

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\  
 Data File : BN007880.D  
 Acq On : 26 Sep 2019 08:05  
 Operator : JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Sep 26 08:43:15 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  | 8126     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.46 | 136  | 31346    | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 18071    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.06 | 188  | 35021    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.26 | 240  | 37262    | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.47 | 264  | 40982    | 0.40 | ng    | -0.02    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.31  | 112 | 9996  | 0.36 | ng | 0.00  |
| 5) Phenol-d6                | 6.87  | 99  | 13046 | 0.37 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.83  | 82  | 11471 | 0.42 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152 | 22089 | 0.42 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330 | 3274  | 0.33 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 12.93 | 172 | 30364 | 0.41 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.09 | 212 | 47011 | 0.40 | ng | -0.01 |
| 29) Terphenyl-d14           | 19.70 | 244 | 39279 | 0.43 | ng | -0.01 |

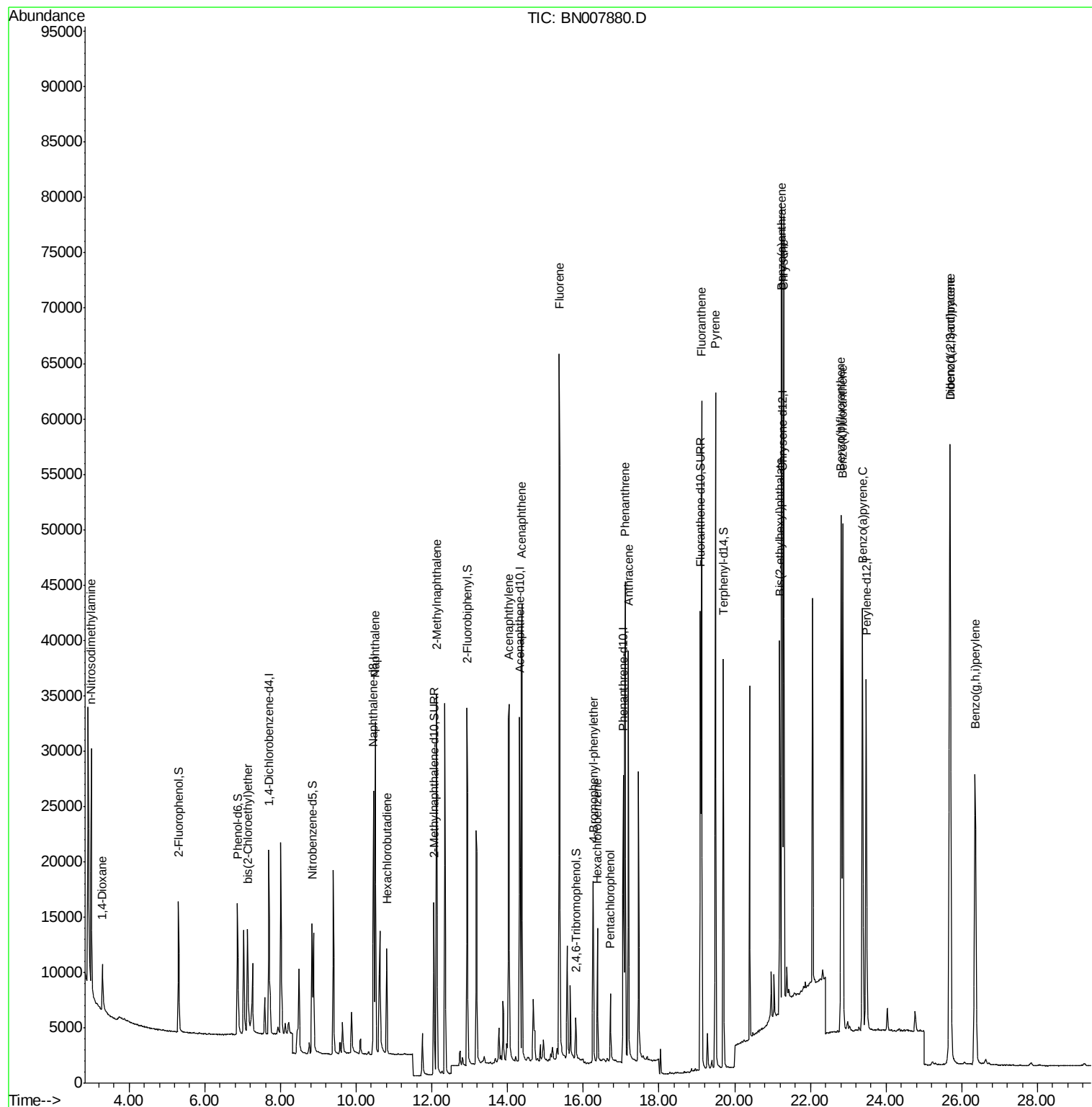
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.30  | 88  | 3612  | 0.399  | ng | # 85  |
| 3) n-Nitrosodimethylamine      | 3.00  | 42  | 2145  | 0.517  | ng | # 85  |
| 6) bis(2-Chloroethyl)ether     | 7.13  | 93  | 9673  | 0.420  | ng | 97    |
| 9) Naphthalene                 | 10.51 | 128 | 37601 | 0.427  | ng | 100   |
| 10) Hexachlorobutadiene        | 10.81 | 225 | 8239  | 0.445  | ng | # 100 |
| 12) 2-Methylnaphthalene        | 12.13 | 142 | 24984 | 0.420  | ng | 99    |
| 16) Acenaphthylene             | 14.03 | 152 | 45496 | 0.475  | ng | 100   |
| 17) Acenaphthene               | 14.38 | 154 | 23761 | 0.385  | ng | 96    |
| 18) Fluorene                   | 15.36 | 166 | 31376 | 0.396  | ng | 100   |
| 20) 4-Bromophenyl-phenylether  | 16.26 | 248 | 9562  | 0.450  | ng | 99    |
| 21) Hexachlorobenzene          | 16.38 | 284 | 10781 | 0.464  | ng | 97    |
| 22) Pentachlorophenol          | 16.72 | 266 | 3609  | 0.421  | ng | 97    |
| 23) Phenanthrene               | 17.10 | 178 | 46214 | 0.424  | ng | 100   |
| 24) Anthracene                 | 17.19 | 178 | 42806 | 0.434  | ng | 99    |
| 26) Fluoranthene               | 19.12 | 202 | 54522 | 0.402  | ng | 100   |
| 28) Pyrene                     | 19.49 | 202 | 56529 | 0.445  | ng | 99    |
| 30) Benzo(a)anthracene         | 21.24 | 228 | 58169 | 0.424  | ng | 99    |
| 31) Chrysene                   | 21.29 | 228 | 56620 | 0.423  | ng | 100   |
| 32) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 28922 | 0.410  | ng | 100   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.68 | 276 | 66649 | 0.398  | ng | 99    |
| 35) Benzo(b)fluoranthene       | 22.81 | 252 | 58857 | 0.414  | ng | 99    |
| 36) Benzo(k)fluoranthene       | 22.86 | 252 | 57052 | 0.406  | ng | 100   |
| 37) Benzo(a)pyrene             | 23.38 | 252 | 54819 | 0.410  | ng | 99    |
| 38) Dibenzo(a,h)anthracene     | 25.70 | 278 | 53957 | 0.394  | ng | 98    |
| 39) Benzo(g,h,i)perylene       | 26.35 | 276 | 54946 | 0.406  | ng | 99    |

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

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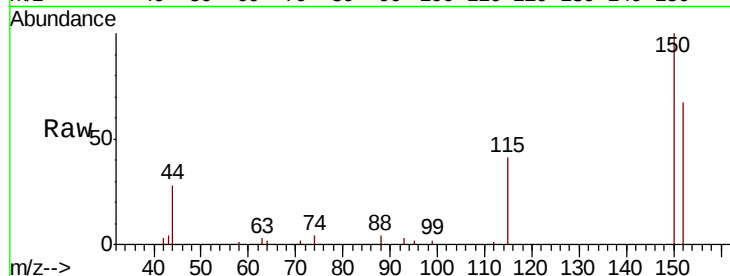


#1

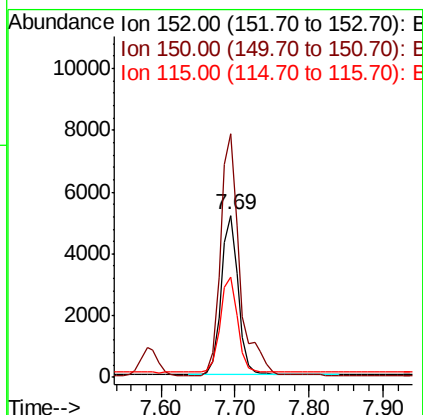
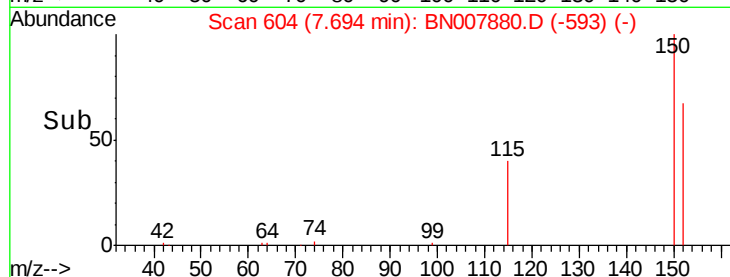
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.69 min Scan# 604  
Delta R.T. -0.01 min  
Lab File: BN007880.D  
Acq: 26 Sep 2019 08:05

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tot Ion:152 Resp: 8126  
Ion Ratio Lower Upper  
152 100  
150 150.3 125.6 188.4  
115 62.1 53.3 79.9



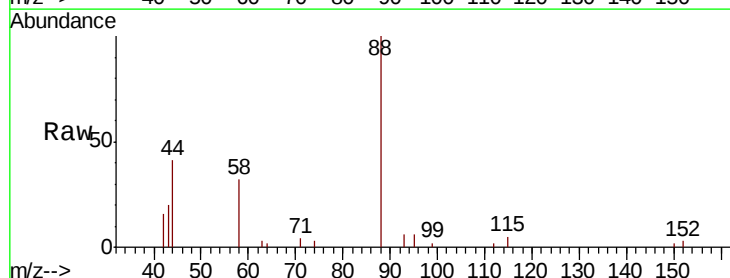
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



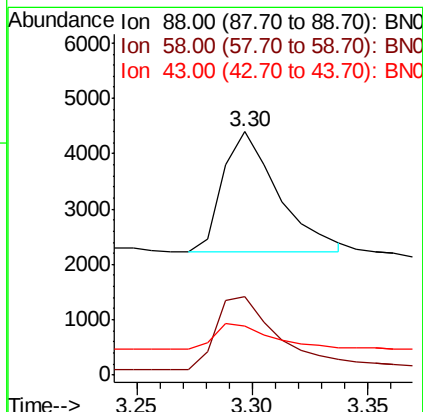
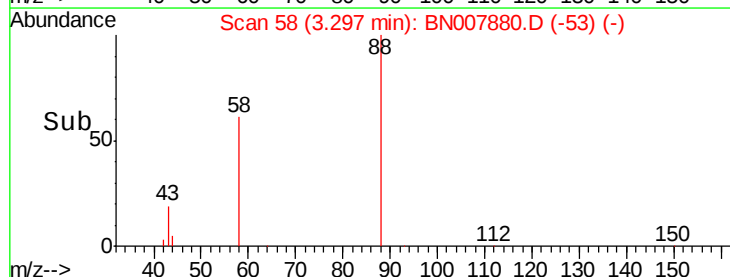
#2

1,4-Dioxane  
Concen: 0.399 ng  
RT: 3.30 min Scan# 58  
Delta R.T. -0.01 min  
Lab File: BN007880.D  
Acq: 26 Sep 2019 08:05

Tgt Ion: 88 Resp: 3612  
Ion Ratio Lower Upper  
88 100  
58 68.5 44.6 66.8#  
43 20.7 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



