

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN070519\  
 Data File : BN006705.D  
 Acq On : 05 Jul 2019 09:03  
 Operator : HP/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Jul 05 22:53:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN070219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 05:30:28 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 2676     | 0.40 | ng    | -0.03    |
| 7) Naphthalene-d8         | 10.36 | 136  | 10739    | 0.40 | ng    | -0.03    |
| 13) Acenaphthene-d10      | 14.24 | 164  | 6734     | 0.40 | ng    | -0.02    |
| 19) Phenanthrene-d10      | 17.00 | 188  | 16222    | 0.40 | ng    | -0.02    |
| 27) Chrysene-d12          | 21.24 | 240  | 16354    | 0.40 | ng    | -0.02    |
| 34) Perylene-d12          | 23.47 | 264  | 19285    | 0.40 | ng    | -0.04    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.22  | 112 | 2636  | 0.36 | ng | -0.02 |
| 5) Phenol-d6                | 6.81  | 99  | 3366  | 0.37 | ng | -0.02 |
| 8) Nitrobenzene-d5          | 8.77  | 82  | 2920  | 0.35 | ng | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 11.97 | 152 | 6554  | 0.41 | ng | -0.02 |
| 14) 2,4,6-Tribromophenol    | 15.77 | 330 | 1418  | 0.43 | ng | -0.02 |
| 15) 2-Fluorobiphenyl        | 12.86 | 172 | 9412  | 0.36 | ng | -0.02 |
| 25) Fluoranthene-d10        | 19.06 | 212 | 19432 | 0.42 | ng | -0.02 |
| 29) Terphenyl-d14           | 19.66 | 244 | 14358 | 0.38 | ng | -0.02 |

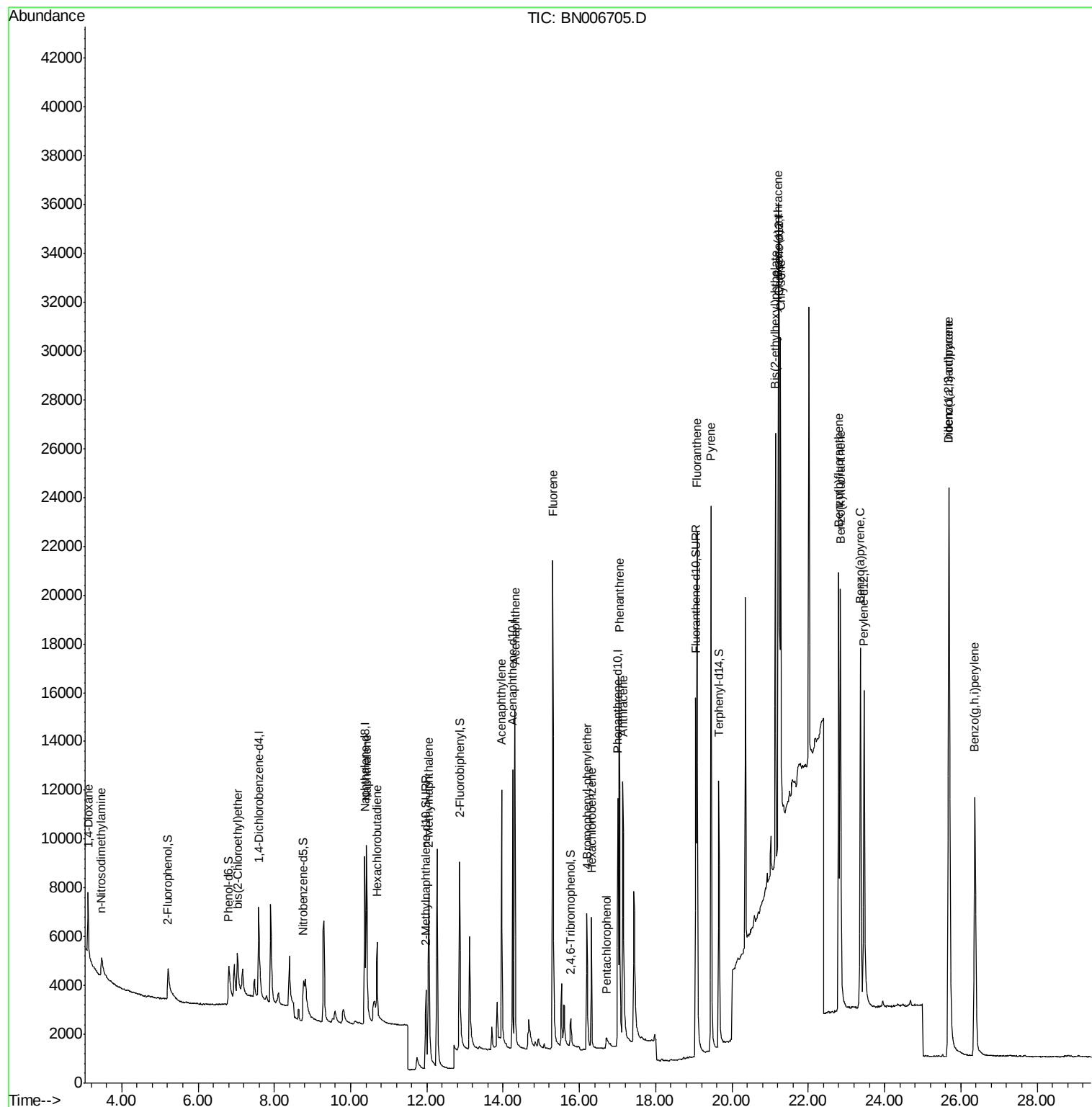
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.12  | 88  | 1785  | 0.427  | ng | 99   |
| 3) n-Nitrosodimethylamine      | 3.47  | 42  | 1193  | 0.378  | ng | # 85 |
| 6) bis(2-Chloroethyl)ether     | 7.03  | 93  | 3467  | 0.446  | ng | # 83 |
| 9) Naphthalene                 | 10.41 | 128 | 11566 | 0.394  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.69 | 225 | 2446  | 0.411  | ng | # 99 |
| 12) 2-Methylnaphthalene        | 12.05 | 142 | 7669  | 0.367  | ng | 98   |
| 16) Acenaphthylene             | 13.96 | 152 | 12847 | 0.383  | ng | 99   |
| 17) Acenaphthene               | 14.31 | 154 | 8287  | 0.387  | ng | 97   |
| 18) Fluorene                   | 15.30 | 166 | 10635 | 0.400  | ng | 100  |
| 20) 4-Bromophenyl-phenylether  | 16.20 | 248 | 3510  | 0.367  | ng | 98   |
| 21) Hexachlorobenzene          | 16.31 | 284 | 4474  | 0.393  | ng | 99   |
| 22) Pentachlorophenol          | 16.72 | 266 | 689   | 0.547  | ng | 94   |
| 23) Phenanthrene               | 17.05 | 178 | 17324 | 0.371  | ng | 100  |
| 24) Anthracene                 | 17.14 | 178 | 15511 | 0.367  | ng | 100  |
| 26) Fluoranthene               | 19.09 | 202 | 22414 | 0.408  | ng | 100  |
| 28) Pyrene                     | 19.45 | 202 | 23428 | 0.358  | ng | 99   |
| 30) Benzo(a)anthracene         | 21.22 | 228 | 20921 | 0.371  | ng | 98   |
| 31) Chrysene                   | 21.28 | 228 | 22211 | 0.382  | ng | 97   |
| 32) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 14070 | 0.084  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.69 | 276 | 28911 | 0.416  | ng | 98   |
| 35) Benzo(b)fluoranthene       | 22.80 | 252 | 22648 | 0.366  | ng | 99   |
| 36) Benzo(k)fluoranthene       | 22.85 | 252 | 25508 | 0.380  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.37 | 252 | 22747 | 0.379  | ng | 99   |
| 38) Dibenzo(a,h)anthracene     | 25.69 | 278 | 22852 | 0.384  | ng | 98   |
| 39) Benzo(g,h,i)perylene       | 26.37 | 276 | 24023 | 0.392  | ng | 99   |

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

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Quant Time: Jul 05 22:53:52 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN070219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 05 05:30:28 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.59 min Scan# 566

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

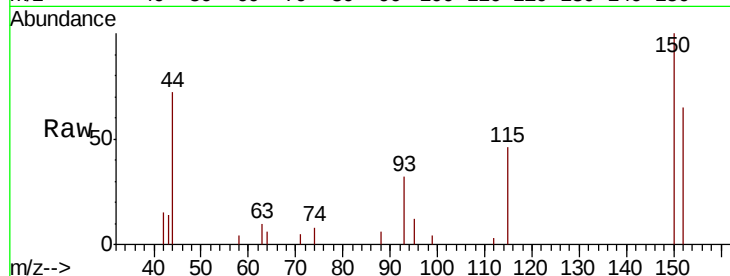
Tgt Ion:152 Resp: 2676

Ion Ratio Lower Upper

152 100

150 154.5 120.6 181.0

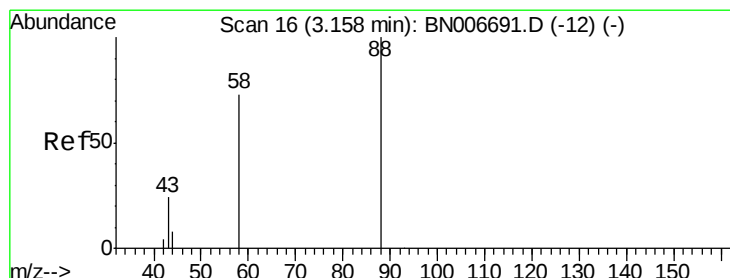
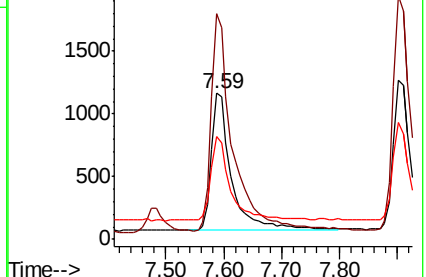
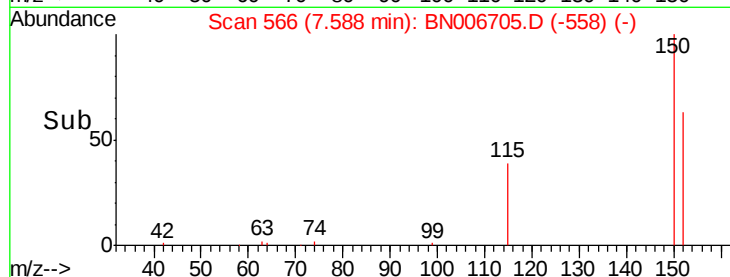
115 70.4 51.0 76.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.427 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

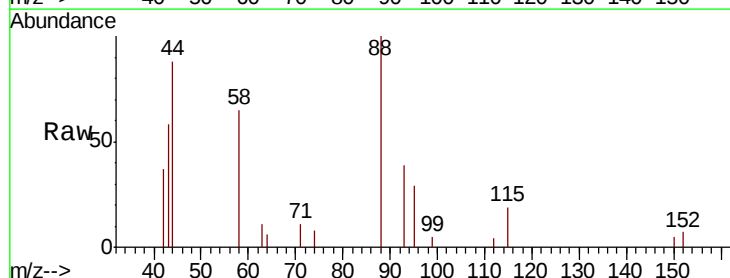
Tgt Ion: 88 Resp: 1785

Ion Ratio Lower Upper

88 100

58 74.8 61.1 91.7

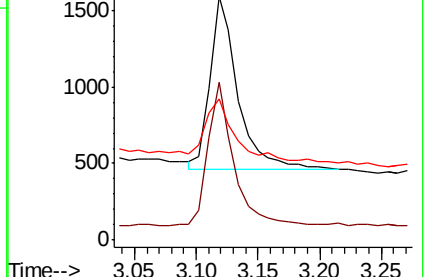
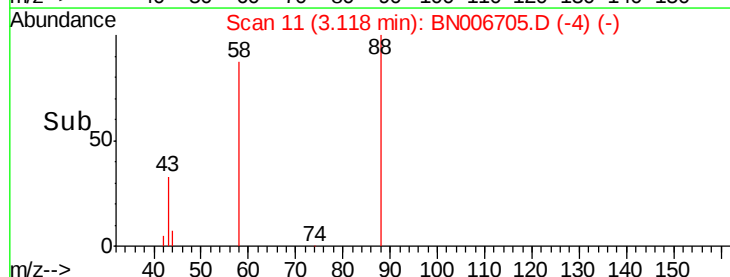
43 40.3 32.4 48.6



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: 0.378 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

