

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\  
 Data File : BN010287.D  
 Acq On : 19 Mar 2020 12:52  
 Operator : CG/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Mar 19 15:16:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 19 15:04:26 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 3985     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.38 | 136  | 13437    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.24 | 164  | 8179     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.98 | 188  | 18802    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.19 | 240  | 20665    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.36 | 264  | 19762    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.25  | 112 | 5957  | 0.64 | ng | 0.00 |
| 5) Phenol-d6                | 6.80  | 99  | 7367  | 0.63 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.75  | 82  | 6358  | 0.79 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.97 | 152 | 16282 | 0.73 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.74 | 330 | 2217  | 0.76 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.86 | 172 | 24020 | 0.82 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.02 | 212 | 42923 | 0.74 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.64 | 244 | 33754 | 0.72 | ng | 0.00 |

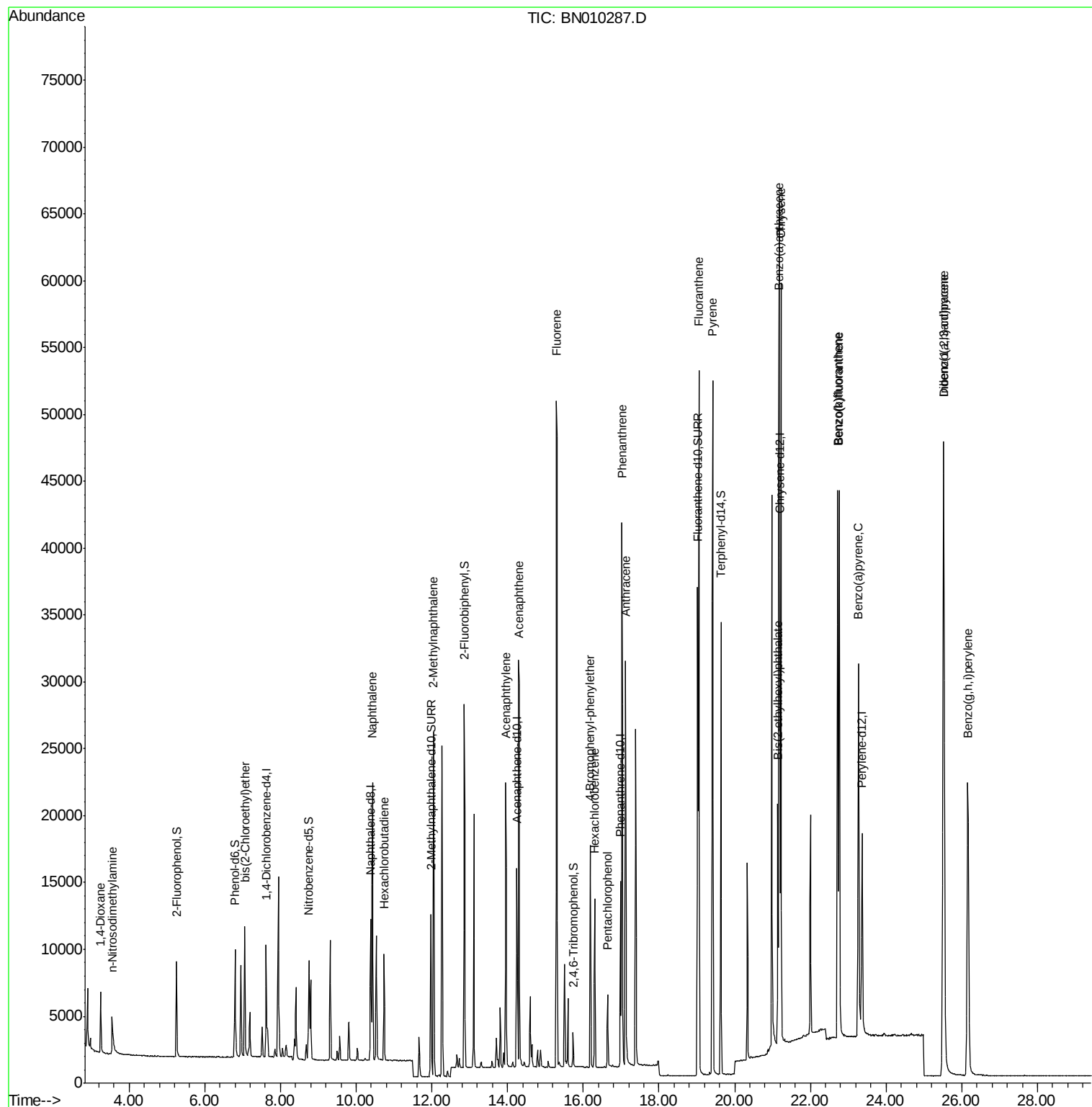
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.25  | 88  | 2938  | 0.756  | ng | 98   |
| 3) n-Nitrosodimethylamine      | 3.55  | 42  | 2377  | 0.690  | ng | 97   |
| 6) bis(2-Chloroethyl)ether     | 7.06  | 93  | 7364  | 0.755  | ng | 99   |
| 9) Naphthalene                 | 10.43 | 128 | 25800 | 0.767  | ng | 100  |
| 10) Hexachlorobutadiene        | 10.73 | 225 | 6290  | 0.811  | ng | # 99 |
| 12) 2-Methylnaphthalene        | 12.05 | 142 | 17693 | 0.732  | ng | 98   |
| 16) Acenaphthylene             | 13.95 | 152 | 23629 | 0.626  | ng | 100  |
| 17) Acenaphthene               | 14.31 | 154 | 17472 | 0.763  | ng | 99   |
| 18) Fluorene                   | 15.29 | 166 | 23026 | 0.737  | ng | 100  |
| 20) 4-Bromophenyl-phenylether  | 16.18 | 248 | 8812  | 0.816  | ng | # 89 |
| 21) Hexachlorobenzene          | 16.30 | 284 | 9116  | 0.865  | ng | 99   |
| 22) Pentachlorophenol          | 16.64 | 266 | 2633  | 0.809  | ng | 94   |
| 23) Phenanthrene               | 17.02 | 178 | 40104 | 0.804  | ng | 100  |
| 24) Anthracene                 | 17.12 | 178 | 33479 | 0.674  | ng | 100  |
| 26) Fluoranthene               | 19.05 | 202 | 48819 | 0.773  | ng | 100  |
| 28) Pyrene                     | 19.42 | 202 | 48379 | 0.701  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.18 | 228 | 49320 | 0.702  | ng | 100  |
| 31) Chrysene                   | 21.23 | 228 | 54284 | 0.785  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 21.13 | 149 | 14323 | 0.479  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.52 | 276 | 55323 | 0.674  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 22.72 | 252 | 49469 | 0.814  | ng | 98   |
| 36) Benzo(k)fluoranthene       | 22.76 | 252 | 52630 | 0.857  | ng | # 95 |
| 37) Benzo(a)pyrene             | 23.27 | 252 | 42083 | 0.734  | ng | 96   |
| 38) Dibenzo(a,h)anthracene     | 25.53 | 278 | 45969 | 0.799  | ng | 99   |
| 39) Benzo(g,h,i)perylene       | 26.16 | 276 | 46502 | 0.810  | ng | 99   |

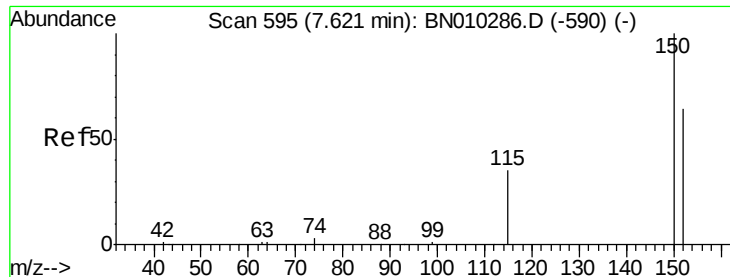
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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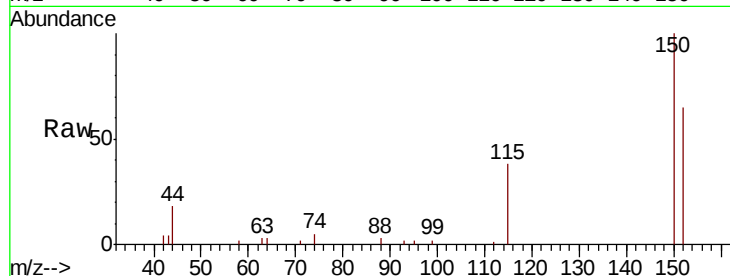


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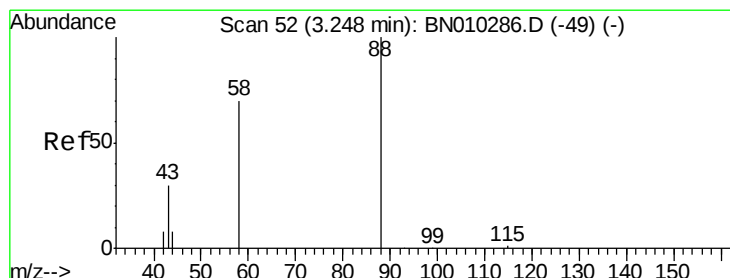
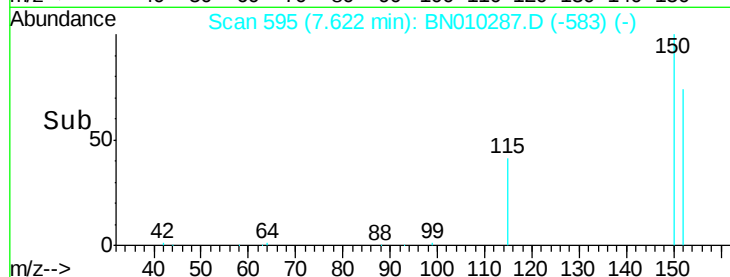
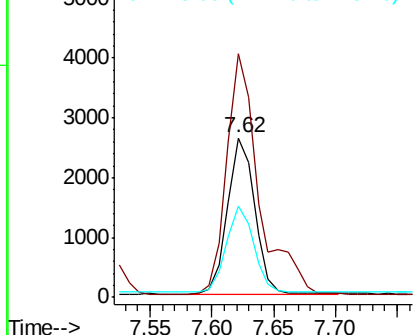
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.62 min Scan# 595  
Delta R.T. 0.00 min  
Lab File: BN010287.D  
Acq: 19 Mar 2020 12:52

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.8

Tot Ion:152 Resp: 3985  
Ion Ratio Lower Upper  
152 100  
150 152.7 123.1 184.7  
115 57.6 45.2 67.8



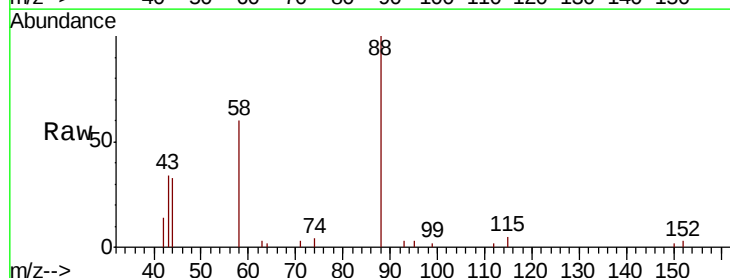
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



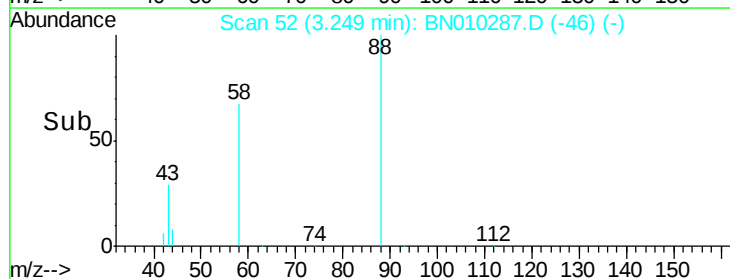
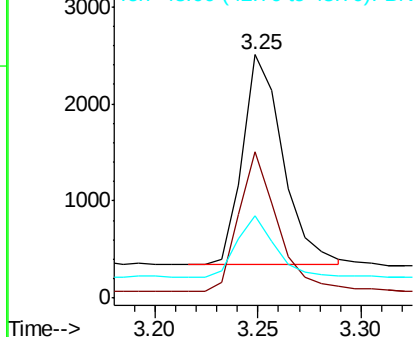
#2

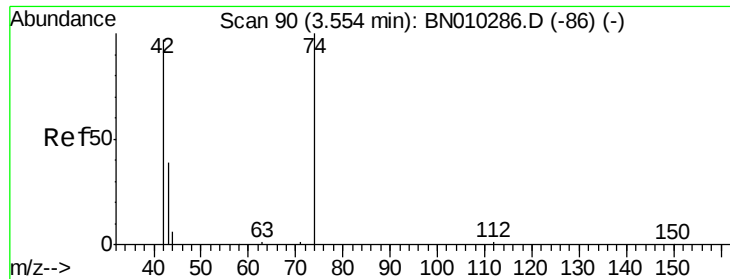
1,4-Dioxane  
Concen: 0.756 ng  
RT: 3.25 min Scan# 52  
Delta R.T. 0.00 min  
Lab File: BN010287.D  
Acq: 19 Mar 2020 12:52

Tgt Ion: 88 Resp: 2938  
Ion Ratio Lower Upper  
88 100  
58 63.8 51.7 77.5  
43 27.8 21.2 31.8



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: 0.690 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

