

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN032819\  
 Data File : BN005019.D  
 Acq On : 28 Mar 2019 19:13  
 Operator : JU/SJ  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Mar 29 03:23:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 29 03:18:03 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 2727     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.44 | 136  | 11749    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.30 | 164  | 7228     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.06 | 188  | 17326    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.26 | 240  | 21650    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.50 | 264  | 20985    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.25  | 112 | 5590  | 0.75 | ng | 0.00  |
| 5) Phenol-d6                | 6.84  | 99  | 6589  | 0.71 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.82  | 82  | 5505  | 0.71 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.04 | 152 | 15092 | 0.74 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330 | 3162  | 0.63 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 12.92 | 172 | 22483 | 0.75 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.10 | 212 | 40388 | 0.70 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.69 | 244 | 34623 | 0.78 | ng | 0.00  |

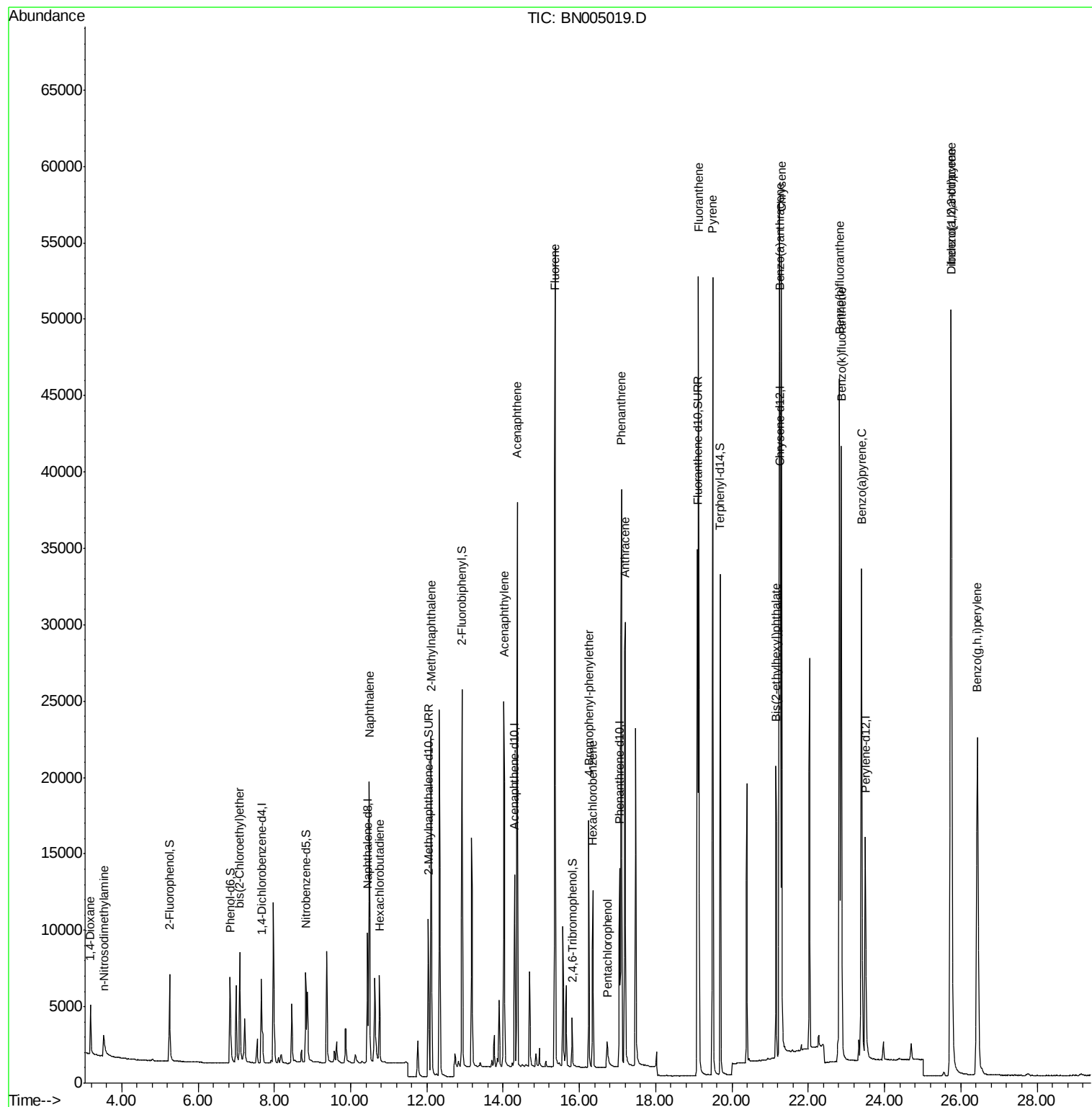
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.18  | 88  | 2294  | 0.740  | ng | 97   |
| 3) n-Nitrosodimethylamine      | 3.52  | 42  | 1409  | 0.769  | ng | # 93 |
| 6) bis(2-Chloroethyl)ether     | 7.10  | 93  | 6382  | 0.766  | ng | 99   |
| 9) Naphthalene                 | 10.49 | 128 | 24390 | 0.740  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.76 | 225 | 4475  | 0.712  | ng | # 99 |
| 12) 2-Methylnaphthalene        | 12.11 | 142 | 17698 | 0.723  | ng | 99   |
| 16) Acenaphthylene             | 14.02 | 152 | 27781 | 0.746  | ng | 100  |
| 17) Acenaphthene               | 14.37 | 154 | 17767 | 0.729  | ng | 100  |
| 18) Fluorene                   | 15.36 | 166 | 24052 | 0.707  | ng | 100  |
| 20) 4-Bromophenyl-phenylether  | 16.25 | 248 | 8174  | 0.722  | ng | 96   |
| 21) Hexachlorobenzene          | 16.36 | 284 | 9019  | 0.696  | ng | 100  |
| 22) Pentachlorophenol          | 16.73 | 266 | 1678  | 0.662  | ng | 94   |
| 23) Phenanthrene               | 17.10 | 178 | 39612 | 0.708  | ng | 100  |
| 24) Anthracene                 | 17.20 | 178 | 35423 | 0.709  | ng | 100  |
| 26) Fluoranthene               | 19.13 | 202 | 48600 | 0.676  | ng | 100  |
| 28) Pyrene                     | 19.49 | 202 | 49208 | 0.745  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.25 | 228 | 48072 | 0.677  | ng | 99   |
| 31) Chrysene                   | 21.30 | 228 | 52053 | 0.696  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 18473 | 0.651  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.74 | 276 | 60652 | 0.561  | ng | 100  |
| 35) Benzo(b)fluoranthene       | 22.82 | 252 | 55476 | 0.731  | ng | 98   |
| 36) Benzo(k)fluoranthene       | 22.86 | 252 | 53100 | 0.711  | ng | 98   |
| 37) Benzo(a)pyrene             | 23.40 | 252 | 49138 | 0.706  | ng | 97   |
| 38) Dibenzo(a,h)anthracene     | 25.75 | 278 | 49595 | 0.615  | ng | 98   |
| 39) Benzo(g,h,i)perylene       | 26.43 | 276 | 49693 | 0.605  | ng | 99   |

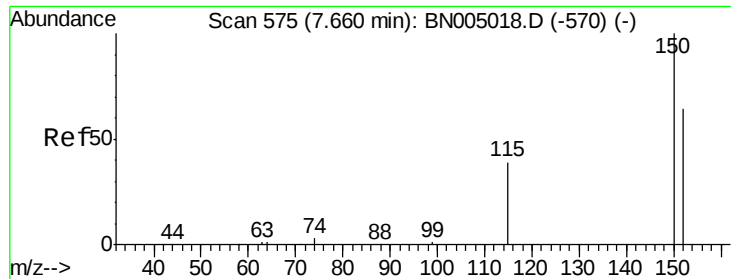
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 29 03:18:03 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

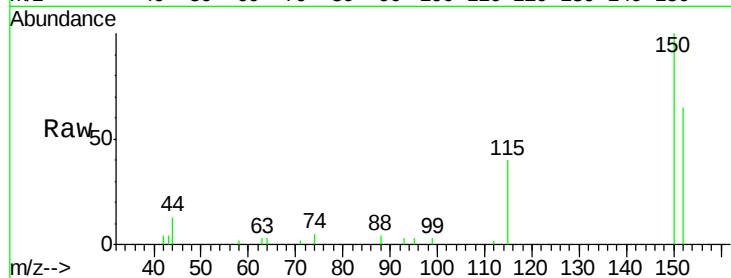
Tgt Ion:152 Resp: 2727

Ion Ratio Lower Upper

152 100

150 154.8 123.4 185.2

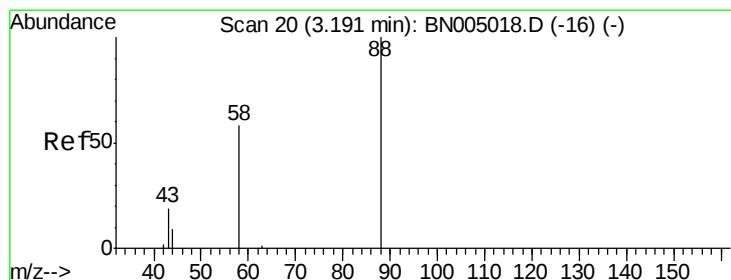
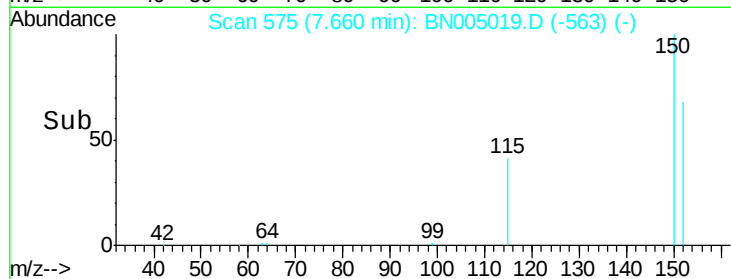
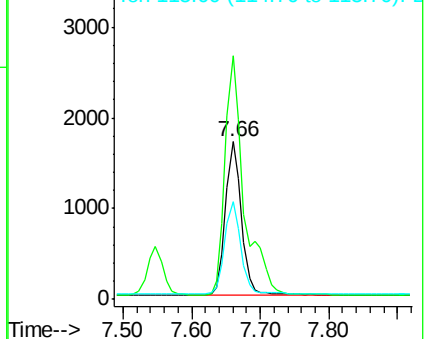
115 62.2 50.0 75.0



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: 0.740 ng

RT: 3.18 min Scan# 19

Delta R.T. -0.01 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

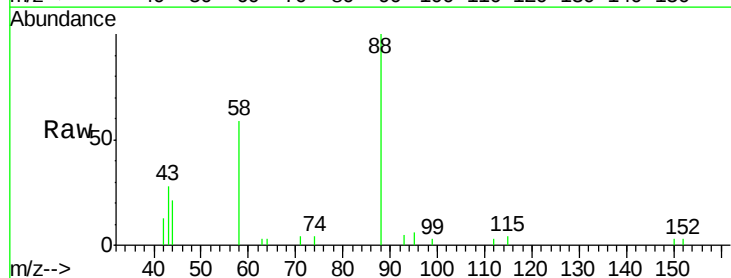
Tgt Ion: 88 Resp: 2294

Ion Ratio Lower Upper

88 100

58 69.1 52.8 79.2

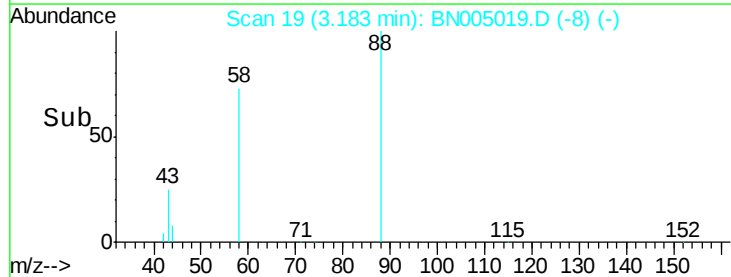
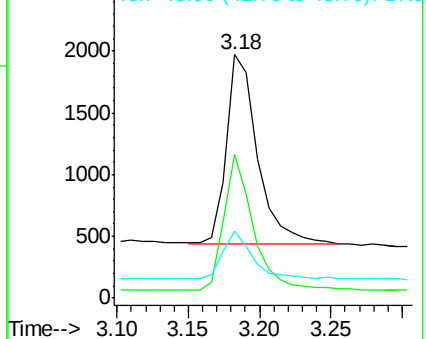
43 23.5 19.6 29.4

