

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN100219\  
 Data File : BN007966.D  
 Acq On : 02 Oct 2019 15:30  
 Operator : JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Oct 03 06:46:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 18:24:40 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 4429     | 0.40 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.46 | 136  | 17954    | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 11802    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.06 | 188  | 26569    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.25 | 240  | 32426    | 0.40 | ng    | -0.02    |
| 34) Perylene-d12          | 23.47 | 264  | 35672    | 0.40 | ng    | -0.02    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.31  | 112 | 5894  | 0.39 | ng | 0.00  |
| 5) Phenol-d6                | 6.87  | 99  | 7803  | 0.41 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.82  | 82  | 7132  | 0.45 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152 | 13207 | 0.44 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330 | 2900  | 0.45 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 12.93 | 172 | 18726 | 0.39 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.09 | 212 | 39201 | 0.44 | ng | -0.01 |
| 29) Terphenyl-d14           | 19.70 | 244 | 34037 | 0.43 | ng | -0.01 |

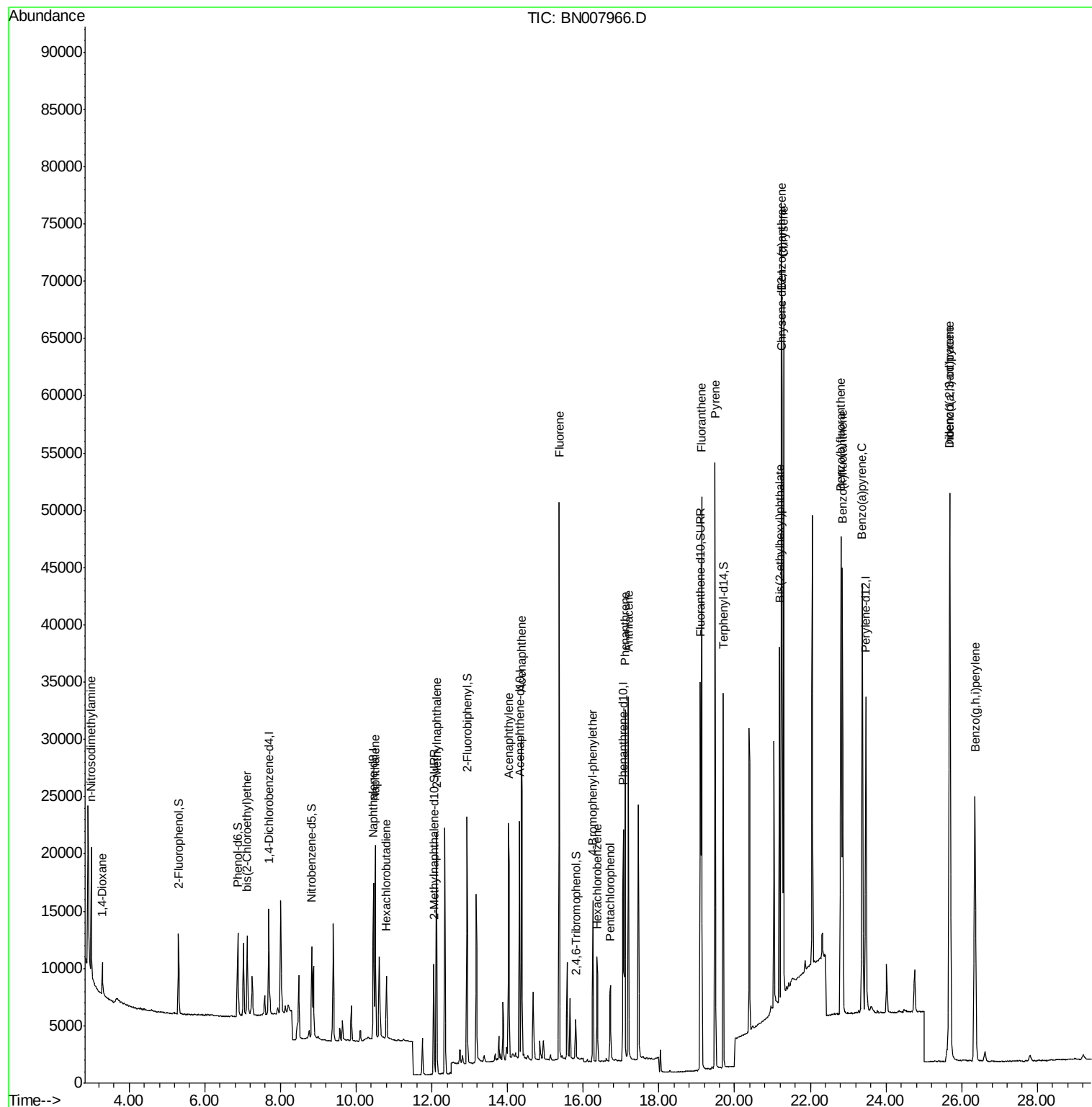
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.29  | 88  | 2312  | 0.468  | ng | 90    |
| 3) n-Nitrosodimethylamine      | 2.99  | 42  | 1448  | 0.640  | ng | 99    |
| 6) bis(2-Chloroethyl)ether     | 7.12  | 93  | 6476  | 0.516  | ng | 90    |
| 9) Naphthalene                 | 10.51 | 128 | 21249 | 0.422  | ng | 99    |
| 10) Hexachlorobutadiene        | 10.80 | 225 | 4686  | 0.442  | ng | # 100 |
| 12) 2-Methylnaphthalene        | 12.12 | 142 | 14994 | 0.440  | ng | 99    |
| 16) Acenaphthylene             | 14.02 | 152 | 24471 | 0.391  | ng | 100   |
| 17) Acenaphthene               | 14.37 | 154 | 15097 | 0.374  | ng | 97    |
| 18) Fluorene                   | 15.36 | 166 | 20060 | 0.388  | ng | 99    |
| 20) 4-Bromophenyl-phenylether  | 16.25 | 248 | 6773  | 0.420  | ng | # 84  |
| 21) Hexachlorobenzene          | 16.38 | 284 | 7572  | 0.430  | ng | 98    |
| 22) Pentachlorophenol          | 16.72 | 266 | 3842  | 0.591  | ng | 99    |
| 23) Phenanthrene               | 17.10 | 178 | 34349 | 0.415  | ng | 100   |
| 24) Anthracene                 | 17.19 | 178 | 32468 | 0.434  | ng | 100   |
| 26) Fluoranthene               | 19.12 | 202 | 44679 | 0.434  | ng | 100   |
| 28) Pyrene                     | 19.49 | 202 | 46404 | 0.420  | ng | 100   |
| 30) Benzo(a)anthracene         | 21.24 | 228 | 50168 | 0.420  | ng | 98    |
| 31) Chrysene                   | 21.29 | 228 | 49356 | 0.424  | ng | 98    |
| 32) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 26668 | 0.434  | ng | 99    |
| 33) Indeno(1,2,3-cd)pyrene     | 25.68 | 276 | 57522 | 0.395  | ng | 99    |
| 35) Benzo(b)fluoranthene       | 22.81 | 252 | 50283 | 0.406  | ng | # 96  |
| 36) Benzo(k)fluoranthene       | 22.85 | 252 | 50193 | 0.410  | ng | # 97  |
| 37) Benzo(a)pyrene             | 23.37 | 252 | 47961 | 0.412  | ng | # 89  |
| 38) Dibenzo(a,h)anthracene     | 25.69 | 278 | 46722 | 0.392  | ng | 98    |
| 39) Benzo(g,h,i)perylene       | 26.35 | 276 | 46757 | 0.397  | ng | 98    |

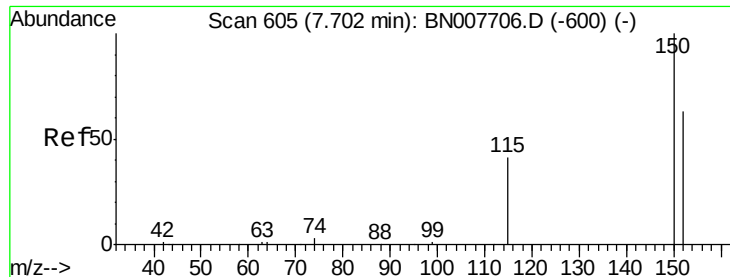
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
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BNA\_N  
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Quant Time: Oct 03 06:46:03 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091819.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 18 18:24:40 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 603

Delta R.T. -0.02 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

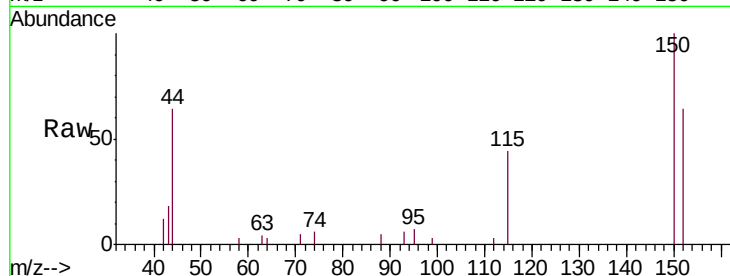
Tgt Ion: 152 Resp: 4429

Ion Ratio Lower Upper

152 100

150 155.5 125.6 188.4

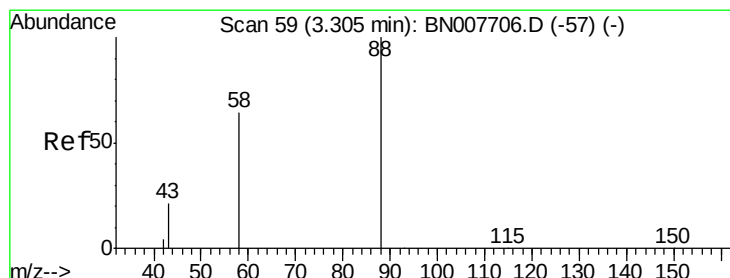
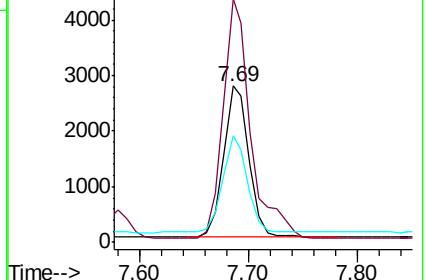
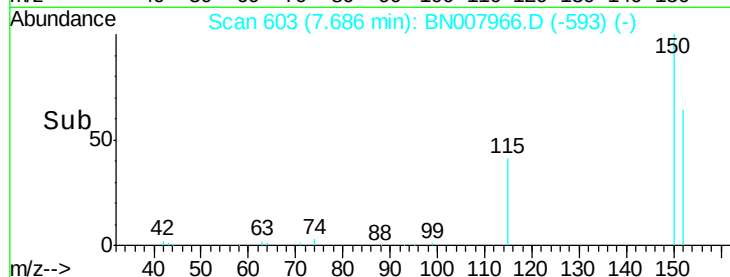
115 68.2 53.3 79.9



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: 0.468 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

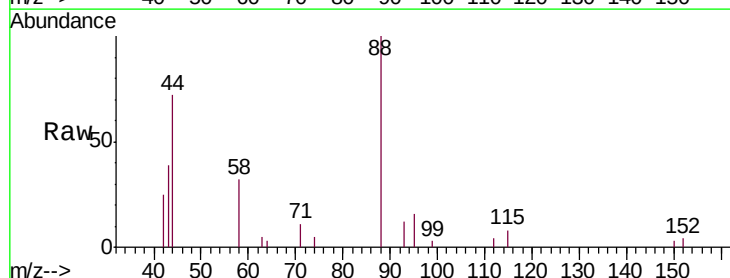
Tgt Ion: 88 Resp: 2312

Ion Ratio Lower Upper

88 100

58 63.7 44.6 66.8

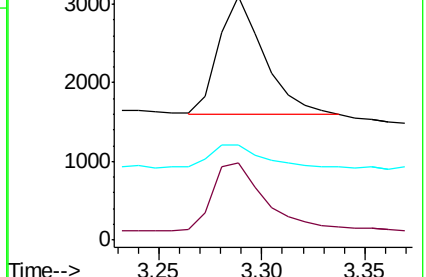
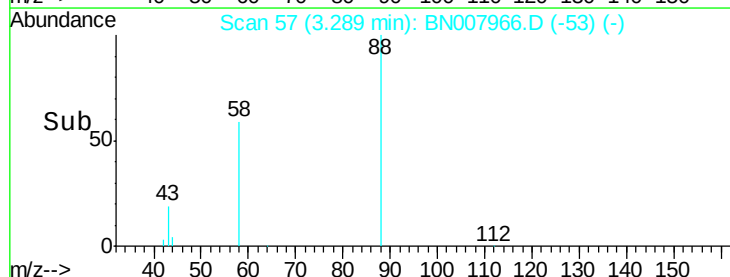
43 20.5 14.4 21.6

