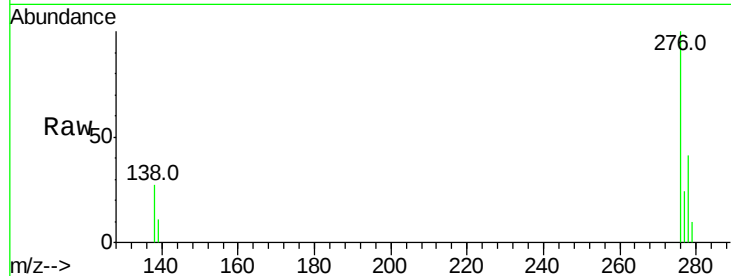
Tot Ion:276 Resp: 20533

Ion Ratio Lower Upper

276 100

138 29.1 22.5 33.7

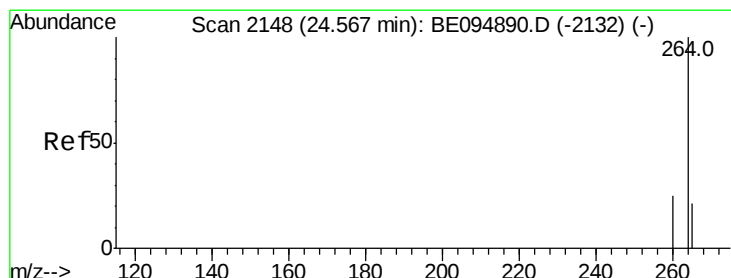
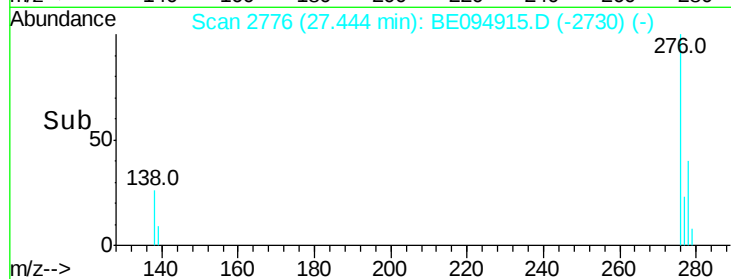
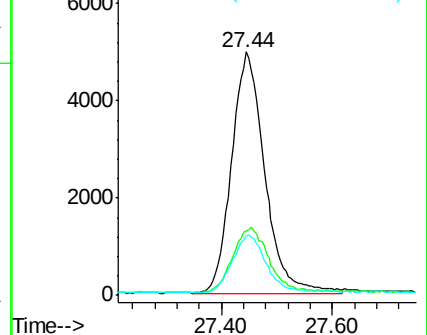
277 24.4 19.9 29.9



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: 24.57 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

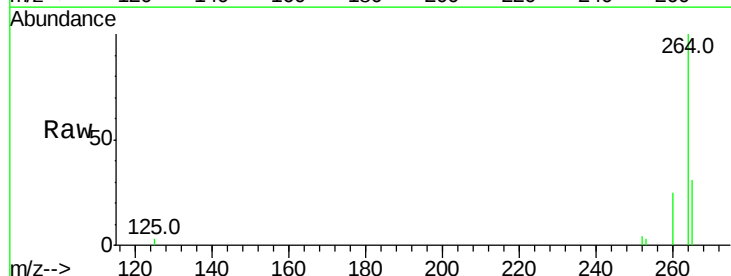
Tgt Ion:264 Resp: 16100

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

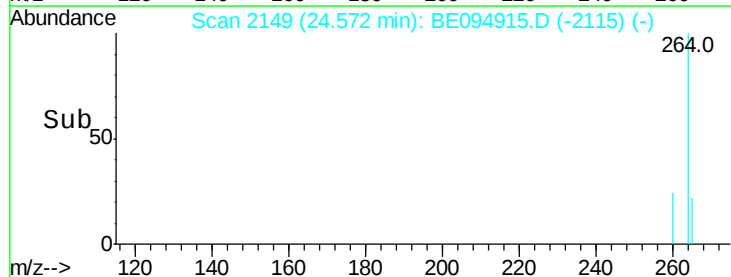
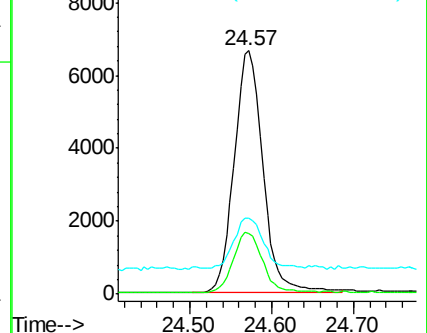
265 31.3 22.8 34.2

