

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\  
 Data File : BN007741.D  
 Acq On : 19 Sep 2019 15:12  
 Operator : HP/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Sep 20 01:48:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 18:24:40 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 5595     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.47 | 136  | 21609    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.32 | 164  | 12769    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.07 | 188  | 28592    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.27 | 240  | 31410    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.49 | 264  | 32938    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.32  | 112 | 5755  | 0.30 | ng | 0.00 |
| 5) Phenol-d6                | 6.87  | 99  | 7292  | 0.30 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.83  | 82  | 6402  | 0.34 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.06 | 152 | 13934 | 0.38 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.82 | 330 | 1858  | 0.27 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.94 | 172 | 20371 | 0.39 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.10 | 212 | 35652 | 0.37 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.71 | 244 | 30417 | 0.39 | ng | 0.00 |

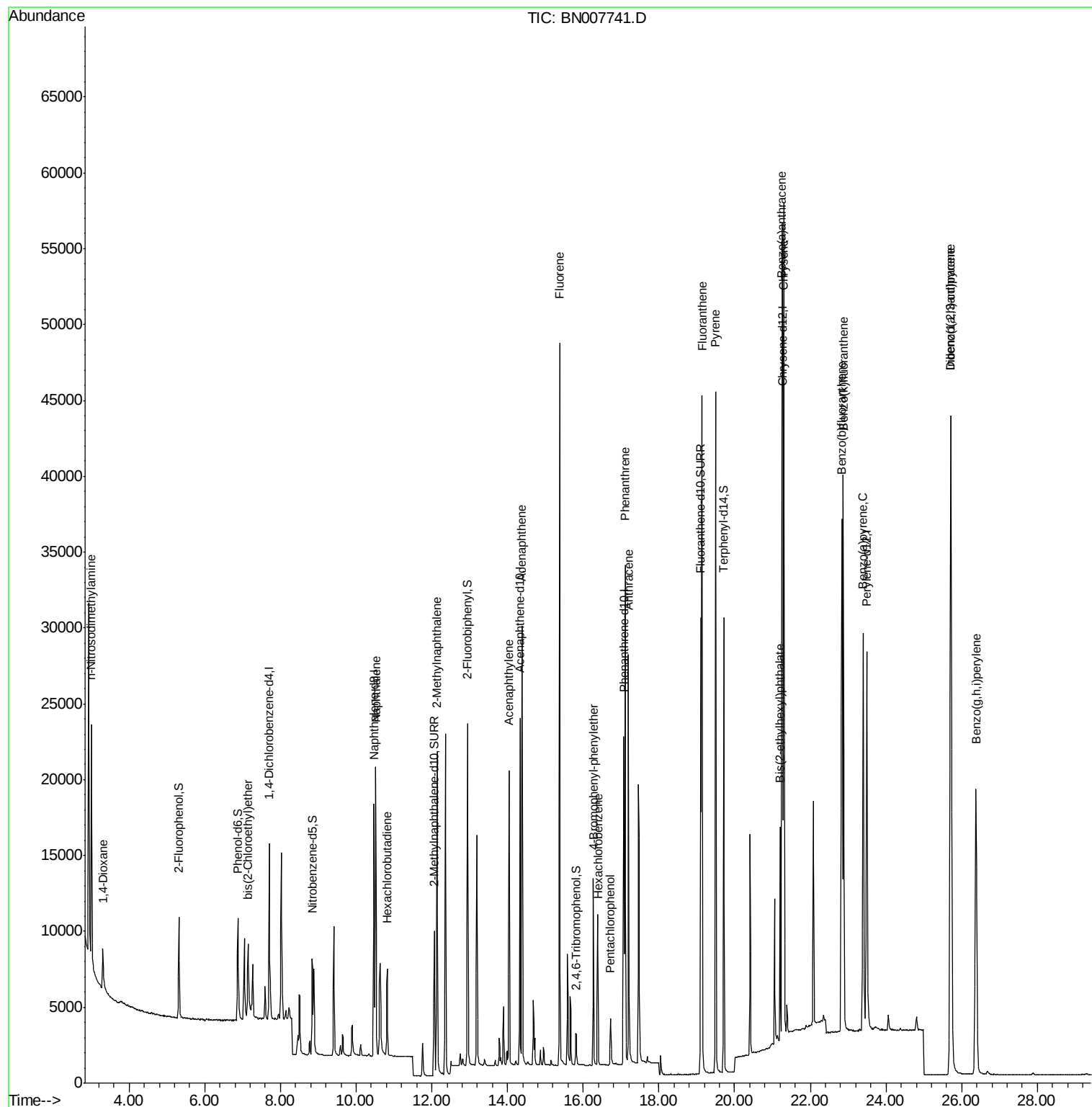
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.30  | 88  | 2269  | 0.364  | ng | # 80 |
| 3) n-Nitrosodimethylamine      | 3.01  | 42  | 1670  | 0.585  | ng | # 95 |
| 6) bis(2-Chloroethyl)ether     | 7.15  | 93  | 5666  | 0.358  | ng | 98   |
| 9) Naphthalene                 | 10.52 | 128 | 24150 | 0.398  | ng | 100  |
| 10) Hexachlorobutadiene        | 10.82 | 225 | 5008  | 0.392  | ng | # 99 |
| 12) 2-Methylnaphthalene        | 12.13 | 142 | 15939 | 0.389  | ng | 99   |
| 16) Acenaphthylene             | 14.03 | 152 | 23214 | 0.343  | ng | 100  |
| 17) Acenaphthene               | 14.38 | 154 | 15760 | 0.361  | ng | 96   |
| 18) Fluorene                   | 15.37 | 166 | 20268 | 0.362  | ng | 100  |
| 20) 4-Bromophenyl-phenylether  | 16.27 | 248 | 6895  | 0.397  | ng | 98   |
| 21) Hexachlorobenzene          | 16.39 | 284 | 7908  | 0.417  | ng | 98   |
| 22) Pentachlorophenol          | 16.72 | 266 | 1883  | 0.269  | ng | 95   |
| 23) Phenanthrene               | 17.11 | 178 | 35801 | 0.402  | ng | 100  |
| 24) Anthracene                 | 17.20 | 178 | 29293 | 0.364  | ng | 100  |
| 26) Fluoranthene               | 19.14 | 202 | 42063 | 0.380  | ng | 100  |
| 28) Pyrene                     | 19.50 | 202 | 42041 | 0.392  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.25 | 228 | 41098 | 0.355  | ng | 99   |
| 31) Chrysene                   | 21.30 | 228 | 46004 | 0.408  | ng | 100  |
| 32) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 12351 | 0.208  | ng | 98   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.71 | 276 | 51605 | 0.366  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 22.83 | 252 | 44095 | 0.386  | ng | 100  |
| 36) Benzo(k)fluoranthene       | 22.87 | 252 | 46296 | 0.409  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.40 | 252 | 38922 | 0.362  | ng | 100  |
| 38) Dibenzo(a,h)anthracene     | 25.72 | 278 | 41955 | 0.382  | ng | 100  |
| 39) Benzo(g,h,i)perylene       | 26.38 | 276 | 40912 | 0.376  | ng | 99   |

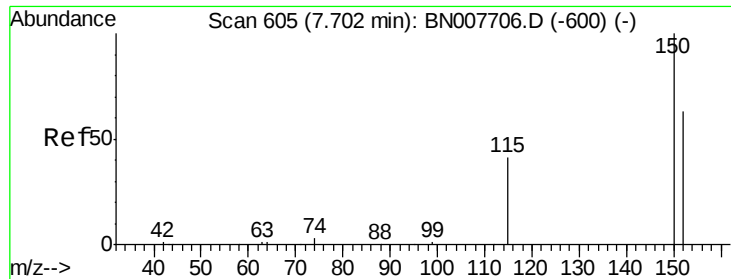
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 18 18:24:40 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

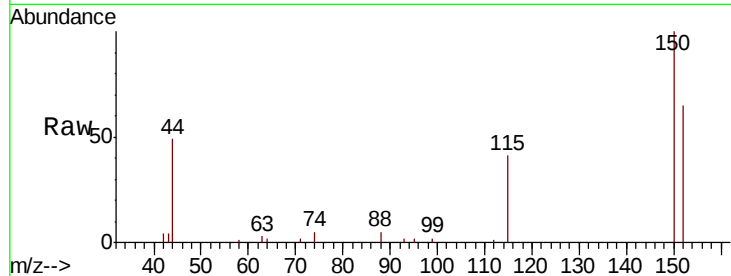
Tot Ion:152 Resp: 5595

Ion Ratio Lower Upper

152 100

150 153.7 125.6 188.4

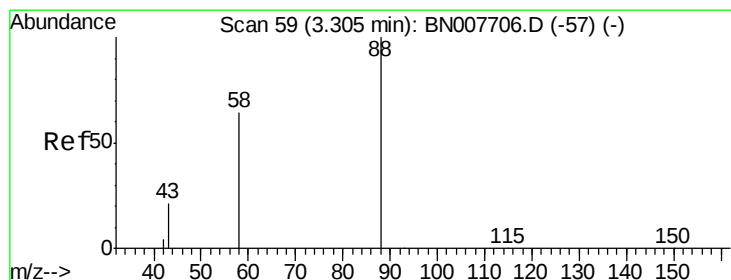
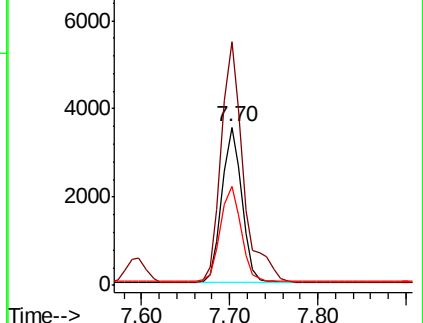
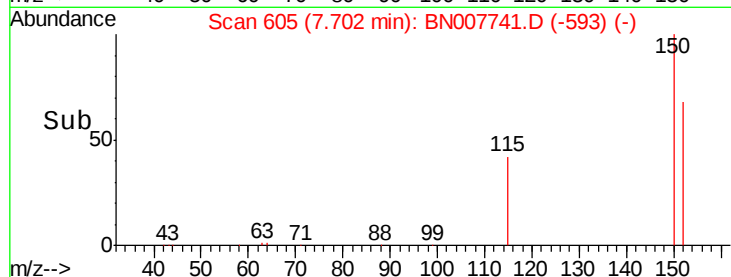
115 62.6 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.364 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

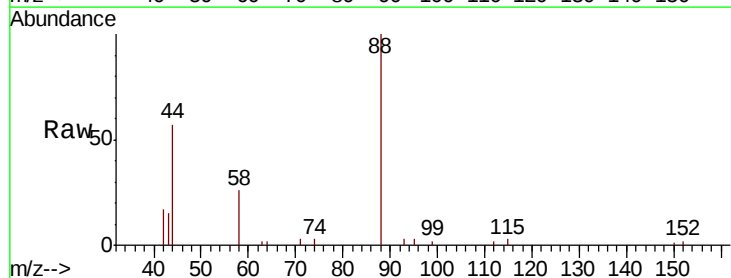
Tgt Ion: 88 Resp: 2269

Ion Ratio Lower Upper

88 100

58 71.5 44.6 66.8#

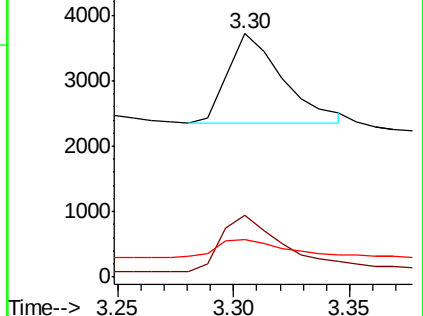
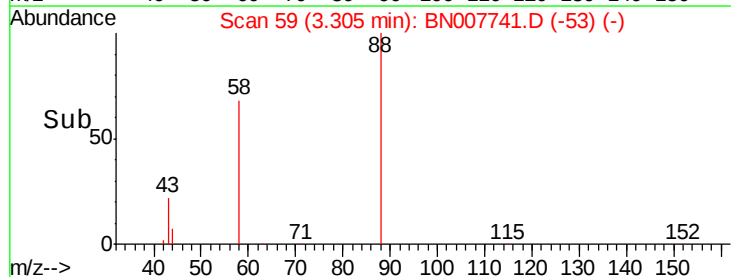
43 24.9 14.4 21.6#



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.585 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

