

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE031119\  
 Data File : BE098874.D  
 Acq On : 11 Mar 2019 23:51  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Mar 12 07:27:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE030619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 06 15:33:24 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 860      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.59 | 136  | 4026     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.46 | 164  | 2684     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.21 | 188  | 7065     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.39 | 240  | 8421     | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.89 | 264  | 8390     | 0.40 | ng    | -0.01    |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.39  | 112 | 916   | 0.36 | ng | 0.00 |
| 5) Phenol-d6                | 6.99  | 99  | 1450  | 0.40 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.96  | 82  | 1554  | 0.37 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.19 | 152 | 2952  | 0.40 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.97 | 330 | 464   | 0.34 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.09 | 172 | 4512  | 0.41 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.24 | 212 | 40287 | 0.36 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.85 | 244 | 8061  | 0.39 | ng | 0.00 |

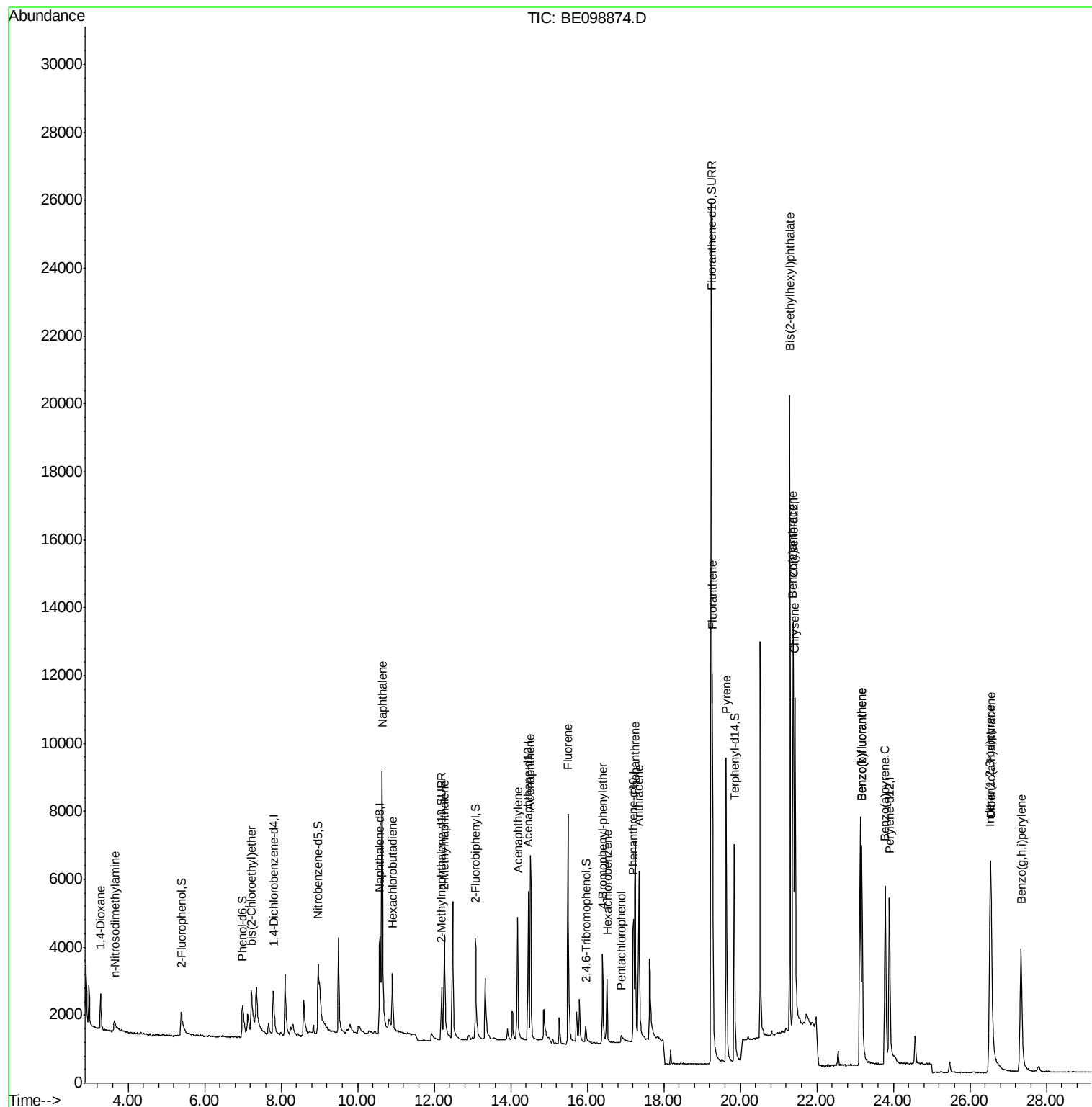
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.28  | 88  | 635   | 0.375  | ng | 93   |
| 3) n-Nitrosodimethylamine      | 3.65  | 42  | 520   | 0.240  | ng | # 98 |
| 6) bis(2-Chloroethyl)ether     | 7.22  | 93  | 909   | 0.324  | ng | 82   |
| 9) Naphthalene                 | 10.64 | 128 | 18446 | 0.400  | ng | 100  |
| 10) Hexachlorobutadiene        | 10.91 | 225 | 1131  | 0.371  | ng | 97   |
| 12) 2-Methylnaphthalene        | 12.27 | 142 | 2868  | 0.383  | ng | 99   |
| 16) Acenaphthylene             | 14.18 | 152 | 5405  | 0.392  | ng | 97   |
| 17) Acenaphthene               | 14.51 | 154 | 3241  | 0.396  | ng | 98   |
| 18) Fluorene                   | 15.50 | 166 | 4471  | 0.379  | ng | 97   |
| 20) 4-Bromophenyl-phenylether  | 16.40 | 248 | 1349  | 0.352  | ng | 95   |
| 21) Hexachlorobenzene          | 16.52 | 284 | 1737  | 0.382  | ng | 97   |
| 22) Pentachlorophenol          | 16.89 | 266 | 263   | 0.434  | ng | 92   |
| 23) Phenanthrene               | 17.25 | 178 | 7636  | 0.380  | ng | 99   |
| 24) Anthracene                 | 17.35 | 178 | 6333  | 0.369  | ng | 99   |
| 26) Fluoranthene               | 19.27 | 202 | 10130 | 0.357  | ng | 99   |
| 28) Pyrene                     | 19.64 | 202 | 10407 | 0.404  | ng | 99   |
| 30) Benzo(a)anthracene         | 21.38 | 228 | 9713  | 0.370  | ng | 99   |
| 31) Chrysene                   | 21.43 | 228 | 11335 | 0.403  | ng | 96   |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 21317 | 0.381  | ng | # 99 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.52 | 276 | 11818 | 0.398  | ng | 98   |
| 35) Benzo(b)fluoranthene       | 23.18 | 252 | 11083 | 0.402  | ng | 98   |
| 36) Benzo(k)fluoranthene       | 23.18 | 252 | 11083 | 0.384  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.79 | 252 | 10428 | 0.394  | ng | # 94 |
| 38) Dibenzo(a,h)anthracene     | 26.56 | 278 | 9592  | 0.383  | ng | # 97 |
| 39) Benzo(g,h,i)perylene       | 27.34 | 276 | 10022 | 0.383  | ng | 97   |

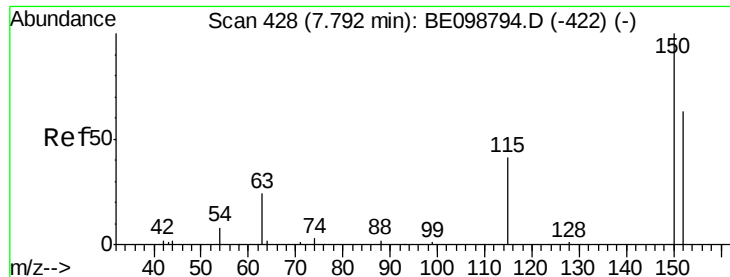
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE031119\  
Data File : BE098874.D  
Acq On : 11 Mar 2019 23:51  
Operator : JU/SJ  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Quant Time: Mar 12 07:27:06 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE030619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 06 15:33:24 2019  
Response via : Initial Calibration



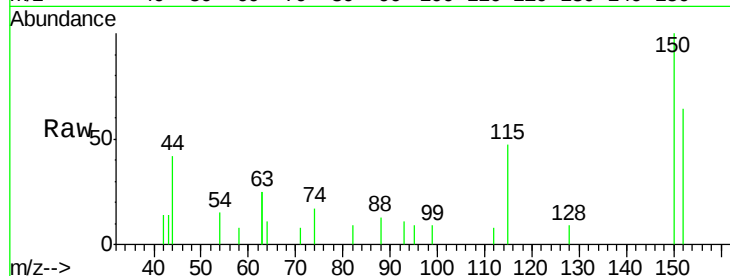


#1

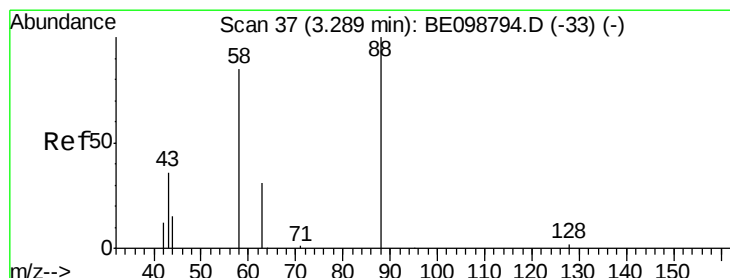
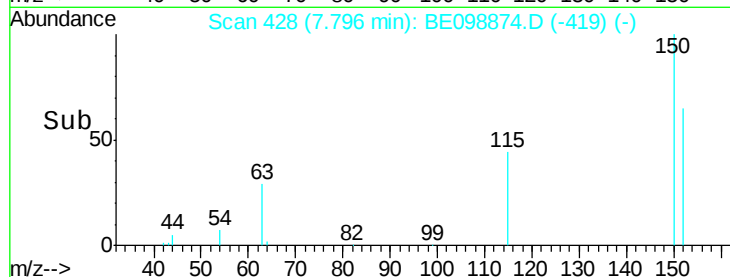
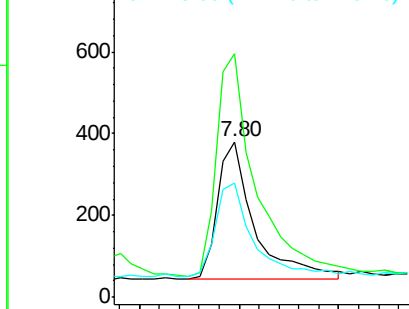
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.80 min Scan# 428  
Delta R.T. 0.00 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion: 152 Resp: 860  
Ion Ratio Lower Upper  
152 100  
150 156.6 122.5 183.7  
115 73.2 57.4 86.2



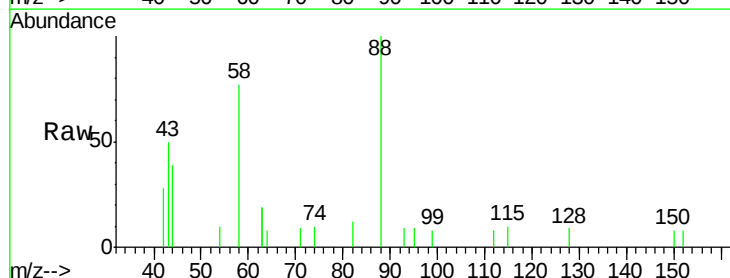
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



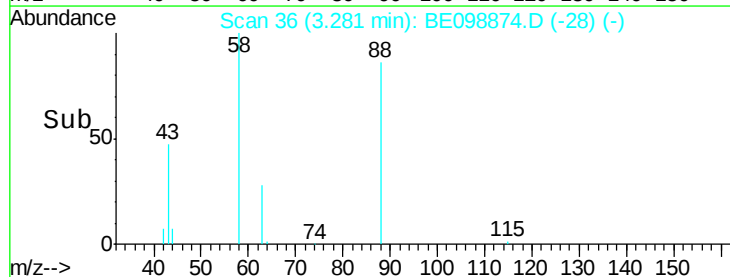
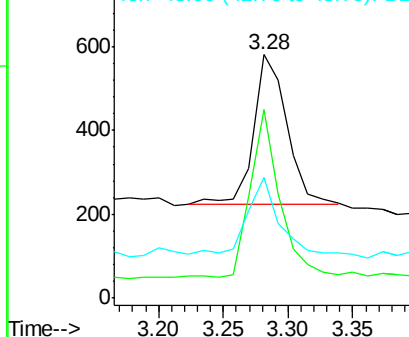
#2

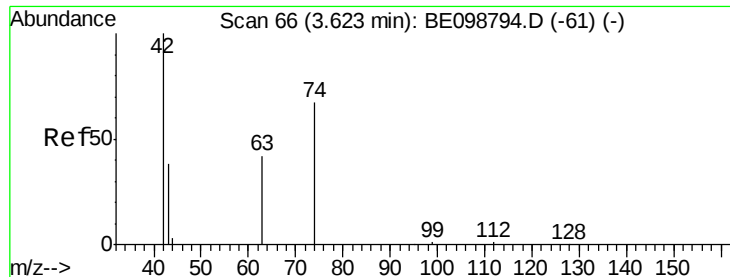
1,4-Dioxane  
Concen: 0.375 ng  
RT: 3.28 min Scan# 36  
Delta R.T. -0.01 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

Tgt Ion: 88 Resp: 635  
Ion Ratio Lower Upper  
88 100  
58 101.3 75.8 113.6  
43 47.4 41.8 62.8