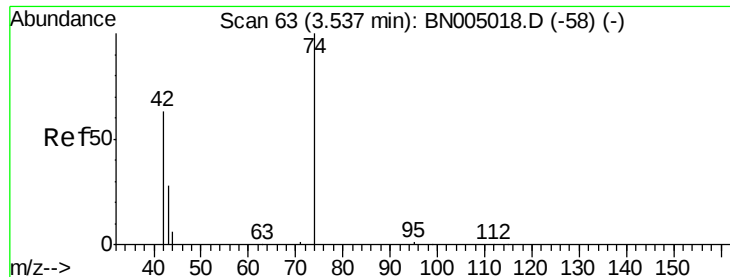


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.769 ng

RT: 3.52 min Scan# 61

Delta R.T. -0.02 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

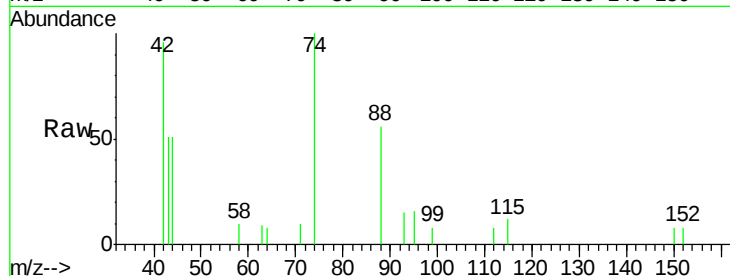
Tgt Ion: 42 Resp: 1409

Ion Ratio Lower Upper

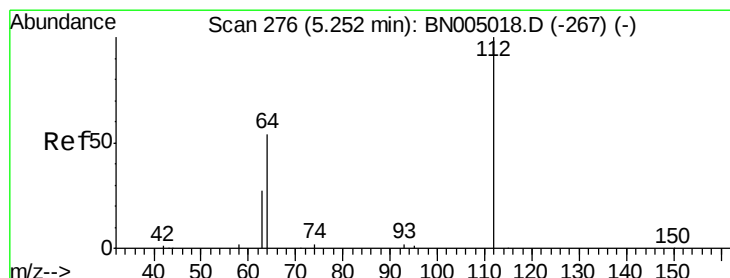
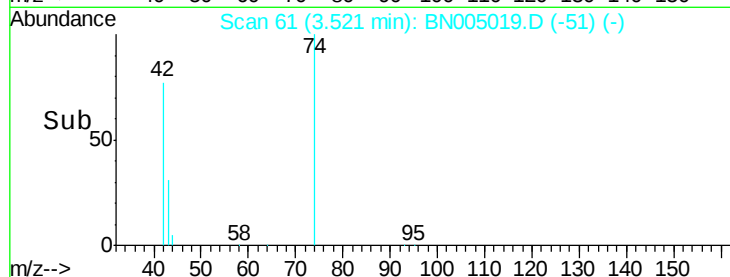
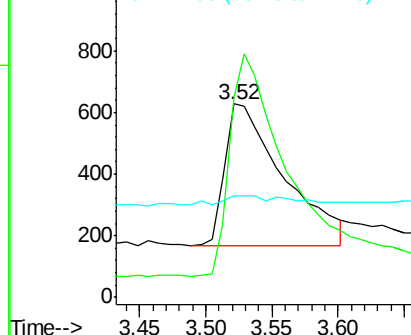
42 100

74 153.7 129.1 193.7

44 7.8 11.6 17.4#



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: 0.754 ng

RT: 5.25 min Scan# 276

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

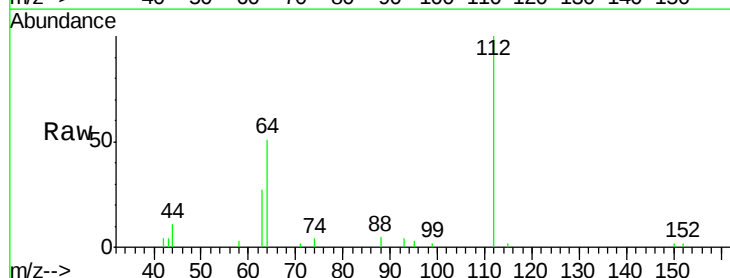
Tgt Ion: 112 Resp: 5590

Ion Ratio Lower Upper

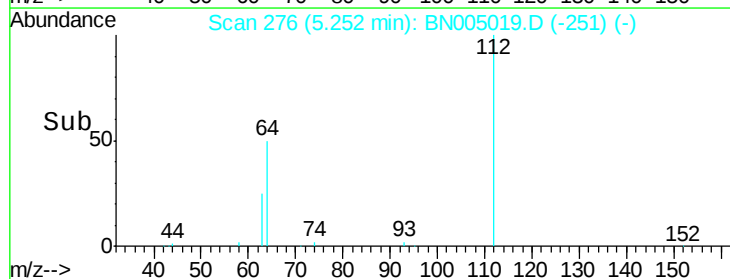
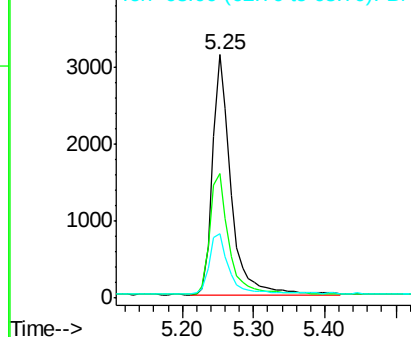
112 100

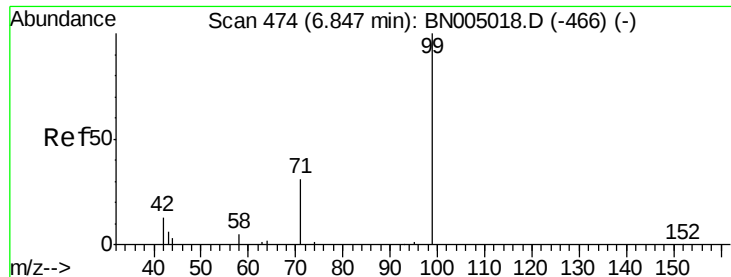
64 52.9 41.9 62.9

63 26.5 21.5 32.3



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: 0.714 ng

RT: 6.84 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

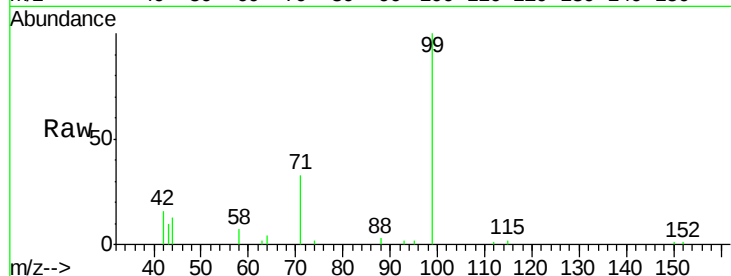
Tgt Ion: 99 Resp: 6589

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

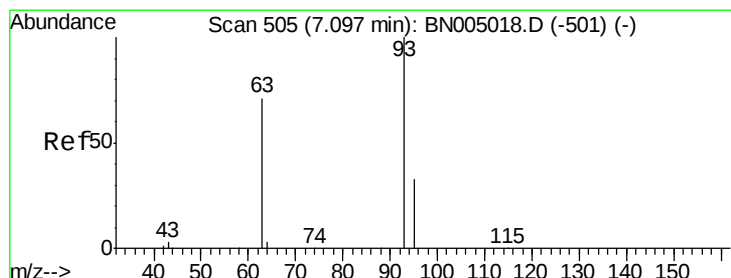
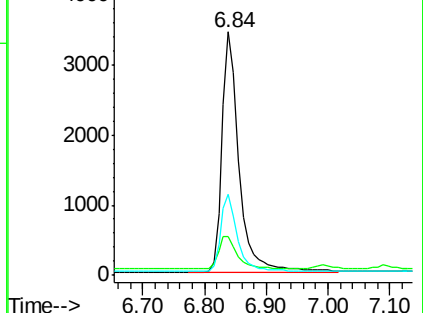
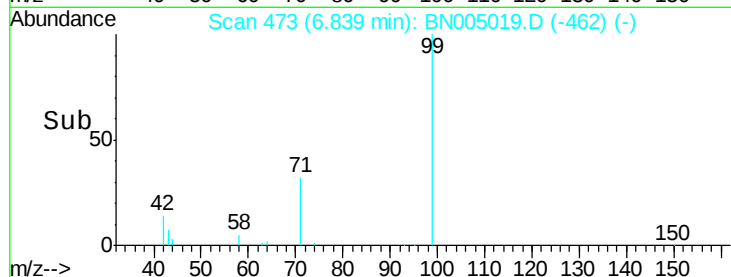
71 32.3 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005019.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN005019.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN005019.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.766 ng

RT: 7.10 min Scan# 505

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

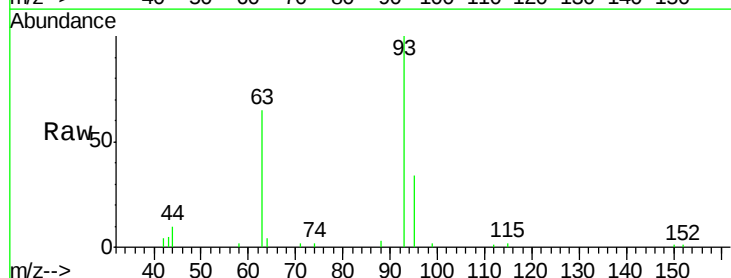
Tgt Ion: 93 Resp: 6382

Ion Ratio Lower Upper

93 100

63 65.7 51.8 77.6

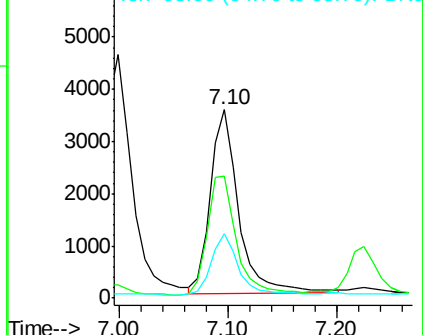
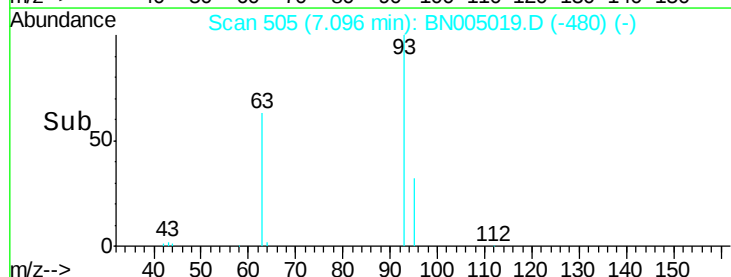
95 31.5 24.8 37.2

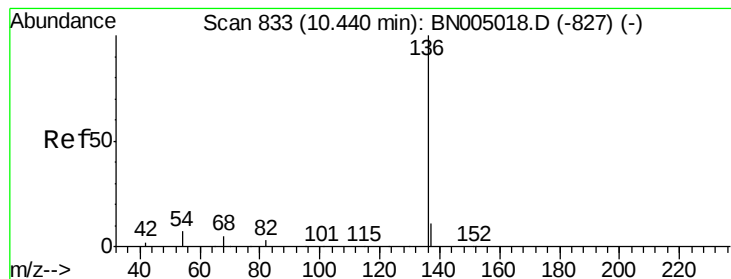


Abundance Ion 93.00 (92.70 to 93.70): BN005019.D (-480) (-)

Ion 63.00 (62.70 to 63.70): BN005019.D (-480) (-)

Ion 95.00 (94.70 to 95.70): BN005019.D (-480) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 11749

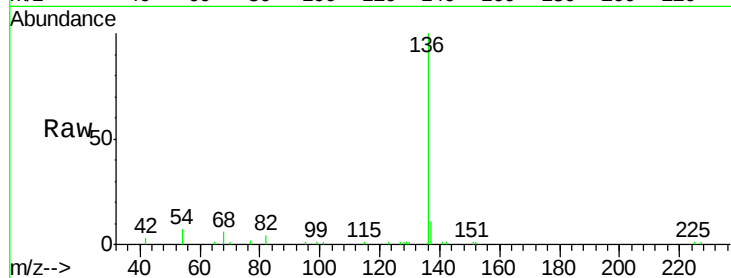
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.5 6.0 9.0

68 5.6 5.0 7.6

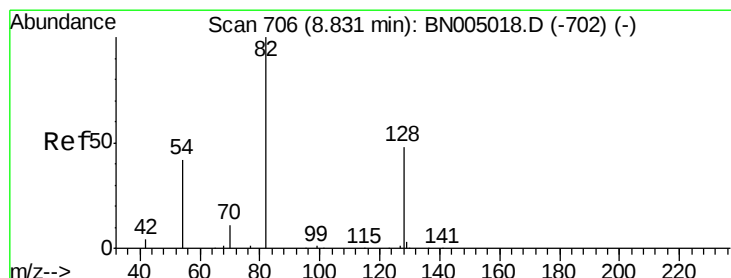
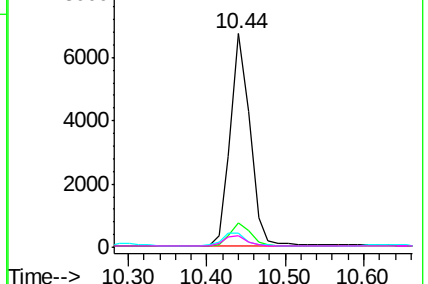
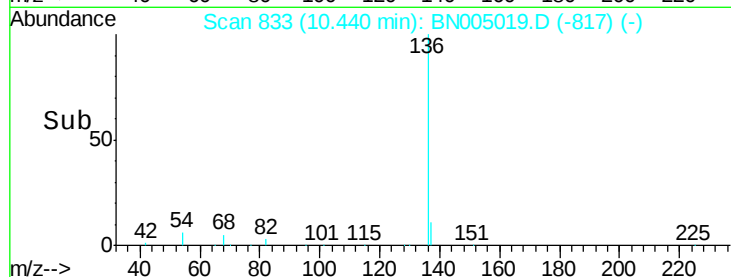


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.708 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

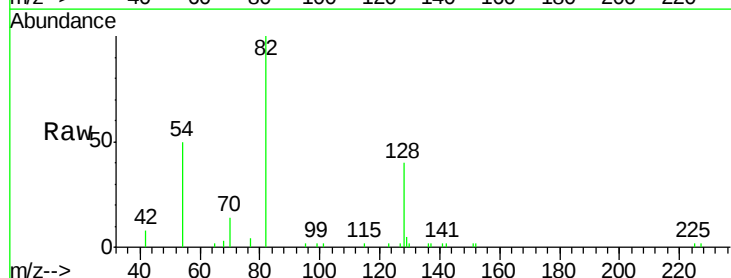
Tgt Ion: 82 Resp: 5505

Ion Ratio Lower Upper

82 100

128 40.4 40.5 60.7#

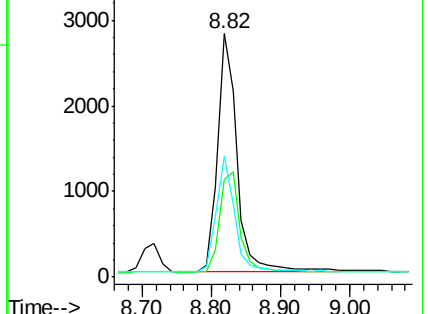
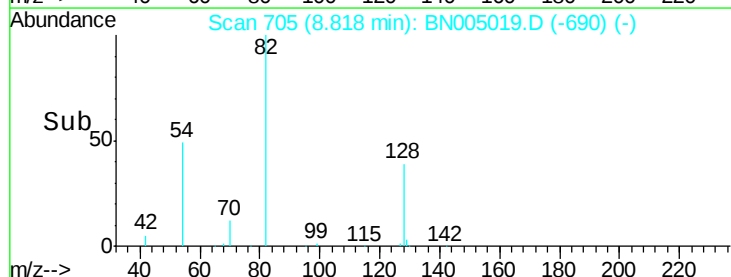
54 49.8 35.7 53.5