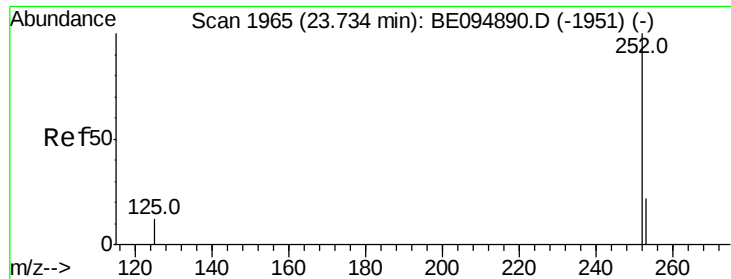


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.395 ng

RT: 23.74 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

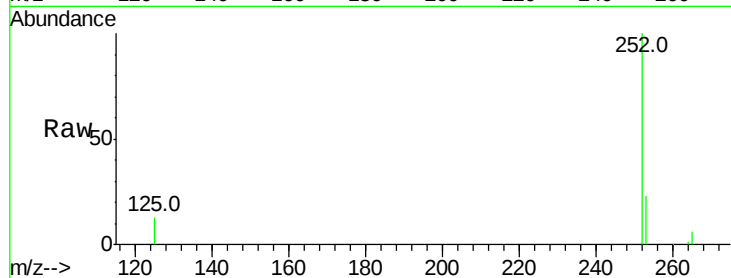
Tot Ion:252 Resp: 23210

Ion Ratio Lower Upper

252 100

253 22.9 48.0 72.0#

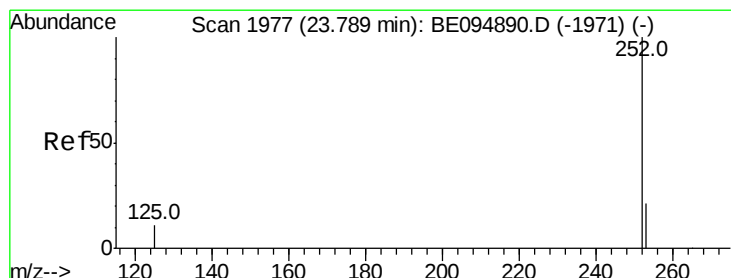
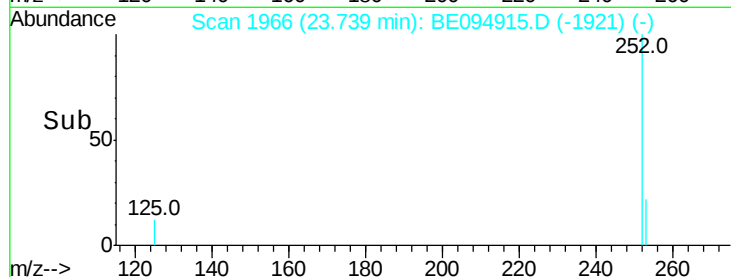
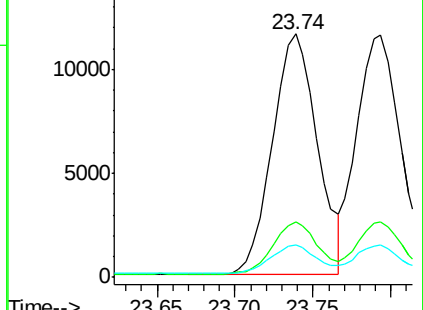
125 13.3 56.0 84.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.390 ng