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



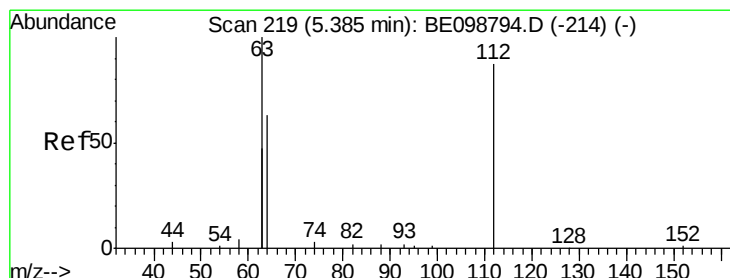
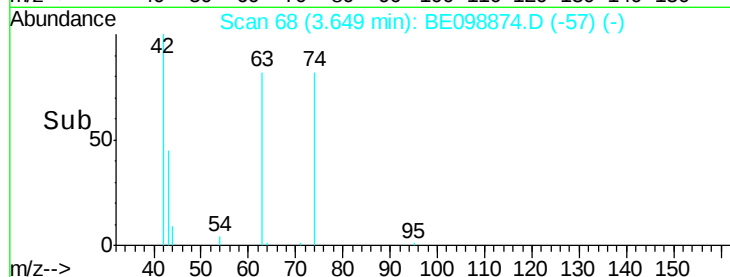
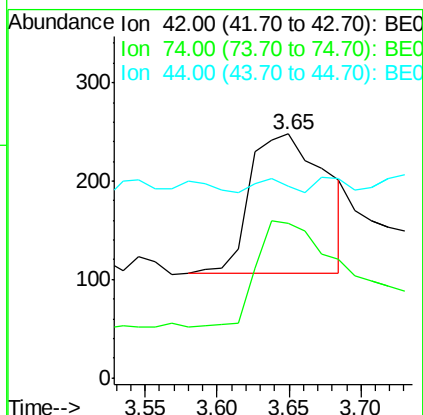
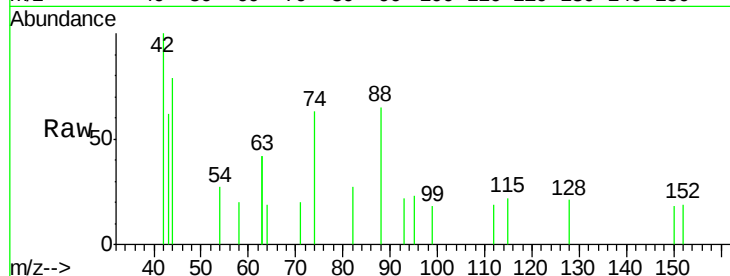


#3

n-Nitrosodimethylamine  
 Concen: 0.240 ng  
 RT: 3.65 min Scan# 68  
 Delta R.T. 0.03 min  
 Lab File: BE098874.D  
 Acq: 11 Mar 2019 23:51

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

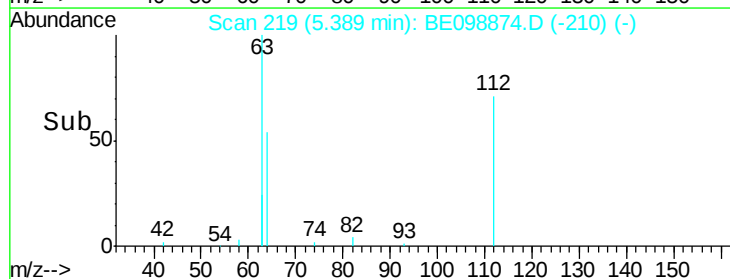
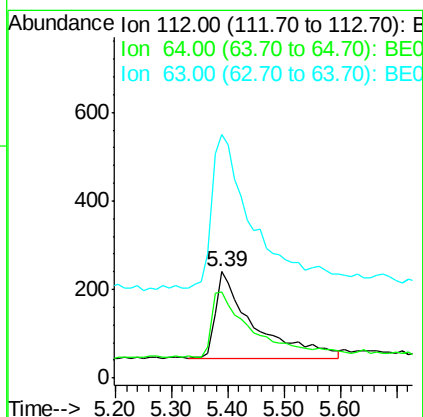
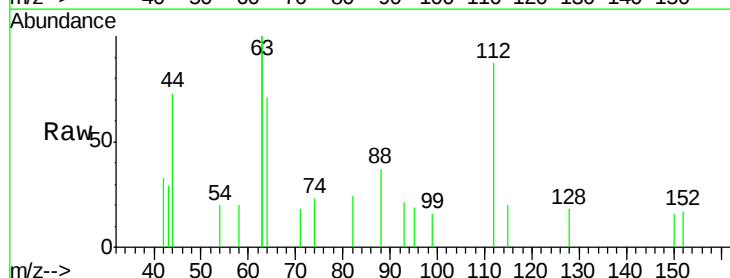
Tgt Ion: 42 Resp: 520  
 Ion Ratio Lower Upper  
 42 100  
 74 69.8 57.0 85.4  
 44 4.2 0.0 0.0#

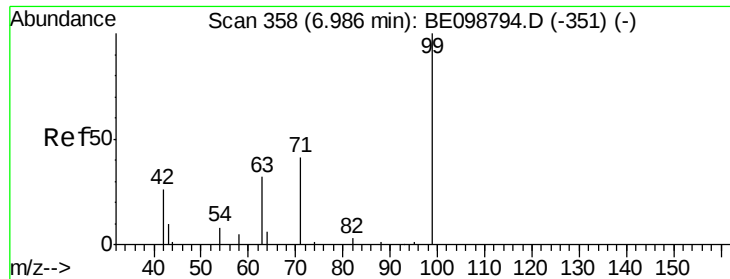


#4

2-Fluorophenol  
 Concen: 0.356 ng  
 RT: 5.39 min Scan# 219  
 Delta R.T. 0.00 min  
 Lab File: BE098874.D  
 Acq: 11 Mar 2019 23:51

Tgt Ion: 112 Resp: 916  
 Ion Ratio Lower Upper  
 112 100  
 64 83.8 57.9 86.9  
 63 203.3 158.3 237.5





#5

Phenol-d6

Concen: 0.399 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

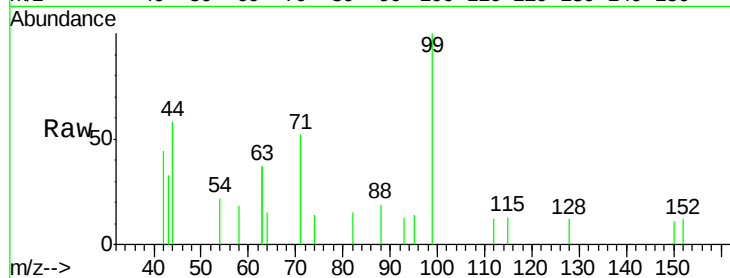
Tgt Ion: 99 Resp: 1450

Ion Ratio Lower Upper

99 100

42 32.6 24.2 36.2

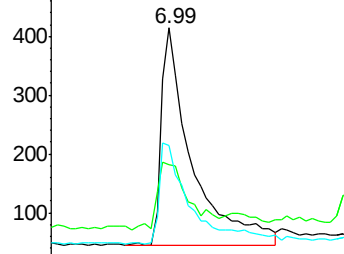
71 50.6 35.7 53.5



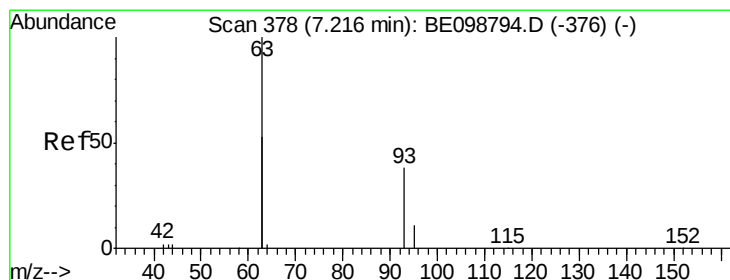
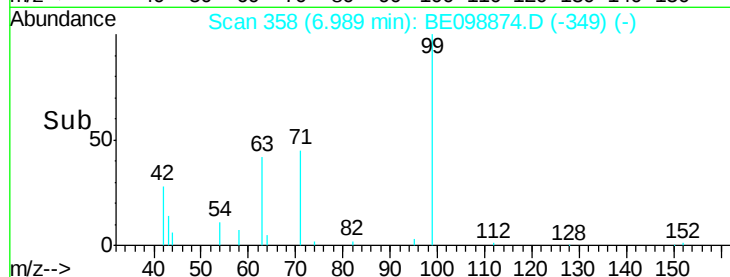
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.324 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

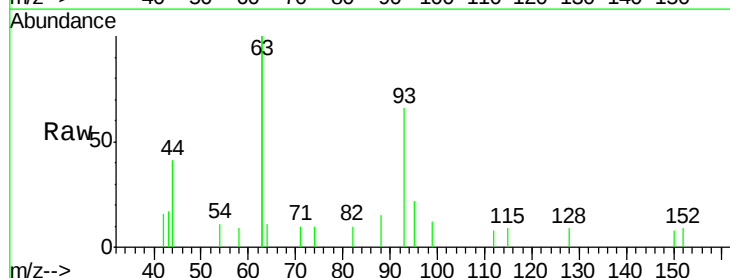
Tgt Ion: 93 Resp: 909

Ion Ratio Lower Upper

93 100

63 347.1 247.5 371.3

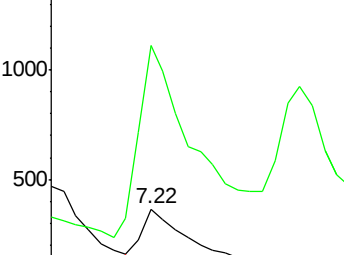
95 30.4 21.8 32.8



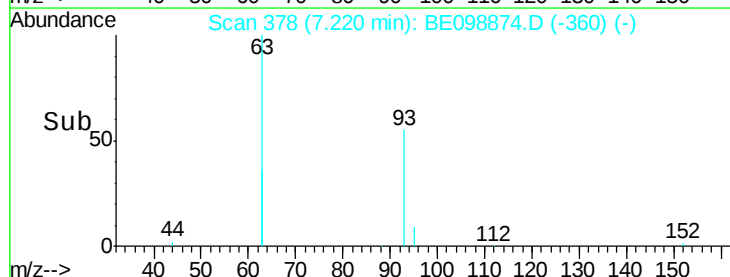
Abundance Ion 93.00 (92.70 to 93.70): BE0

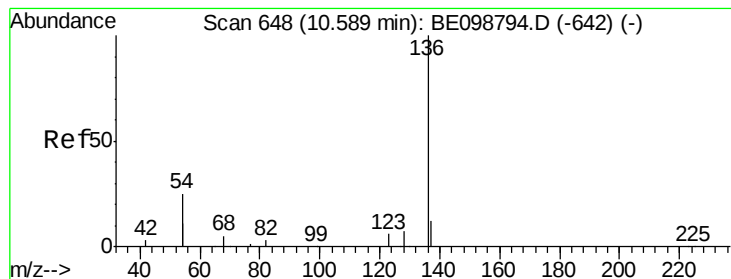
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 4026

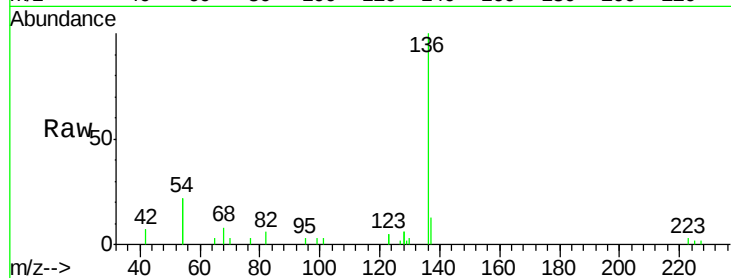
Ion Ratio Lower Upper

136 100

137 12.8 11.4 17.0

54 44.5 39.3 58.9

68 7.9 6.7 10.1

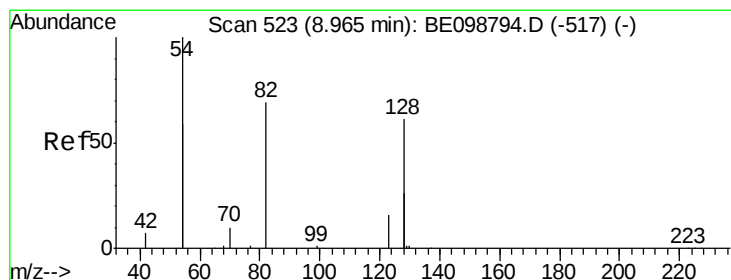
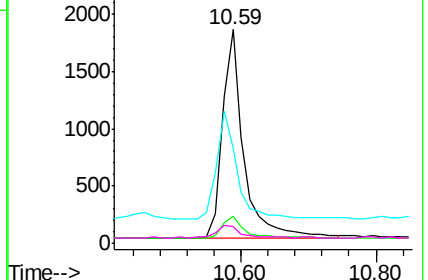
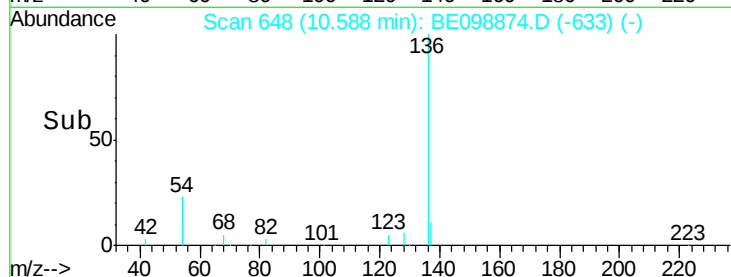