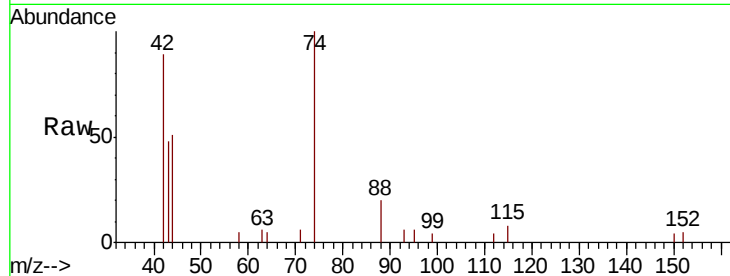
Tot Ion: 42 Resp: 2377

Ion Ratio Lower Upper

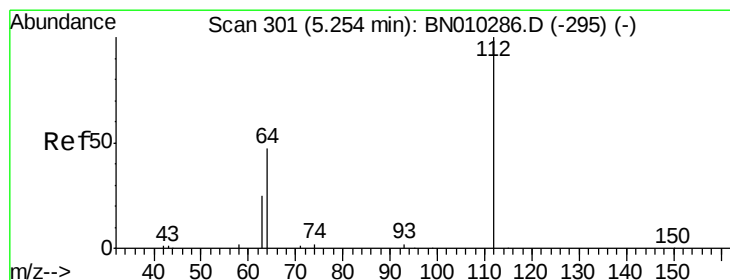
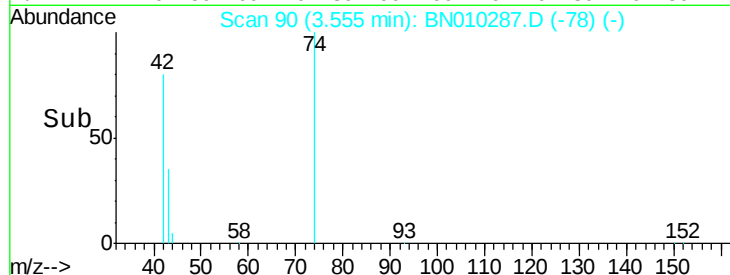
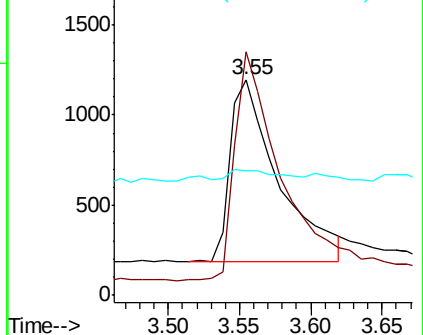
42 100

74 120.8 99.4 149.0

44 5.2 4.8 7.2



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: 0.637 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

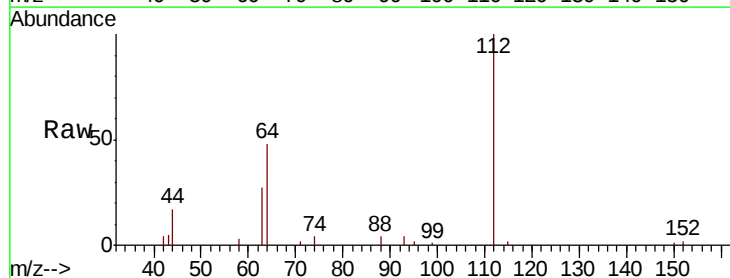
Tgt Ion: 112 Resp: 5957

Ion Ratio Lower Upper

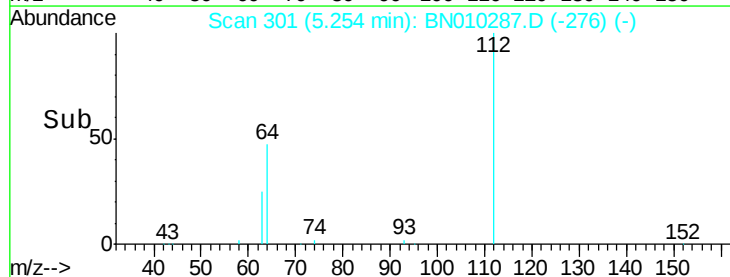
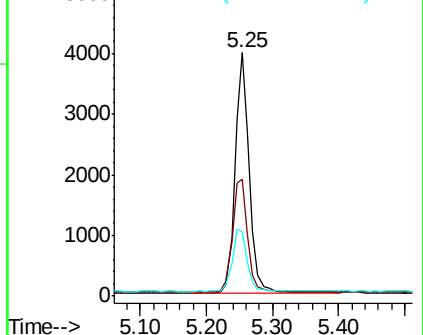
112 100

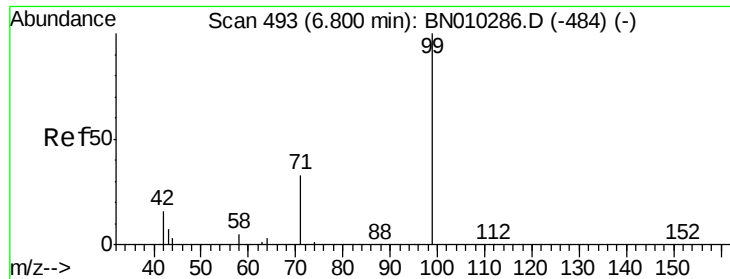
64 50.3 41.4 62.2

63 27.8 22.9 34.3



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: 0.630 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

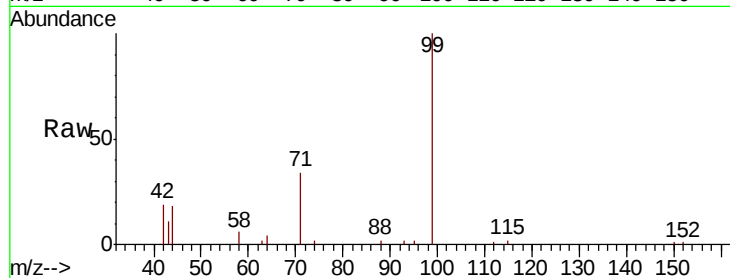
Tot Ion: 99 Resp: 7367

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

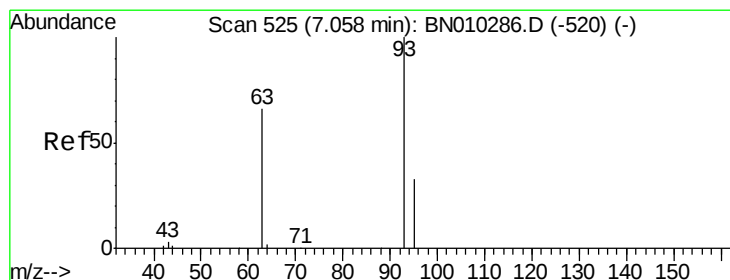
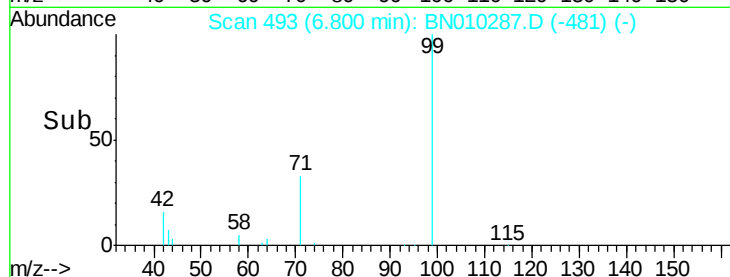
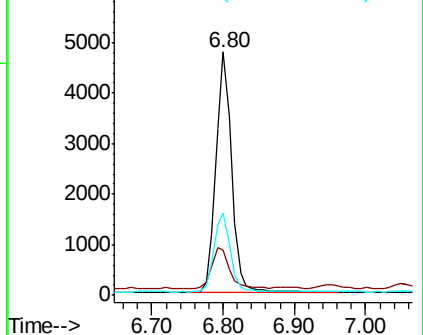
71 34.5 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010287.D (-481) (-)

Ion 42.00 (41.70 to 42.70): BN010287.D (-481) (-)

Ion 71.00 (70.70 to 71.70): BN010287.D (-481) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.755 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

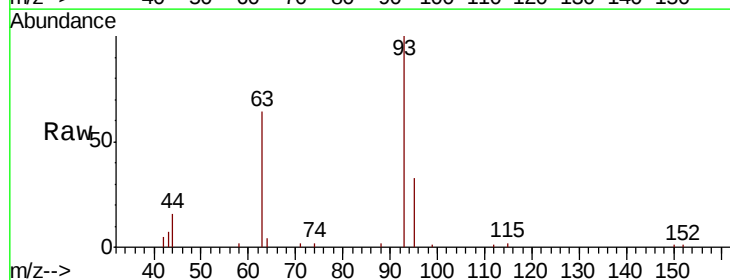
Tgt Ion: 93 Resp: 7364

Ion Ratio Lower Upper

93 100

63 67.9 55.6 83.4

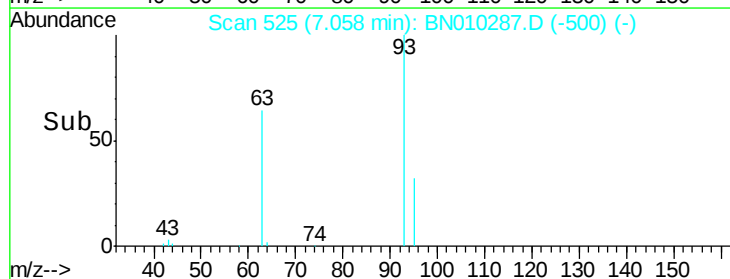
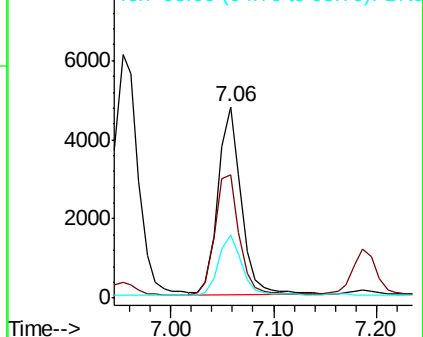
95 33.0 26.2 39.4

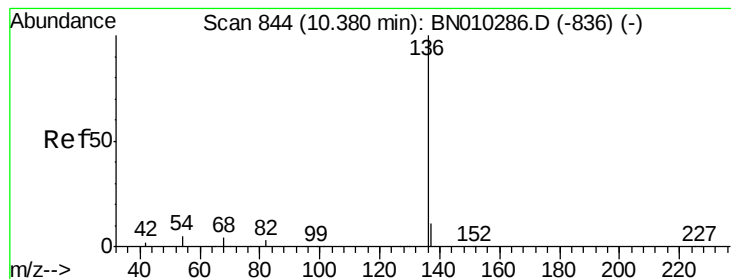


Abundance Ion 93.00 (92.70 to 93.70): BN010287.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010287.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010287.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 13437

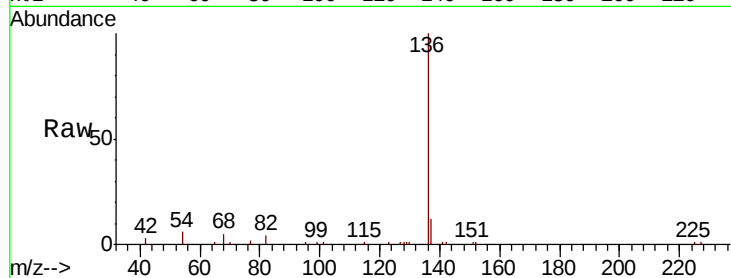
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 6.0 4.8 7.2

68 5.3 4.1 6.1

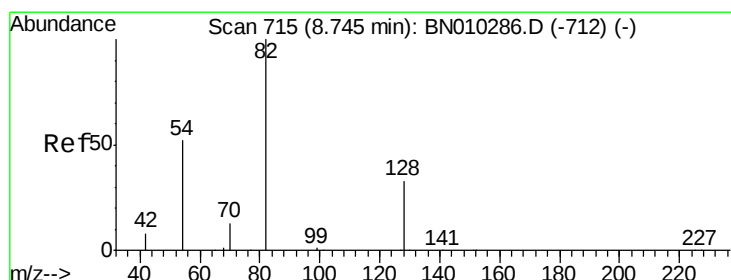
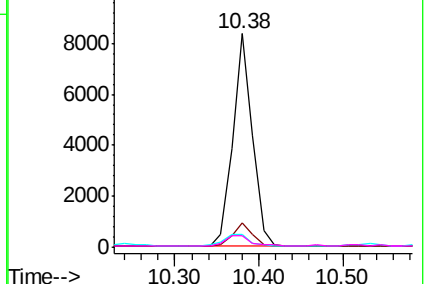
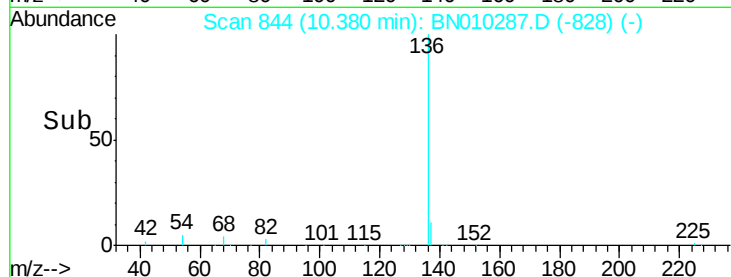


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.789 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

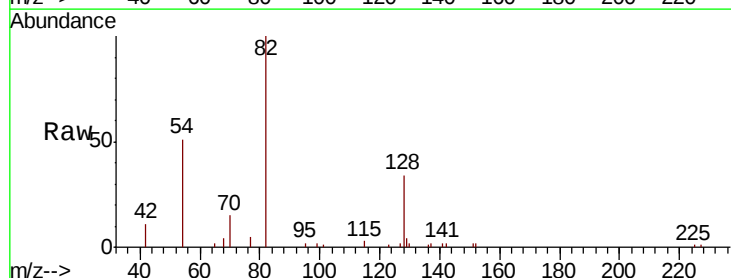
Tgt Ion: 82 Resp: 6358

Ion Ratio Lower Upper

82 100

128 34.1 28.8 43.2

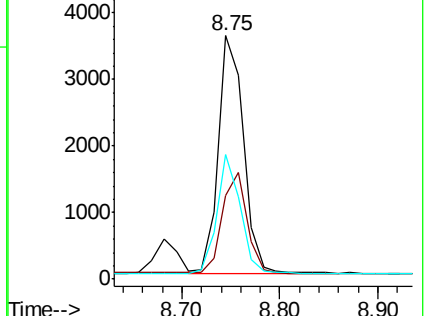
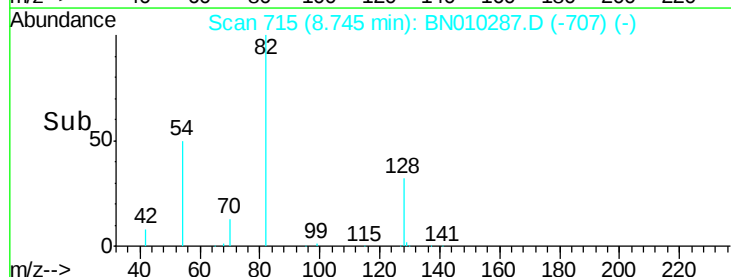
54 51.2 42.1 63.1