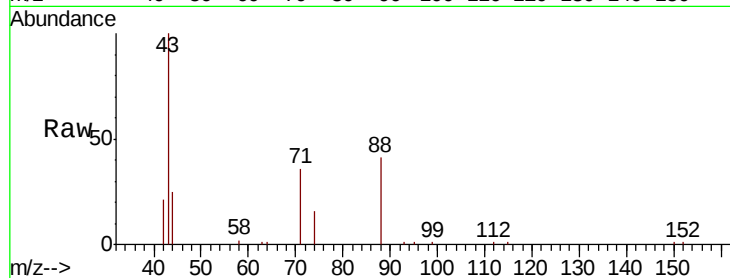
Tot Ion: 42 Resp: 1670

Ion Ratio Lower Upper

42 100

74 110.1 87.9 131.9

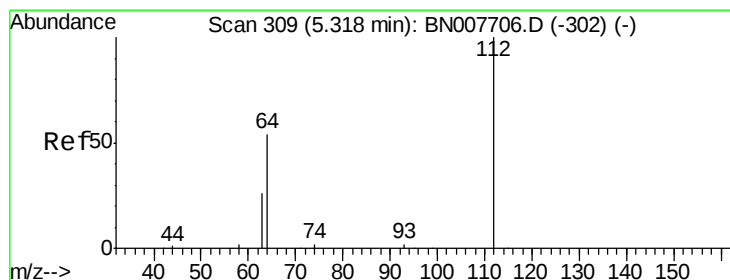
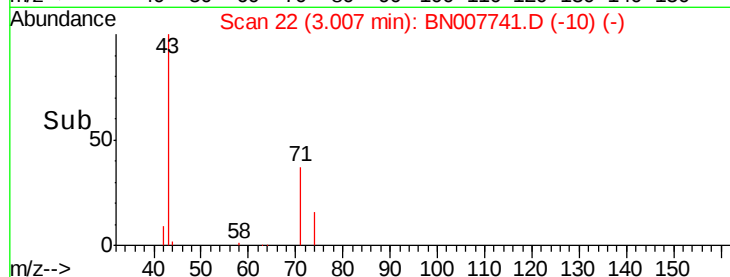
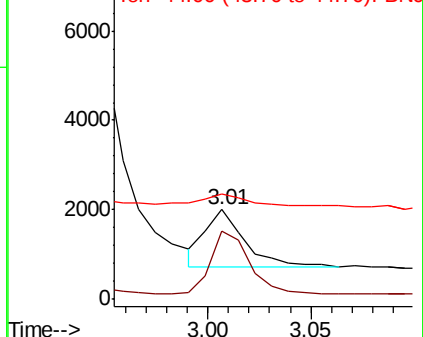
44 24.3 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.299 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

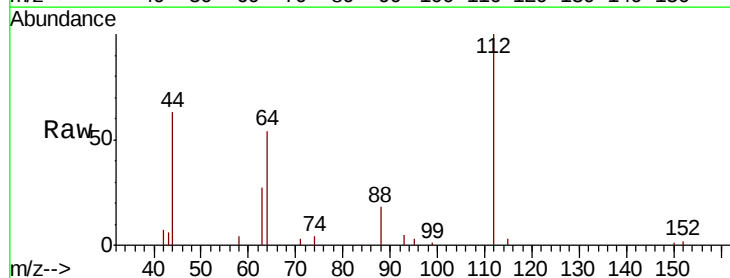
Tgt Ion: 112 Resp: 5755

Ion Ratio Lower Upper

112 100

64 59.4 46.6 70.0

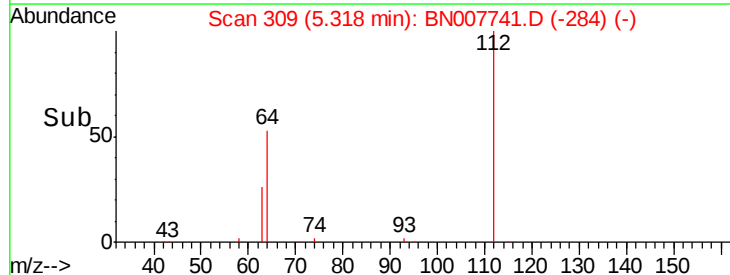
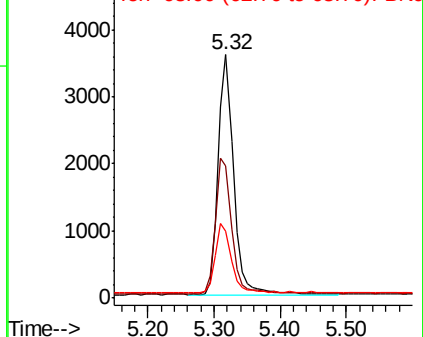
63 29.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.302 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

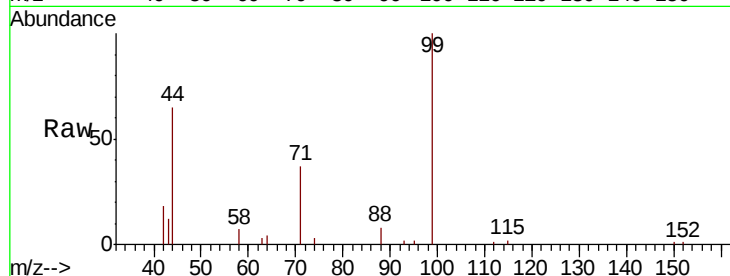
Tot Ion: 99 Resp: 7292

Ion Ratio Lower Upper

99 100

42 15.6 12.8 19.2

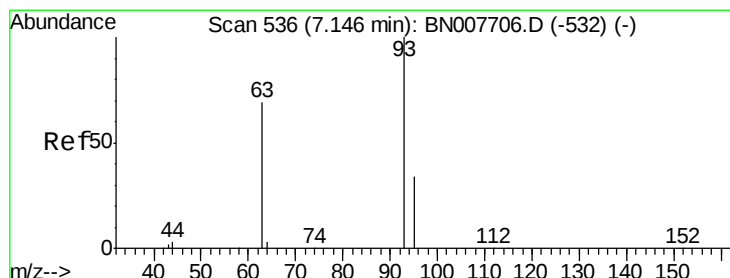
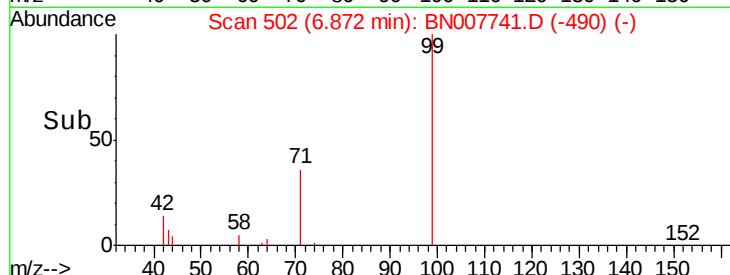
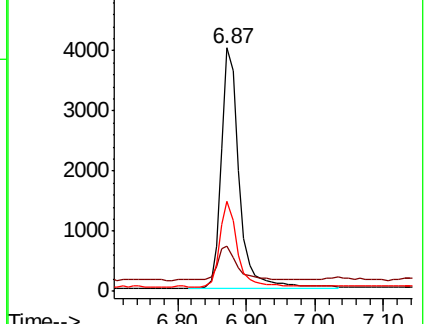
71 35.1 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007741.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007741.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007741.D (-511) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.358 ng

RT: 7.15 min Scan# 536

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

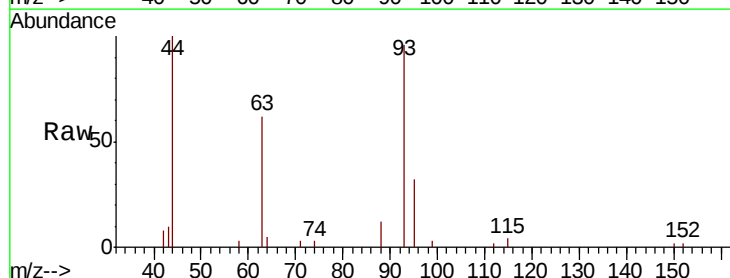
Tgt Ion: 93 Resp: 5666

Ion Ratio Lower Upper

93 100

63 75.9 59.3 88.9

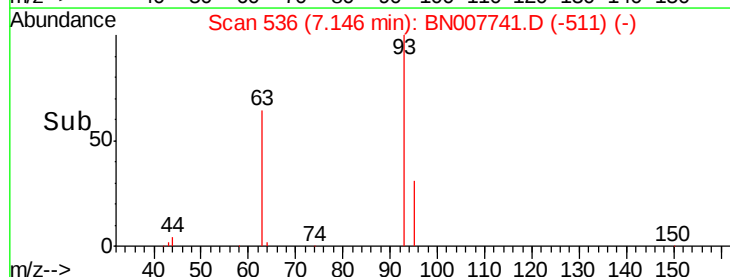
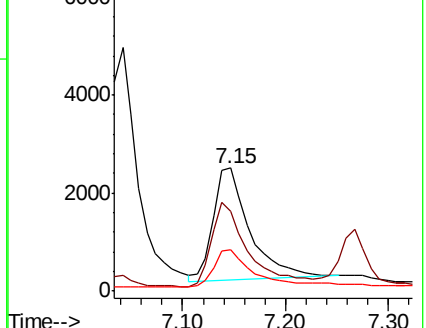
95 38.4 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007741.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007741.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007741.D (-511) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 21609

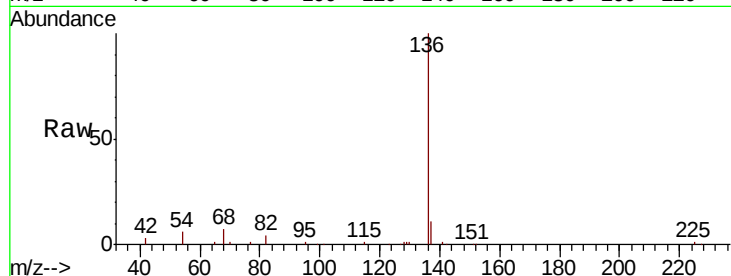
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.4 5.8 8.8

68 7.1 6.5 9.7

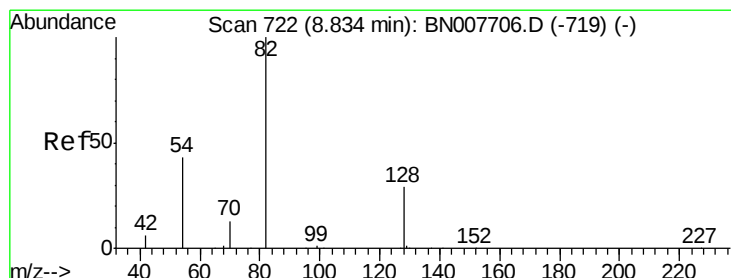
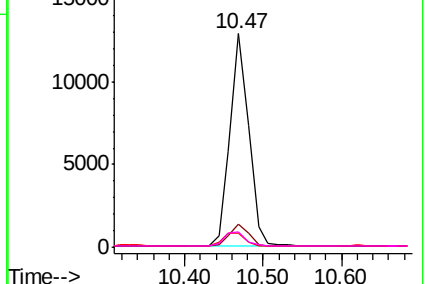
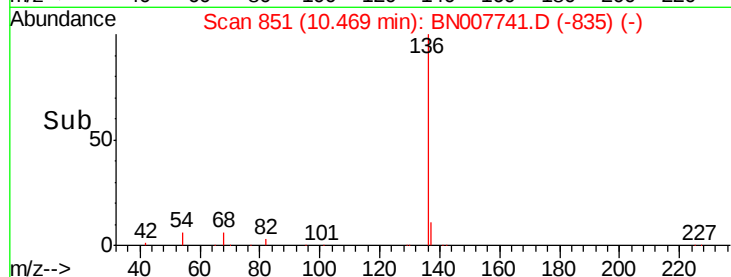


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

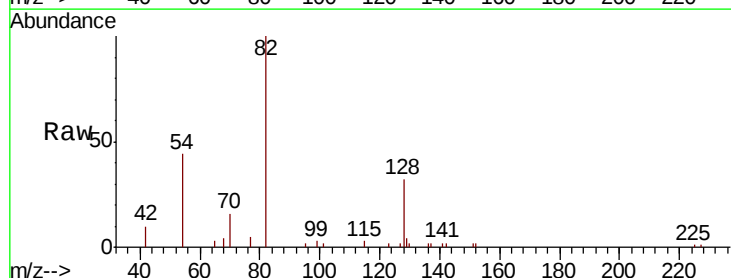
Tgt Ion: 82 Resp: 6402

Ion Ratio Lower Upper

82 100

128 31.6 24.5 36.7

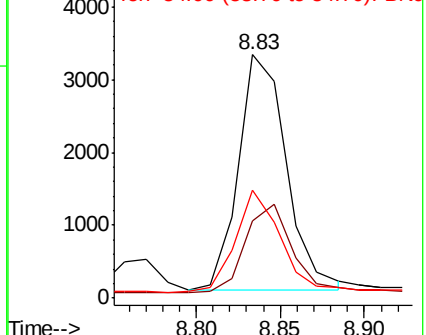
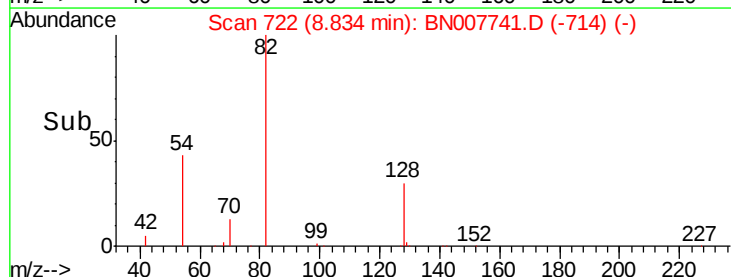
54 44.4 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.398 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