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

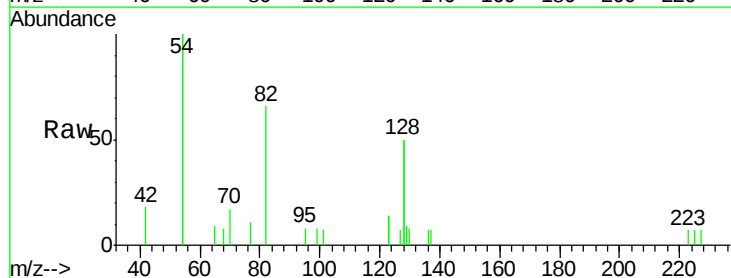
Tgt Ion: 82 Resp: 1554

Ion Ratio Lower Upper

82 100

128 151.9 123.8 185.8

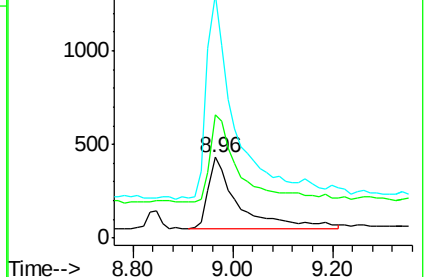
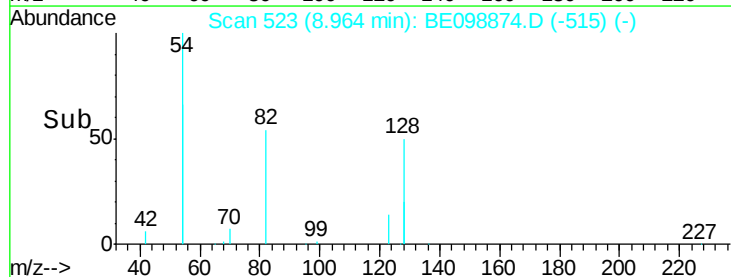
54 300.9 203.4 305.2

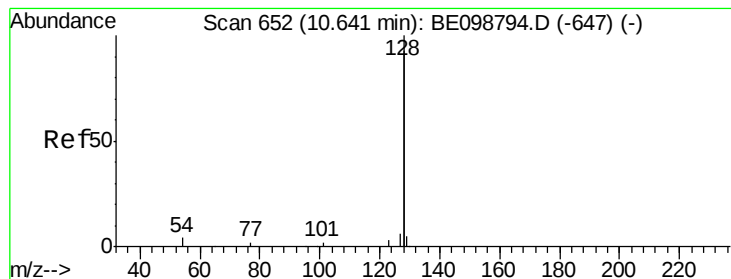


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

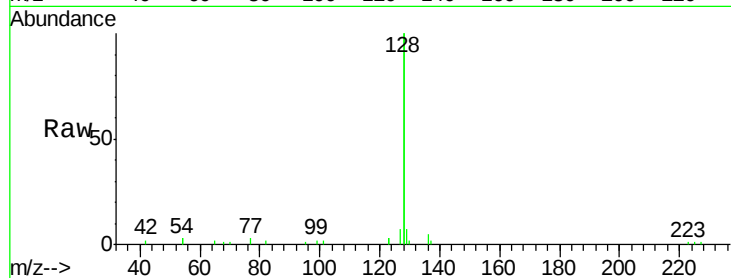
Tgt Ion:128 Resp: 18446

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

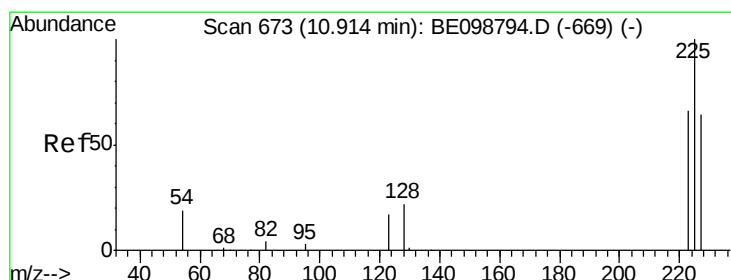
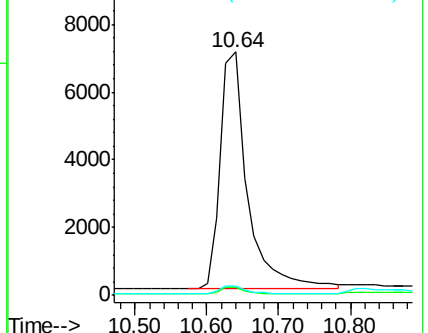
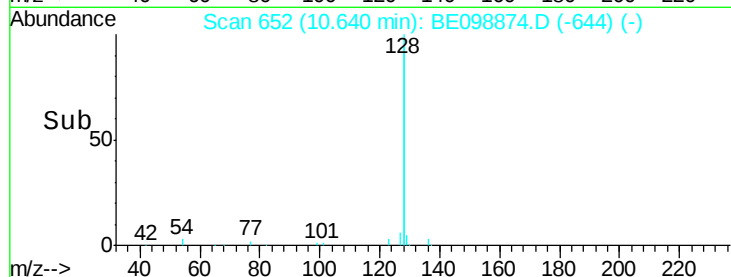
127 3.6 3.1 4.7



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: 0.371 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

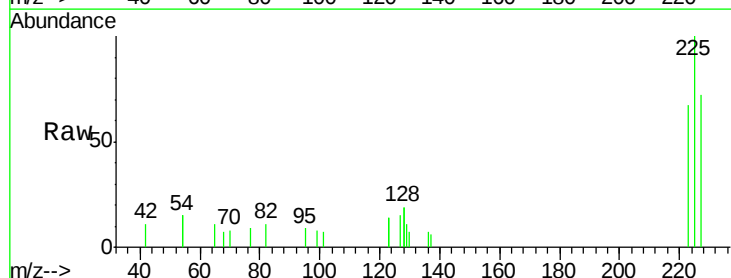
Tgt Ion:225 Resp: 1131

Ion Ratio Lower Upper

225 100

223 65.8 51.1 76.7

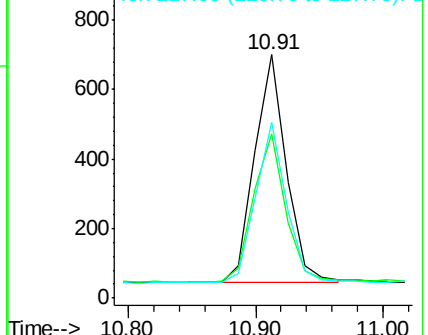
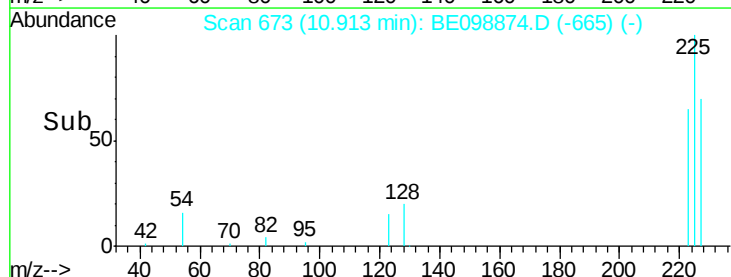
227 67.8 51.6 77.4

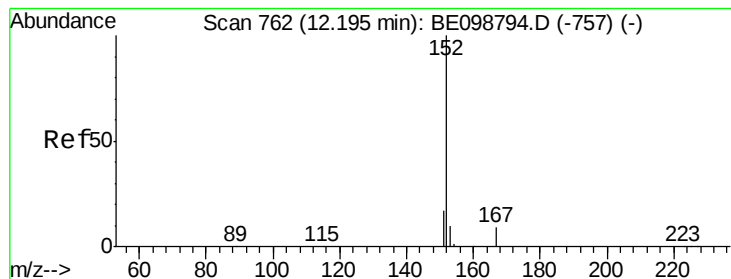


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.397 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

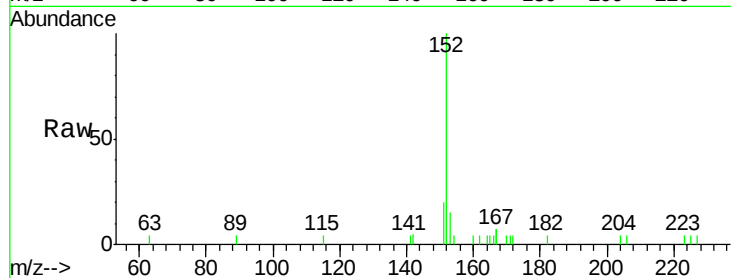
SSTDCCC0.4

Tgt Ion:152 Resp: 2952

Ion Ratio Lower Upper

152 100

151 19.7 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

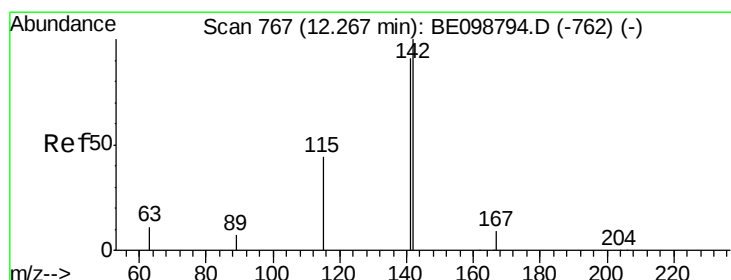
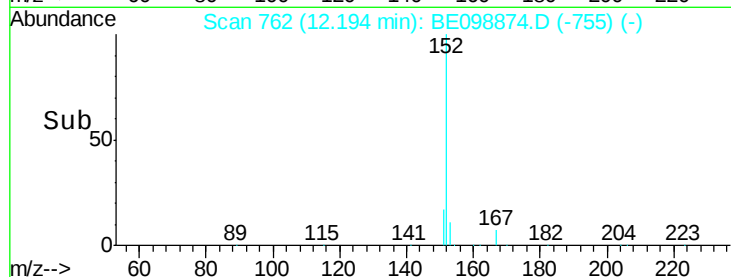
1000

500

0

12.10 12.20 12.30 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.383 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

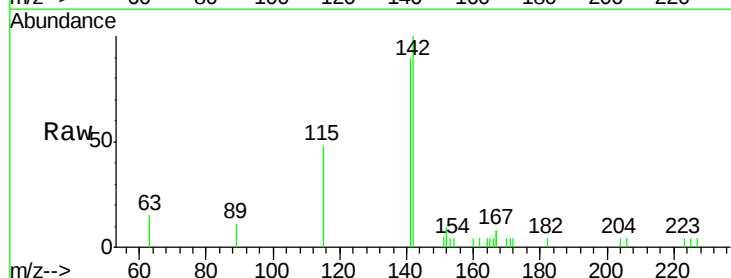
Tgt Ion:142 Resp: 2868

Ion Ratio Lower Upper

142 100

141 90.4 72.6 108.8

115 48.4 37.4 56.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.27

1500

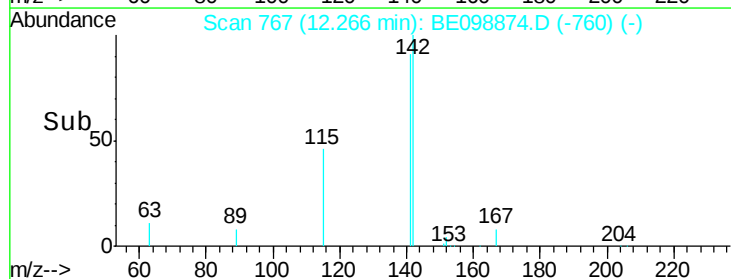
1000

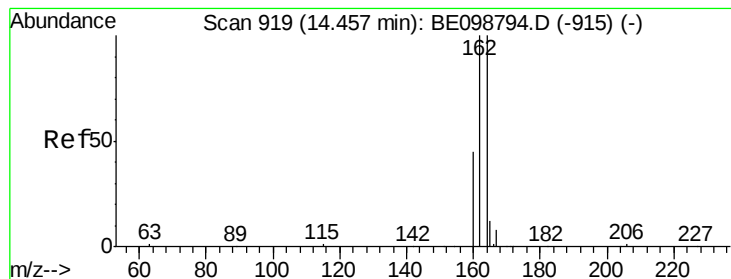
500

0

12.20 12.30

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

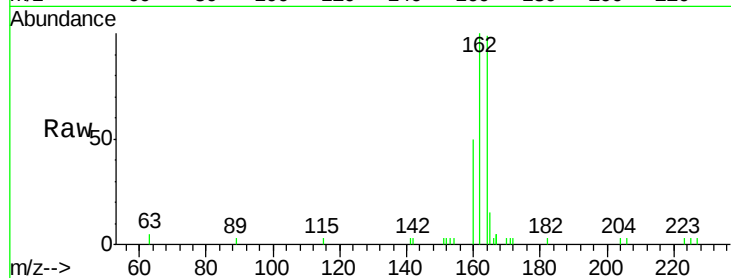
Tgt Ion:164 Resp: 2684

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

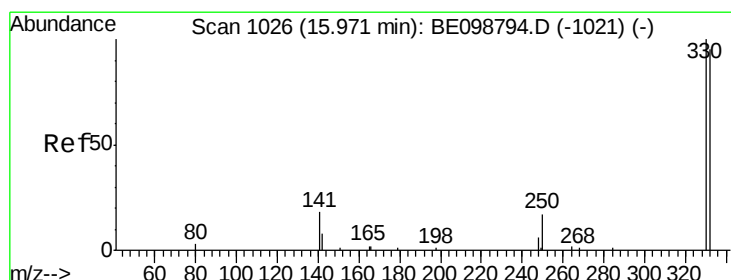
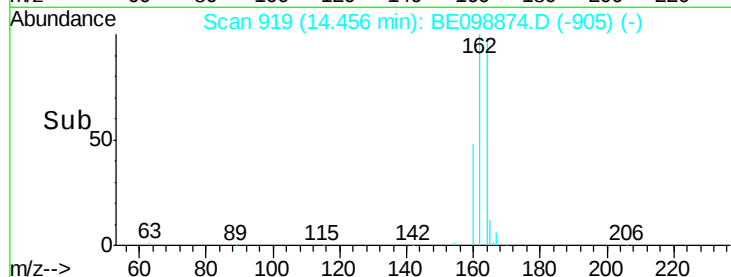
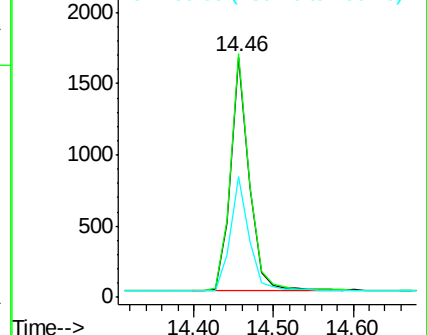
160 50.4 37.8 56.8



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: 0.343 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