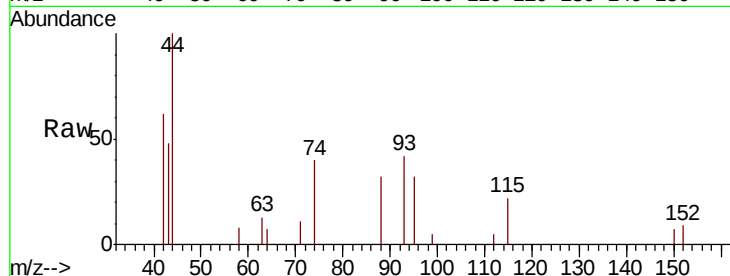
Tgt Ion: 42 Resp: 1193

Ion Ratio Lower Upper

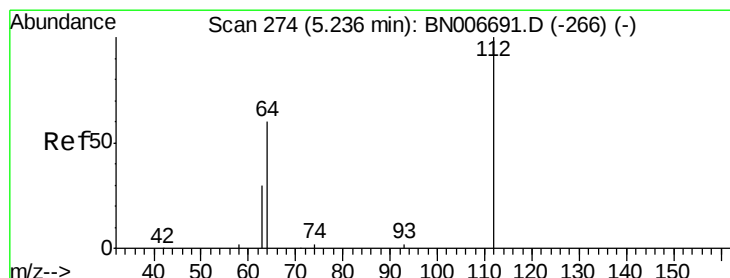
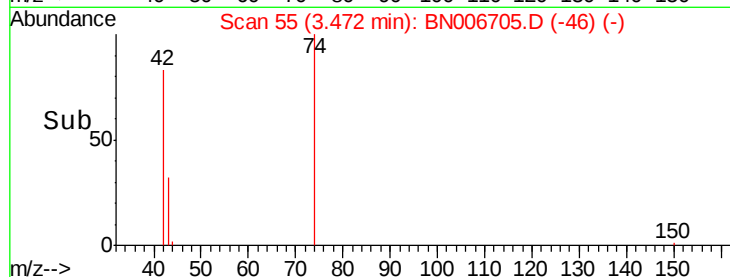
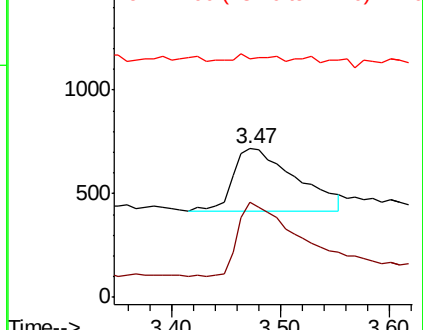
42 100

74 114.8 106.6 160.0

44 5.7 8.0 12.0#



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: 0.363 ng

RT: 5.22 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

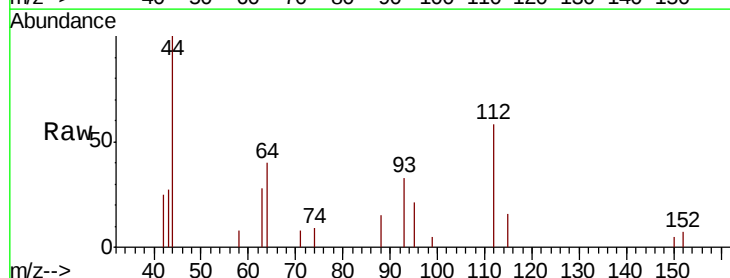
Tgt Ion: 112 Resp: 2636

Ion Ratio Lower Upper

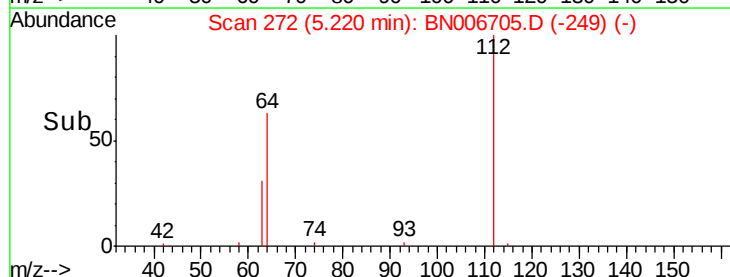
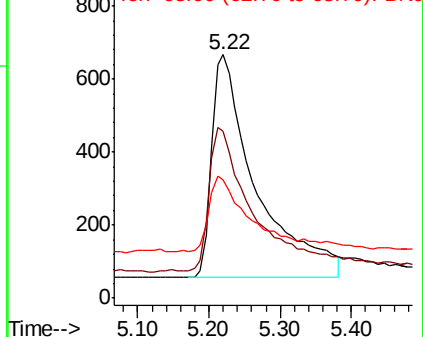
112 100

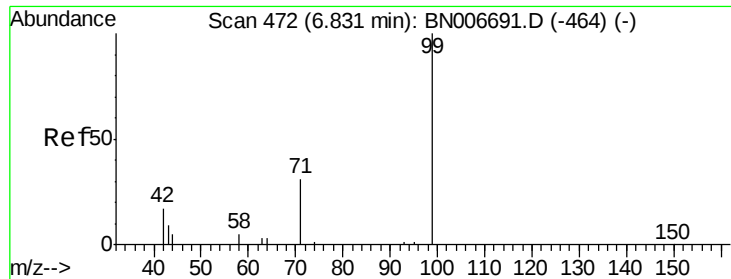
64 64.2 49.8 74.6

63 34.4 25.8 38.6



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





#5

Phenol-d6

Concen: 0.366 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

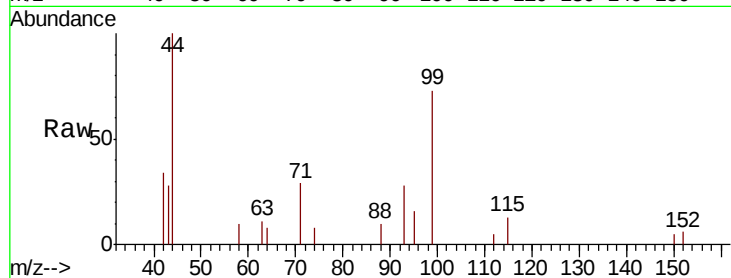
Tgt Ion: 99 Resp: 3366

Ion Ratio Lower Upper

99 100

42 21.7 16.6 25.0

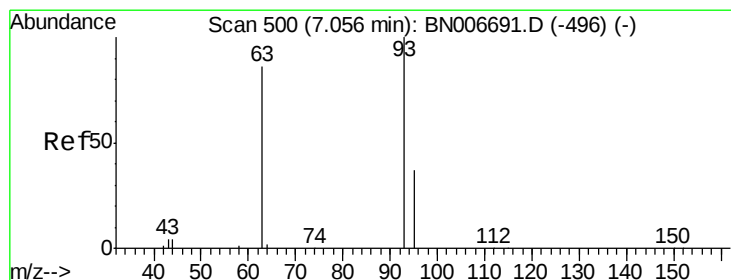
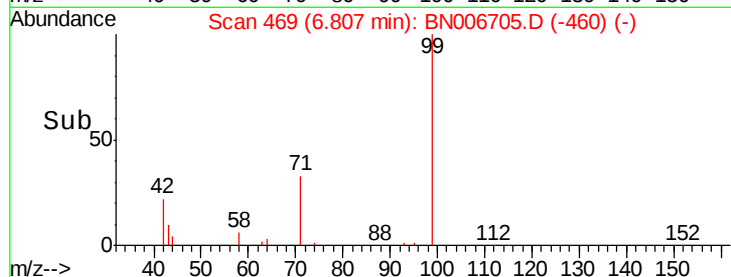
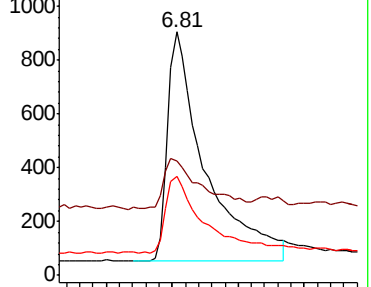
71 33.6 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.446 ng

RT: 7.03 min Scan# 497

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

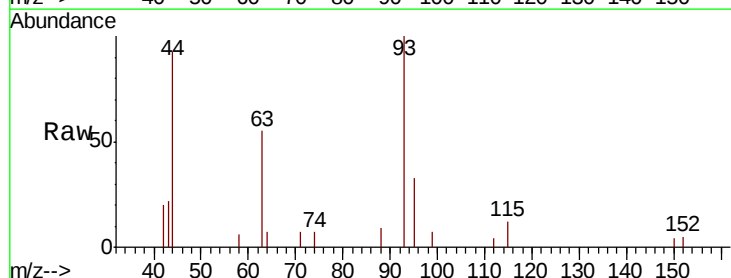
Tgt Ion: 93 Resp: 3467

Ion Ratio Lower Upper

93 100

63 57.1 58.6 87.8#

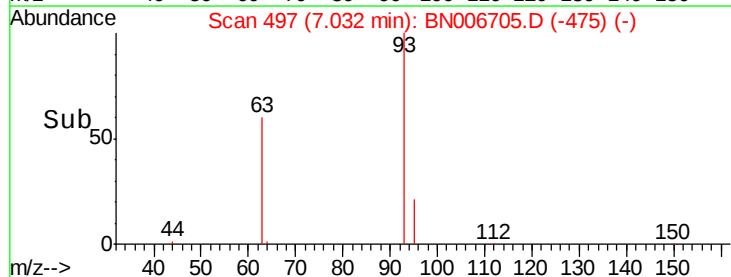
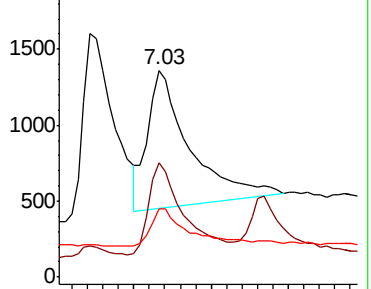
95 27.5 28.3 42.5#



Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006691.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006691.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

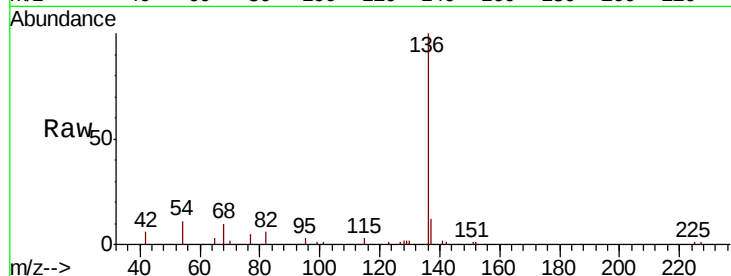
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 10739 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.0  | 9.3   | 13.9  |
| 54       | 11.4  | 8.4   | 12.6  |
| 68       | 10.2  | 6.8   | 10.2# |

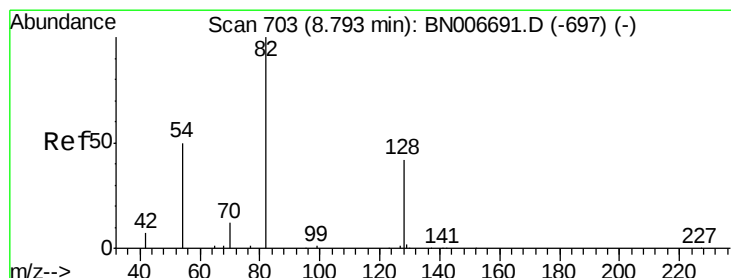
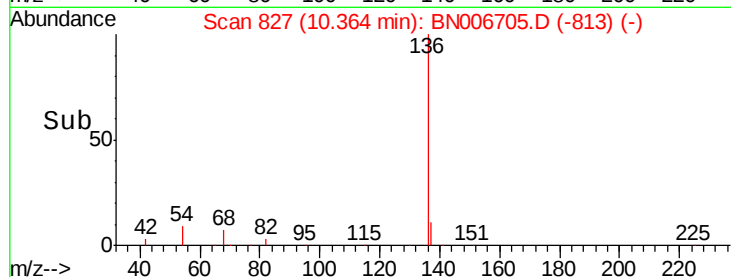
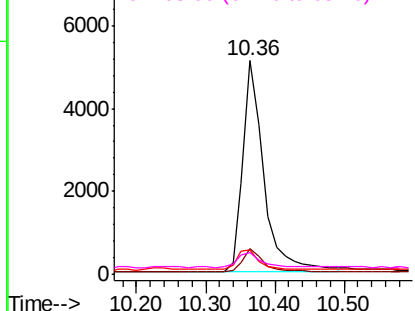


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.355 ng

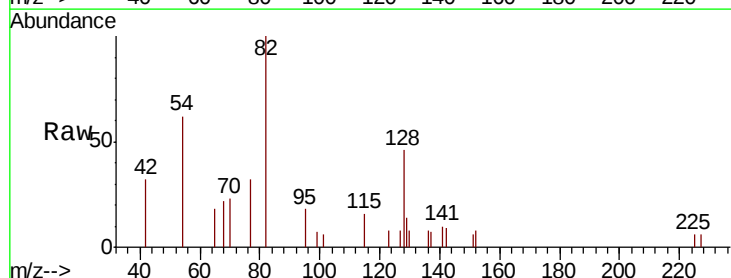
RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