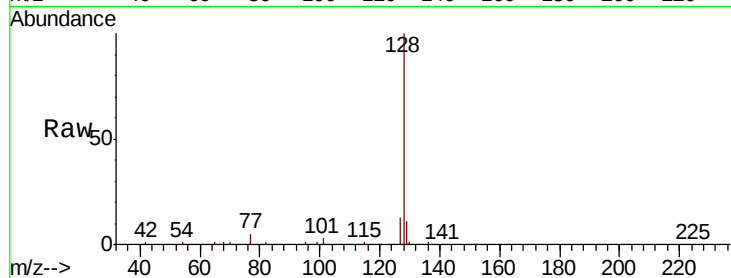
Tot Ion:128 Resp: 24150

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 13.2 10.6 15.8

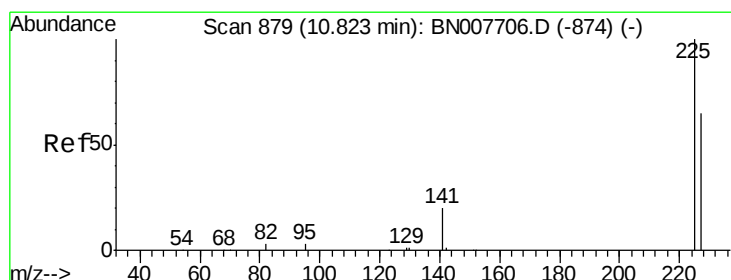
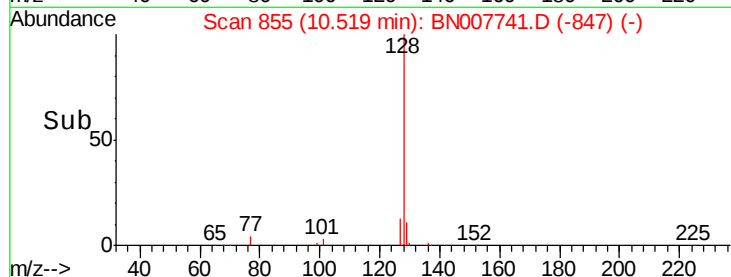
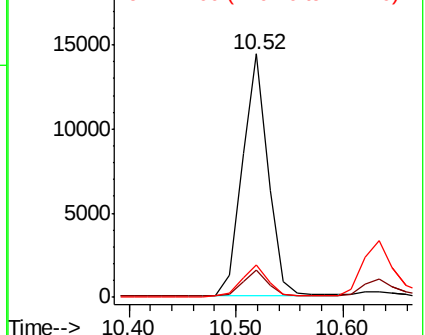


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.392 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

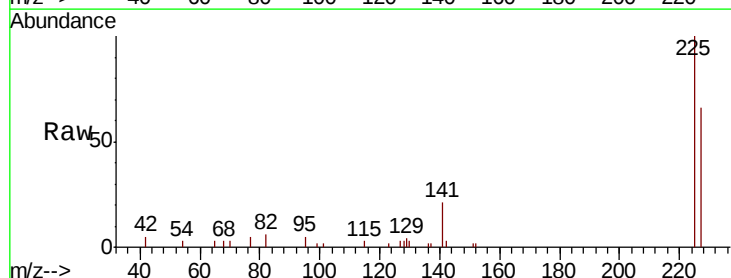
Tgt Ion:225 Resp: 5008

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.4 51.2 76.8

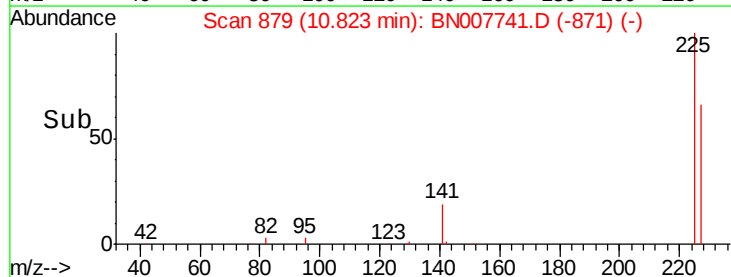
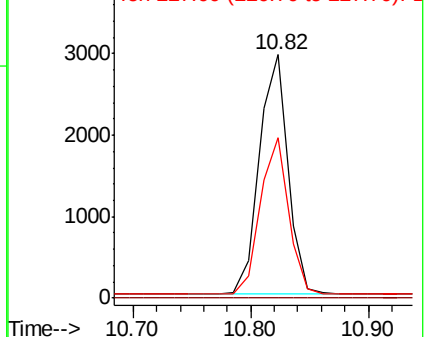


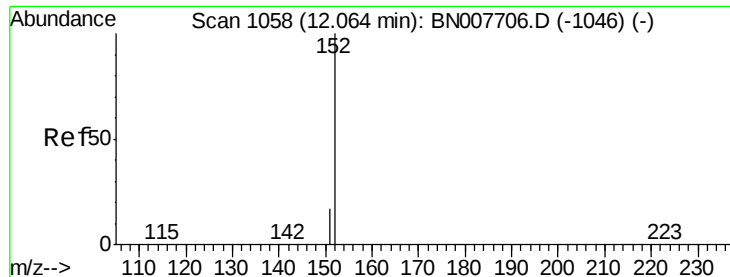
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

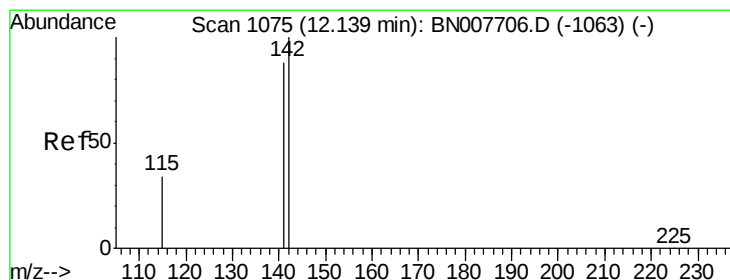
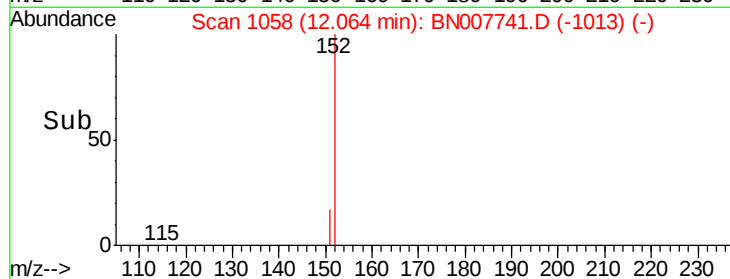
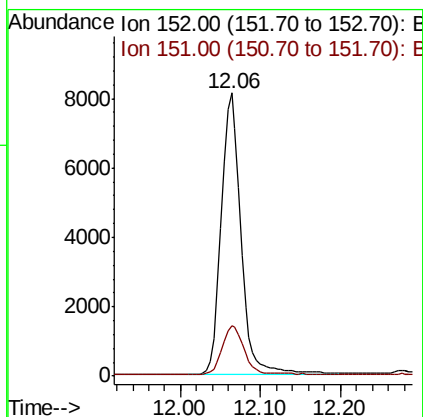
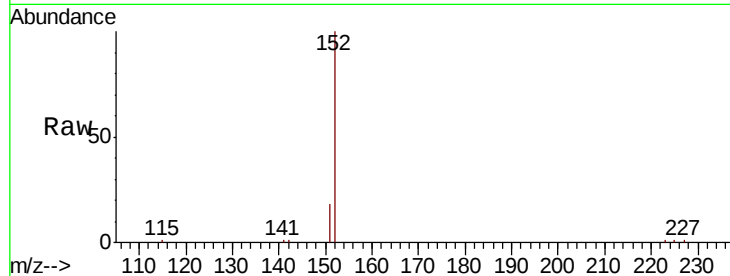




#11  
2-Methylnaphthalene-d10  
Concen: 0.383 ng  
RT: 12.06 min Scan# 1058  
Delta R.T. -0.00 min  
Lab File: BN007741.D  
Acq: 19 Sep 2019 15:12

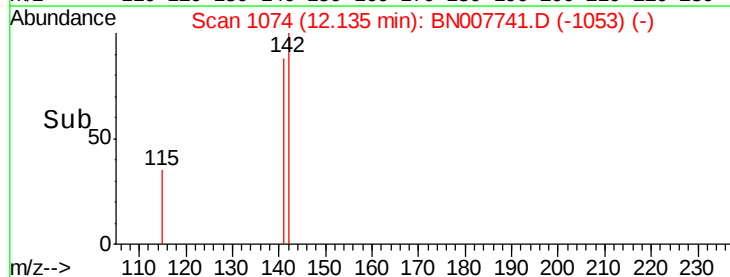
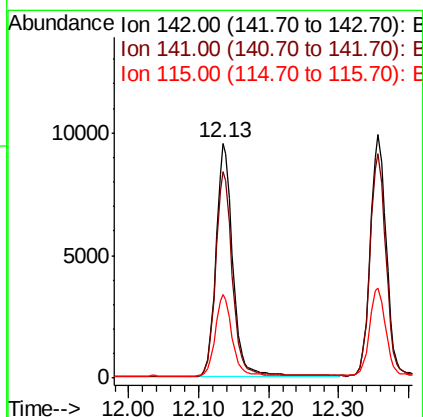
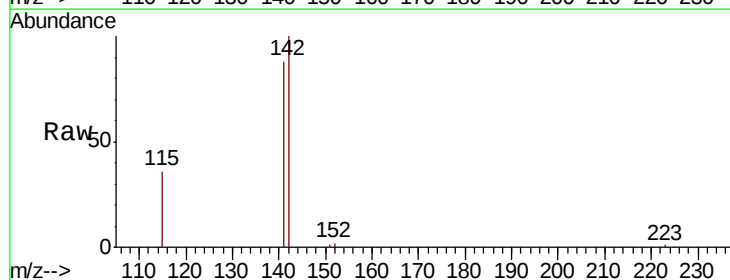
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:152 Resp: 13934  
Ion Ratio Lower Upper  
152 100  
151 19.0 15.4 23.2



#12  
2-Methylnaphthalene  
Concen: 0.389 ng  
RT: 12.13 min Scan# 1074  
Delta R.T. -0.00 min  
Lab File: BN007741.D  
Acq: 19 Sep 2019 15:12

Tgt Ion:142 Resp: 15939  
Ion Ratio Lower Upper  
142 100  
141 87.6 70.6 106.0  
115 35.8 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

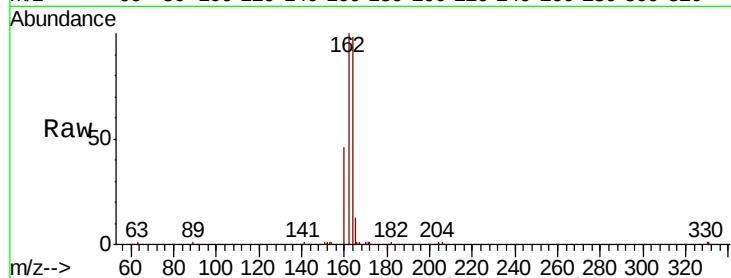
Tot Ion:164 Resp: 12769

Ion Ratio Lower Upper

164 100

162 101.8 81.7 122.5

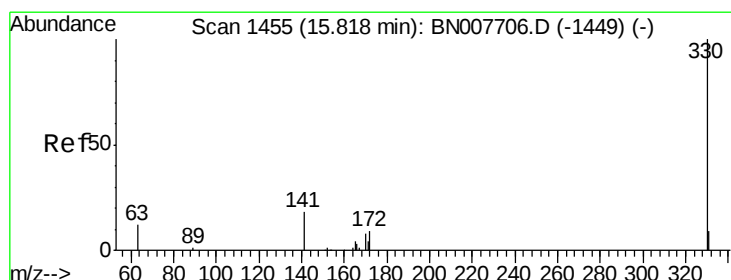
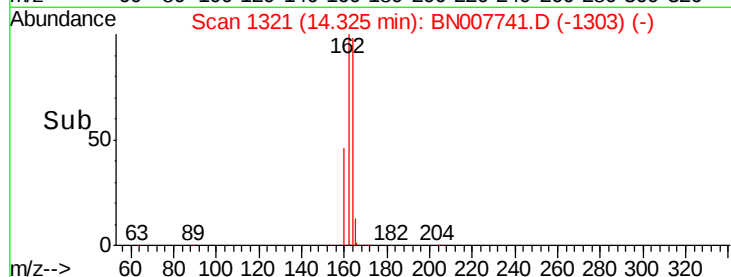
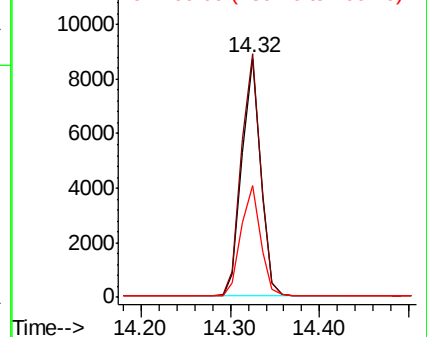
160 46.7 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.267 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

