

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\  
 Data File : BN008841.D  
 Acq On : 04 Dec 2019 14:19  
 Operator : JU  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

Quant Time: Dec 04 15:42:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 04 14:04:21 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 3278     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.33 | 136  | 14374    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.19 | 164  | 10055    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.94 | 188  | 21924    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.14 | 240  | 23179    | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.30 | 264  | 25115    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.21  | 112 | 28989  | 2.57 | ng | 0.00 |
| 5) Phenol-d6                | 6.76  | 99  | 40770  | 2.54 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.71  | 82  | 42529  | 3.38 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.92 | 152 | 80232  | 3.31 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.70 | 330 | 19205  | 3.51 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.81 | 172 | 124303 | 3.00 | ng | 0.00 |
| 25) Fluoranthene-d10        | 18.98 | 212 | 222454 | 3.01 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.59 | 244 | 179332 | 3.15 | ng | 0.00 |

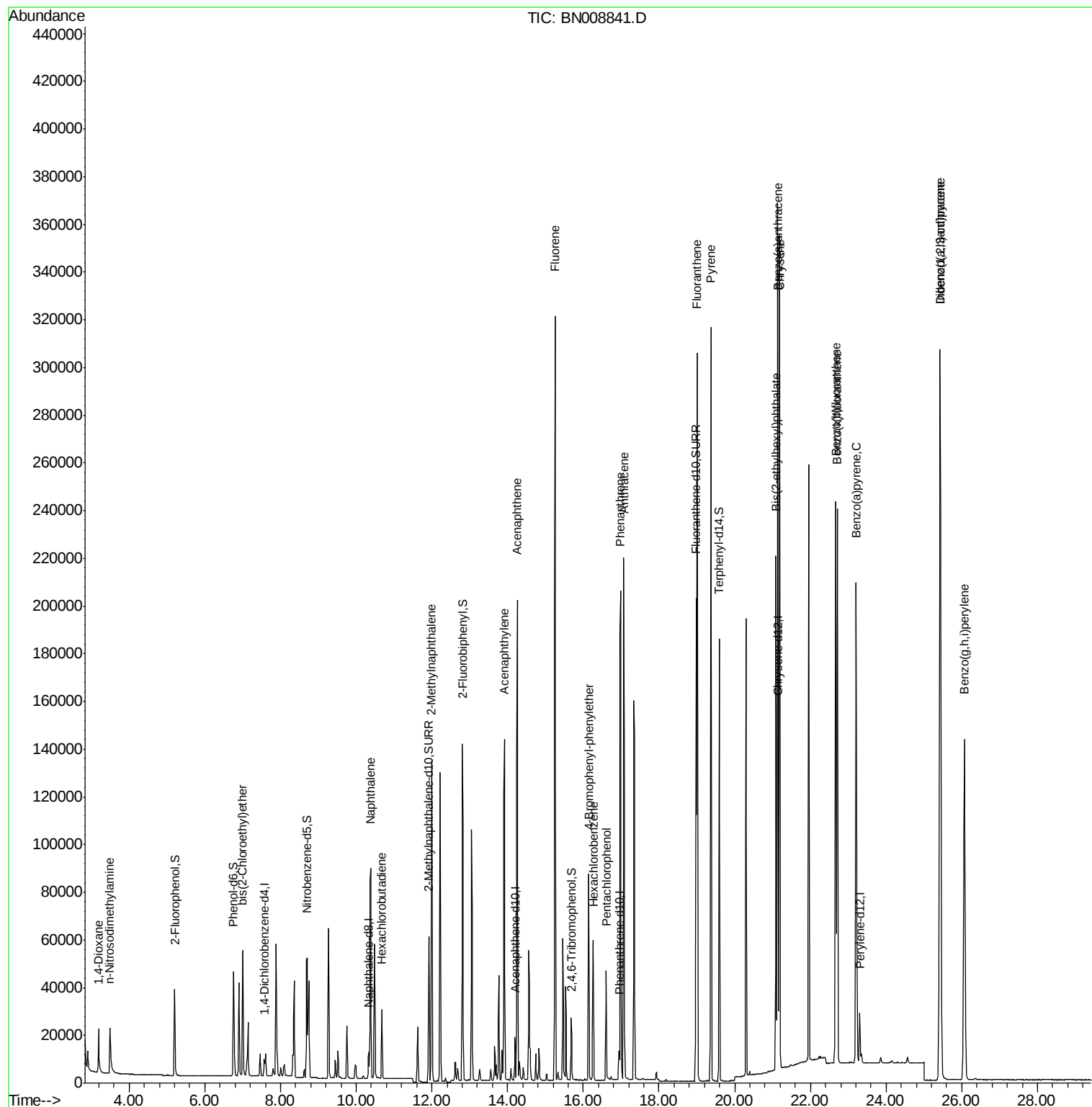
|                                |       |     |        |        |    |       |
|--------------------------------|-------|-----|--------|--------|----|-------|
| Target Compounds               |       |     |        | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.19  | 88  | 10770  | 2.948  | ng | # 100 |
| 3) n-Nitrosodimethylamine      | 3.49  | 42  | 15702  | 9.383  | ng | # 100 |
| 6) bis(2-Chloroethyl)ether     | 7.01  | 93  | 36473  | 3.930  | ng | 97    |
| 9) Naphthalene                 | 10.38 | 128 | 126080 | 3.126  | ng | 99    |
| 10) Hexachlorobutadiene        | 10.67 | 225 | 24451  | 2.878  | ng | # 100 |
| 12) 2-Methylnaphthalene        | 12.00 | 142 | 94544  | 3.468  | ng | 99    |
| 16) Acenaphthylene             | 13.91 | 152 | 162265 | 3.043  | ng | 100   |
| 17) Acenaphthene               | 14.26 | 154 | 99712  | 2.900  | ng | 99    |
| 18) Fluorene                   | 15.25 | 166 | 132686 | 3.011  | ng | 100   |
| 20) 4-Bromophenyl-phenylether  | 16.15 | 248 | 43796  | 3.291  | ng | 96    |
| 21) Hexachlorobenzene          | 16.26 | 284 | 49076  | 3.373  | ng | 100   |
| 22) Pentachlorophenol          | 16.60 | 266 | 22526  | 4.199  | ng | 97    |
| 23) Phenanthrene               | 16.99 | 178 | 223291 | 3.269  | ng | 100   |
| 24) Anthracene                 | 17.07 | 178 | 211038 | 3.421  | ng | 100   |
| 26) Fluoranthene               | 19.01 | 202 | 268890 | 3.166  | ng | 100   |
| 28) Pyrene                     | 19.37 | 202 | 272516 | 3.447  | ng | 100   |
| 30) Benzo(a)anthracene         | 21.13 | 228 | 279574 | 3.275  | ng | 100   |
| 31) Chrysene                   | 21.19 | 228 | 273447 | 3.287  | ng | 99    |
| 32) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 171984 | 3.918  | ng | 100   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.43 | 276 | 326170 | 3.132  | ng | 100   |
| 35) Benzo(b)fluoranthene       | 22.67 | 252 | 277032 | 3.177  | ng | # 91  |
| 36) Benzo(k)fluoranthene       | 22.71 | 252 | 272408 | 3.160  | ng | # 90  |
| 37) Benzo(a)pyrene             | 23.21 | 252 | 260974 | 3.185  | ng | # 90  |
| 38) Dibenzo(a,h)anthracene     | 25.44 | 278 | 263558 | 3.144  | ng | 95    |
| 39) Benzo(g,h,i)perylene       | 26.07 | 276 | 268640 | 3.238  | ng | 97    |

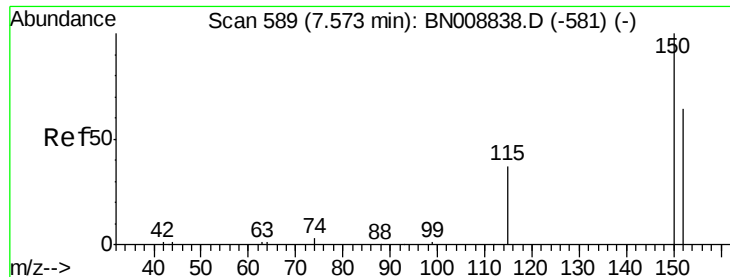
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 04 14:04:21 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

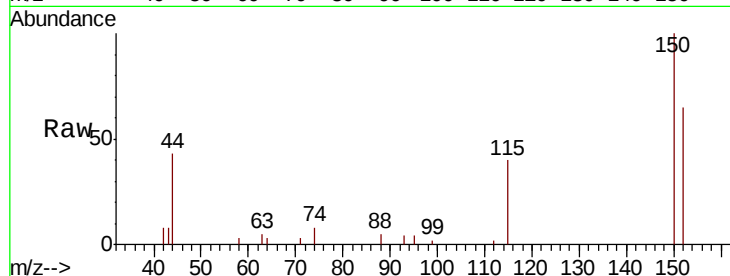
Tot Ion:152 Resp: 3278

Ion Ratio Lower Upper

152 100

150 154.4 123.9 185.9

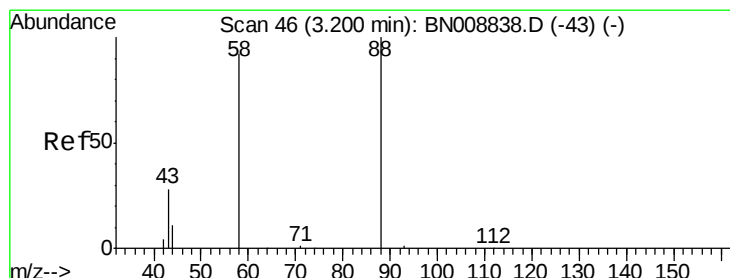
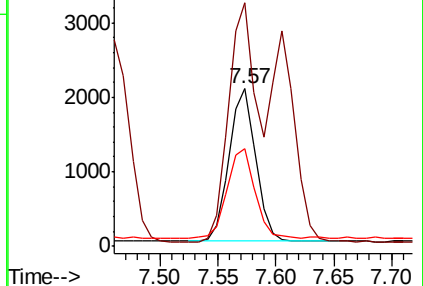
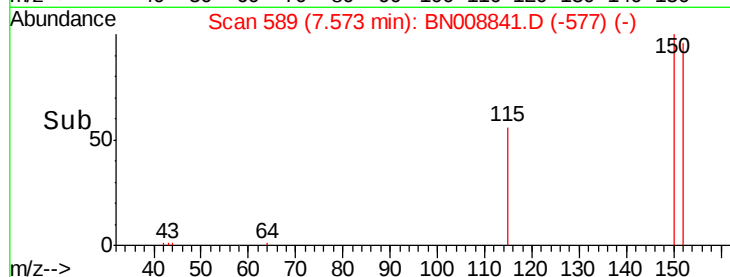
115 62.0 49.9 74.9



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: 2.948 ng

RT: 3.19 min Scan# 45

Delta R.T. -0.01 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

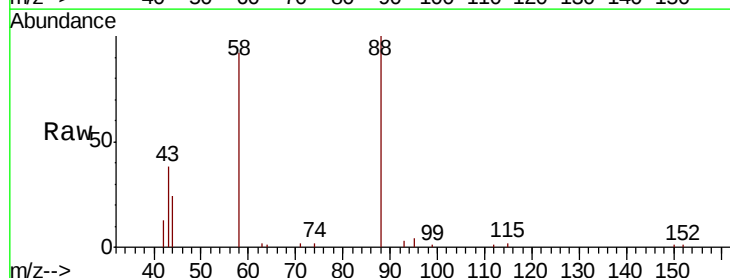
Tgt Ion: 88 Resp: 10770

Ion Ratio Lower Upper

88 100

58 105.3 0.0 0.0#

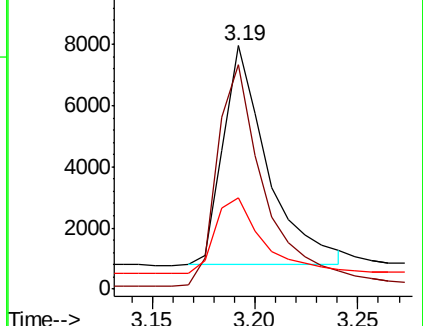
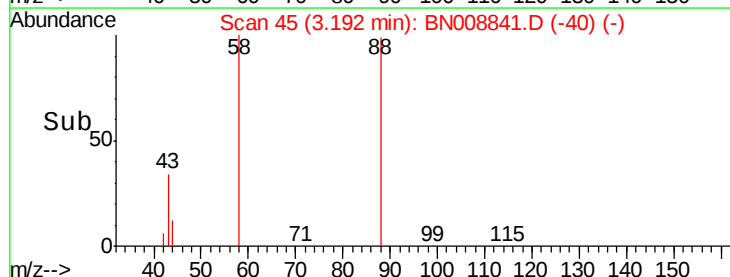
43 37.0 0.0 0.0#