RT: 23.79 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

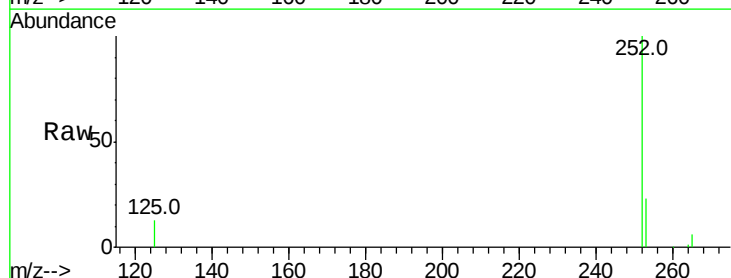
Tgt Ion:252 Resp: 23348

Ion Ratio Lower Upper

252 100

253 22.8 48.0 72.0#

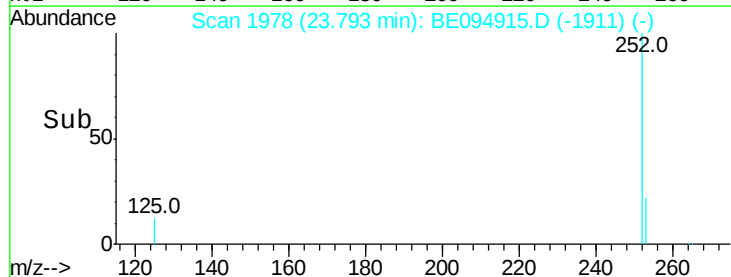
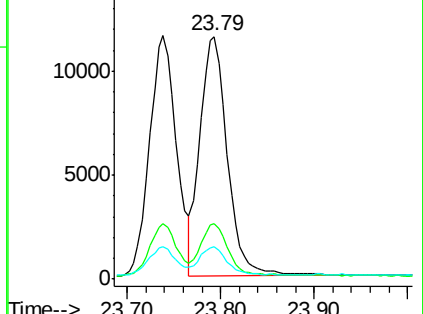
125 13.1 56.0 84.0#

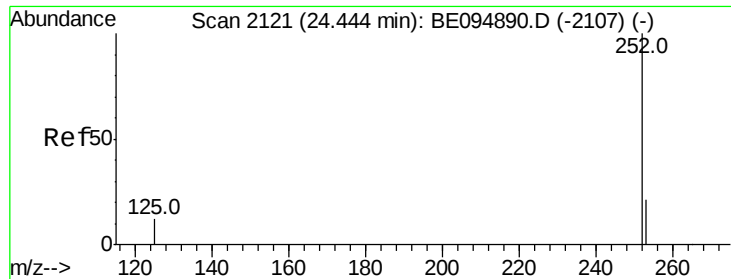


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 24.45 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

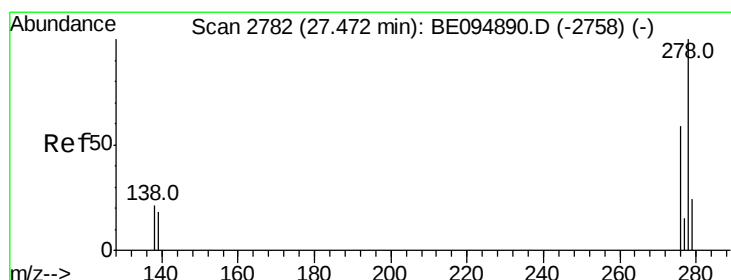
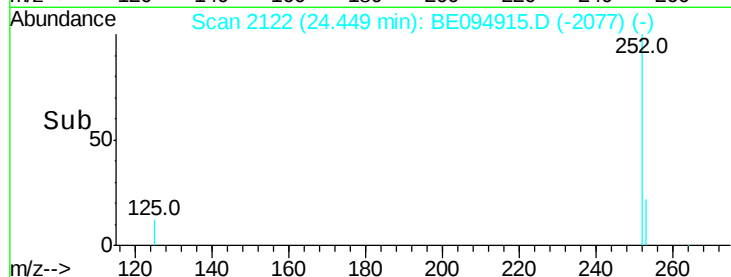
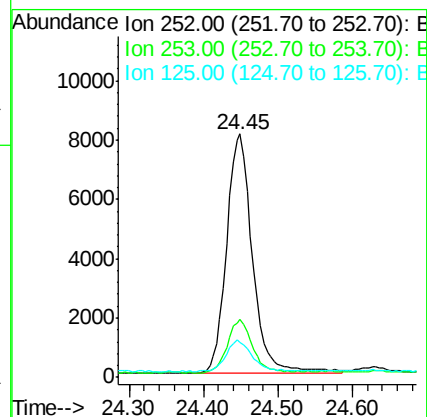
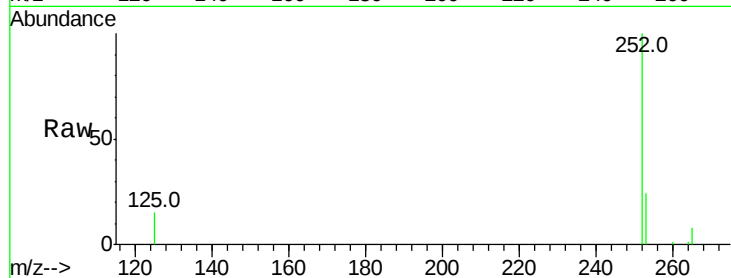
Tot Ion:252 Resp: 19538