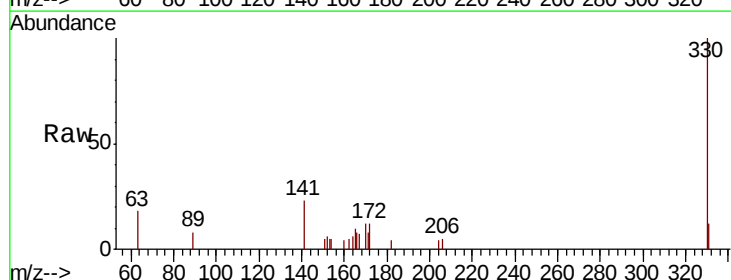
Tgt Ion:330 Resp: 1858

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

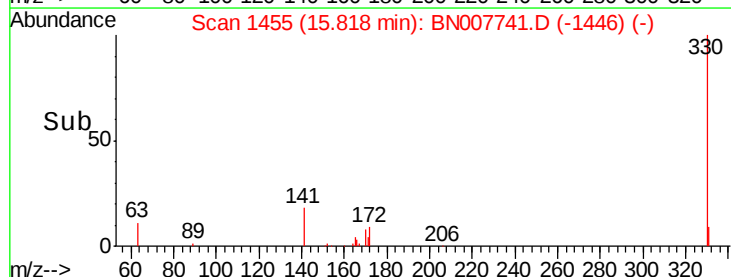
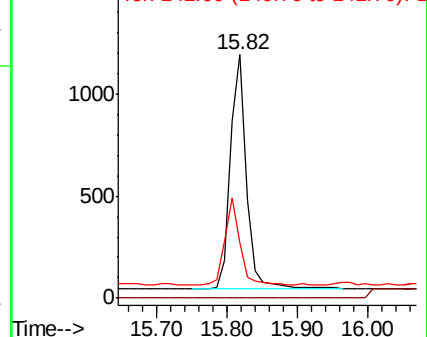
141 35.5 28.7 43.1



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

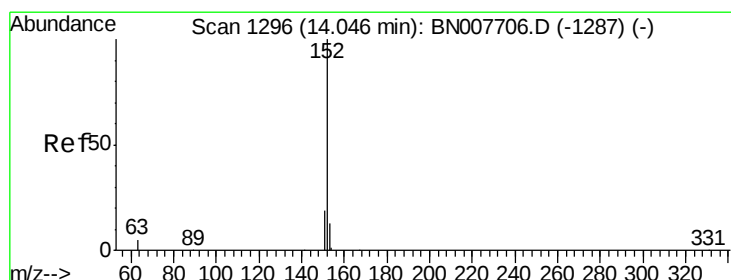
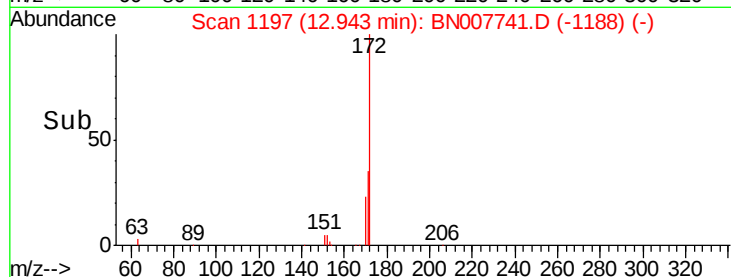
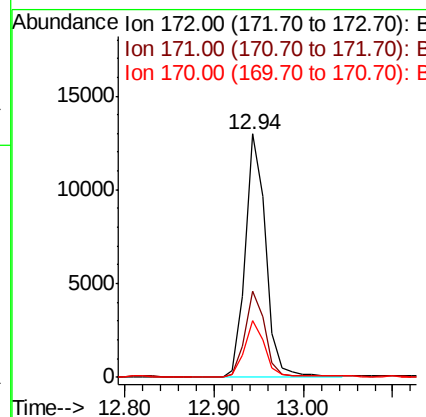
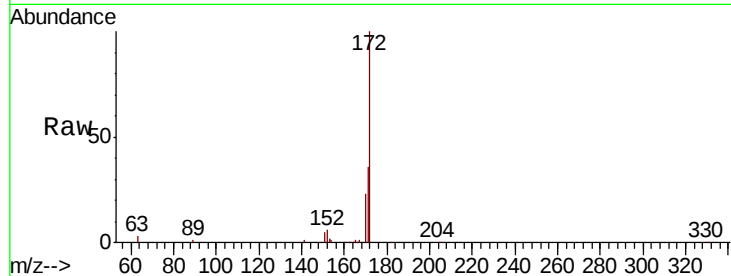




#15  
2-Fluorobiphenyl  
Concen: 0.387 ng  
RT: 12.94 min Scan# 1197  
Delta R.T. -0.00 min  
Lab File: BN007741.D  
Acq: 19 Sep 2019 15:12

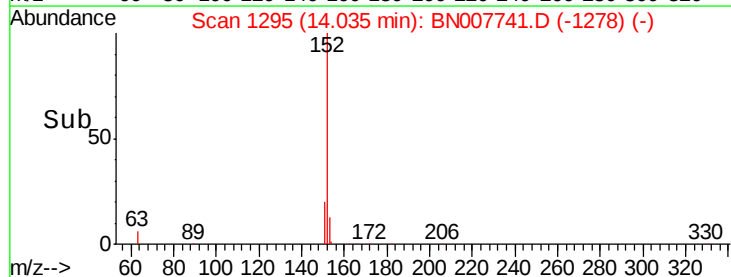
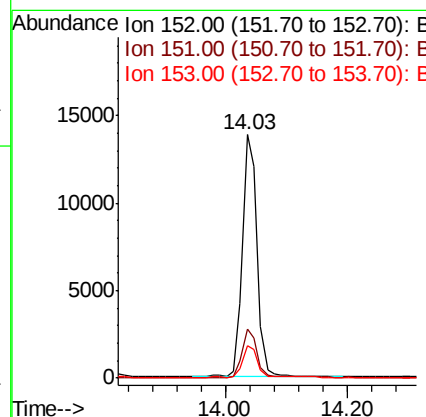
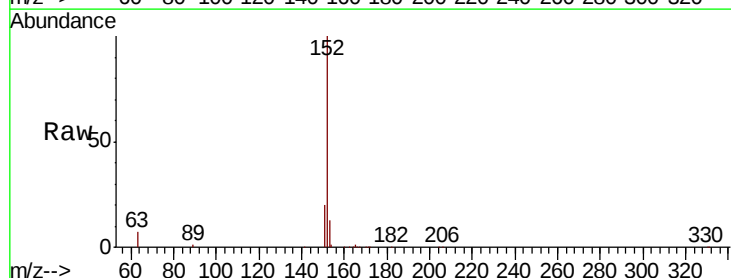
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:172 Resp: 20371  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.8 43.2  
170 23.4 19.5 29.3



#16  
Acenaphthylene  
Concen: 0.343 ng  
RT: 14.03 min Scan# 1295  
Delta R.T. -0.01 min  
Lab File: BN007741.D  
Acq: 19 Sep 2019 15:12

Tgt Ion:152 Resp: 23214  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.5 23.3  
153 13.1 10.4 15.6

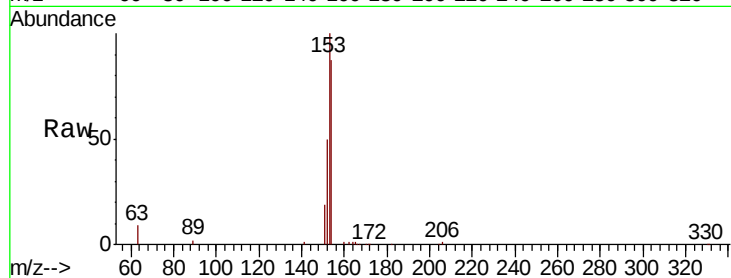




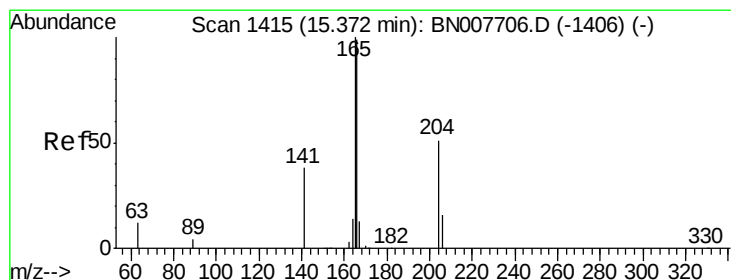
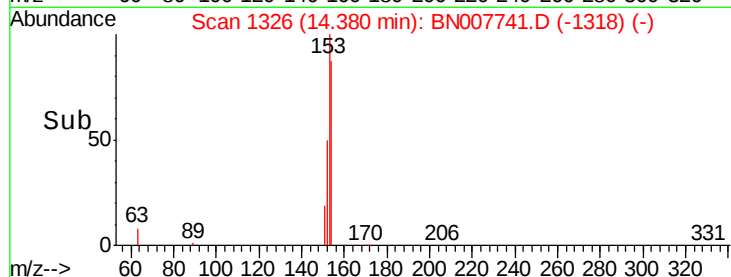
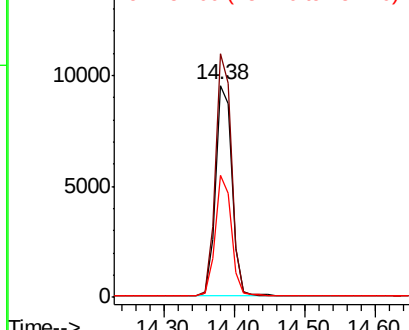
#17  
Acenaphthene  
Concen: 0.361 ng  
RT: 14.38 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BN007741.D  
Acq: 19 Sep 2019 15:12

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:154 Resp: 15760  
Ion Ratio Lower Upper  
154 100  
153 112.3 87.0 130.4  
152 56.4 42.7 64.1

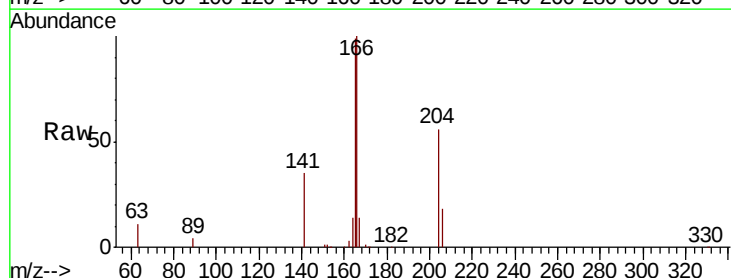


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

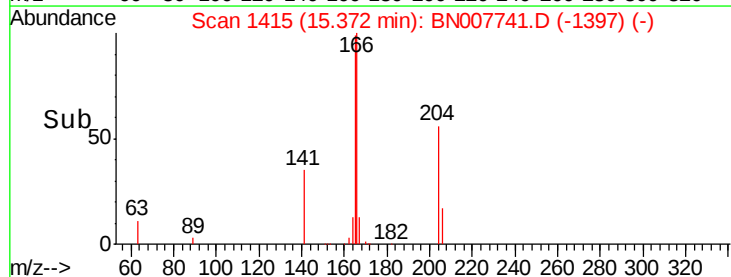
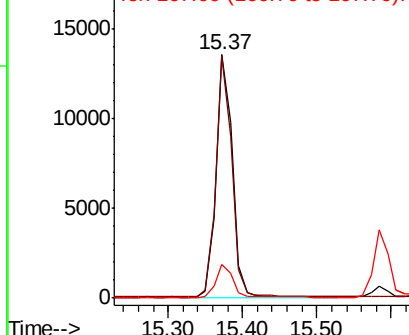