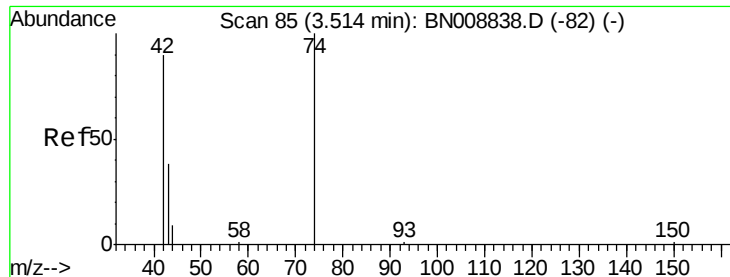


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 9.383 ng

RT: 3.49 min Scan# 82

Delta R.T. -0.02 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

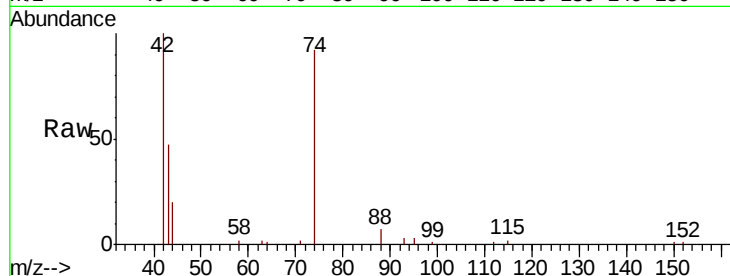
Tot Ion: 42 Resp: 15702

Ion Ratio Lower Upper

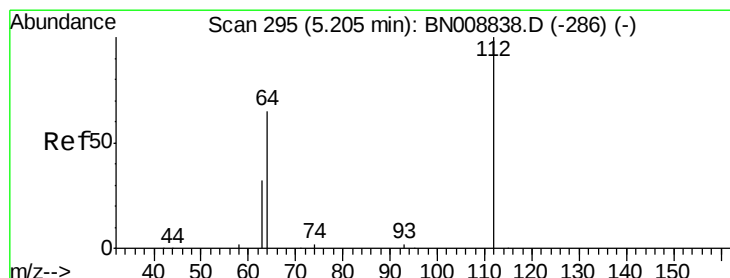
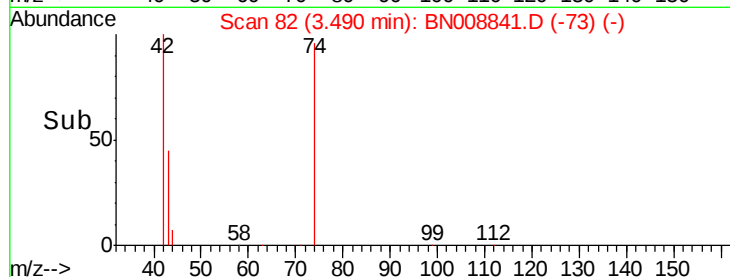
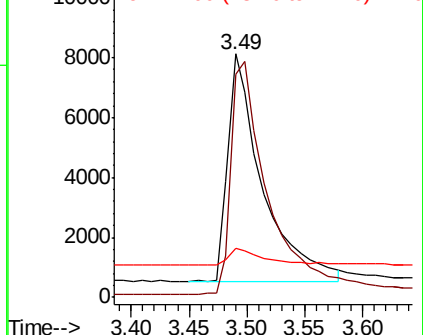
42 100

74 110.0 0.0 0.0#

44 8.0 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0  
Ion 74.00 (73.70 to 74.70): BN0  
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 2.569 ng

RT: 5.21 min Scan# 295

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

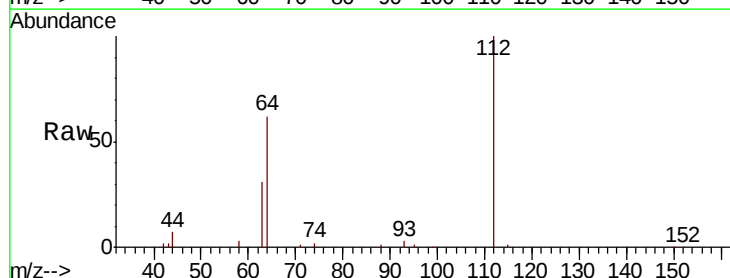
Tgt Ion: 112 Resp: 28989

Ion Ratio Lower Upper

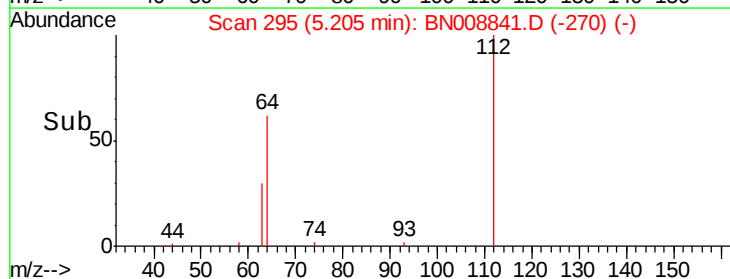
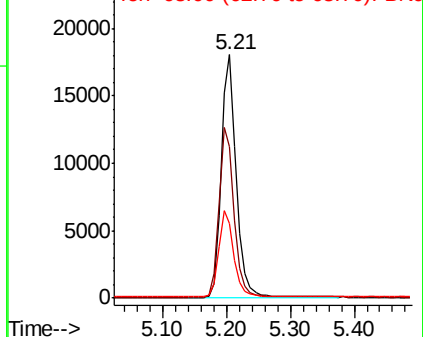
112 100

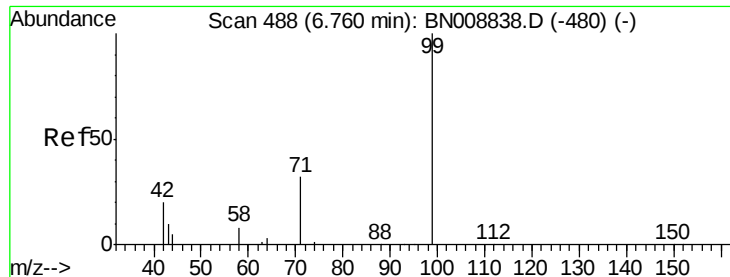
64 70.7 56.3 84.5

63 35.7 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BN0  
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 2.536 ng

RT: 6.76 min Scan# 488

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

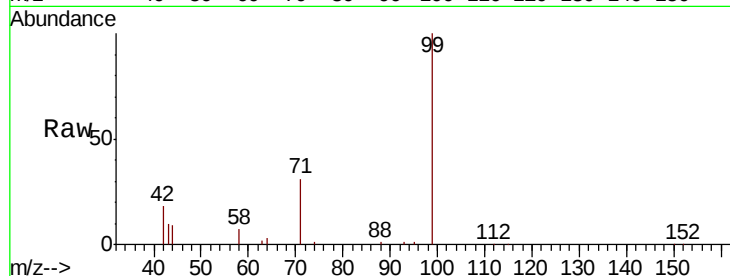
Tot Ion: 99 Resp: 40770

Ion Ratio Lower Upper

99 100

42 22.6 18.1 27.1

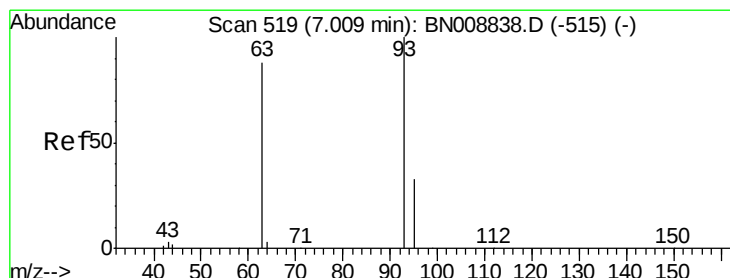
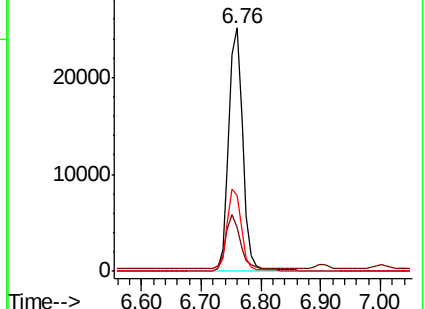
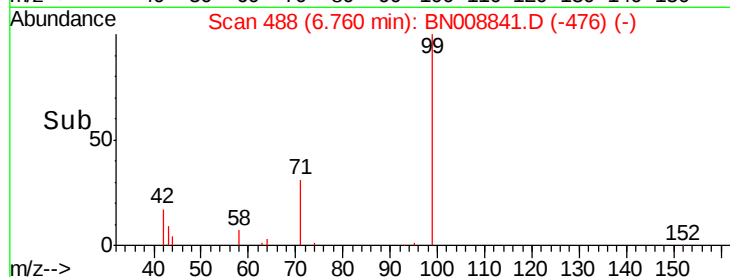
71 33.9 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN008841.D (-476) (-)

Ion 42.00 (41.70 to 42.70): BN008841.D (-476) (-)

Ion 71.00 (70.70 to 71.70): BN008841.D (-476) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.930 ng

RT: 7.01 min Scan# 519

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

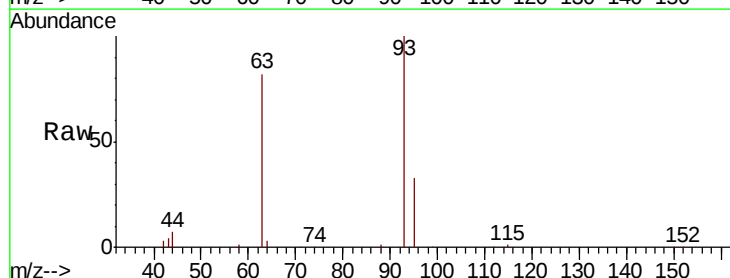
Tgt Ion: 93 Resp: 36473

Ion Ratio Lower Upper

93 100

63 93.8 72.1 108.1

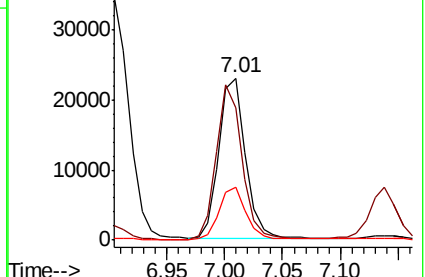
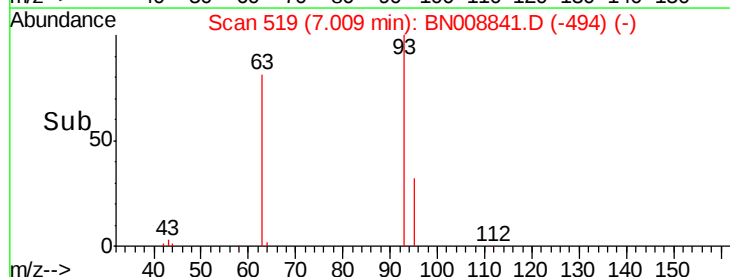
95 32.5 25.7 38.5

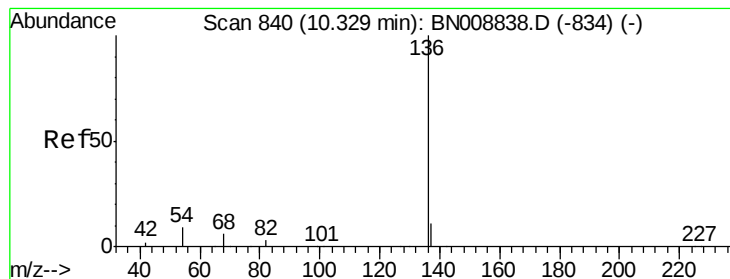


Abundance Ion 93.00 (92.70 to 93.70): BN008841.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN008841.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN008841.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 14374

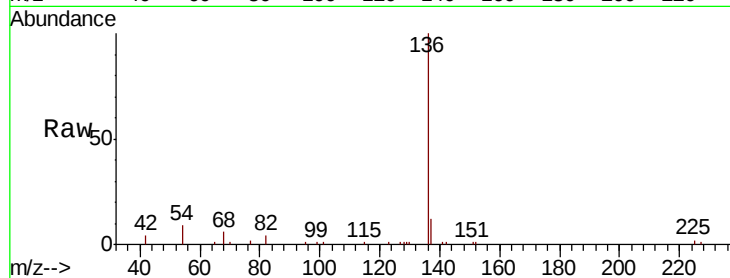
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 9.3 8.2 12.2

68 6.0 5.4 8.2

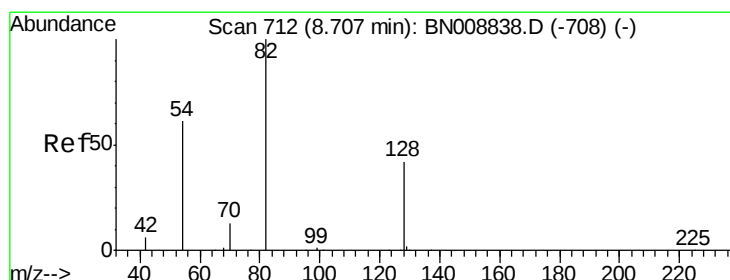
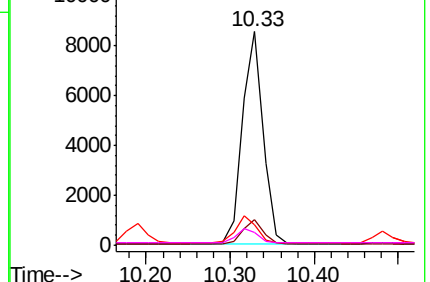
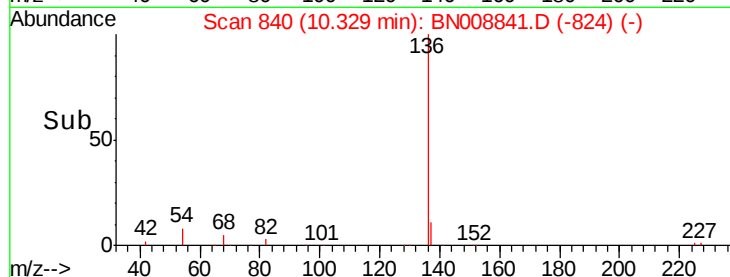


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.383 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

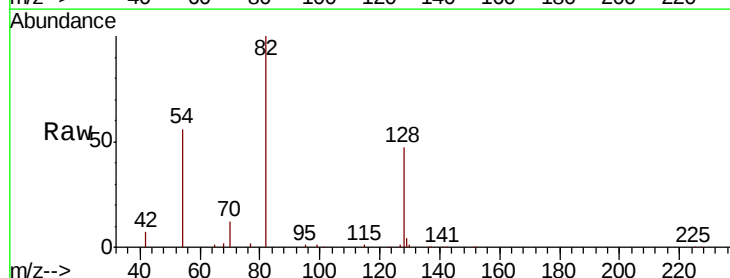
Tgt Ion: 82 Resp: 42529

Ion Ratio Lower Upper

82 100

128 46.9 35.0 52.6

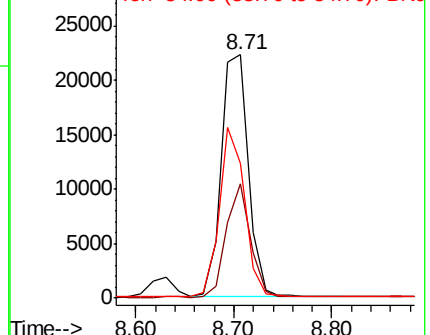
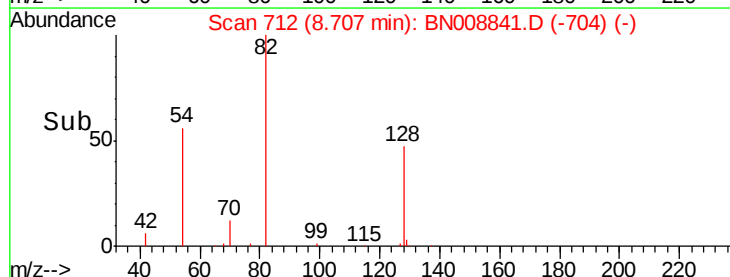
54 55.5 50.2 75.2

