

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
 Data File : BP002868.D  
 Acq On : 24 Jul 2020 23:22  
 Operator : CG/JU  
 Sample : L3382-21  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CTR-024

Quant Time: Jul 25 00:00:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 24 15:50:46 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.53  | 152  | 65000    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.30 | 136  | 278003   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.19 | 164  | 187810   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.95 | 188  | 438402   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.05 | 240  | 567523   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.23 | 264  | 690144   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.16  | 112  | 365693   | 94.92 | ng    | 0.00     |
| 7) Phenol-d6                | 6.74  | 99   | 512835   | 93.27 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.68  | 82   | 304003   | 58.49 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.69 | 330  | 183355   | 93.53 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.80 | 172  | 688309   | 56.70 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.53 | 244  | 1226990  | 49.57 | ng    | 0.00     |

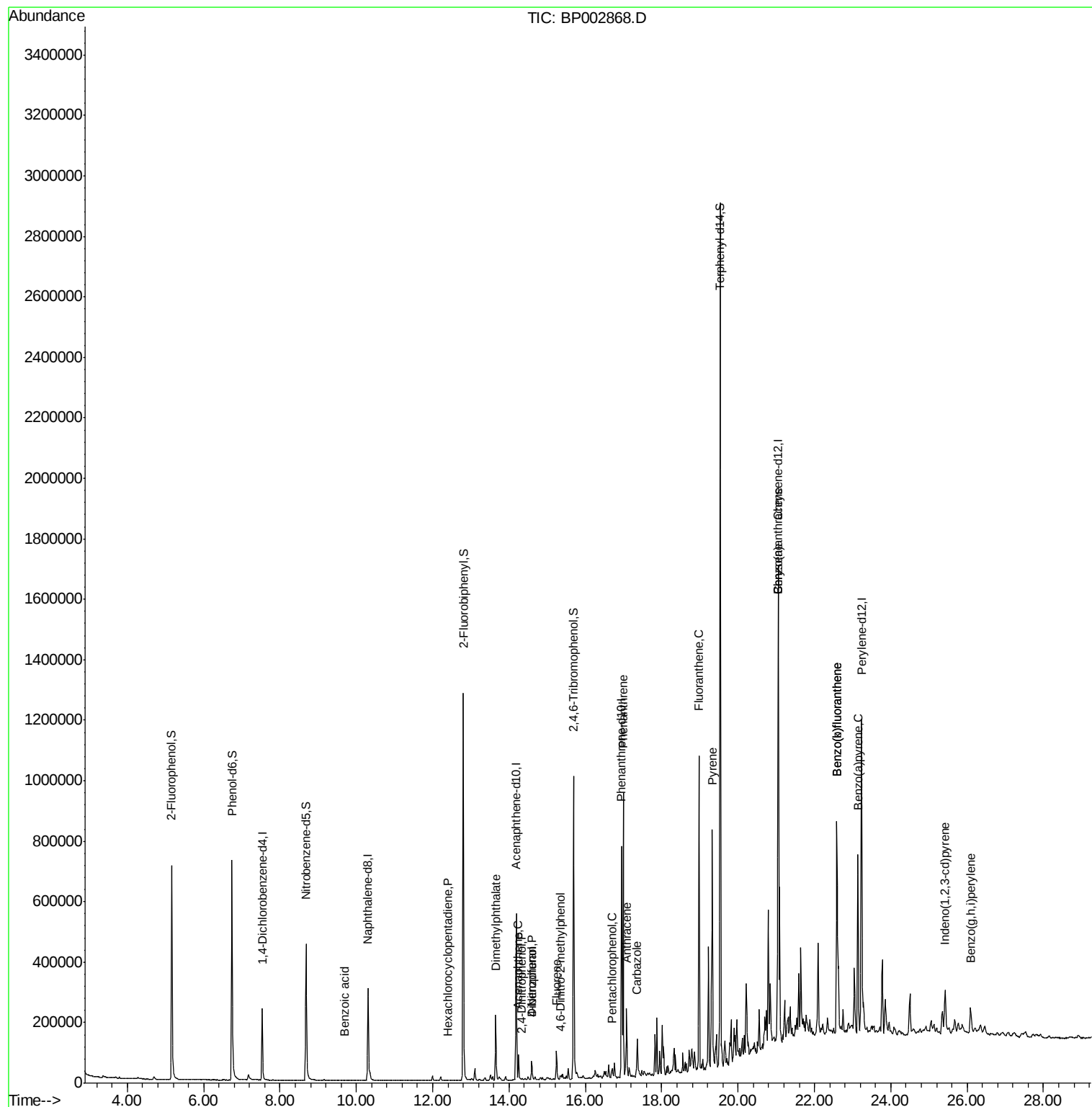
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 32) Benzoic acid               | 9.70  | 122  | 22       | 7.068  | ng    | # 1    |
| 41) Hexachlorocyclopentadiene  | 12.41 | 237  | 13       | 7.439  | ng    | 88     |
| 50) Dimethylphthalate          | 13.65 | 163  | 147904   | 10.326 | ng    | 99     |
| 52) Acenaphthene               | 14.25 | 154  | 30475    | 2.844  | ng    | 96     |
| 54) 2,4-Dinitrophenol          | 14.34 | 184  | 8        | 11.378 | ng    | # 1    |
| 55) Dibenzofuran               | 14.59 | 168  | 42713    | 2.486  | ng    | 99     |
| 56) 4-Nitrophenol              | 14.59 | 139  | 15317    | 10.197 | ng    | # 6    |
| 58) Fluorene                   | 15.25 | 166  | 40749    | 3.205  | ng    | 97     |
| 65) 4,6-Dinitro-2-methylphenol | 15.34 | 198  | 18       | 5.273  | ng    | # 1    |
| 70) Pentachlorophenol          | 16.70 | 266  | 8        | 7.444  | ng    | 95     |
| 71) Phenanthrene               | 16.99 | 178  | 550217   | 23.180 | ng    | 99     |
| 72) Anthracene                 | 17.08 | 178  | 139528   | 5.990  | ng    | 99     |
| 73) Carbazole                  | 17.36 | 167  | 77871    | 3.407  | ng    | 99     |
| 75) Fluoranthene               | 18.97 | 202  | 570620   | 20.747 | ng    | 99     |
| 78) Pyrene                     | 19.33 | 202  | 471557   | 12.035 | ng    | 99     |
| 81) Benzo(a)anthracene         | 21.04 | 228  | 330736   | 9.003  | ng    | 99     |
| 83) Chrysene                   | 21.04 | 228  | 330736   | 9.458  | ng    | 97     |
| 87) Indeno(1,2,3-cd)pyrene     | 25.43 | 276  | 123432   | 2.475  | ng    | 97     |
| 88) Benzo(b)fluoranthene       | 22.59 | 252  | 429689   | 10.027 | ng    | 97     |
| 89) Benzo(k)fluoranthene       | 22.59 | 252  | 429689   | 10.180 | ng    | # 98   |
| 90) Benzo(a)pyrene             | 23.13 | 252  | 237583   | 5.850  | ng    | 99     |
| 92) Benzo(g,h,i)perylene       | 26.10 | 276  | 101527   | 2.489  | ng    | 96     |