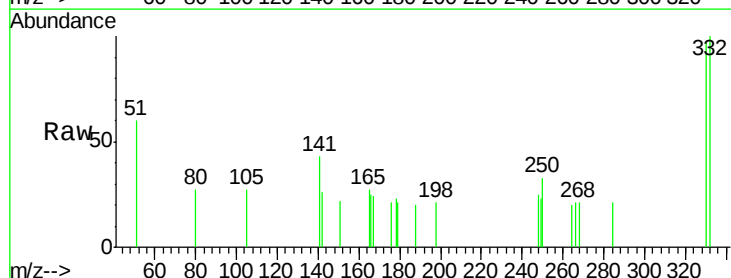
Tgt Ion:330 Resp: 464

Ion Ratio Lower Upper

330 100

332 100.6 77.6 116.4

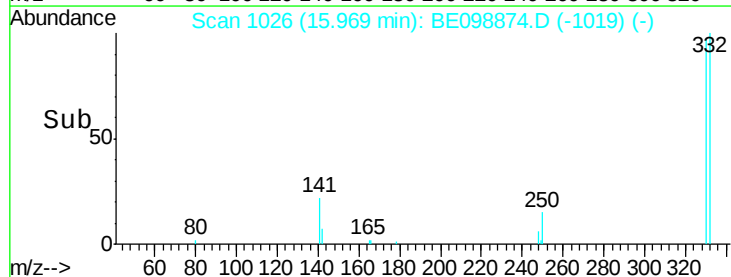
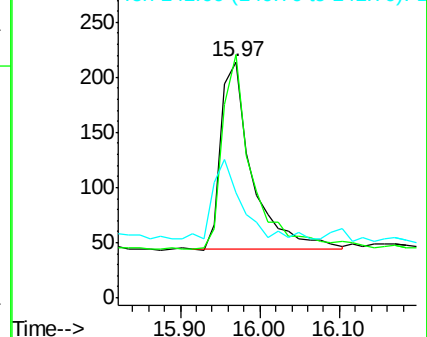
141 39.4 31.0 46.4

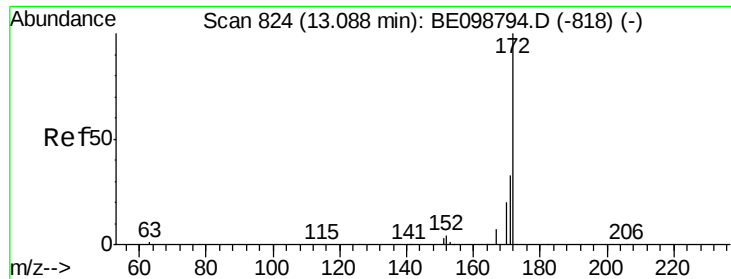


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

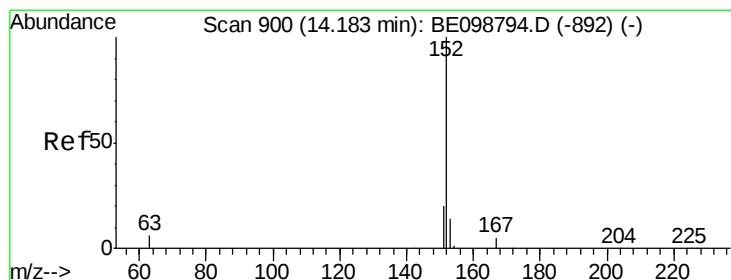
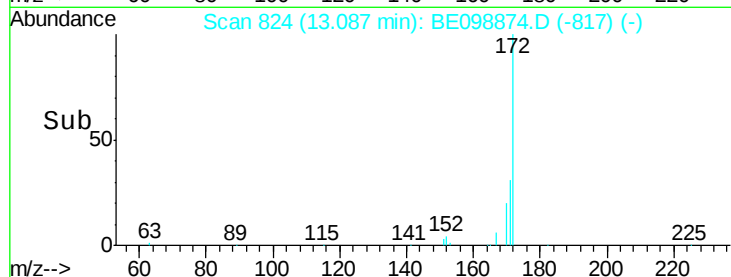
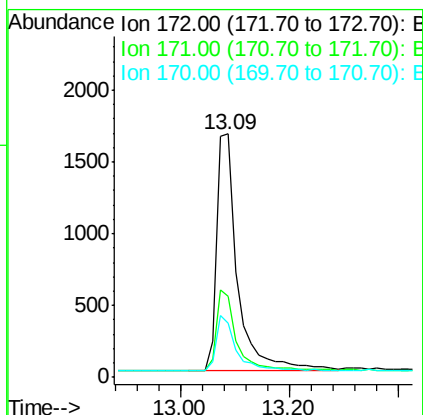
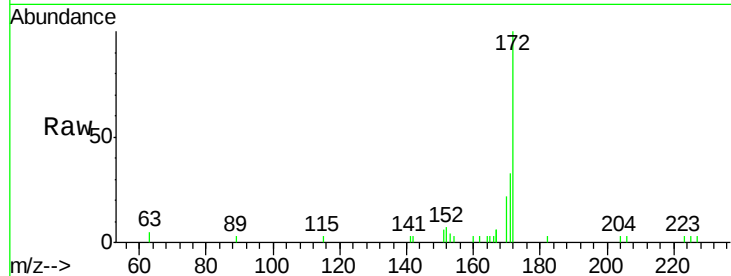




#15  
2-Fluorobiphenyl  
Concen: 0.406 ng  
RT: 13.09 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

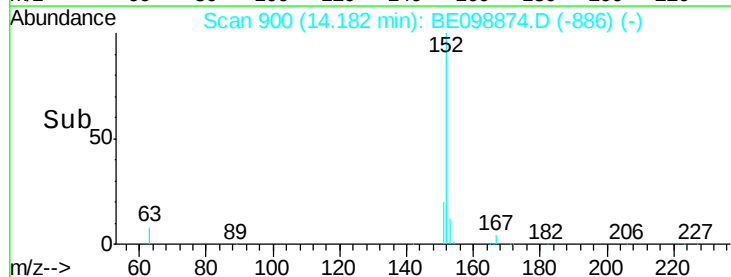
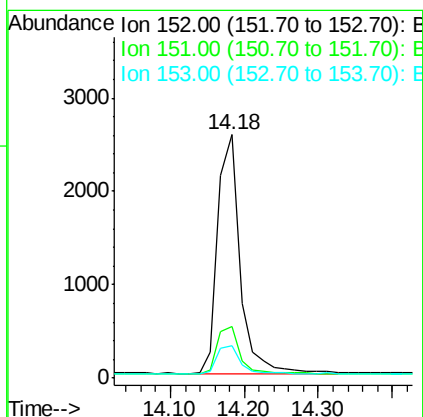
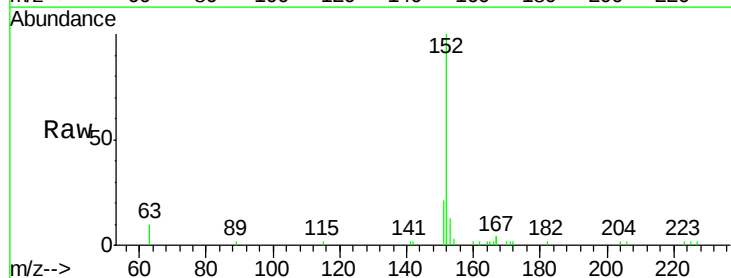
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

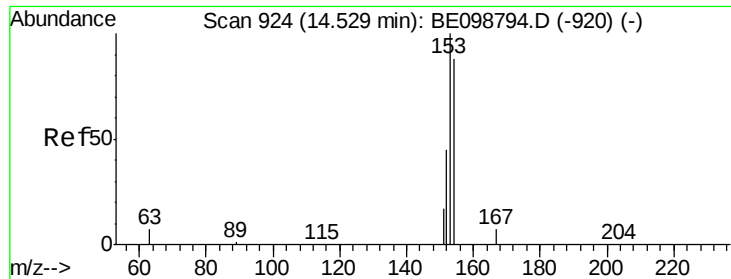
Tgt Ion:172 Resp: 4512  
Ion Ratio Lower Upper  
172 100  
171 33.4 28.0 42.0  
170 22.5 17.7 26.5



#16  
Acenaphthylene  
Concen: 0.392 ng  
RT: 14.18 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

Tgt Ion:152 Resp: 5405  
Ion Ratio Lower Upper  
152 100  
151 20.2 17.0 25.6  
153 12.4 11.2 16.8

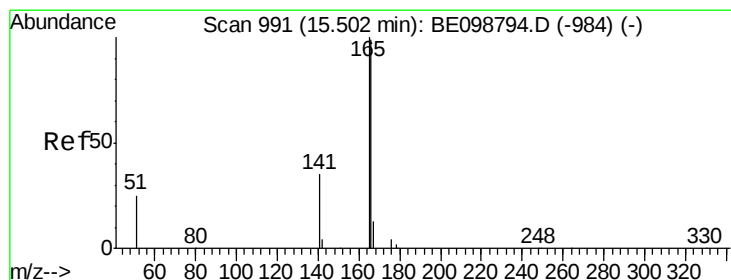
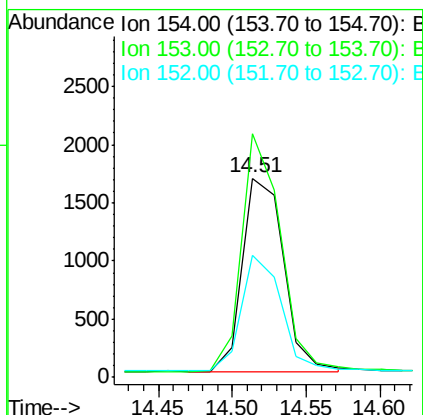
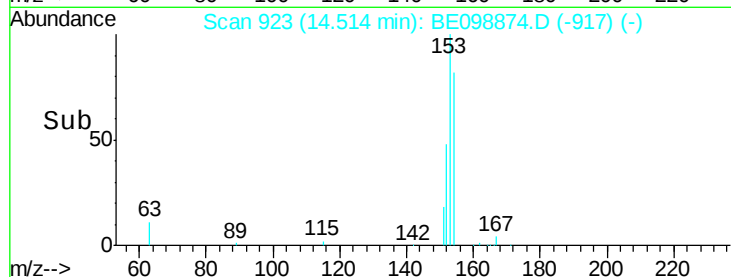
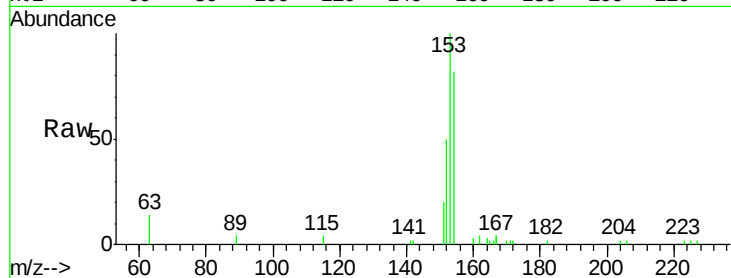




#17  
Acenaphthene  
Concen: 0.396 ng  
RT: 14.51 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

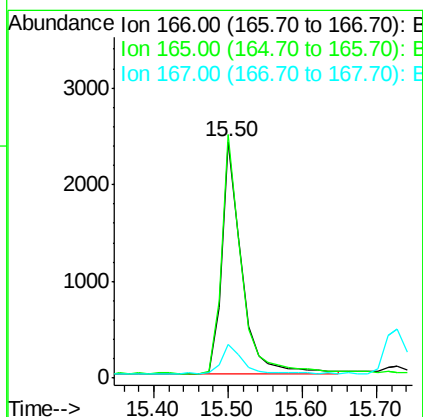
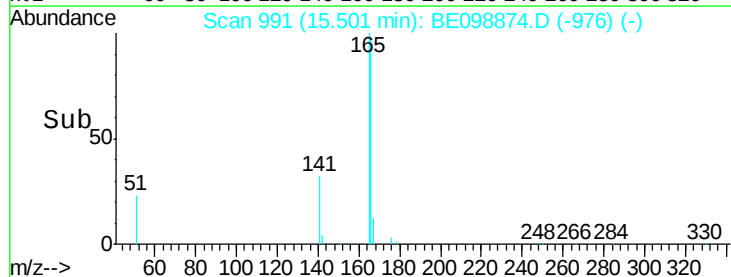
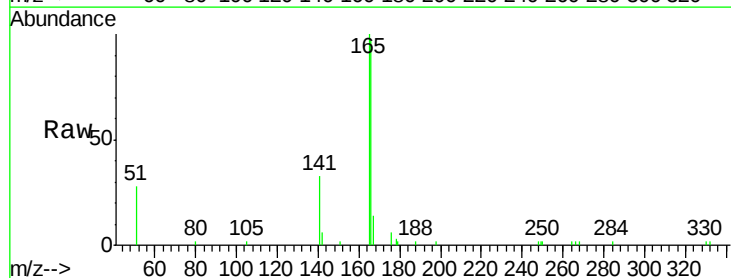
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

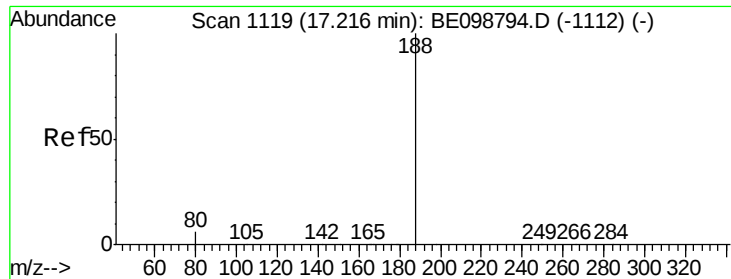
Tgt Ion:154 Resp: 3241  
Ion Ratio Lower Upper  
154 100  
153 115.5 94.2 141.4  
152 57.4 45.0 67.4



#18  
Fluorene  
Concen: 0.379 ng  
RT: 15.50 min Scan# 991  
Delta R.T. -0.00 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

Tgt Ion:166 Resp: 4471  
Ion Ratio Lower Upper  
166 100  
165 102.1 79.3 118.9  
167 13.8 10.5 15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