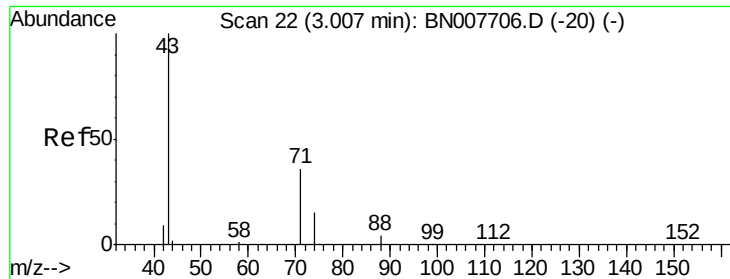


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.640 ng

RT: 2.99 min Scan# 20

Delta R.T. -0.02 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

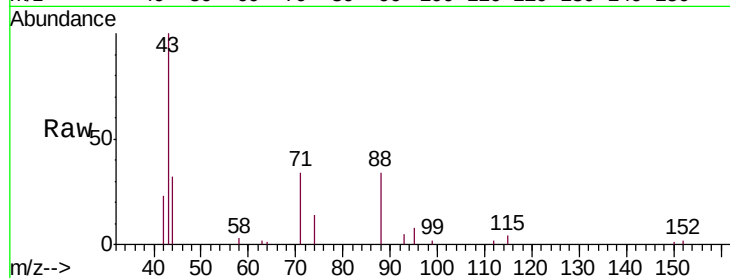
Tgt Ion: 42 Resp: 1448

Ion Ratio Lower Upper

42 100

74 109.5 87.9 131.9

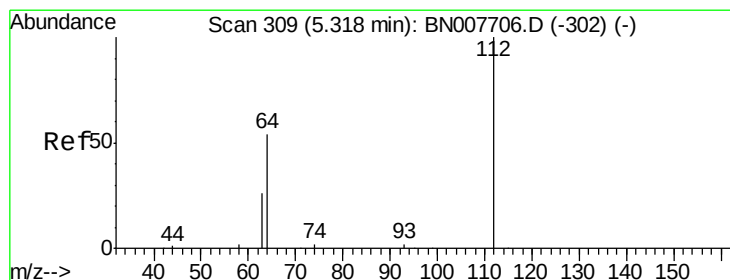
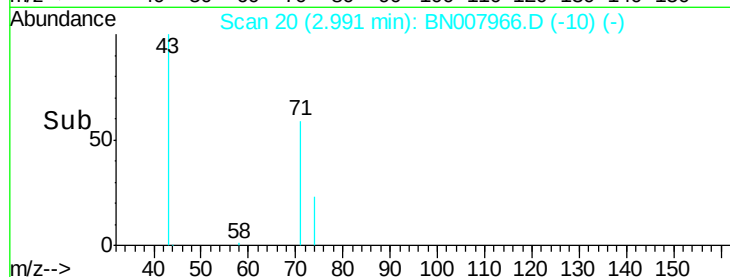
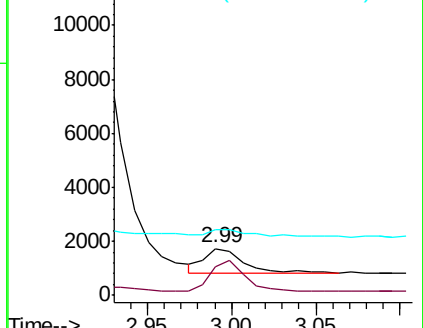
44 38.3 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007706.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007706.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.387 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

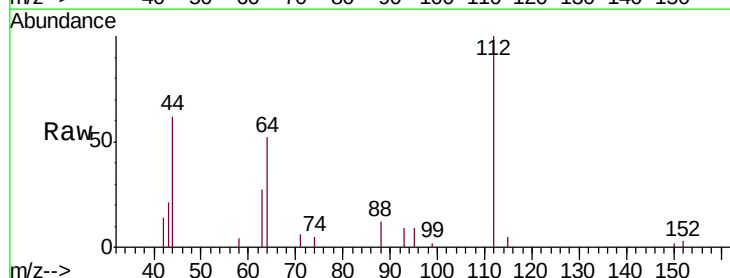
Tgt Ion: 112 Resp: 5894

Ion Ratio Lower Upper

112 100

64 58.9 46.6 70.0

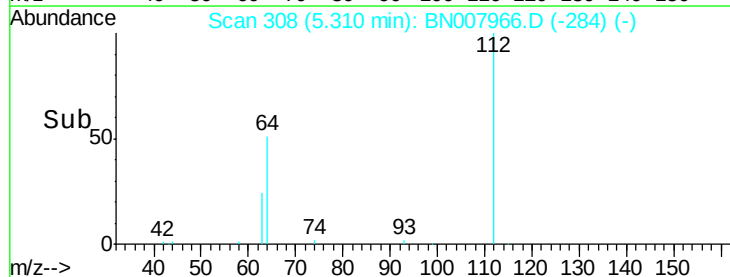
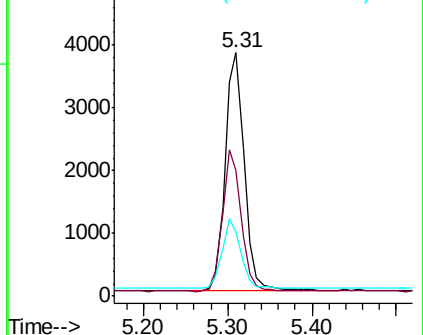
63 28.4 23.1 34.7

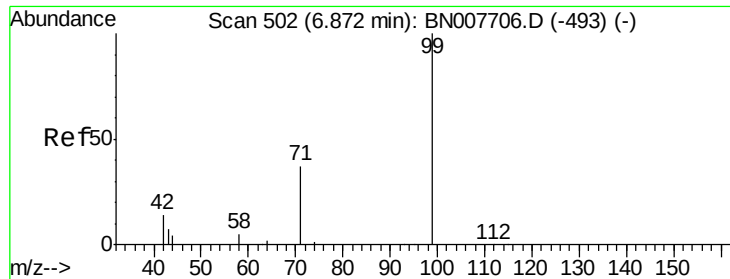


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007706.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-302) (-)





#5

Phenol-d6

Concen: 0.411 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

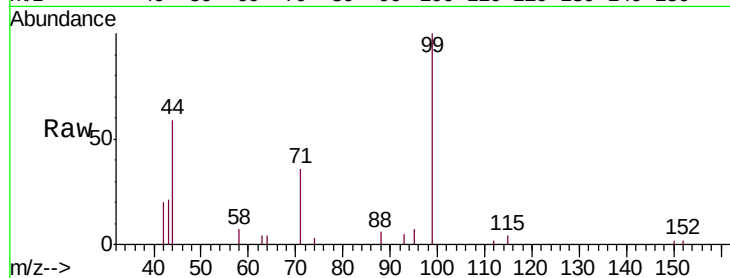
Tgt Ion: 99 Resp: 7803

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

71 34.6 27.6 41.4

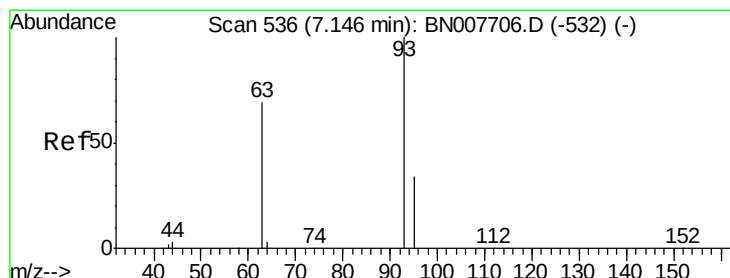
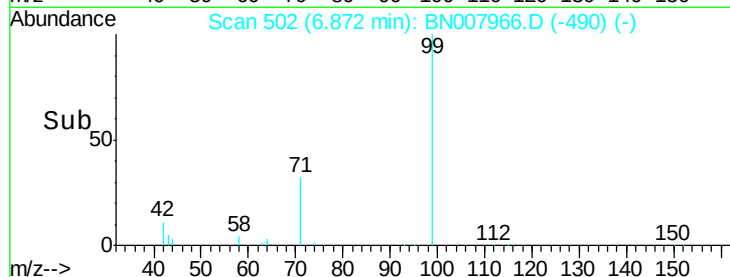


Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.516 ng

RT: 7.12 min Scan# 533

Delta R.T. -0.02 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

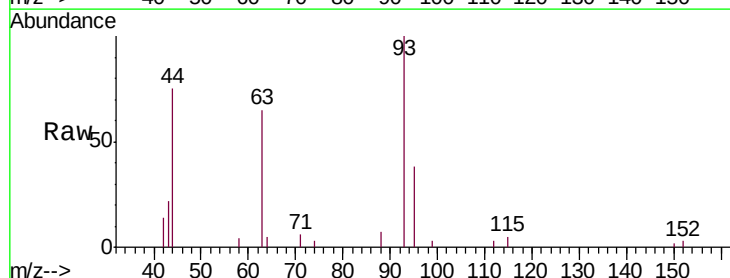
Tgt Ion: 93 Resp: 6476

Ion Ratio Lower Upper

93 100

63 66.4 59.3 88.9

95 31.4 31.4 47.0

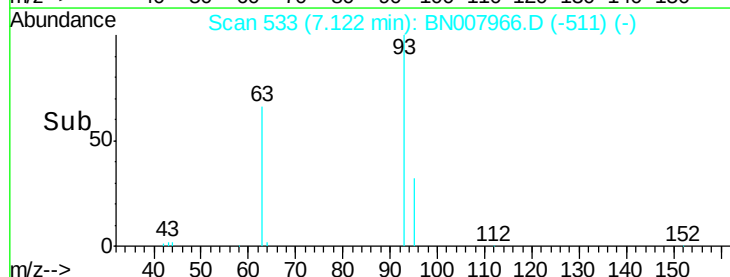


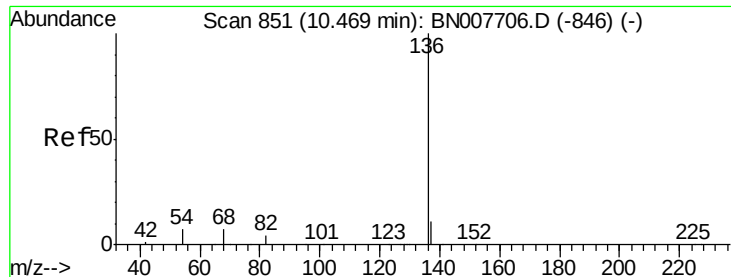
Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 17954

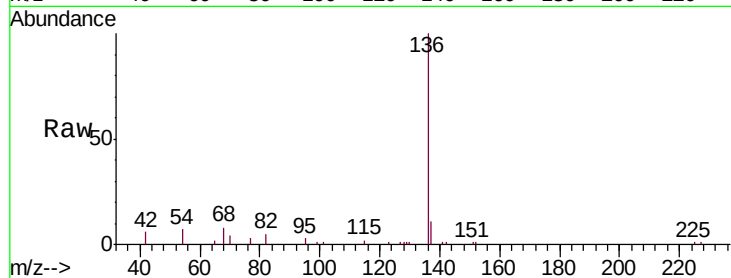
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.0 5.8 8.8

68 8.1 6.5 9.7

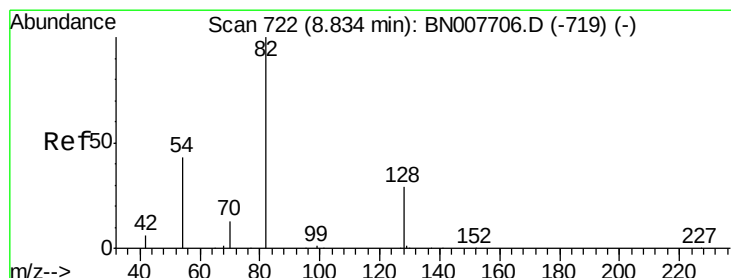
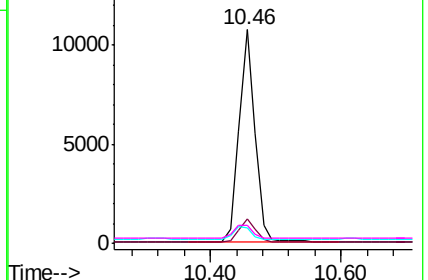
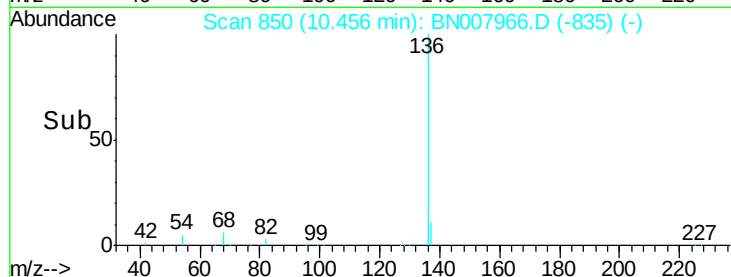


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.454 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

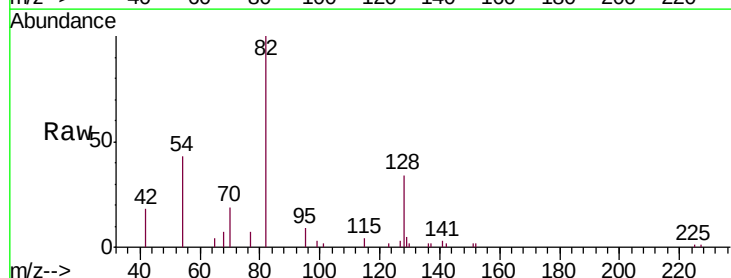
Tgt Ion: 82 Resp: 7132

Ion Ratio Lower Upper

82 100

128 33.7 24.5 36.7

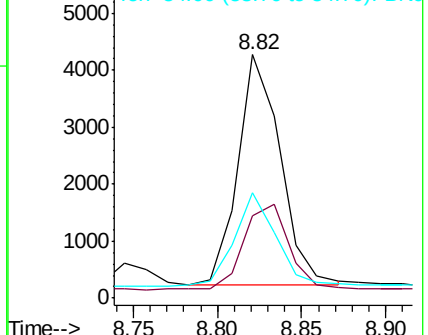
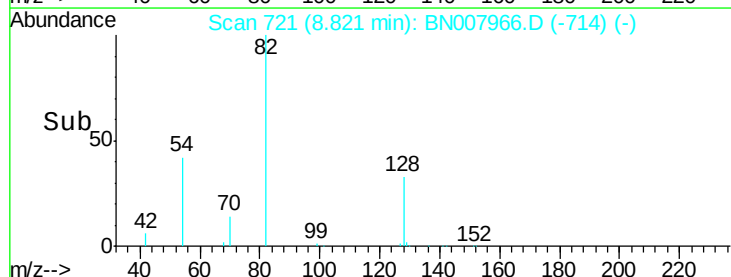
54 43.5 35.2 52.8

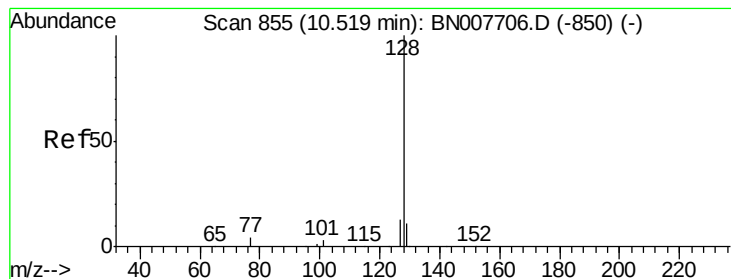


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.422 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