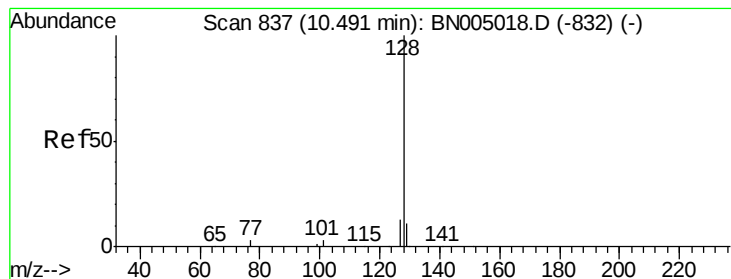


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.740 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

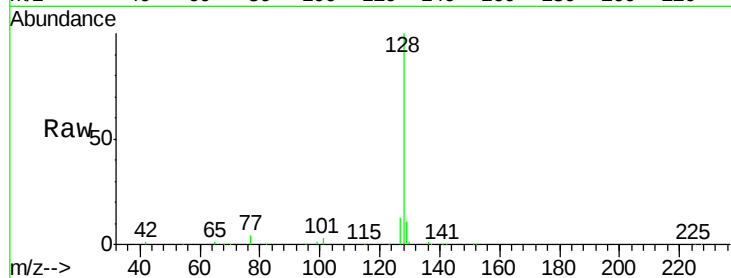
Tgt Ion:128 Resp: 24390

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

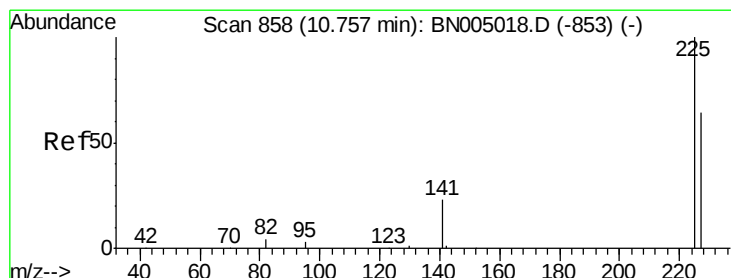
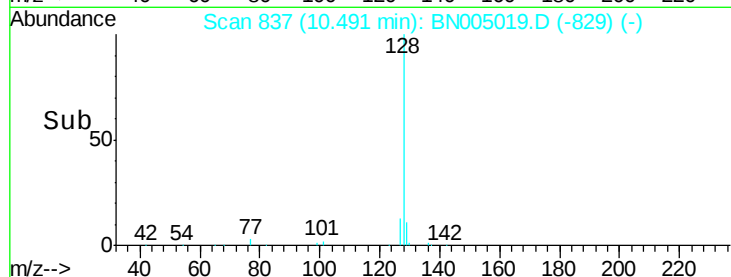
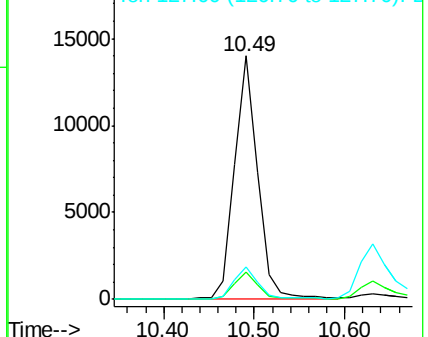
127 13.4 11.0 16.6



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: 0.712 ng

RT: 10.76 min Scan# 858

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

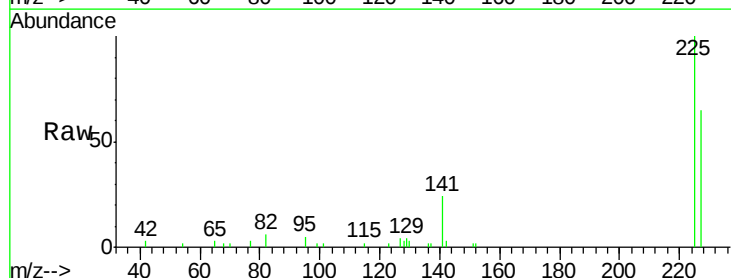
Tgt Ion:225 Resp: 4475

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

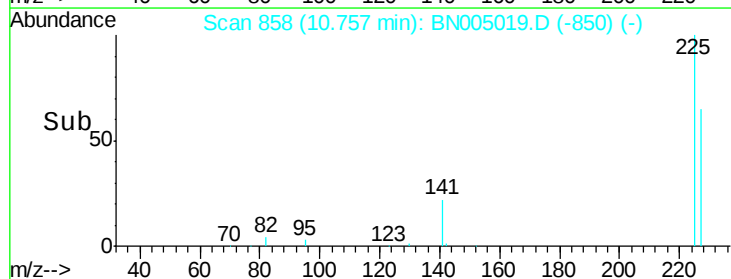
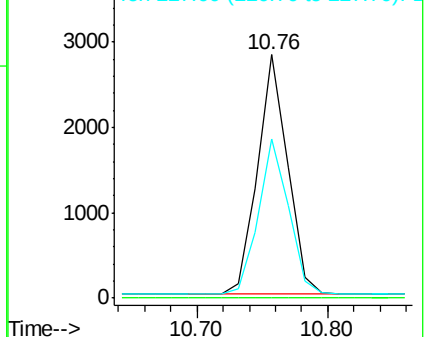
227 65.0 51.5 77.3

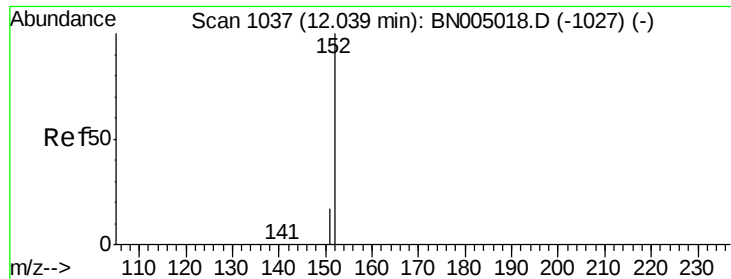


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

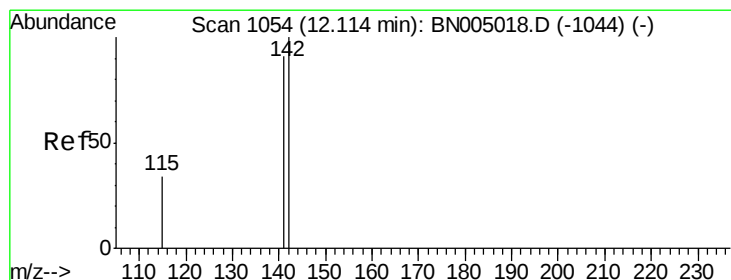
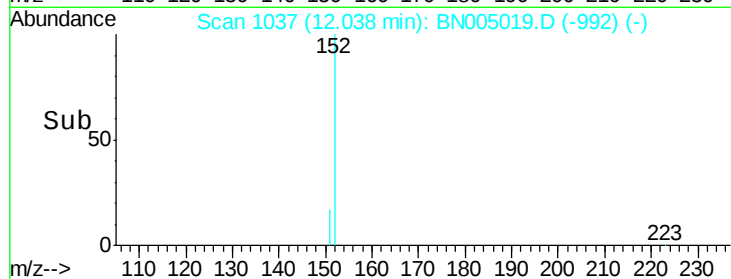
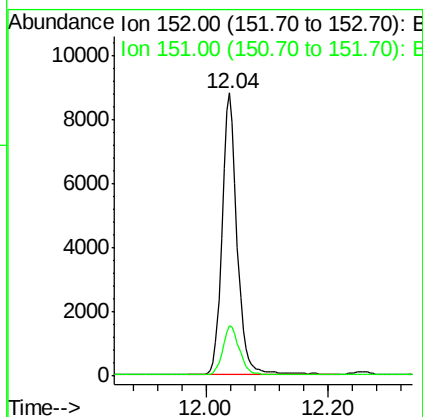
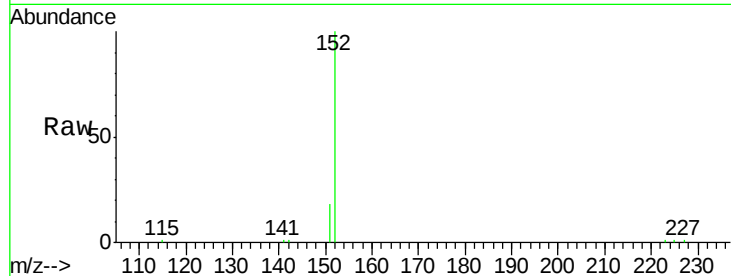




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.736 ng  
 RT: 12.04 min Scan# 1037  
 Delta R.T. -0.00 min  
 Lab File: BN005019.D  
 Acq: 28 Mar 2019 19:13

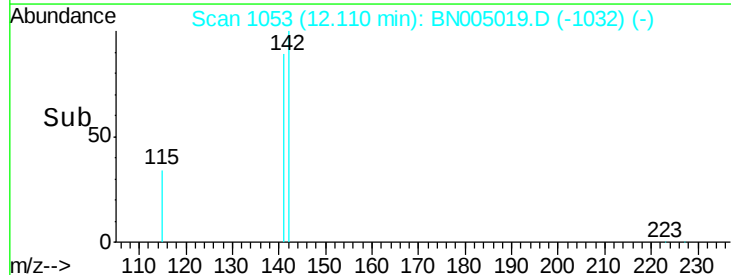
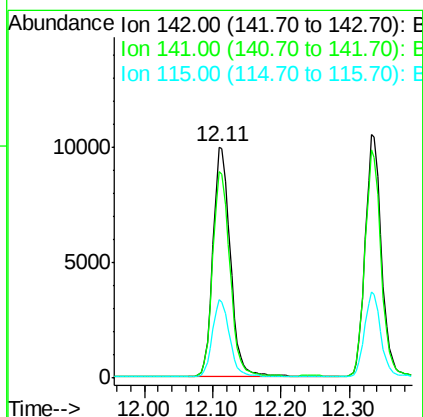
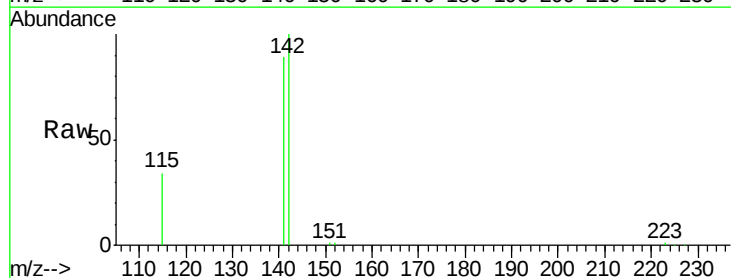
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

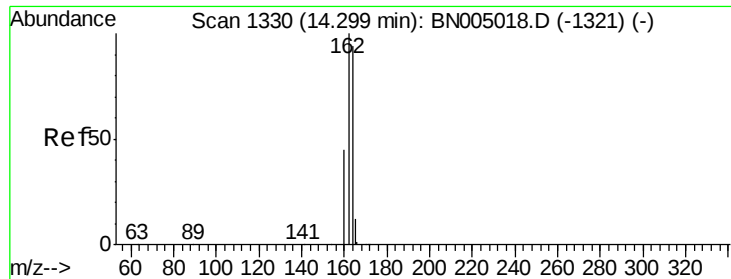
Tgt Ion:152 Resp: 15092  
 Ion Ratio Lower Upper  
 152 100  
 151 19.2 15.3 22.9



#12  
 2-Methylnaphthalene  
 Concen: 0.723 ng  
 RT: 12.11 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: BN005019.D  
 Acq: 28 Mar 2019 19:13

Tgt Ion:142 Resp: 17698  
 Ion Ratio Lower Upper  
 142 100  
 141 89.3 72.6 108.8  
 115 34.0 27.8 41.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

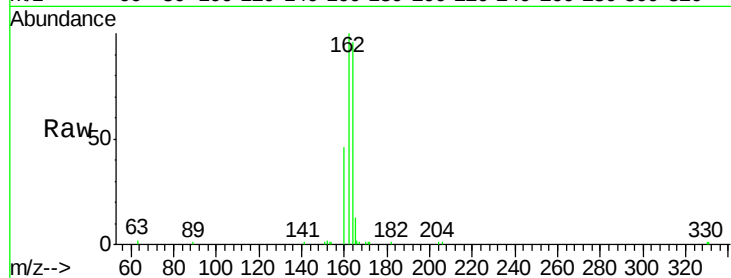
Tgt Ion:164 Resp: 7228

Ion Ratio Lower Upper

164 100

162 104.6 85.3 127.9

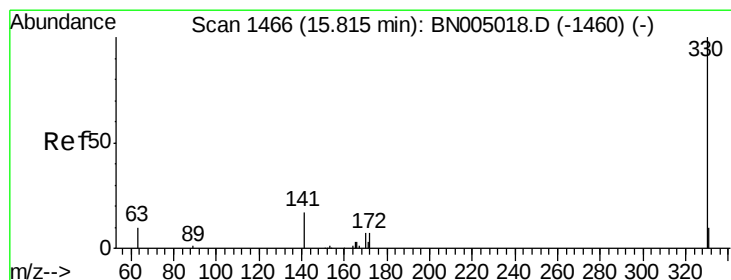
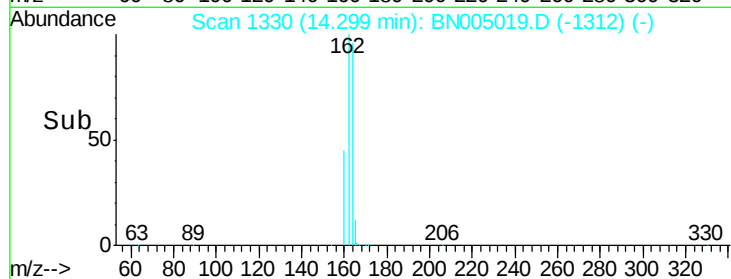
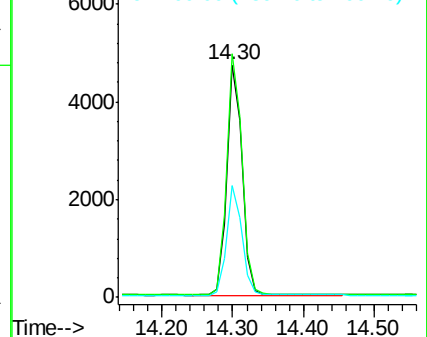
160 47.9 39.2 58.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.633 ng