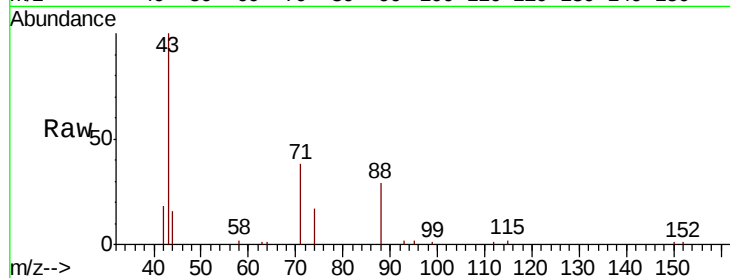


#3

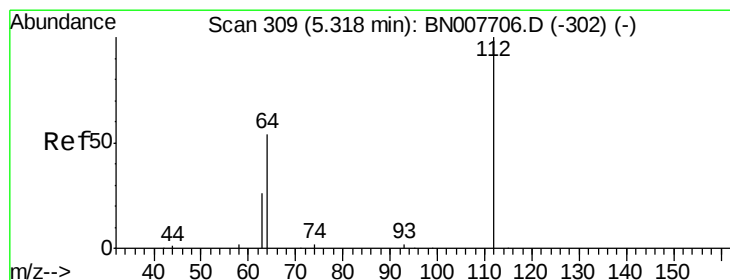
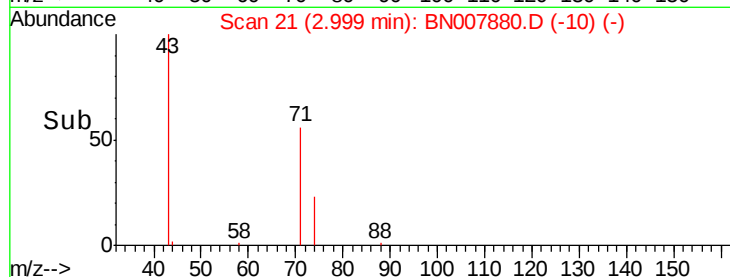
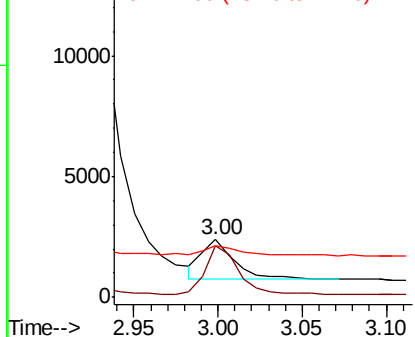
n-Nitrosodimethylamine  
 Concen: 0.517 ng  
 RT: 3.00 min Scan# 21  
 Delta R.T. -0.01 min  
 Lab File: BN007880.D  
 Acq: 26 Sep 2019 08:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 2145  
 Ion Ratio Lower Upper  
 42 100  
 74 125.6 87.9 131.9  
 44 26.7 29.4 44.0#



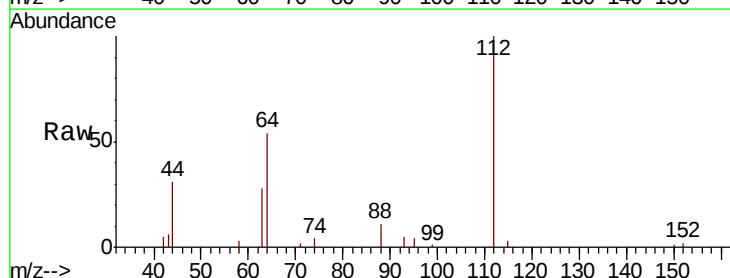
Abundance Ion 42.00 (41.70 to 42.70): BNC  
 Ion 74.00 (73.70 to 74.70): BNC  
 Ion 44.00 (43.70 to 44.70): BNC



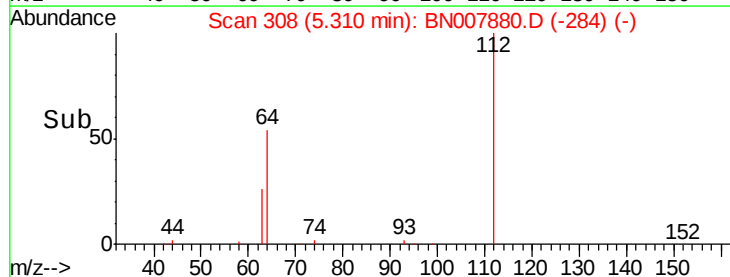
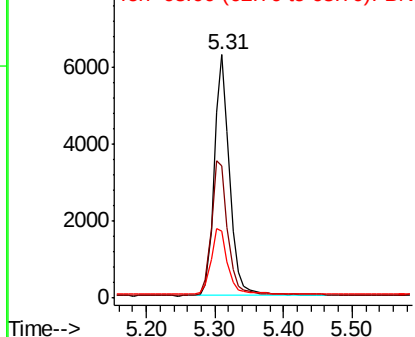
#4

2-Fluorophenol  
 Concen: 0.357 ng  
 RT: 5.31 min Scan# 308  
 Delta R.T. -0.01 min  
 Lab File: BN007880.D  
 Acq: 26 Sep 2019 08:05

Tgt Ion: 112 Resp: 9996  
 Ion Ratio Lower Upper  
 112 100  
 64 59.0 46.6 70.0  
 63 28.9 23.1 34.7



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





#5

Phenol-d6

Concen: 0.374 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

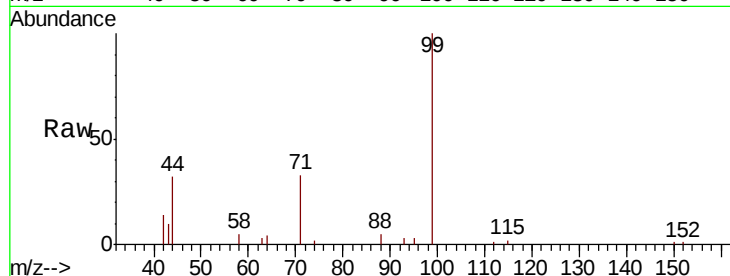
Tot Ion: 99 Resp: 13046

Ion Ratio Lower Upper

99 100

42 13.9 12.8 19.2

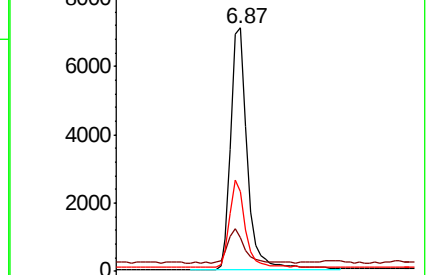
71 34.3 27.6 41.4



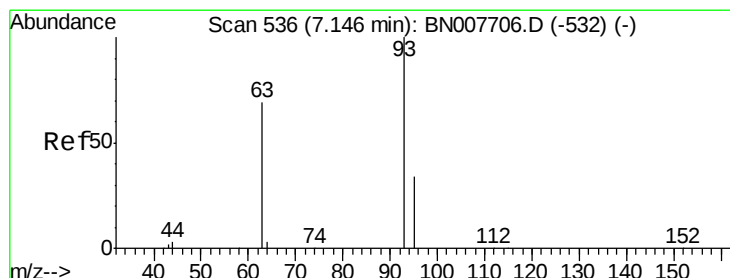
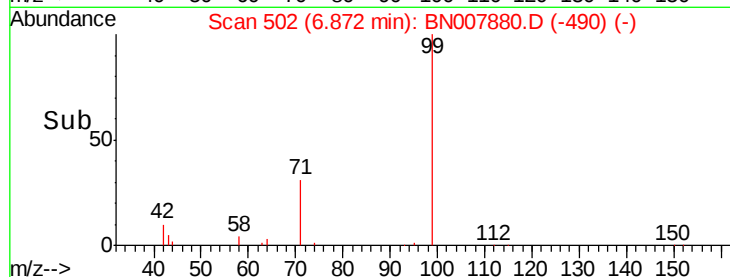
Abundance Ion 99.00 (98.70 to 99.70): BN007880.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007880.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007880.D (-511) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

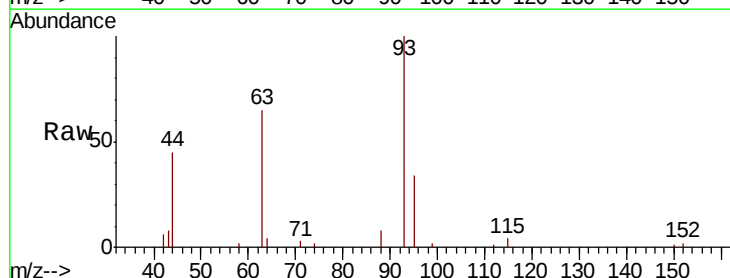
Tgt Ion: 93 Resp: 9673

Ion Ratio Lower Upper

93 100

63 72.1 59.3 88.9

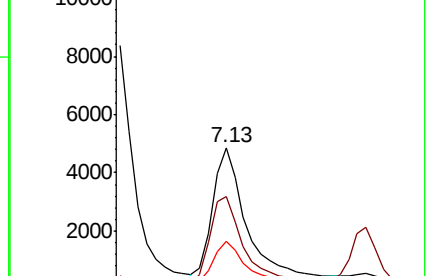
95 37.0 31.4 47.0



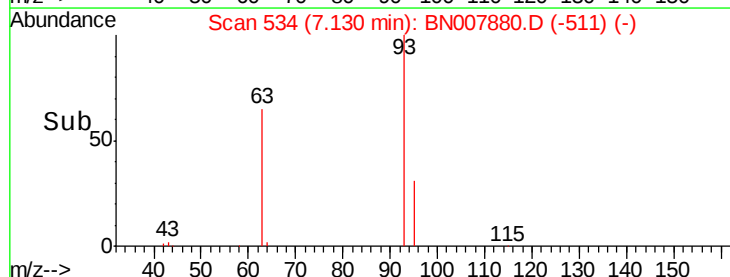
Abundance Ion 93.00 (92.70 to 93.70): BN007880.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007880.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007880.D (-511) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 31346

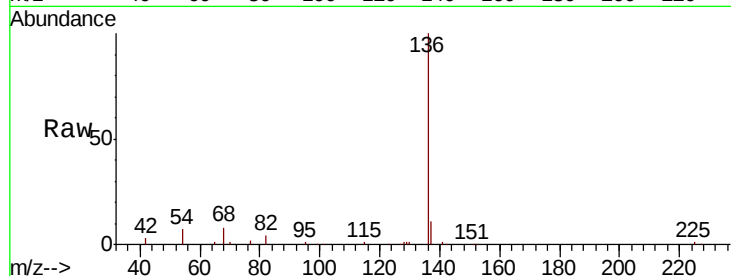
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.0 5.8 8.8

68 7.6 6.5 9.7

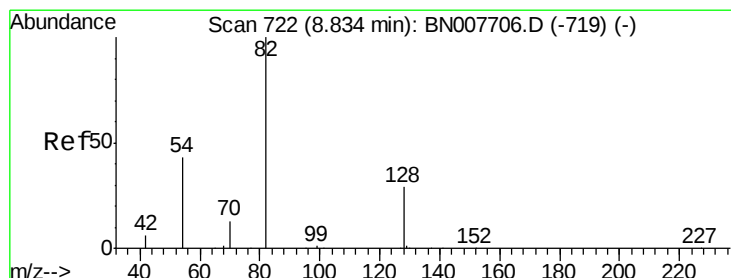
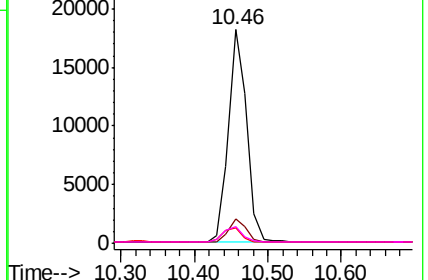
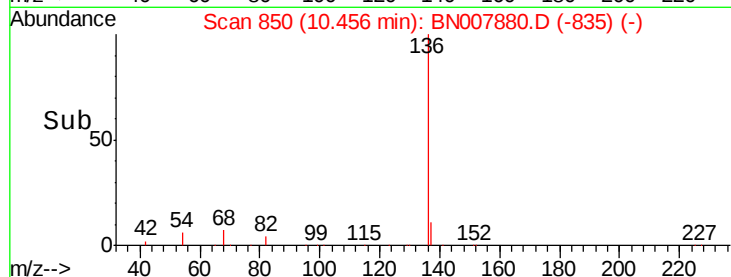


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.418 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

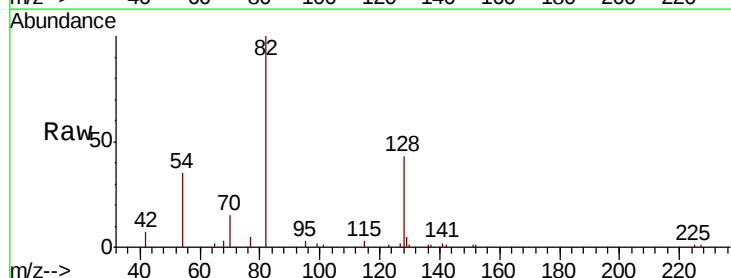
Tgt Ion: 82 Resp: 11471

Ion Ratio Lower Upper

82 100

128 42.7 24.5 36.7#

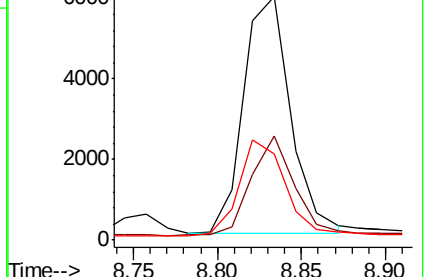
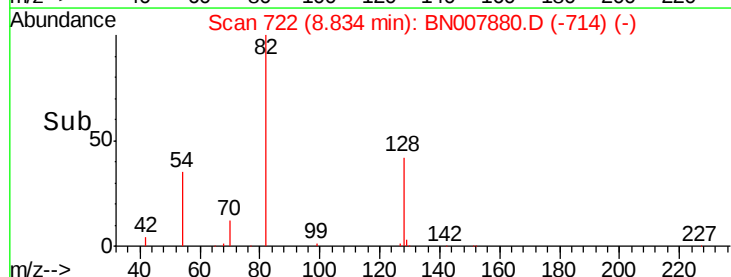
54 35.3 35.2 52.8