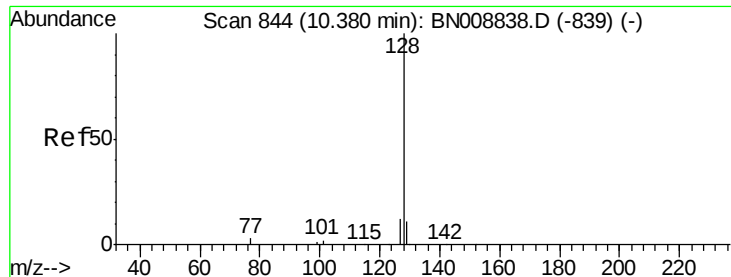


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.126 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

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ClientSampleId :

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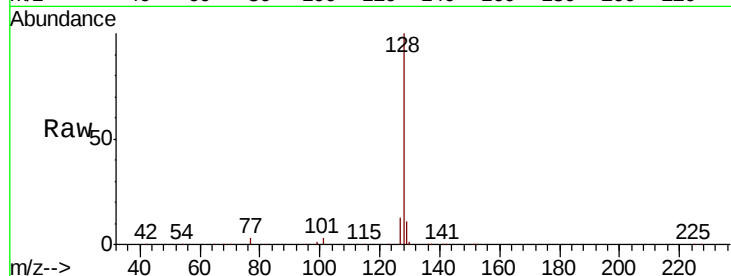
Tot Ion:128 Resp: 126080

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

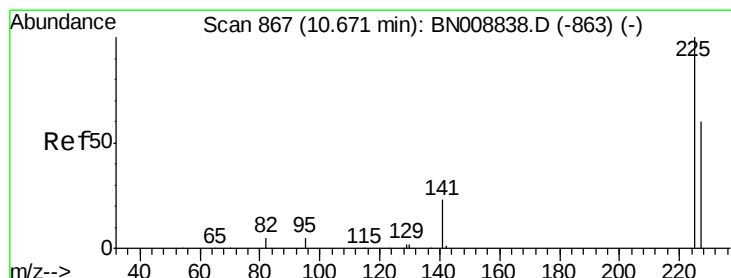
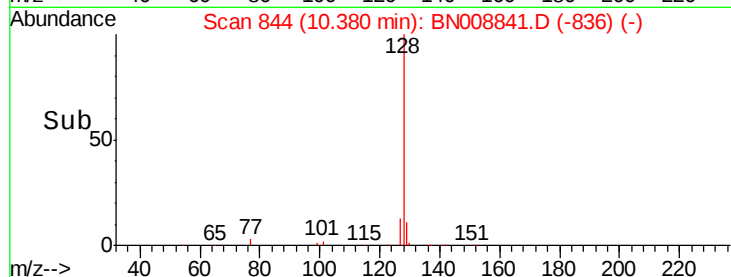
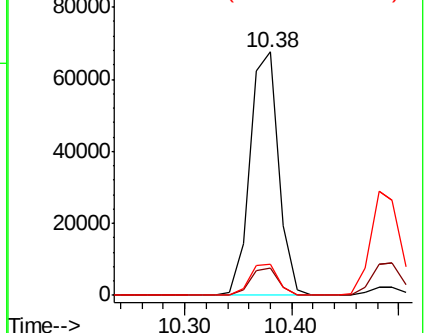
127 12.7 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 2.878 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

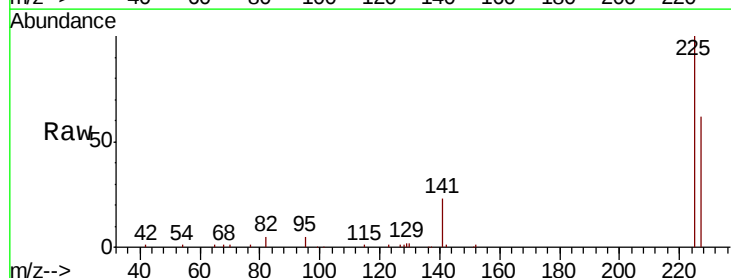
Tgt Ion:225 Resp: 24451

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

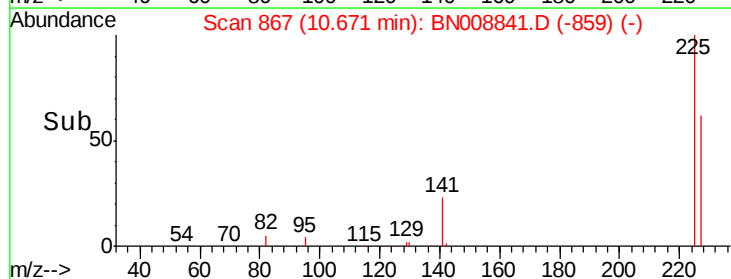
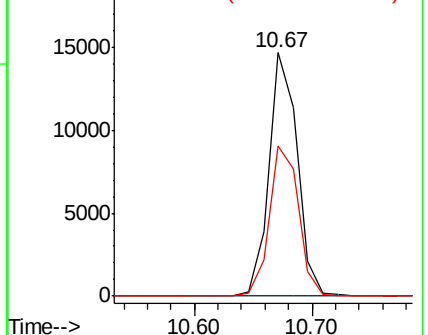
227 63.6 50.9 76.3

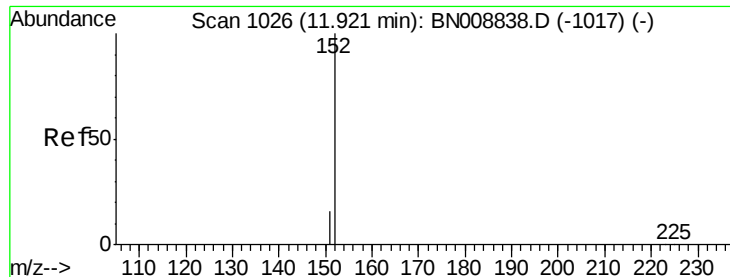


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

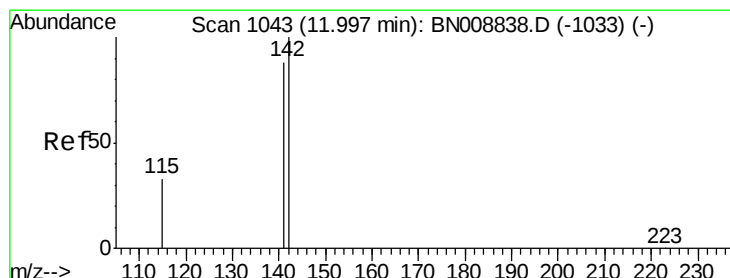
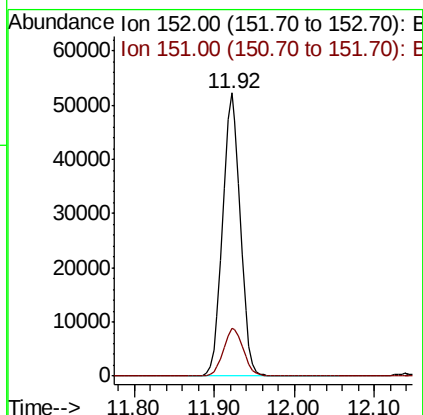
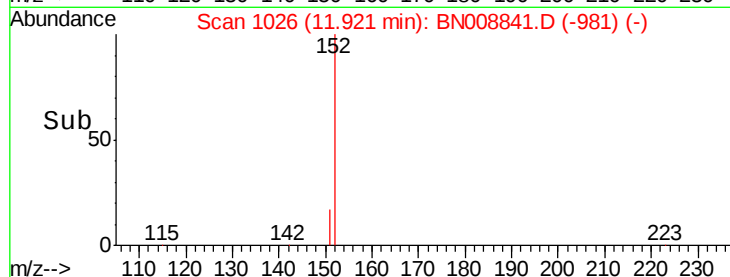
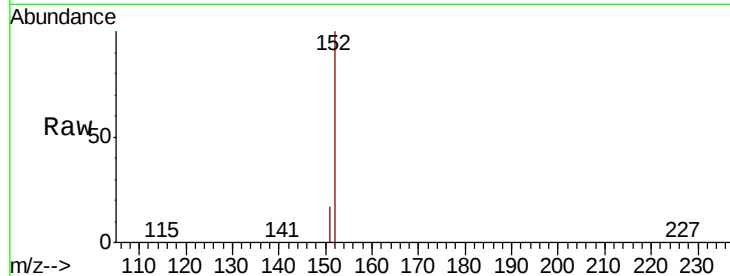




#11  
2-Methylnaphthalene-d10  
Concen: 3.313 ng  
RT: 11.92 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BN008841.D  
Acq: 04 Dec 2019 14:19

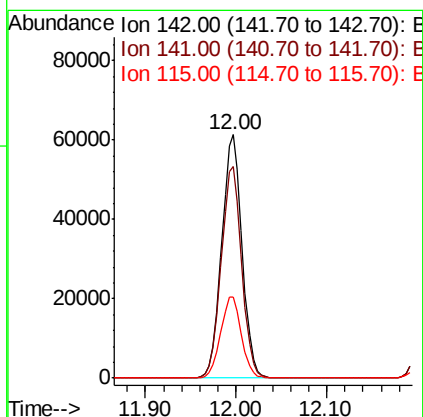
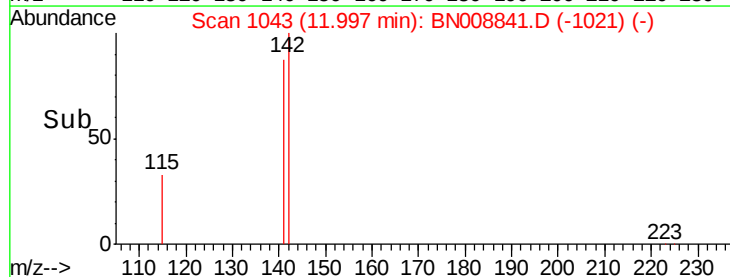
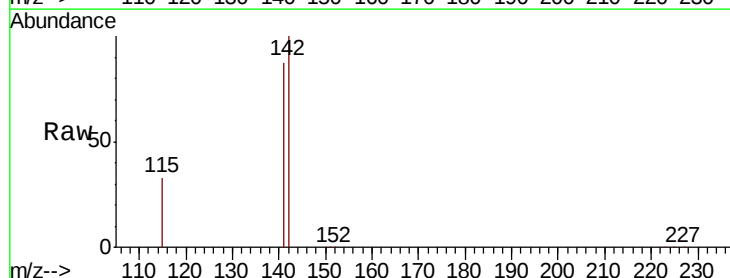
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

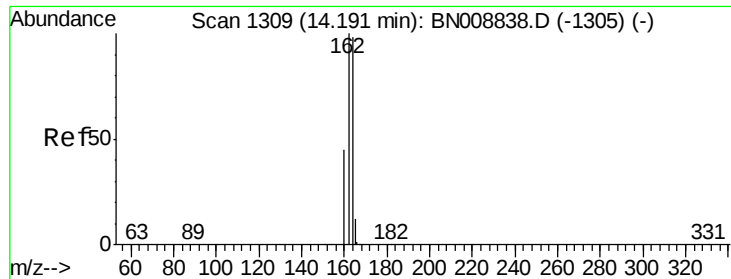
Tot Ion:152 Resp: 80232  
Ion Ratio Lower Upper  
152 100  
151 18.9 15.2 22.8



#12  
2-Methylnaphthalene  
Concen: 3.468 ng  
RT: 12.00 min Scan# 1043  
Delta R.T. -0.00 min  
Lab File: BN008841.D  
Acq: 04 Dec 2019 14:19

Tgt Ion:142 Resp: 94544  
Ion Ratio Lower Upper  
142 100  
141 86.8 70.2 105.4  
115 33.2 27.6 41.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

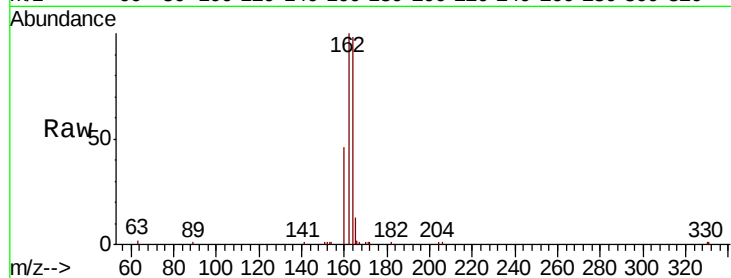
BNA\_N

ClientSampleId :

SSTDICC3.2

Tot Ion:164 Resp: 10055

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.1 | 81.9  | 122.9 |
| 160 | 46.6  | 37.4  | 56.2  |