#18  
Fluorene  
Concen: 0.362 ng  
RT: 15.37 min Scan# 1415  
Delta R.T. -0.00 min  
Lab File: BN007741.D  
Acq: 19 Sep 2019 15:12

Tgt Ion:166 Resp: 20268  
Ion Ratio Lower Upper  
166 100  
165 97.3 78.0 117.0  
167 13.7 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: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

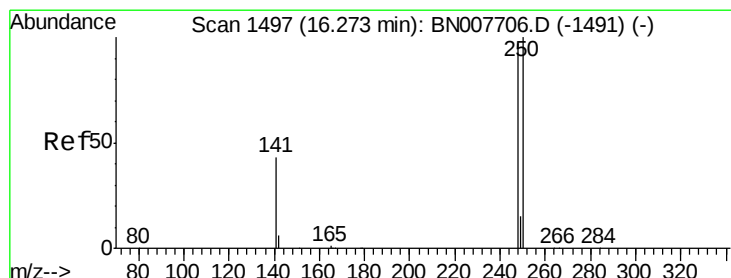
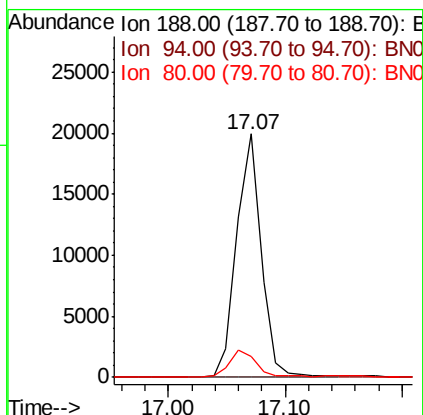
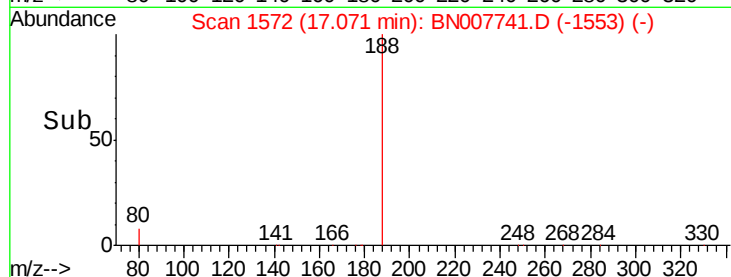
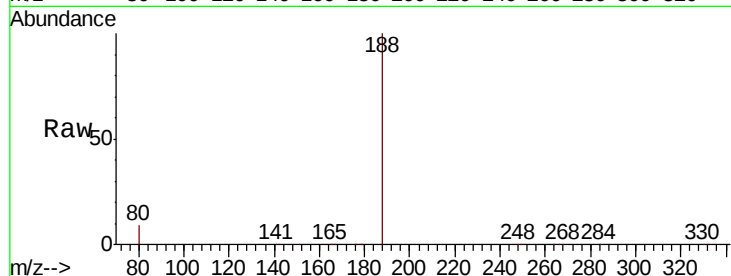
Tot Ion:188 Resp: 28592

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 0.397 ng

RT: 16.27 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

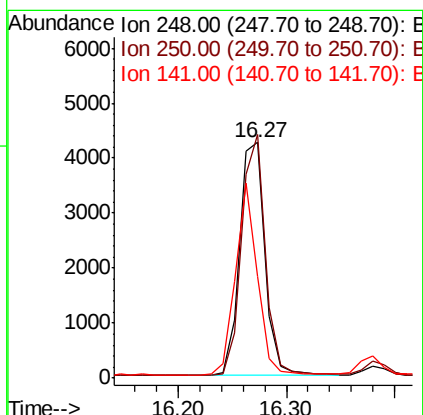
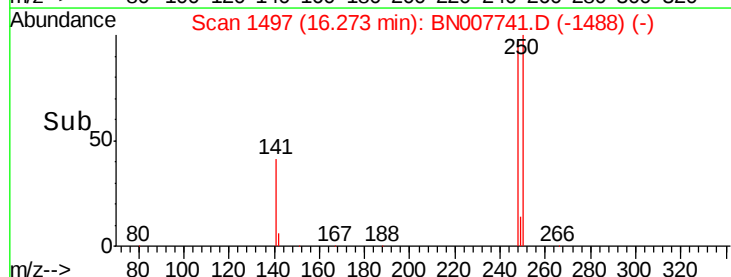
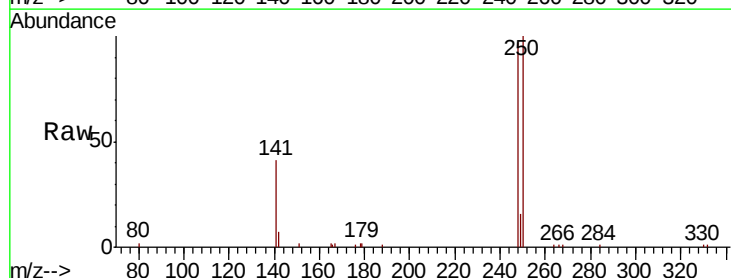
Tgt Ion:248 Resp: 6895

Ion Ratio Lower Upper

248 100

250 103.4 82.2 123.4

141 42.8 36.3 54.5

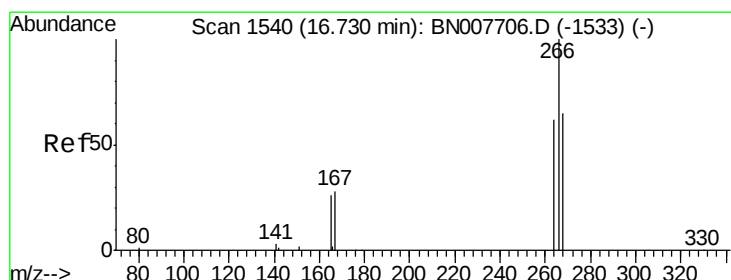
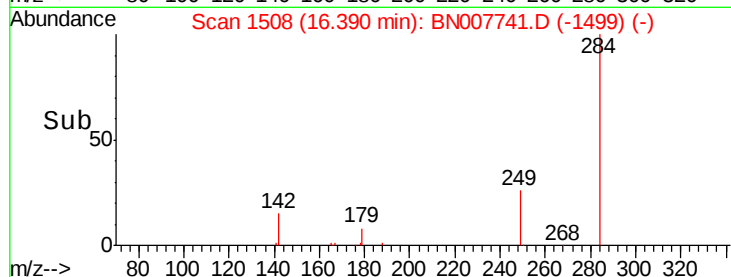
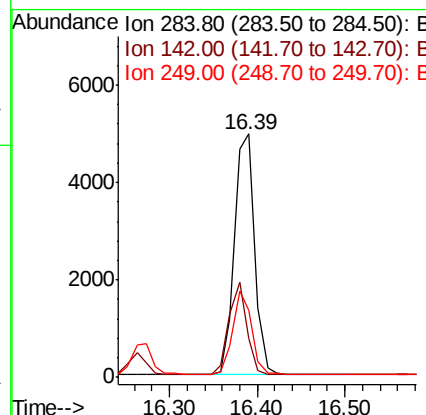
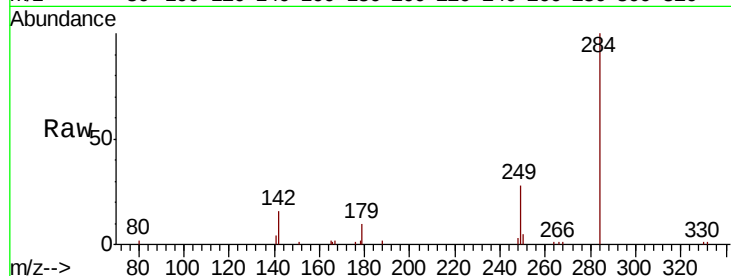




#21  
Hexachlorobenzene  
Concen: 0.417 ng  
RT: 16.39 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: BN007741.D  
Acq: 19 Sep 2019 15:12

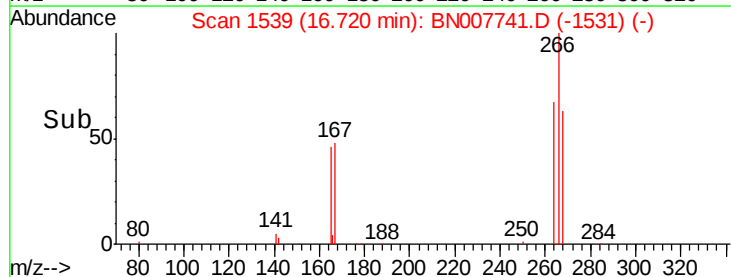
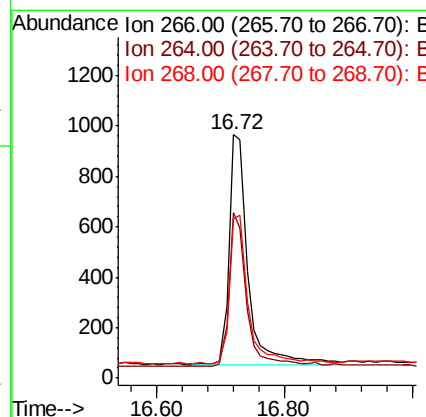
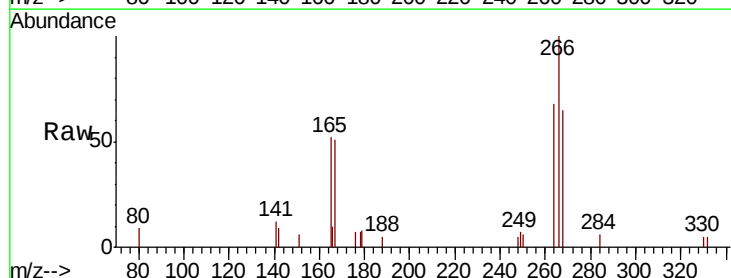
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

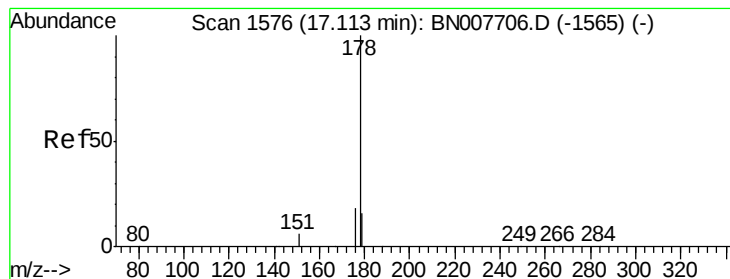
Tot Ion:284 Resp: 7908  
Ion Ratio Lower Upper  
284 100  
142 34.1 25.8 38.6  
249 31.9 25.9 38.9



#22  
Pentachlorophenol  
Concen: 0.269 ng  
RT: 16.72 min Scan# 1539  
Delta R.T. -0.01 min  
Lab File: BN007741.D  
Acq: 19 Sep 2019 15:12

Tgt Ion:266 Resp: 1883  
Ion Ratio Lower Upper  
266 100  
264 68.0 50.0 75.0  
268 65.4 54.2 81.4





#23

Phenanthrene

Concen: 0.402 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

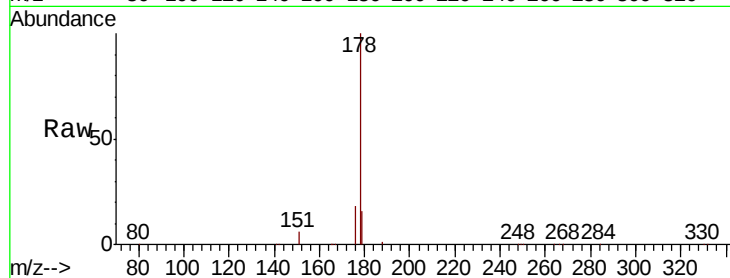
Tot Ion:178 Resp: 35801

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

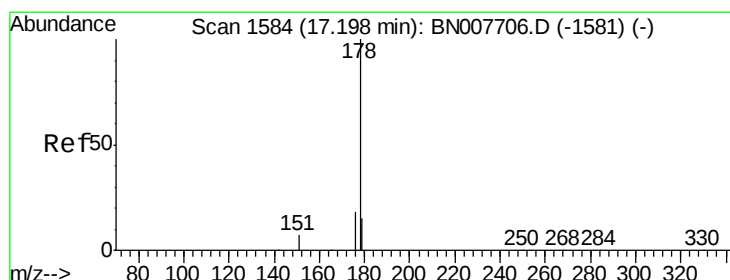
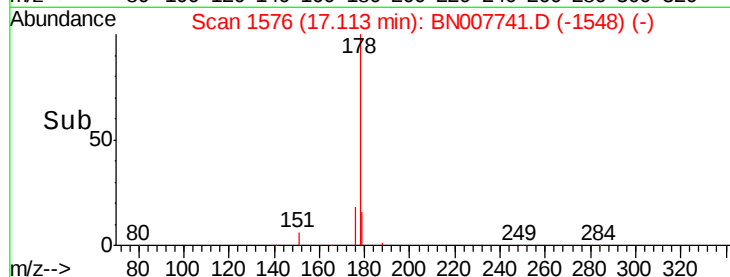
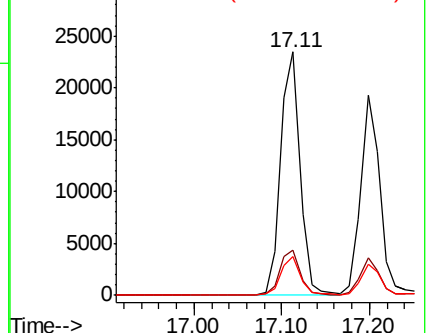
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.364 ng