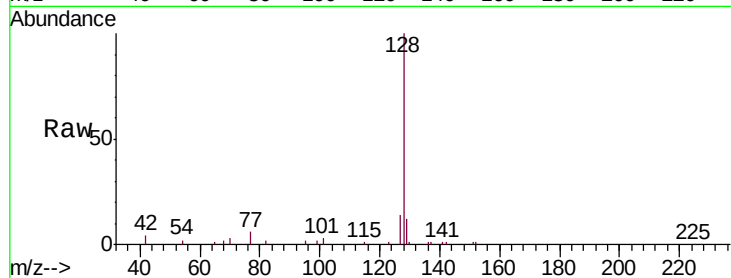
Tgt Ion:128 Resp: 21249

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

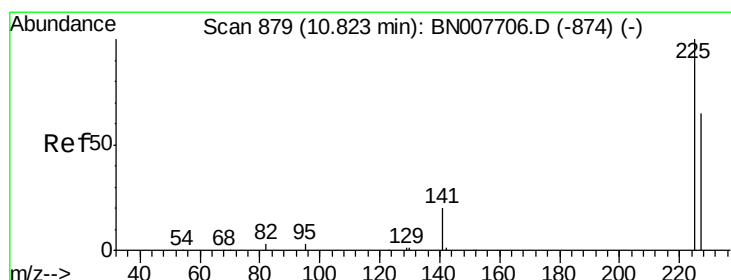
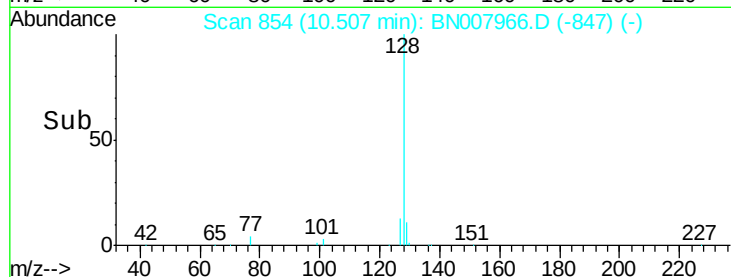
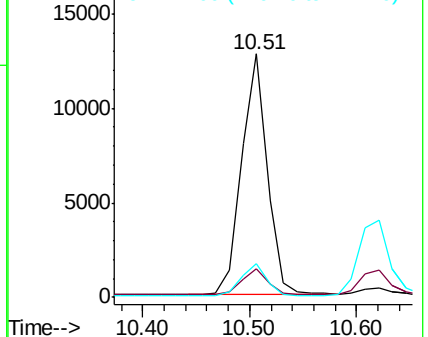
127 13.6 10.6 15.8



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: 0.442 ng

RT: 10.80 min Scan# 877

Delta R.T. -0.03 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

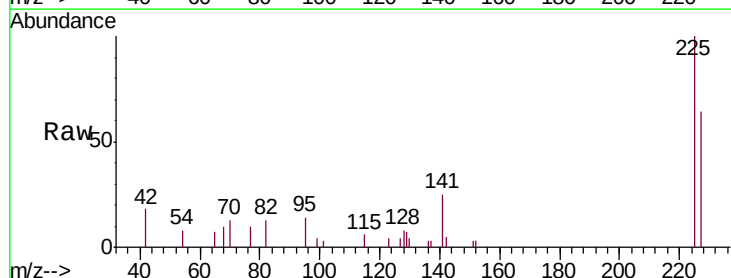
Tgt Ion:225 Resp: 4686

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

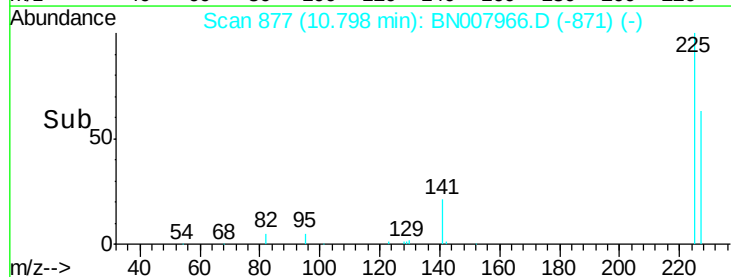
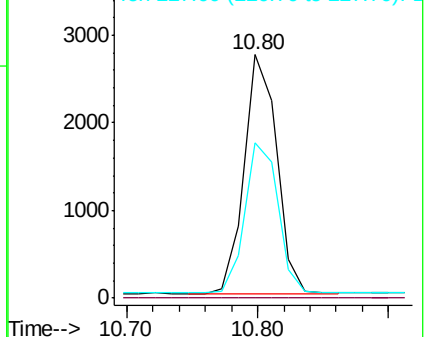
227 64.0 51.2 76.8

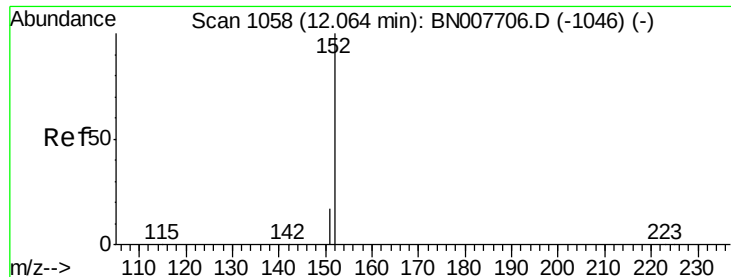


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

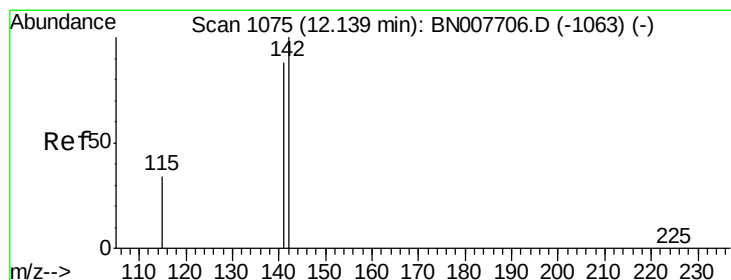
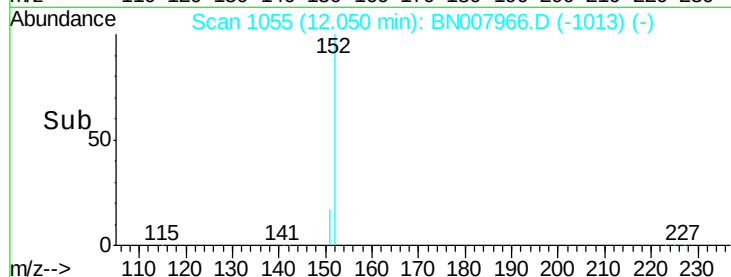
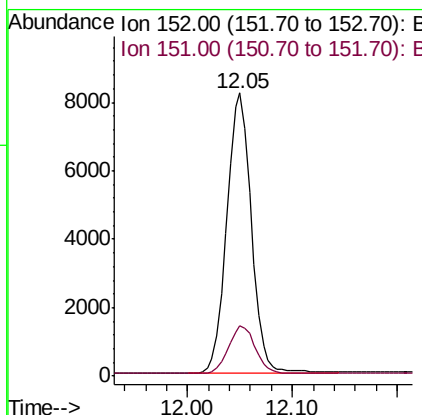
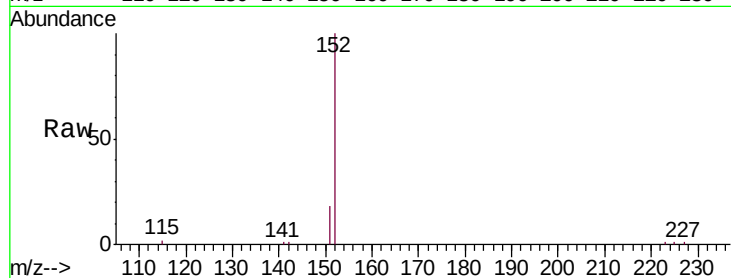




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.437 ng  
 RT: 12.05 min Scan# 1055  
 Delta R.T. -0.01 min  
 Lab File: BN007966.D  
 Acq: 02 Oct 2019 15:30

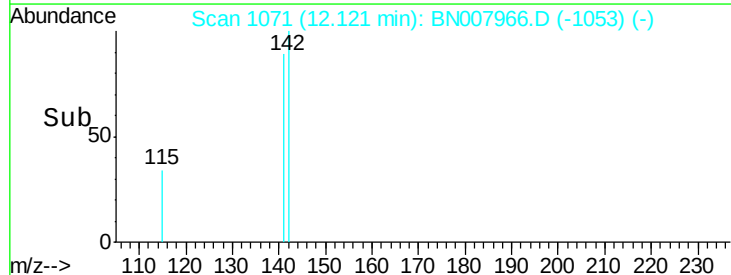
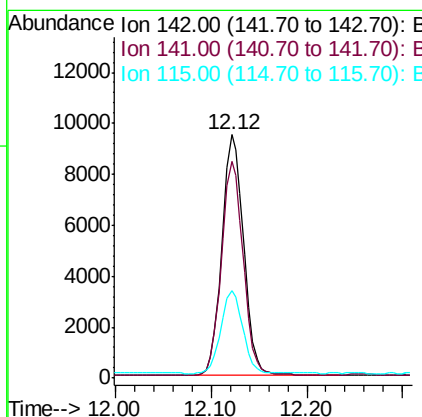
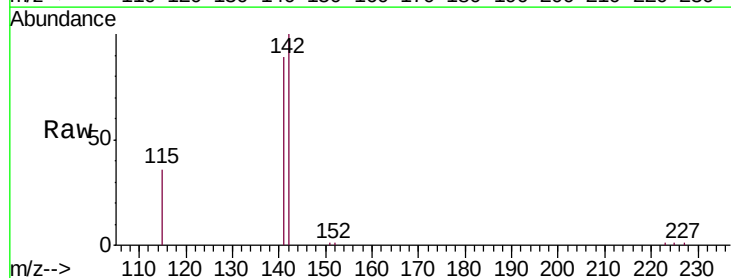
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:152 Resp: 13207  
 Ion Ratio Lower Upper  
 152 100  
 151 18.7 15.4 23.2

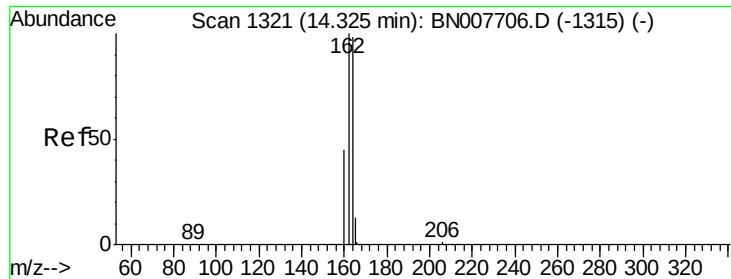


#12  
 2-Methylnaphthalene  
 Concen: 0.440 ng  
 RT: 12.12 min Scan# 1071  
 Delta R.T. -0.02 min  
 Lab File: BN007966.D  
 Acq: 02 Oct 2019 15:30

Tgt Ion:142 Resp: 14994  
 Ion Ratio Lower Upper  
 142 100  
 141 88.8 70.6 106.0  
 115 36.1 28.3 42.5







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

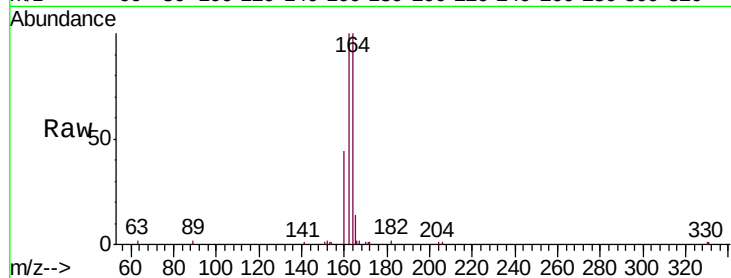
Tgt Ion:164 Resp: 11802

Ion Ratio Lower Upper

164 100

162 100.4 81.7 122.5

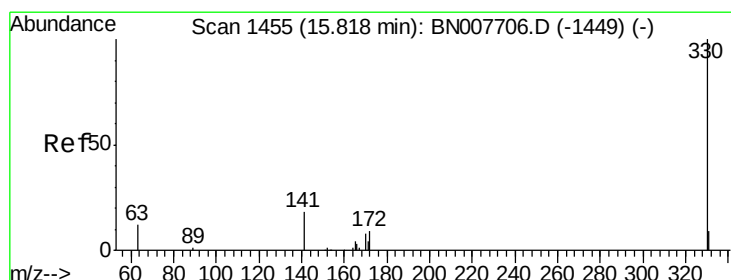
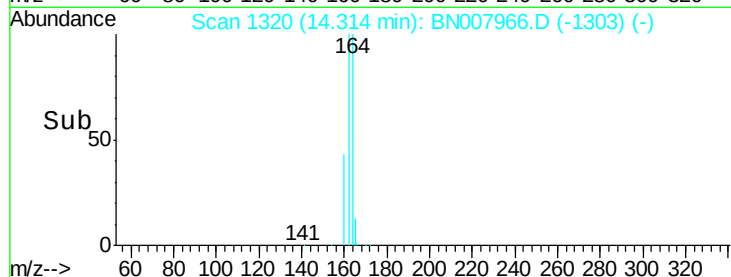
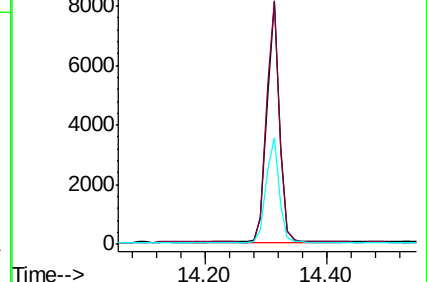
160 43.9 37.0 55.4