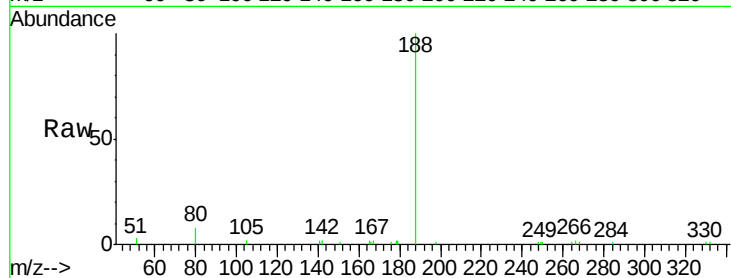
Tgt Ion:188 Resp: 7065

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

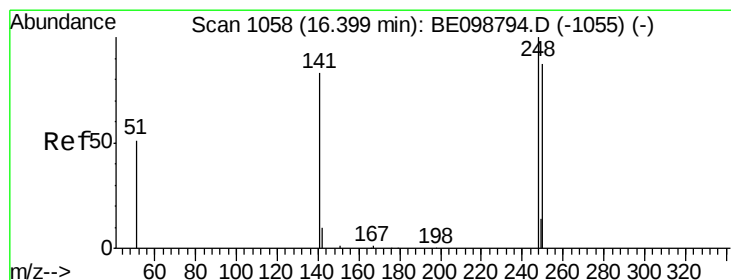
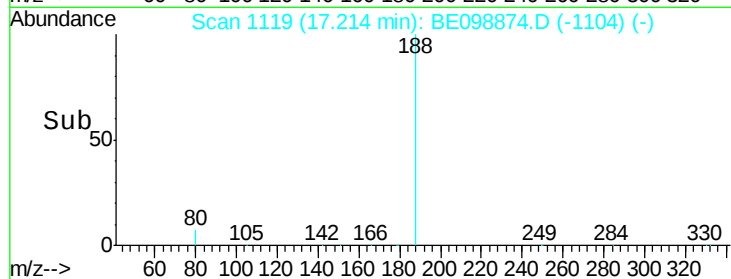
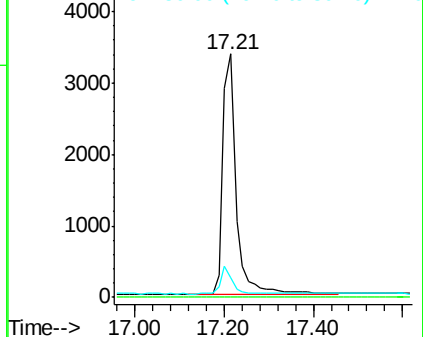
80 8.2 6.3 9.5



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: 0.352 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

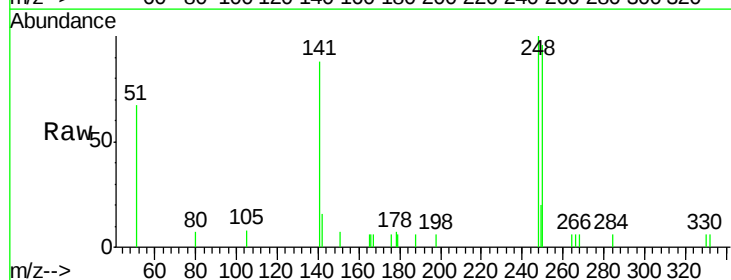
Tgt Ion:248 Resp: 1349

Ion Ratio Lower Upper

248 100

250 95.6 70.6 105.8

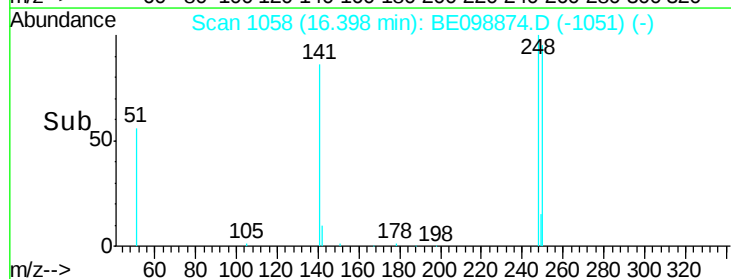
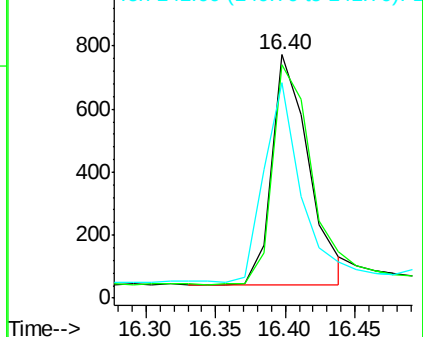
141 88.2 68.6 102.8

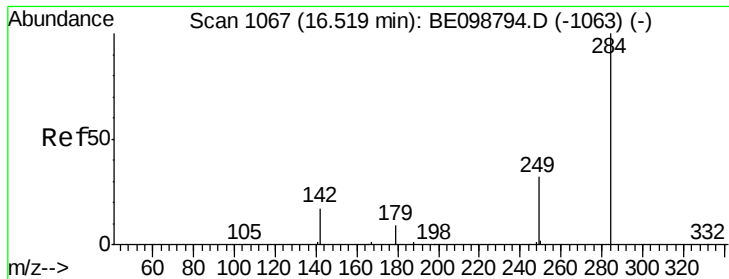


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

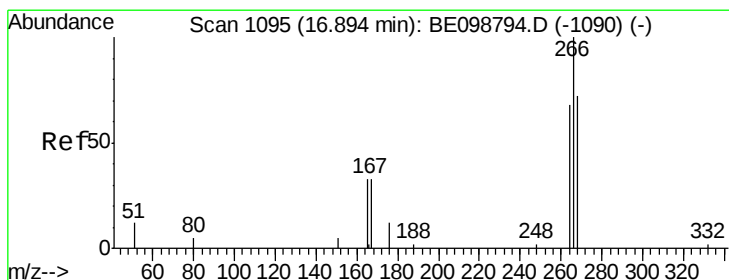
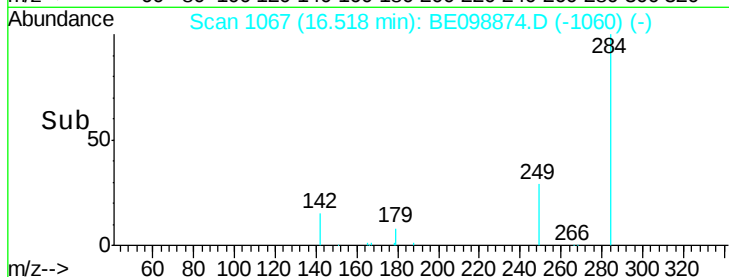
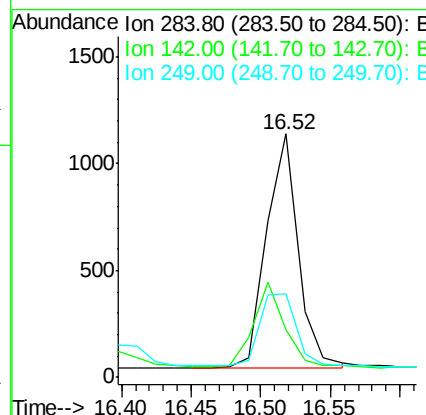
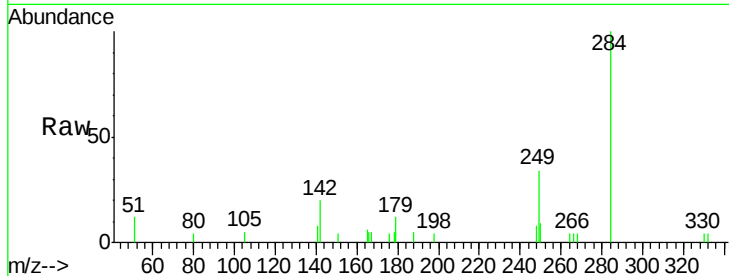




#21  
Hexachlorobenzene  
Concen: 0.382 ng  
RT: 16.52 min Scan# 1067  
Delta R.T. -0.00 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

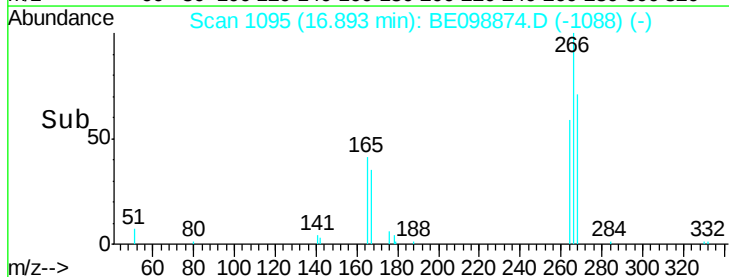
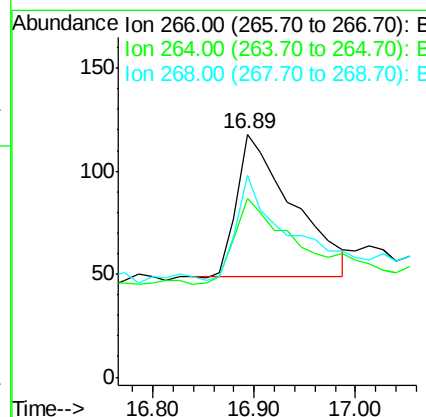
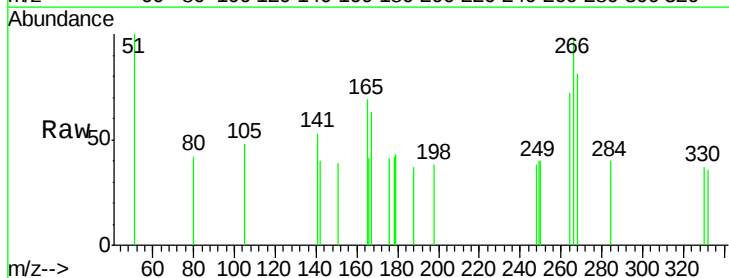
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

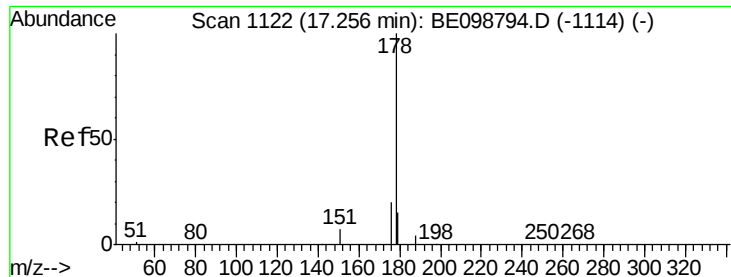
Tgt Ion: 284 Resp: 1737  
Ion Ratio Lower Upper  
284 100  
142 34.9 28.7 43.1  
249 34.9 29.6 44.4



#22  
Pentachlorophenol  
Concen: 0.434 ng  
RT: 16.89 min Scan# 1095  
Delta R.T. -0.00 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

Tgt Ion: 266 Resp: 263  
Ion Ratio Lower Upper  
266 100  
264 73.7 66.6 100.0  
268 83.1 69.8 104.8

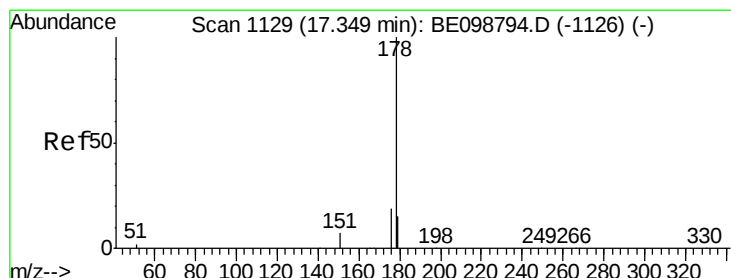
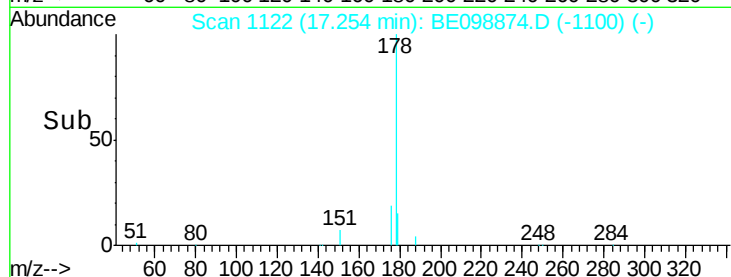
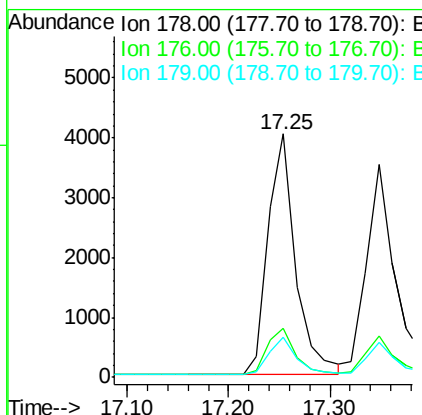
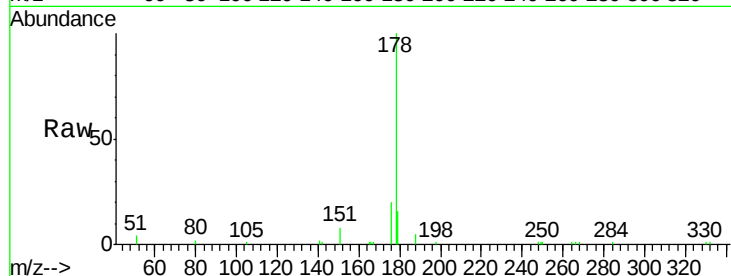




#23  
Phenanthrene  
Concen: 0.380 ng  
RT: 17.25 min Scan# 1122  
Delta R.T. -0.00 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