RT: 15.81 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

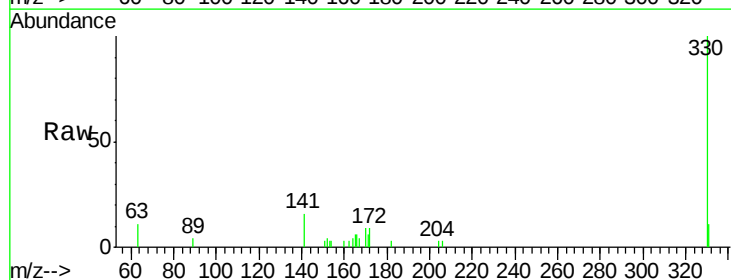
Tgt Ion:330 Resp: 3162

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

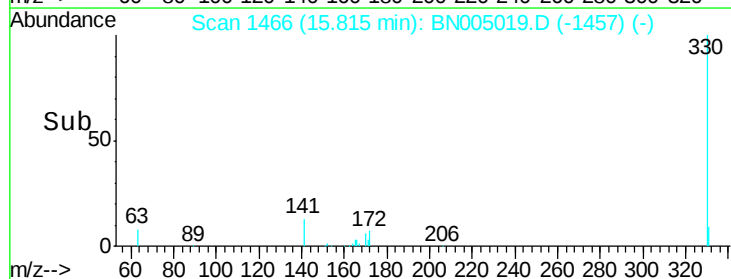
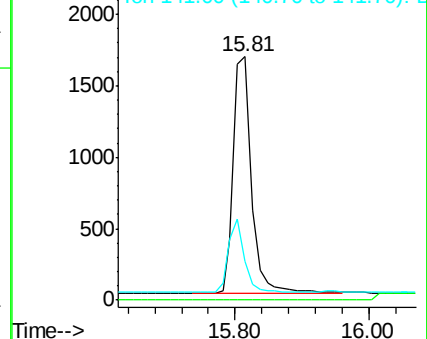
141 27.6 21.3 31.9

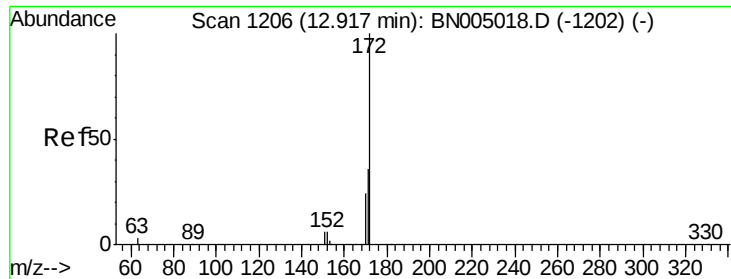


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

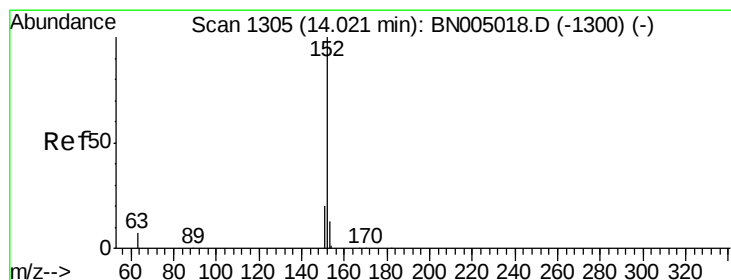
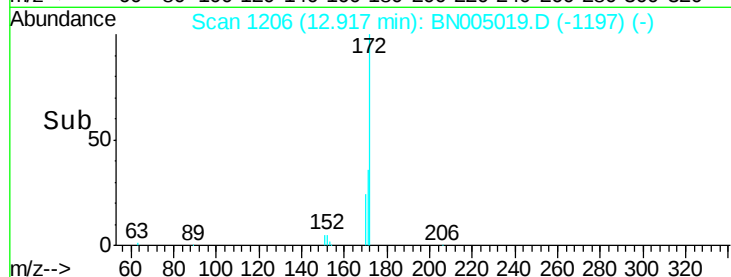
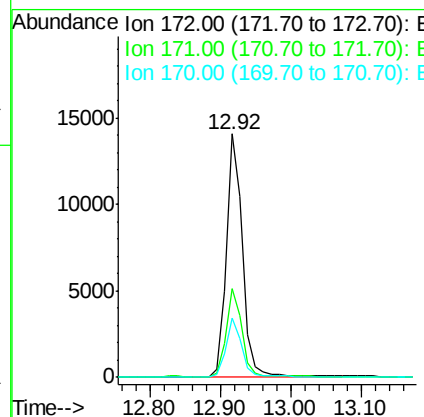
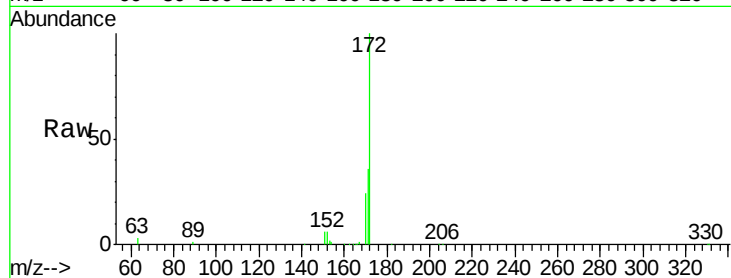




#15  
2-Fluorobiphenyl  
Concen: 0.753 ng  
RT: 12.92 min Scan# 1206  
Delta R.T. -0.00 min  
Lab File: BN005019.D  
Acq: 28 Mar 2019 19:13

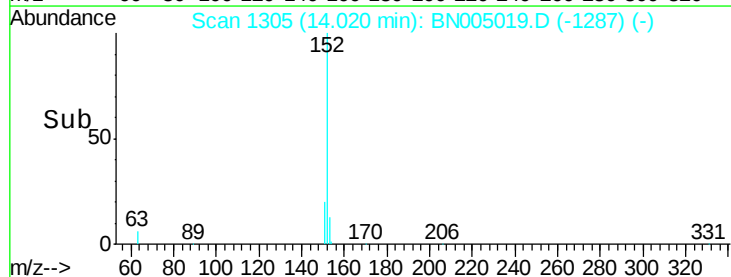
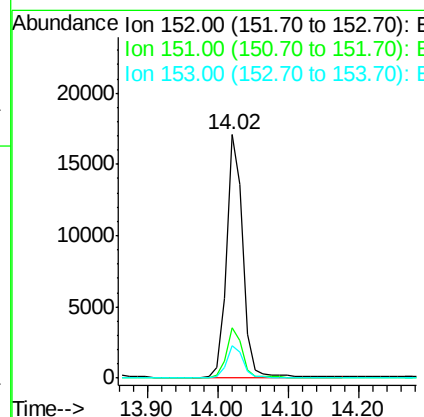
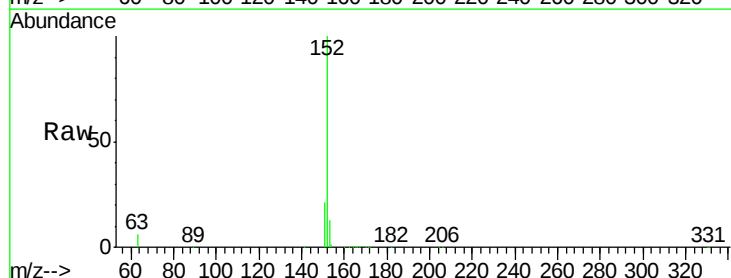
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.8

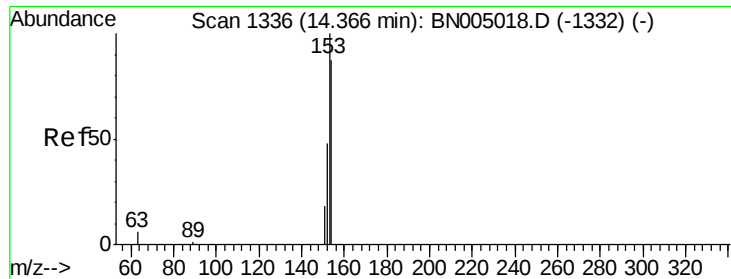
Tgt Ion:172 Resp: 22483  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.4 44.0  
170 24.2 20.0 30.0



#16  
Acenaphthylene  
Concen: 0.746 ng  
RT: 14.02 min Scan# 1305  
Delta R.T. -0.00 min  
Lab File: BN005019.D  
Acq: 28 Mar 2019 19:13

Tgt Ion:152 Resp: 27781  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.6  
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.729 ng

RT: 14.37 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

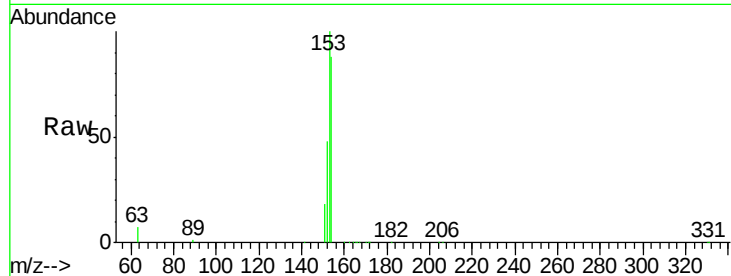
Tgt Ion:154 Resp: 17767

Ion Ratio Lower Upper

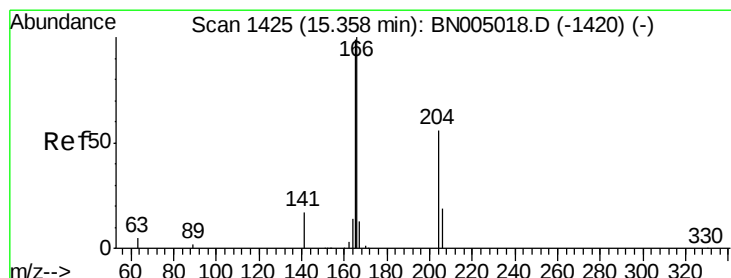
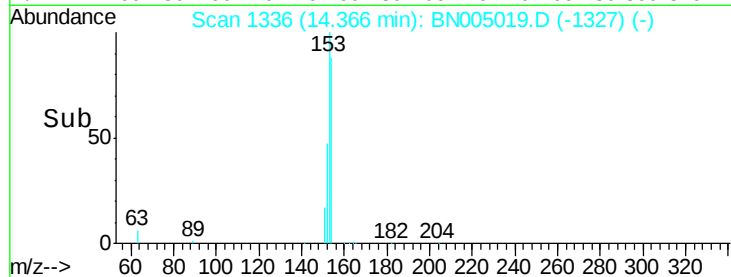
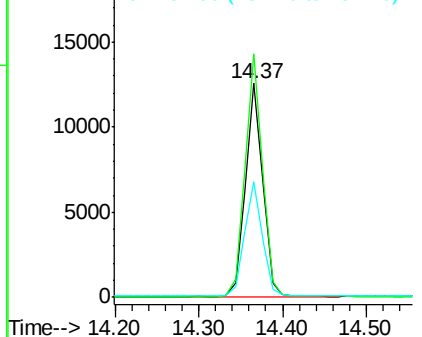
154 100

153 114.6 92.1 138.1

152 54.9 44.2 66.2



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: 0.707 ng

RT: 15.36 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

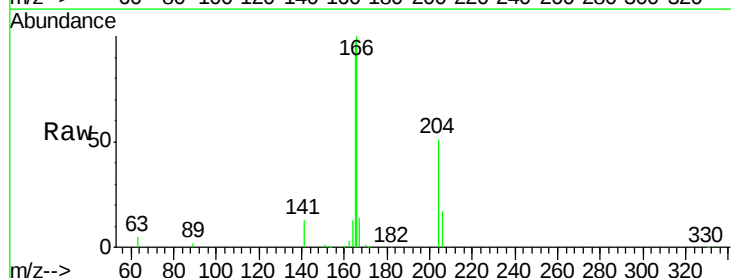
Tgt Ion:166 Resp: 24052

Ion Ratio Lower Upper

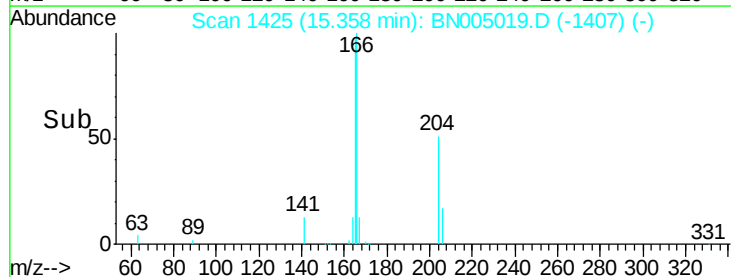
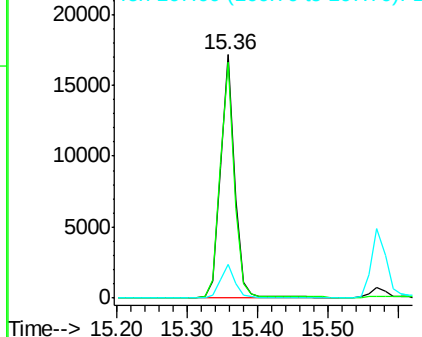
166 100