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: 0.451 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

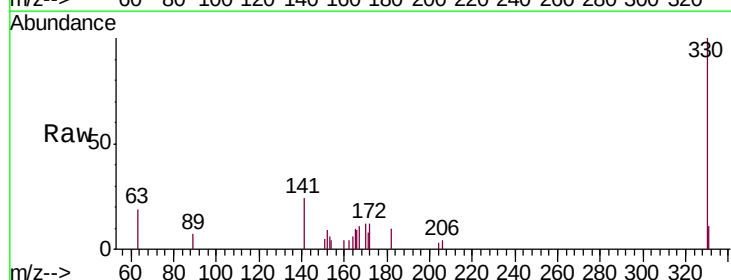
Tgt Ion:330 Resp: 2900

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

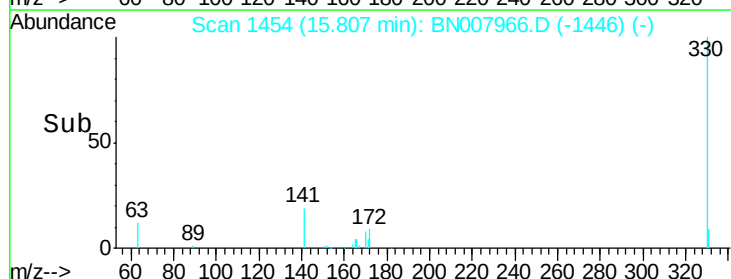
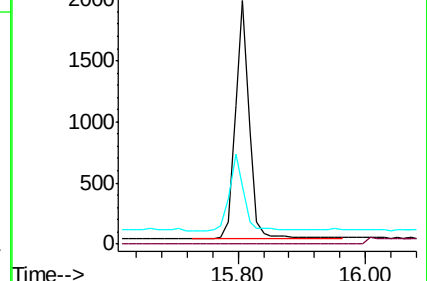
141 33.4 28.7 43.1

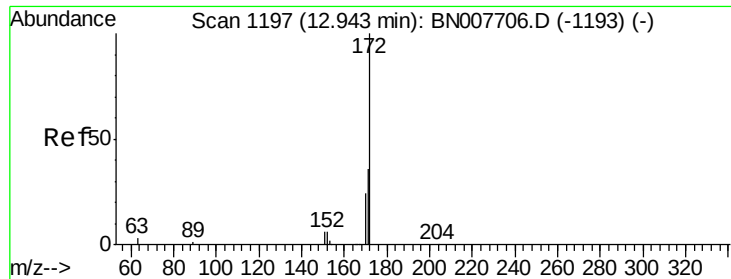


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

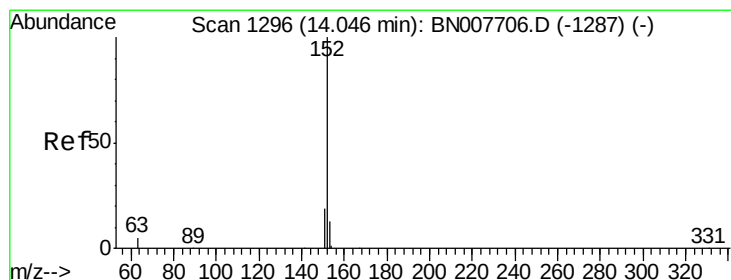
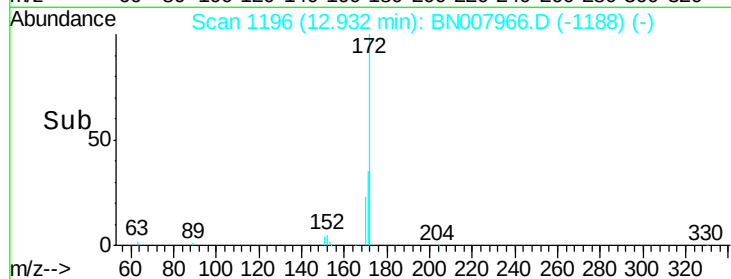
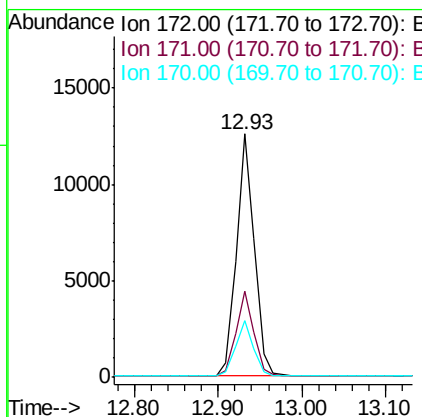
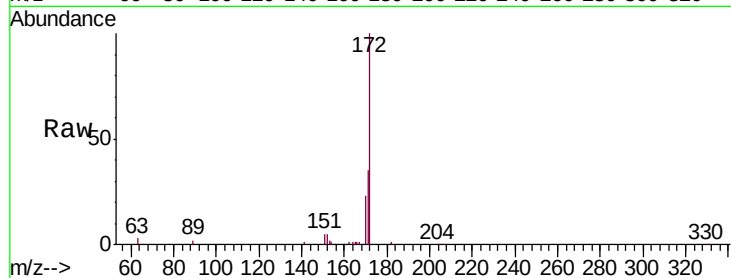




#15  
2-Fluorobiphenyl  
Concen: 0.385 ng  
RT: 12.93 min Scan# 1196  
Delta R.T. -0.01 min  
Lab File: BN007966.D  
Acq: 02 Oct 2019 15:30

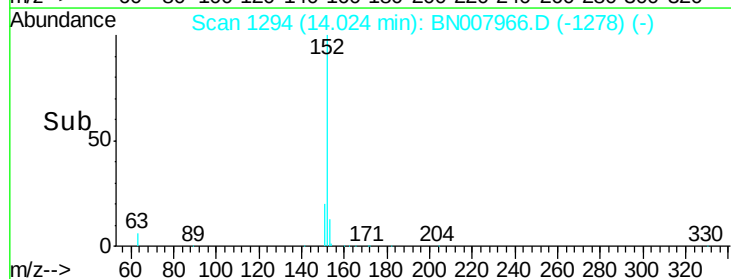
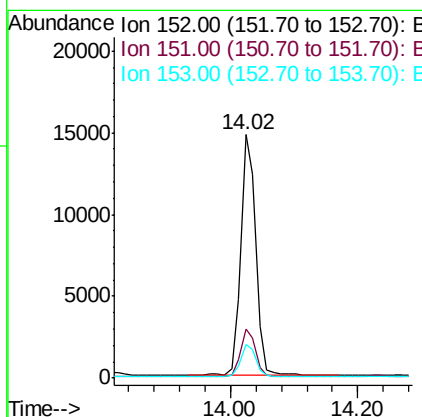
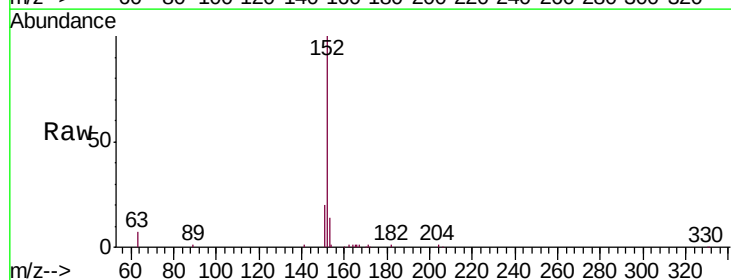
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

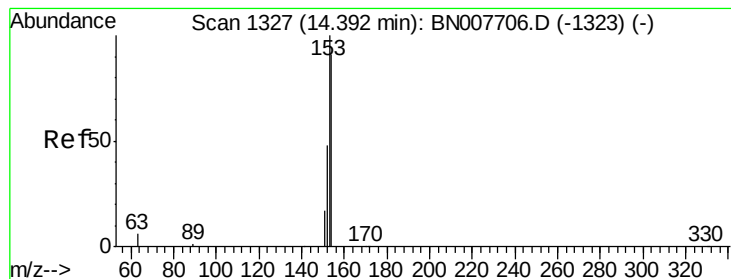
Tgt Ion:172 Resp: 18726  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.8 43.2  
170 23.2 19.5 29.3



#16  
Acenaphthylene  
Concen: 0.391 ng  
RT: 14.02 min Scan# 1294  
Delta R.T. -0.02 min  
Lab File: BN007966.D  
Acq: 02 Oct 2019 15:30

Tgt Ion:152 Resp: 24471  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.5 23.3  
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.374 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

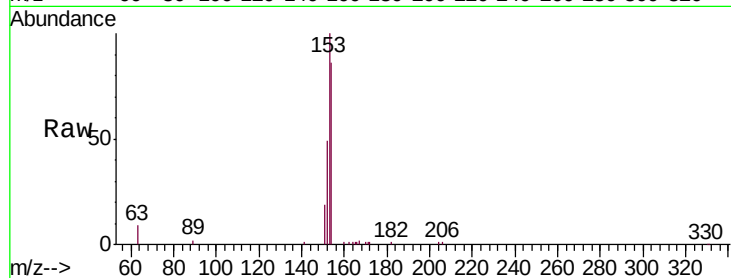
Tgt Ion:154 Resp: 15097

Ion Ratio Lower Upper

154 100

153 113.4 87.0 130.4

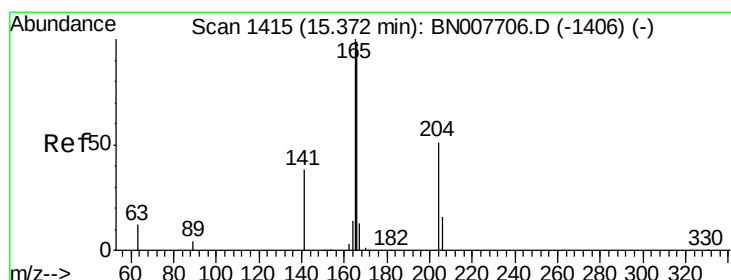
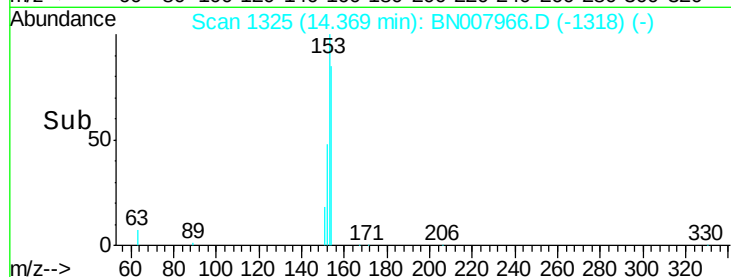
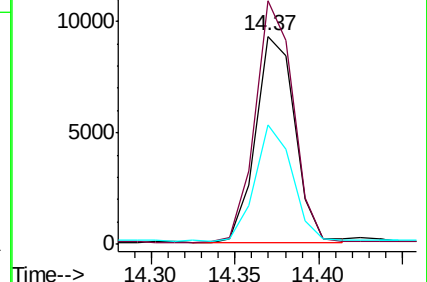
152 53.3 42.7 64.1



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: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

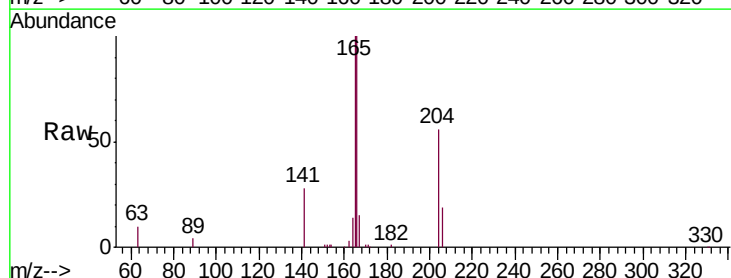
Tgt Ion:166 Resp: 20060

Ion Ratio Lower Upper

166 100

165 98.5 78.0 117.0

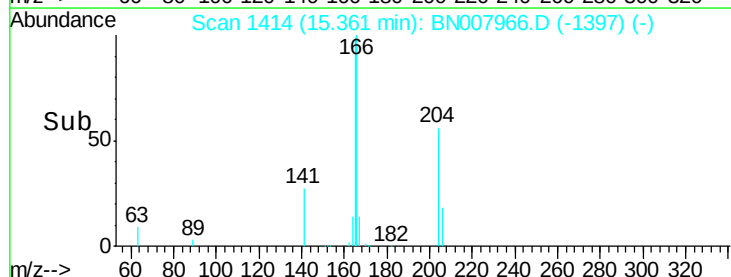
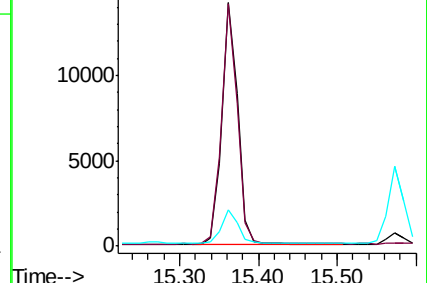
167 13.8 10.9 16.3