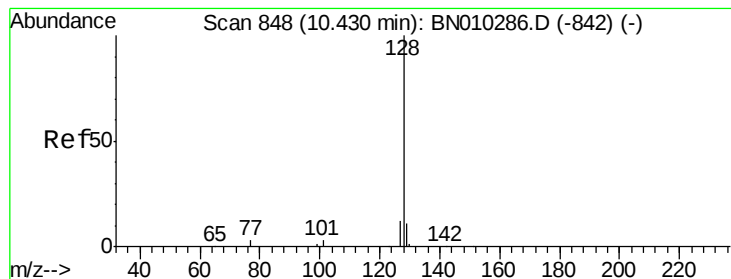


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.767 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

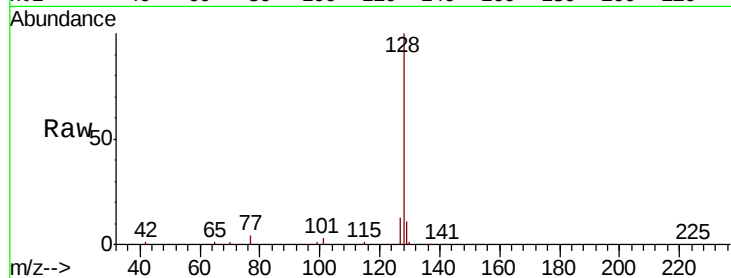
Tot Ion:128 Resp: 25800

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

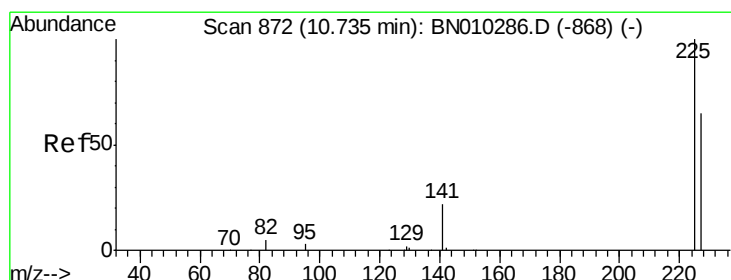
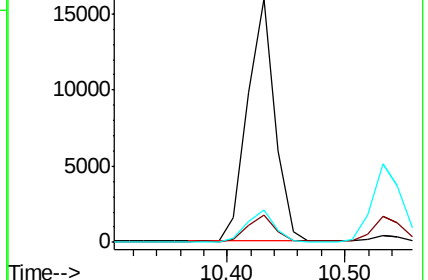
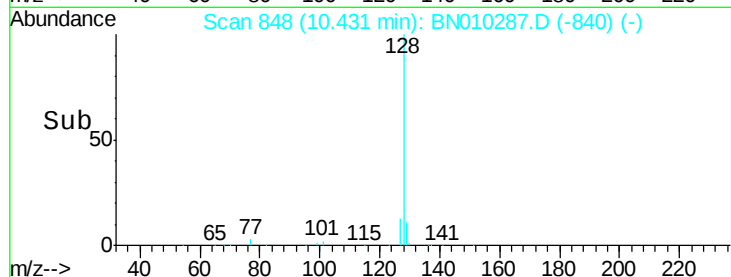
127 13.1 10.4 15.6



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: 0.811 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

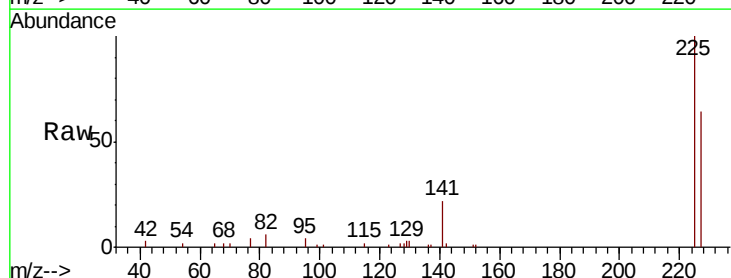
Tgt Ion:225 Resp: 6290

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

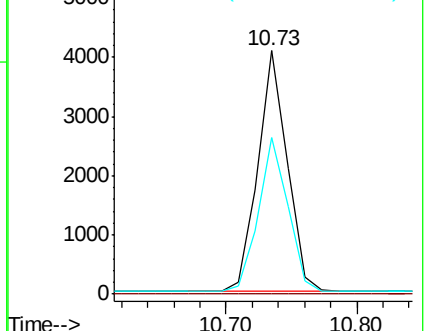
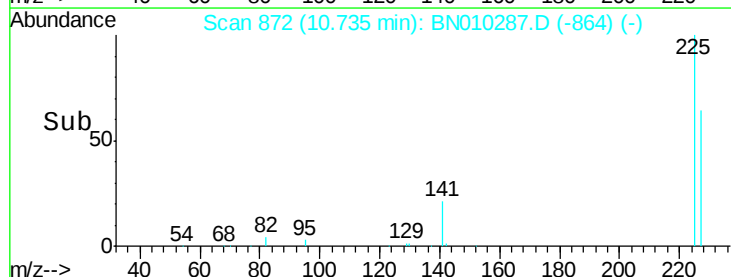
227 64.2 51.9 77.9

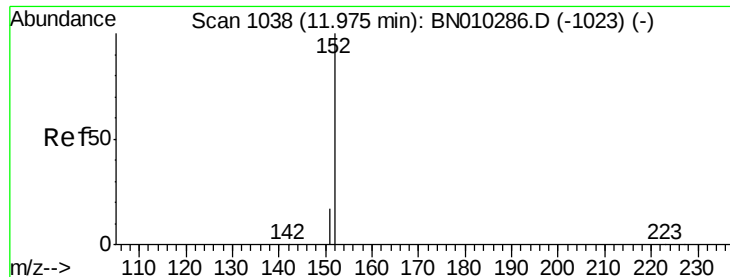


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

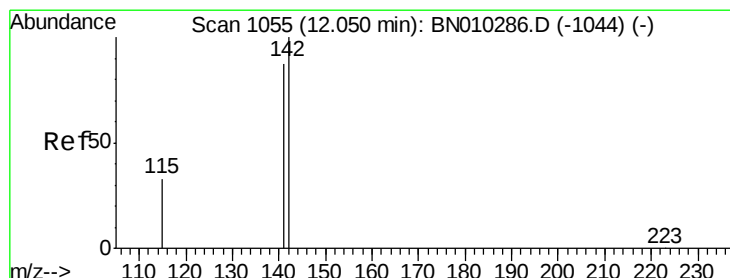
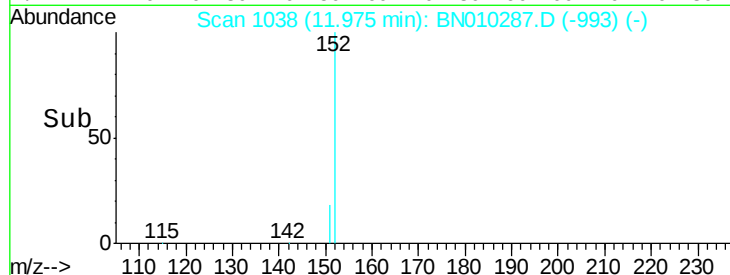
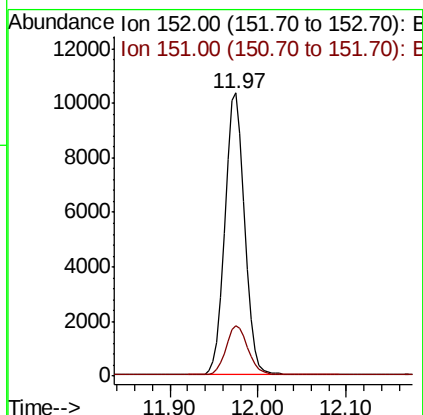
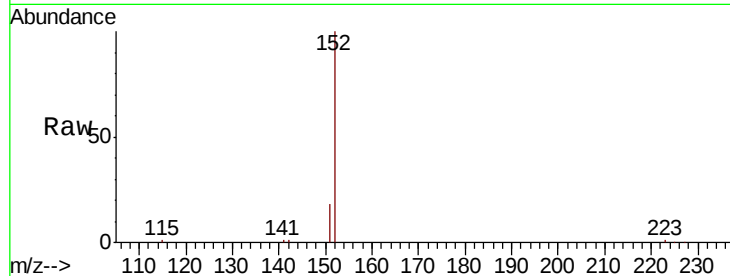




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.734 ng  
 RT: 11.97 min Scan# 1038  
 Delta R.T. 0.00 min  
 Lab File: BN010287.D  
 Acq: 19 Mar 2020 12:52

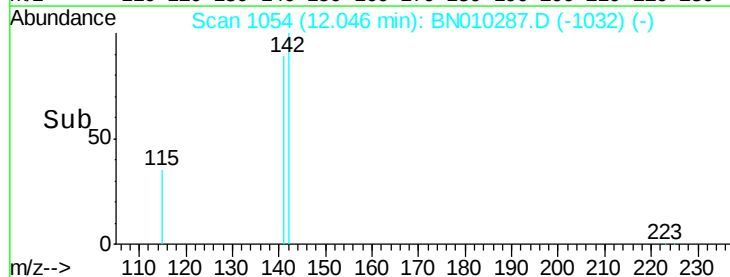
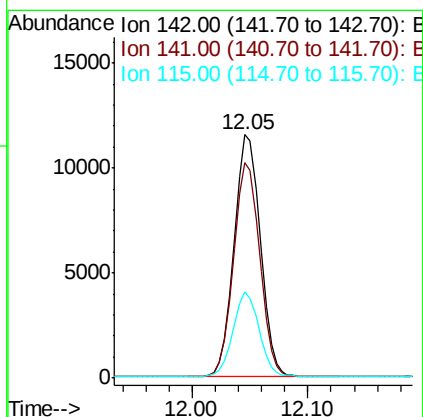
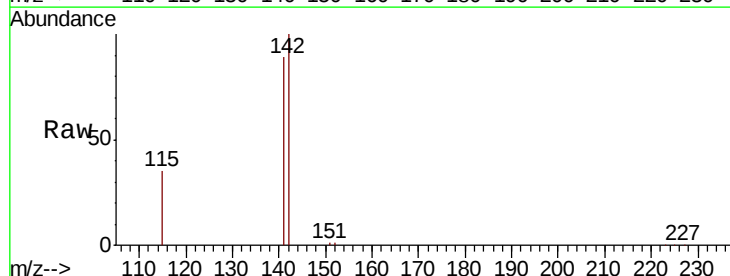
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

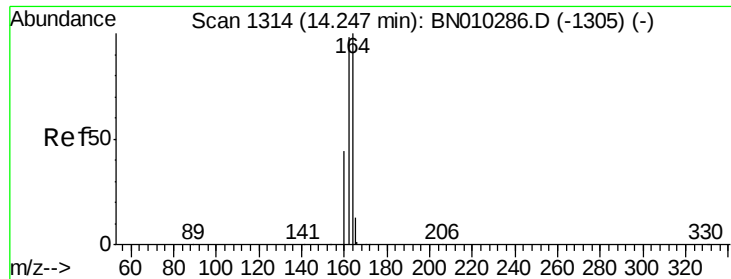
Tot Ion:152 Resp: 16282  
 Ion Ratio Lower Upper  
 152 100  
 151 19.3 15.4 23.2



#12  
 2-Methylnaphthalene  
 Concen: 0.732 ng  
 RT: 12.05 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: BN010287.D  
 Acq: 19 Mar 2020 12:52

Tgt Ion:142 Resp: 17693  
 Ion Ratio Lower Upper  
 142 100  
 141 88.7 69.5 104.3  
 115 35.5 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

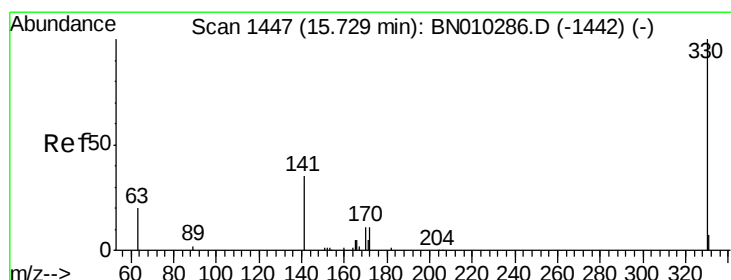
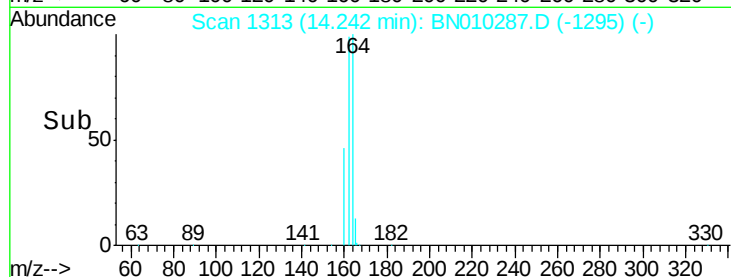
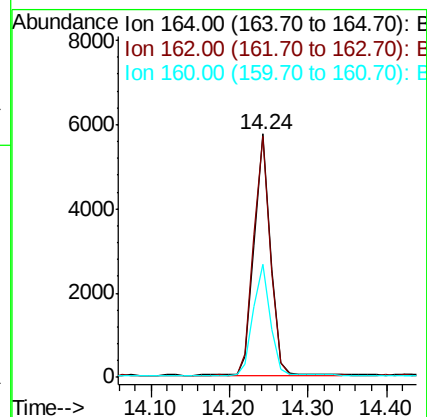
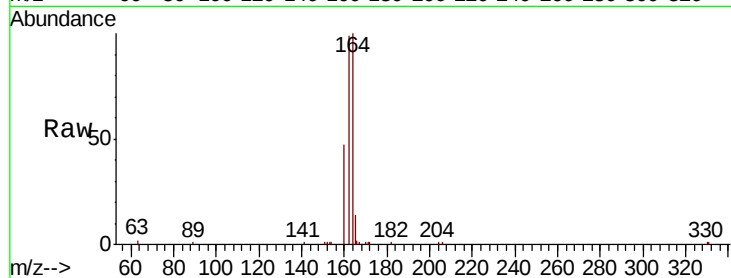
Tot Ion:164 Resp: 8179