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: 0.427 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

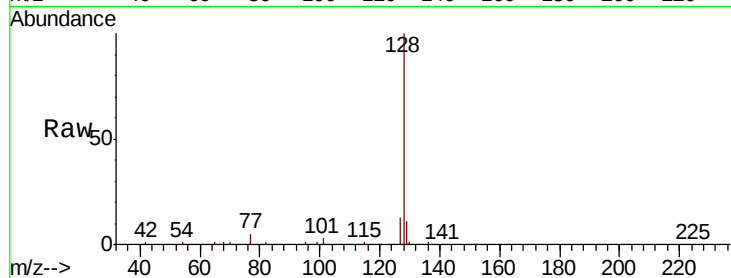
Tot Ion:128 Resp: 37601

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

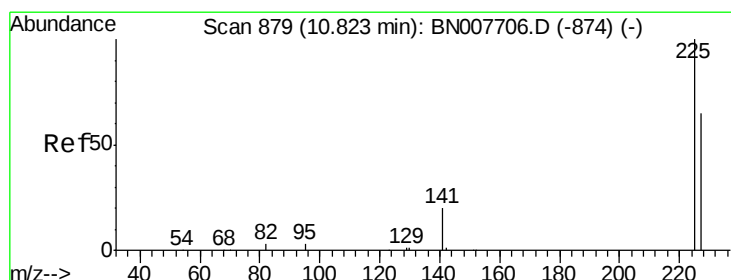
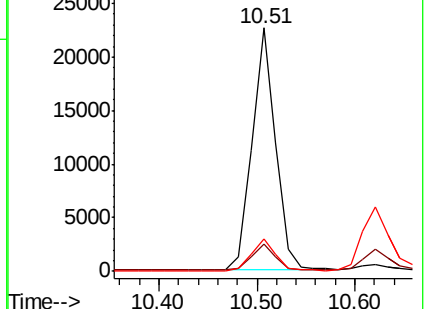
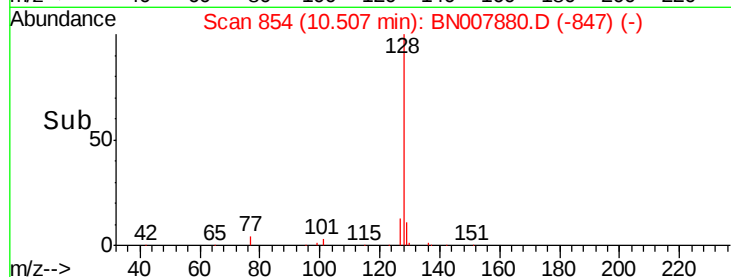
127 13.3 10.6 15.8



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: 0.445 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

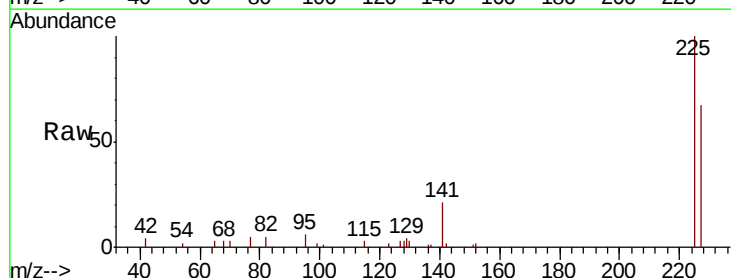
Tgt Ion:225 Resp: 8239

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

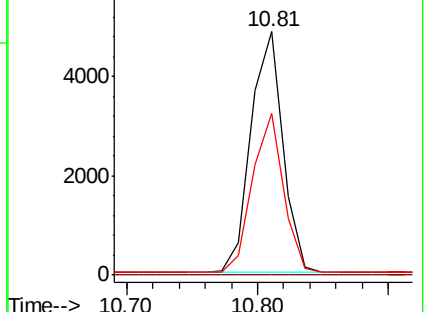
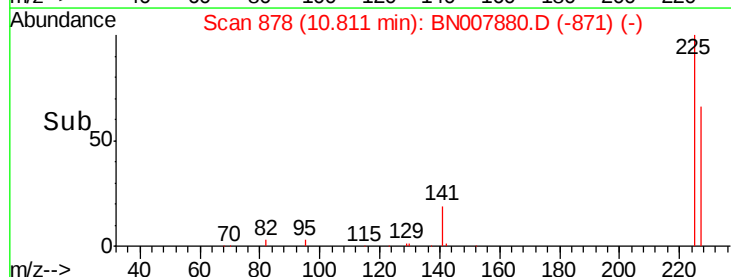
227 64.2 51.2 76.8

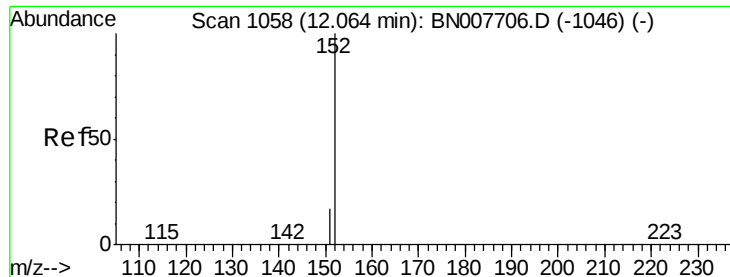


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

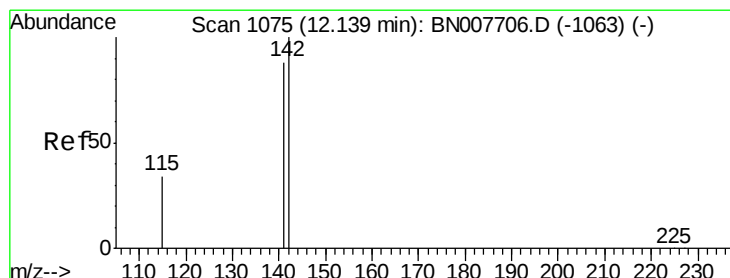
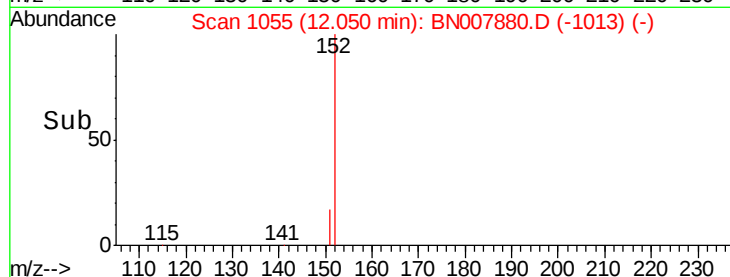
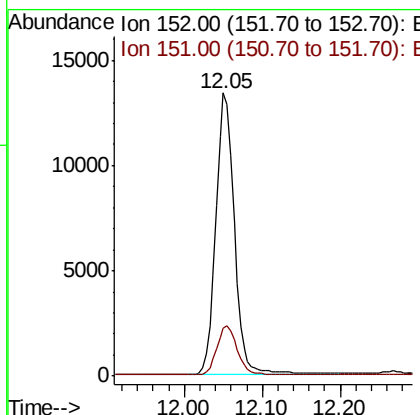
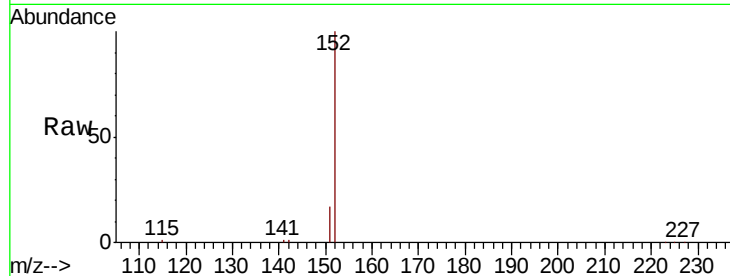




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.418 ng  
 RT: 12.05 min Scan# 1055  
 Delta R.T. -0.01 min  
 Lab File: BN007880.D  
 Acq: 26 Sep 2019 08:05

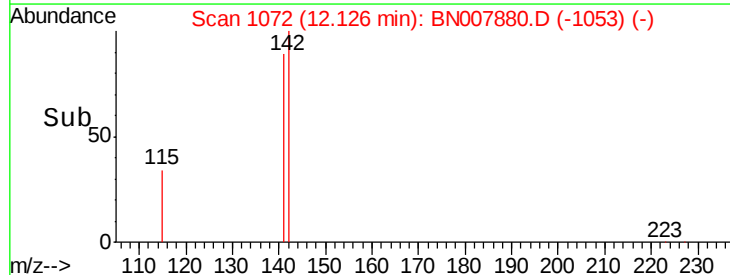
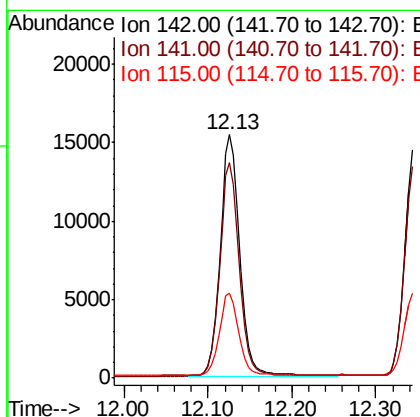
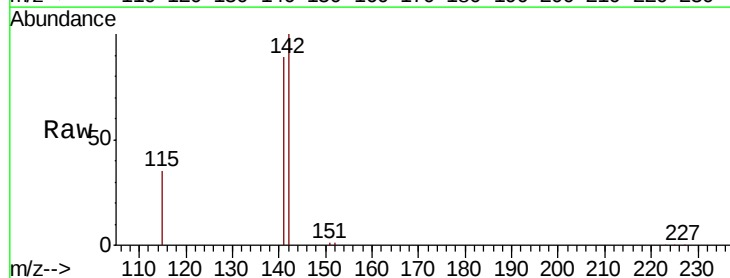
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Tot Ion:152 Resp: 22089  
 Ion Ratio Lower Upper  
 152 100  
 151 19.2 15.4 23.2



#12  
 2-Methylnaphthalene  
 Concen: 0.420 ng  
 RT: 12.13 min Scan# 1072  
 Delta R.T. -0.01 min  
 Lab File: BN007880.D  
 Acq: 26 Sep 2019 08:05

Tgt Ion:142 Resp: 24984  
 Ion Ratio Lower Upper  
 142 100  
 141 88.6 70.6 106.0  
 115 34.7 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: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

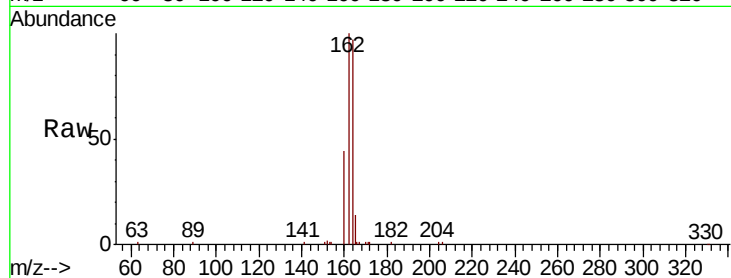
Tot Ion:164 Resp: 18071

Ion Ratio Lower Upper

164 100

162 102.9 81.7 122.5

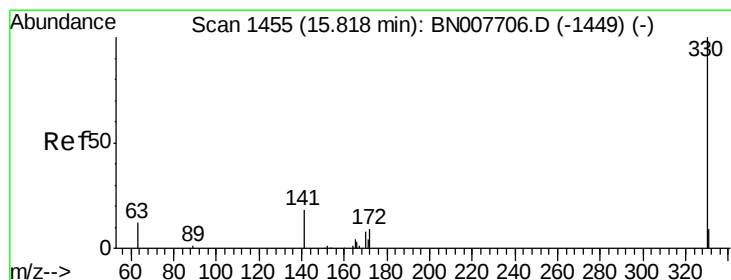
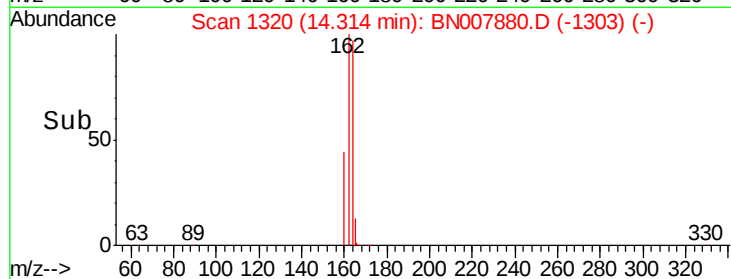
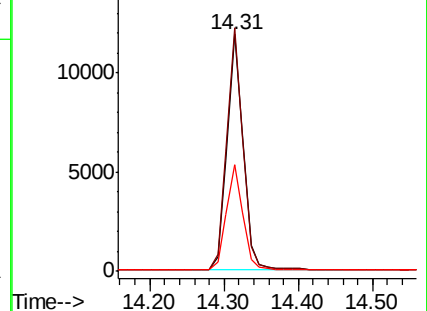
160 45.3 37.0 55.4