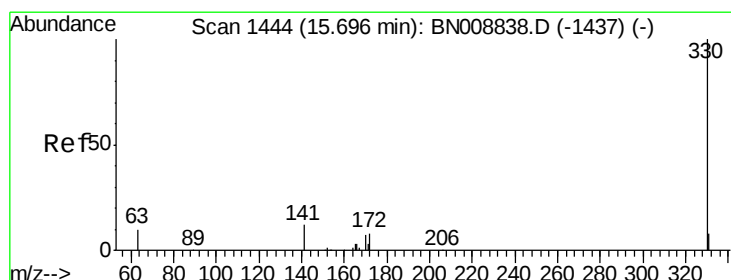
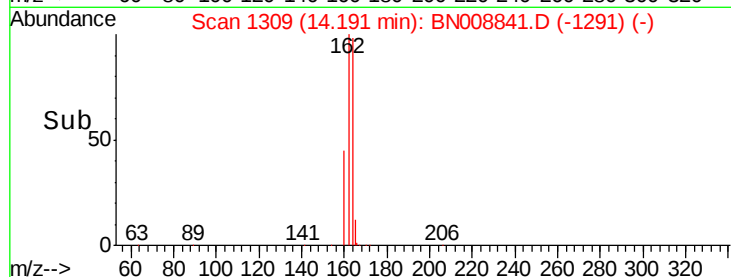
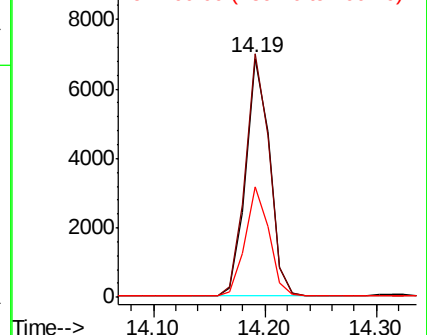


Abundance

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: 3.507 ng

RT: 15.70 min Scan# 1444

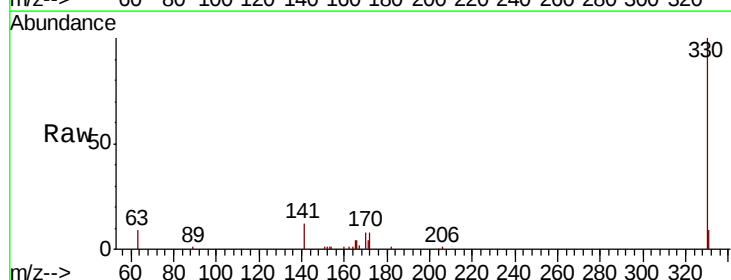
Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Tgt Ion:330 Resp: 19205

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 0.0   | 0.0   | 0.0   |
| 141 | 32.7  | 26.2  | 39.4  |

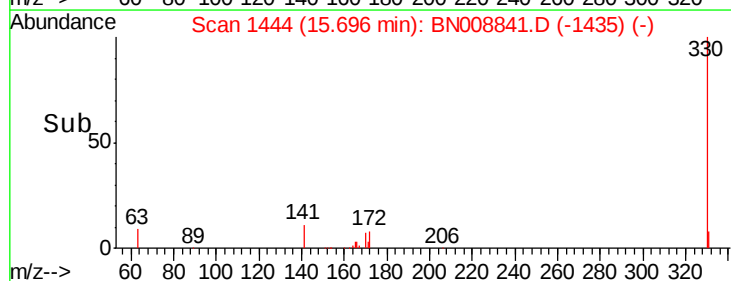
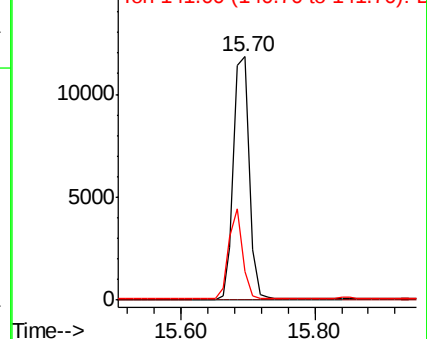


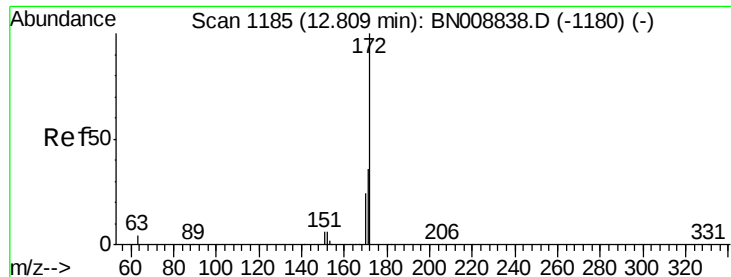
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

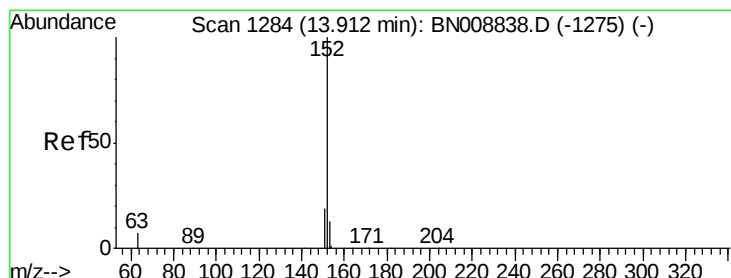
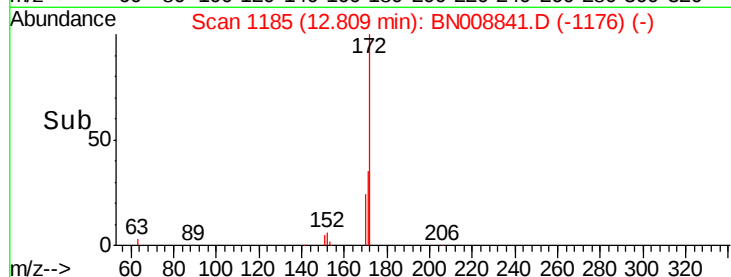
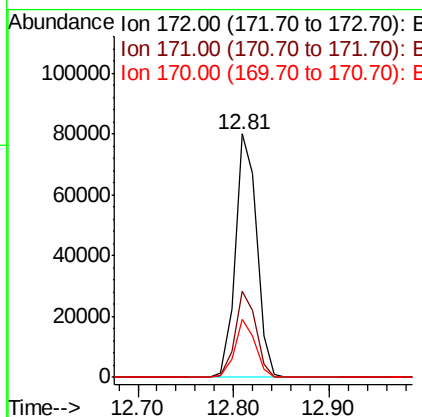
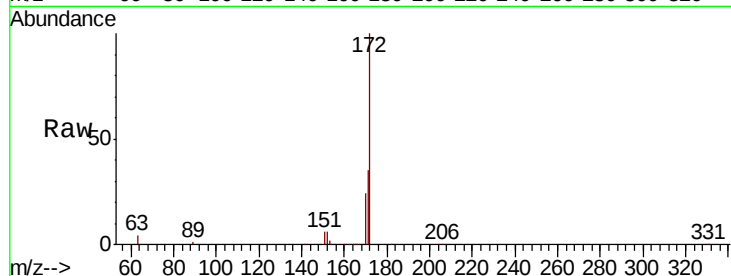




#15  
2-Fluorobiphenyl  
Concen: 3.001 ng  
RT: 12.81 min Scan# 1185  
Delta R.T. -0.00 min  
Lab File: BN008841.D  
Acq: 04 Dec 2019 14:19

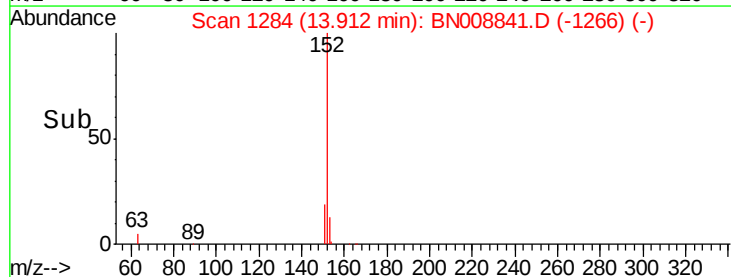
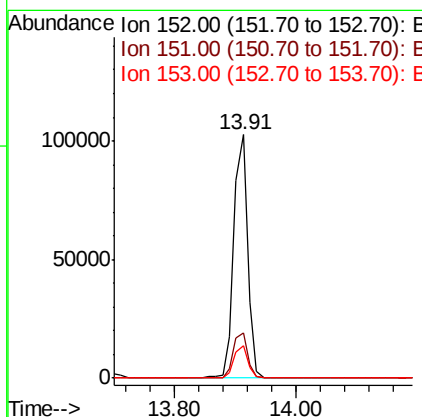
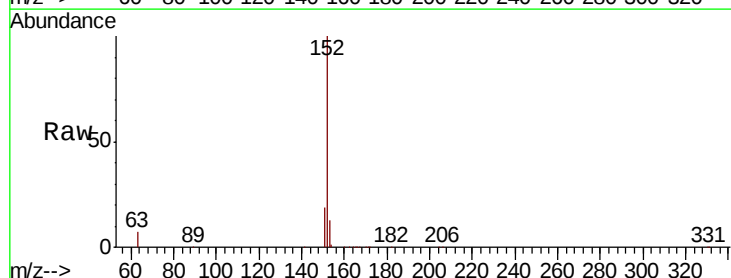
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

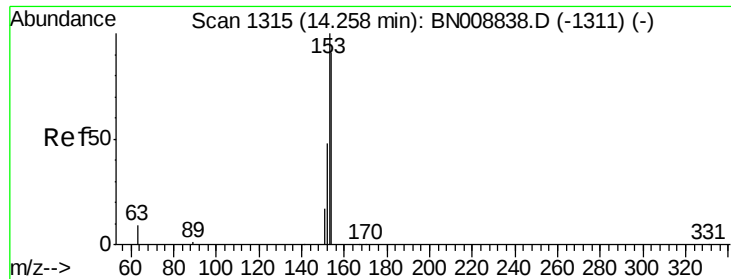
Tot Ion:172 Resp: 124303  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.9 43.3  
170 23.6 19.7 29.5



#16  
Acenaphthylene  
Concen: 3.043 ng  
RT: 13.91 min Scan# 1284  
Delta R.T. -0.00 min  
Lab File: BN008841.D  
Acq: 04 Dec 2019 14:19

Tgt Ion:152 Resp: 162265  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.4 23.2  
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 2.900 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

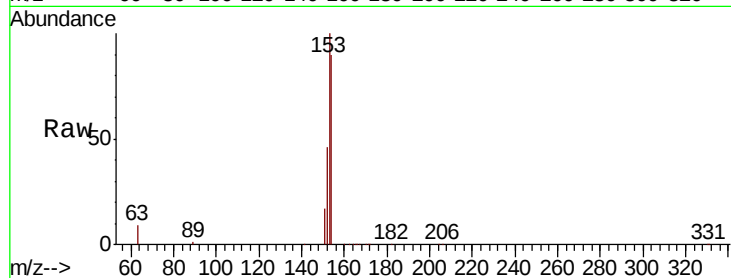
Tot Ion:154 Resp: 99712

Ion Ratio Lower Upper

154 100

153 111.6 89.4 134.2

152 53.1 43.8 65.8

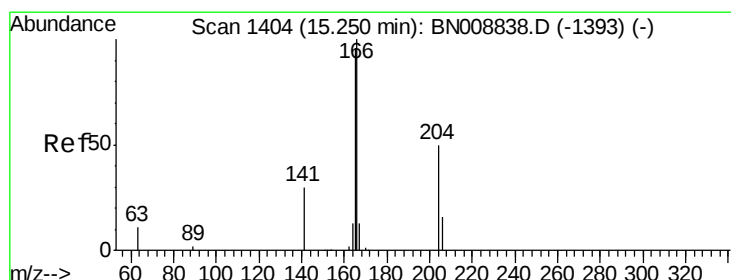
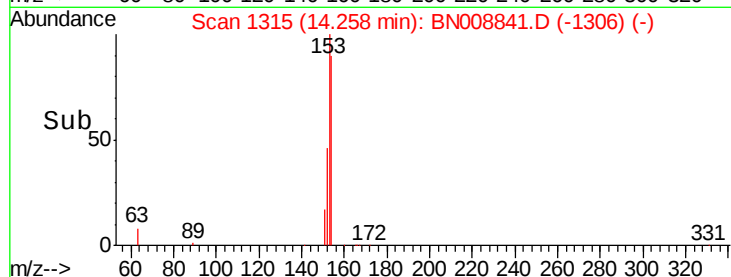
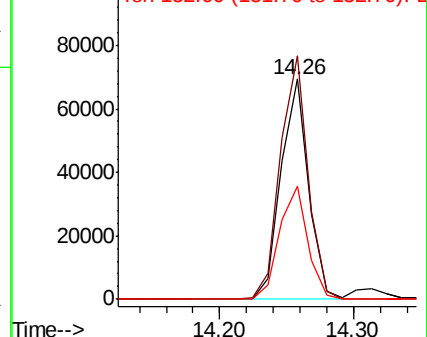


Abundance

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: 3.011 ng

RT: 15.25 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

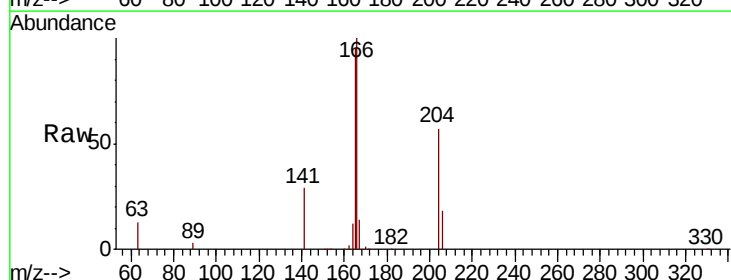
Tgt Ion:166 Resp: 132686

Ion Ratio Lower Upper

166 100

165 96.3 77.0 115.6

167 13.5 10.8 16.2

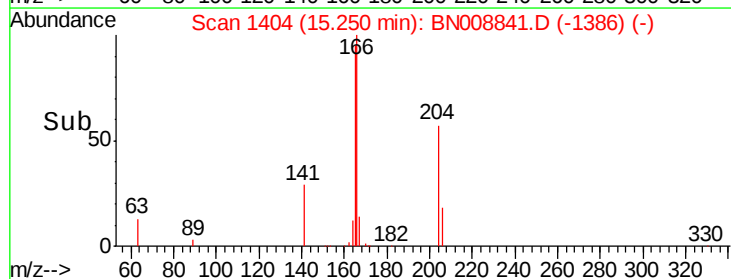
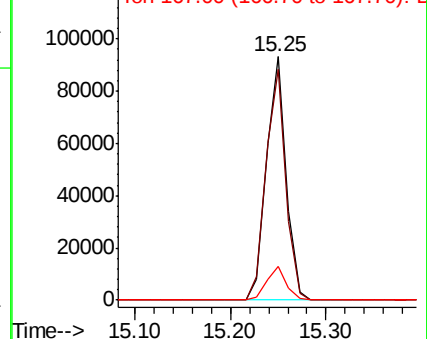