Ion Ratio Lower Upper

164 100

162 99.0 78.2 117.2

160 46.5 35.8 53.6



#14

2,4,6-Tribromophenol

Concen: 0.757 ng

RT: 15.74 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

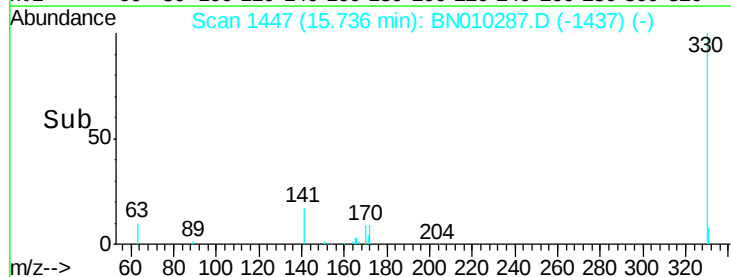
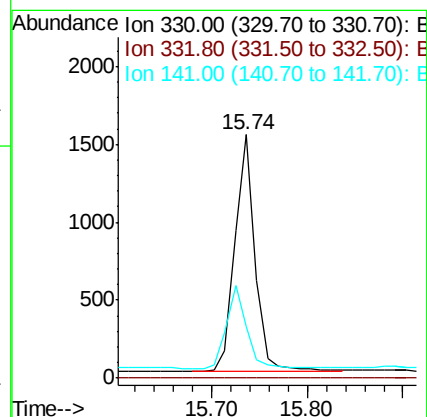
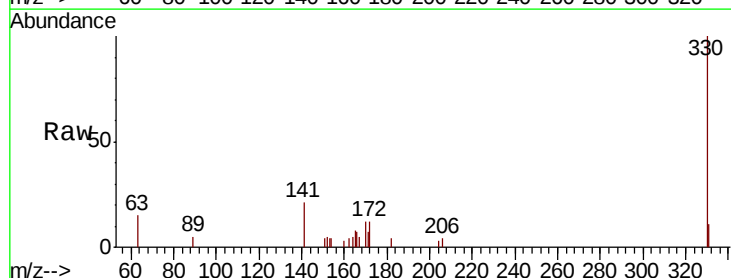
Tgt Ion:330 Resp: 2217

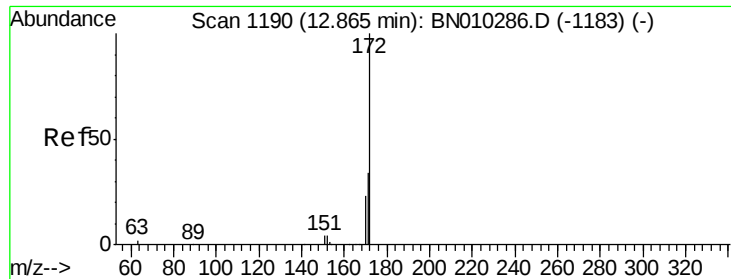
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.1 29.3 43.9

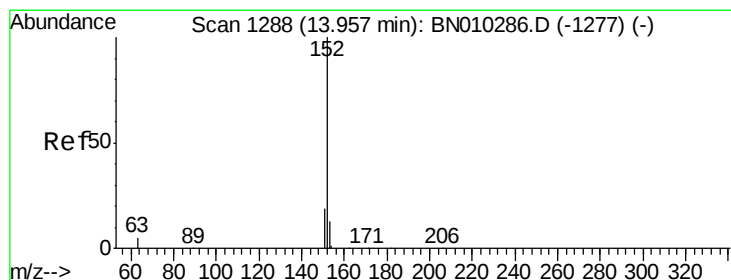
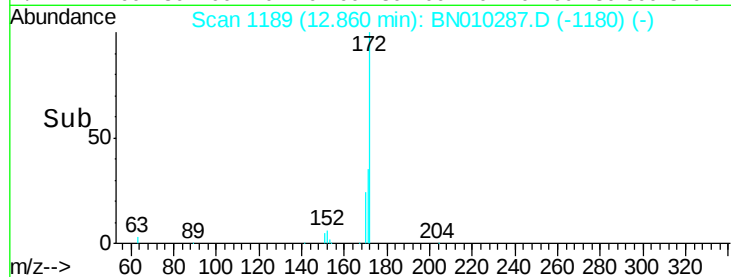
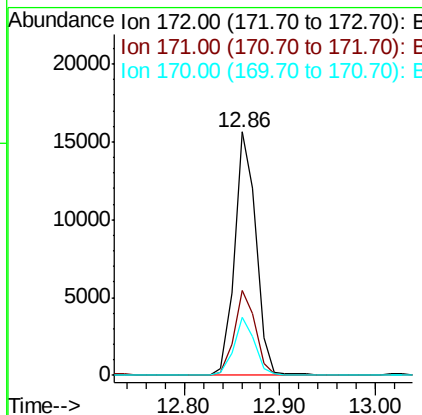
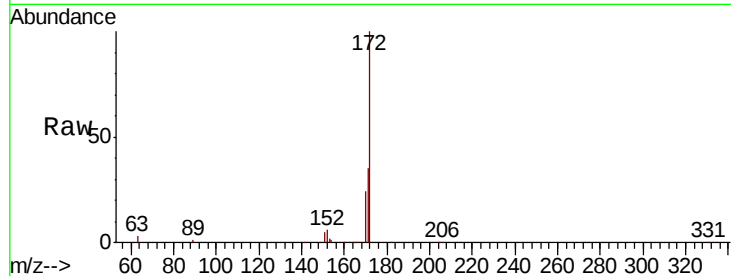




#15  
2-Fluorobiphenyl  
Concen: 0.825 ng  
RT: 12.86 min Scan# 1189  
Delta R.T. -0.00 min  
Lab File: BN010287.D  
Acq: 19 Mar 2020 12:52

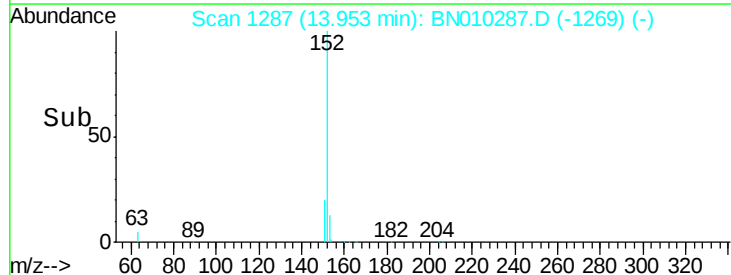
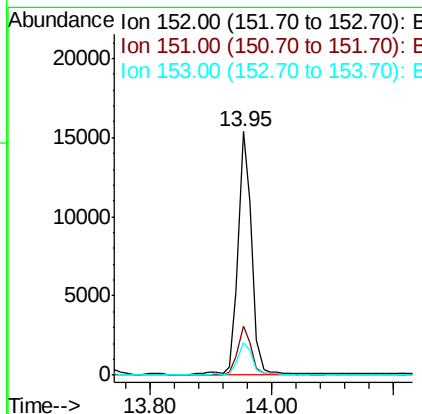
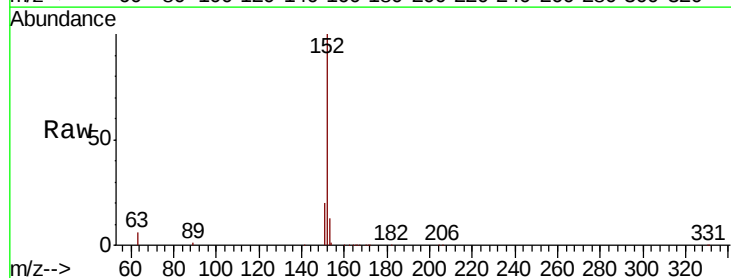
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.8

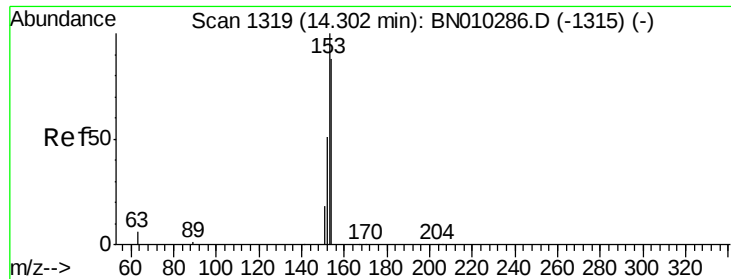
Tot Ion:172 Resp: 24020  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.6 41.4  
170 24.0 18.5 27.7



#16  
Acenaphthylene  
Concen: 0.626 ng  
RT: 13.95 min Scan# 1287  
Delta R.T. -0.00 min  
Lab File: BN010287.D  
Acq: 19 Mar 2020 12:52

Tgt Ion:152 Resp: 23629  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.6 23.4  
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.763 ng

RT: 14.31 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

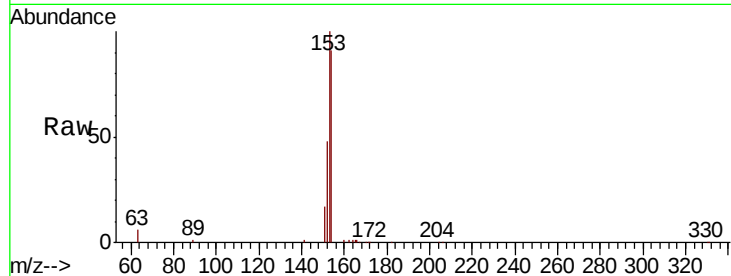
Tot Ion:154 Resp: 17472

Ion Ratio Lower Upper

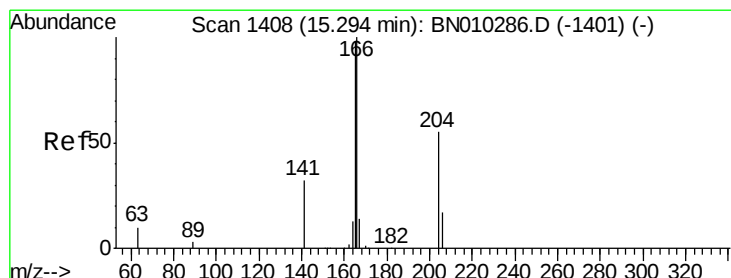
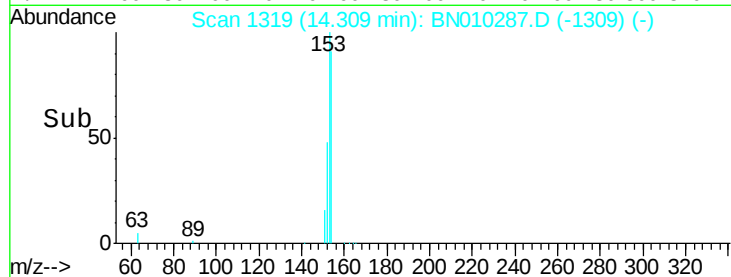
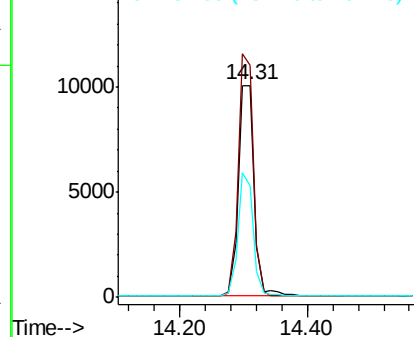
154 100

153 109.0 88.1 132.1

152 55.4 45.5 68.3



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: 0.737 ng

RT: 15.29 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

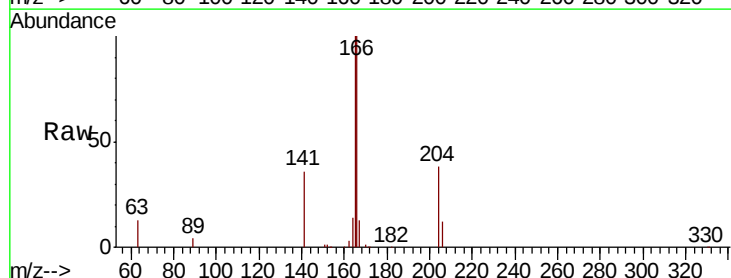
Tgt Ion:166 Resp: 23026

Ion Ratio Lower Upper

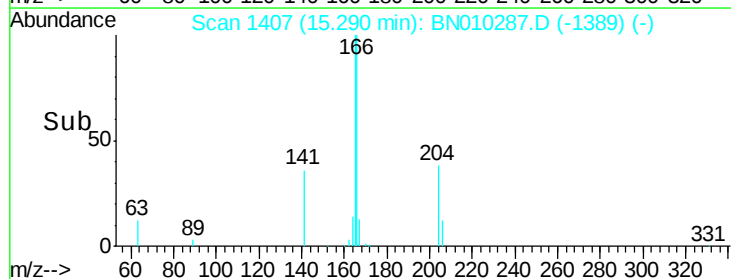
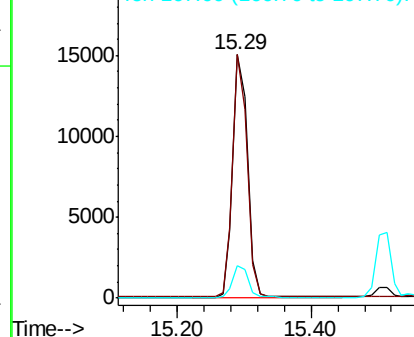
166 100