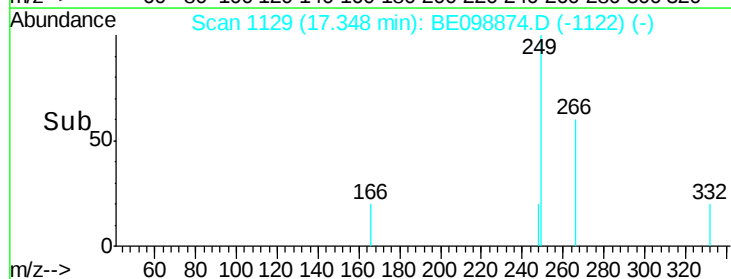
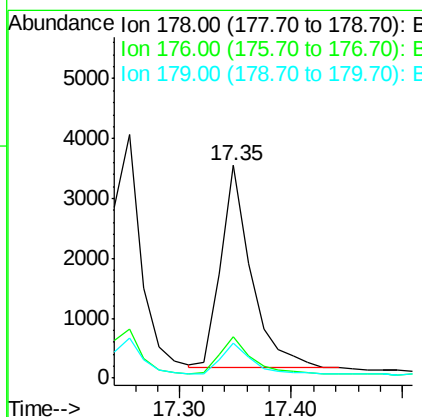
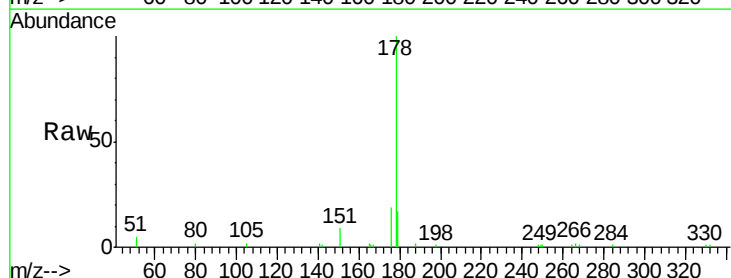
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

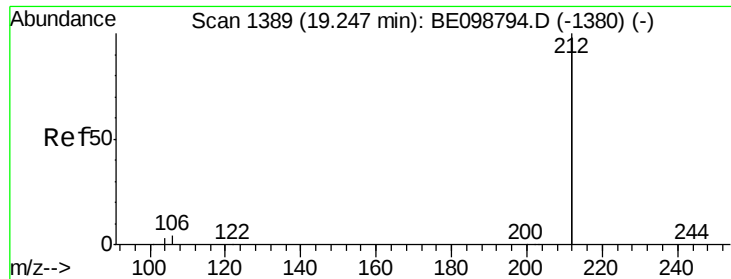
Tgt Ion:178 Resp: 7636  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.0 24.0  
179 15.3 12.1 18.1



#24  
Anthracene  
Concen: 0.369 ng  
RT: 17.35 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

Tgt Ion:178 Resp: 6333  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.0  
179 16.1 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

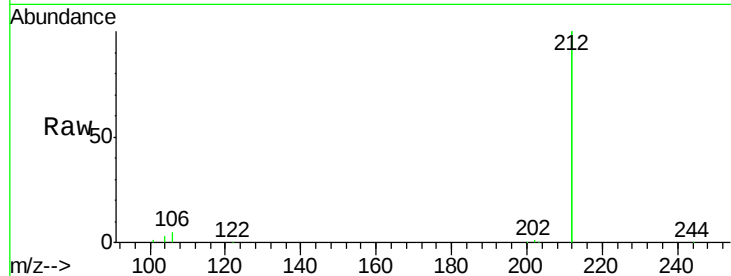
Tgt Ion:212 Resp: 40287

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

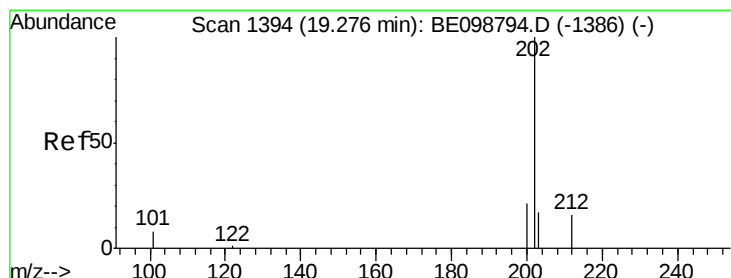
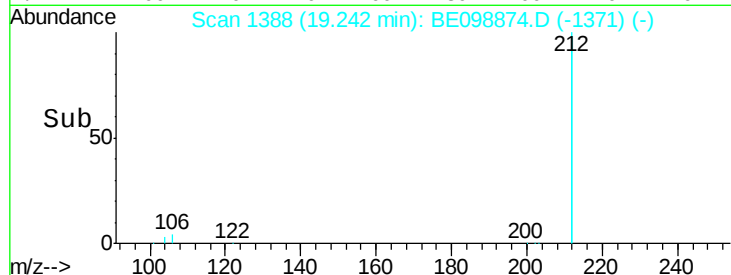
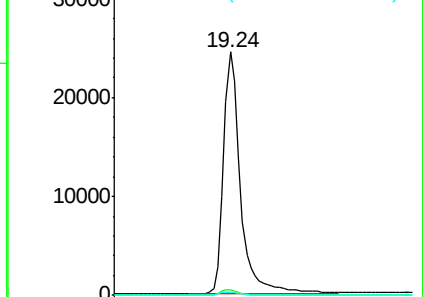
104 1.3 1.0 1.6



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: 0.357 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

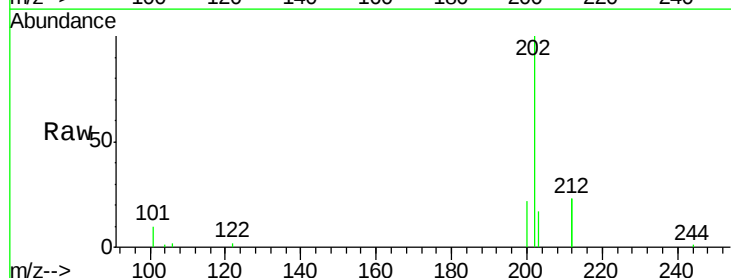
Tgt Ion:202 Resp: 10130

Ion Ratio Lower Upper

202 100

101 8.8 7.3 10.9

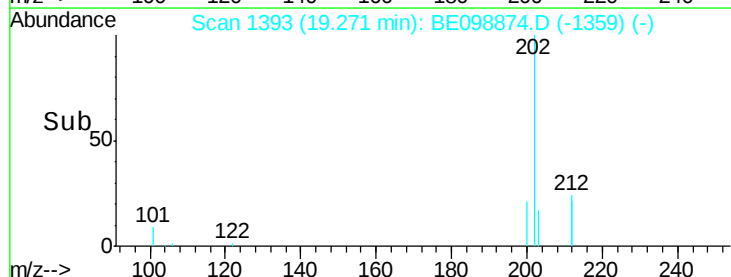
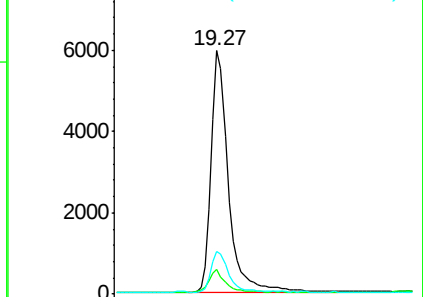
203 17.0 13.4 20.2

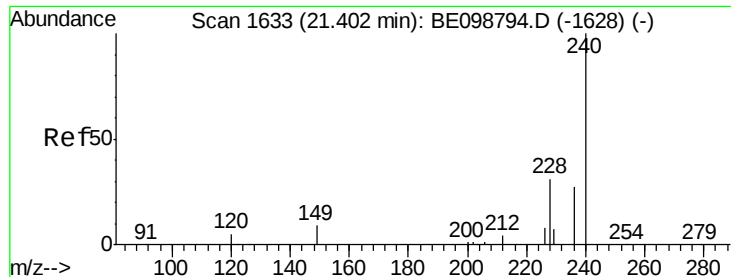


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

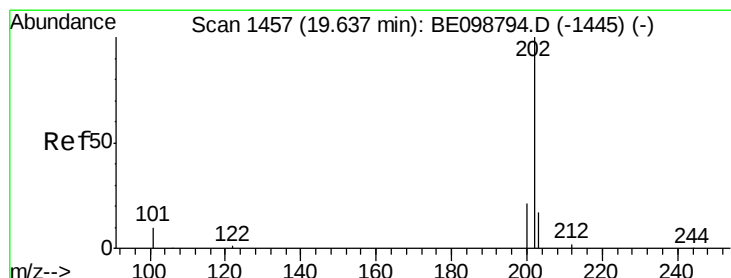
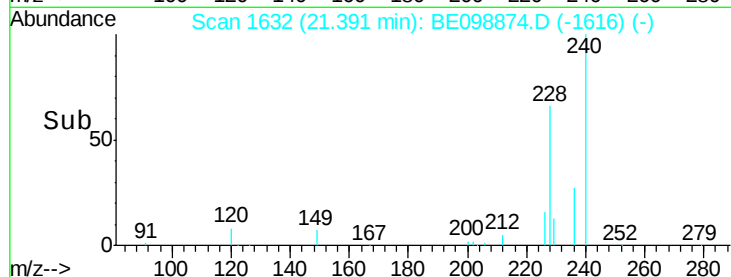
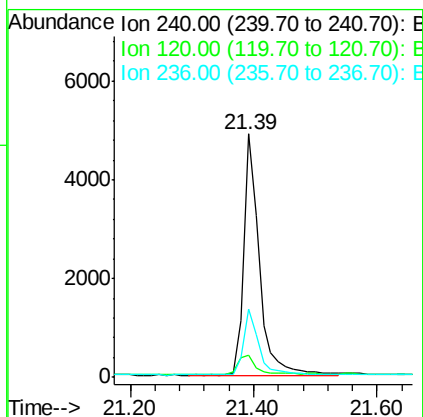
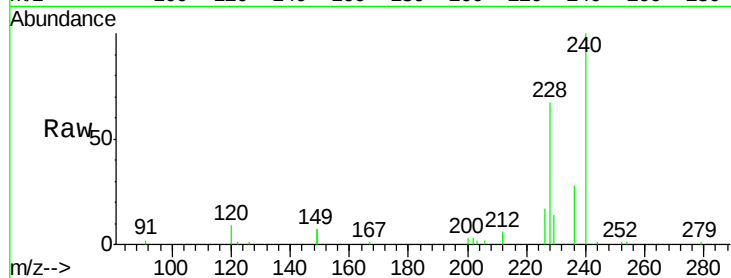




#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.39 min Scan# 1632  
Delta R.T. -0.01 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

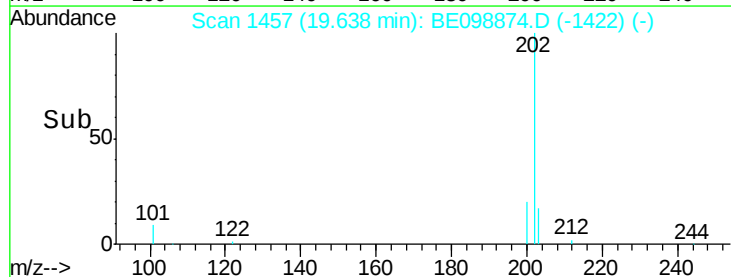
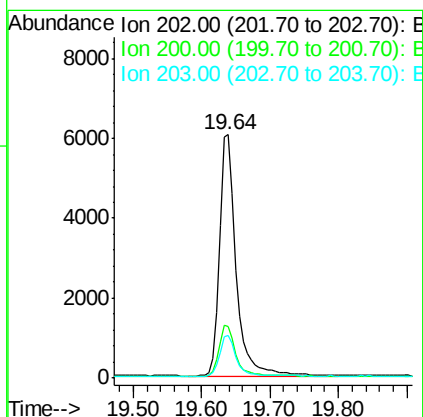
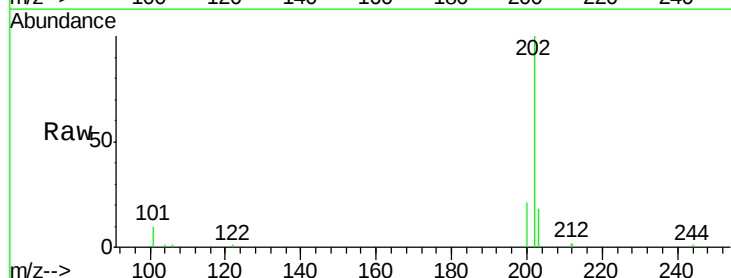
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

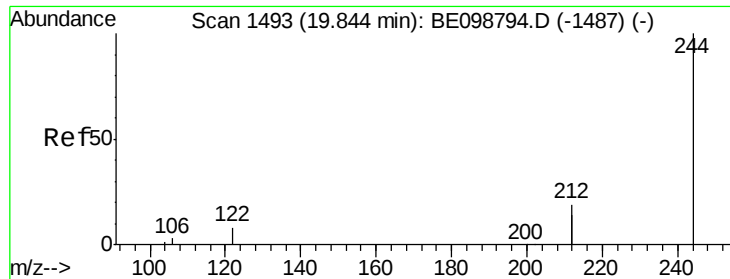
Tgt Ion:240 Resp: 8421  
Ion Ratio Lower Upper  
240 100  
120 9.0 5.0 7.4#  
236 28.1 22.7 34.1



#28  
Pyrene  
Concen: 0.404 ng  
RT: 19.64 min Scan# 1457  
Delta R.T. 0.00 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

Tgt Ion:202 Resp: 10407  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.6  
203 17.3 14.2 21.2