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: 0.333 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

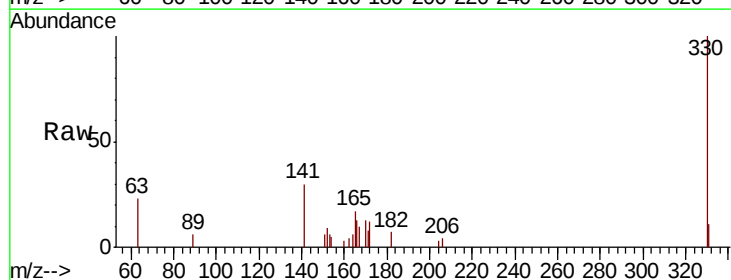
Tgt Ion:330 Resp: 3274

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

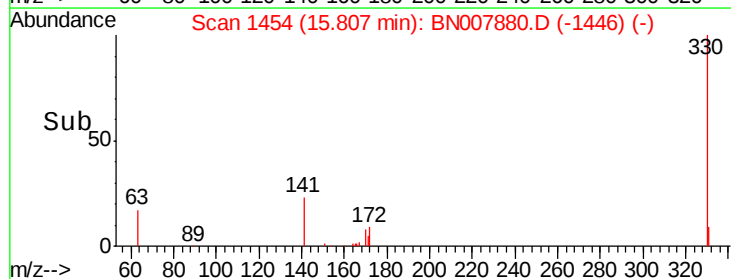
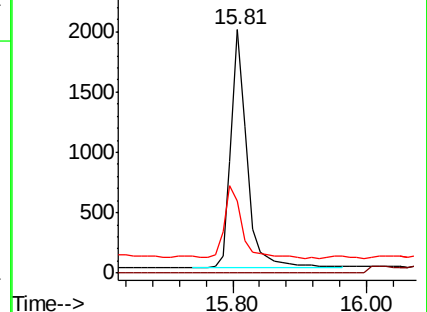
141 32.6 28.7 43.1



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

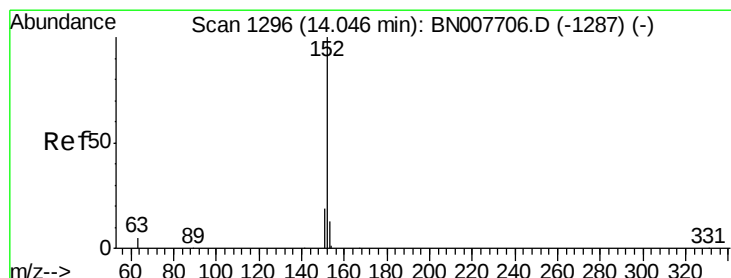
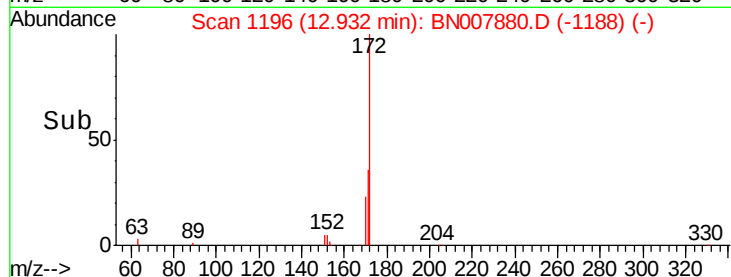
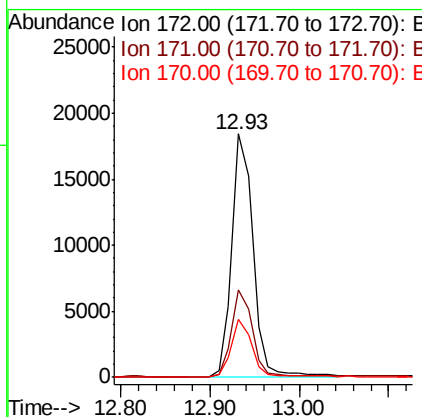
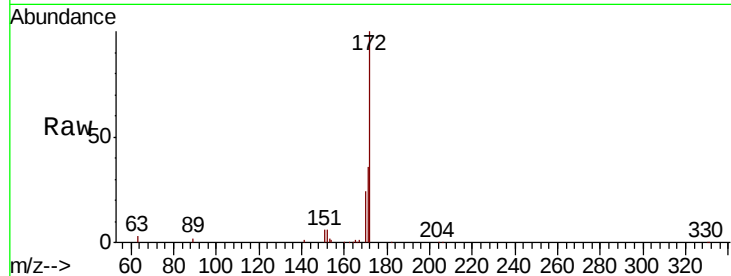




#15  
2-Fluorobiphenyl  
Concen: 0.408 ng  
RT: 12.93 min Scan# 1196  
Delta R.T. -0.01 min  
Lab File: BN007880.D  
Acq: 26 Sep 2019 08:05

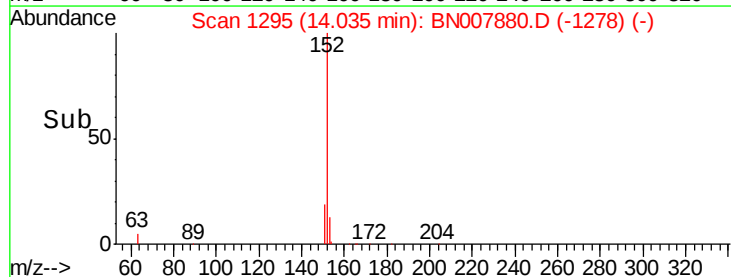
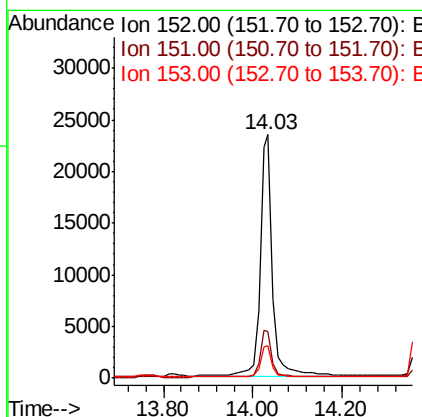
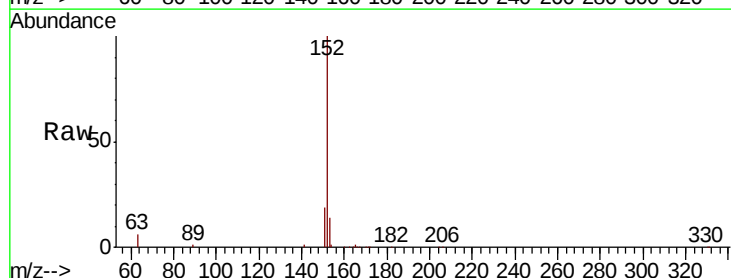
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

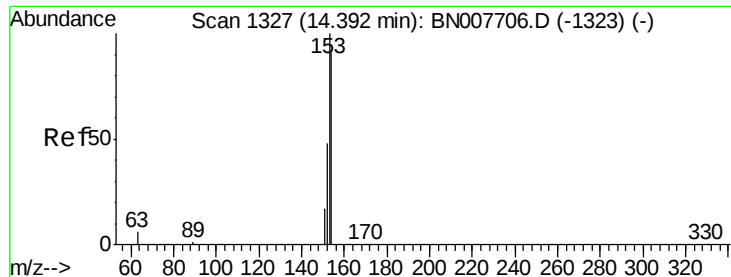
Tot Ion:172 Resp: 30364  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.8 43.2  
170 23.7 19.5 29.3



#16  
Acenaphthylene  
Concen: 0.475 ng  
RT: 14.03 min Scan# 1295  
Delta R.T. -0.01 min  
Lab File: BN007880.D  
Acq: 26 Sep 2019 08:05

Tgt Ion:152 Resp: 45496  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.5 23.3  
153 12.7 10.4 15.6





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

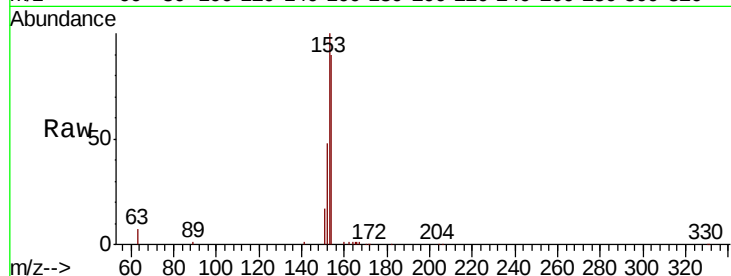
Tot Ion:154 Resp: 23761

Ion Ratio Lower Upper

154 100

153 114.1 87.0 130.4

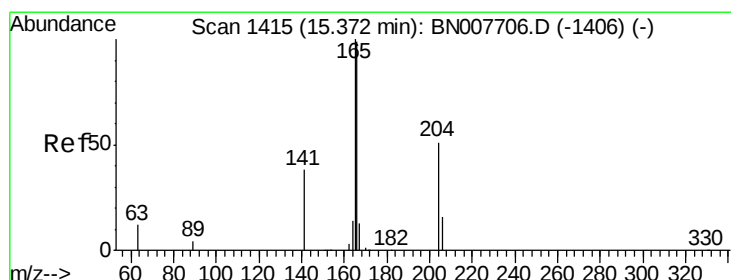
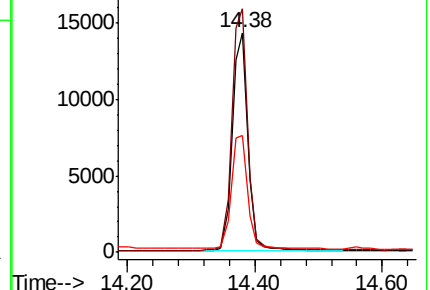
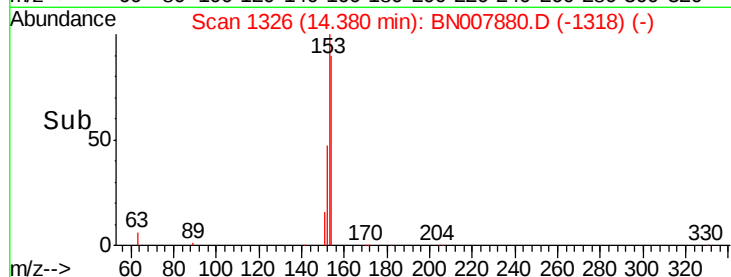
152 55.5 42.7 64.1



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: 0.396 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

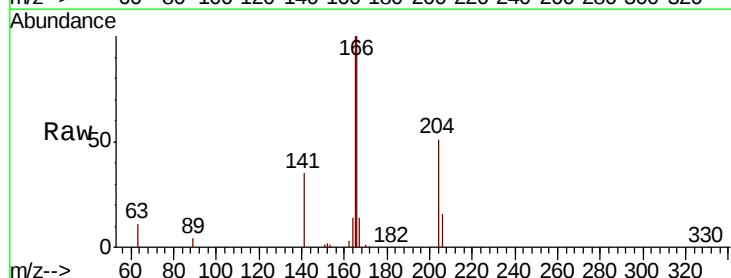
Tgt Ion:166 Resp: 31376

Ion Ratio Lower Upper

166 100

165 97.1 78.0 117.0

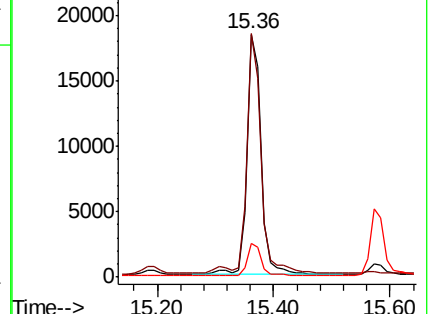
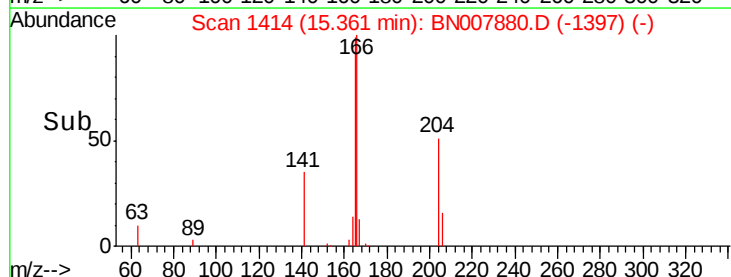
167 13.6 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