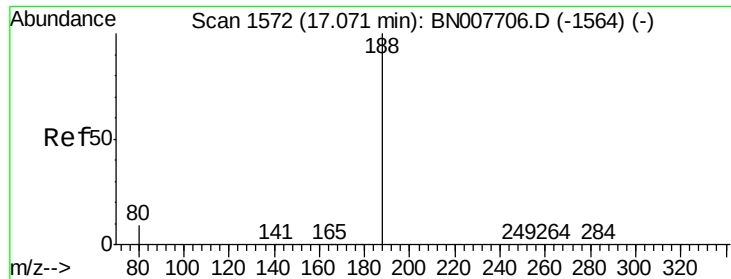


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

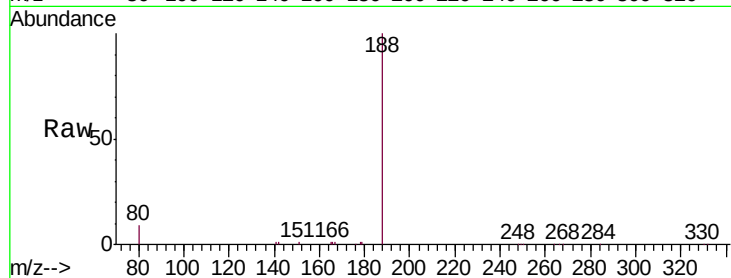
Tgt Ion:188 Resp: 26569

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

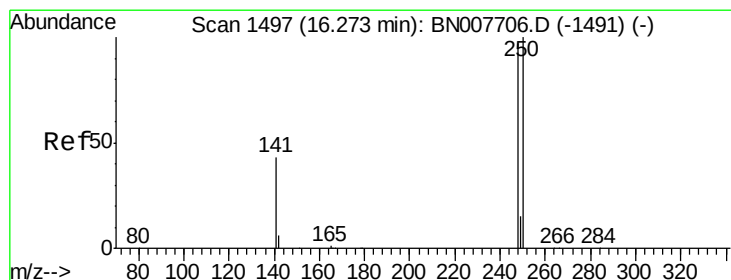
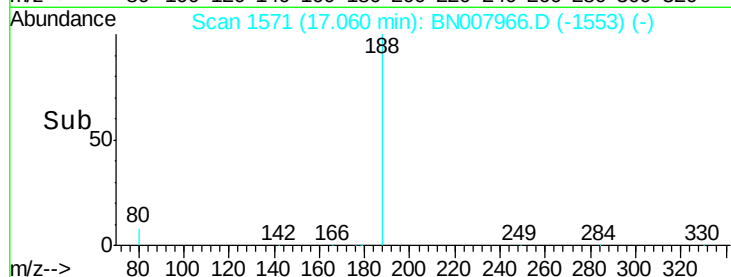
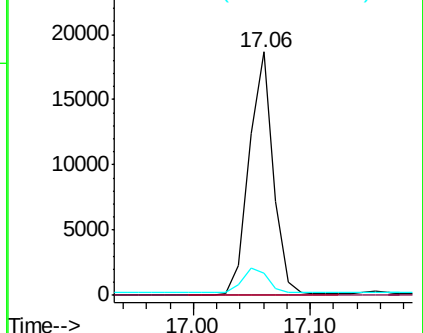
80 8.9 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.420 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

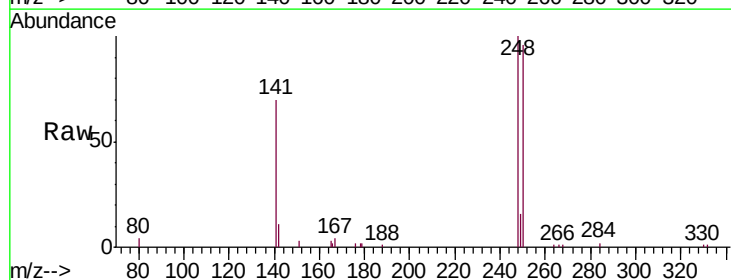
Tgt Ion:248 Resp: 6773

Ion Ratio Lower Upper

248 100

250 95.6 82.2 123.4

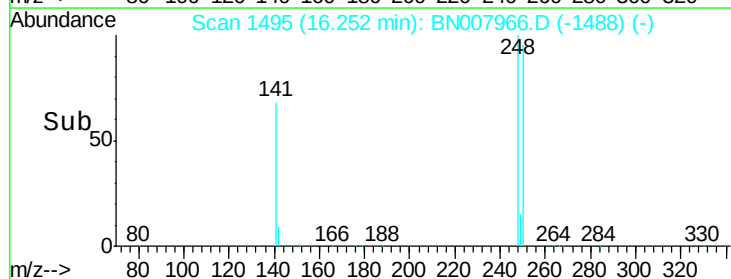
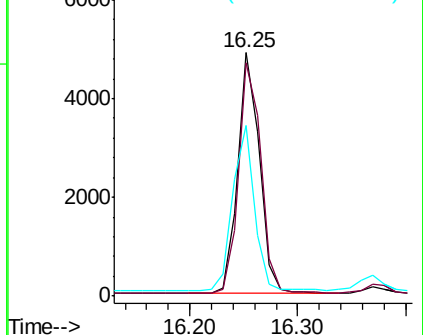
141 69.9 36.3 54.5#

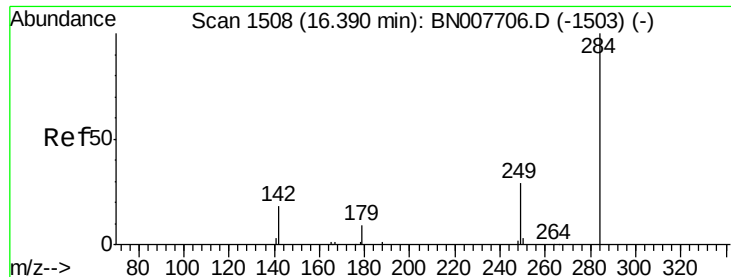


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

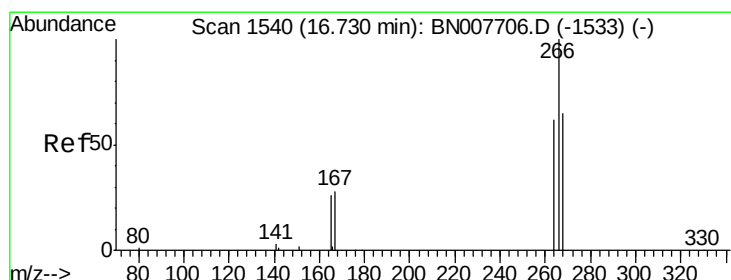
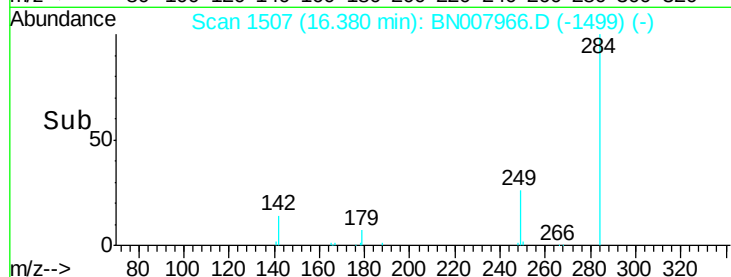
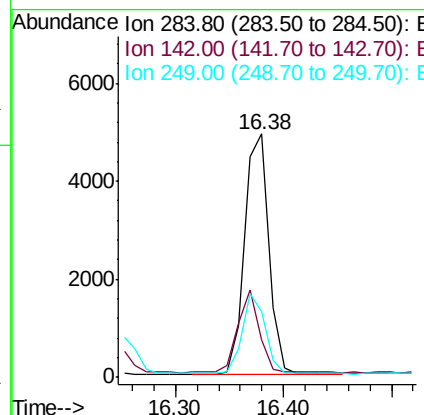
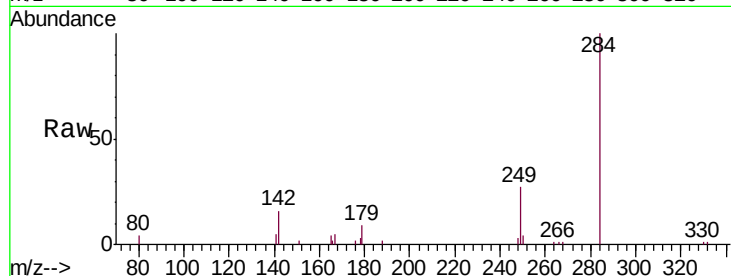




#21  
Hexachlorobenzene  
Concen: 0.430 ng  
RT: 16.38 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: BN007966.D  
Acq: 02 Oct 2019 15:30

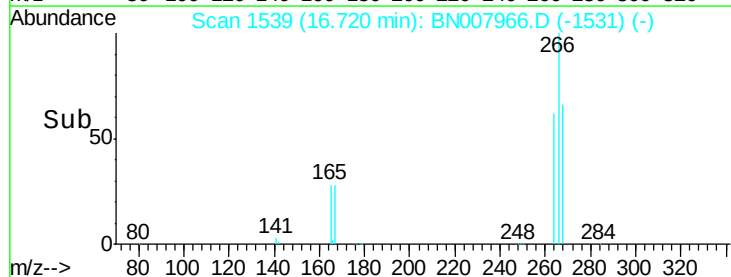
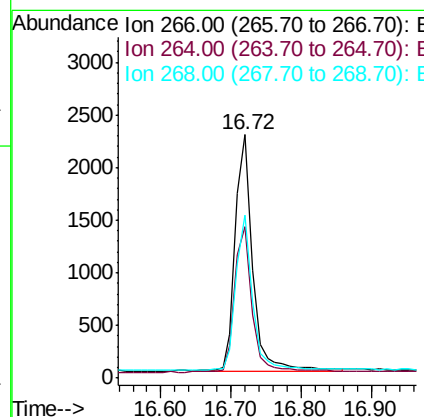
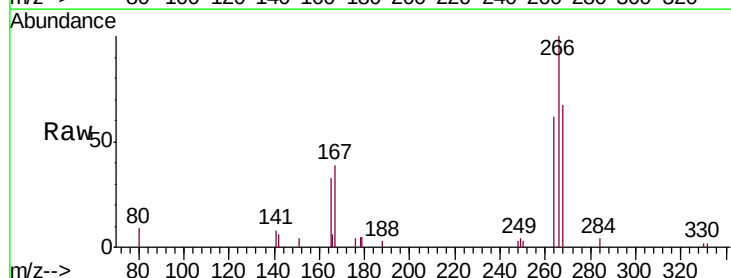
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

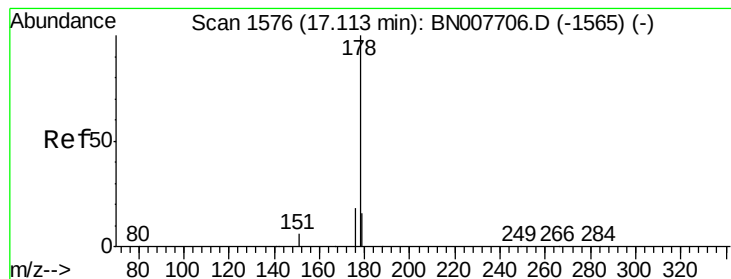
Tgt Ion:284 Resp: 7572  
Ion Ratio Lower Upper  
284 100  
142 30.6 25.8 38.6  
249 31.8 25.9 38.9



#22  
Pentachlorophenol  
Concen: 0.591 ng  
RT: 16.72 min Scan# 1539  
Delta R.T. -0.01 min  
Lab File: BN007966.D  
Acq: 02 Oct 2019 15:30

Tgt Ion:266 Resp: 3842  
Ion Ratio Lower Upper  
266 100  
264 62.2 50.0 75.0  
268 67.1 54.2 81.4





#23

Phenanthrene

Concen: 0.415 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

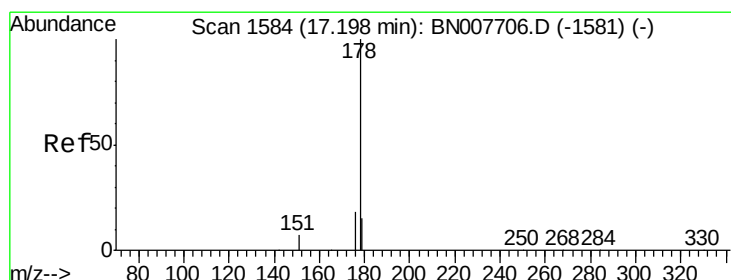
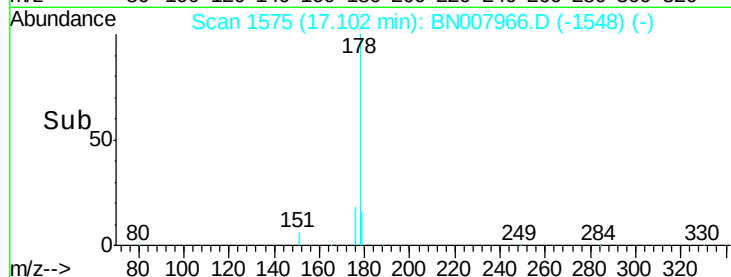
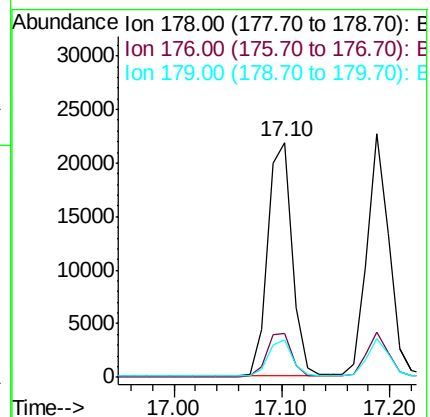
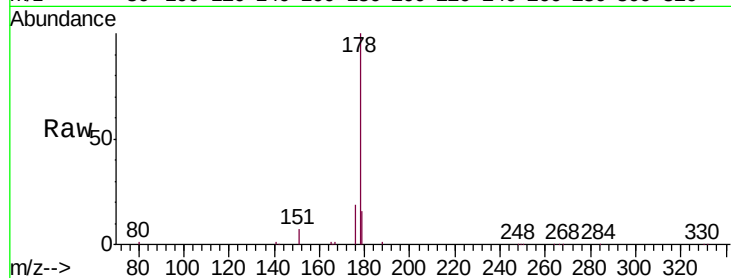
Tgt Ion:178 Resp: 34349