RT: 17.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

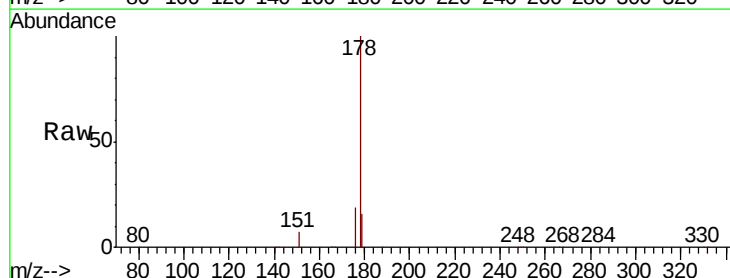
Tgt Ion:178 Resp: 29293

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

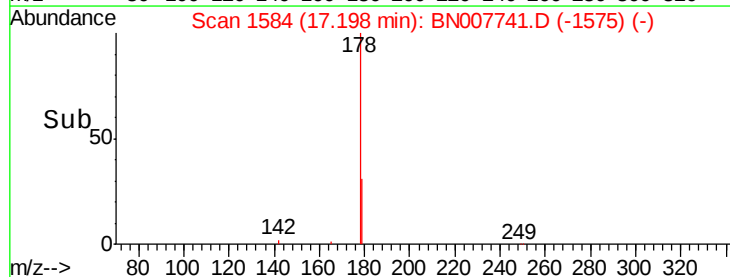
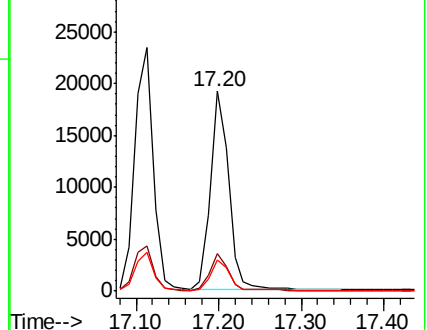
179 15.5 12.2 18.4

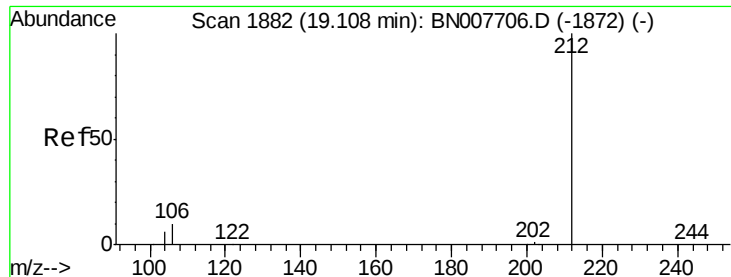


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

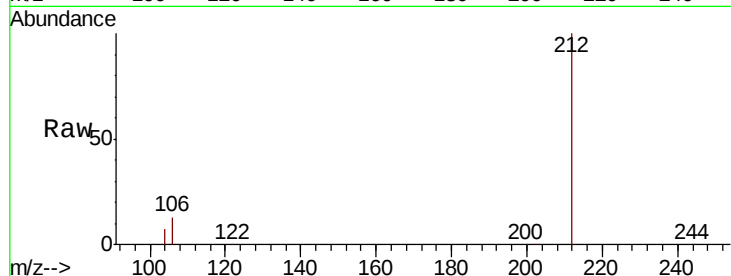
Tot Ion:212 Resp: 35652

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

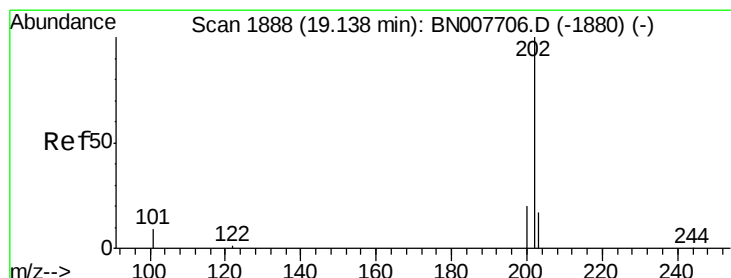
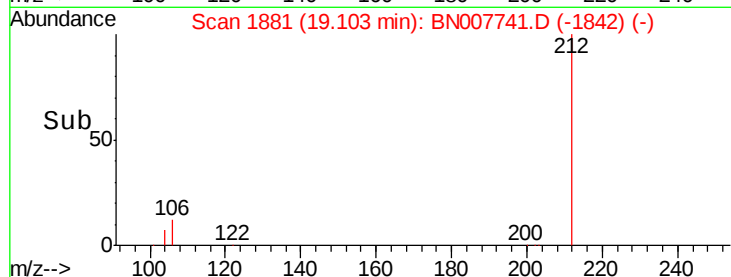
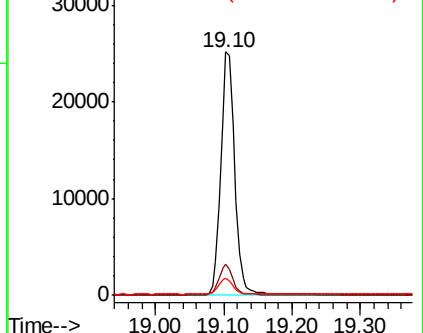
104 6.7 5.3 7.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.380 ng

RT: 19.14 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

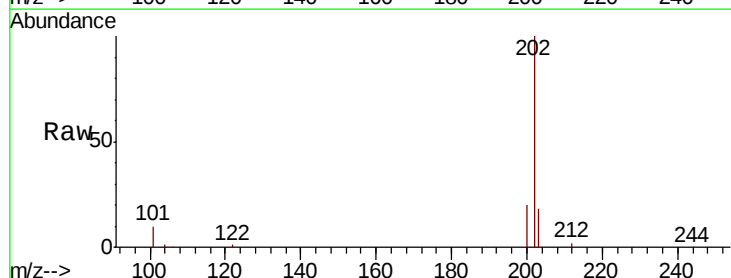
Tgt Ion:202 Resp: 42063

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

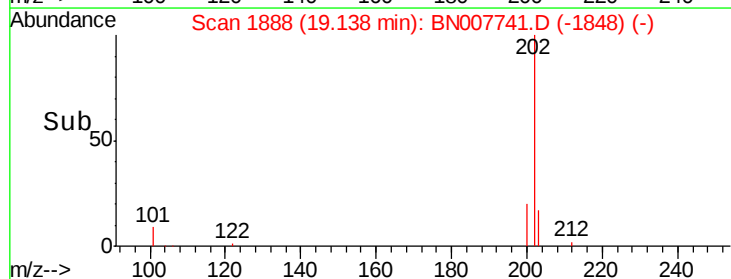
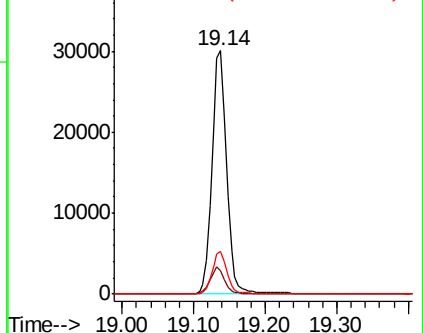
203 17.1 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

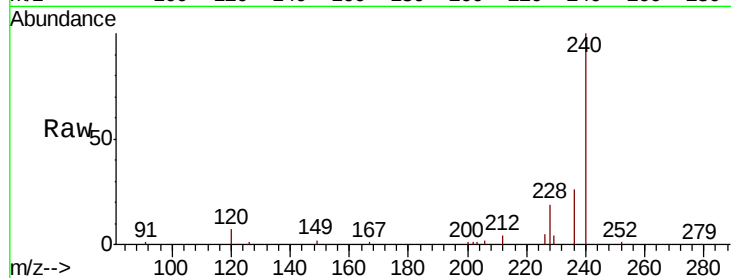
Tot Ion:240 Resp: 31410

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.2

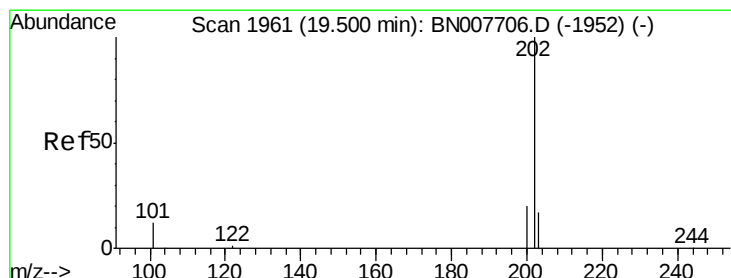
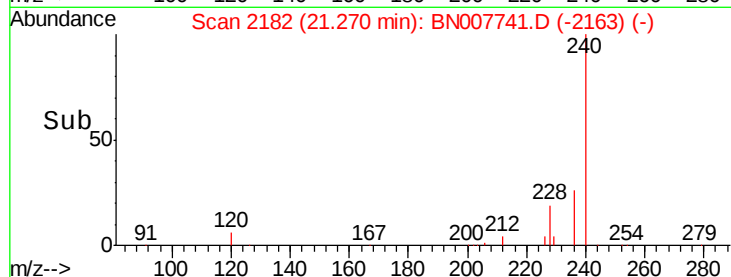
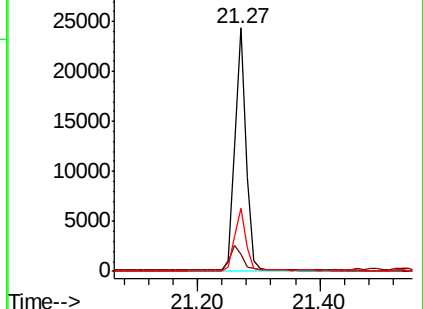
236 26.1 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.392 ng

RT: 19.50 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

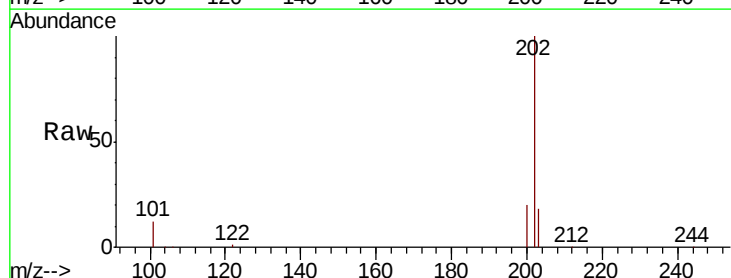
Tgt Ion:202 Resp: 42041

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

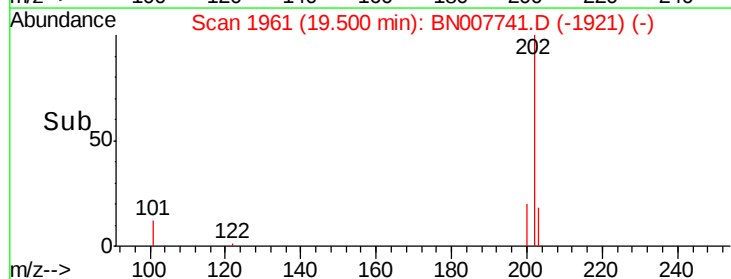
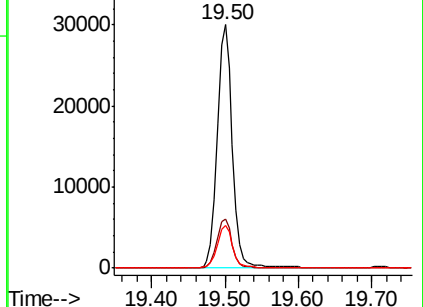
203 17.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