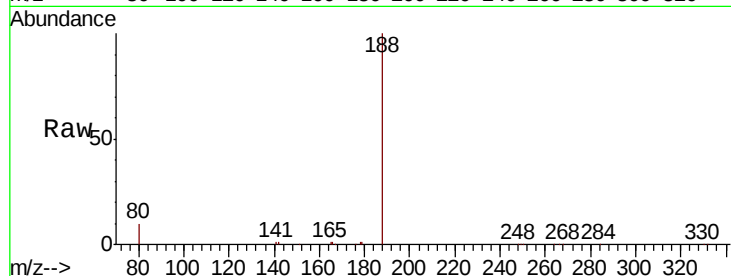
Tot Ion:188 Resp: 35021

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

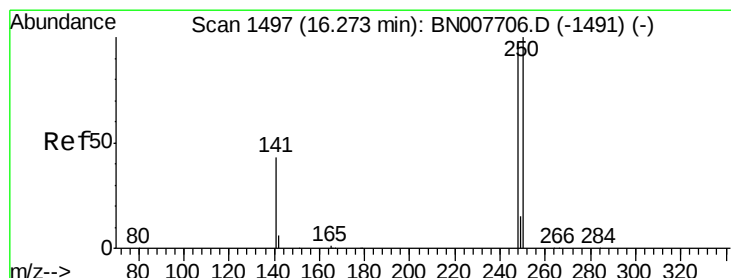
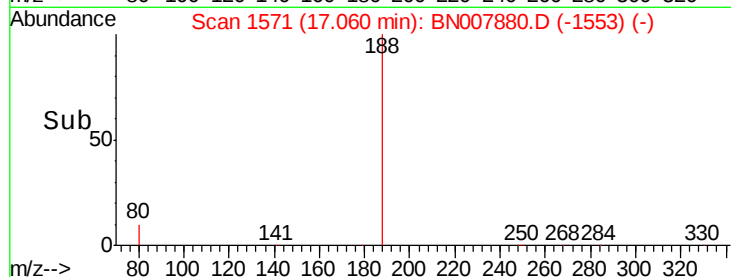
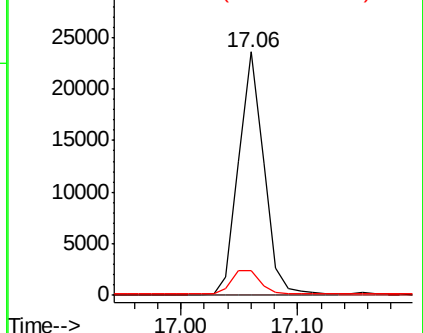
80 10.2 7.4 11.2



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: 0.450 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

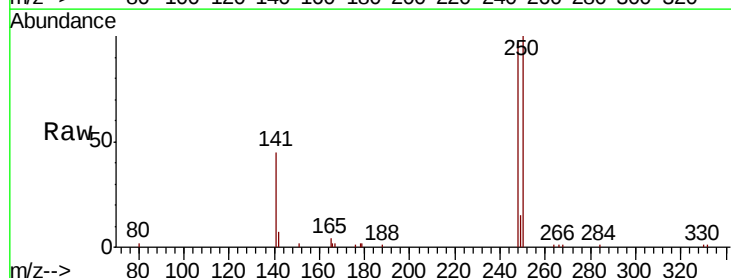
Tgt Ion:248 Resp: 9562

Ion Ratio Lower Upper

248 100

250 103.6 82.2 123.4

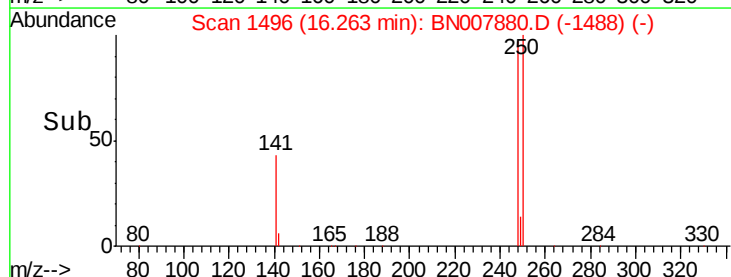
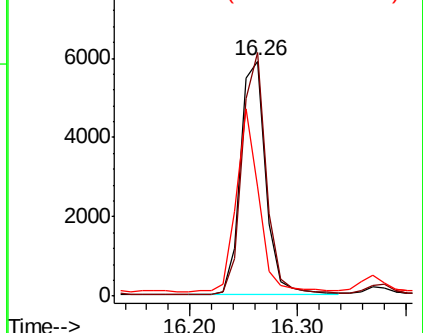
141 46.4 36.3 54.5



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: 0.464 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

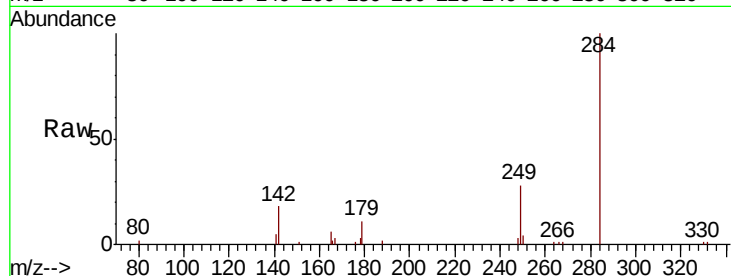
Tot Ion:284 Resp: 10781

Ion Ratio Lower Upper

284 100

142 30.5 25.8 38.6

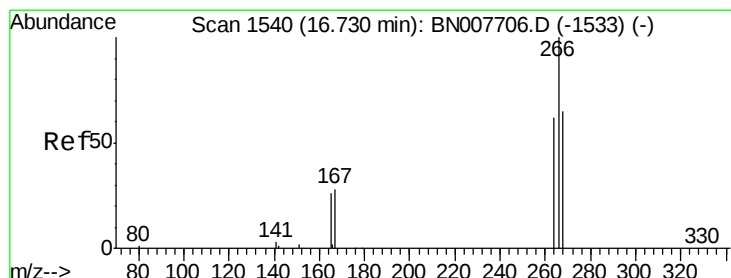
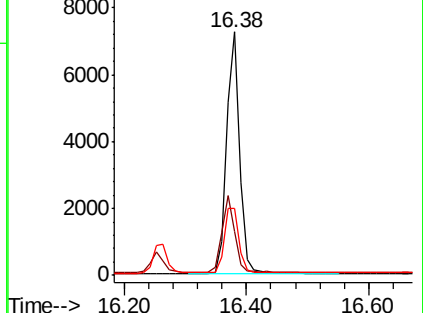
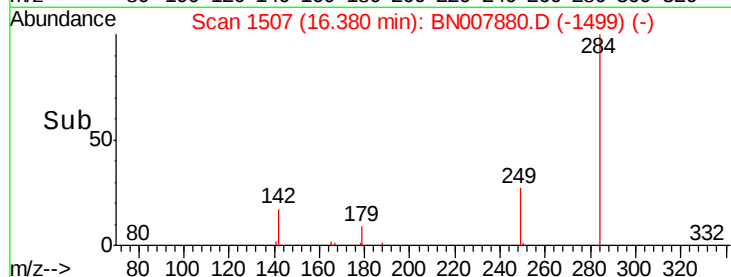
249 30.4 25.9 38.9



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: 0.421 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

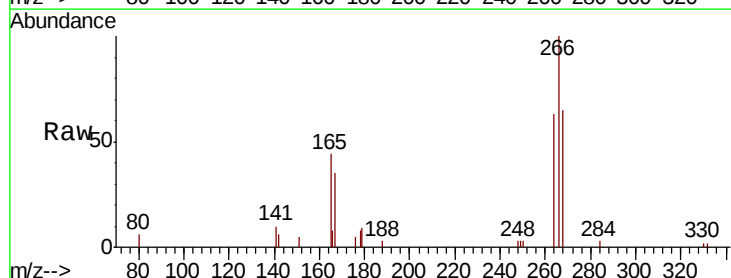
Tgt Ion:266 Resp: 3609

Ion Ratio Lower Upper

266 100

264 63.2 50.0 75.0

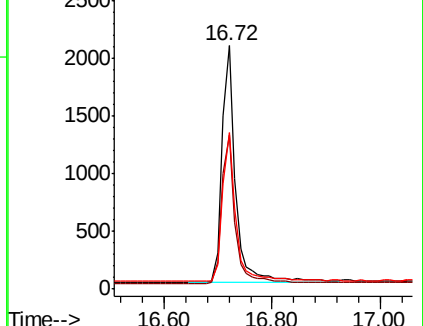
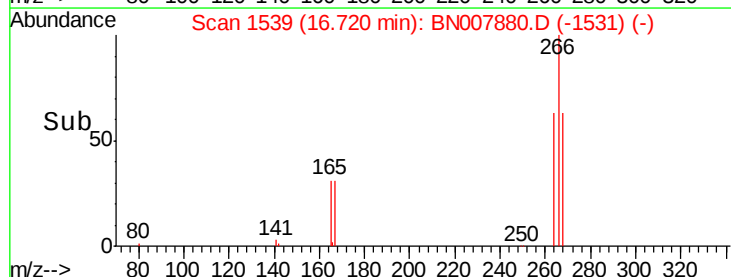
268 64.5 54.2 81.4

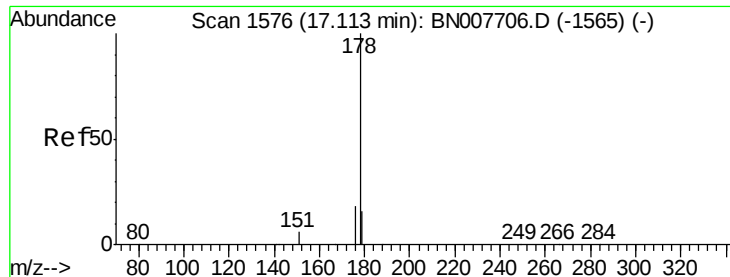


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.424 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

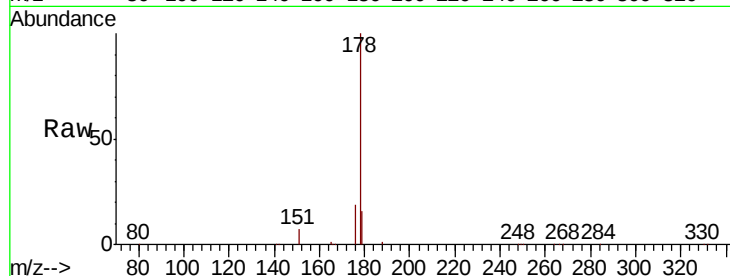
Tot Ion:178 Resp: 46214

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

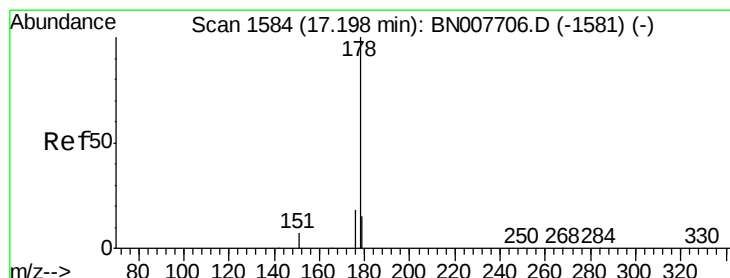
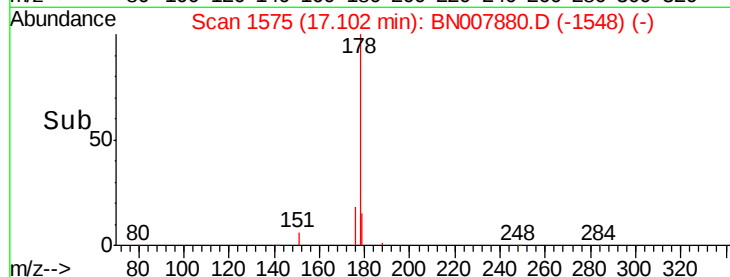
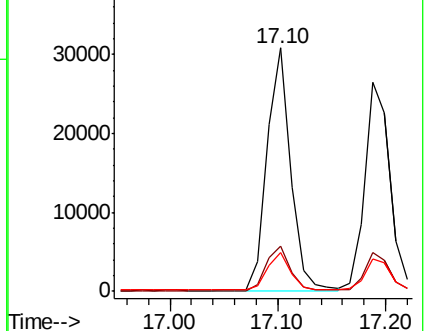
179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.434 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