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

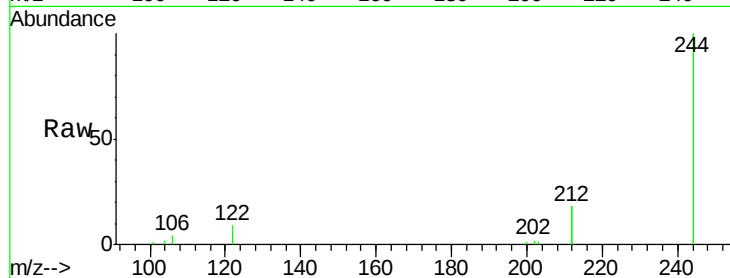
Tgt Ion:244 Resp: 8061

Ion Ratio Lower Upper

244 100

212 36.3 29.4 44.2

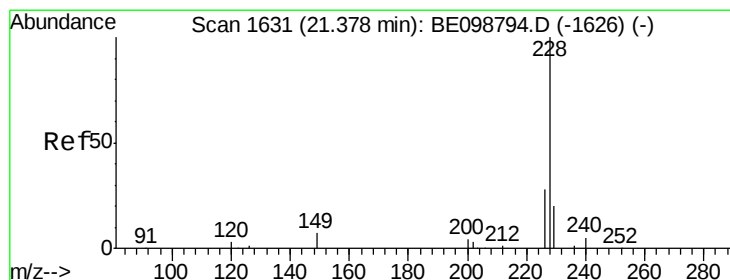
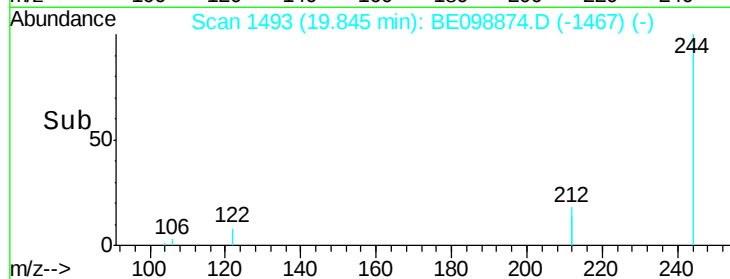
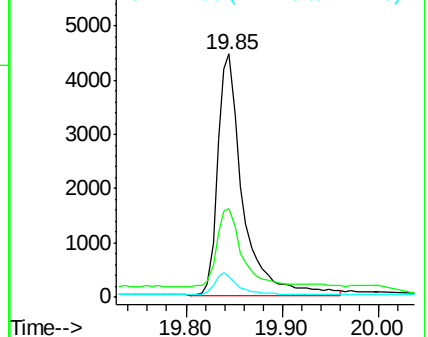
122 8.7 7.1 10.7



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: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

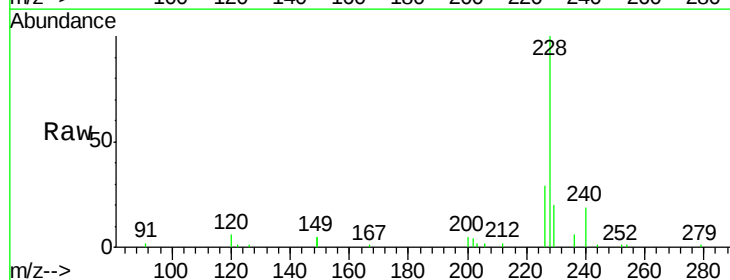
Tgt Ion:228 Resp: 9713

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.4

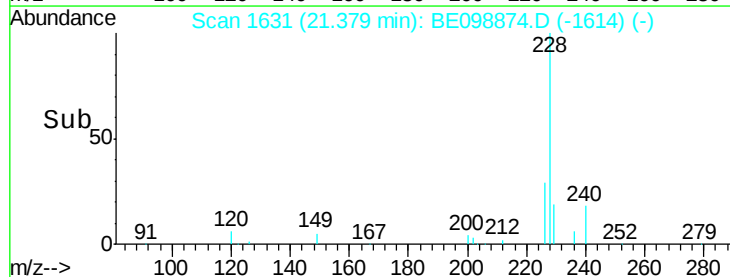
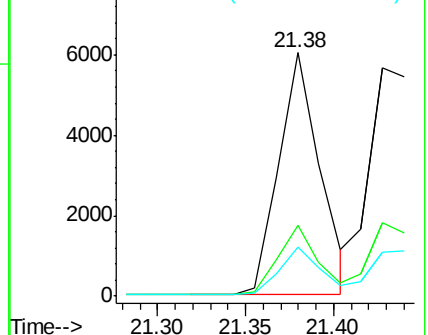
229 20.0 16.5 24.7

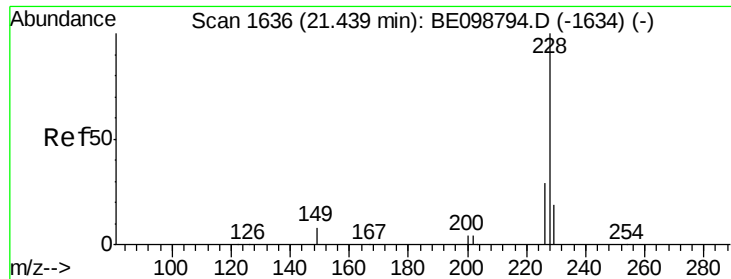


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.403 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

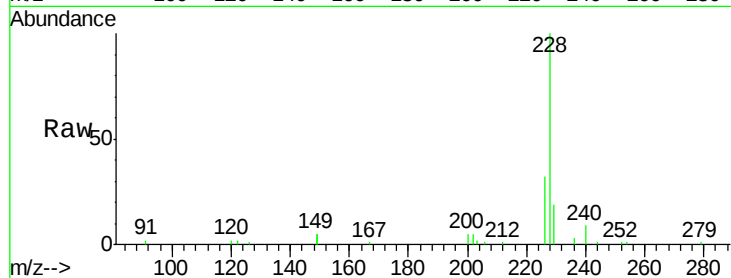
Tgt Ion:228 Resp: 11335

Ion Ratio Lower Upper

228 100

226 32.3 23.7 35.5

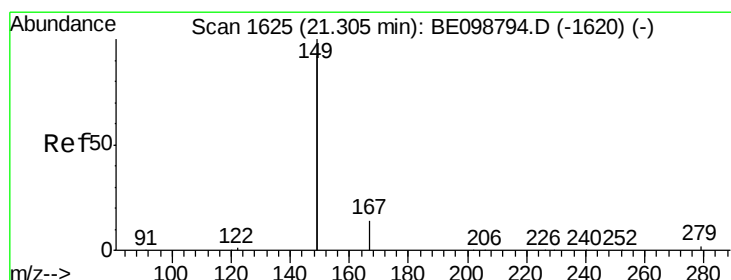
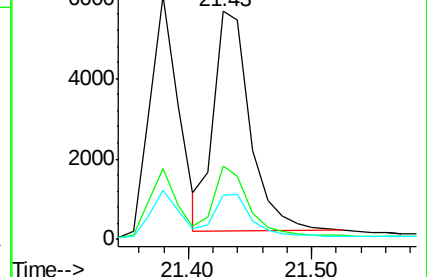
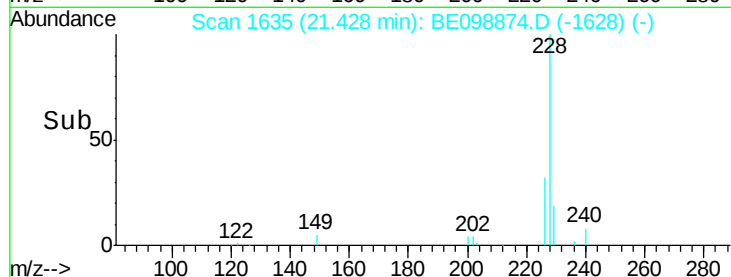
229 19.4 16.1 24.1



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: 0.381 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

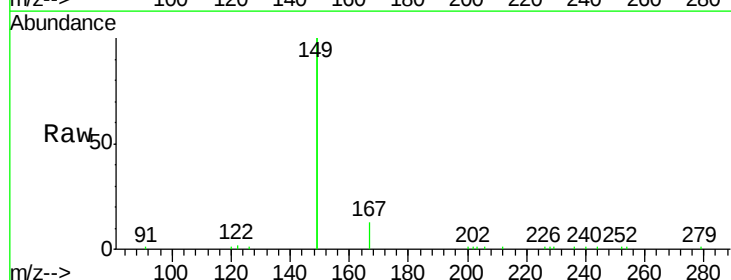
Tgt Ion:149 Resp: 21317

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

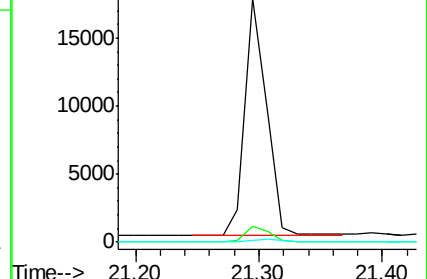
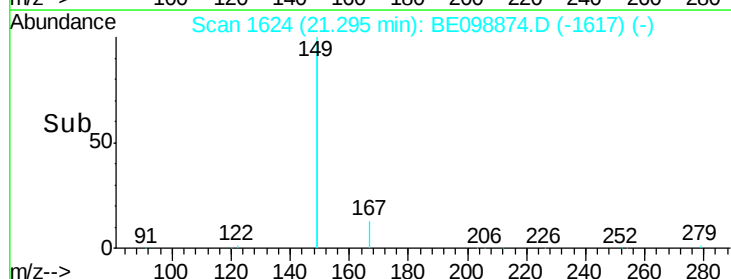
279 1.0 1.0 1.4#

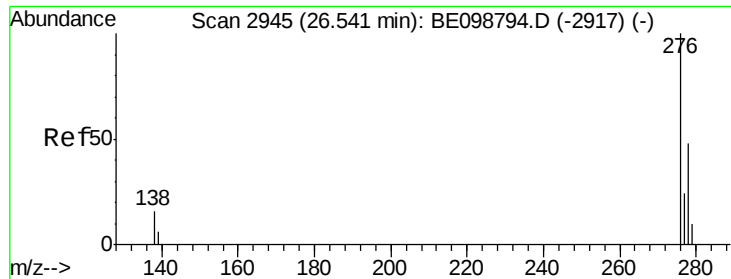


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.398 ng

RT: 26.52 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

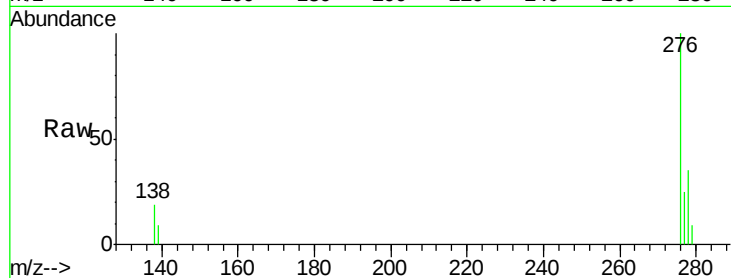
Tgt Ion:276 Resp: 11818

Ion Ratio Lower Upper

276 100

138 19.1 13.8 20.8

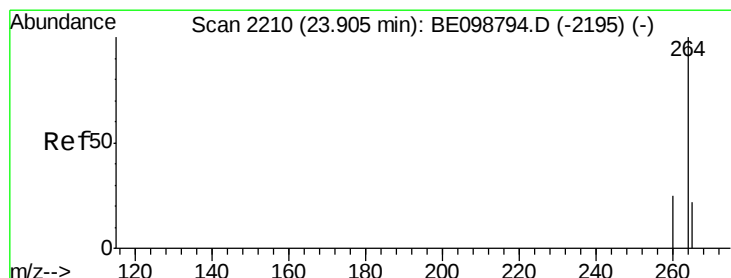
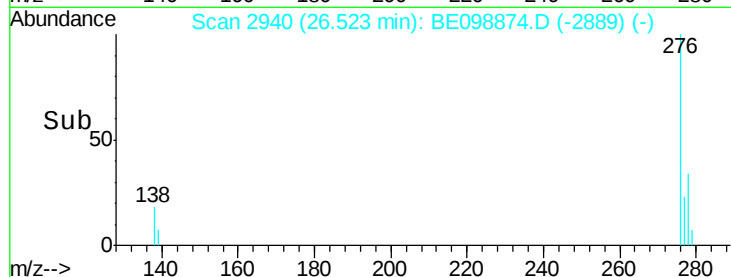
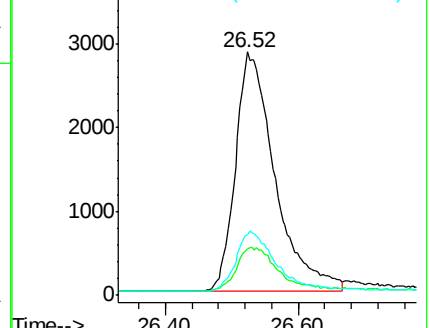
277 25.0 19.5 29.3



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: 23.89 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098874.D

Acq: 11 Mar 2019 23:51

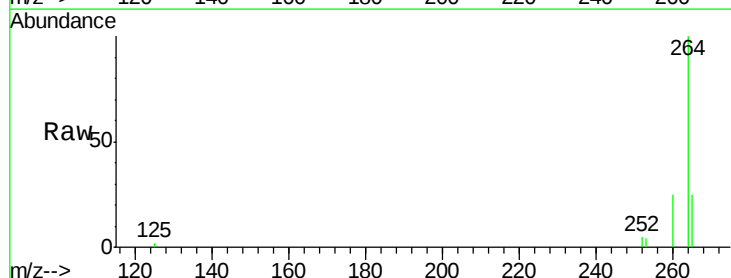
Tgt Ion:264 Resp: 8390

Ion Ratio Lower Upper

264 100

260 25.0 21.2 31.8

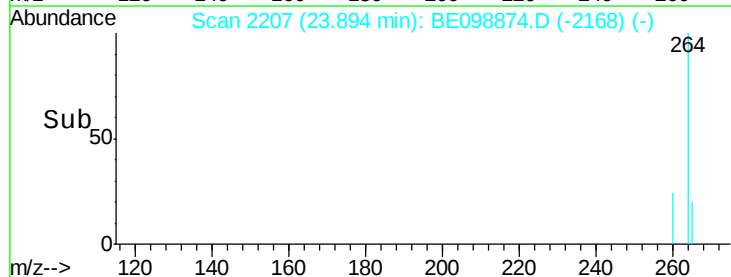
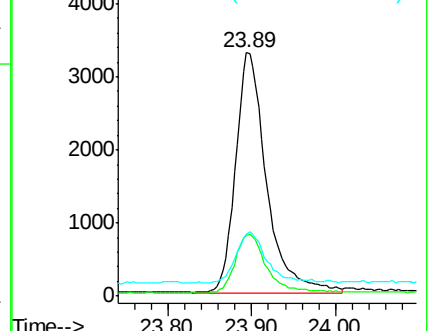
265 25.5 24.6 36.8