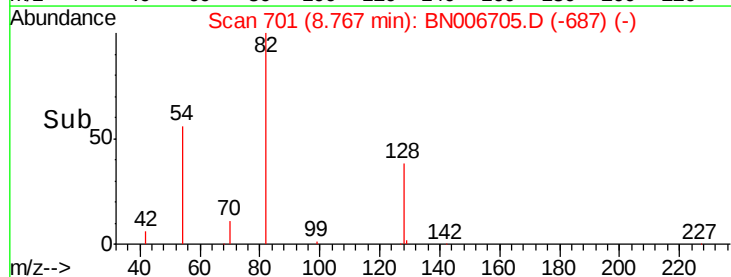
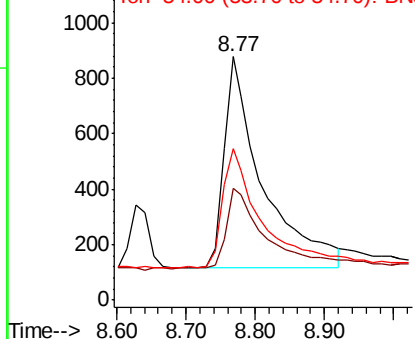
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2920  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.8  | 36.1  | 54.1  |
| 54       | 62.1  | 44.5  | 66.7  |



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: 0.394 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

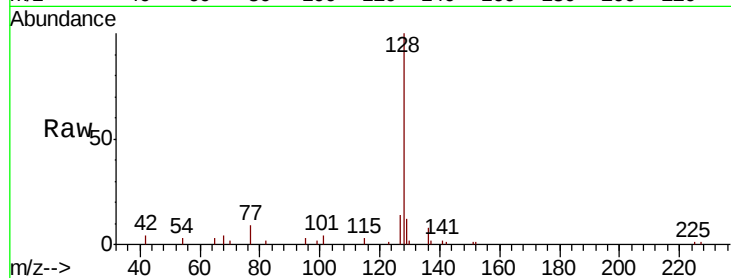
Tgt Ion:128 Resp: 11566

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

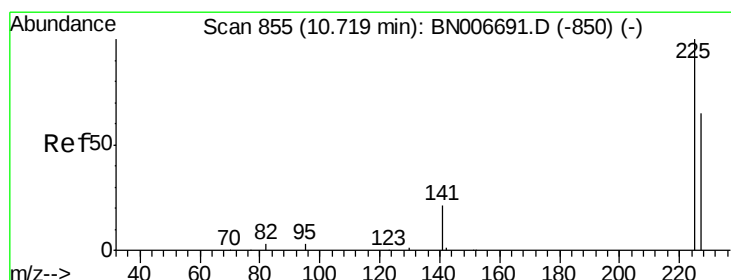
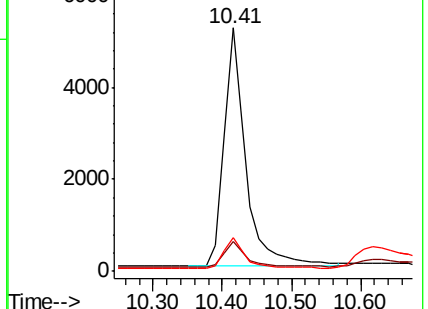
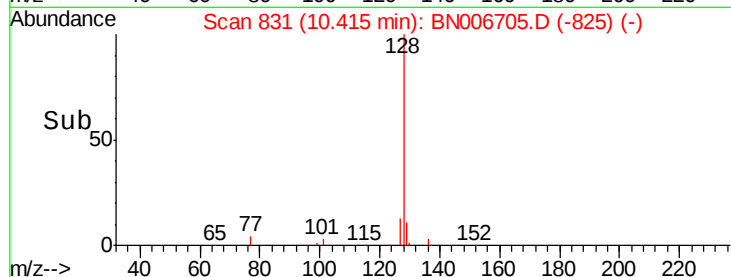
127 14.1 11.0 16.4



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: 0.411 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

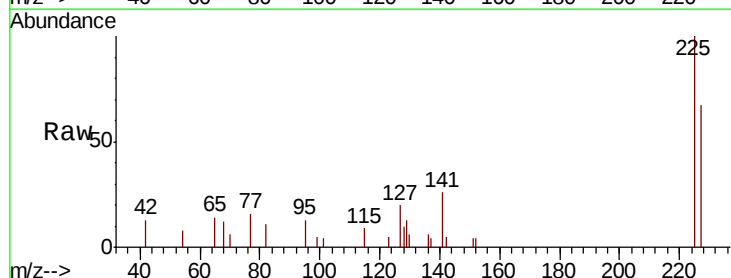
Tgt Ion:225 Resp: 2446

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

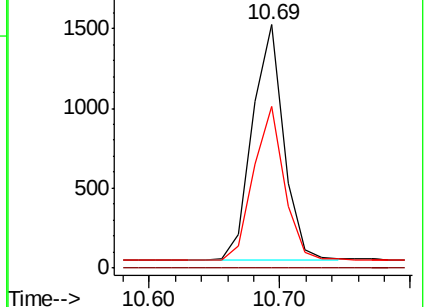
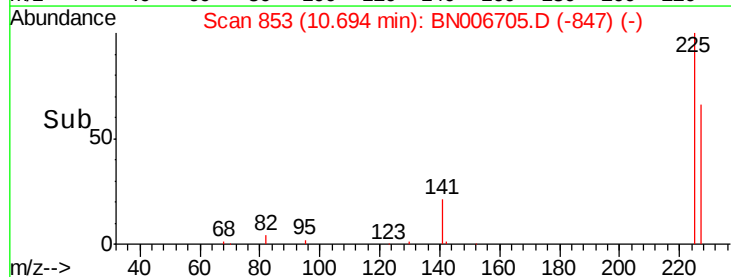
227 64.2 50.9 76.3

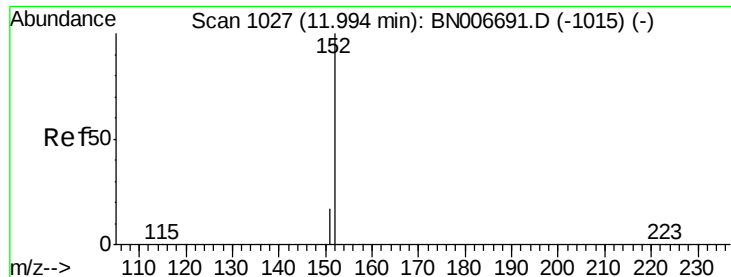


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

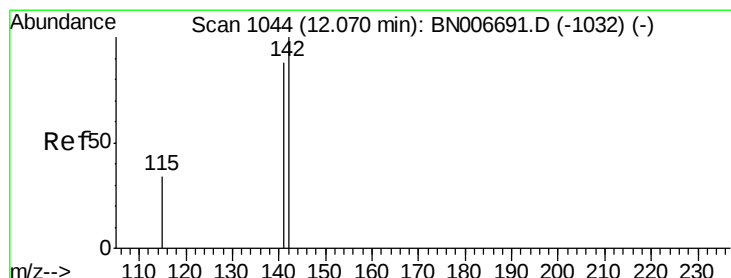
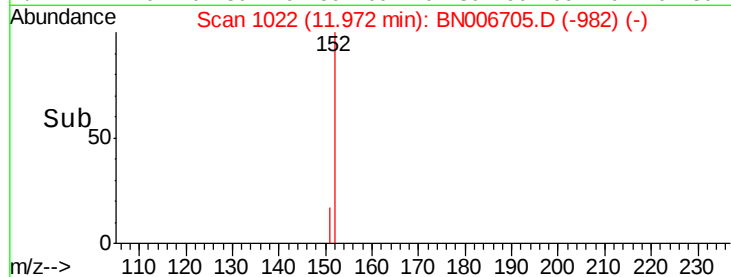
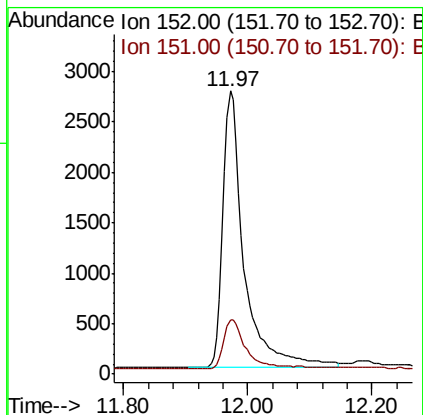
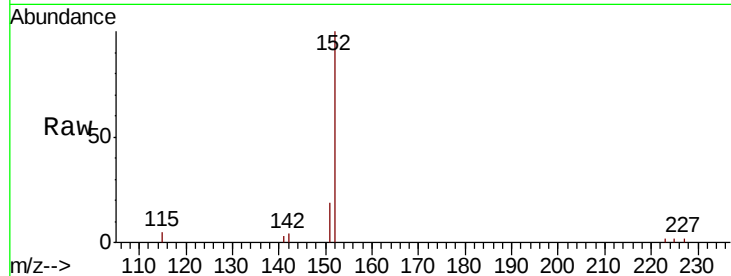




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.406 ng  
 RT: 11.97 min Scan# 1022  
 Delta R.T. -0.02 min  
 Lab File: BN006705.D  
 Acq: 05 Jul 2019 09:03

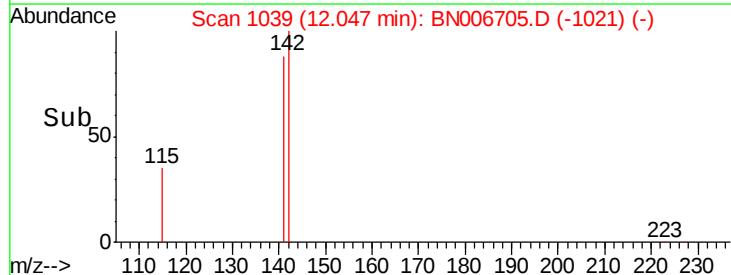
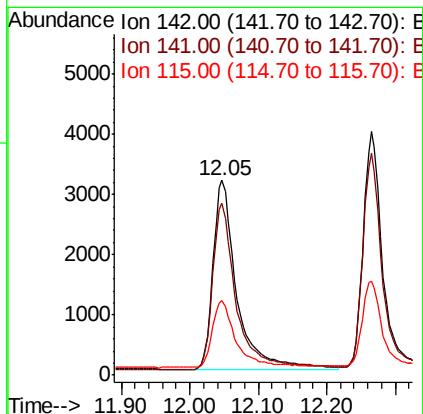
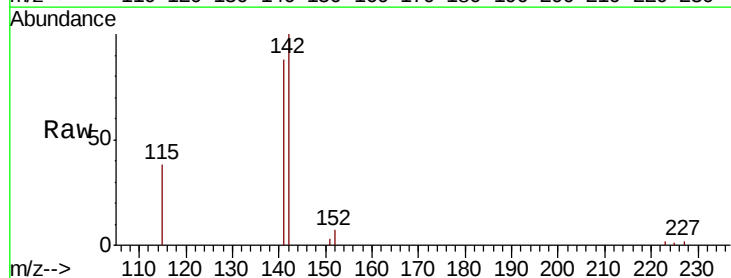
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:152 Resp: 6554  
 Ion Ratio Lower Upper  
 152 100  
 151 19.3 14.9 22.3



#12  
 2-Methylnaphthalene  
 Concen: 0.367 ng  
 RT: 12.05 min Scan# 1039  
 Delta R.T. -0.02 min  
 Lab File: BN006705.D  
 Acq: 05 Jul 2019 09:03

Tgt Ion:142 Resp: 7669  
 Ion Ratio Lower Upper  
 142 100  
 141 88.4 70.3 105.5  
 115 38.4 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