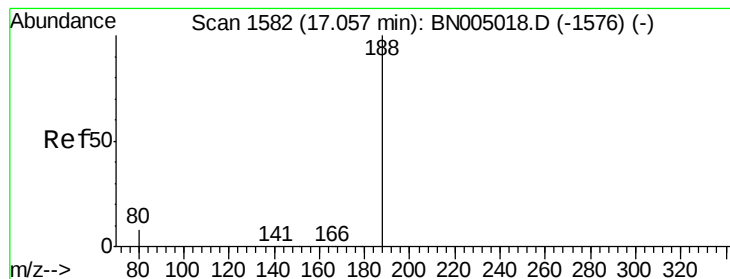
165 98.1 78.7 118.1

167 13.5 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# 1582

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

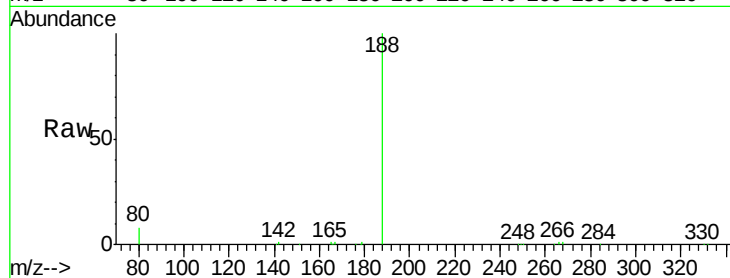
Tgt Ion:188 Resp: 17326

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

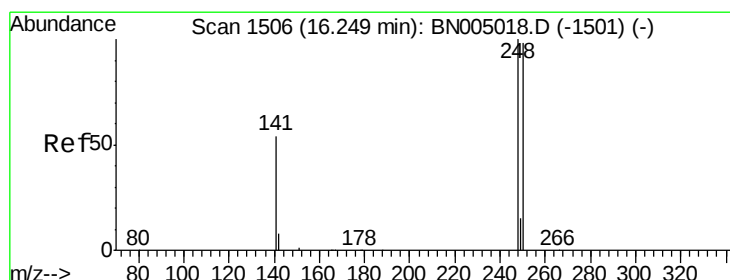
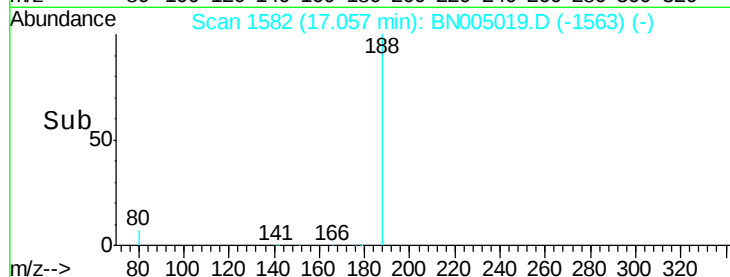
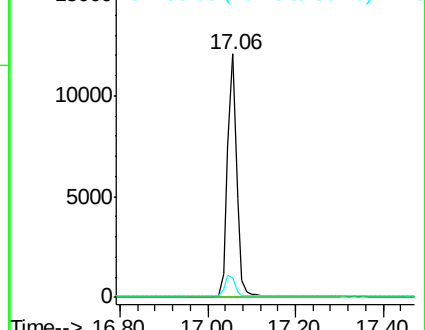
80 7.9 6.9 10.3



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: 0.722 ng

RT: 16.25 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

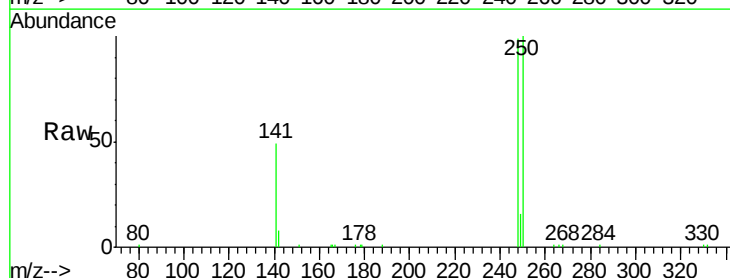
Tgt Ion:248 Resp: 8174

Ion Ratio Lower Upper

248 100

250 100.8 78.6 117.8

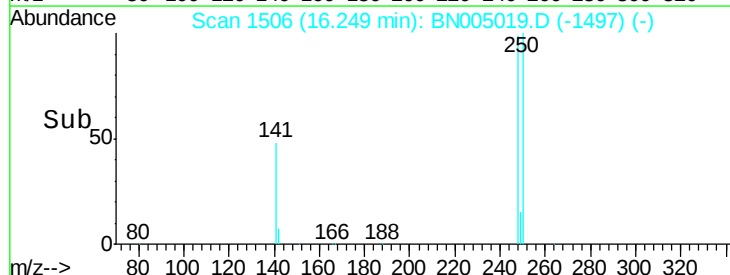
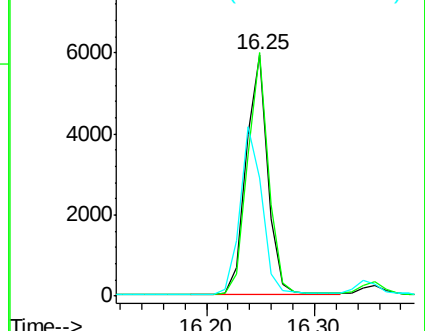
141 49.1 43.6 65.4

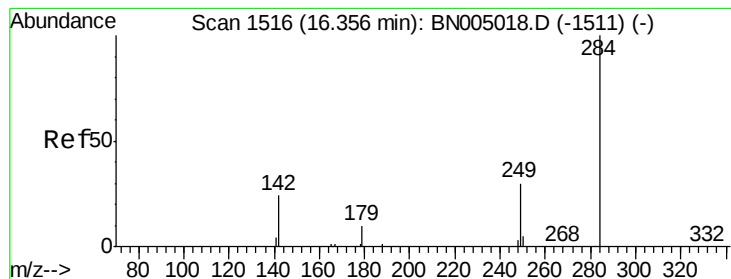


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.696 ng

RT: 16.36 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

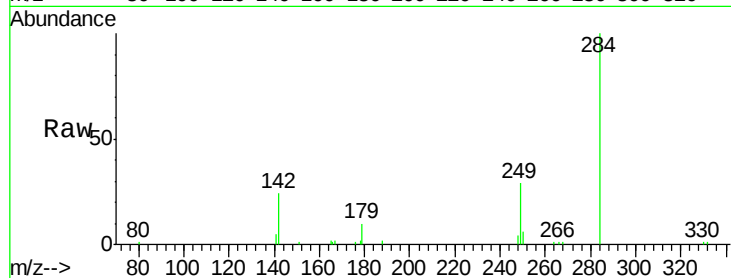
Tgt Ion:284 Resp: 9019

Ion Ratio Lower Upper

284 100

142 31.1 24.9 37.3

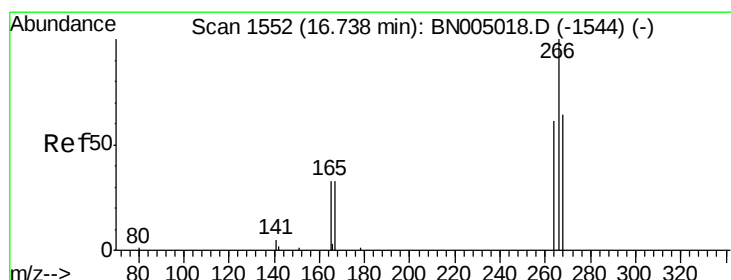
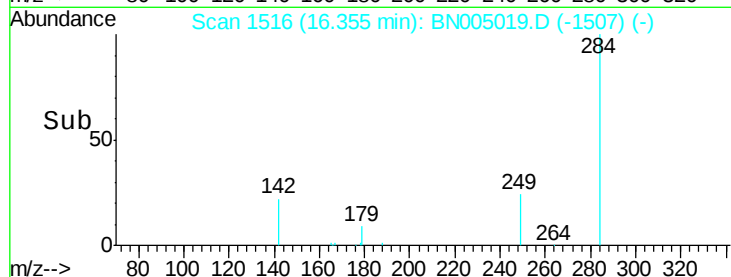
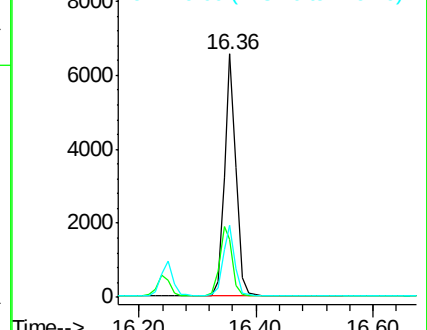
249 29.4 23.8 35.6



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: 0.662 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

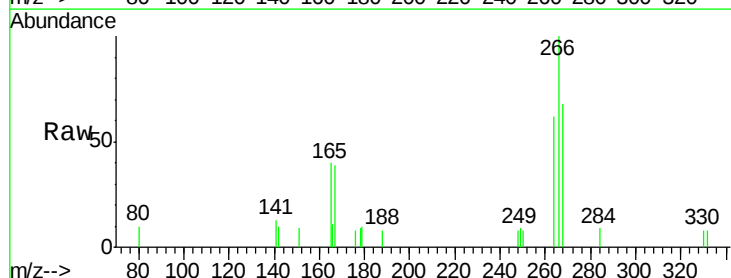
Tgt Ion:266 Resp: 1678

Ion Ratio Lower Upper

266 100

264 62.4 53.4 80.0

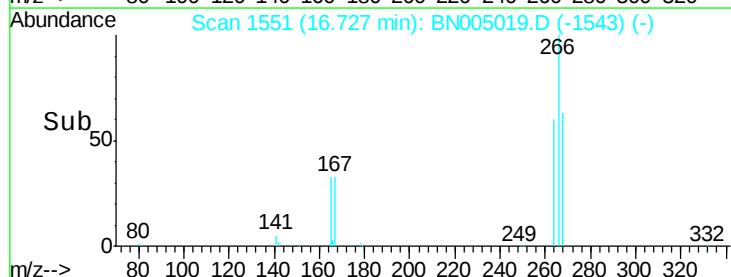
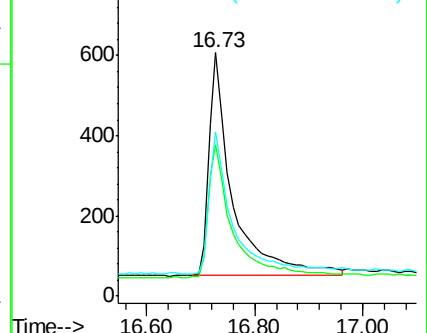
268 67.5 58.9 88.3

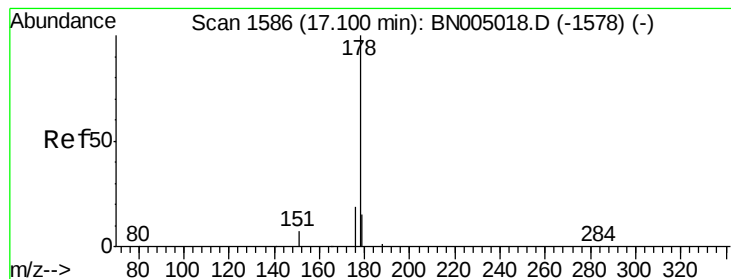


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.708 ng

RT: 17.10 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

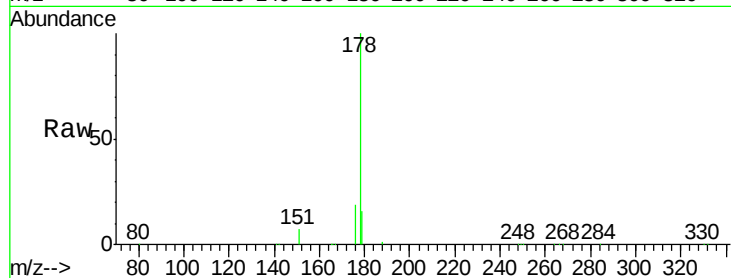
Tgt Ion:178 Resp: 39612

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

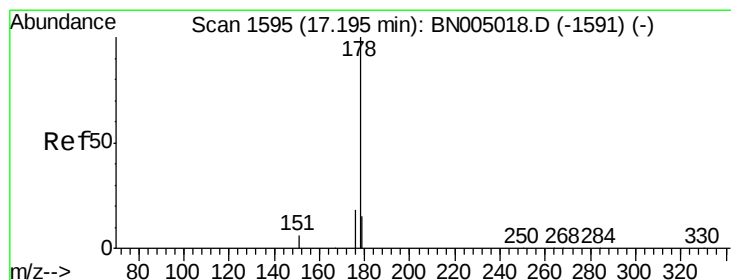
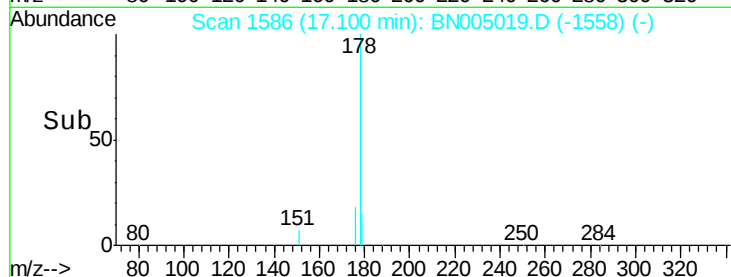
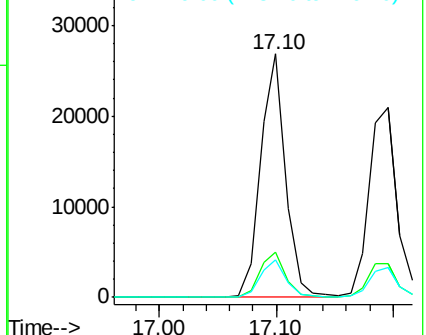
179 15.3 12.2 18.2