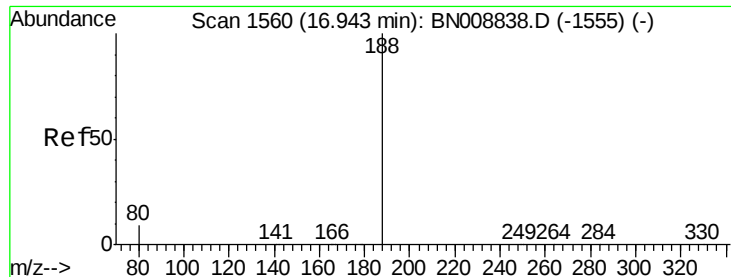
Abundance

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: 16.94 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

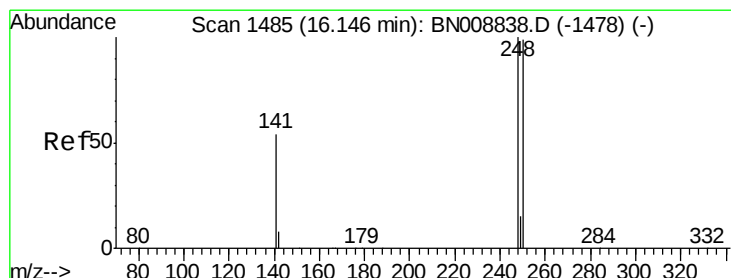
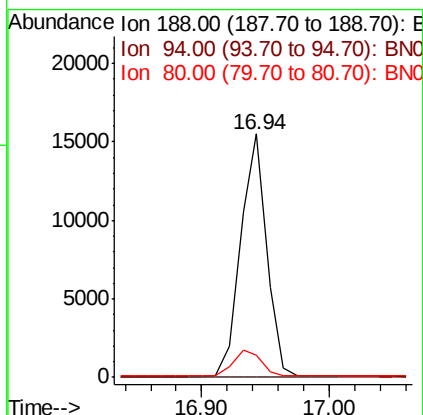
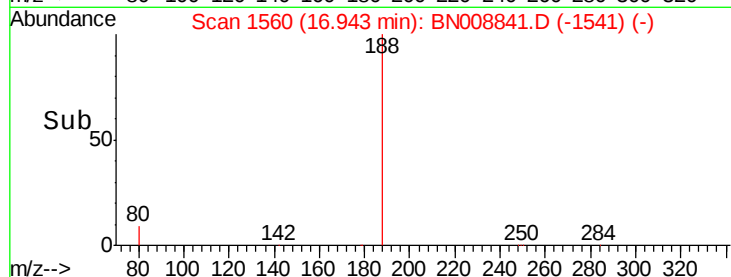
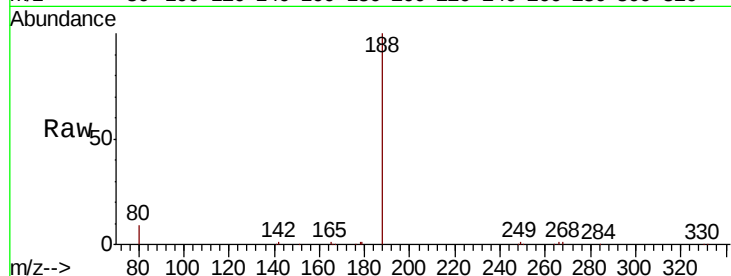
Tot Ion:188 Resp: 21924

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 3.291 ng

RT: 16.15 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

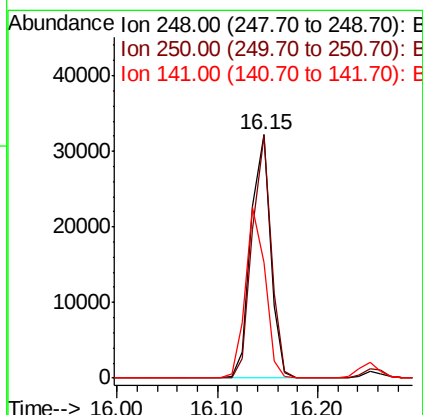
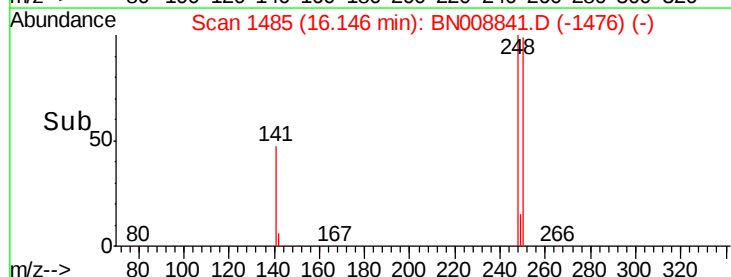
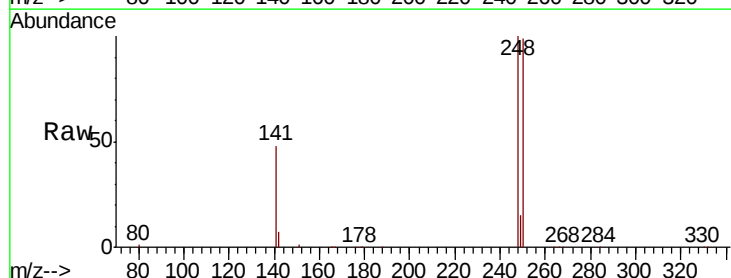
Tgt Ion:248 Resp: 43796

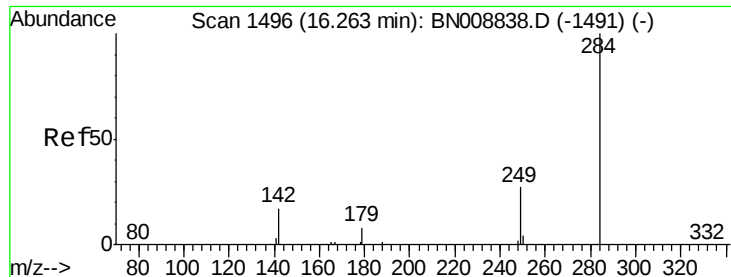
Ion Ratio Lower Upper

248 100

250 99.3 79.7 119.5

141 47.6 44.7 67.1





#21

Hexachlorobenzene

Concen: 3.373 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

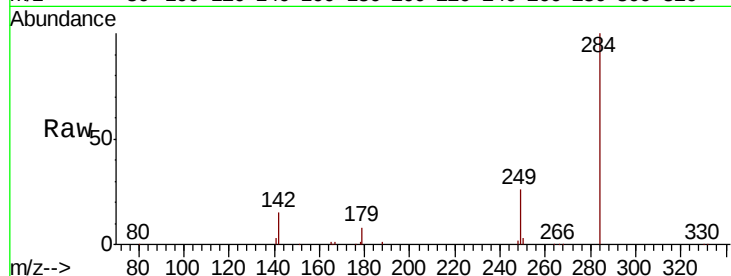
Tot Ion:284 Resp: 49076

Ion Ratio Lower Upper

284 100

142 31.7 25.4 38.0

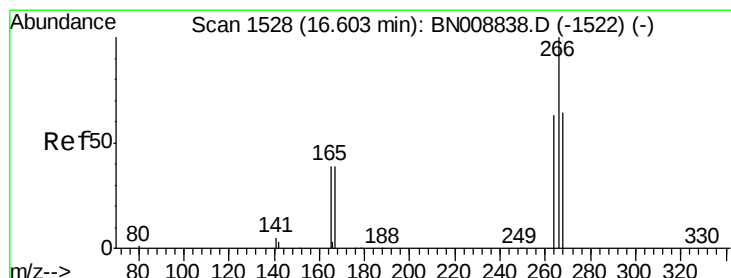
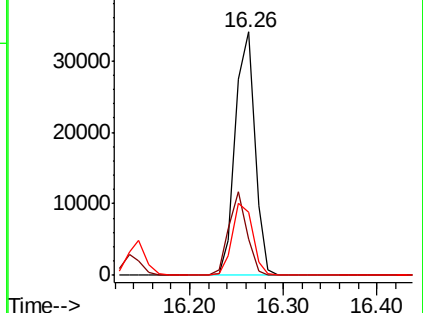
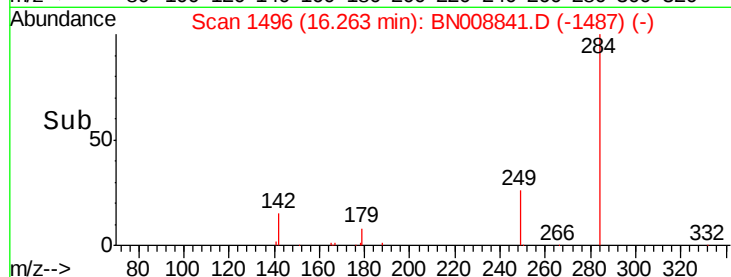
249 30.7 24.3 36.5



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: 4.199 ng

RT: 16.60 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

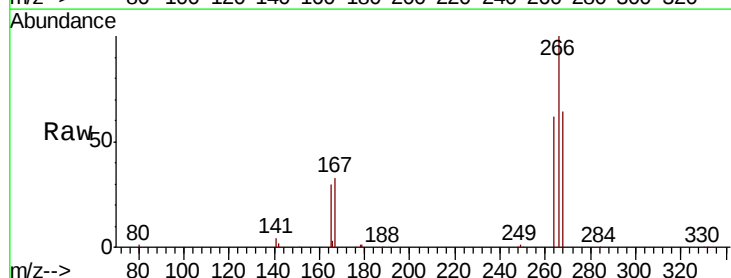
Tgt Ion:266 Resp: 22526

Ion Ratio Lower Upper

266 100

264 61.6 51.0 76.4

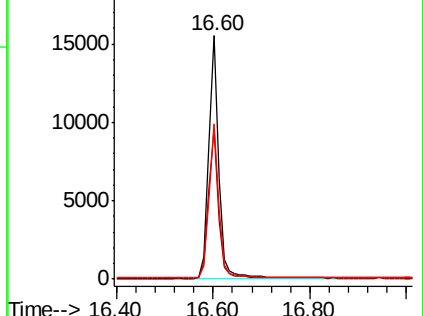
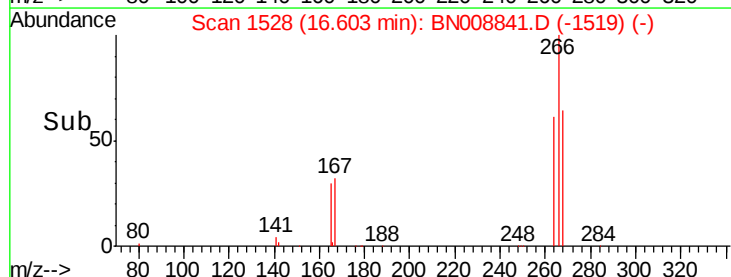
268 63.8 53.7 80.5

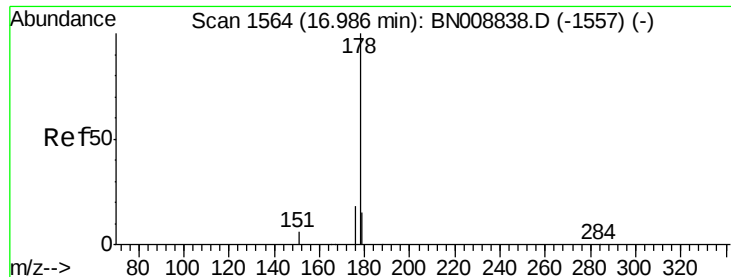


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.269 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

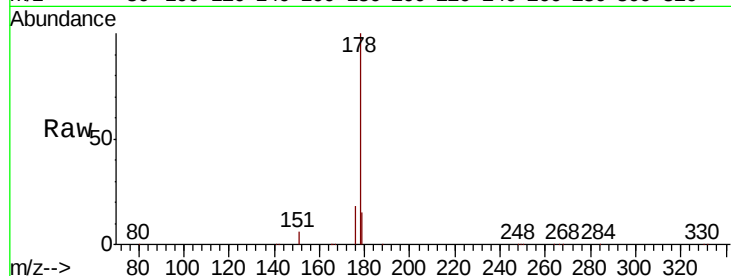
Tot Ion:178 Resp: 223291

Ion Ratio Lower Upper

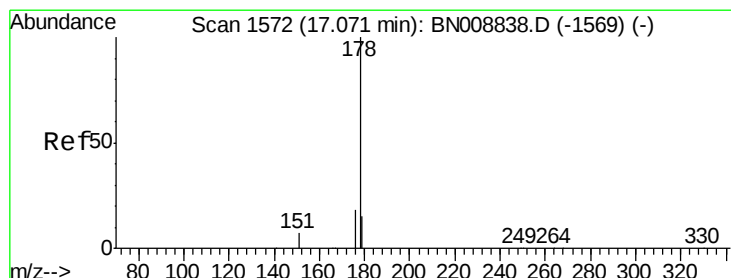
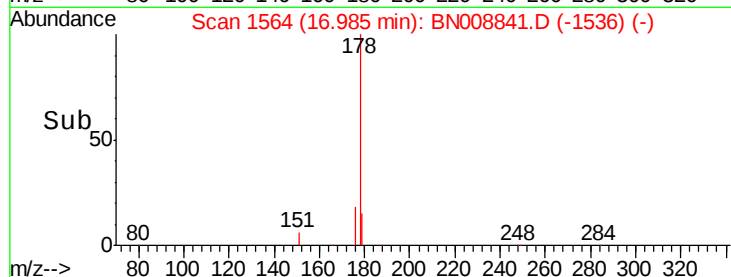
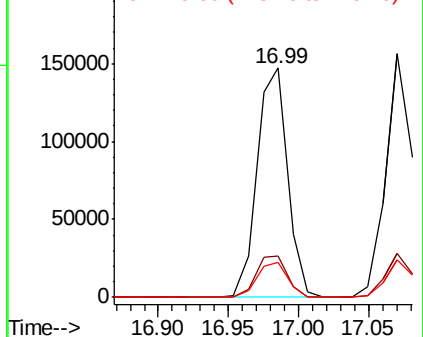
178 100