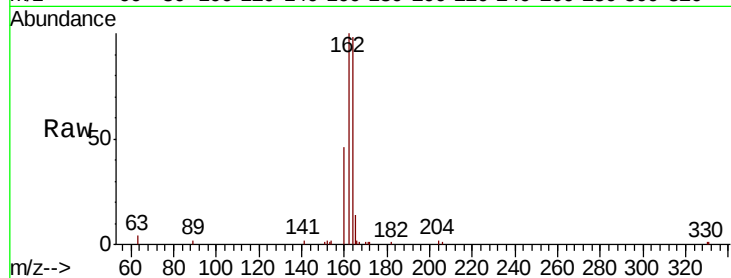
Tgt Ion:164 Resp: 6734

Ion Ratio Lower Upper

164 100

162 101.8 80.8 121.2

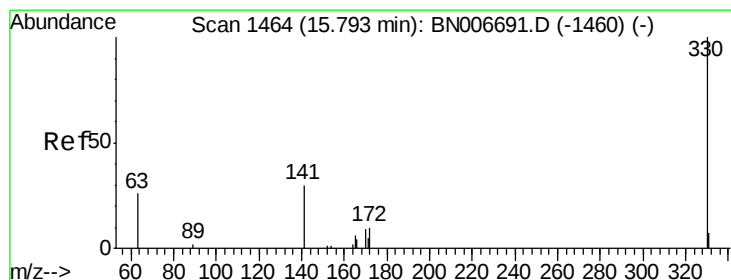
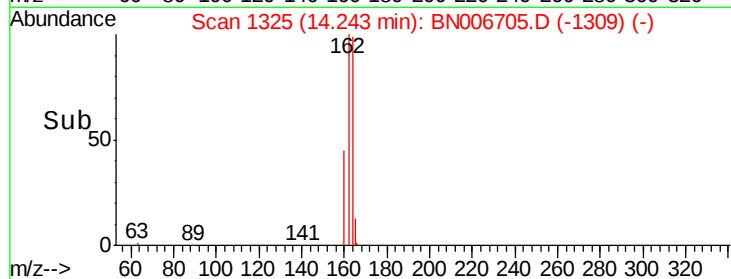
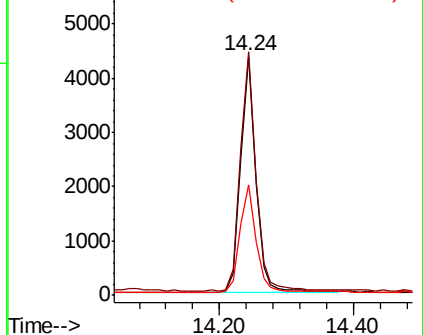
160 46.5 37.0 55.6



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: 0.428 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

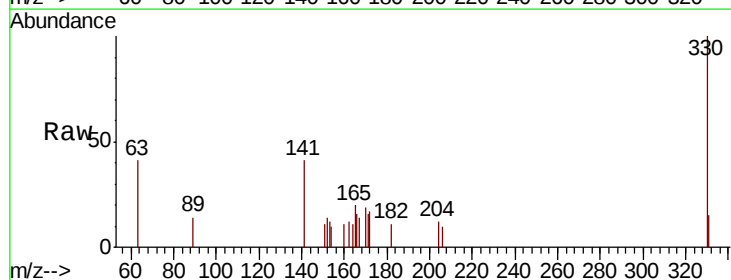
Tgt Ion:330 Resp: 1418

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

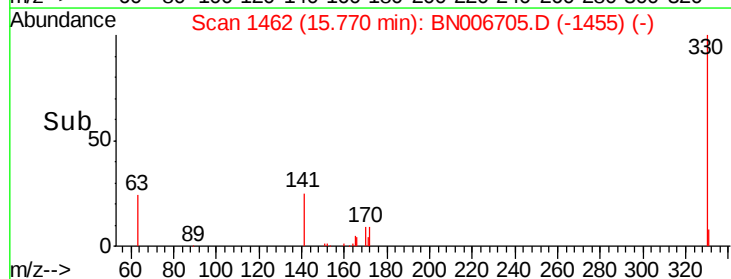
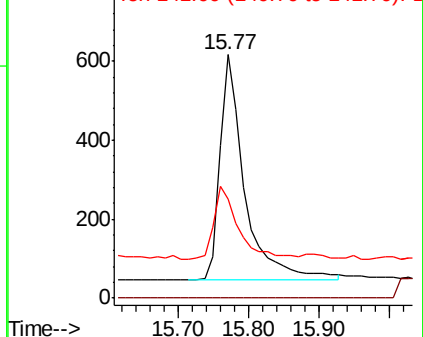
141 30.7 24.8 37.2



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

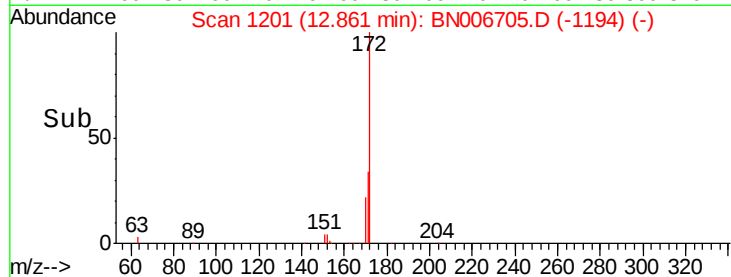
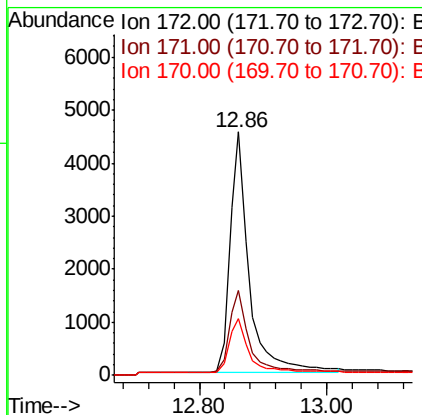
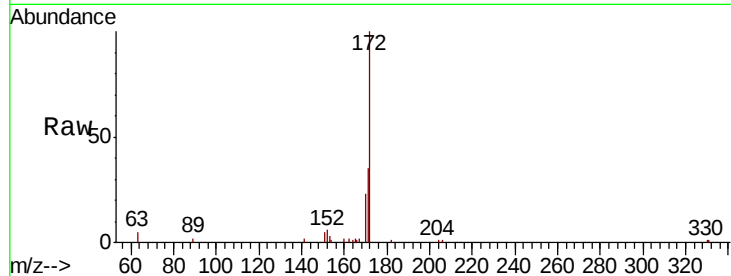




#15  
2-Fluorobiphenyl  
Concen: 0.357 ng  
RT: 12.86 min Scan# 1201  
Delta R.T. -0.02 min  
Lab File: BN006705.D  
Acq: 05 Jul 2019 09:03

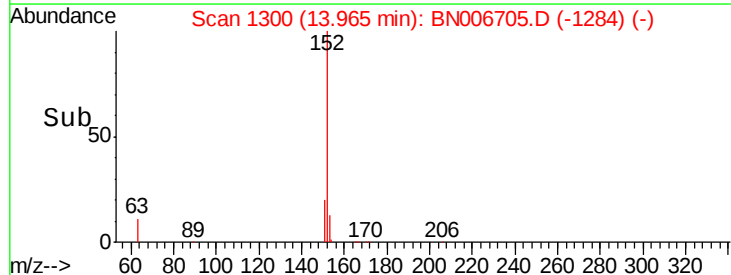
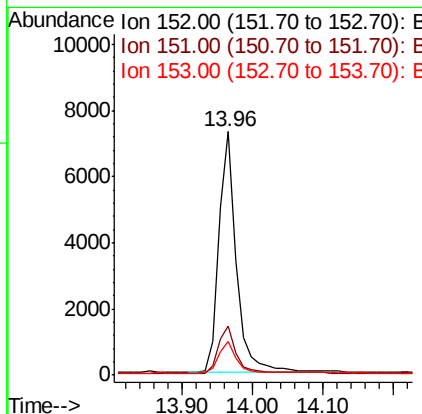
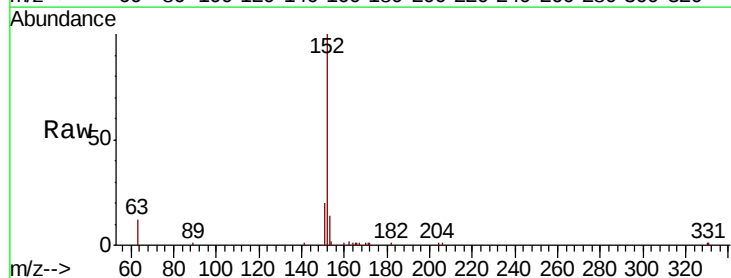
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:172 Resp: 9412  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.8 41.6  
170 23.4 18.9 28.3



#16  
Acenaphthylene  
Concen: 0.383 ng  
RT: 13.96 min Scan# 1300  
Delta R.T. -0.02 min  
Lab File: BN006705.D  
Acq: 05 Jul 2019 09:03

Tgt Ion:152 Resp: 12847  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.7 23.5  
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

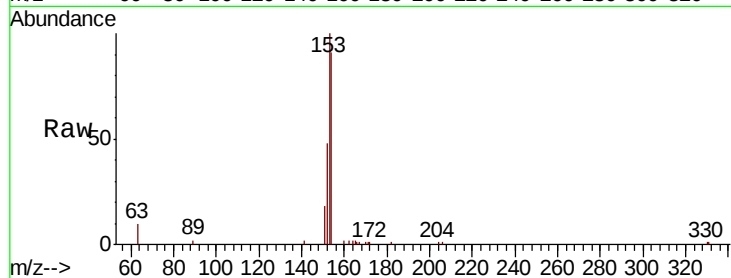
Tgt Ion:154 Resp: 8287

Ion Ratio Lower Upper

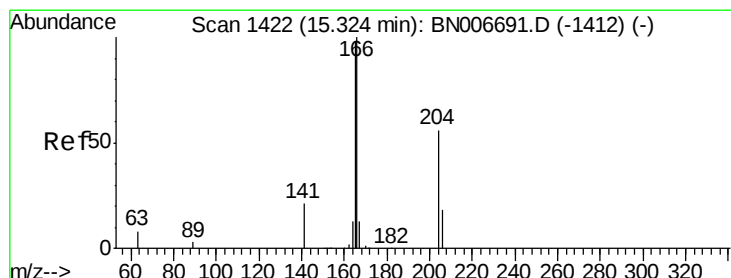
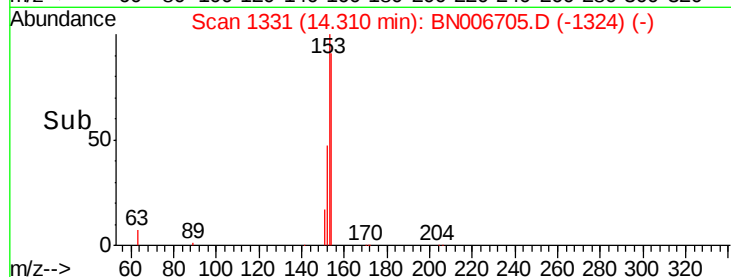
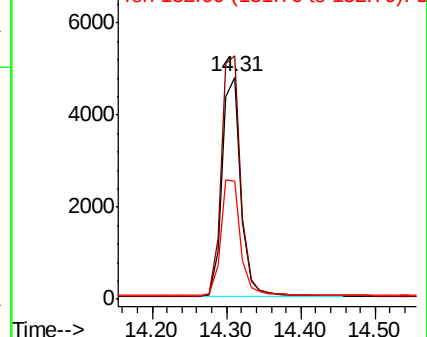
154 100

153 114.3 88.9 133.3

152 55.5 42.8 64.2



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: 0.400 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

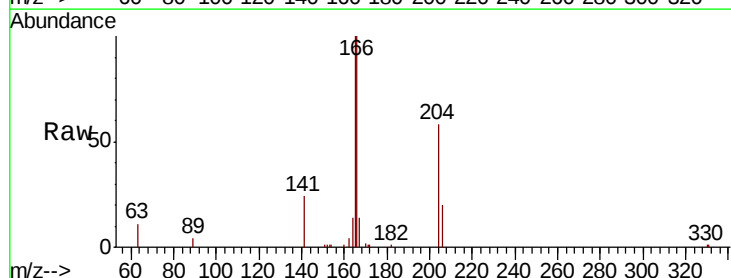
Tgt Ion:166 Resp: 10635

Ion Ratio Lower Upper

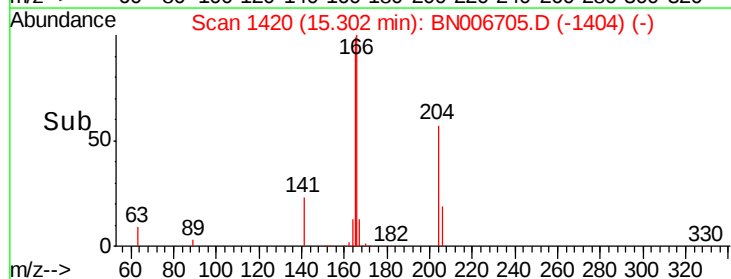
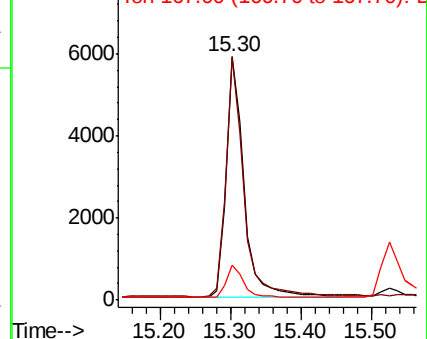
166 100