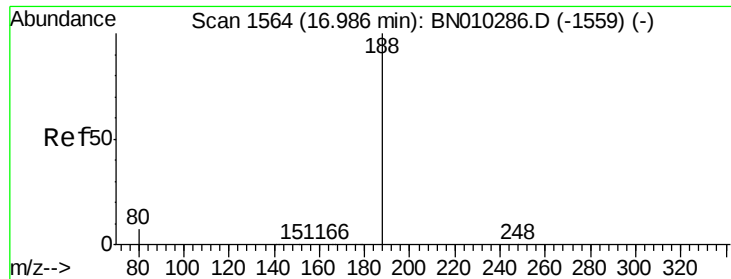
165 98.0 78.7 118.1

167 13.5 11.0 16.4



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: 16.98 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

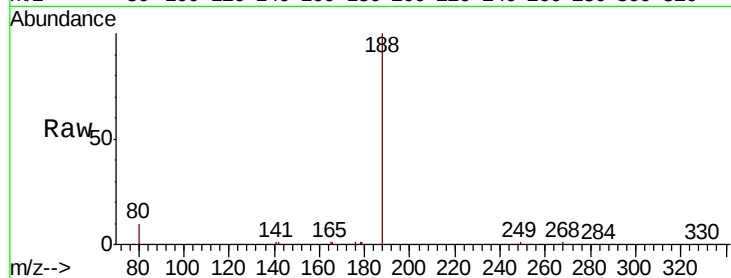
Tot Ion:188 Resp: 18802

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

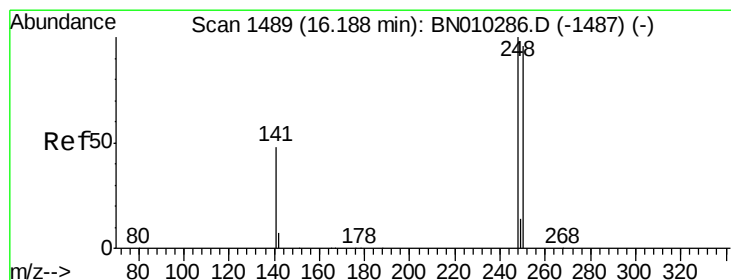
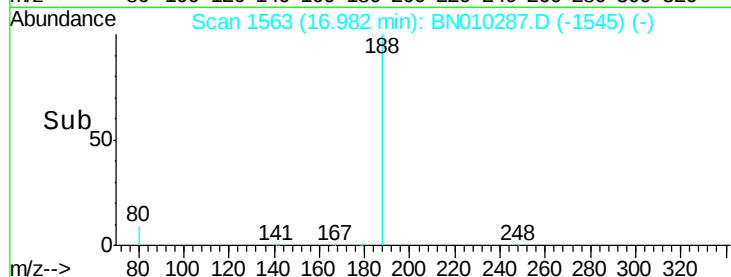
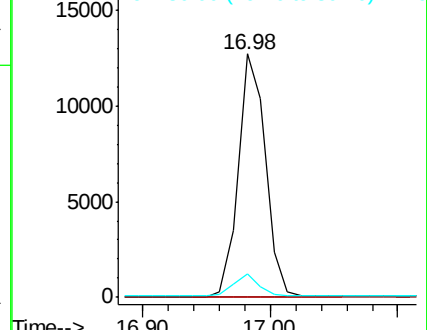
80 9.6 6.0 9.0#



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: 0.816 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

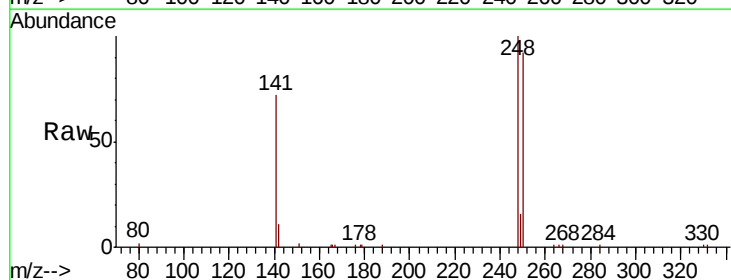
Tgt Ion:248 Resp: 8812

Ion Ratio Lower Upper

248 100

250 92.3 76.8 115.2

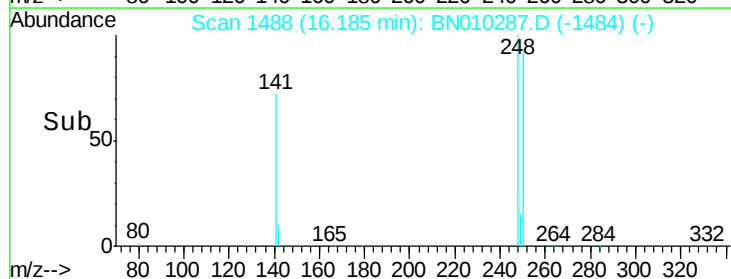
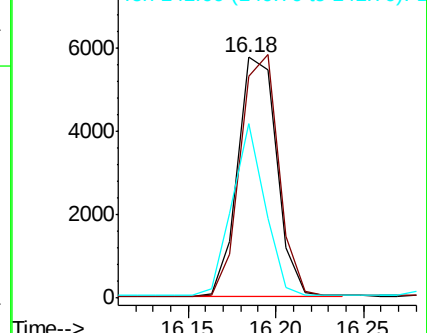
141 72.5 44.4 66.6#

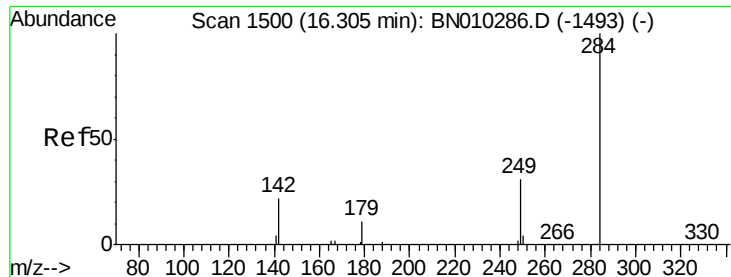


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.865 ng

RT: 16.30 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

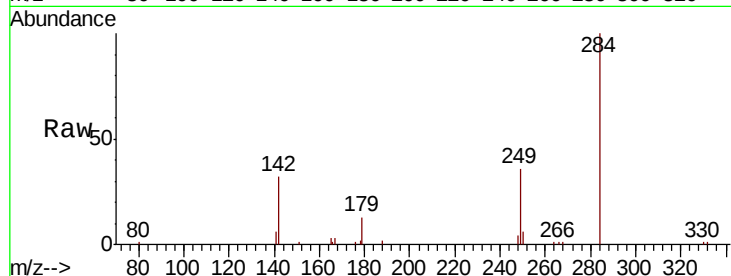
Tot Ion:284 Resp: 9116

Ion Ratio Lower Upper

284 100

142 34.0 27.4 41.2

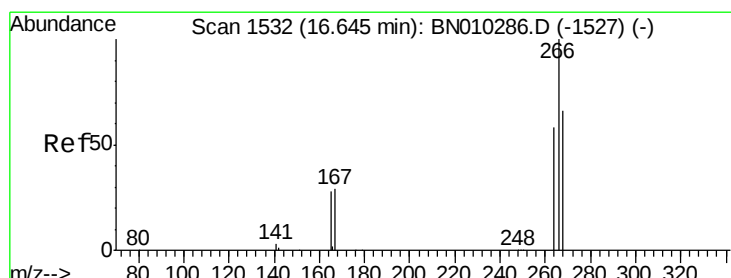
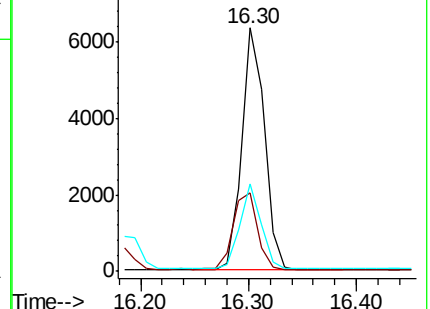
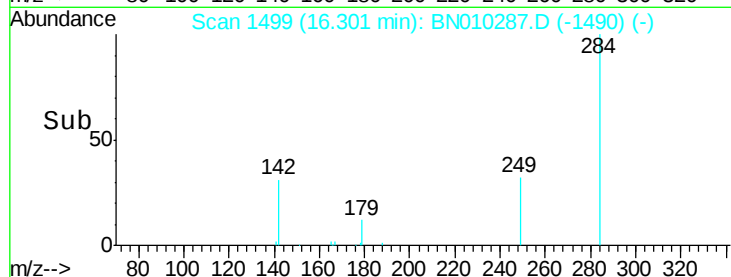
249 33.4 26.5 39.7



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: 0.809 ng

RT: 16.64 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

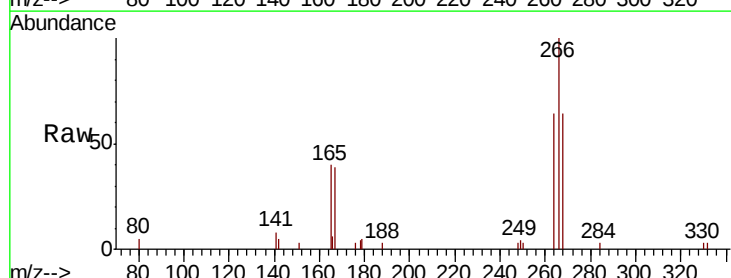
Tgt Ion:266 Resp: 2633

Ion Ratio Lower Upper

266 100

264 64.4 47.7 71.5

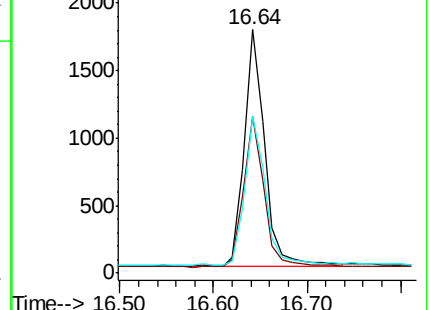
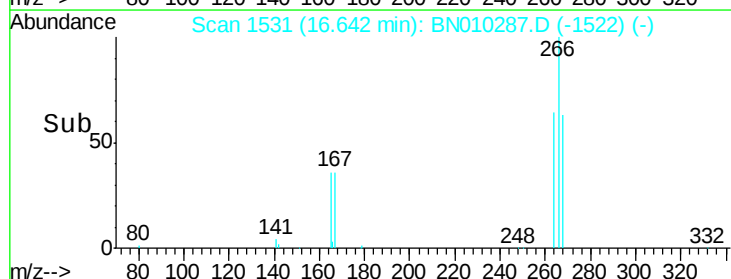
268 64.4 54.9 82.3

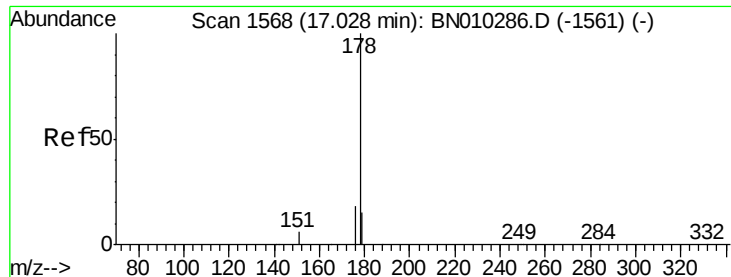


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.804 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

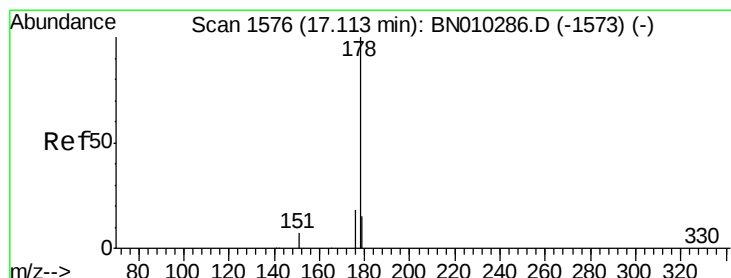
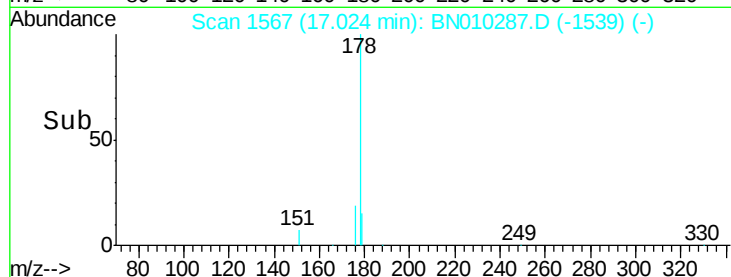
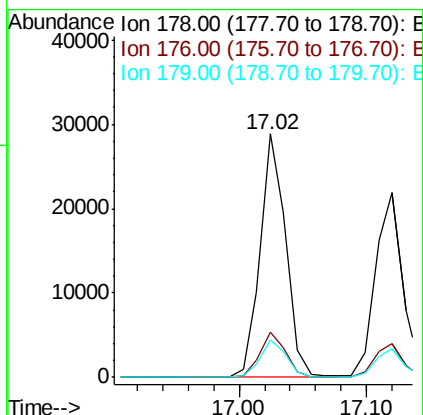
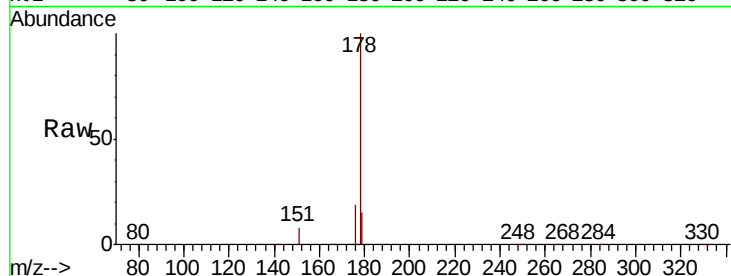
Tot Ion:178 Resp: 40104