176 18.5 14.8 22.2

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: 3.421 ng

RT: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

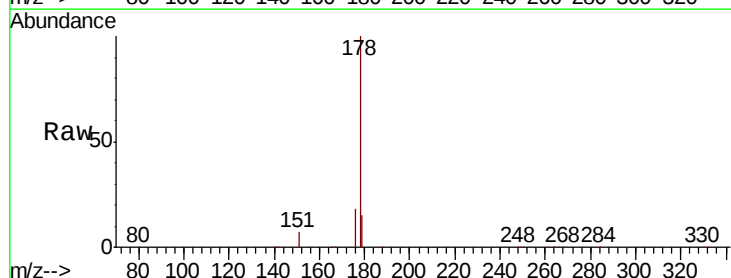
Tgt Ion:178 Resp: 211038

Ion Ratio Lower Upper

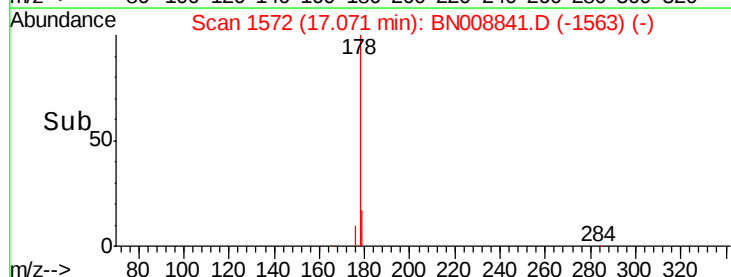
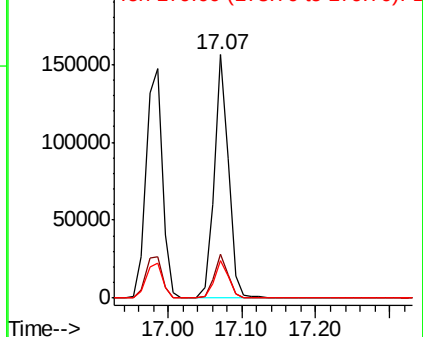
178 100

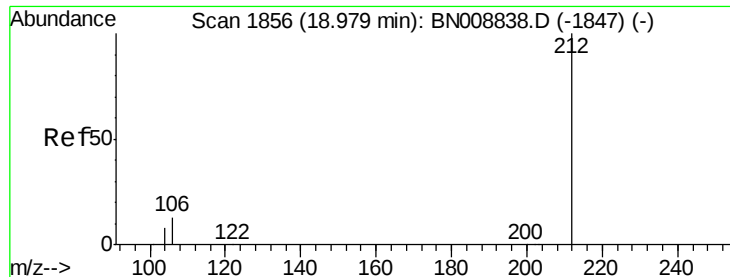
176 17.8 14.3 21.5

179 15.4 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





#25

Fluoranthene-d10

Concen: 3.011 ng

RT: 18.98 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

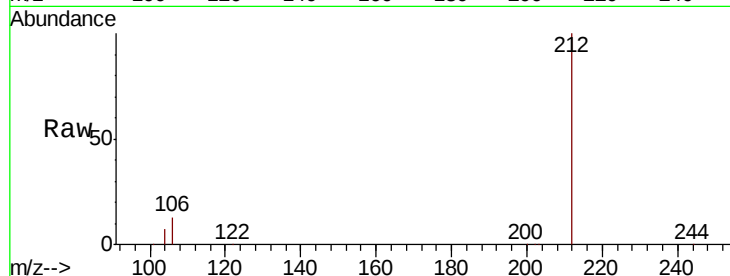
Tot Ion:212 Resp: 222454

Ion Ratio Lower Upper

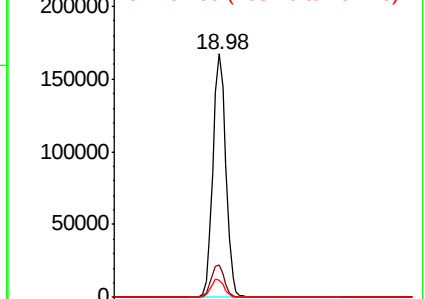
212 100

106 13.5 10.7 16.1

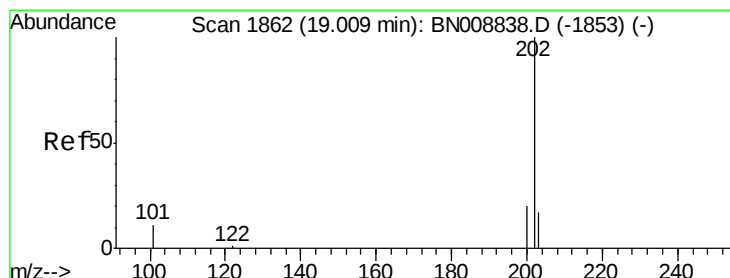
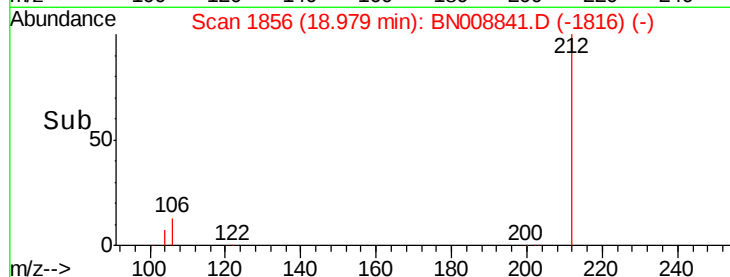
104 7.6 6.1 9.1



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



Time-->



#26

Fluoranthene

Concen: 3.166 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

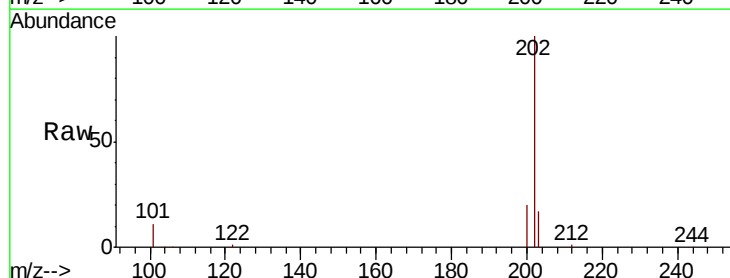
Tgt Ion:202 Resp: 268890

Ion Ratio Lower Upper

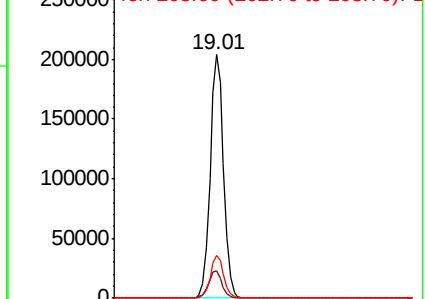
202 100

101 11.5 9.3 13.9

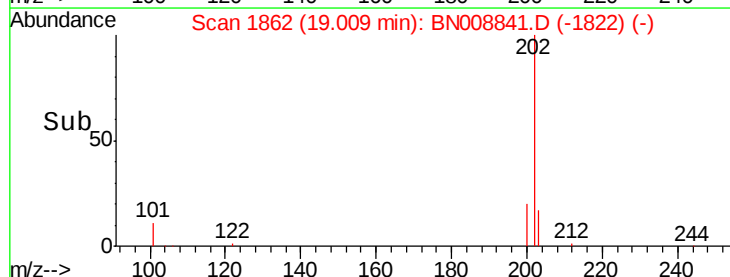
203 17.3 13.7 20.5

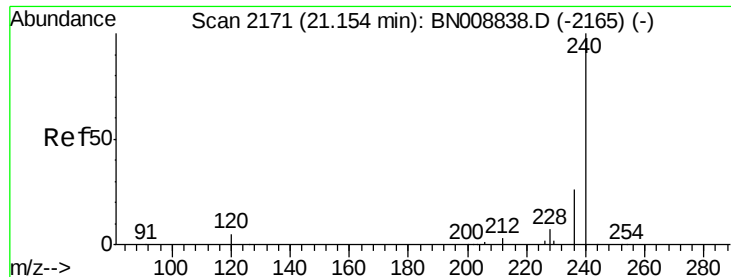


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



Time-->

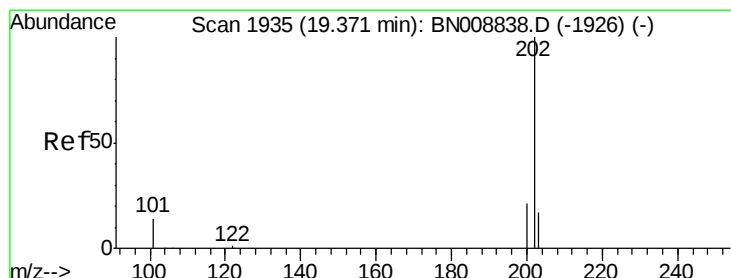
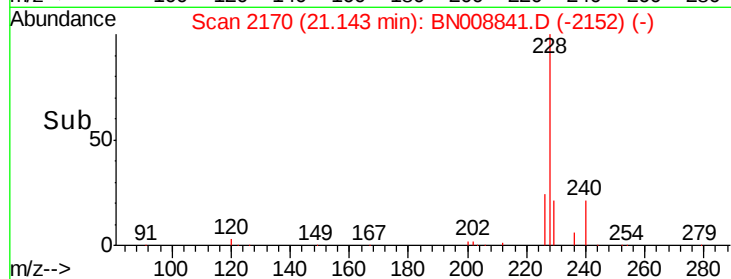
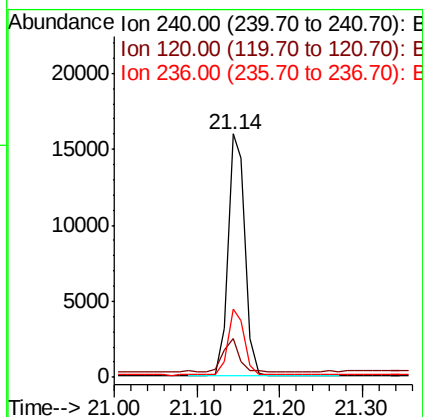
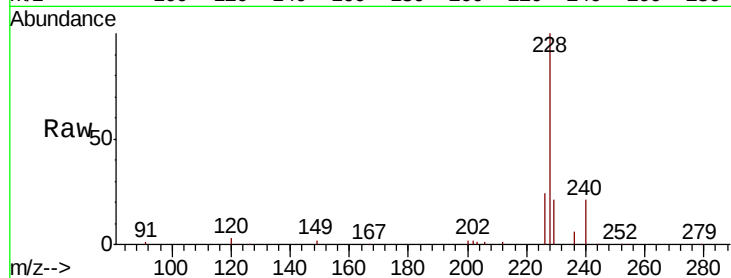




#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.14 min Scan# 2170  
Delta R.T. -0.01 min  
Lab File: BN008841.D  
Acq: 04 Dec 2019 14:19

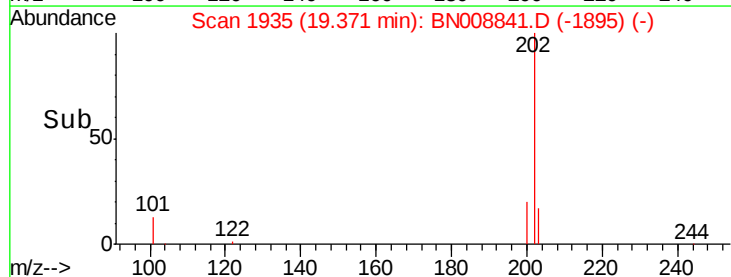
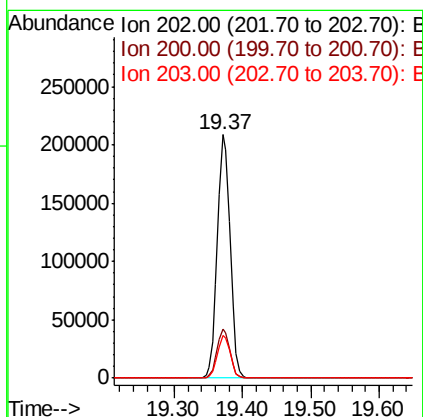
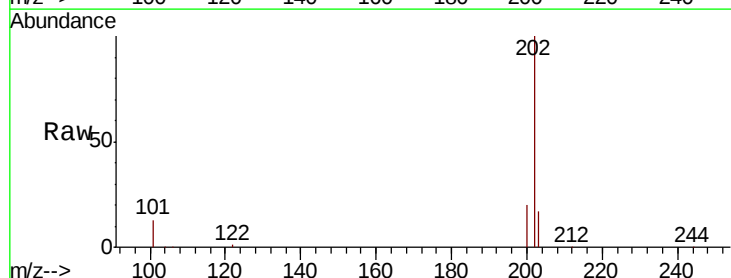
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

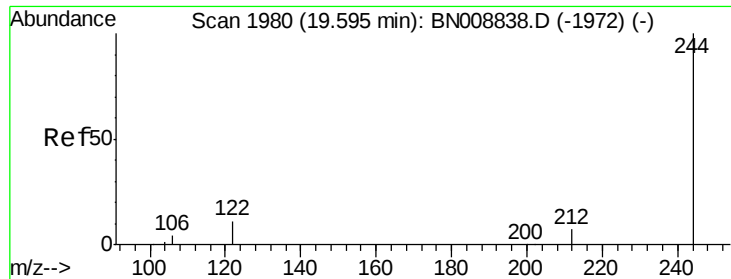
Tot Ion:240 Resp: 23179  
Ion Ratio Lower Upper  
240 100  
120 16.2 6.0 9.0#  
236 28.0 21.4 32.0



#28  
Pyrene  
Concen: 3.447 ng  
RT: 19.37 min Scan# 1935  
Delta R.T. -0.00 min  
Lab File: BN008841.D  
Acq: 04 Dec 2019 14:19

Tgt Ion:202 Resp: 272516  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.2 24.2  
203 17.4 14.2 21.2