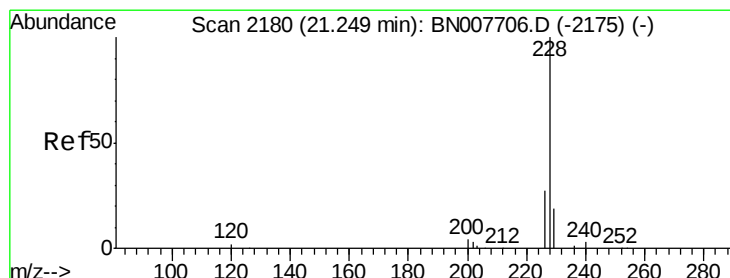
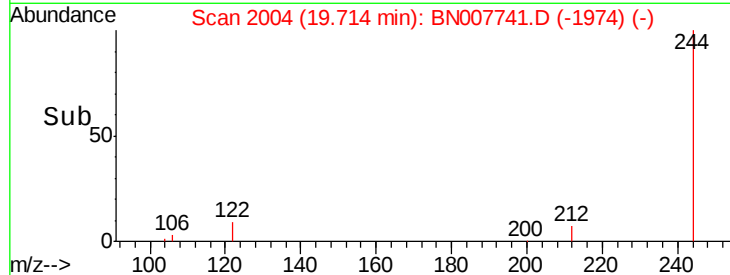
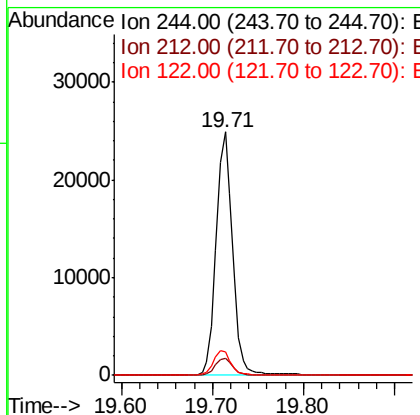
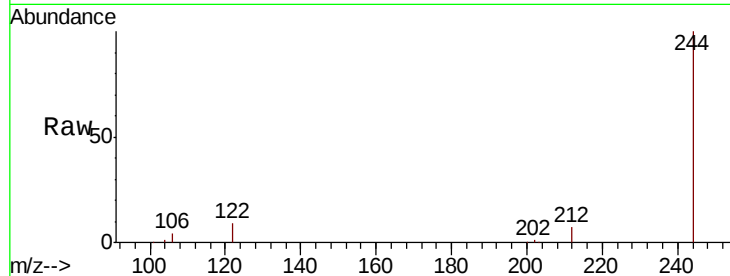




#29  
 Terphenyl-d14  
 Concen: 0.394 ng  
 RT: 19.71 min Scan# 2004  
 Delta R.T. -0.00 min  
 Lab File: BN007741.D  
 Acq: 19 Sep 2019 15:12

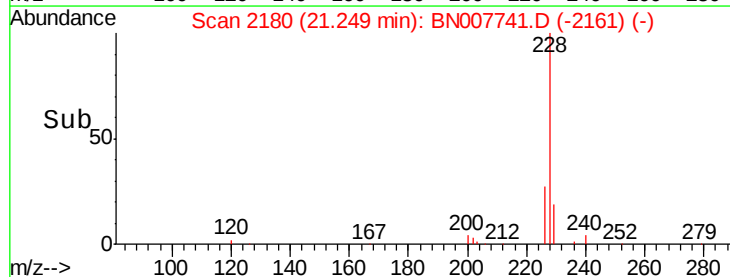
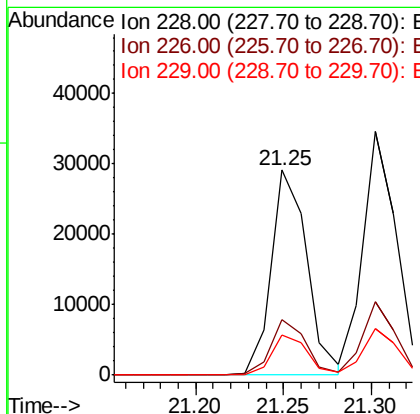
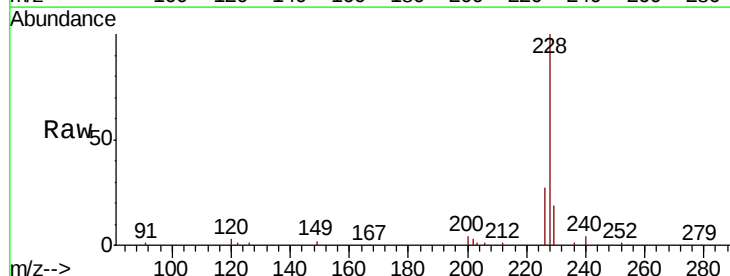
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tot Ion:244 Resp: 30417  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.9 8.9  
 122 9.4 7.4 11.2



#30  
 Benzo(a)anthracene  
 Concen: 0.355 ng  
 RT: 21.25 min Scan# 2180  
 Delta R.T. -0.00 min  
 Lab File: BN007741.D  
 Acq: 19 Sep 2019 15:12

Tgt Ion:228 Resp: 41098  
 Ion Ratio Lower Upper  
 228 100  
 226 27.3 22.1 33.1  
 229 19.2 15.8 23.6





#31

Chrysene

Concen: 0.408 ng

RT: 21.30 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

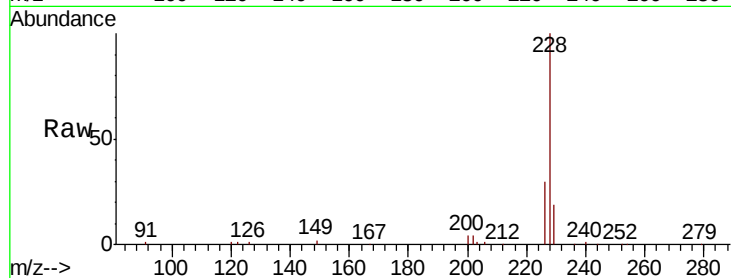
Tot Ion:228 Resp: 46004

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

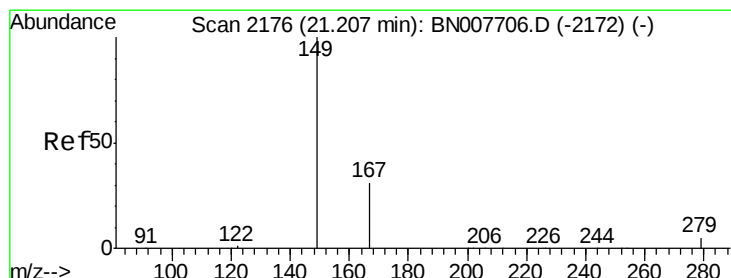
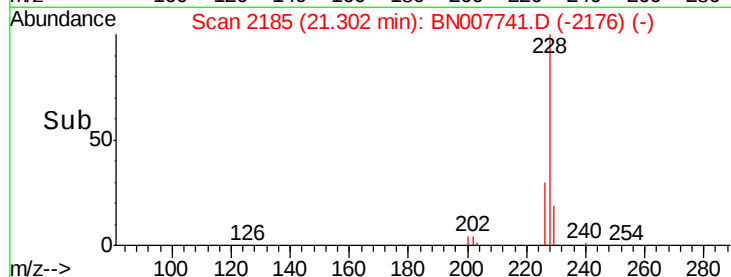
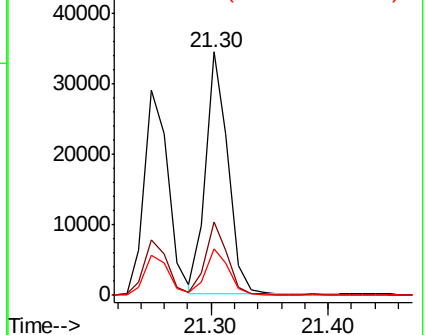
229 19.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.208 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

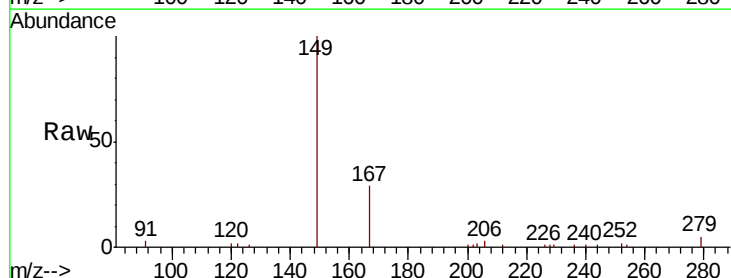
Tgt Ion:149 Resp: 12351

Ion Ratio Lower Upper

149 100

167 28.5 23.7 35.5

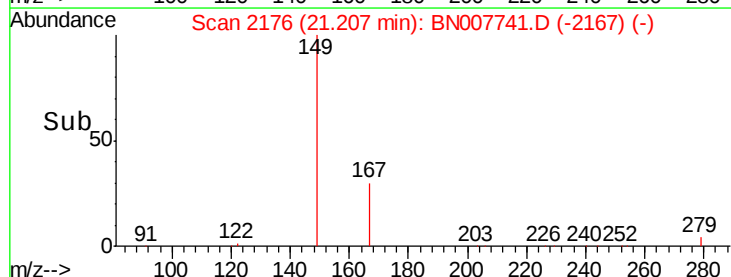
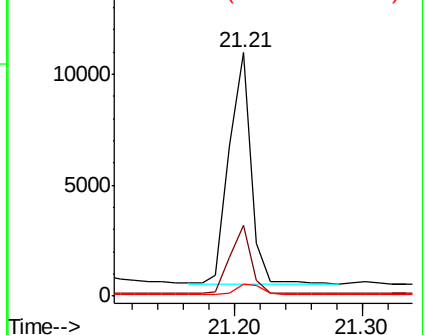
279 5.0 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.366 ng

RT: 25.71 min Scan# 3253

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

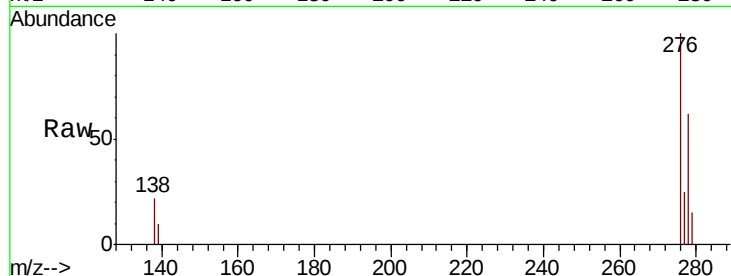
Tot Ion:276 Resp: 51605

Ion Ratio Lower Upper

276 100

138 22.4 17.1 25.7

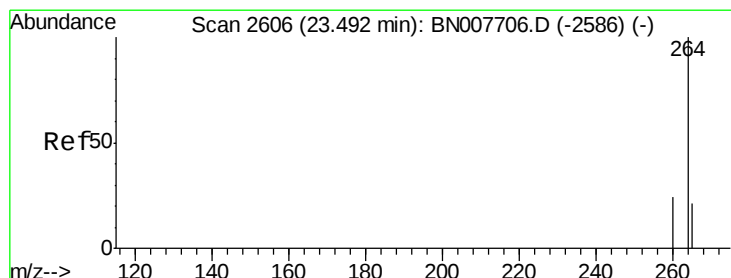
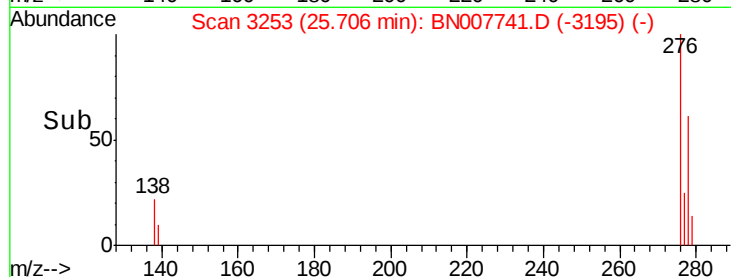
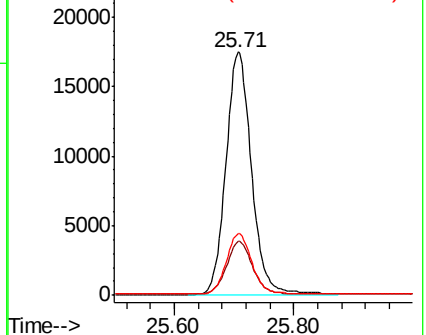
277 25.0 20.0 30.0



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: 23.49 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