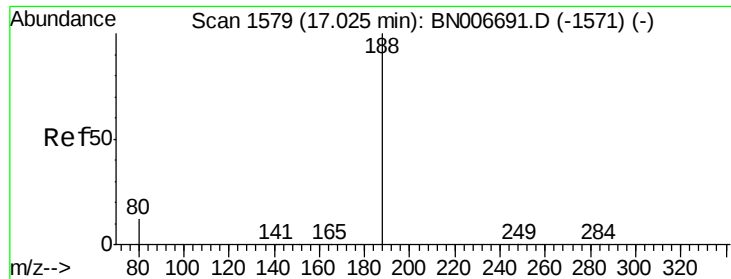
165 97.9 78.0 117.0

167 13.4 10.7 16.1



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: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

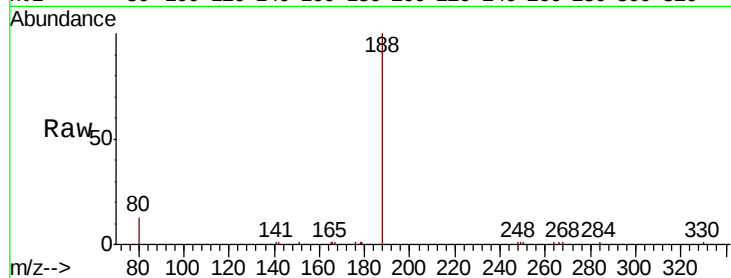
Tgt Ion:188 Resp: 16222

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

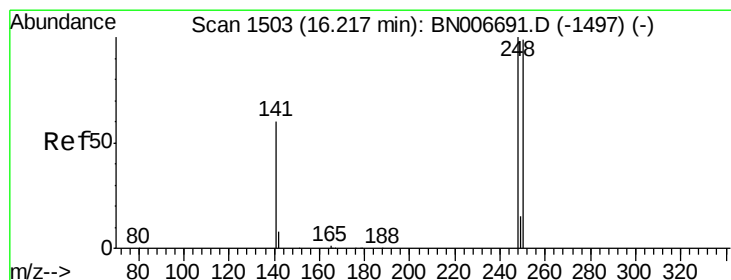
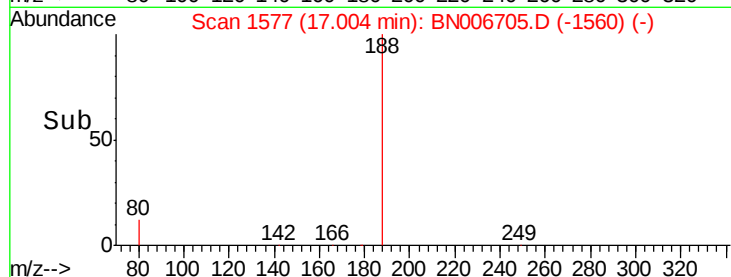
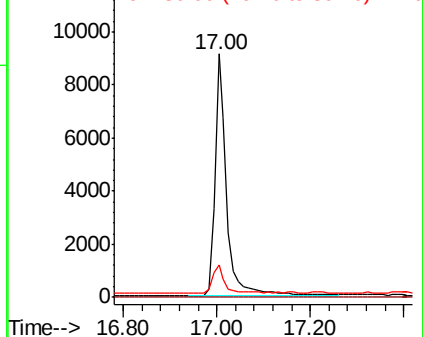
80 13.3 10.3 15.5



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: 0.367 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

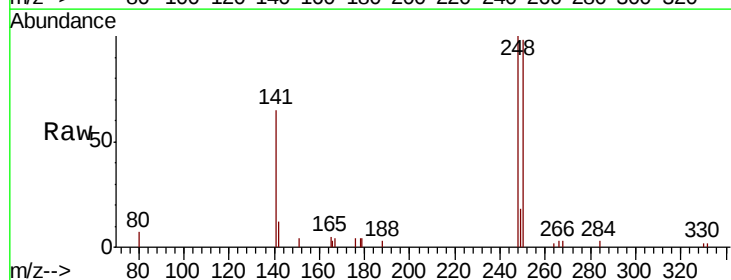
Tgt Ion:248 Resp: 3510

Ion Ratio Lower Upper

248 100

250 97.9 79.0 118.6

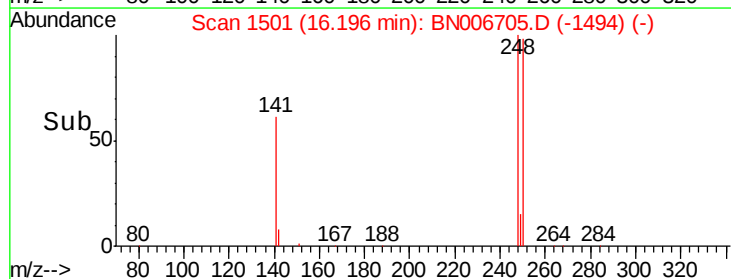
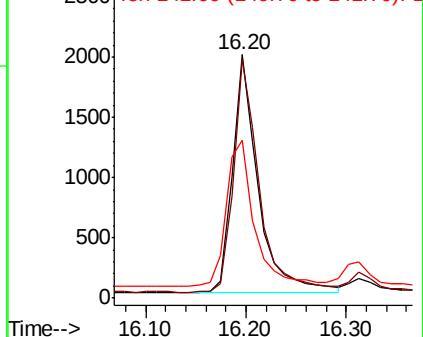
141 64.8 50.2 75.4



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

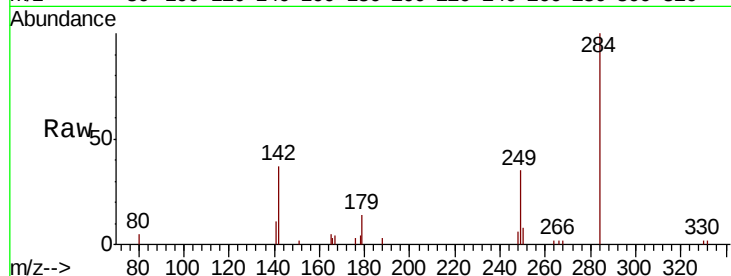




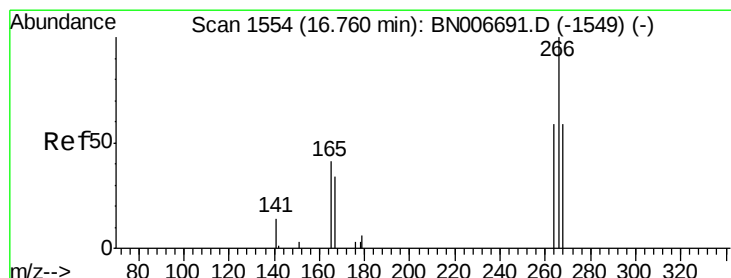
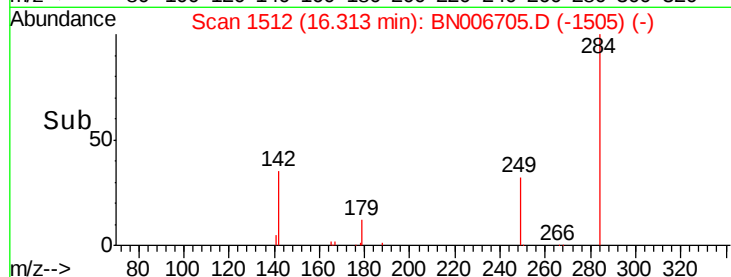
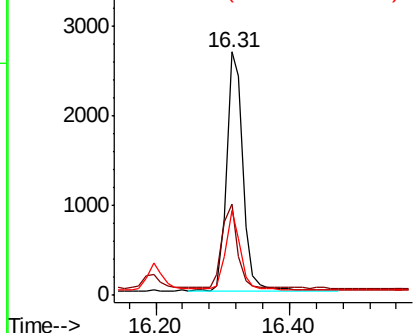
#21  
Hexachlorobenzene  
Concen: 0.393 ng  
RT: 16.31 min Scan# 1512  
Delta R.T. -0.02 min  
Lab File: BN006705.D  
Acq: 05 Jul 2019 09:03

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion: 284 Resp: 4474  
Ion Ratio Lower Upper  
284 100  
142 33.1 26.9 40.3  
249 30.1 24.4 36.6

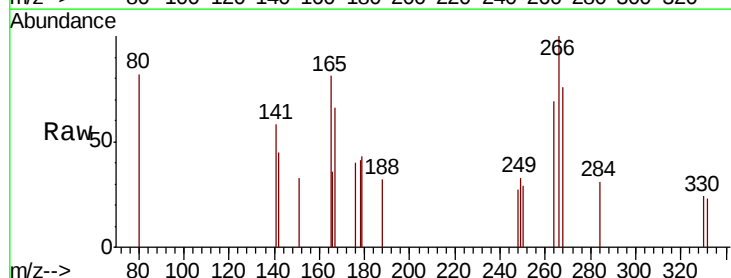


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

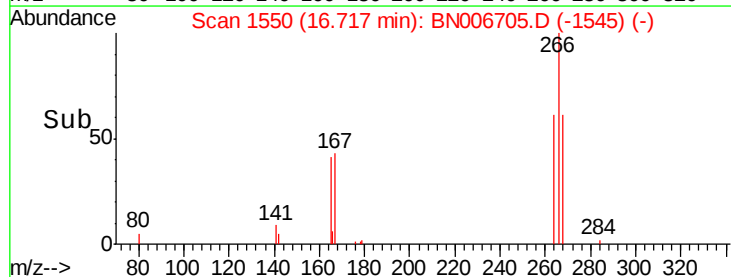
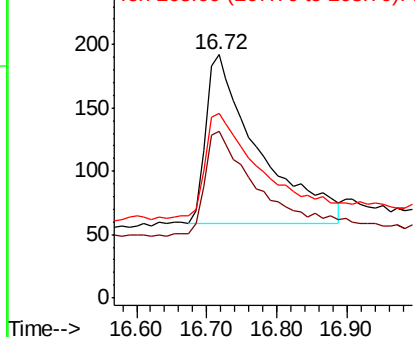


#22  
Pentachlorophenol  
Concen: 0.547 ng  
RT: 16.72 min Scan# 1550  
Delta R.T. -0.04 min  
Lab File: BN006705.D  
Acq: 05 Jul 2019 09:03

Tgt Ion: 266 Resp: 689  
Ion Ratio Lower Upper  
266 100  
264 68.8 57.6 86.4  
268 76.0 66.6 99.8



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: 0.371 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

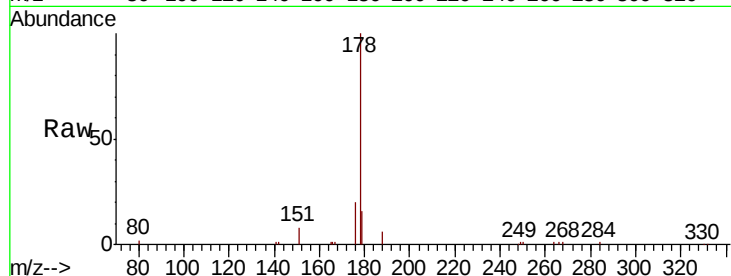
Tgt Ion:178 Resp: 17324

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

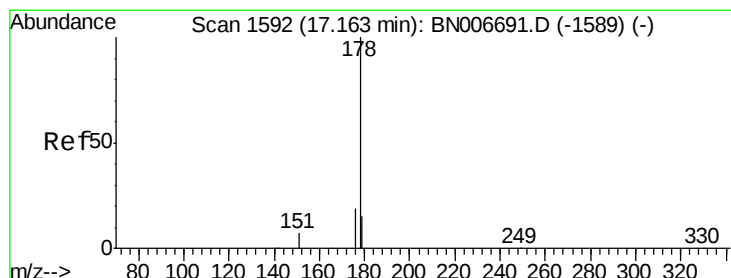
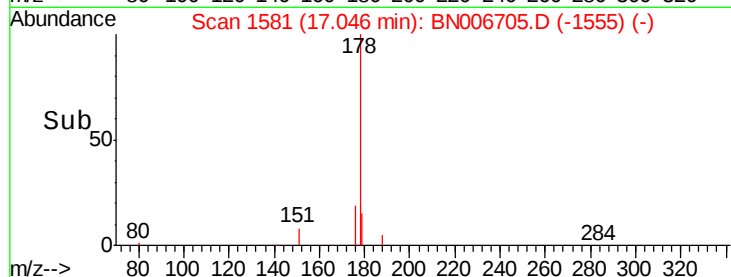
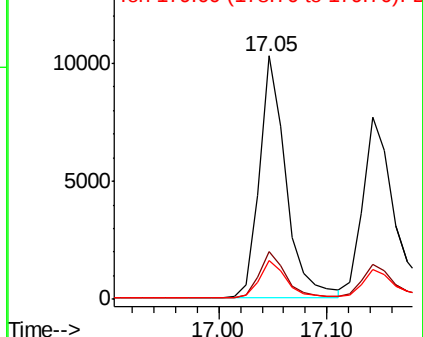
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.367 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