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.4 12.4 18.6



#24

Anthracene

Concen: 0.674 ng

RT: 17.12 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

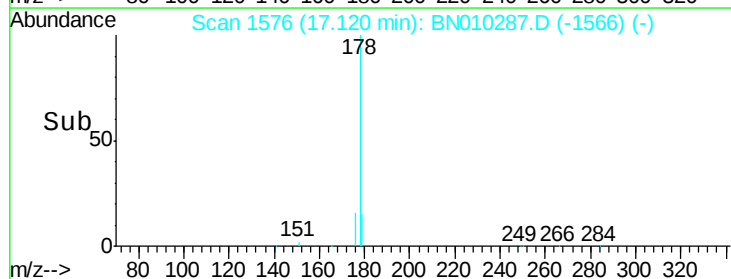
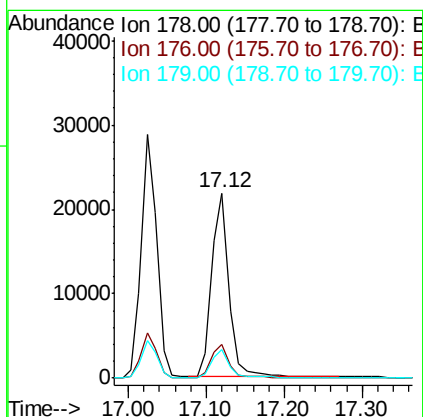
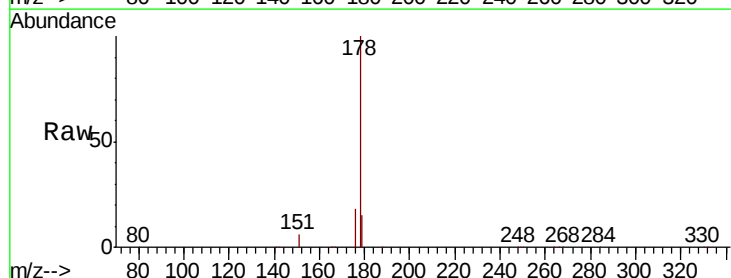
Tgt Ion:178 Resp: 33479

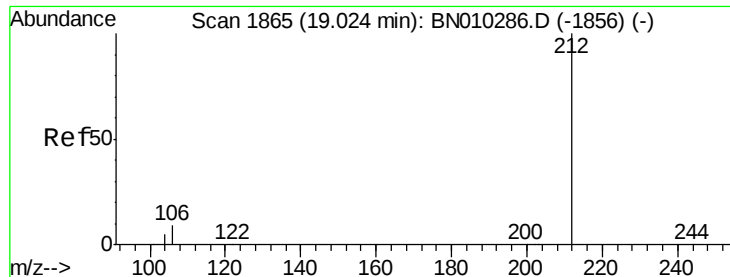
Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 15.3 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.739 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

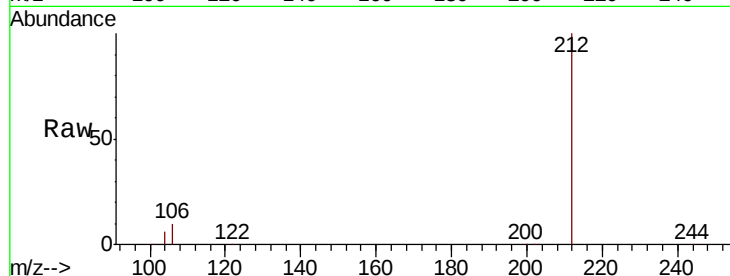
Tot Ion:212 Resp: 42923

Ion Ratio Lower Upper

212 100

106 9.5 7.4 11.2

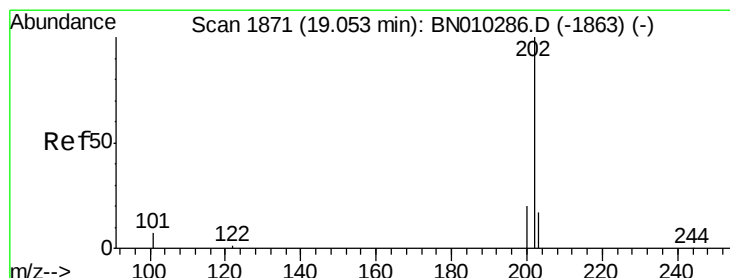
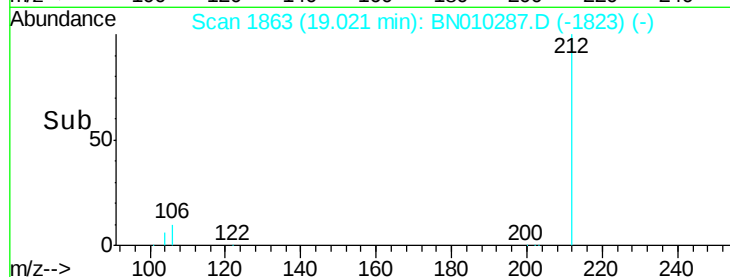
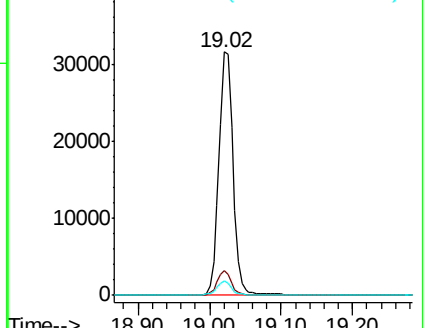
104 5.4 4.2 6.4



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: 0.773 ng

RT: 19.05 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

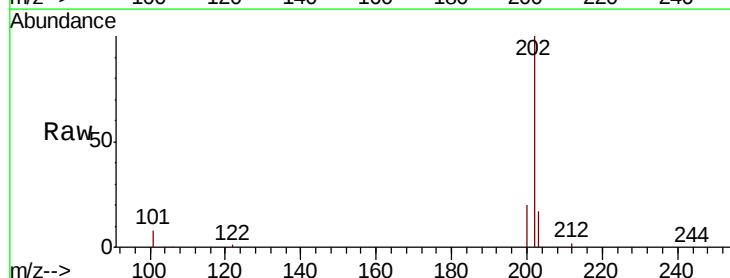
Tgt Ion:202 Resp: 48819

Ion Ratio Lower Upper

202 100

101 8.2 6.6 9.8

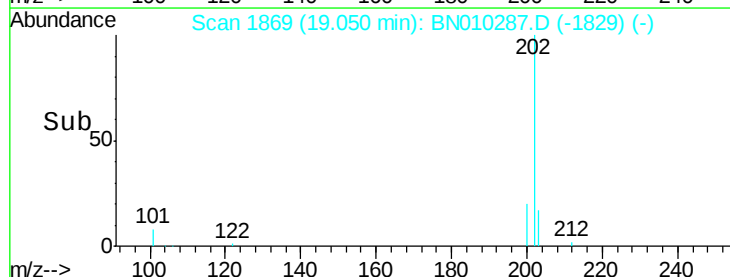
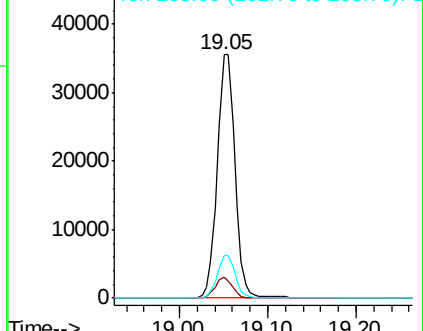
203 17.3 13.8 20.8

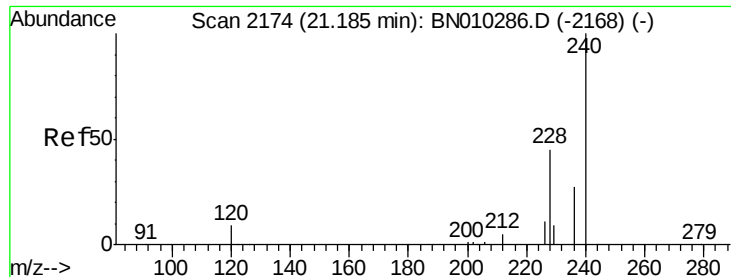


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

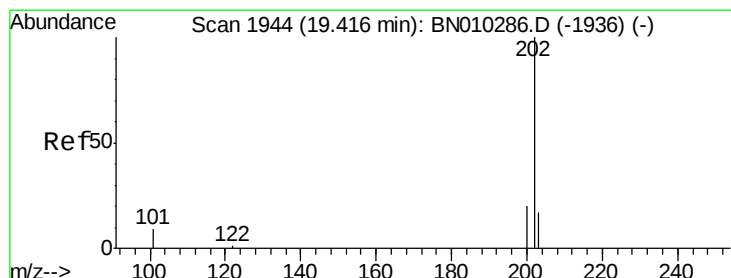
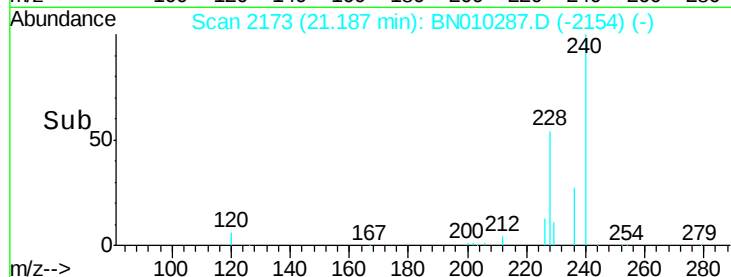
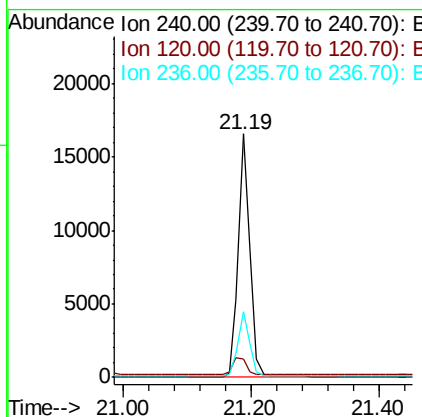
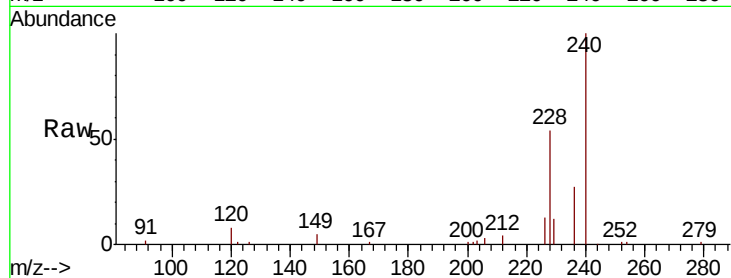




#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.19 min Scan# 2173  
 Delta R.T. 0.00 min  
 Lab File: BN010287.D  
 Acq: 19 Mar 2020 12:52

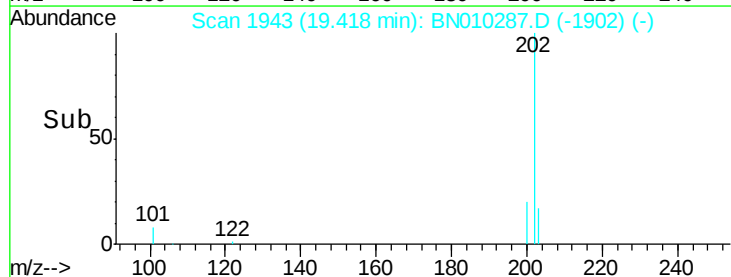
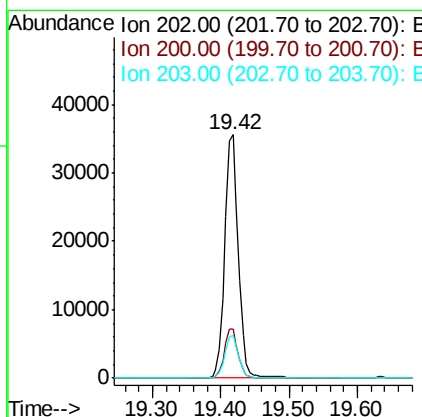
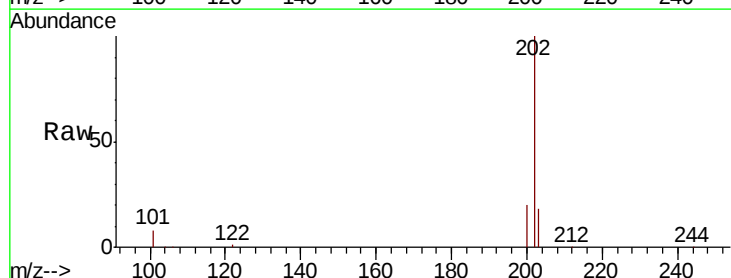
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

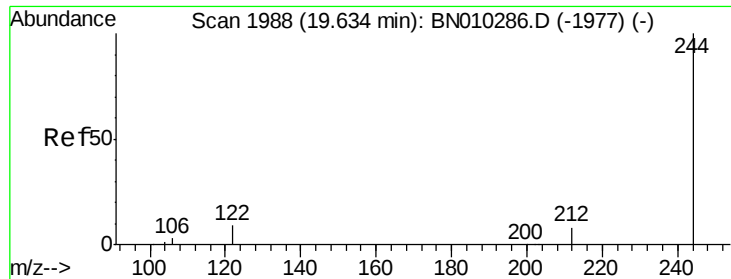
Tot Ion:240 Resp: 20665  
 Ion Ratio Lower Upper  
 240 100  
 120 7.8 7.9 11.9#  
 236 27.0 22.2 33.4