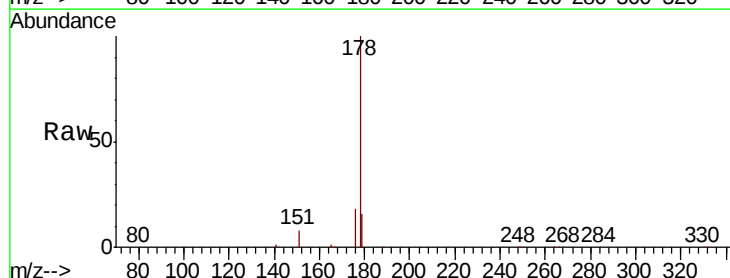
Tgt Ion:178 Resp: 42806

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

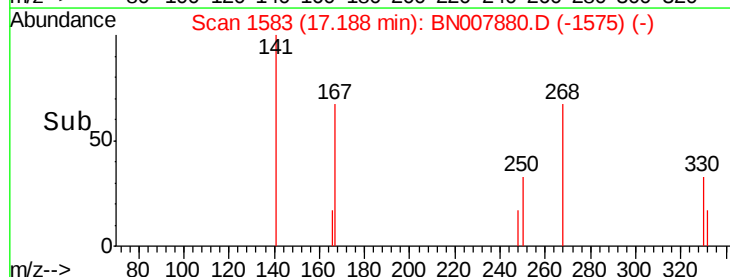
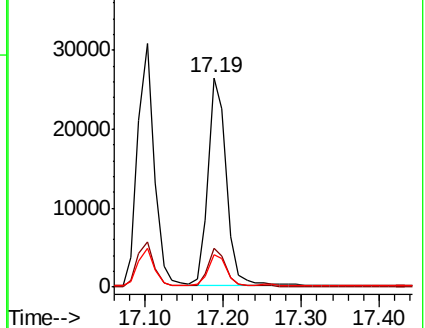
179 14.7 12.2 18.4

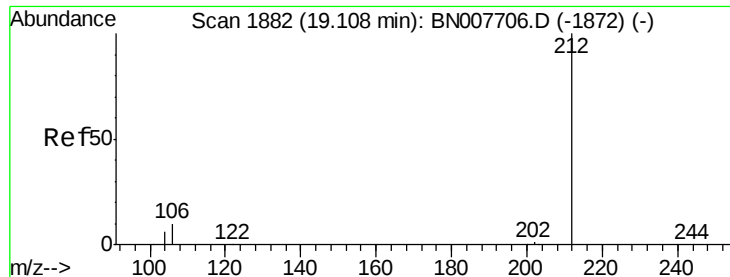


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

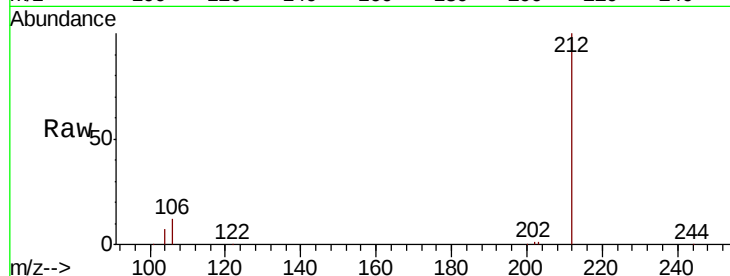
Tot Ion:212 Resp: 47011

Ion Ratio Lower Upper

212 100

106 11.5 9.4 14.0

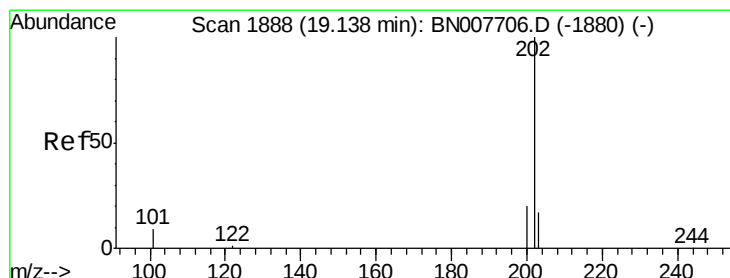
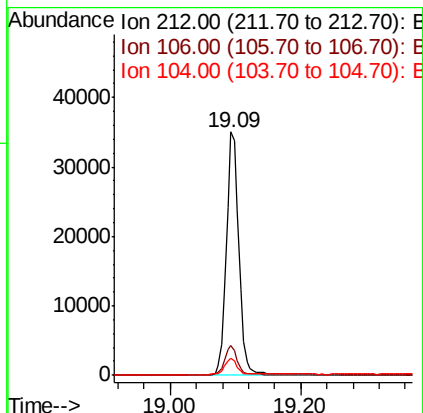
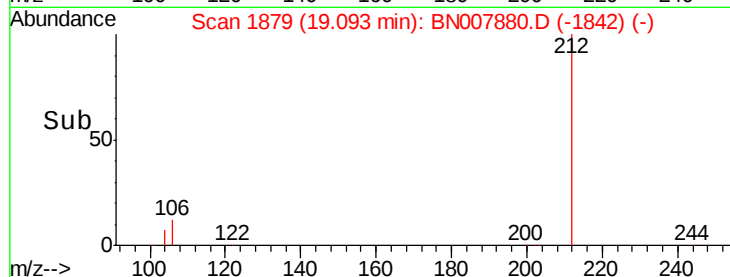
104 6.4 5.3 7.9



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: 0.402 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

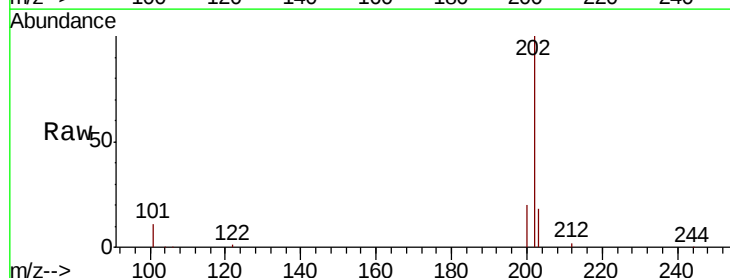
Tgt Ion:202 Resp: 54522

Ion Ratio Lower Upper

202 100

101 10.5 8.4 12.6

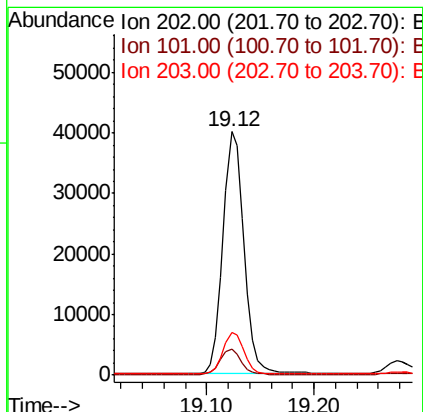
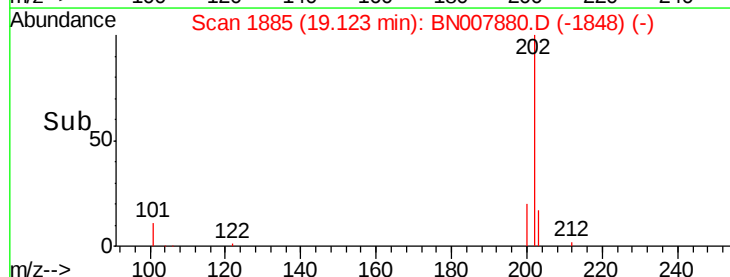
203 17.1 13.8 20.8



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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

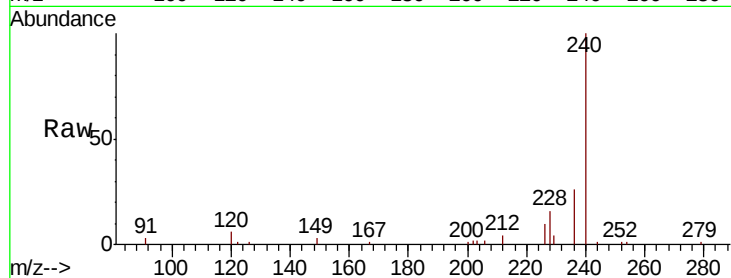
Tot Ion:240 Resp: 37262

Ion Ratio Lower Upper

240 100

120 6.2 5.4 8.2

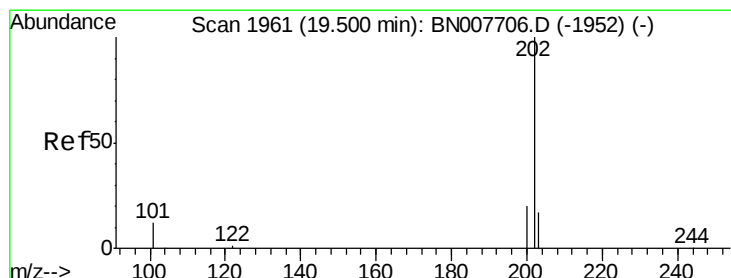
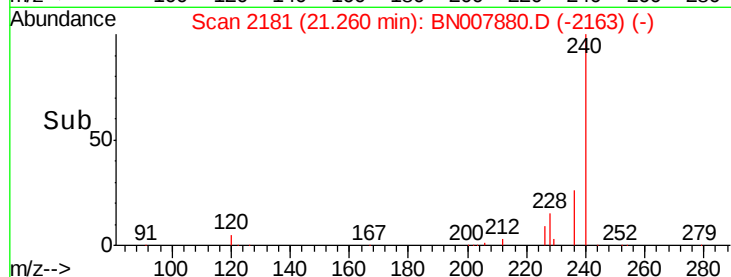
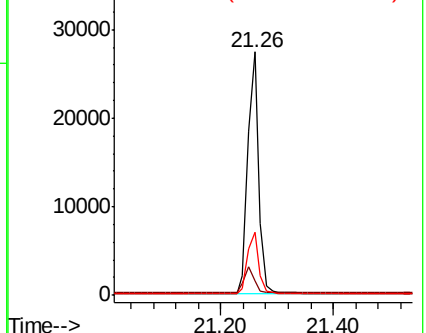
236 26.1 21.0 31.4



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: 0.445 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

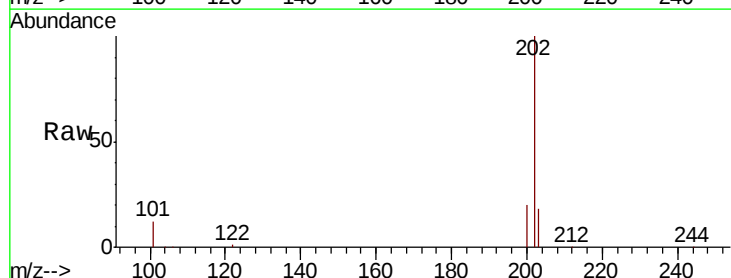
Tgt Ion:202 Resp: 56529

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

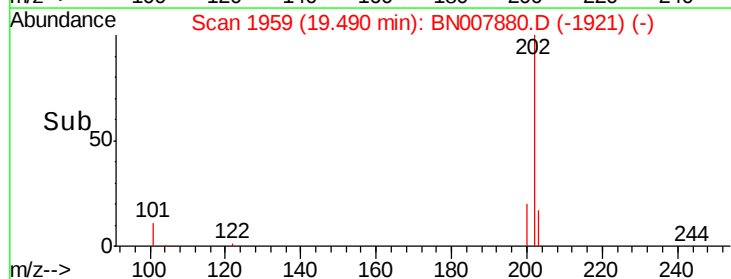
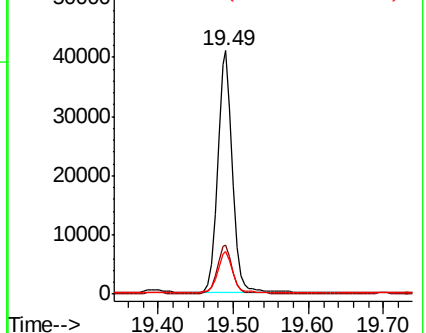
203 18.2 14.1 21.1



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: 0.429 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