Ion Ratio Lower Upper

252 100

253 23.7 52.0 78.0#

125 14.6 68.0 102.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.355 ng

RT: 27.47 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

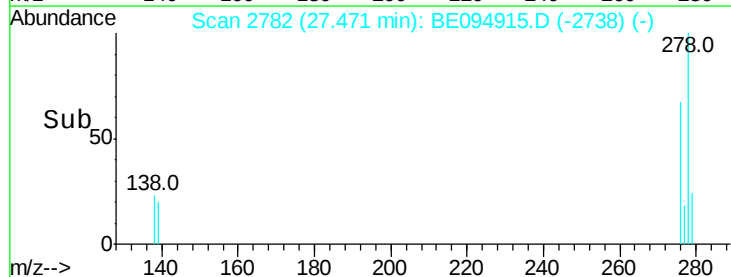
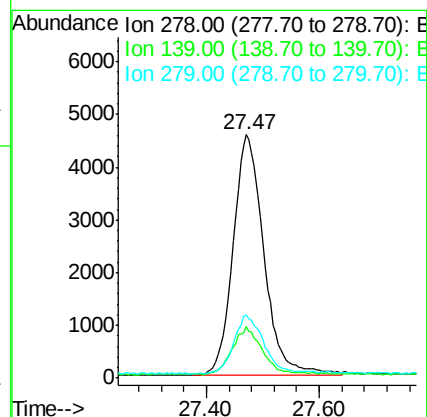
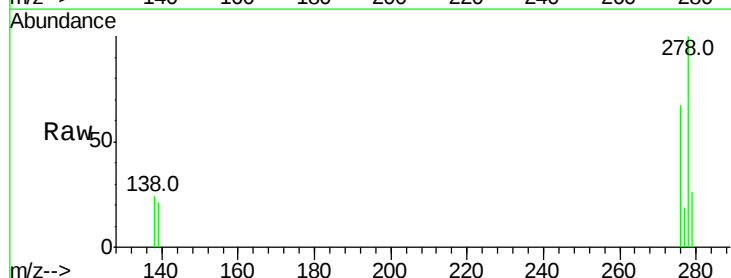
Tgt Ion:278 Resp: 16908

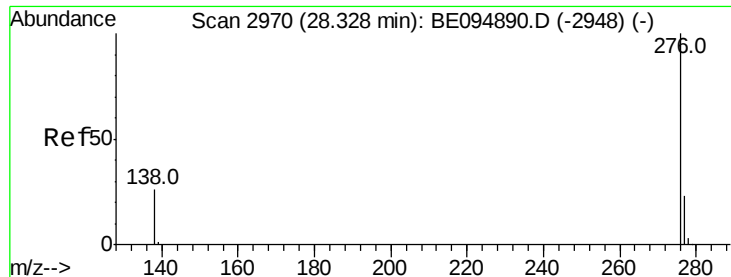
Ion Ratio Lower Upper

278 100

139 21.3 56.0 84.0#

279 26.0 52.0 78.0#





#39

Benzo(a,h,i)perylene

Concen: 0.385 ng

RT: 28.33 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

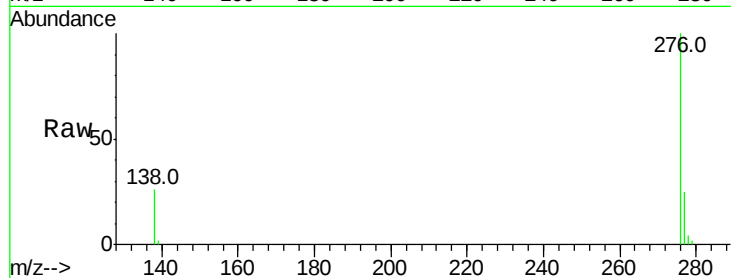
Tot Ion:276 Resp: 18301

Ion Ratio Lower Upper

276 100

277 25.1 52.0 78.0#

138 26.5 44.0 66.0#



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