#29

Terphenyl-d14

Concen: 3.150 ng

RT: 19.59 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

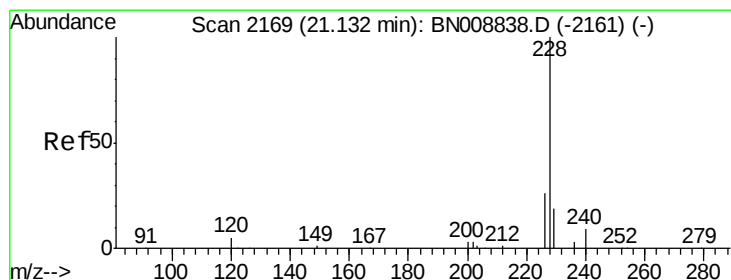
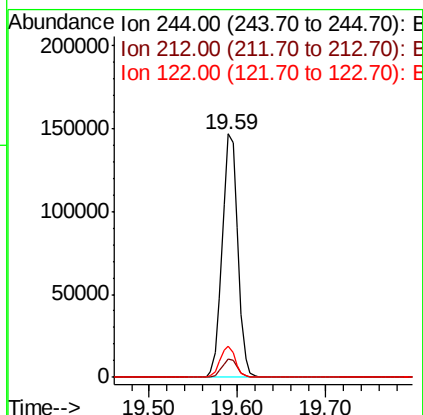
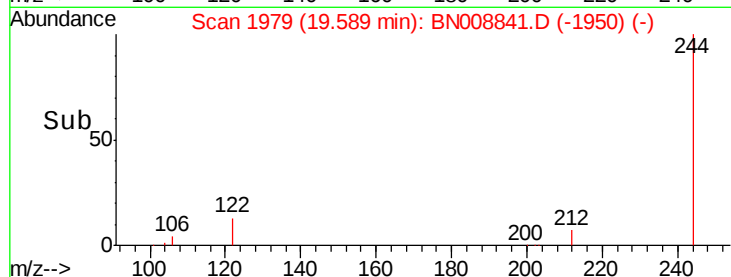
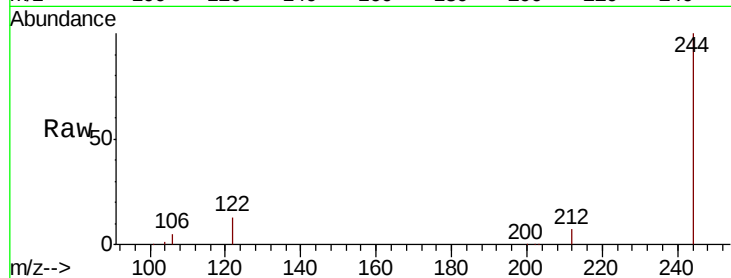
Tot Ion:244 Resp: 179332

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 12.8 8.9 13.3



#30

Benzo(a)anthracene

Concen: 3.275 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

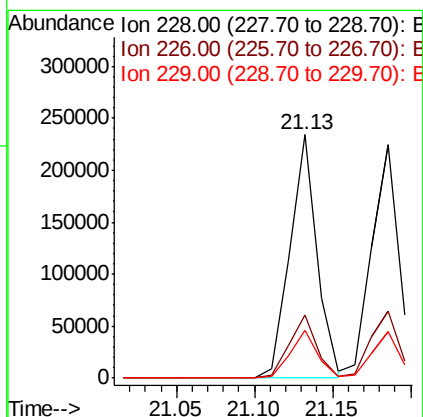
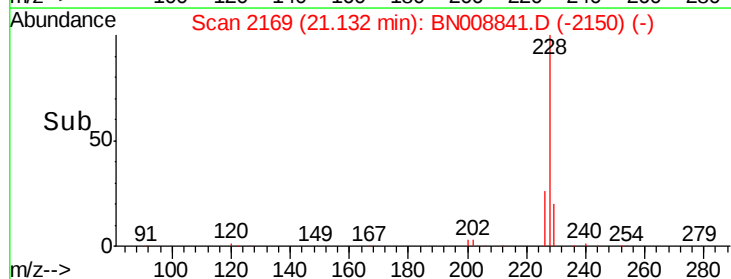
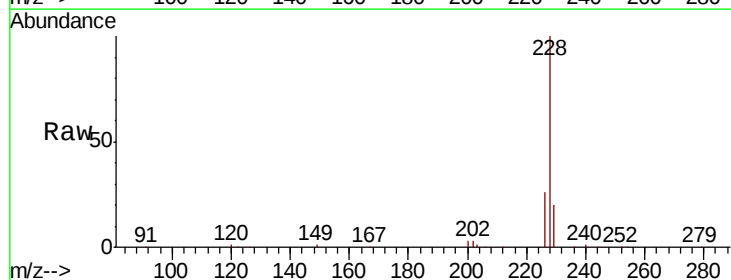
Tgt Ion:228 Resp: 279574

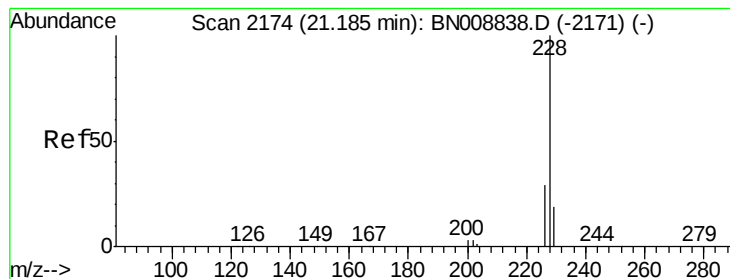
Ion Ratio Lower Upper

228 100

226 26.0 20.8 31.2

229 19.7 15.9 23.9





#31

Chrysene

Concen: 3.287 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

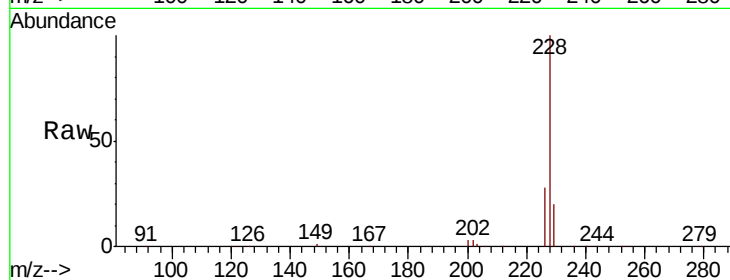
BNA\_N

ClientSampleId :

SSTDICC3.2

Tot Ion:228 Resp: 273447

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.4  | 23.1  | 34.7  |
| 229 | 19.8  | 15.8  | 23.8  |

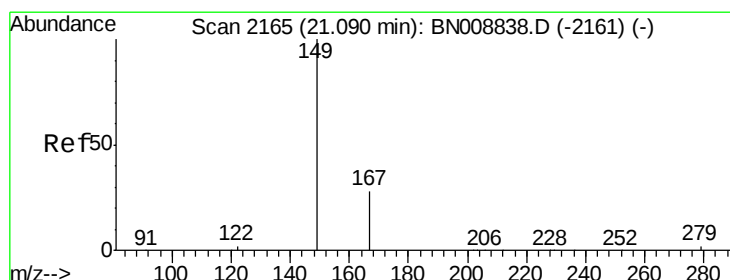
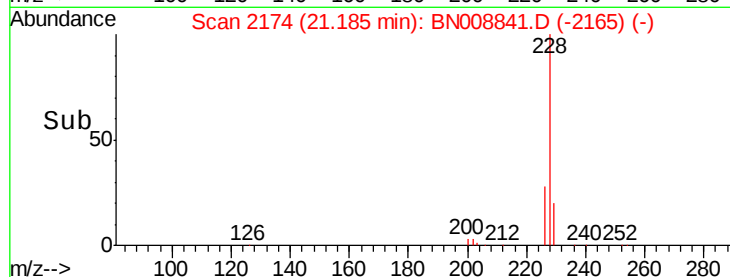
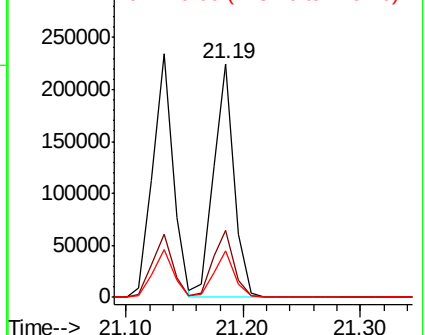


Abundance

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: 3.918 ng

RT: 21.09 min Scan# 2165

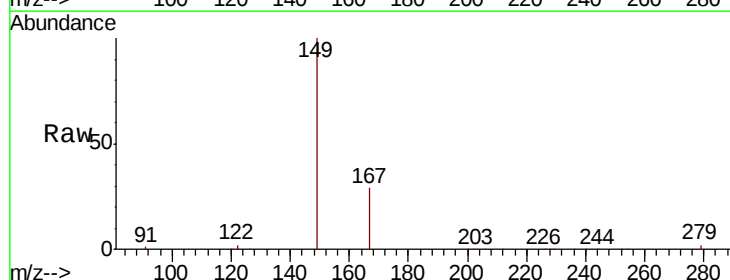
Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Tgt Ion:149 Resp: 171984

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.1  | 23.1  | 34.7  |
| 279 | 4.1   | 3.4   | 5.2   |

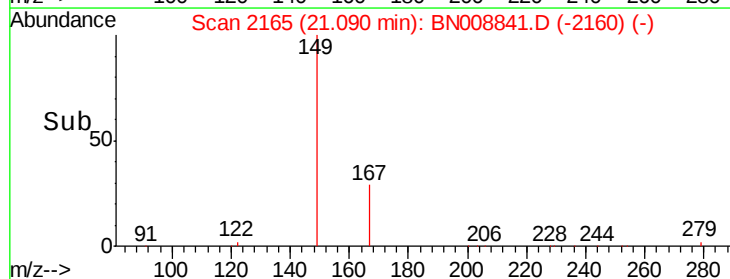
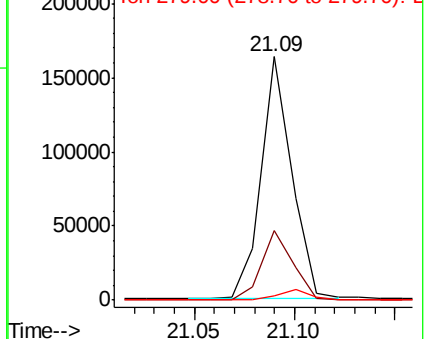


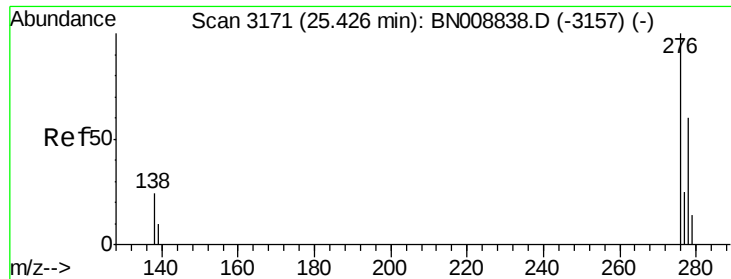
Abundance

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

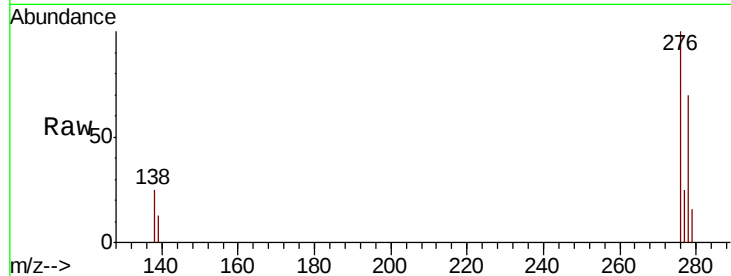




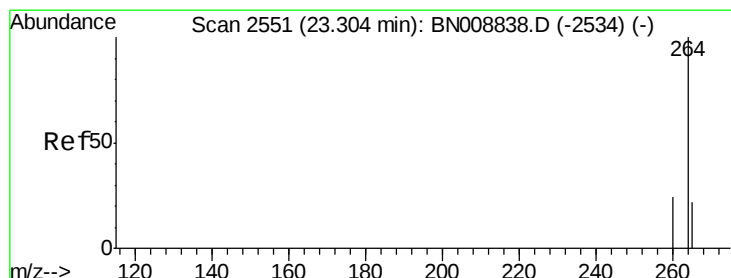
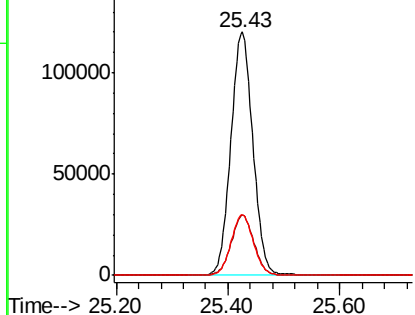
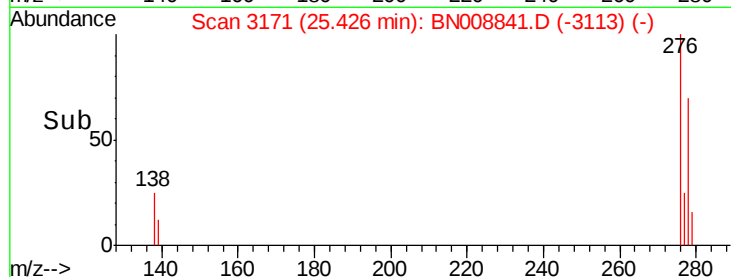
#33  
Indeno(1,2,3-cd)pyrene  
Concen: 3.132 ng  
RT: 25.43 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: BN008841.D  
Acq: 04 Dec 2019 14:19

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

Tot Ion:276 Resp: 326170  
Ion Ratio Lower Upper  
276 100  
138 25.2 20.2 30.2  
277 24.9 19.8 29.6