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: 0.709 ng

RT: 17.20 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

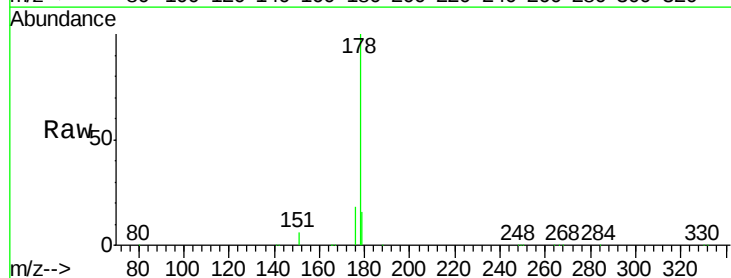
Tgt Ion:178 Resp: 35423

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

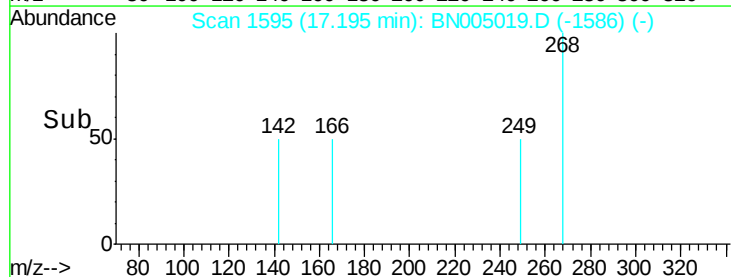
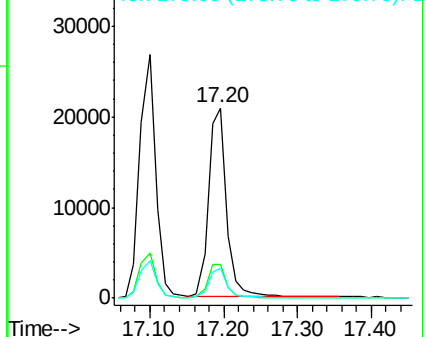
179 15.3 12.3 18.5

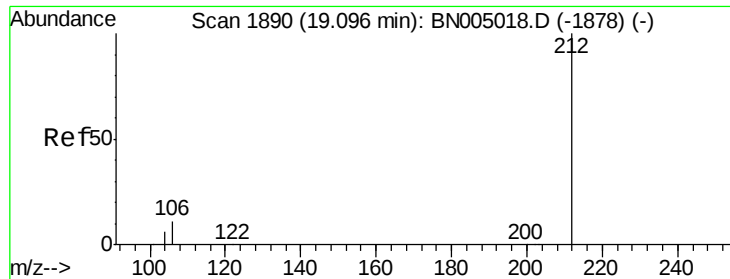


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.696 ng

RT: 19.10 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

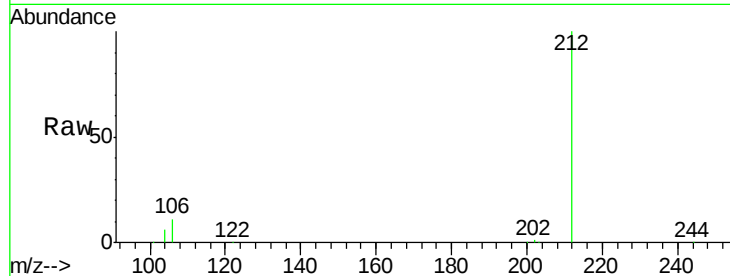
Tgt Ion:212 Resp: 40388

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.2

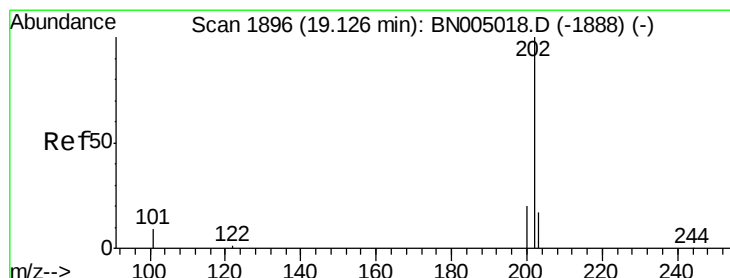
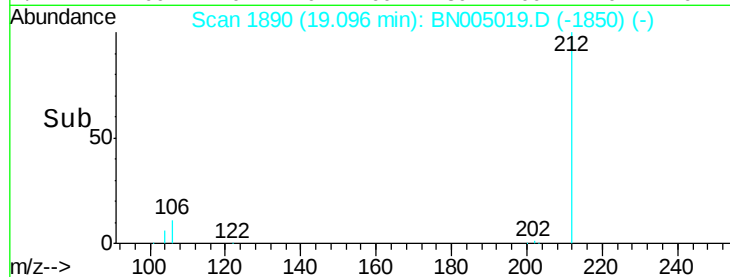
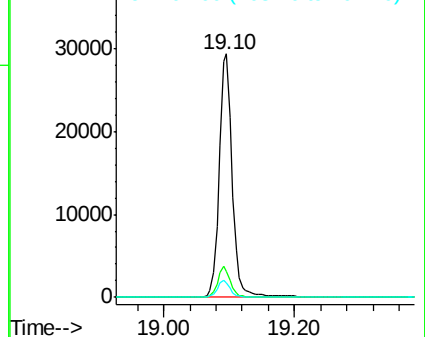
104 6.6 5.4 8.0



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: 0.676 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

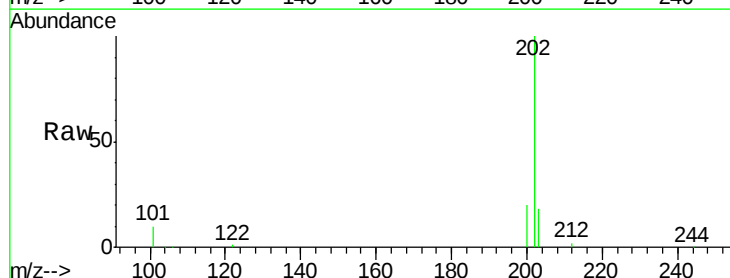
Tgt Ion:202 Resp: 48600

Ion Ratio Lower Upper

202 100

101 10.4 8.2 12.2

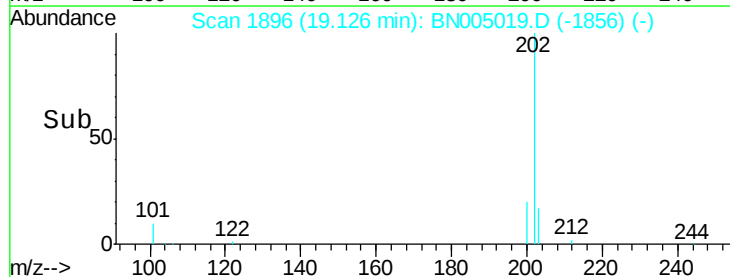
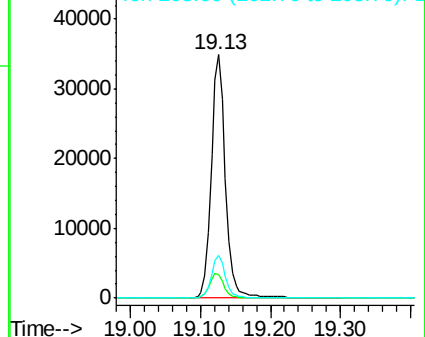
203 17.3 13.8 20.8

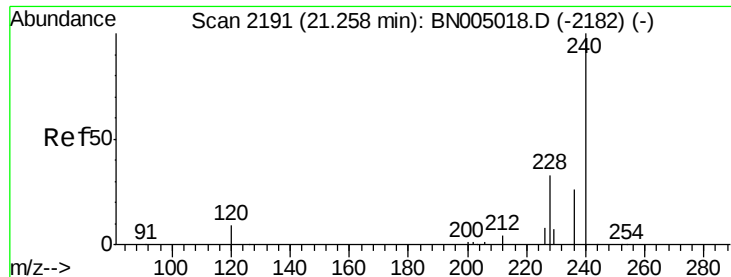


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

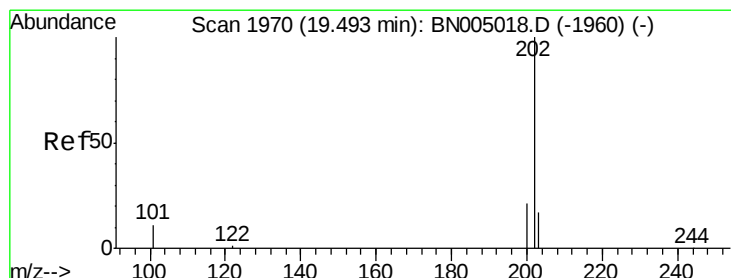
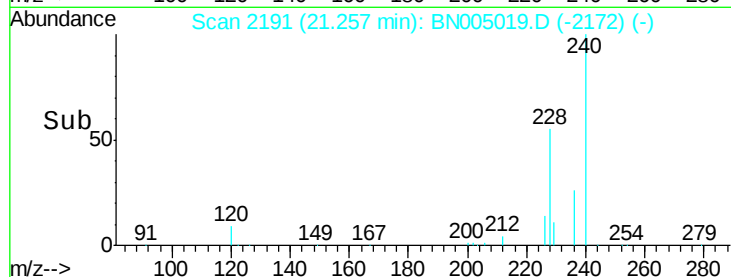
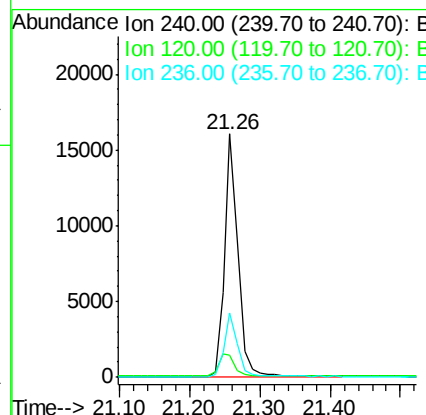
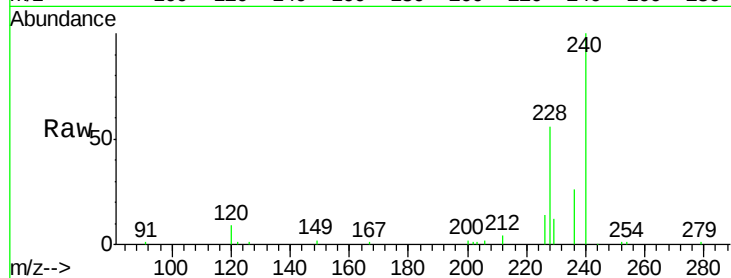




#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.26 min Scan# 2191  
 Delta R.T. -0.00 min  
 Lab File: BN005019.D  
 Acq: 28 Mar 2019 19:13

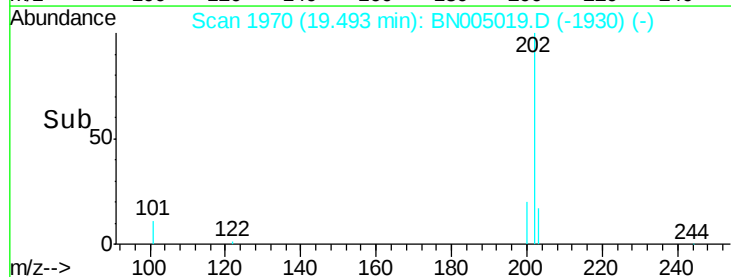
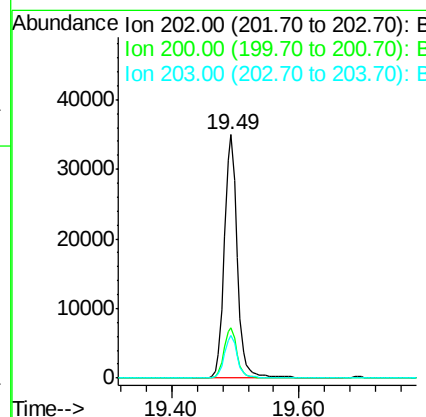
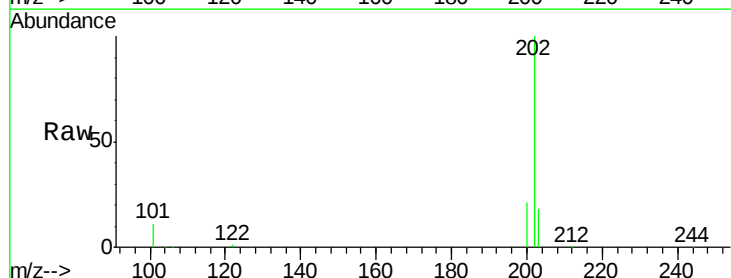
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

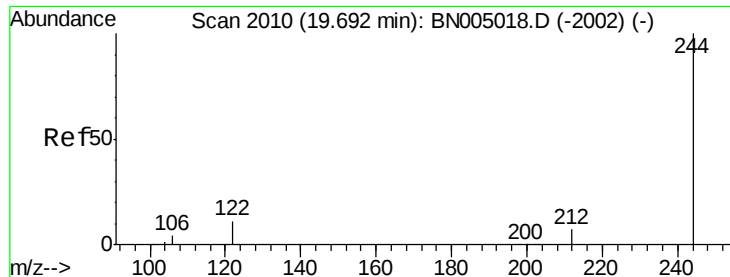
Tgt Ion:240 Resp: 21650  
 Ion Ratio Lower Upper  
 240 100  
 120 9.1 7.4 11.0  
 236 26.3 21.0 31.6



#28  
 Pyrene  
 Concen: 0.745 ng  
 RT: 19.49 min Scan# 1970  
 Delta R.T. -0.00 min  
 Lab File: BN005019.D  
 Acq: 28 Mar 2019 19:13

Tgt Ion:202 Resp: 49208  
 Ion Ratio Lower Upper  
 202 100  
 200 20.6 16.5 24.7  
 203 17.6 13.9 20.9