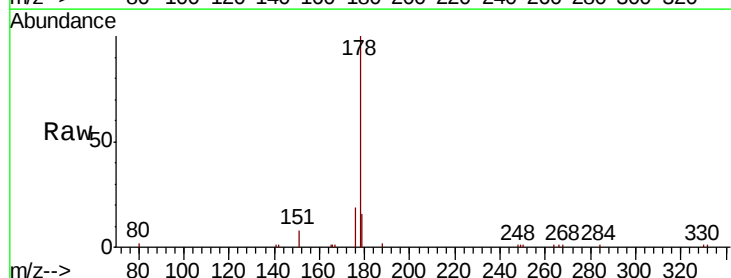
Tgt Ion:178 Resp: 15511

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

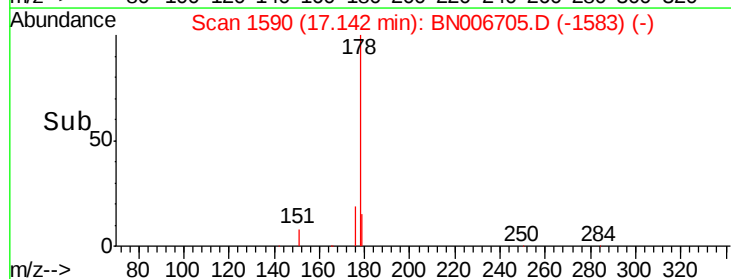
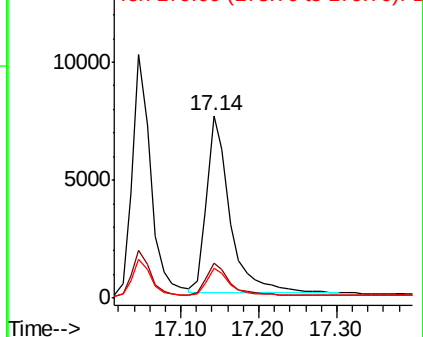
179 15.1 11.9 17.9

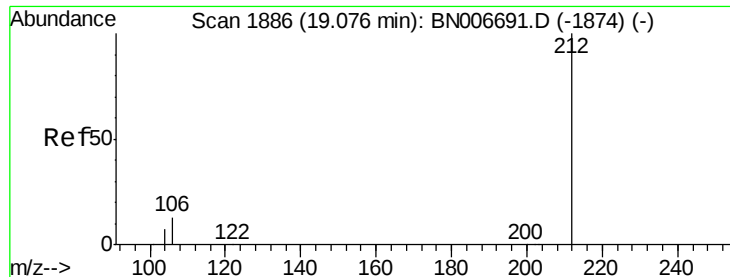


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.419 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

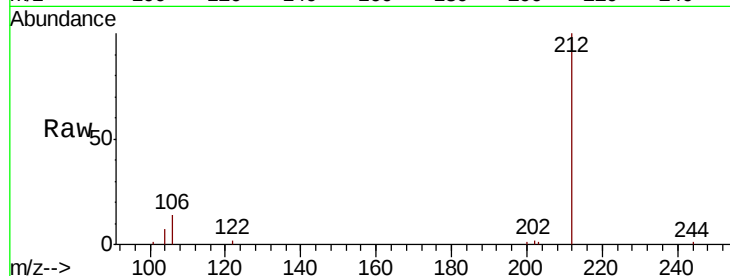
Tgt Ion:212 Resp: 19432

Ion Ratio Lower Upper

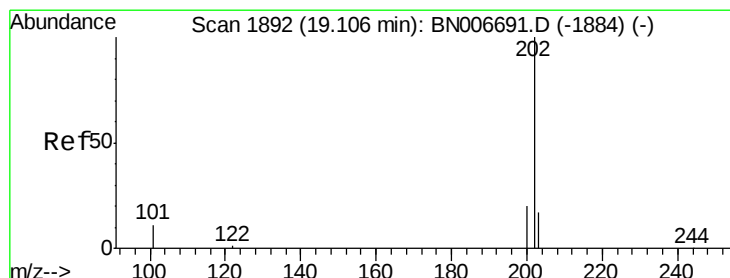
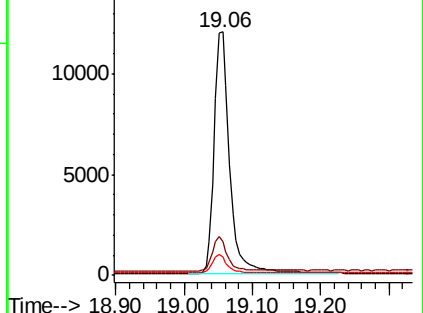
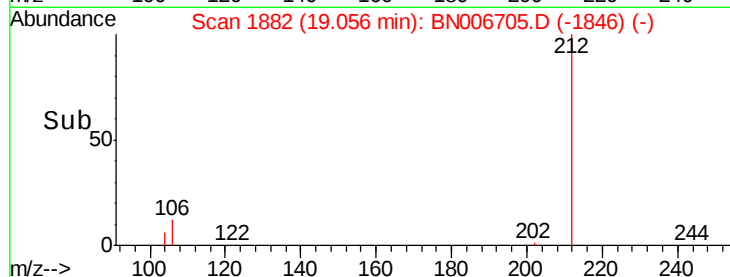
212 100

106 13.5 11.0 16.6

104 7.4 6.1 9.1



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: 0.408 ng

RT: 19.09 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

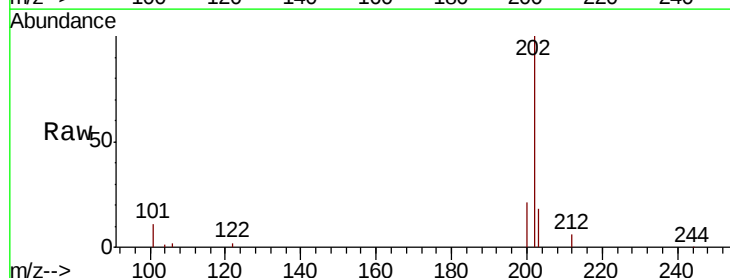
Tgt Ion:202 Resp: 22414

Ion Ratio Lower Upper

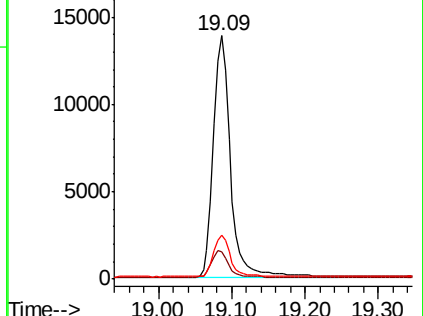
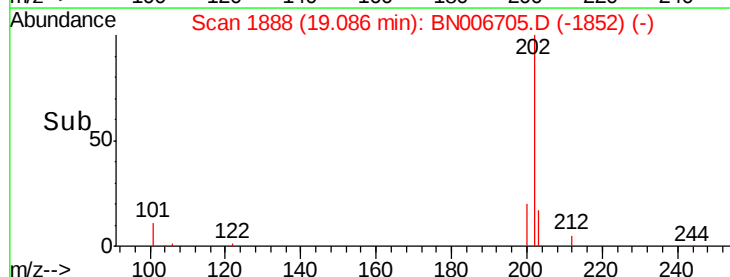
202 100

101 11.0 8.7 13.1

203 17.3 13.8 20.6



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: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

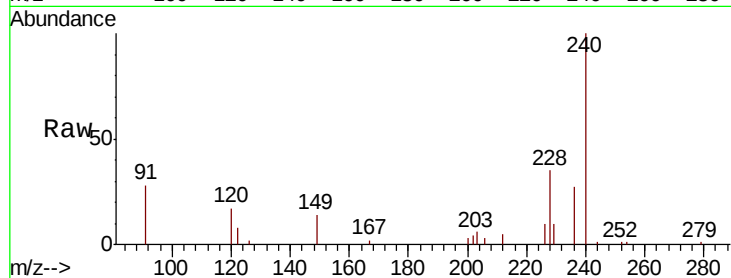
Tgt Ion:240 Resp: 16354

Ion Ratio Lower Upper

240 100

120 16.7 12.9 19.3

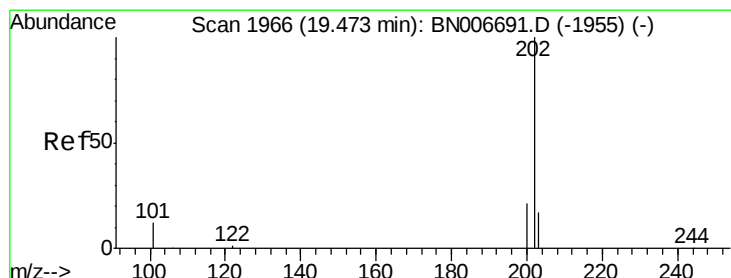
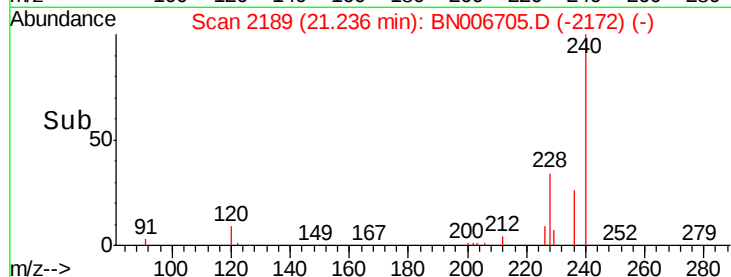
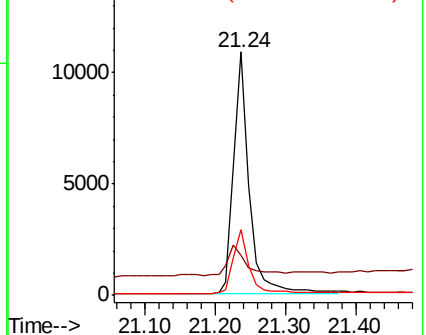
236 27.0 23.2 34.8



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: 0.358 ng

RT: 19.45 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

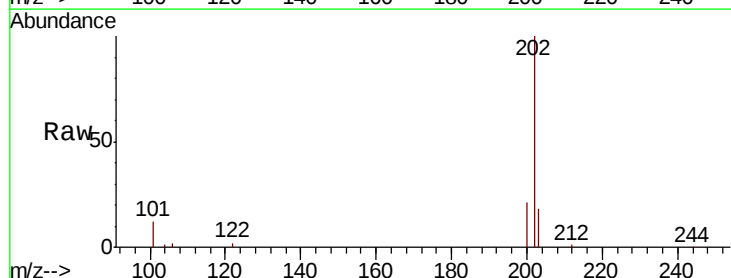
Tgt Ion:202 Resp: 23428

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

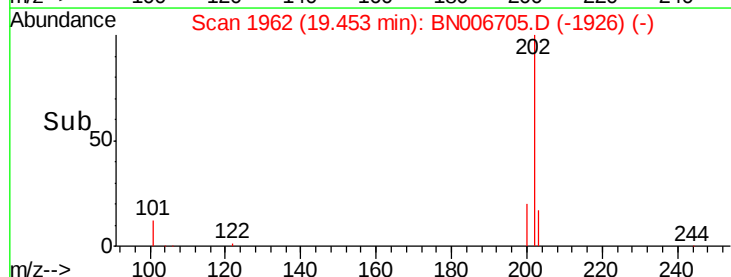
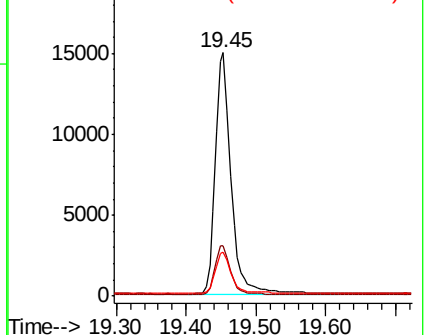
203 17.9 14.2 21.2



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: 0.381 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