#28  
 Pyrene  
 Concen: 0.701 ng  
 RT: 19.42 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: BN010287.D  
 Acq: 19 Mar 2020 12:52

Tgt Ion:202 Resp: 48379  
 Ion Ratio Lower Upper  
 202 100  
 200 20.1 16.2 24.4  
 203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 0.716 ng

RT: 19.64 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

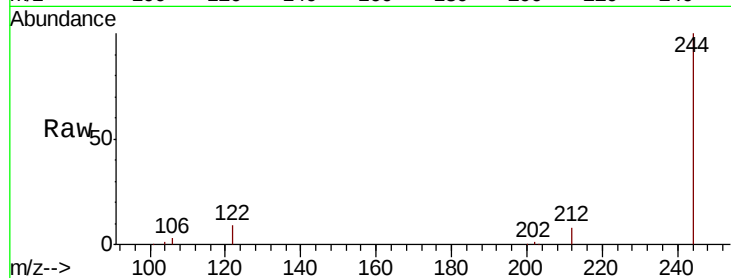
Tot Ion:244 Resp: 33754

Ion Ratio Lower Upper

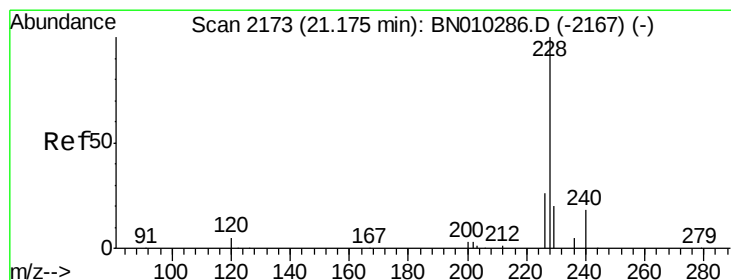
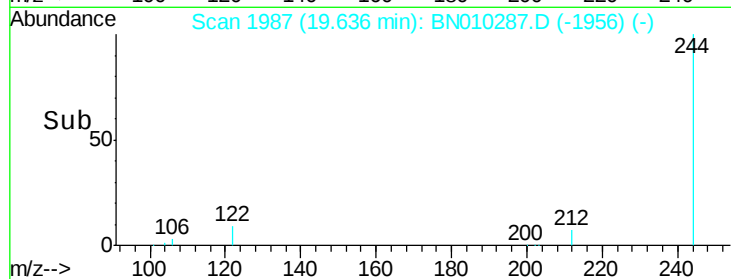
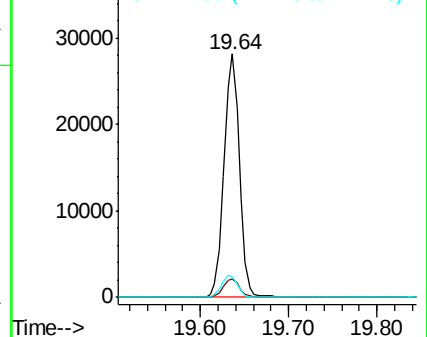
244 100

212 7.6 6.3 9.5

122 8.8 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.702 ng

RT: 21.18 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

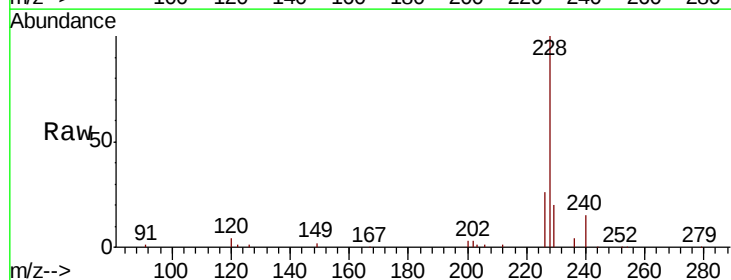
Tgt Ion:228 Resp: 49320

Ion Ratio Lower Upper

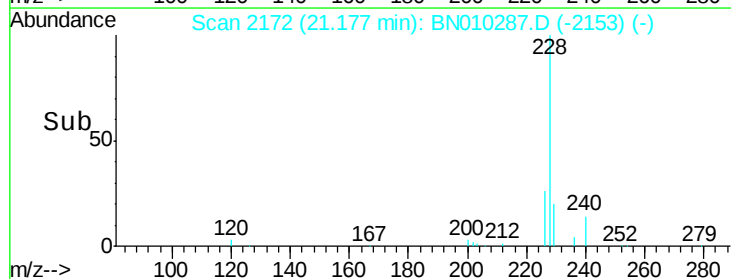
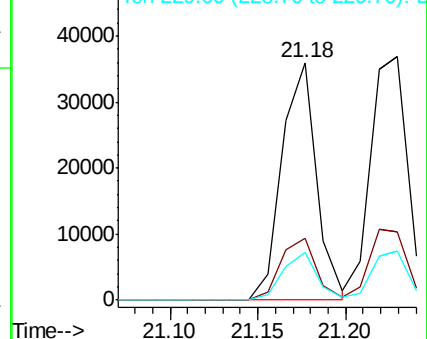
228 100

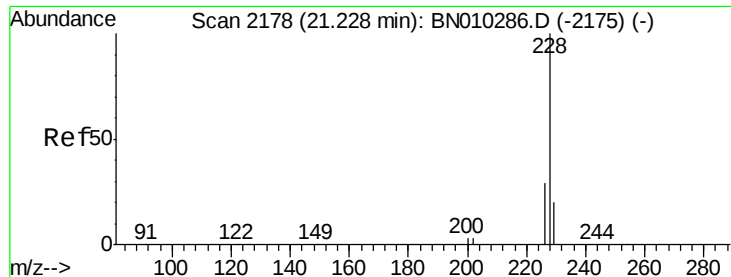
226 25.9 21.0 31.4

229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.785 ng

RT: 21.23 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

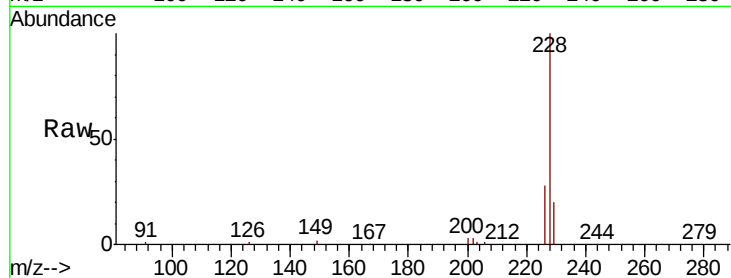
Tot Ion:228 Resp: 54284

Ion Ratio Lower Upper

228 100

226 27.9 23.0 34.6

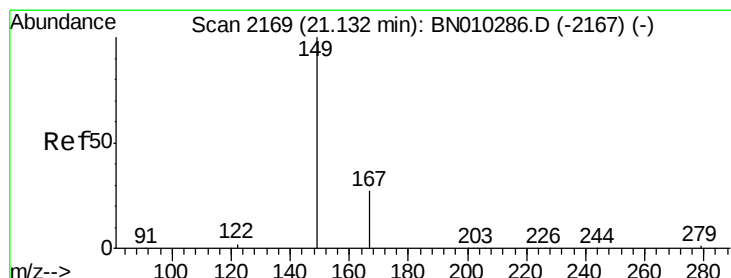
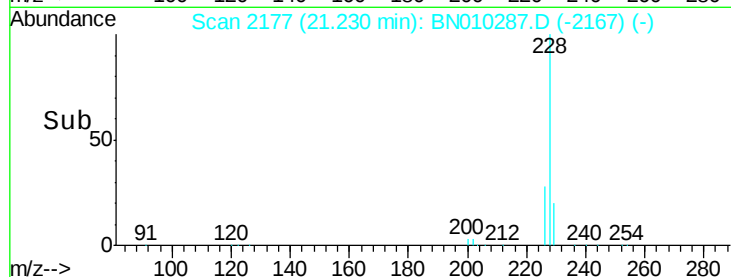
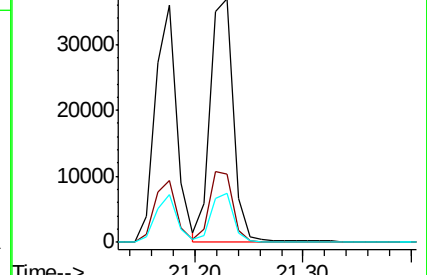
229 20.0 16.0 24.0



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: 0.479 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

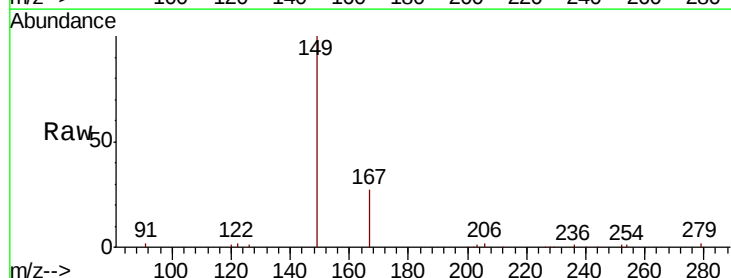
Tgt Ion:149 Resp: 14323

Ion Ratio Lower Upper

149 100

167 29.6 23.0 34.6

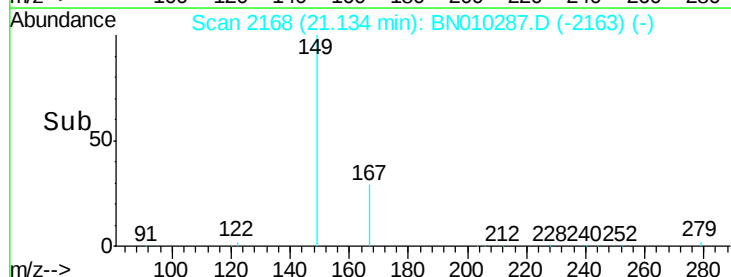
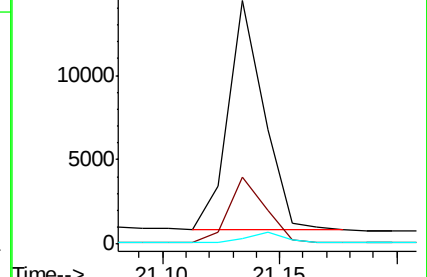
279 4.7 3.8 5.8

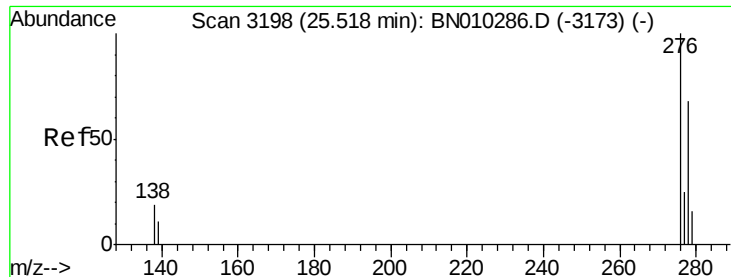


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.674 ng

RT: 25.52 min Scan# 3196

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

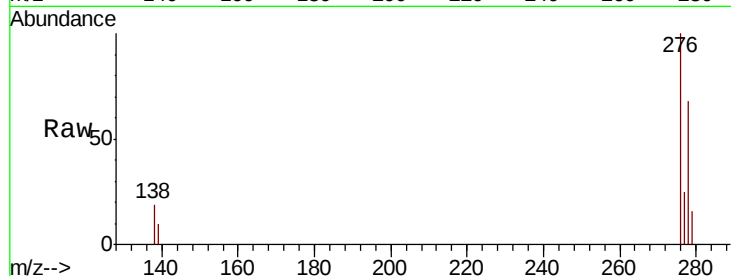
Tot Ion:276 Resp: 55323

Ion Ratio Lower Upper

276 100

138 19.1 15.6 23.4

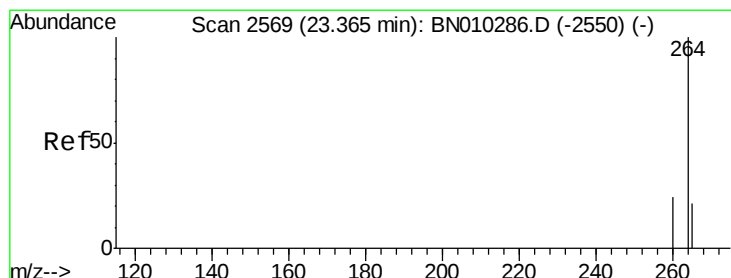
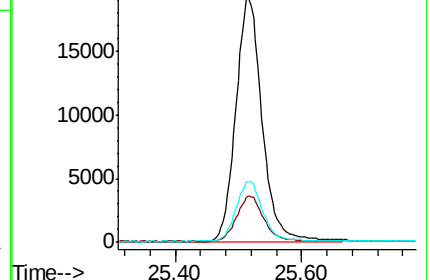
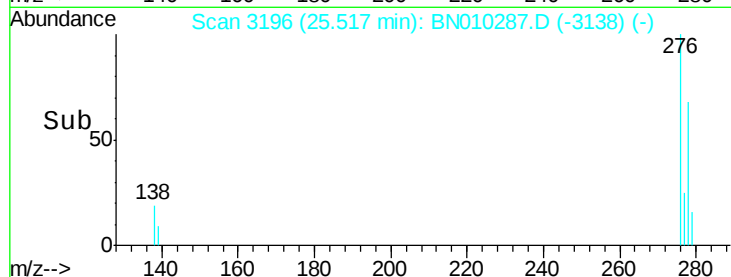
277 24.8 20.1 30.1



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: 23.36 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