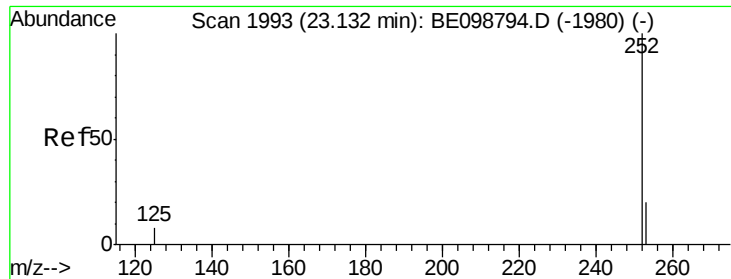


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

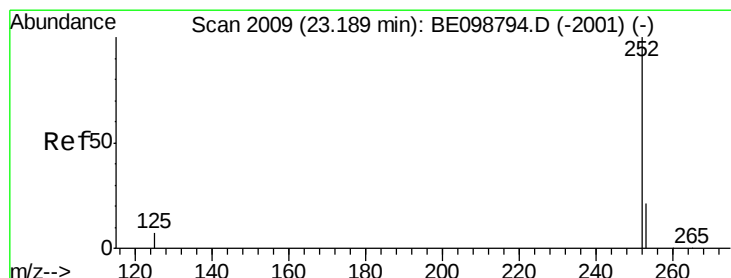
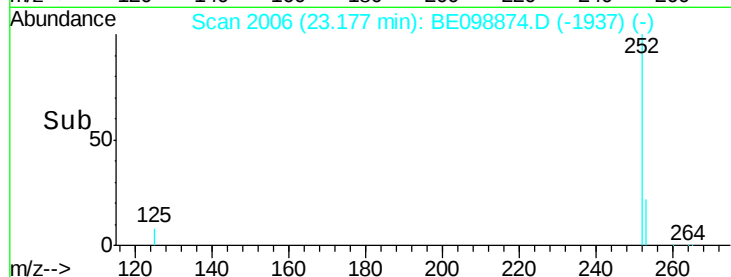
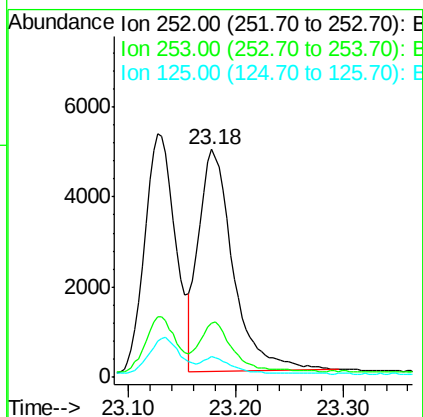
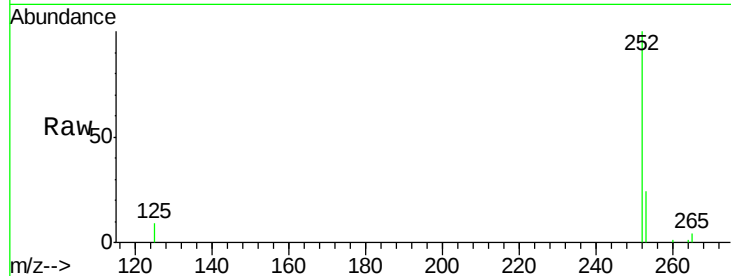




#35  
Benzo(b)fluoranthene  
Concen: 0.402 ng  
RT: 23.18 min Scan# 2006  
Delta R.T. 0.05 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

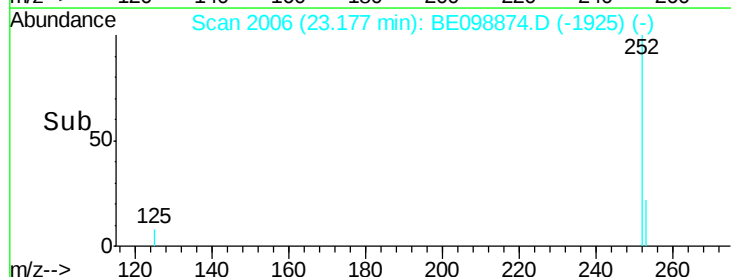
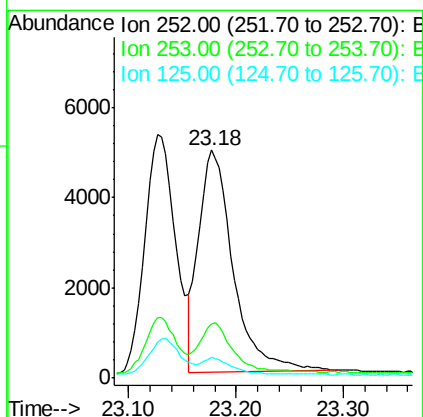
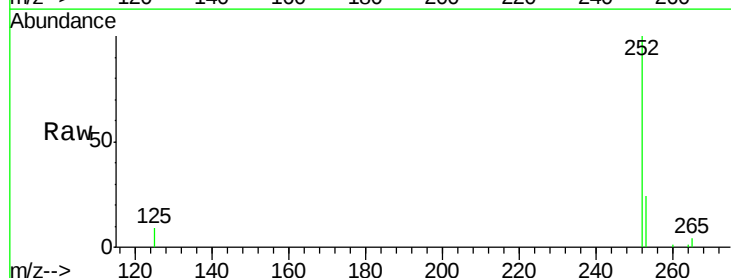
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

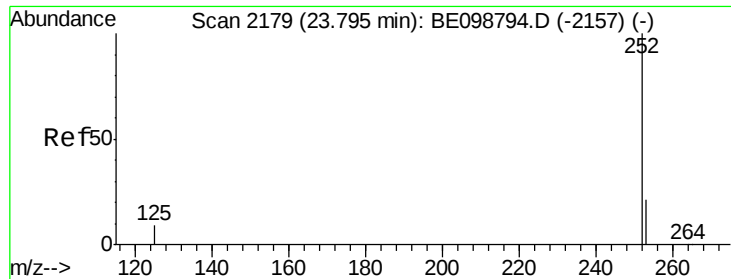
Tgt Ion:252 Resp: 11083  
Ion Ratio Lower Upper  
252 100  
253 24.0 18.2 27.2  
125 9.0 7.3 10.9



#36  
Benzo(k)fluoranthene  
Concen: 0.384 ng  
RT: 23.18 min Scan# 2006  
Delta R.T. -0.01 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

Tgt Ion:252 Resp: 11083  
Ion Ratio Lower Upper  
252 100  
253 24.0 19.3 28.9  
125 9.0 7.5 11.3

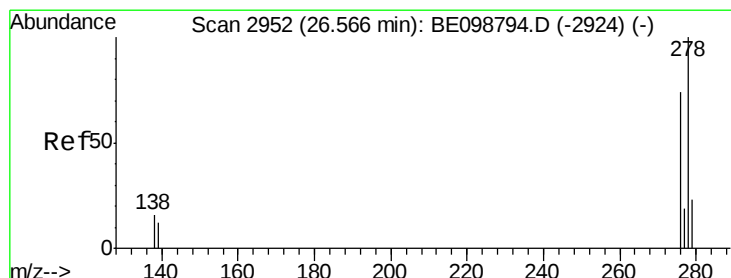
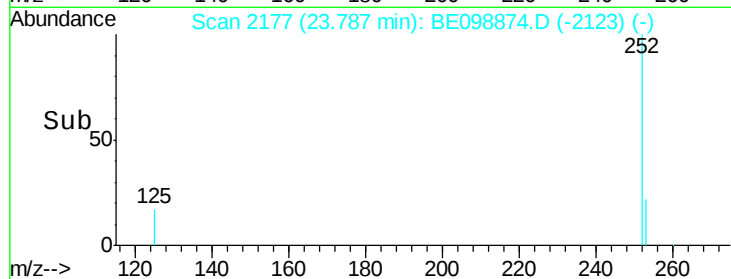
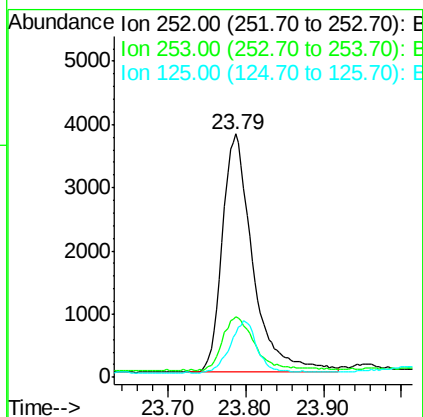
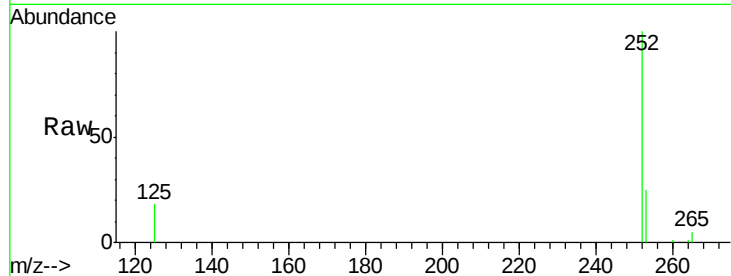




#37  
Benzo(a)pyrene  
Concen: 0.394 ng  
RT: 23.79 min Scan# 2177  
Delta R.T. -0.01 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

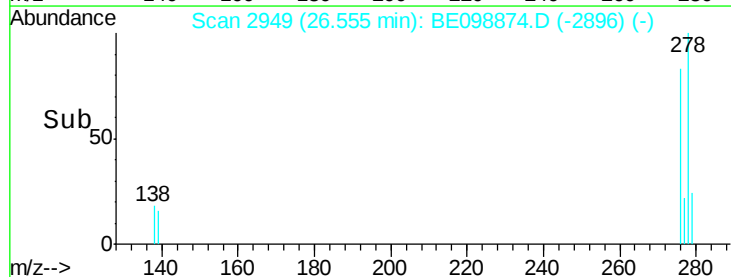
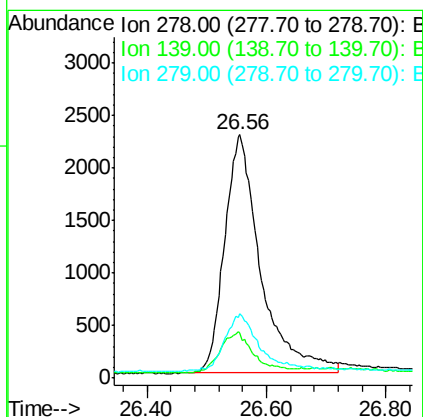
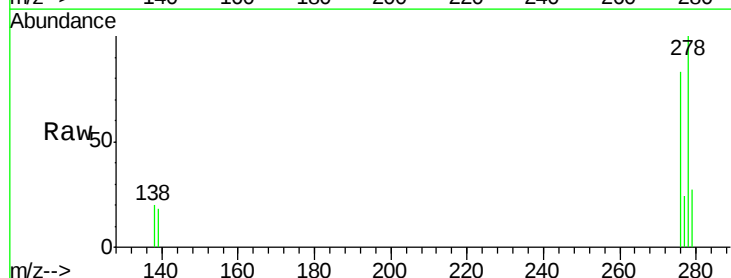
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

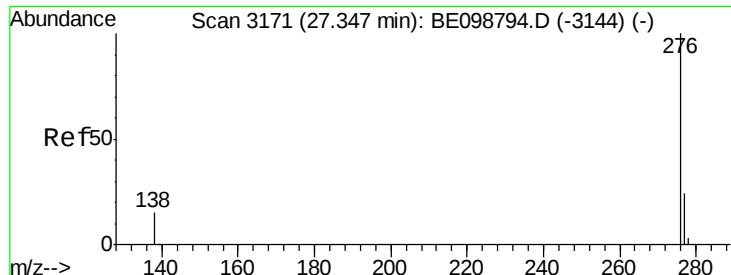
Tgt Ion:252 Resp: 10428  
Ion Ratio Lower Upper  
252 100  
253 24.9 19.9 29.9  
125 18.3 9.0 13.4#



#38  
Dibenzo(a,h)anthracene  
Concen: 0.383 ng  
RT: 26.56 min Scan# 2949  
Delta R.T. -0.01 min  
Lab File: BE098874.D  
Acq: 11 Mar 2019 23:51

Tgt Ion:278 Resp: 9592  
Ion Ratio Lower Upper  
278 100  
139 18.3 11.8 17.6#  
279 26.5 21.1 31.7





#39

Benzo(g,h,i)perylene

Concen: 0.383 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE098874.D

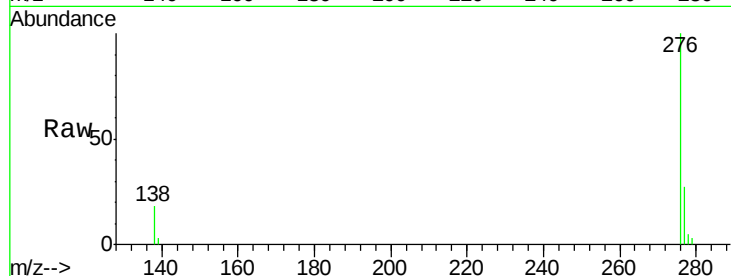
Acq: 11 Mar 2019 23:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4



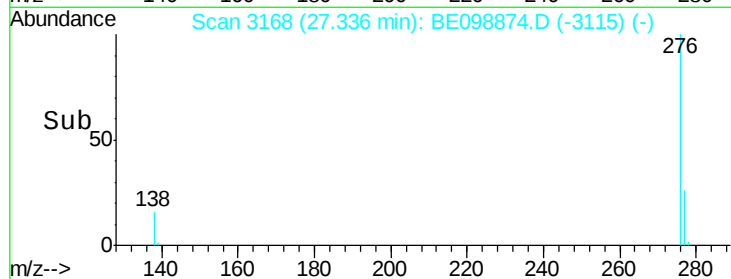
Tgt Ion: 276 Resp: 10022

Ion Ratio Lower Upper

276 100

277 27.3 20.4 30.6

138 18.2 13.6 20.4



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