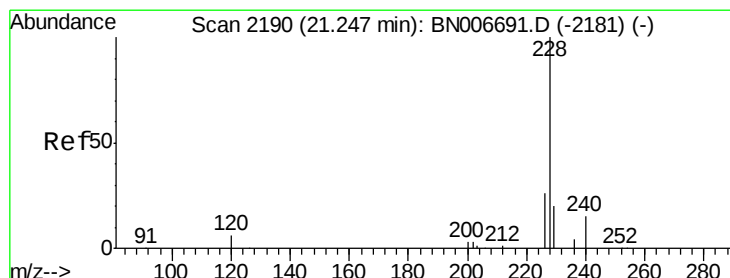
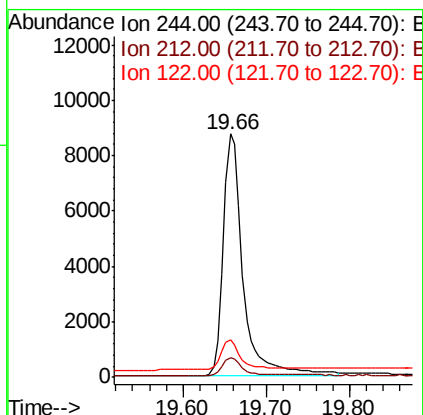
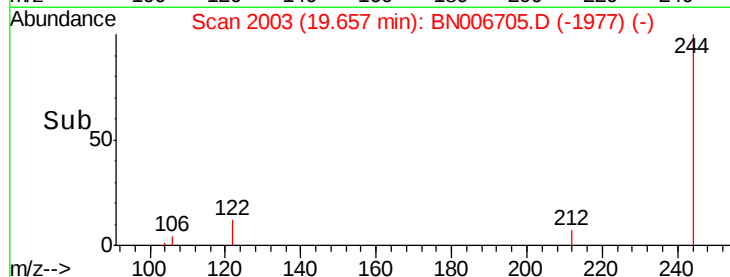
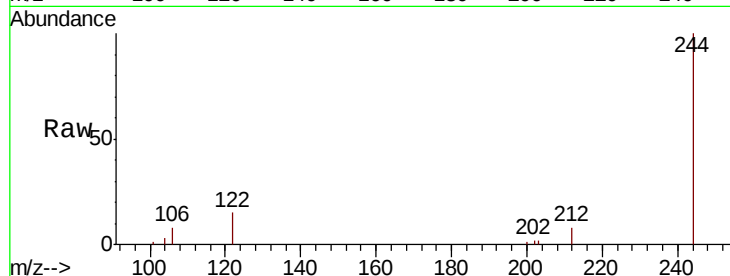
Tgt Ion:244 Resp: 14358

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

122 15.2 11.5 17.3



#30

Benzo(a)anthracene

Concen: 0.371 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

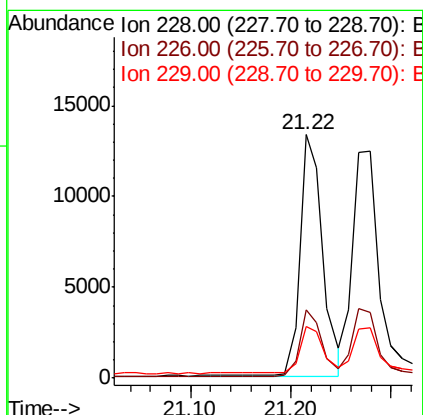
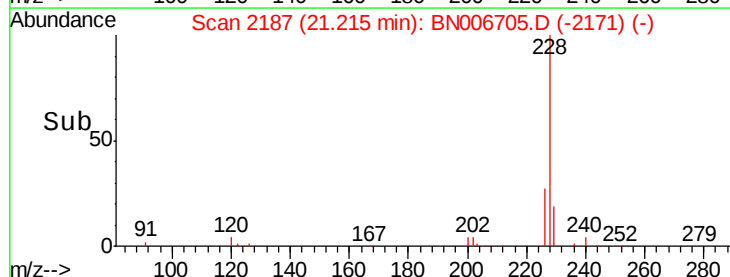
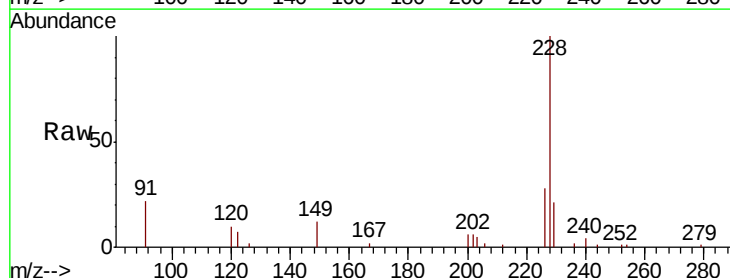
Tgt Ion:228 Resp: 20921

Ion Ratio Lower Upper

228 100

226 27.9 21.5 32.3

229 21.0 16.2 24.4





#31

Chrysene

Concen: 0.382 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

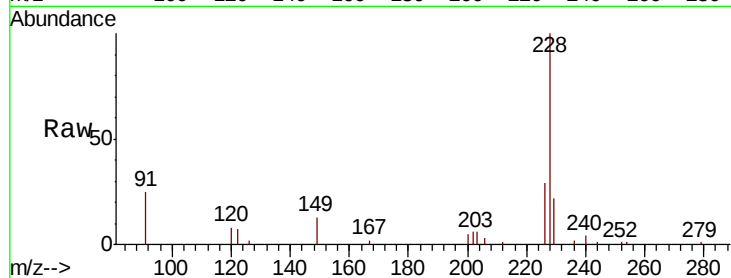
Tgt Ion:228 Resp: 22211

Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.2

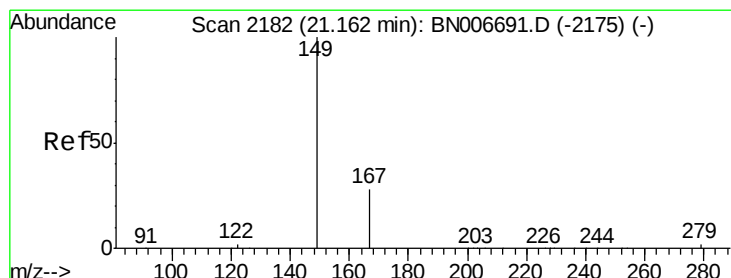
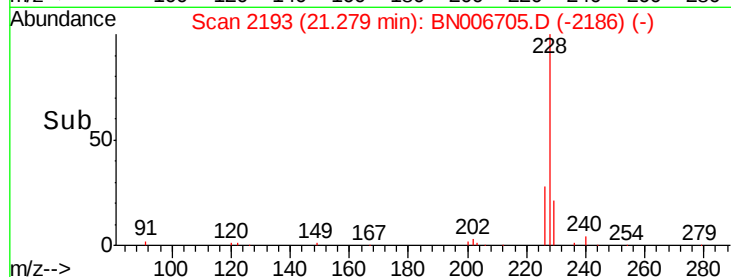
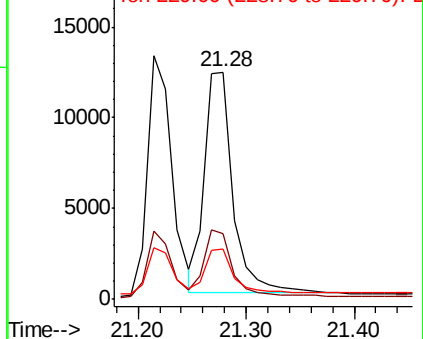
229 22.2 15.8 23.6



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: 0.084 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

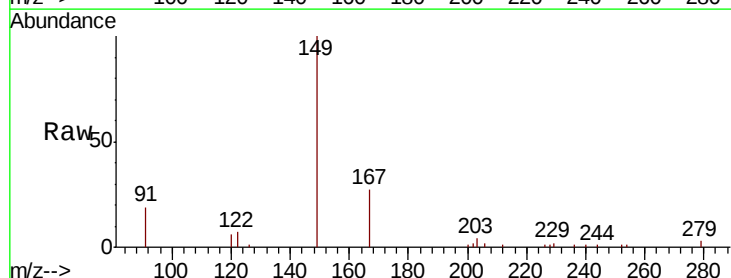
Tgt Ion:149 Resp: 14070

Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

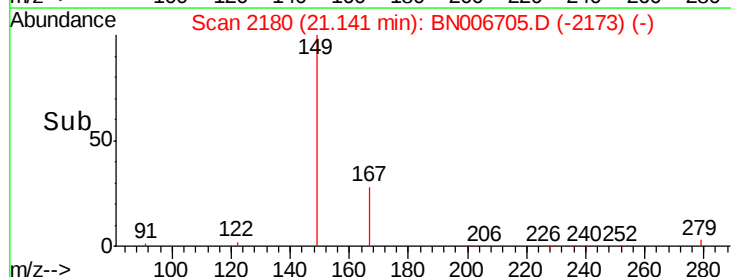
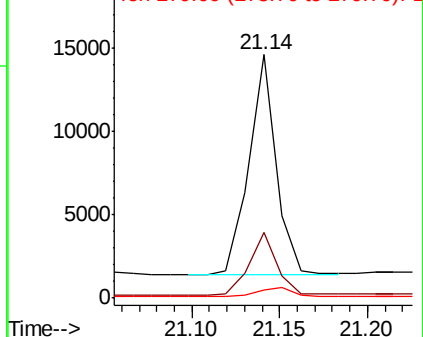
279 4.6 3.2 4.8



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: 0.416 ng

RT: 25.69 min Scan# 3259

Delta R.T. -0.05 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

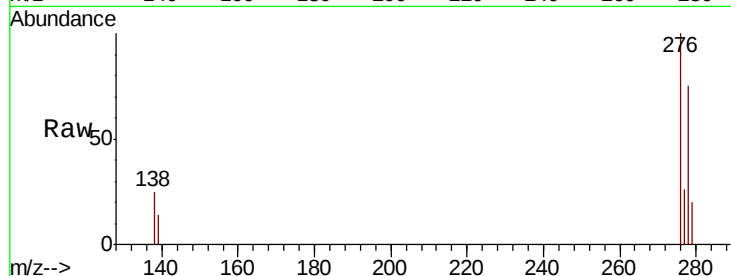
Tgt Ion:276 Resp: 28911

Ion Ratio Lower Upper

276 100

138 22.8 19.5 29.3

277 24.5 19.7 29.5

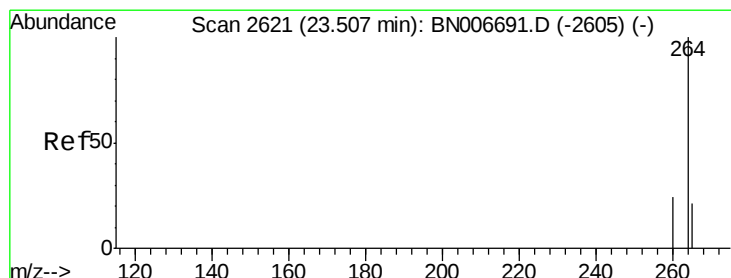
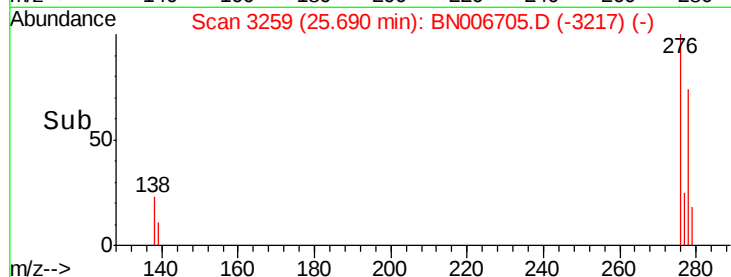
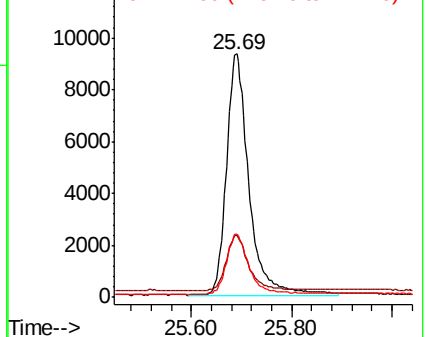


Abundance

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: 23.47 min Scan# 2609

Delta R.T. -0.04 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

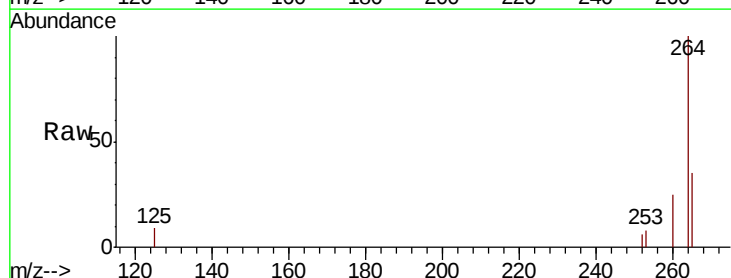
Tgt Ion:264 Resp: 19285

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 35.2 33.7 50.5

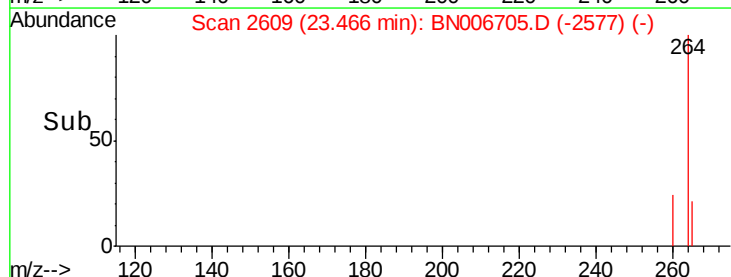
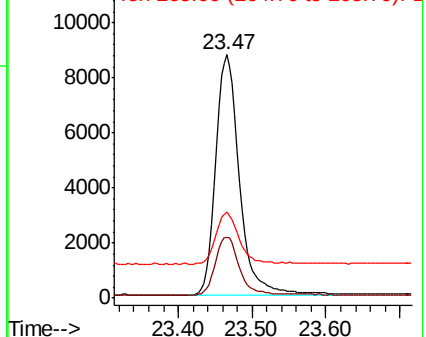