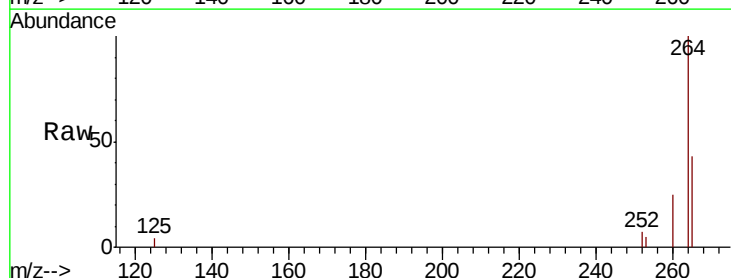
Tgt Ion:264 Resp: 19762

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

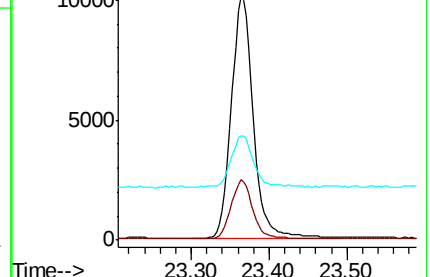
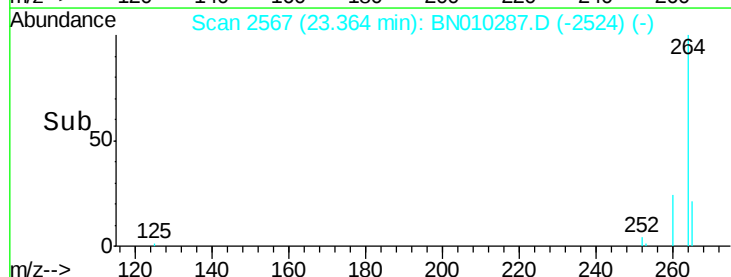
265 42.7 32.4 48.6

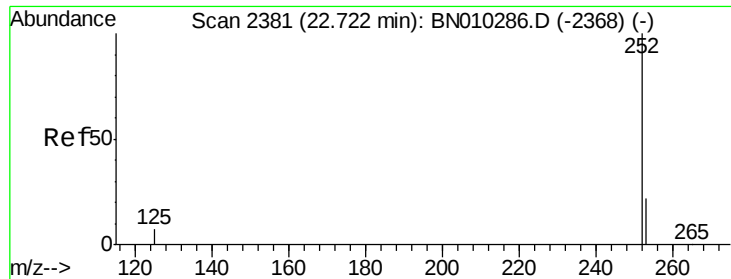


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.814 ng

RT: 22.72 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

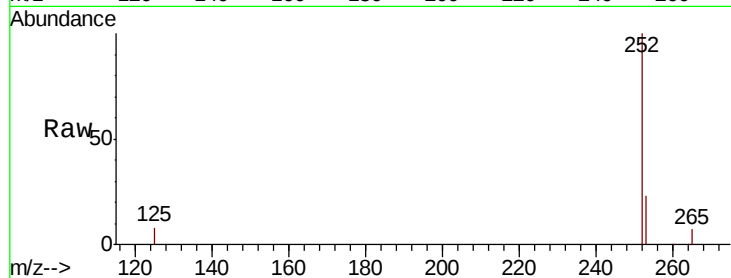
Tot Ion:252 Resp: 49469

Ion Ratio Lower Upper

252 100

253 22.8 19.2 28.8

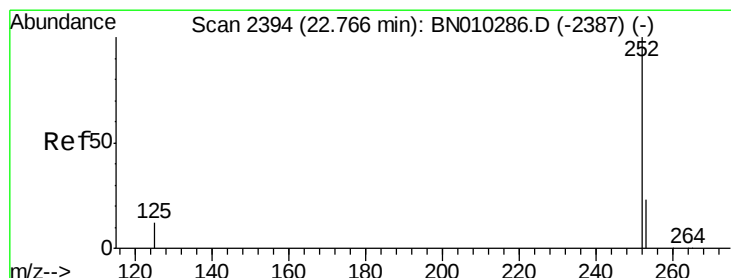
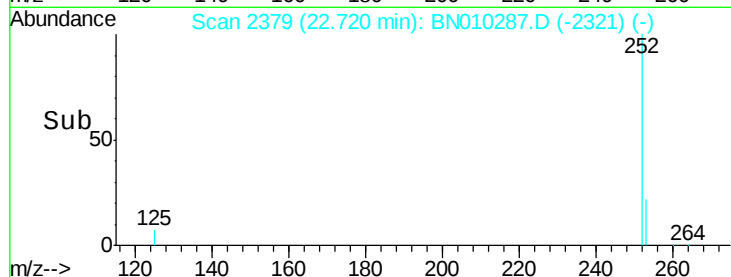
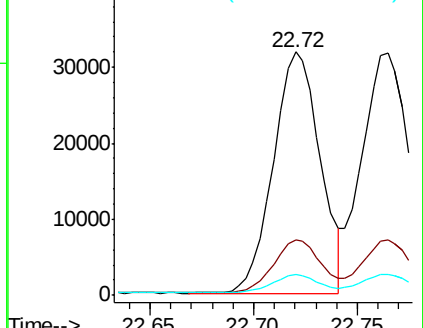
125 8.4 7.4 11.0



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



#36

Benzo(k)fluoranthene

Concen: 0.857 ng

RT: 22.76 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

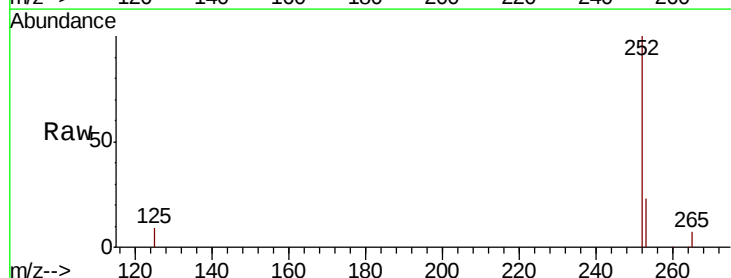
Tgt Ion:252 Resp: 52630

Ion Ratio Lower Upper

252 100

253 22.9 19.4 29.0

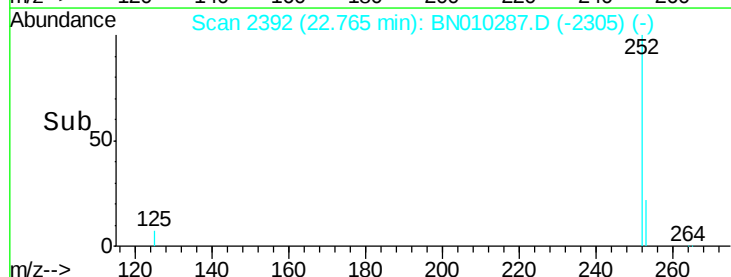
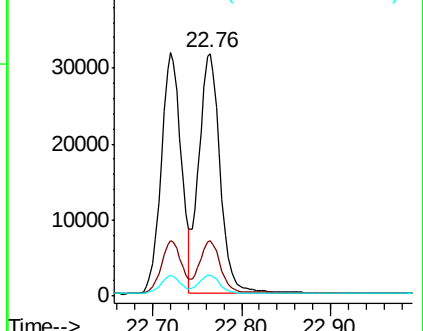
125 8.6 10.2 15.2#

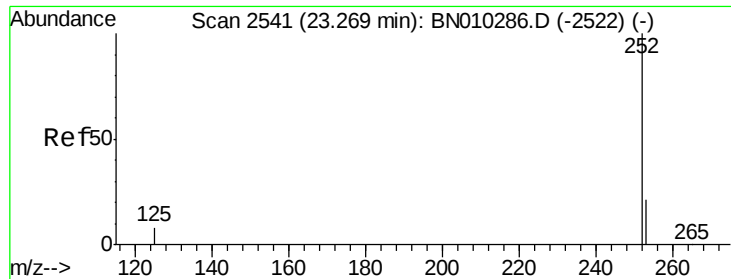


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.734 ng

RT: 23.27 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

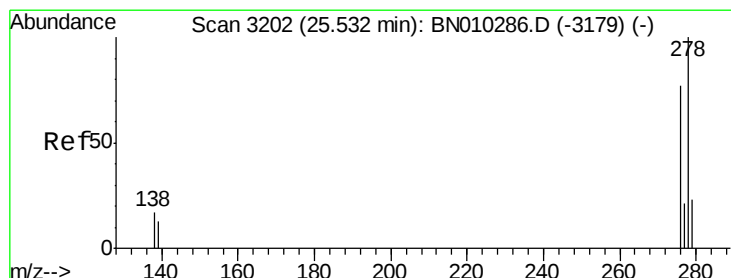
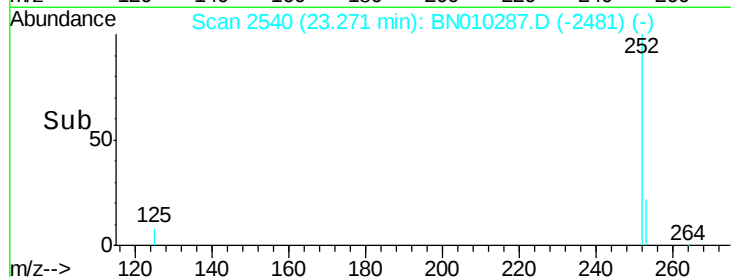
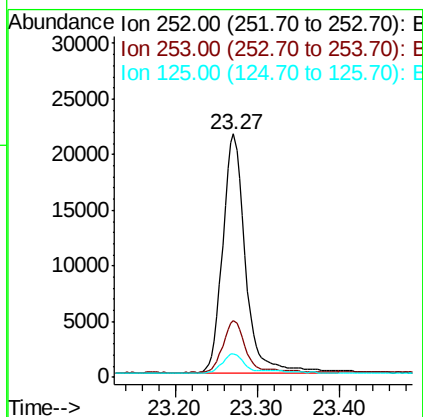
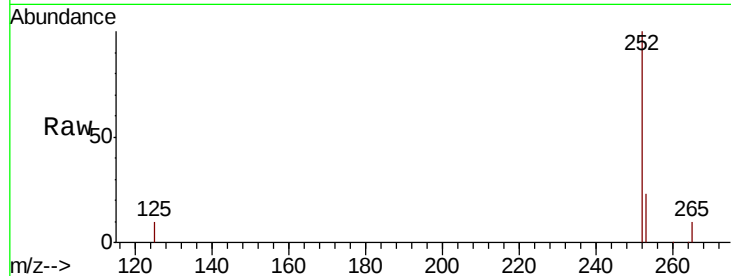
Tot Ion:252 Resp: 42083

Ion Ratio Lower Upper

252 100

253 23.2 19.9 29.9

125 9.5 8.9 13.3



#38

Dibenzo(a,h)anthracene

Concen: 0.799 ng

RT: 25.53 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

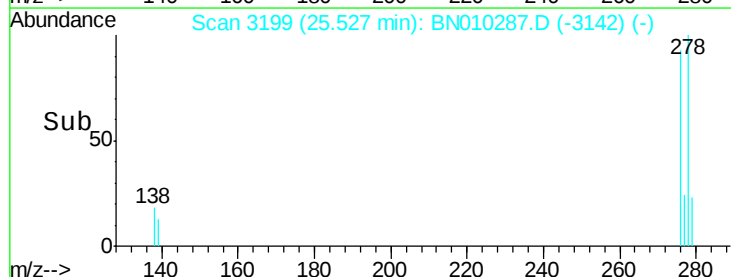
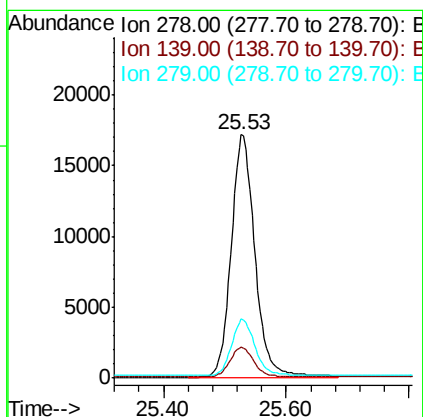
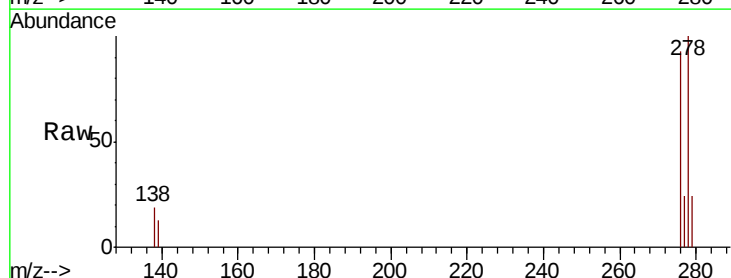
Tgt Ion:278 Resp: 45969

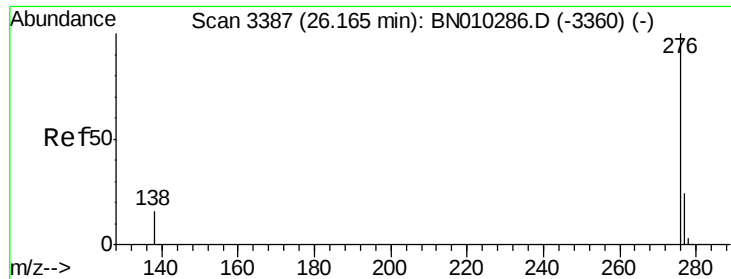
Ion Ratio Lower Upper

278 100

139 13.0 10.6 16.0

279 24.2 19.8 29.6





#39

Benzo(a,h,i)perylene

Concen: 0.810 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

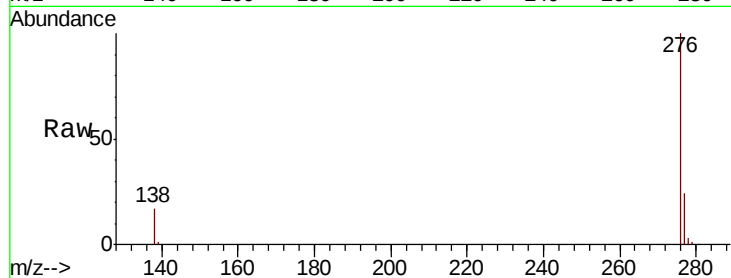
Tot Ion: 276 Resp: 46502

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 16.6 13.3 19.9



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