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.4 12.5 18.7



#24

Anthracene

Concen: 0.434 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

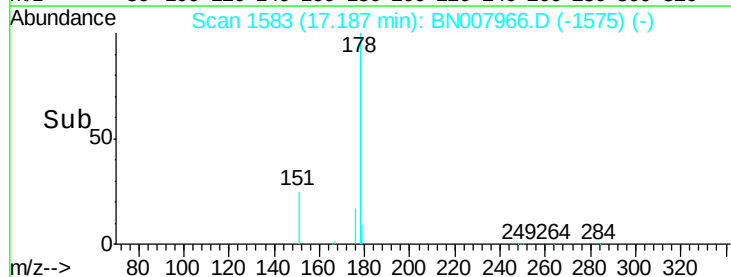
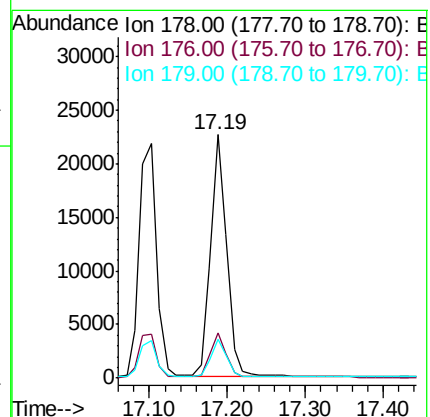
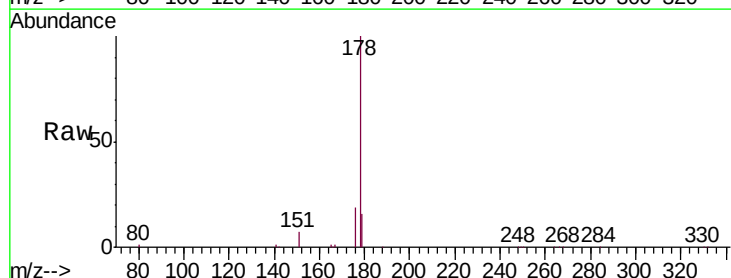
Tgt Ion:178 Resp: 32468

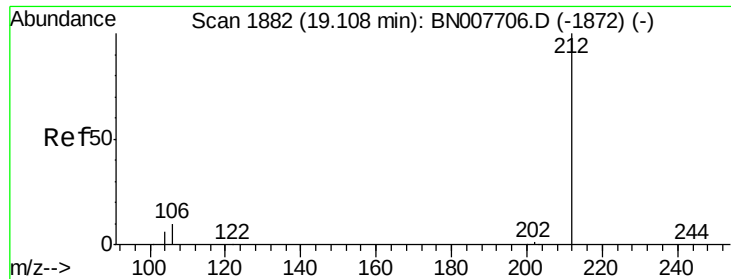
Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

179 15.3 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.438 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

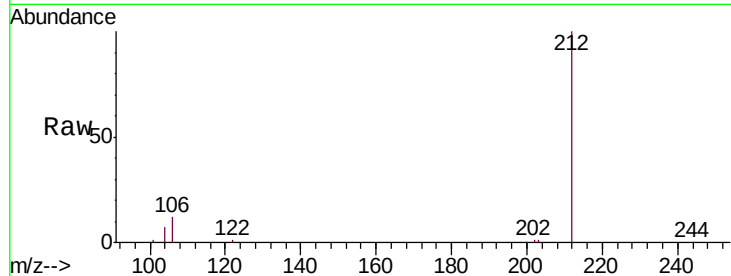
Tgt Ion:212 Resp: 39201

Ion Ratio Lower Upper

212 100

106 11.3 9.4 14.0

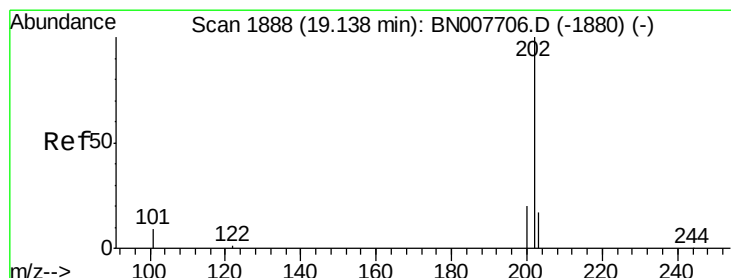
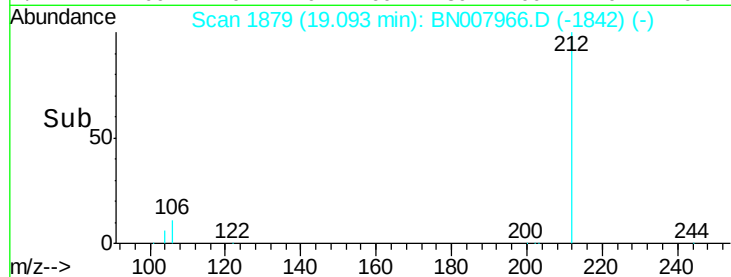
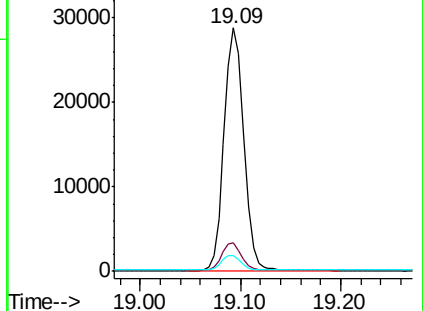
104 6.5 5.3 7.9



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: 0.434 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

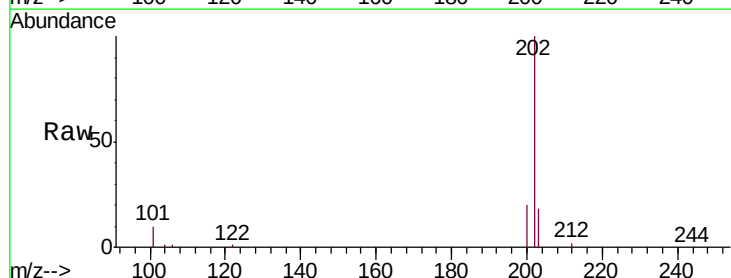
Tgt Ion:202 Resp: 44679

Ion Ratio Lower Upper

202 100

101 10.1 8.4 12.6

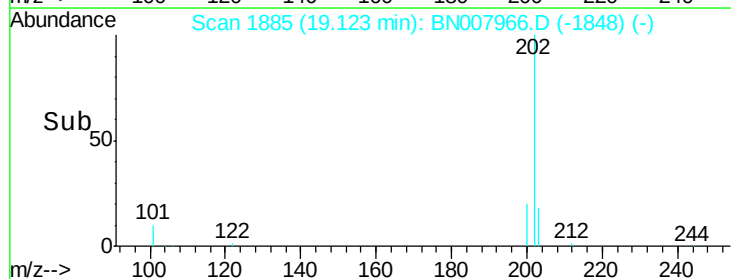
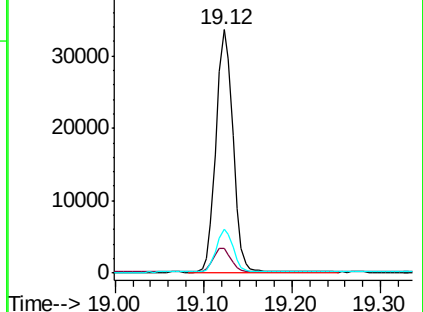
203 17.3 13.8 20.8

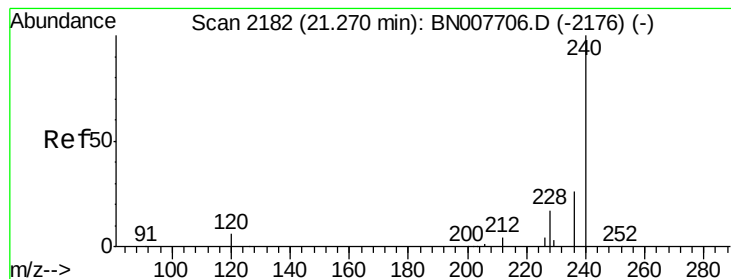


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

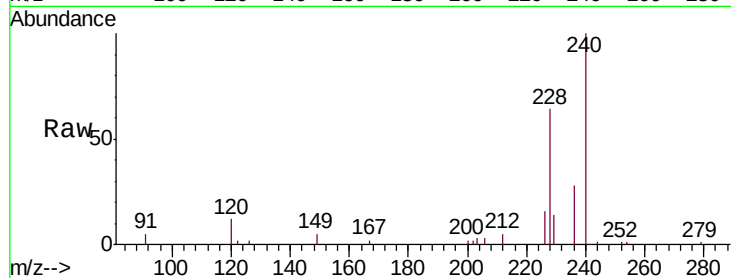
Tgt Ion:240 Resp: 32426

Ion Ratio Lower Upper

240 100

120 12.4 5.4 8.2#

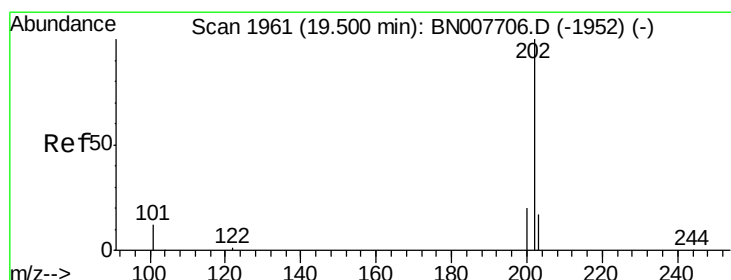
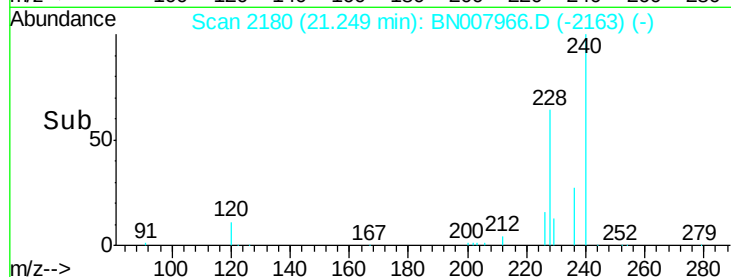
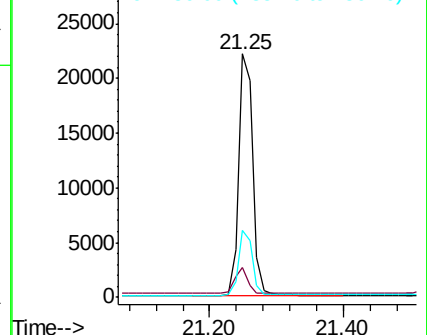
236 27.6 21.0 31.4



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: 0.420 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

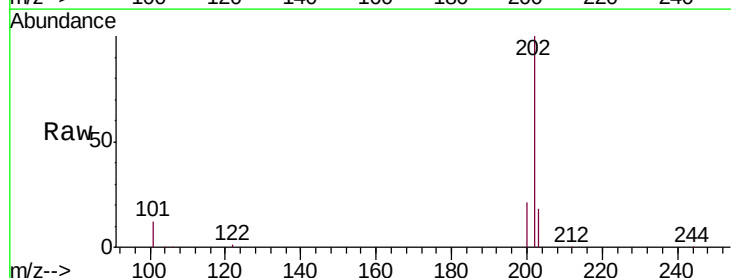
Tgt Ion:202 Resp: 46404

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

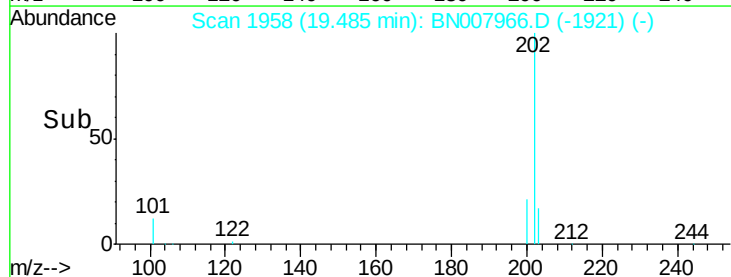
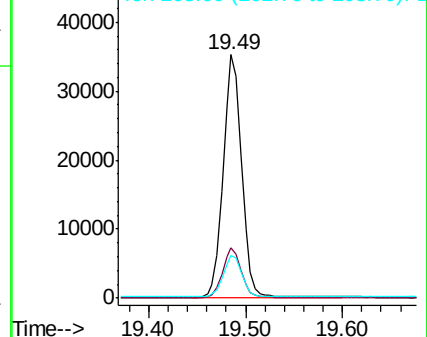
203 17.8 14.1 21.1



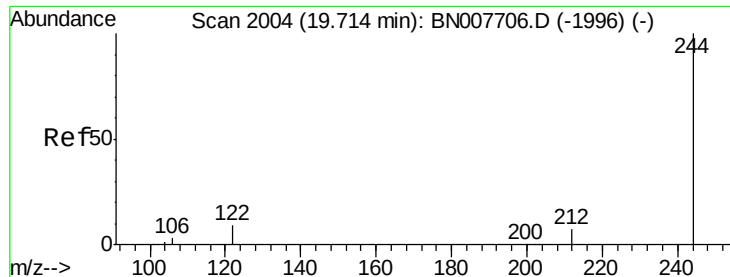
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E







#29

Terphenyl-d14

Concen: 0.427 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

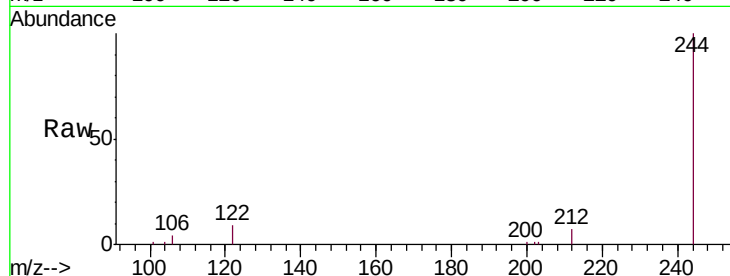
Tgt Ion:244 Resp: 34037

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

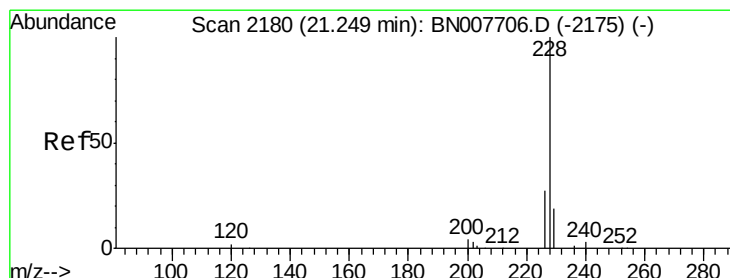
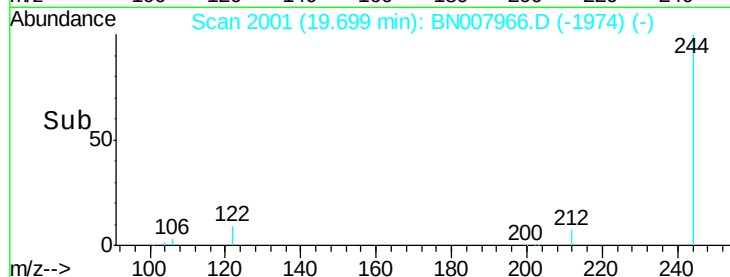
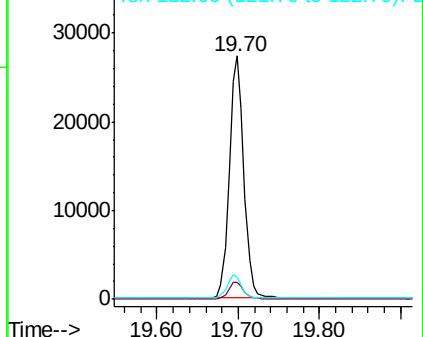
122 9.2 7.4 11.2