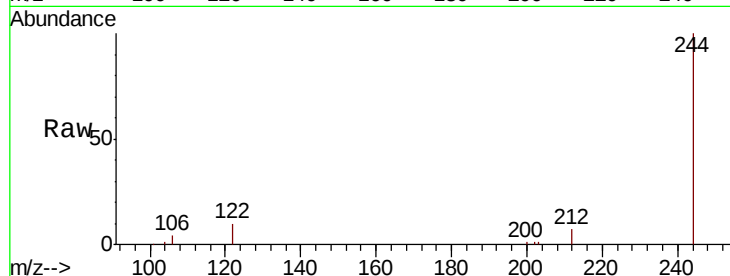
Tot Ion:244 Resp: 39279

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.2 7.4 11.2

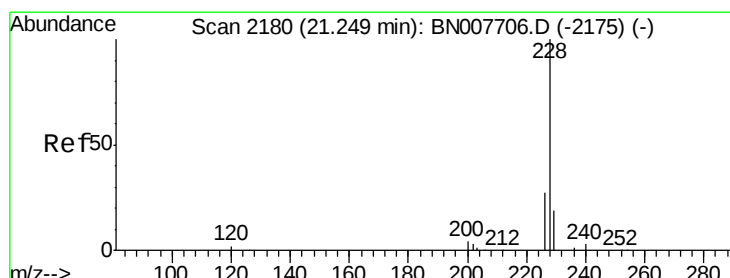
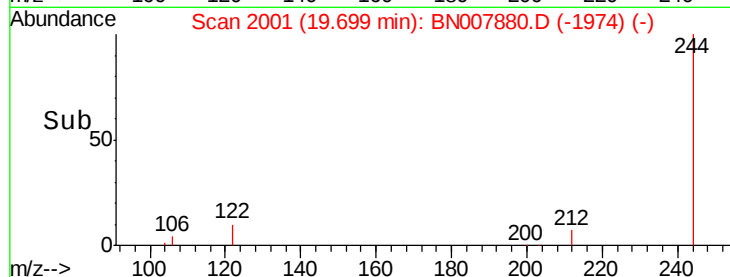
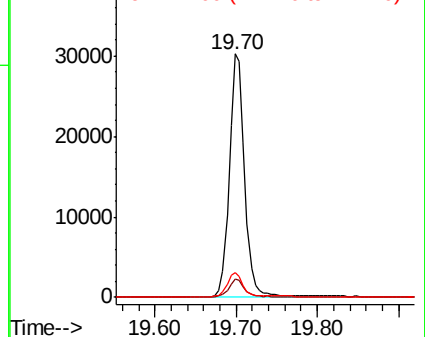


Abundance

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: 0.424 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

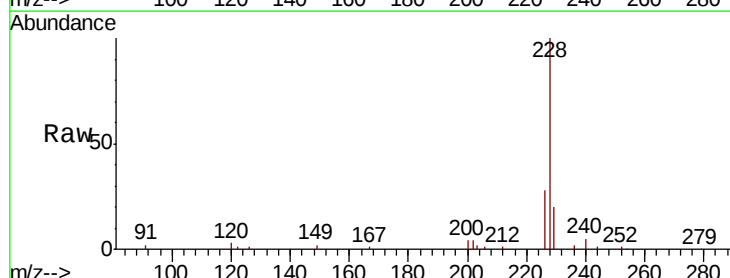
Tgt Ion:228 Resp: 58169

Ion Ratio Lower Upper

228 100

226 28.4 22.1 33.1

229 19.8 15.8 23.6

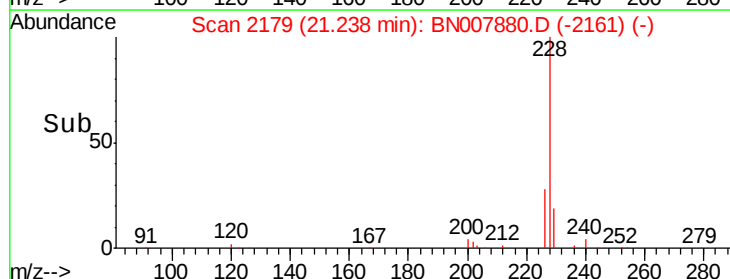
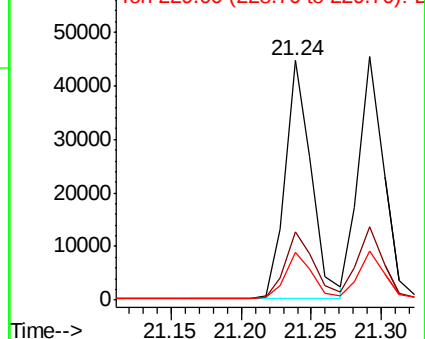


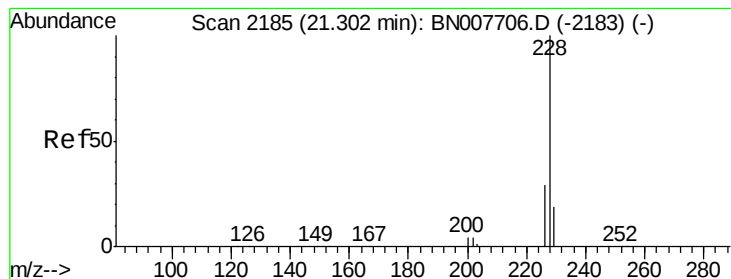
Abundance

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: 0.423 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

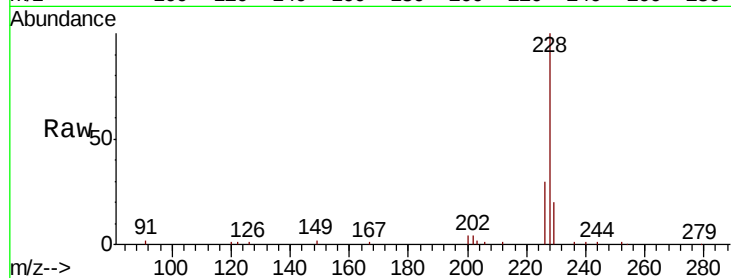
Tot Ion:228 Resp: 56620

Ion Ratio Lower Upper

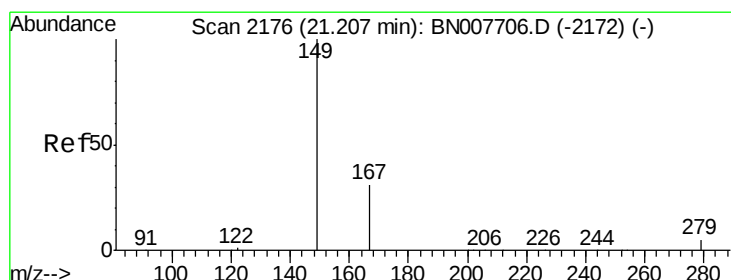
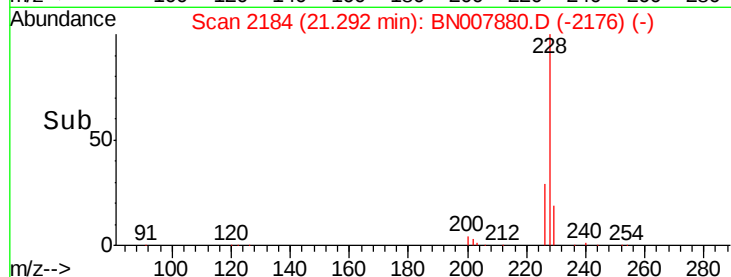
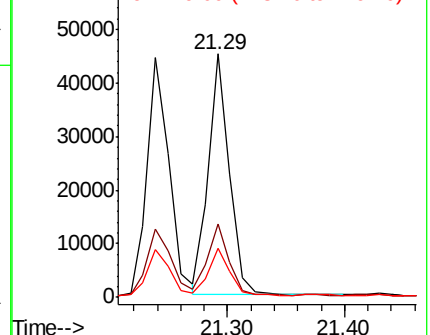
228 100

226 30.0 23.9 35.9

229 19.9 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: 0.410 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

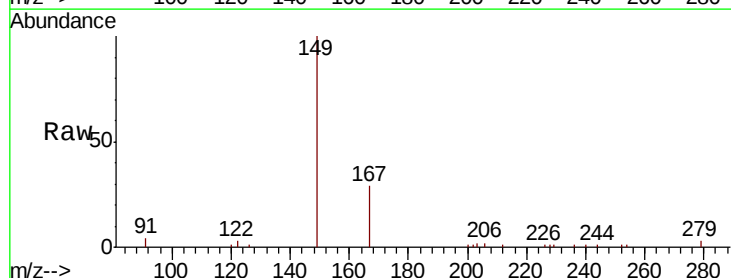
Tgt Ion:149 Resp: 28922

Ion Ratio Lower Upper

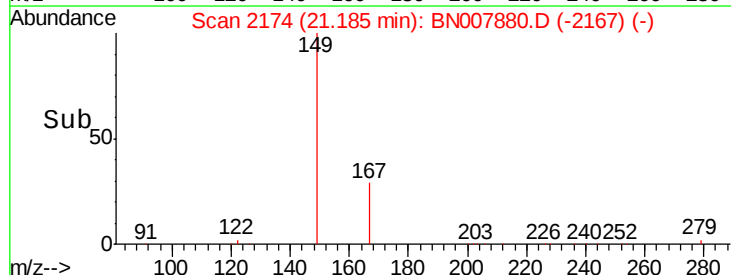
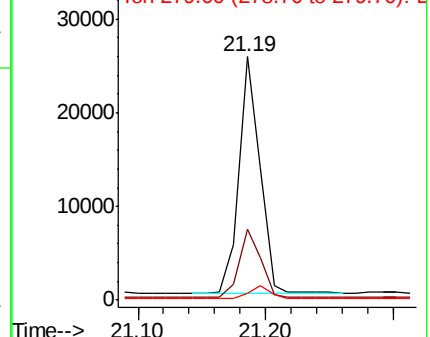
149 100

167 29.5 23.7 35.5

279 5.3 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

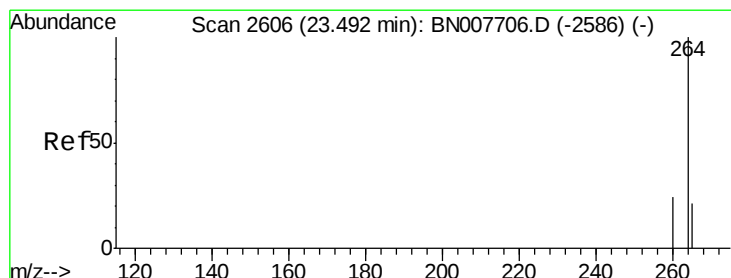
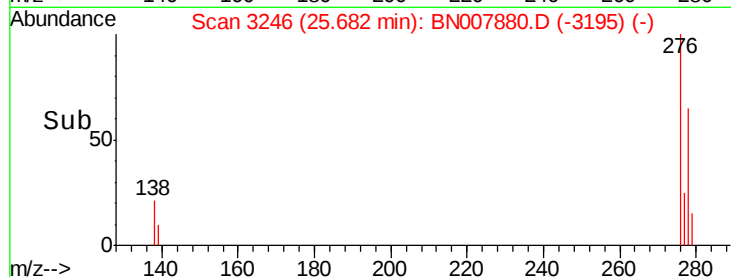
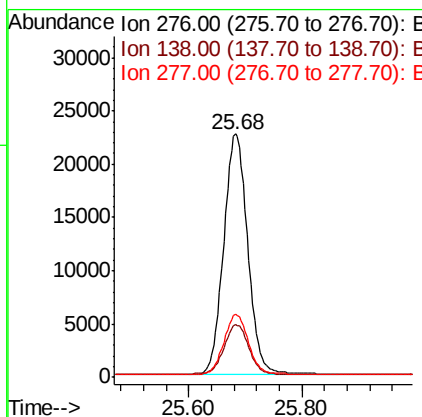
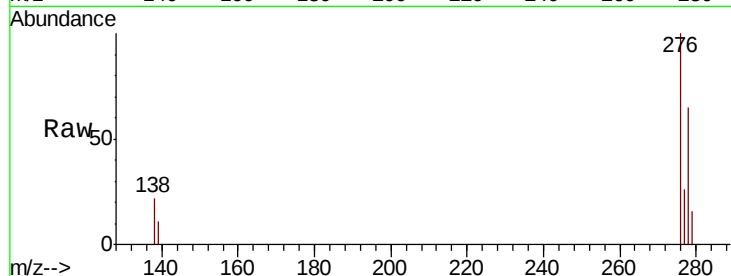




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.398 ng  
 RT: 25.68 min Scan# 3246  
 Delta R.T. -0.02 min  
 Lab File: BN007880.D  
 Acq: 26 Sep 2019 08:05