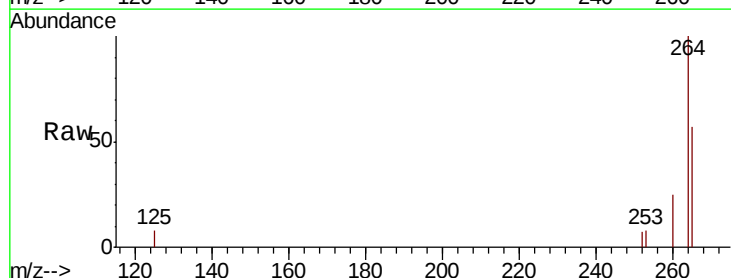


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

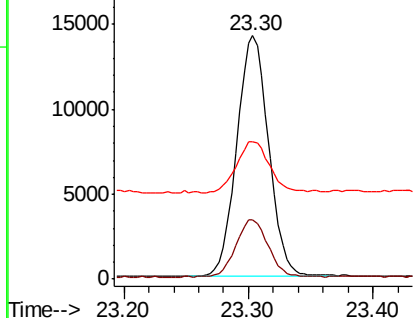
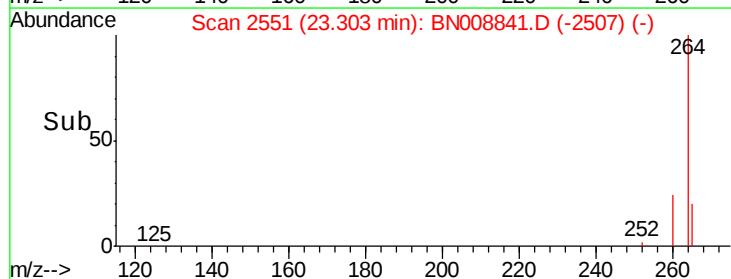


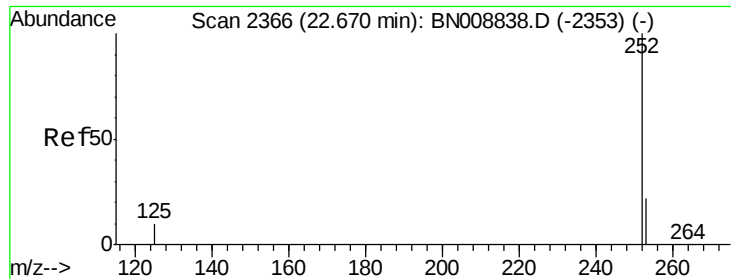
#34  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.30 min Scan# 2551  
Delta R.T. -0.00 min  
Lab File: BN008841.D  
Acq: 04 Dec 2019 14:19

Tgt Ion:264 Resp: 25115  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.9 29.9  
265 56.6 46.8 70.2



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: 3.177 ng

RT: 22.67 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

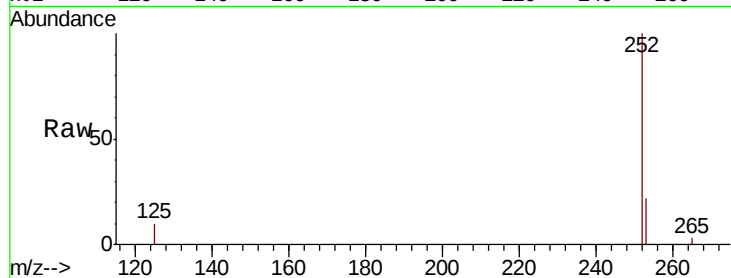
Tot Ion:252 Resp: 277032

Ion Ratio Lower Upper

252 100

253 22.2 20.6 31.0

125 10.3 12.3 18.5#

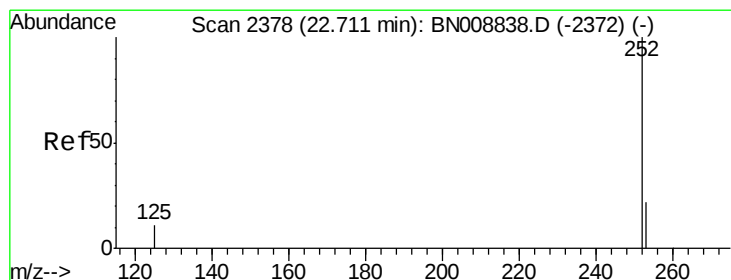
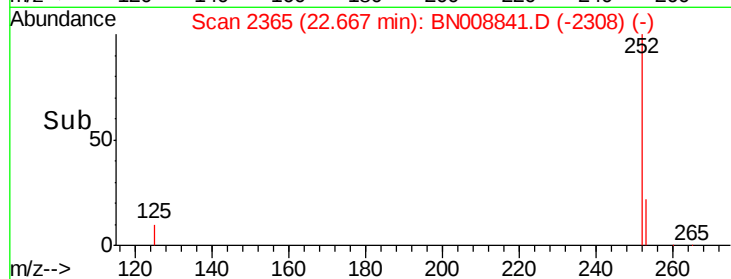
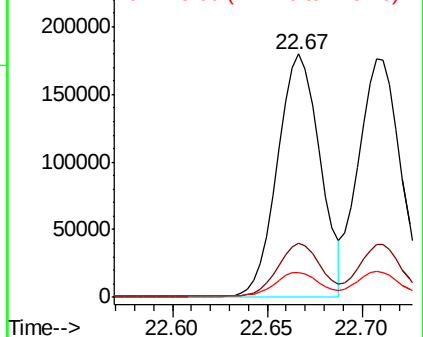


Abundance

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: 3.160 ng

RT: 22.71 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

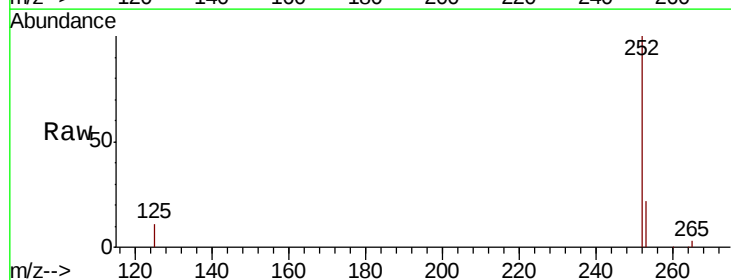
Tgt Ion:252 Resp: 272408

Ion Ratio Lower Upper

252 100

253 22.2 21.0 31.4

125 10.9 13.5 20.3#

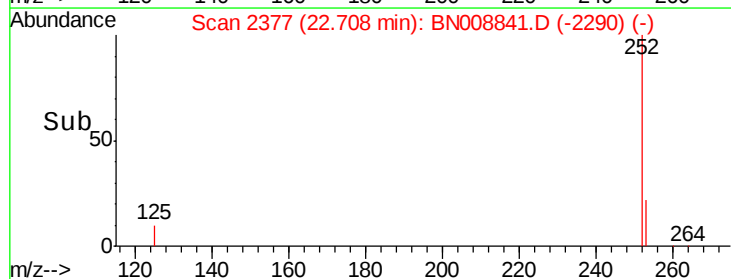
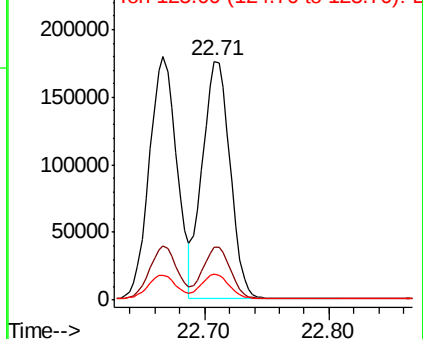


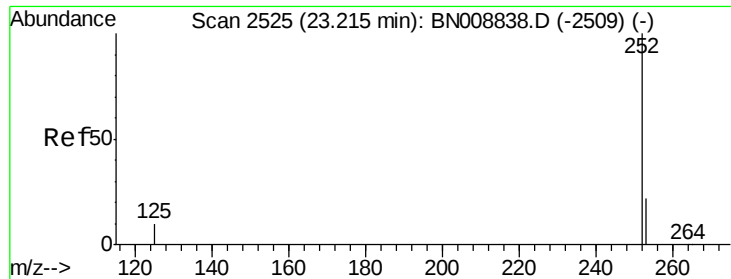
Abundance

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





#37

Benzo(a)pyrene

Concen: 3.185 ng

RT: 23.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

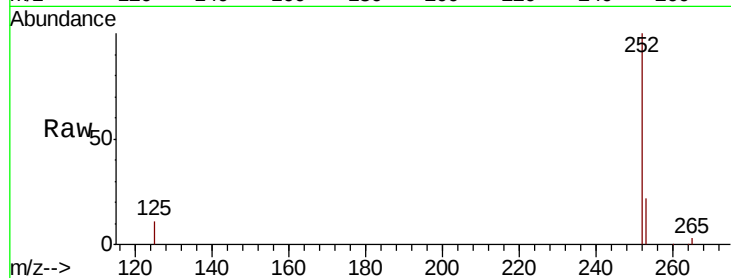
Tot Ion:252 Resp: 260974

Ion Ratio Lower Upper

252 100

253 22.3 21.4 32.2

125 11.4 13.7 20.5#

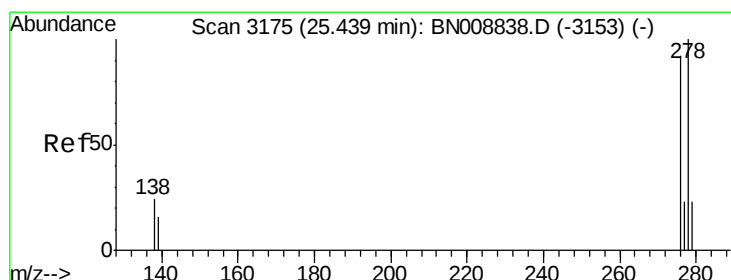
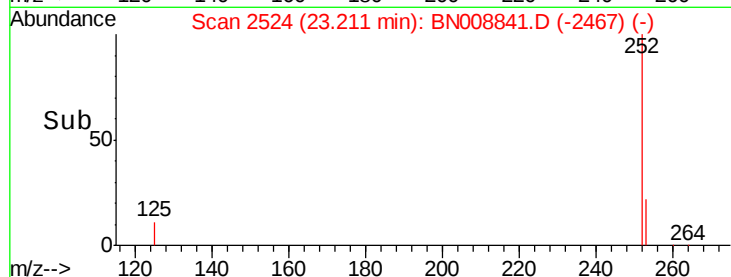
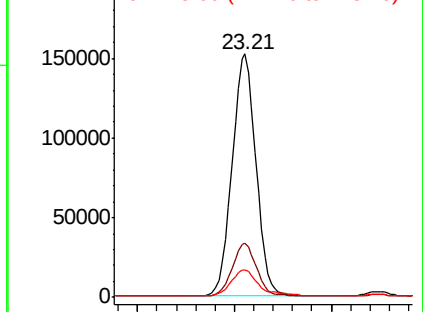


Abundance

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: 3.144 ng

RT: 25.44 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

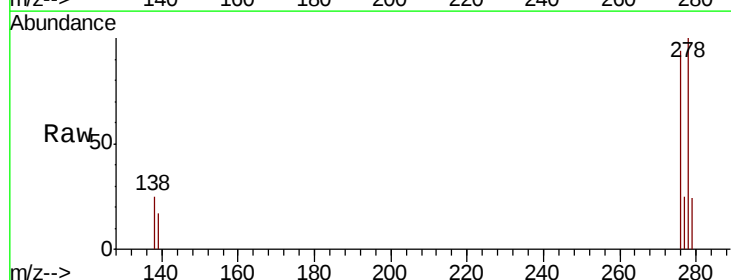
Tgt Ion:278 Resp: 263558

Ion Ratio Lower Upper

278 100

139 16.6 15.3 22.9

279 23.7 21.2 31.8

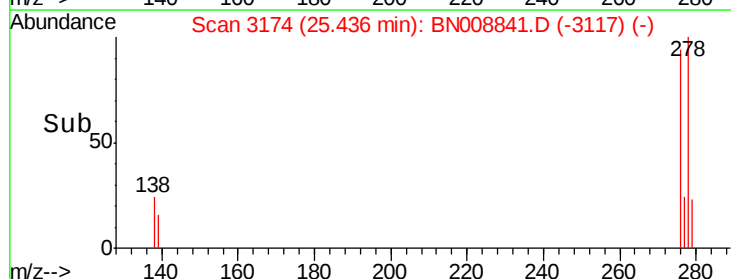
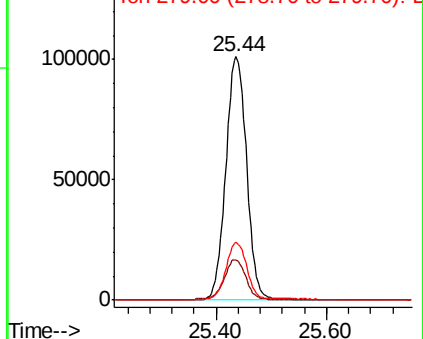


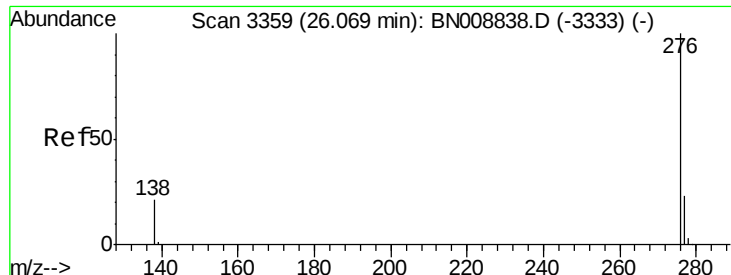
Abundance

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: 3.238 ng

RT: 26.07 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

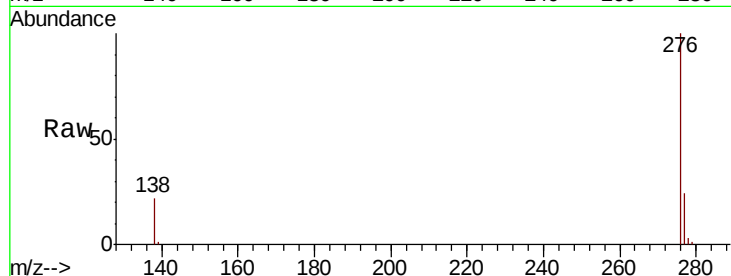
Tot Ion: 276 Resp: 268640

Ion Ratio Lower Upper

276 100

277 23.8 20.1 30.1

138 21.8 18.6 27.8



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