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: 0.420 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

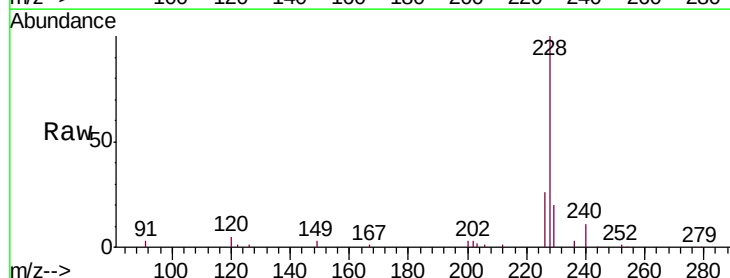
Tgt Ion:228 Resp: 50168

Ion Ratio Lower Upper

228 100

226 26.3 22.1 33.1

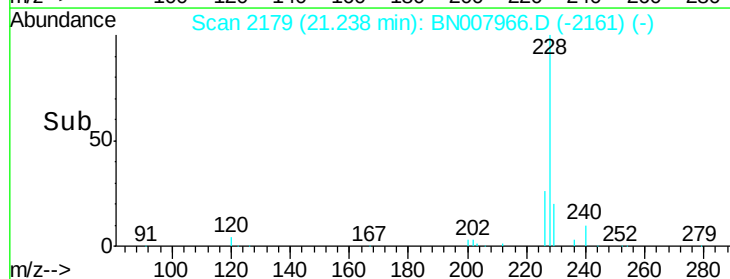
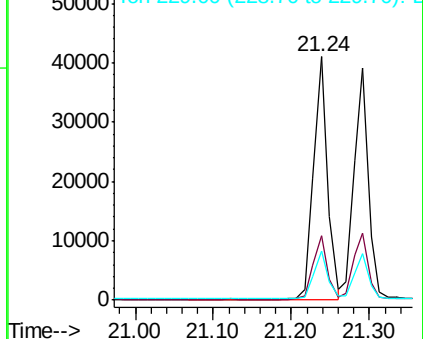
229 20.1 15.8 23.6

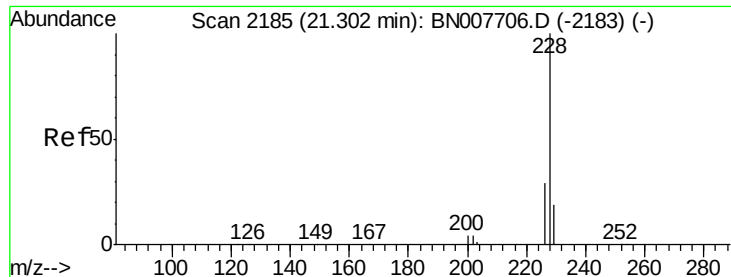


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.424 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

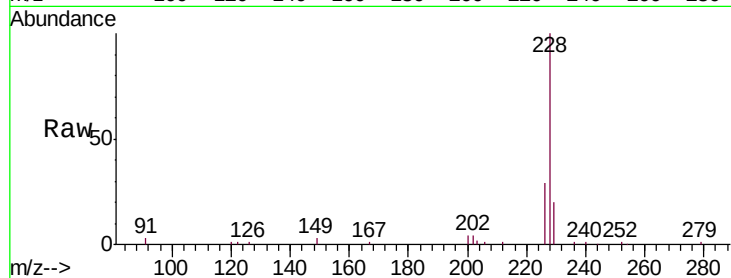
Tgt Ion:228 Resp: 49356

Ion Ratio Lower Upper

228 100

226 28.9 23.9 35.9

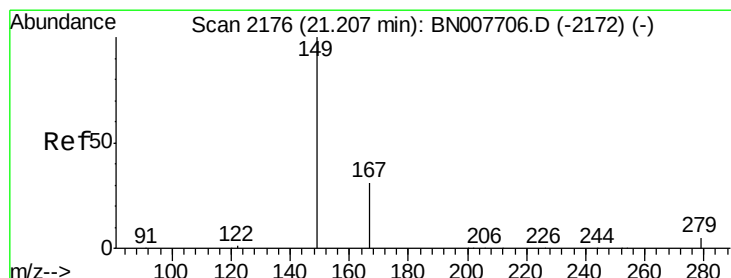
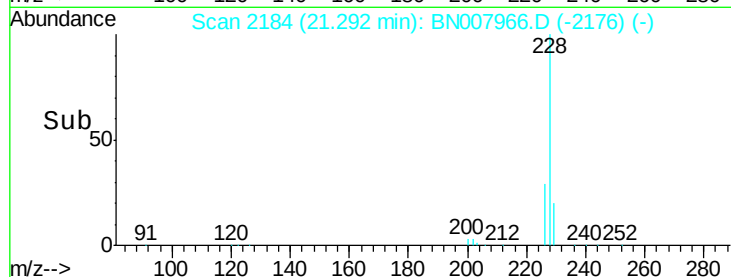
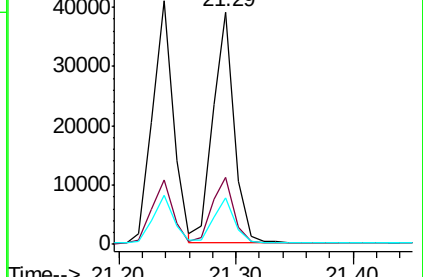
229 20.2 15.8 23.6



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: 0.434 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

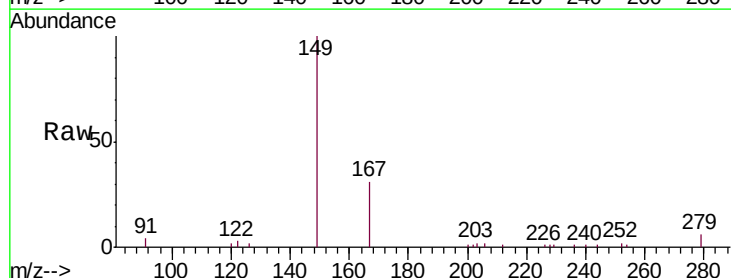
Tgt Ion:149 Resp: 26668

Ion Ratio Lower Upper

149 100

167 30.2 23.7 35.5

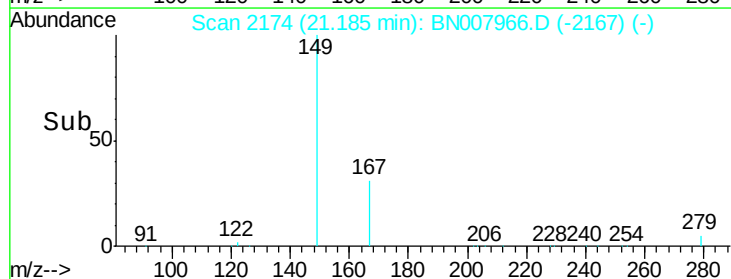
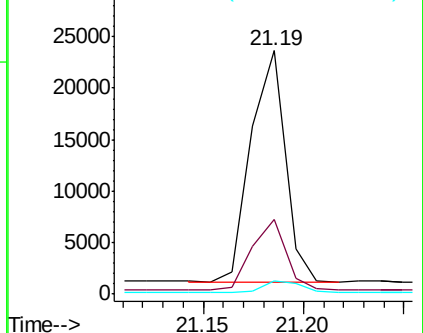
279 5.5 4.2 6.2

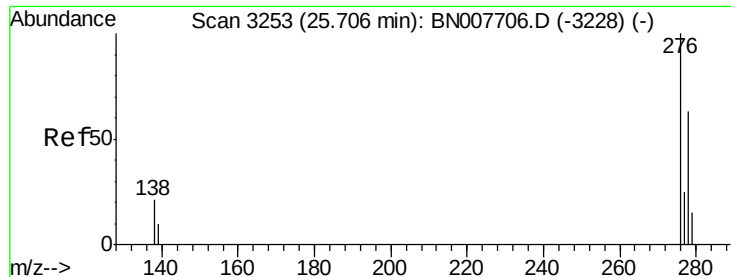


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

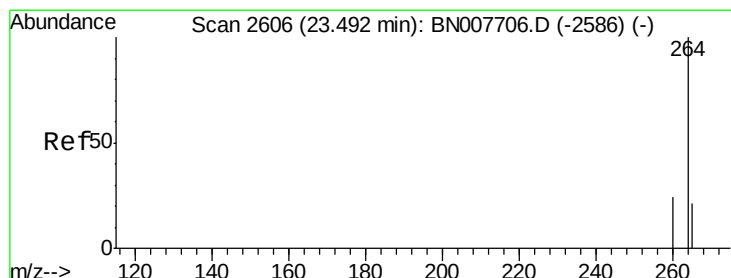
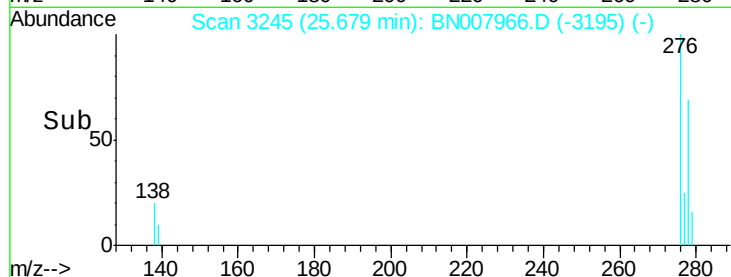
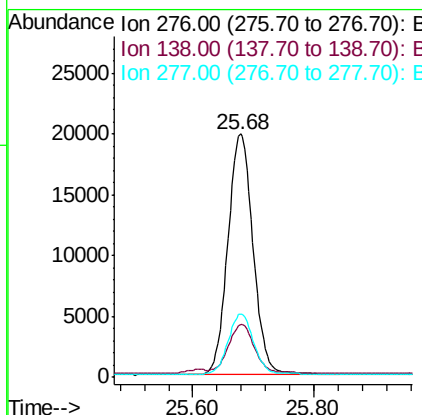
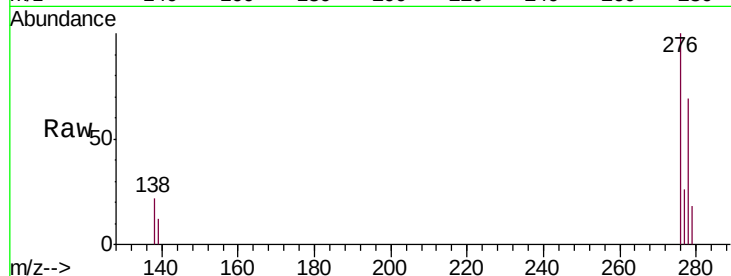




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.395 ng  
 RT: 25.68 min Scan# 3245  
 Delta R.T. -0.03 min  
 Lab File: BN007966.D  
 Acq: 02 Oct 2019 15:30

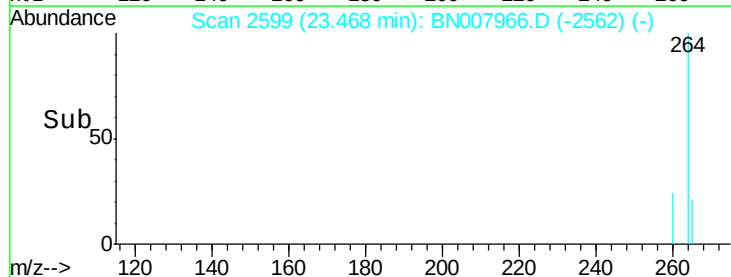
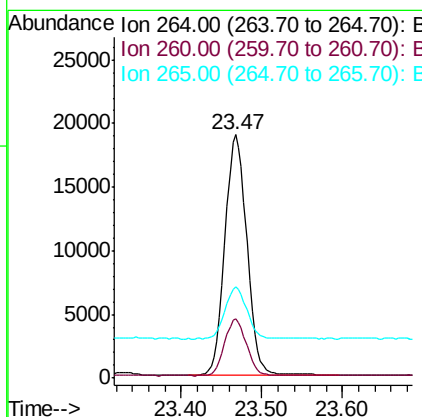
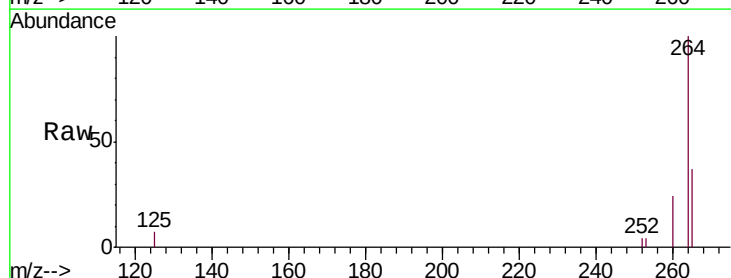
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