Abundance

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

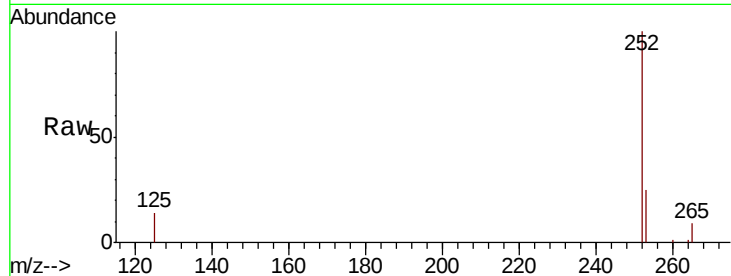




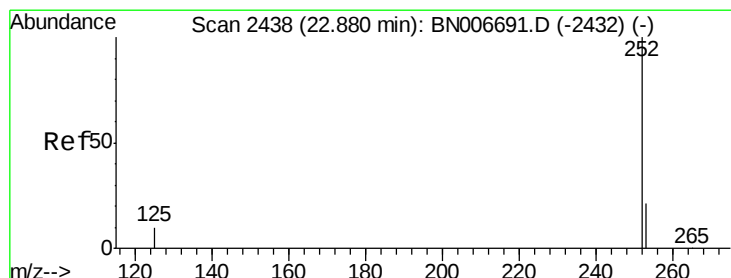
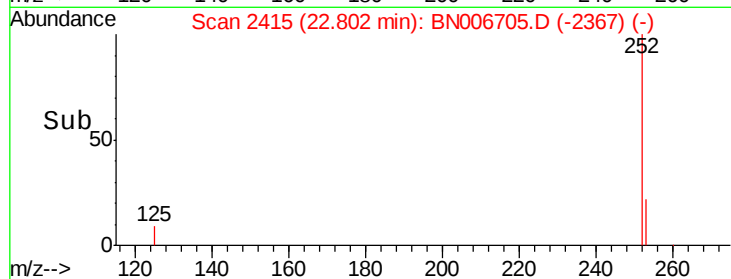
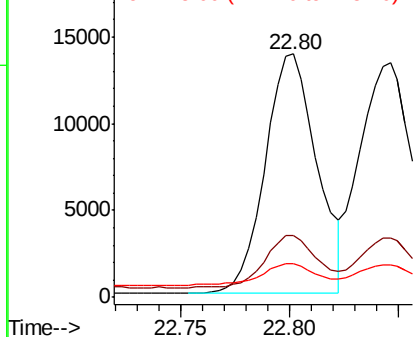
#35  
Benzo(b)fluoranthene  
Concen: 0.366 ng  
RT: 22.80 min Scan# 2415  
Delta R.T. -0.03 min  
Lab File: BN006705.D  
Acq: 05 Jul 2019 09:03

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:252 Resp: 22648  
Ion Ratio Lower Upper  
252 100  
253 25.5 20.2 30.2  
125 13.8 11.5 17.3

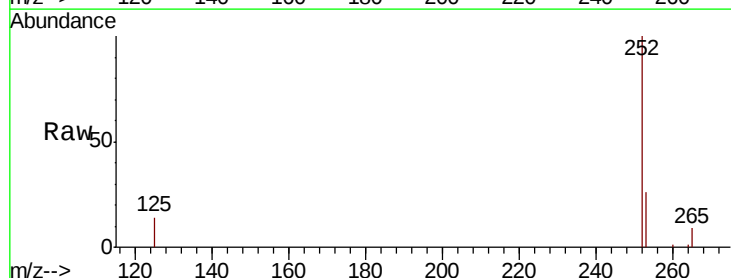


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

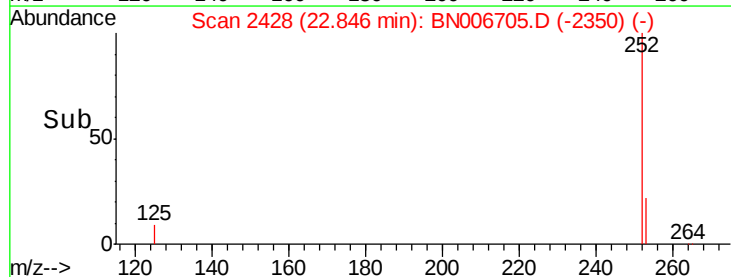
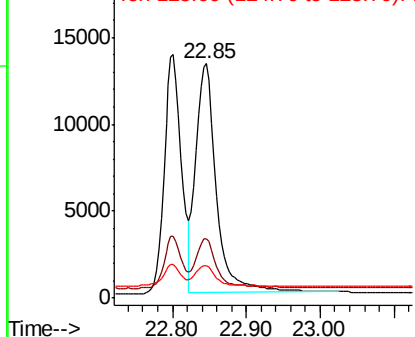


#36  
Benzo(k)fluoranthene  
Concen: 0.380 ng  
RT: 22.85 min Scan# 2428  
Delta R.T. -0.03 min  
Lab File: BN006705.D  
Acq: 05 Jul 2019 09:03

Tgt Ion:252 Resp: 25508  
Ion Ratio Lower Upper  
252 100  
253 25.6 20.1 30.1  
125 14.0 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.37 min Scan# 2581

Delta R.T. -0.04 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

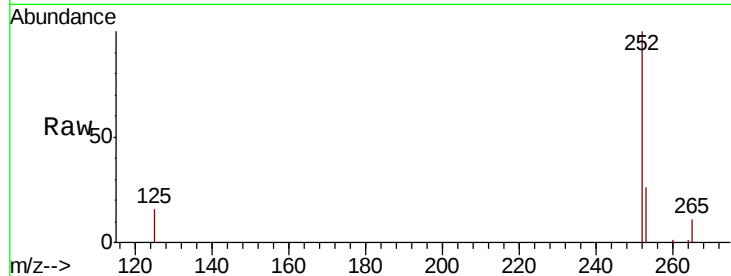
Tgt Ion:252 Resp: 22747

Ion Ratio Lower Upper

252 100

253 26.2 21.4 32.2

125 15.8 13.3 19.9

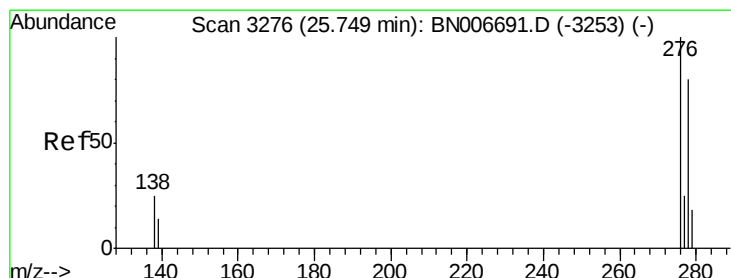
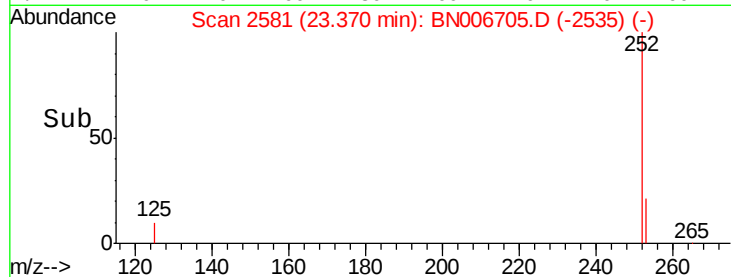
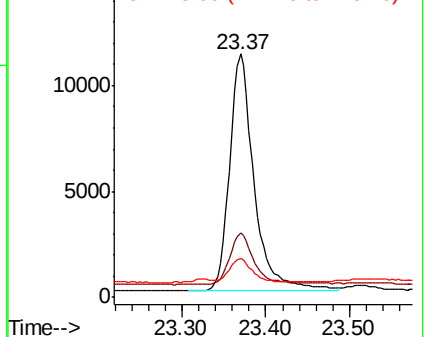


Abundance

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: 0.384 ng

RT: 25.69 min Scan# 3260

Delta R.T. -0.05 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

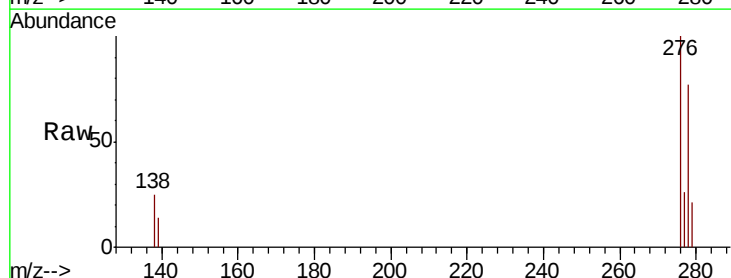
Tgt Ion:278 Resp: 22852

Ion Ratio Lower Upper

278 100

139 18.7 16.2 24.4

279 26.5 20.7 31.1

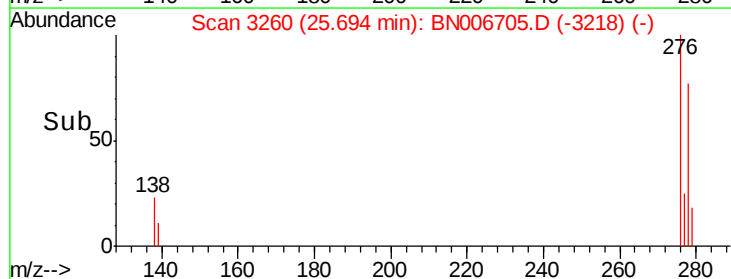
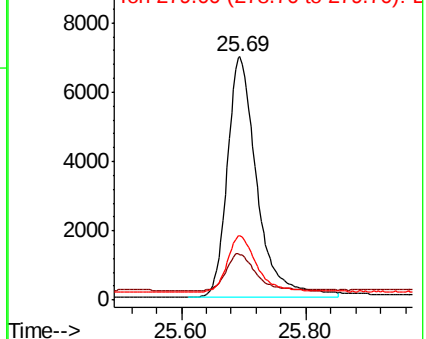


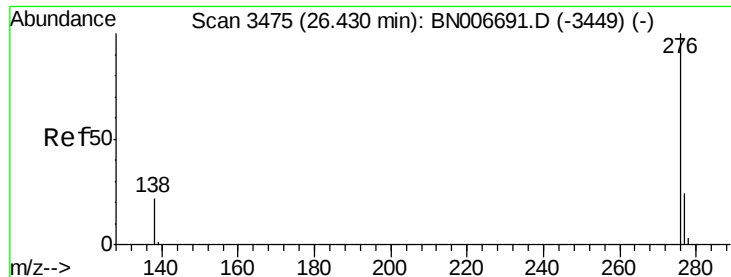
Abundance

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: 0.392 ng

RT: 26.37 min Scan# 3457

Delta R.T. -0.06 min

Lab File: BN006705.D

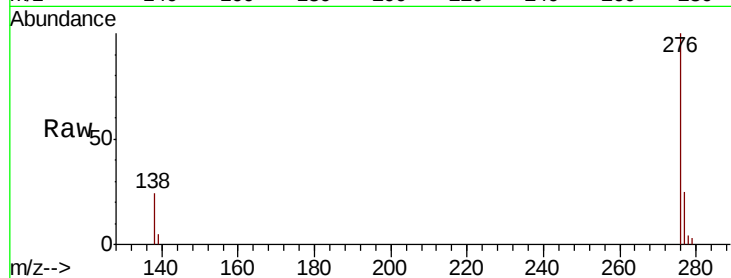
Acq: 05 Jul 2019 09:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



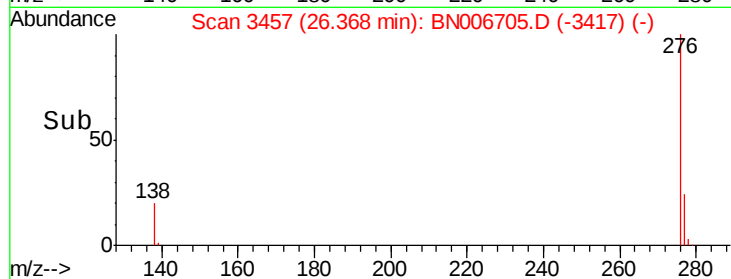
Tgt Ion: 276 Resp: 24023

Ion Ratio Lower Upper

276 100

277 25.3 20.6 30.8

138 23.6 19.7 29.5



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