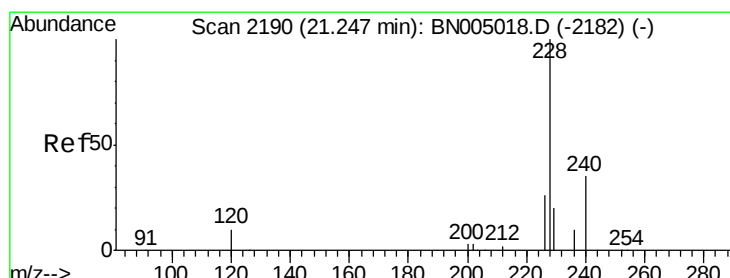
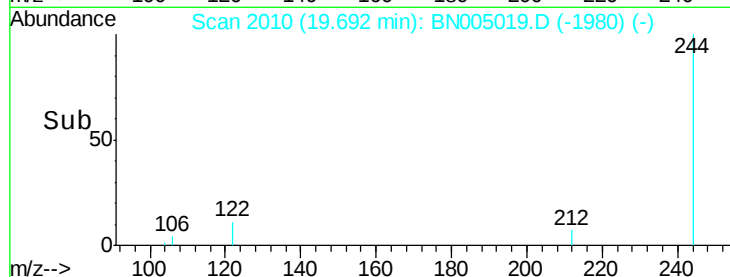
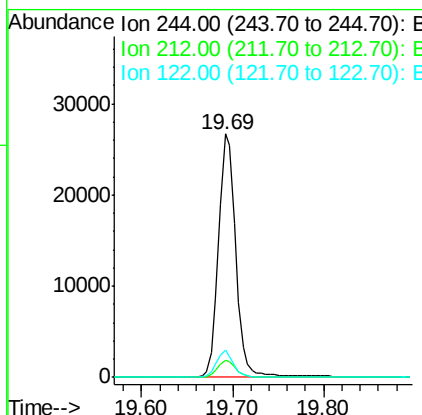
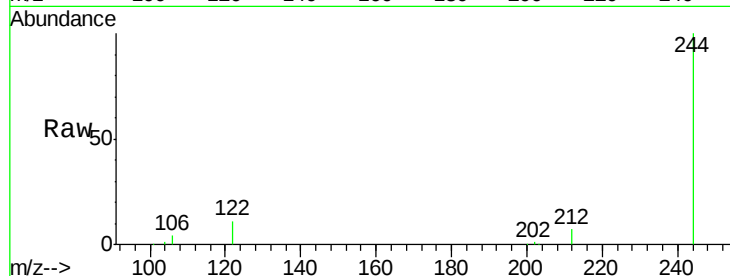




#29  
 Terphenyl-d14  
 Concen: 0.782 ng  
 RT: 19.69 min Scan# 2010  
 Delta R.T. -0.00 min  
 Lab File: BN005019.D  
 Acq: 28 Mar 2019 19:13

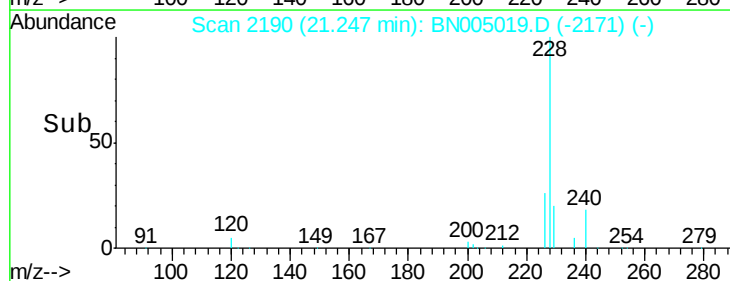
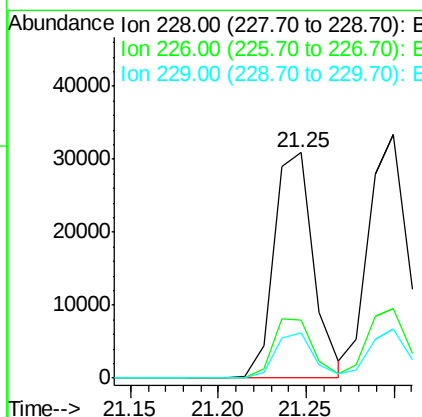
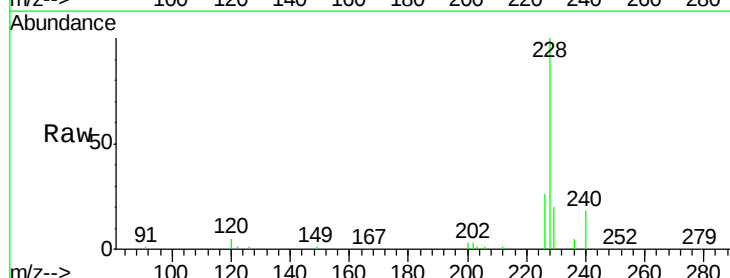
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

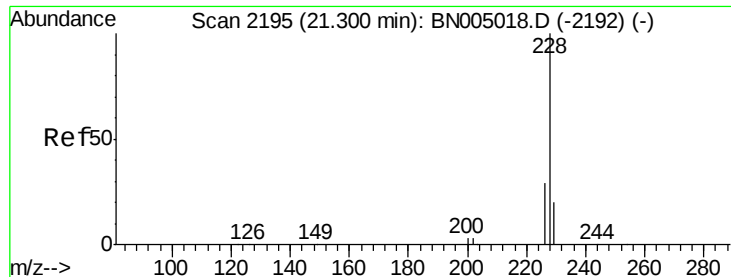
Tgt Ion:244 Resp: 34623  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.9 8.9  
 122 11.0 9.0 13.4



#30  
 Benzo(a)anthracene  
 Concen: 0.677 ng  
 RT: 21.25 min Scan# 2190  
 Delta R.T. -0.00 min  
 Lab File: BN005019.D  
 Acq: 28 Mar 2019 19:13

Tgt Ion:228 Resp: 48072  
 Ion Ratio Lower Upper  
 228 100  
 226 25.8 20.9 31.3  
 229 20.1 16.2 24.2





#31

Chrysene

Concen: 0.696 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.8

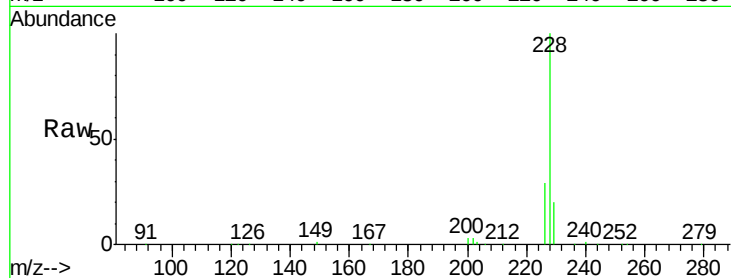
Tgt Ion:228 Resp: 52053

Ion Ratio Lower Upper

228 100

226 28.8 22.8 34.2

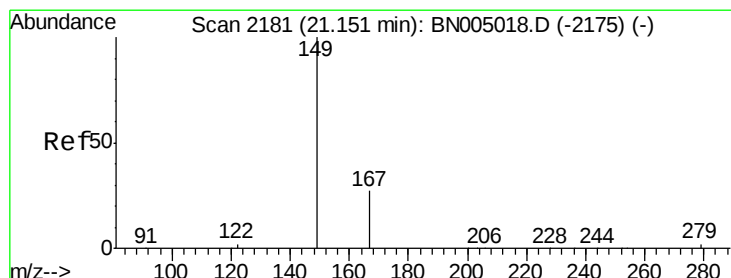
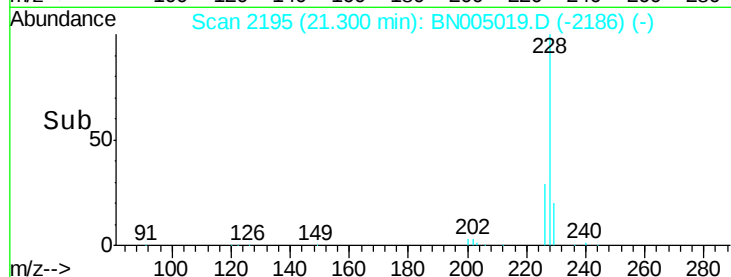
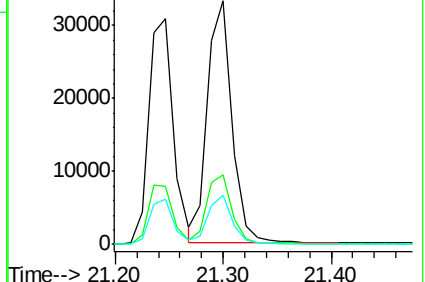
229 20.0 16.2 24.4



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: 0.651 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

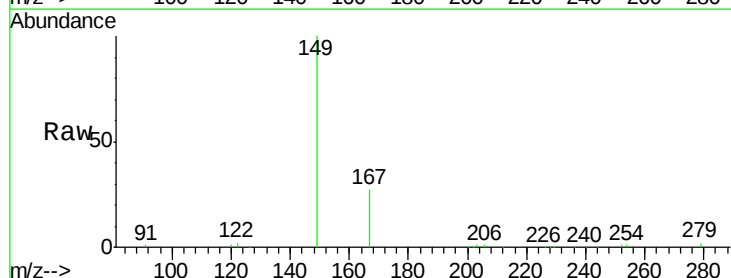
Tgt Ion:149 Resp: 18473

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

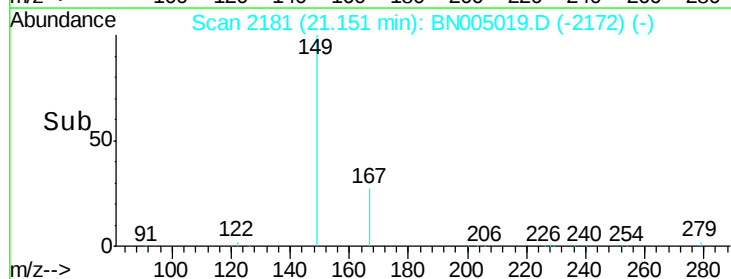
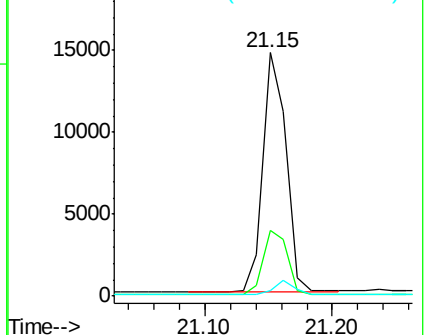
279 5.4 4.2 6.4

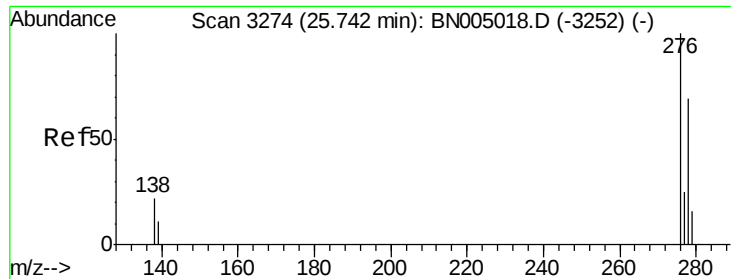


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.561 ng

RT: 25.74 min Scan# 3273

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

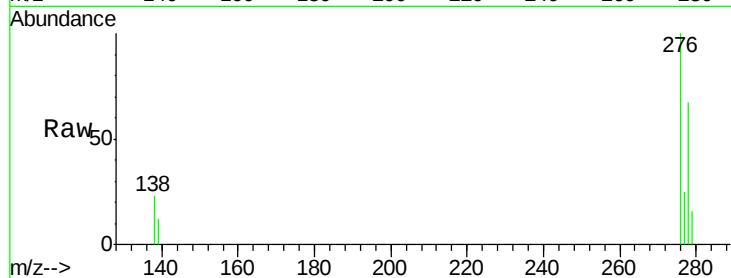
Tgt Ion:276 Resp: 60652

Ion Ratio Lower Upper

276 100

138 22.5 18.2 27.2

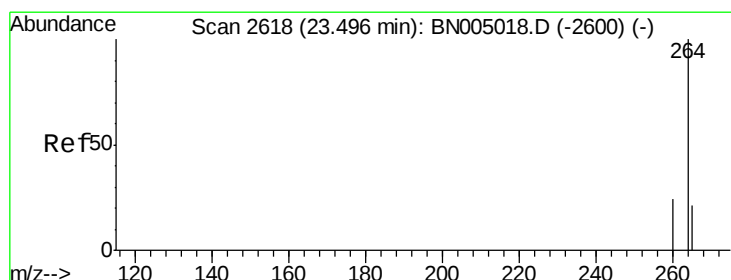
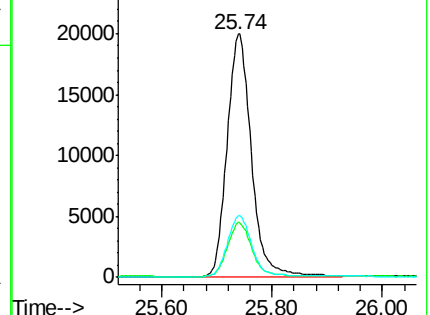
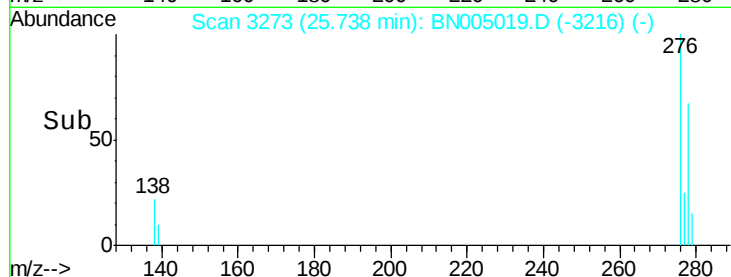
277 25.2 20.3 30.5