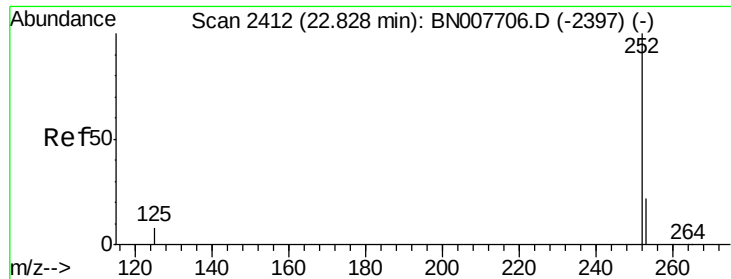
Tgt Ion: 276 Resp: 57522  
 Ion Ratio Lower Upper  
 276 100  
 138 20.5 17.1 25.7  
 277 25.0 20.0 30.0



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.47 min Scan# 2599  
 Delta R.T. -0.02 min  
 Lab File: BN007966.D  
 Acq: 02 Oct 2019 15:30

Tgt Ion: 264 Resp: 35672  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.3 28.9  
 265 37.3 26.9 40.3

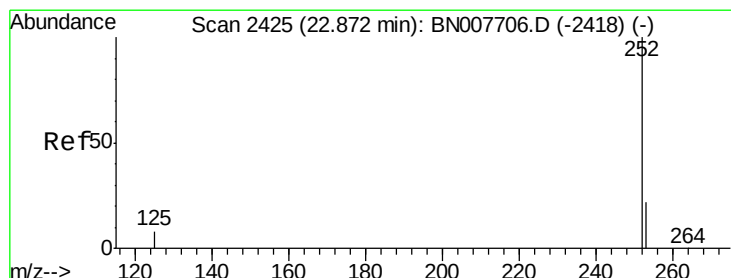
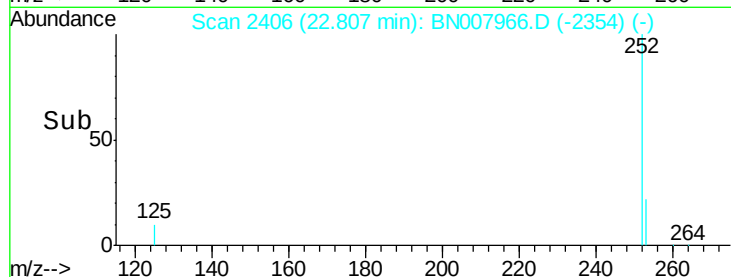
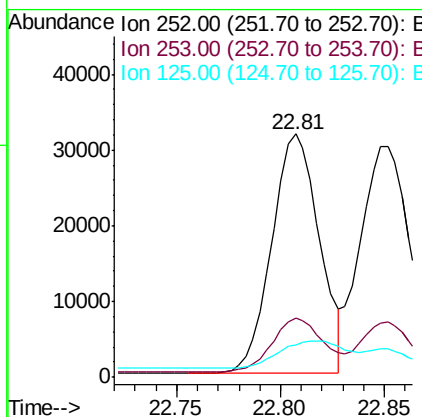
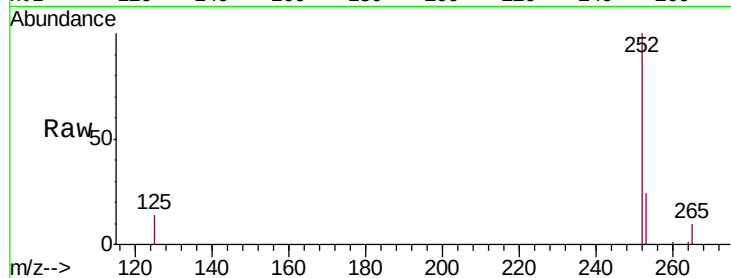




#35  
Benzo(b)fluoranthene  
Concen: 0.406 ng  
RT: 22.81 min Scan# 2406  
Delta R.T. -0.02 min  
Lab File: BN007966.D  
Acq: 02 Oct 2019 15:30

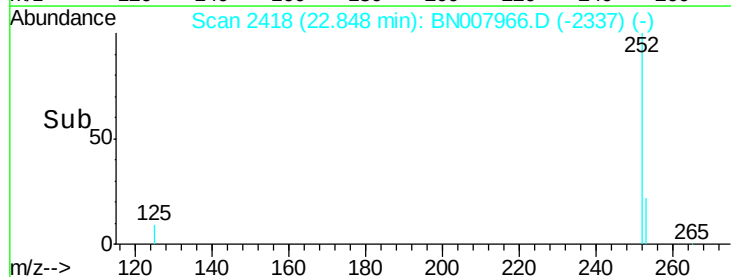
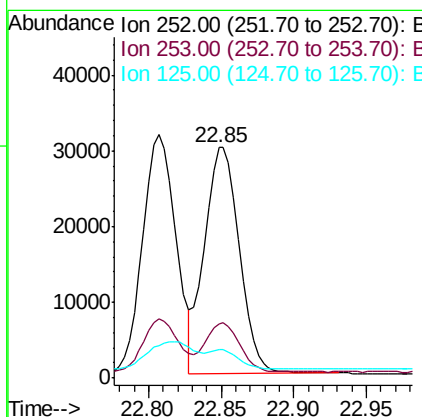
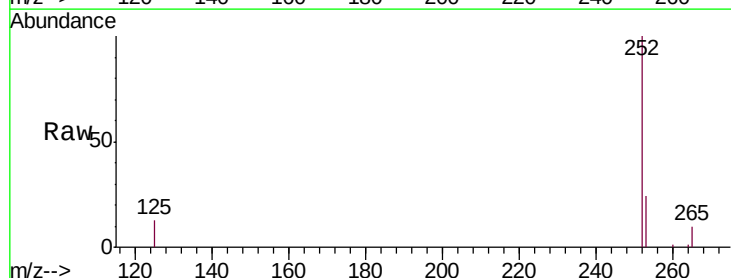
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

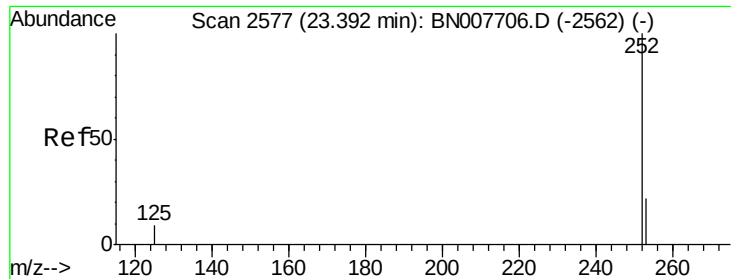
Tgt Ion:252 Resp: 50283  
Ion Ratio Lower Upper  
252 100  
253 24.1 18.3 27.5  
125 13.6 8.2 12.4#



#36  
Benzo(k)fluoranthene  
Concen: 0.410 ng  
RT: 22.85 min Scan# 2418  
Delta R.T. -0.02 min  
Lab File: BN007966.D  
Acq: 02 Oct 2019 15:30

Tgt Ion:252 Resp: 50193  
Ion Ratio Lower Upper  
252 100  
253 23.8 18.5 27.7  
125 12.6 8.4 12.6#





#37

Benzo(a)pyrene

Concen: 0.412 ng

RT: 23.37 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

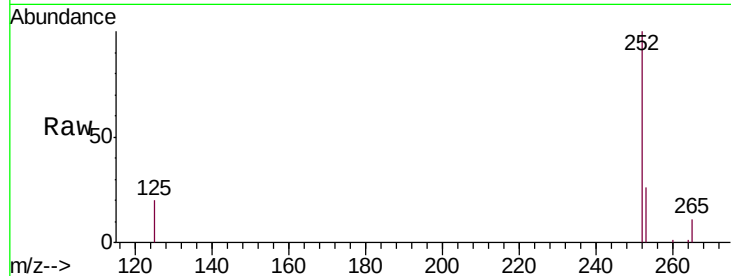
Tgt Ion:252 Resp: 47961

Ion Ratio Lower Upper

252 100

253 25.6 18.6 27.8

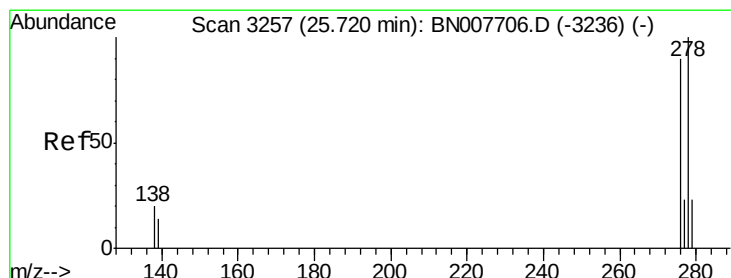
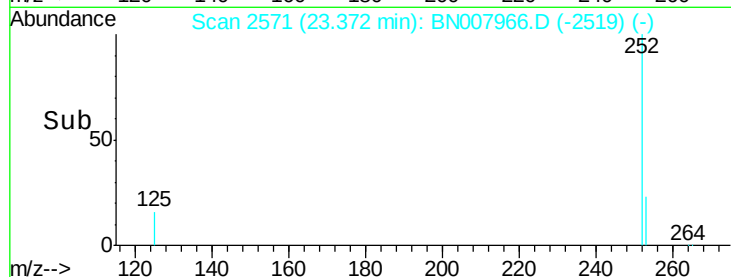
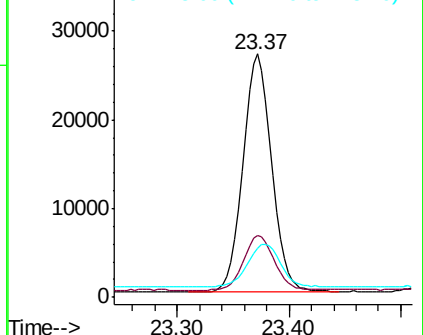
125 20.2 9.4 14.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.392 ng

RT: 25.69 min Scan# 3249

Delta R.T. -0.03 min

Lab File: BN007966.D

Acq: 02 Oct 2019 15:30

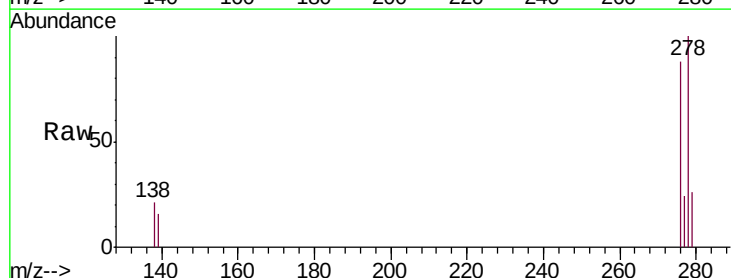
Tgt Ion:278 Resp: 46722

Ion Ratio Lower Upper

278 100

139 15.7 11.8 17.6

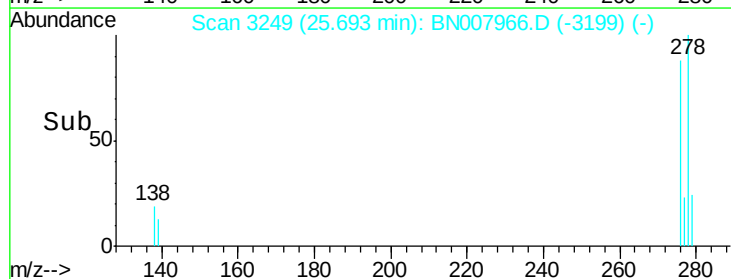
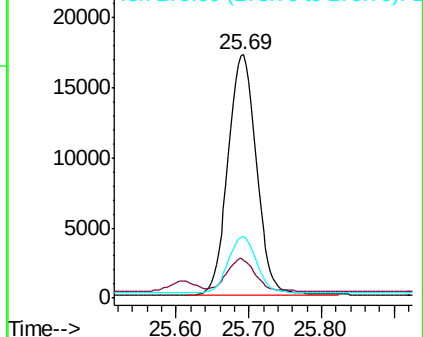
279 25.5 19.4 29.2

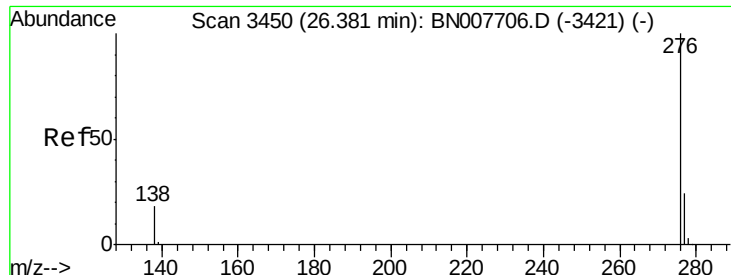


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.397 ng

RT: 26.35 min Scan# 3441

Delta R.T. -0.03 min

Lab File: BN007966.D

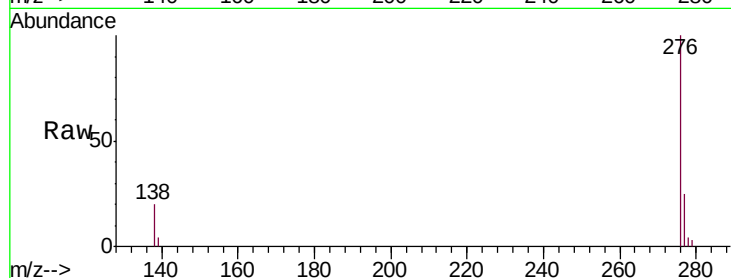
Acq: 02 Oct 2019 15:30

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



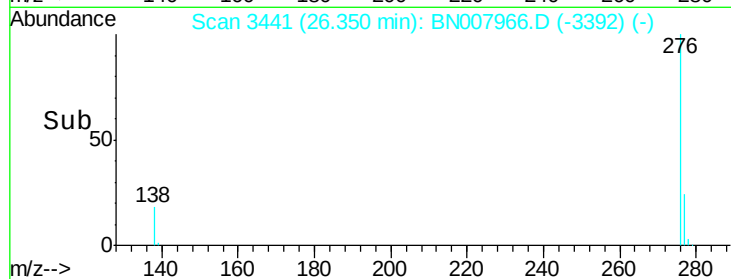
Tgt Ion: 276 Resp: 46757

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.8

138 20.0 15.1 22.7



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