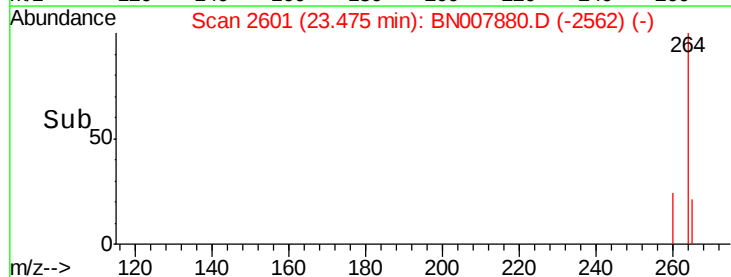
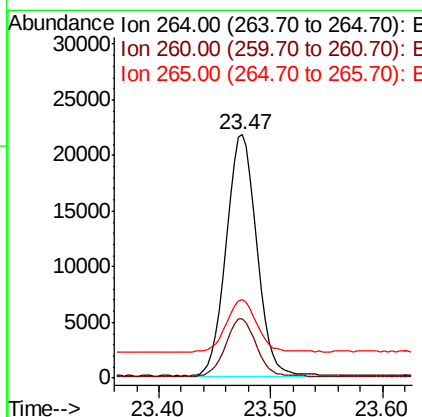
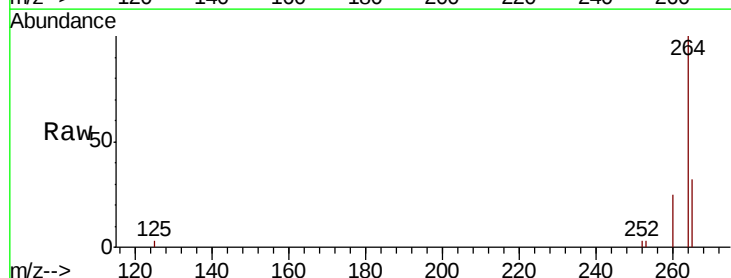
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Tot Ion:276 Resp: 66649  
 Ion Ratio Lower Upper  
 276 100  
 138 21.7 17.1 25.7  
 277 24.7 20.0 30.0



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.47 min Scan# 2601  
 Delta R.T. -0.02 min  
 Lab File: BN007880.D  
 Acq: 26 Sep 2019 08:05

Tgt Ion:264 Resp: 40982  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.3 28.9  
 265 32.0 26.9 40.3

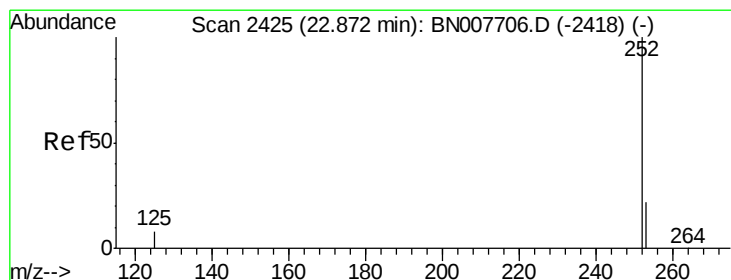
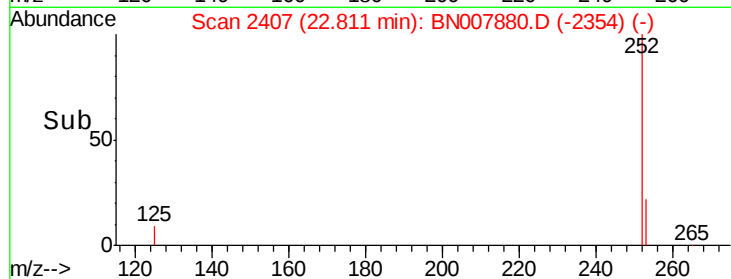
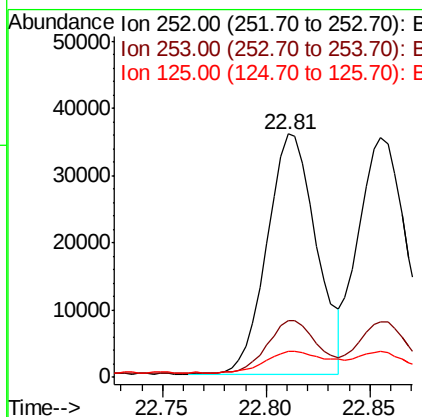
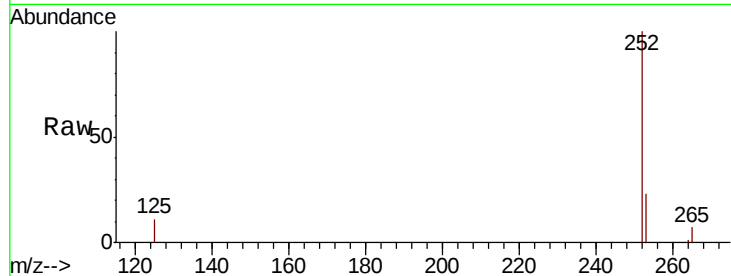




#35  
Benzo(b)fluoranthene  
Concen: 0.414 ng  
RT: 22.81 min Scan# 2407  
Delta R.T. -0.02 min  
Lab File: BN007880.D  
Acq: 26 Sep 2019 08:05

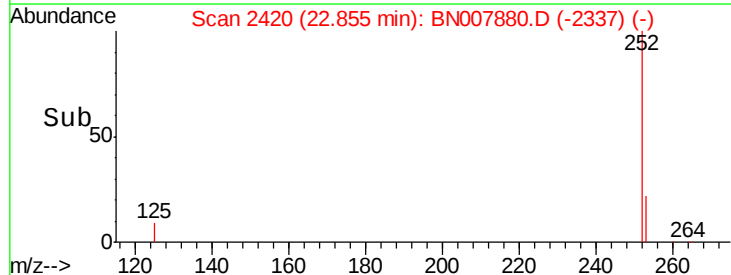
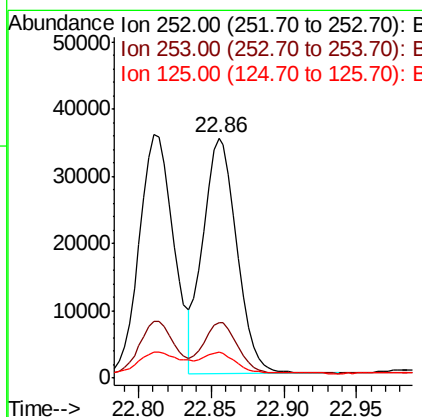
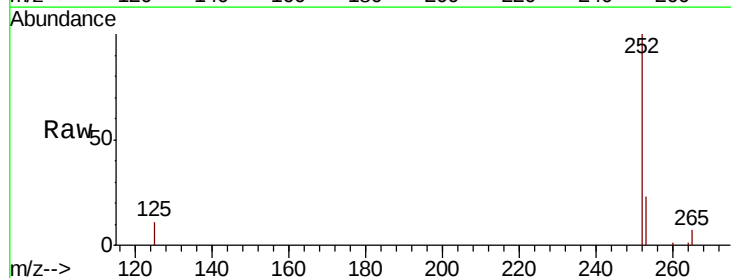
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tot Ion:252 Resp: 58857  
Ion Ratio Lower Upper  
252 100  
253 23.2 18.3 27.5  
125 10.7 8.2 12.4



#36  
Benzo(k)fluoranthene  
Concen: 0.406 ng  
RT: 22.86 min Scan# 2420  
Delta R.T. -0.02 min  
Lab File: BN007880.D  
Acq: 26 Sep 2019 08:05

Tgt Ion:252 Resp: 57052  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.5 27.7  
125 10.7 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.410 ng

RT: 23.38 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

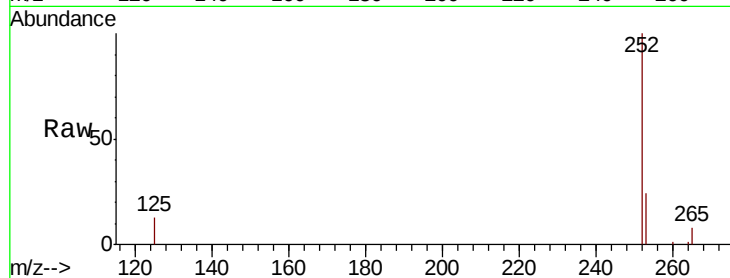
Tot Ion:252 Resp: 54819

Ion Ratio Lower Upper

252 100

253 23.7 18.6 27.8

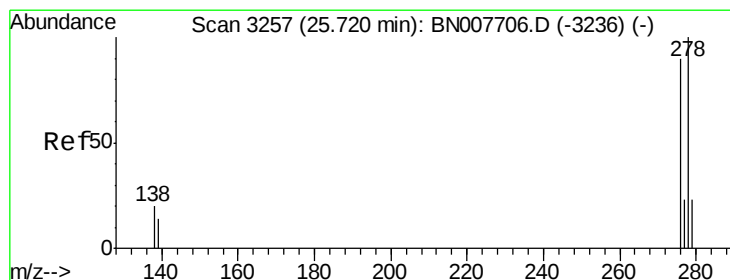
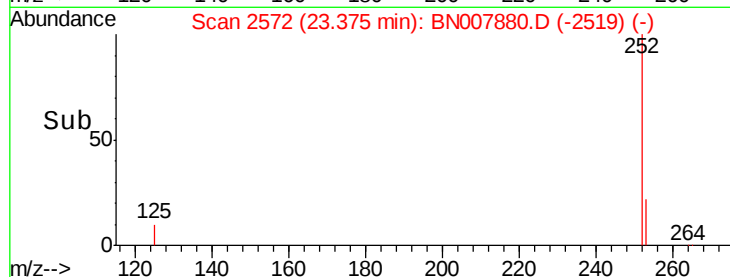
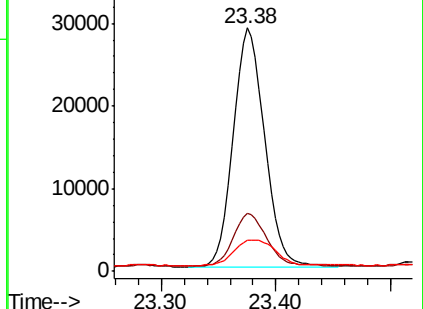
125 12.6 9.4 14.0



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: 0.394 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

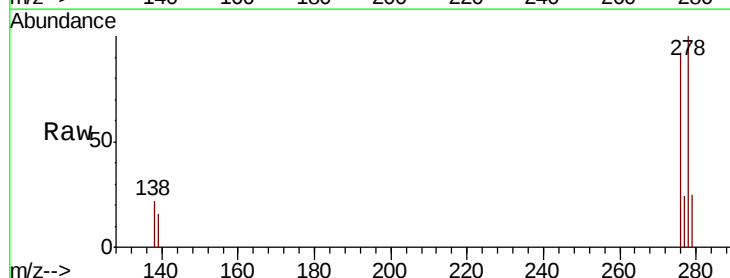
Tgt Ion:278 Resp: 53957

Ion Ratio Lower Upper

278 100

139 15.6 11.8 17.6

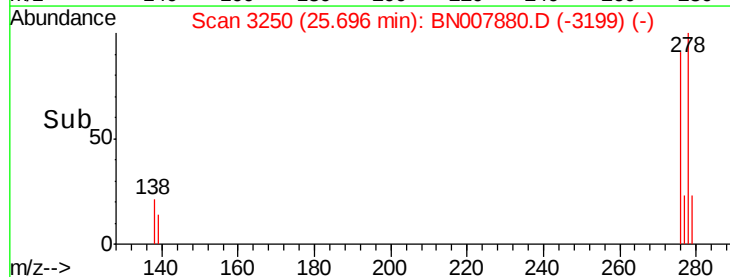
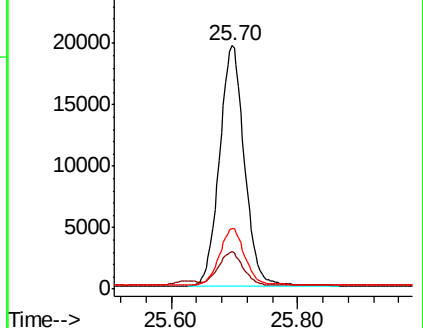
279 24.9 19.4 29.2

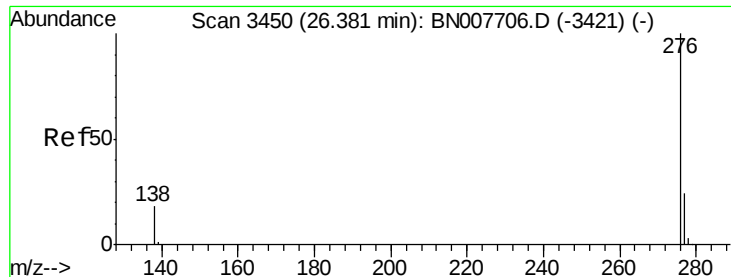


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.406 ng

RT: 26.35 min Scan# 3442

Delta R.T. -0.03 min

Lab File: BN007880.D

Acq: 26 Sep 2019 08:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

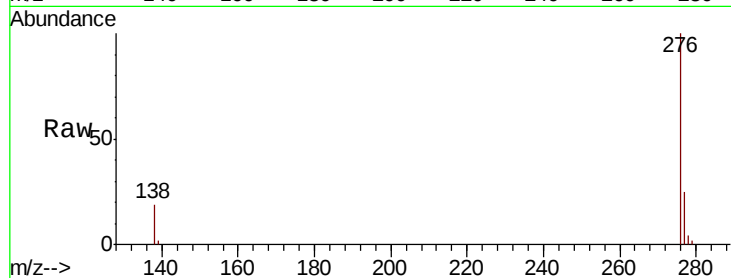
Tot Ion: 276 Resp: 54946

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 19.5 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