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: 23.50 min Scan# 2618

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

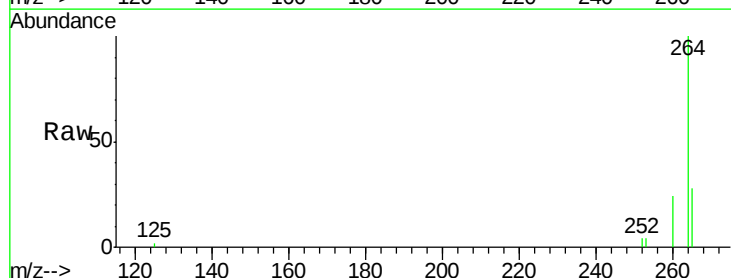
Tgt Ion:264 Resp: 20985

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

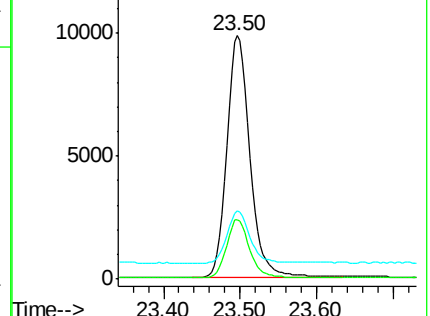
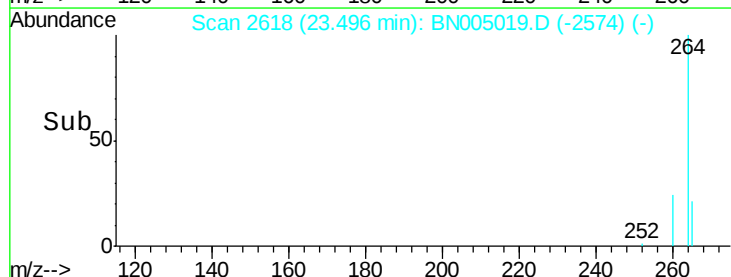
265 28.0 22.5 33.7

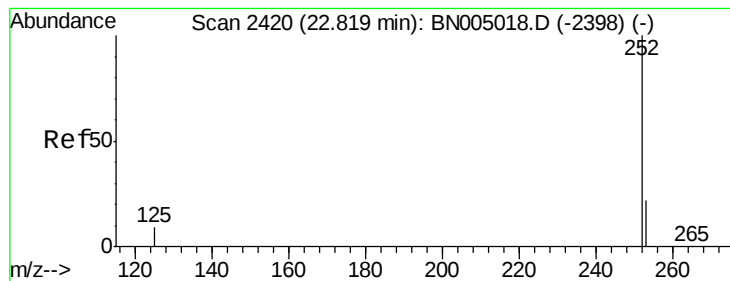


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.731 ng

RT: 22.82 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

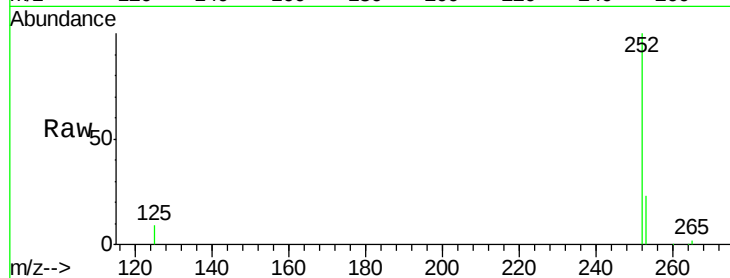
Tgt Ion:252 Resp: 55476

Ion Ratio Lower Upper

252 100

253 22.8 19.2 28.8

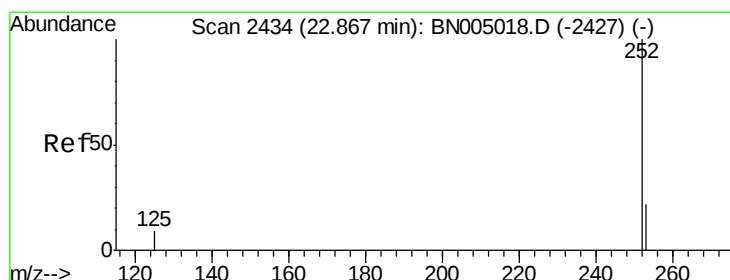
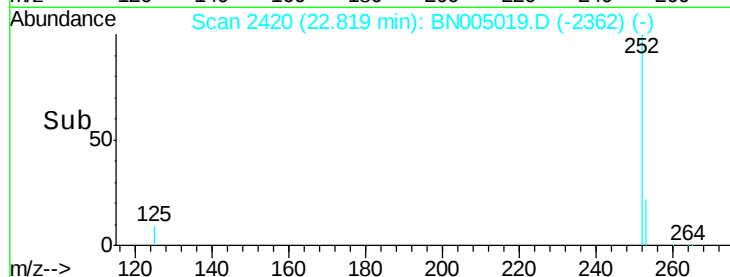
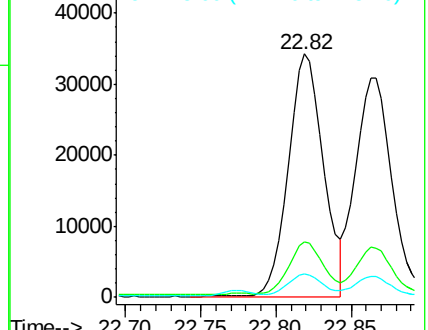
125 9.5 8.2 12.2



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: 0.711 ng

RT: 22.86 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

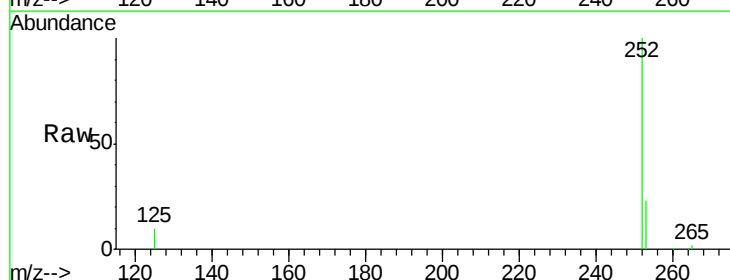
Tgt Ion:252 Resp: 53100

Ion Ratio Lower Upper

252 100

253 22.6 19.3 28.9

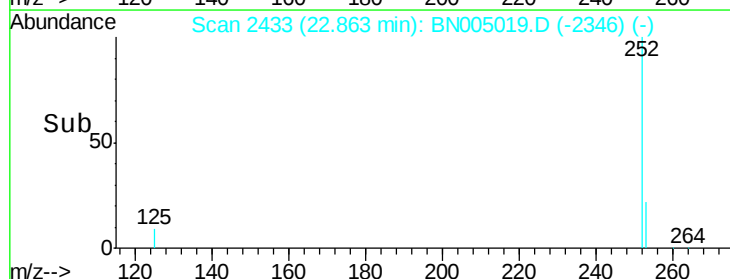
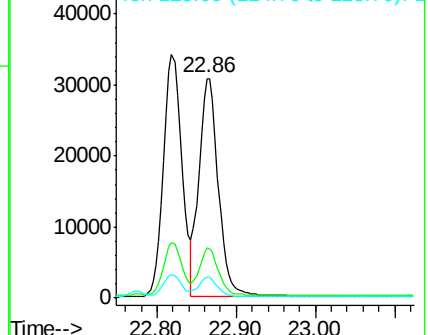
125 9.7 8.2 12.2

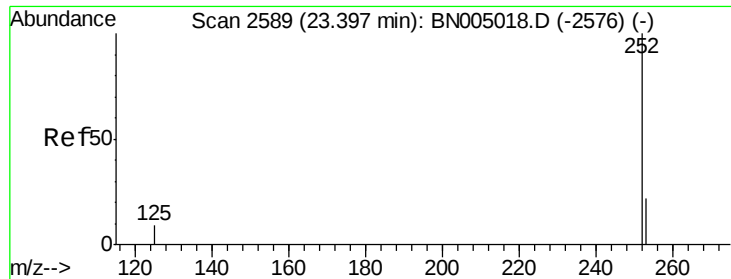


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.706 ng

RT: 23.40 min Scan# 2589

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.8

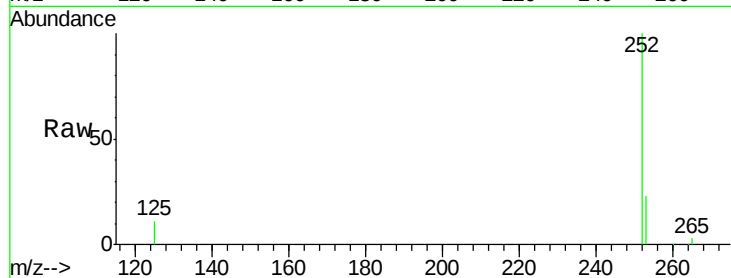
Tgt Ion:252 Resp: 49138

Ion Ratio Lower Upper

252 100

253 23.3 20.2 30.2

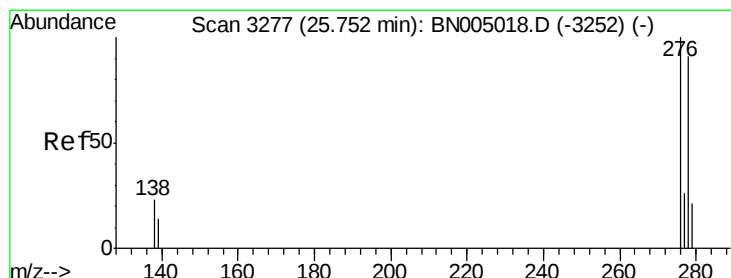
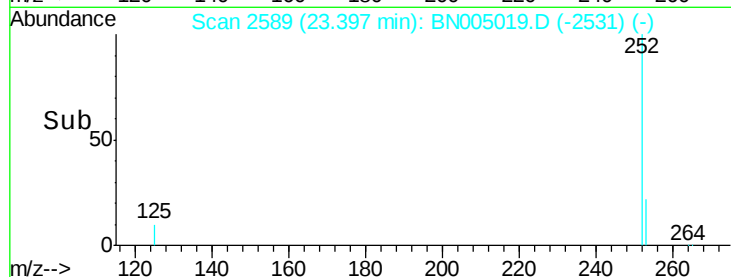
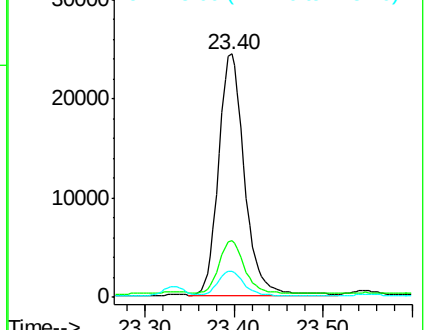
125 10.8 9.2 13.8



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: 0.615 ng

RT: 25.75 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN005019.D

Acq: 28 Mar 2019 19:13

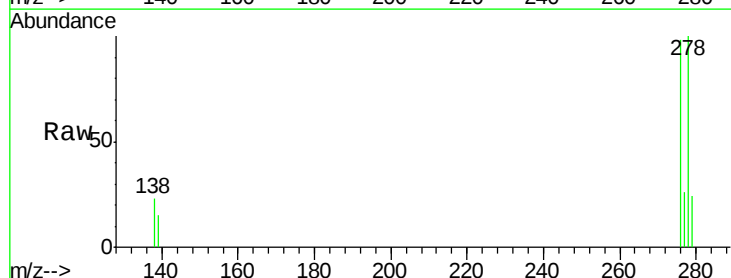
Tgt Ion:278 Resp: 49595

Ion Ratio Lower Upper

278 100

139 15.4 13.1 19.7

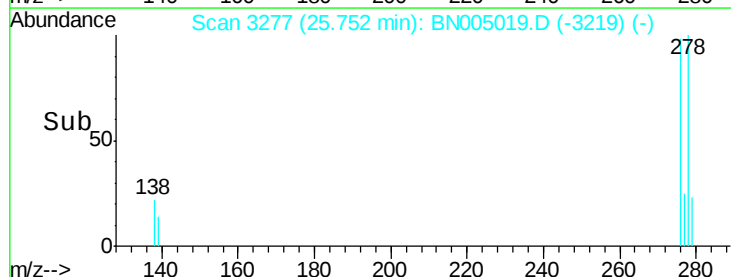
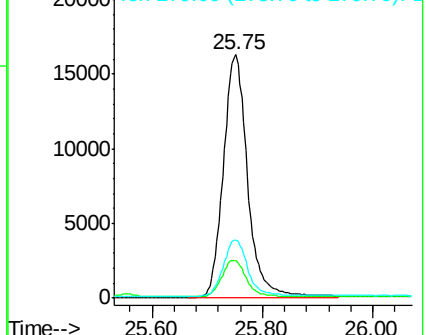
279 24.1 20.2 30.2

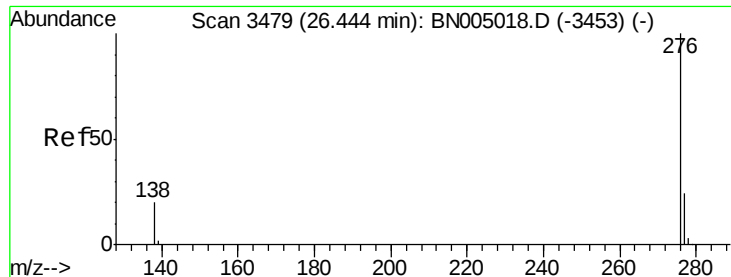


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.605 ng

RT: 26.43 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BN005019.D

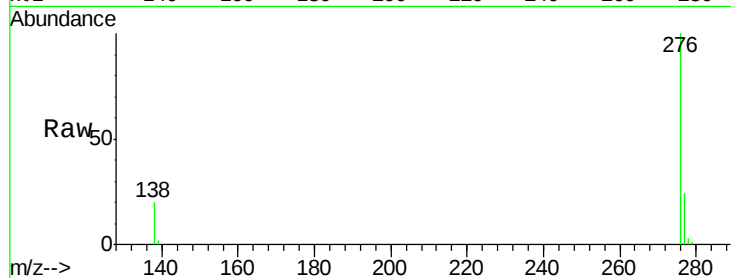
Acq: 28 Mar 2019 19:13

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.8



Tgt Ion: 276 Resp: 49693

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.6

138 20.0 16.4 24.6