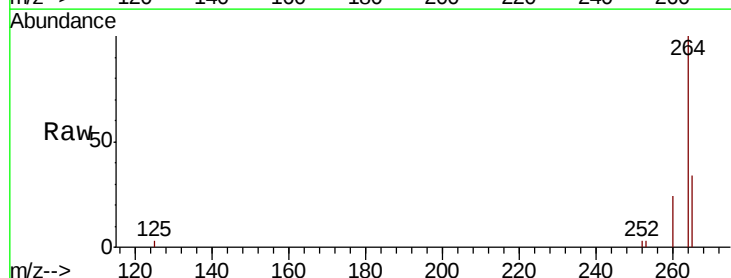
Tgt Ion:264 Resp: 32938

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

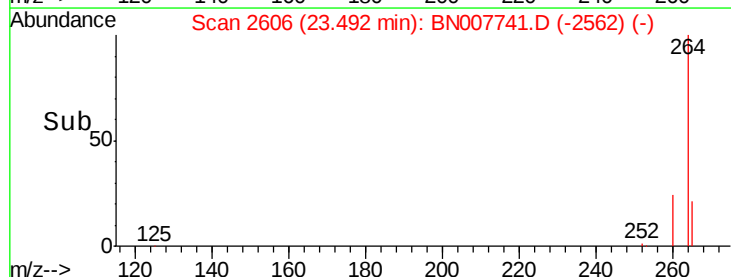
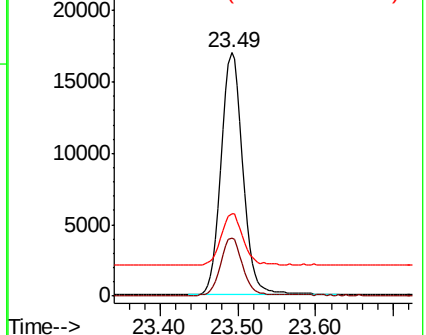
265 33.9 26.9 40.3



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

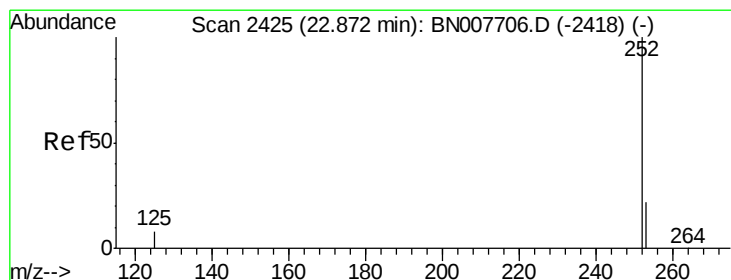
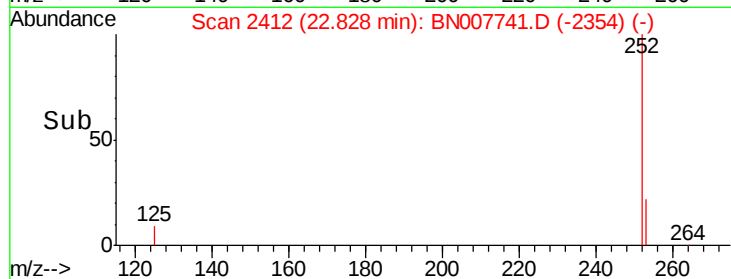
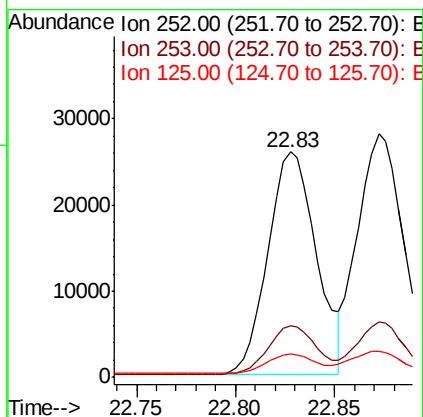
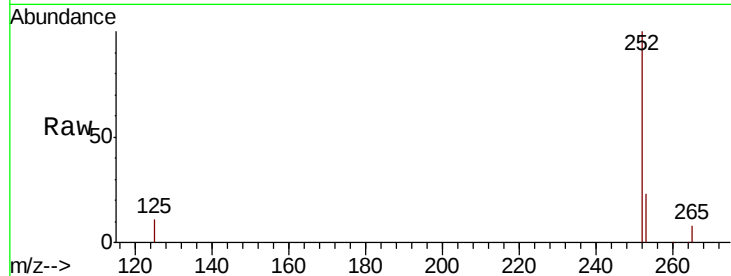




#35  
Benzo(b)fluoranthene  
Concen: 0.386 ng  
RT: 22.83 min Scan# 2412  
Delta R.T. -0.00 min  
Lab File: BN007741.D  
Acq: 19 Sep 2019 15:12

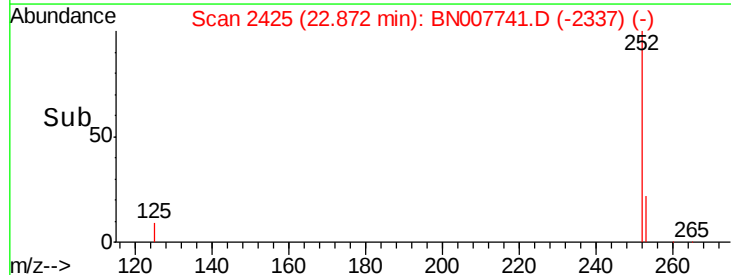
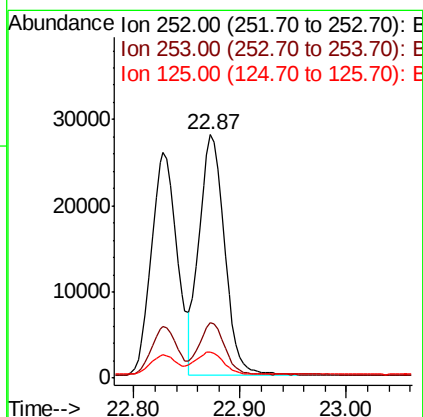
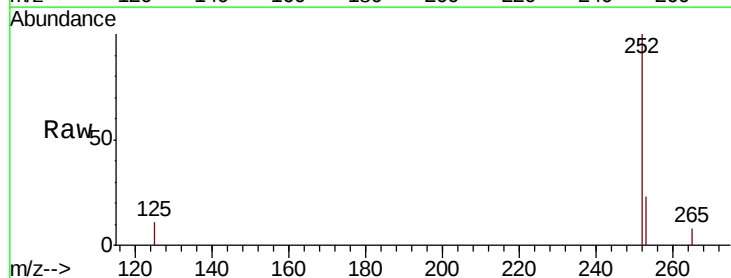
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

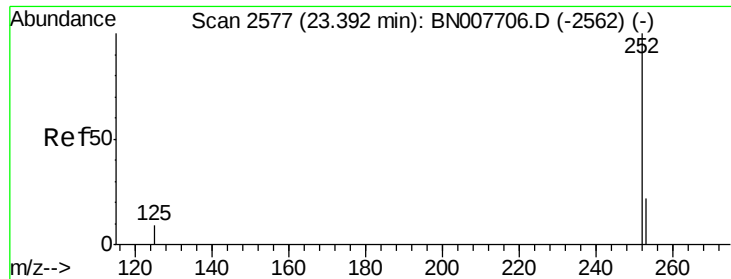
Tot Ion:252 Resp: 44095  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.3 27.5  
125 10.6 8.2 12.4



#36  
Benzo(k)fluoranthene  
Concen: 0.409 ng  
RT: 22.87 min Scan# 2425  
Delta R.T. -0.00 min  
Lab File: BN007741.D  
Acq: 19 Sep 2019 15:12

Tgt Ion:252 Resp: 46296  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.5 27.7  
125 10.7 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.40 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

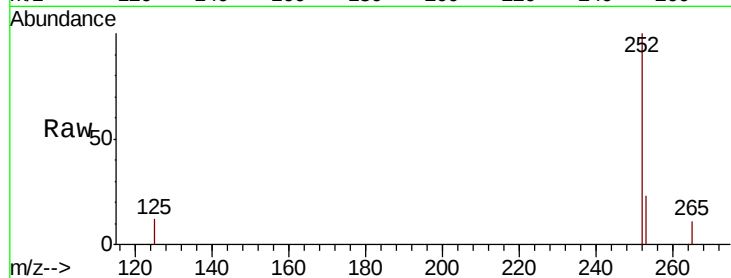
Tot Ion:252 Resp: 38922

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

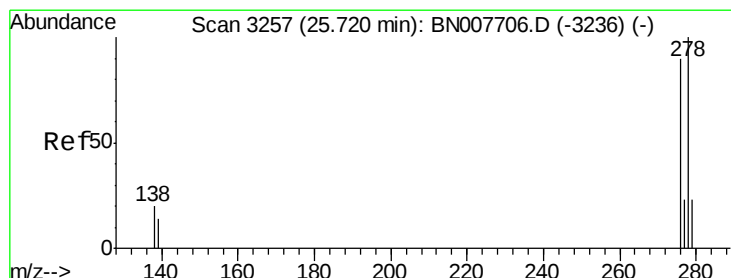
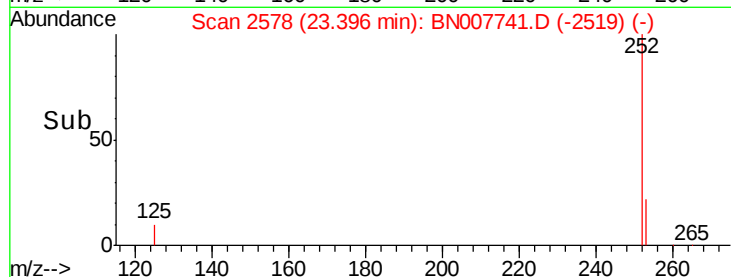
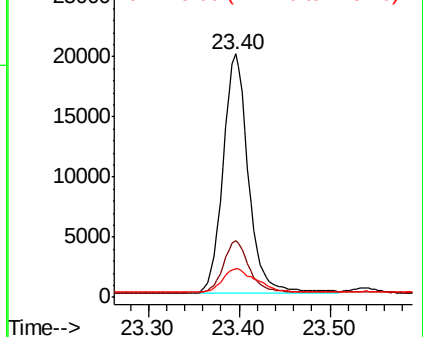
125 11.8 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.382 ng

RT: 25.72 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

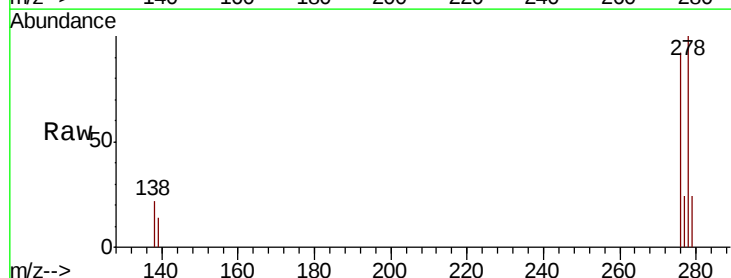
Tgt Ion:278 Resp: 41955

Ion Ratio Lower Upper

278 100

139 14.5 11.8 17.6

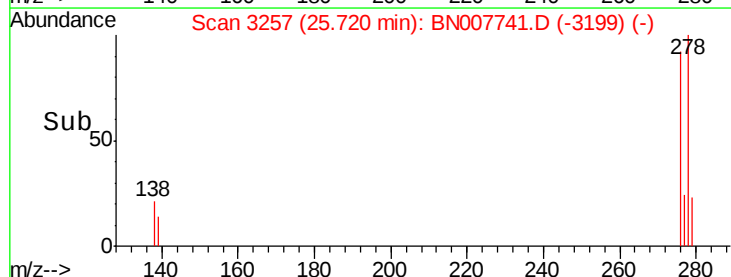
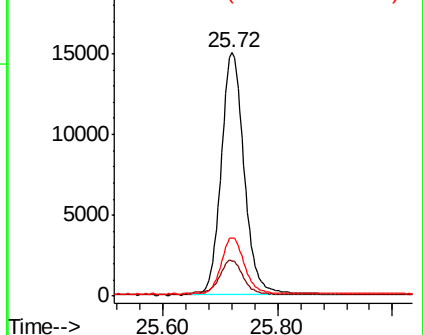
279 24.1 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.376 ng

RT: 26.38 min Scan# 3450

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

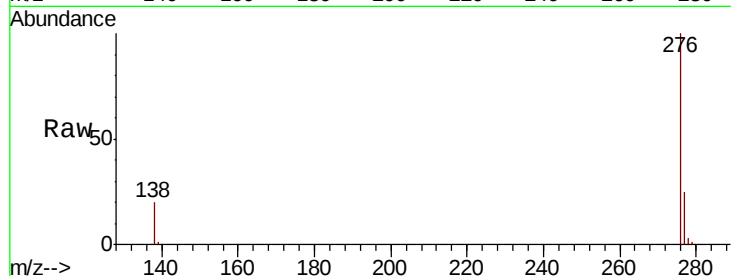
Tot Ion: 276 Resp: 40912

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 19.6 15.1 22.7



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