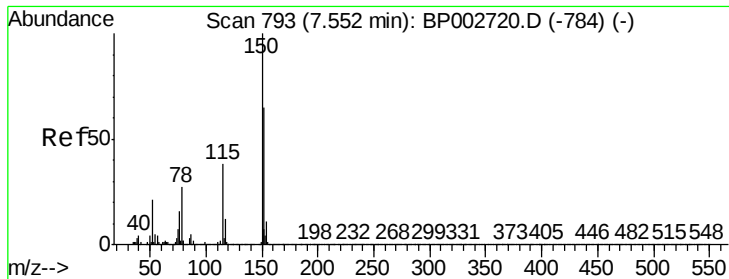
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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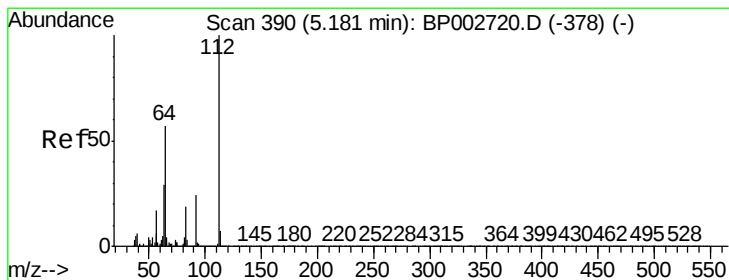
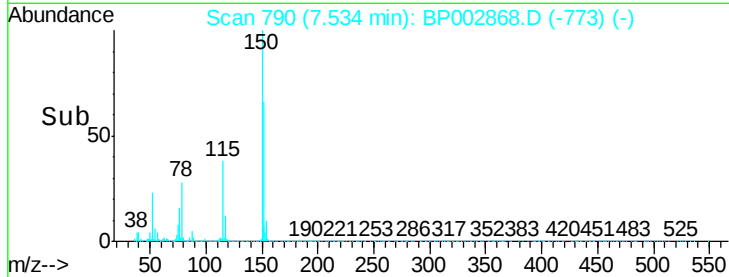
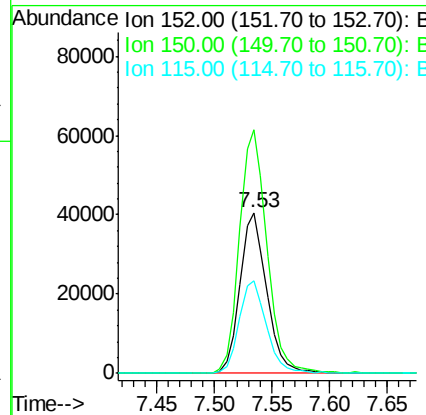
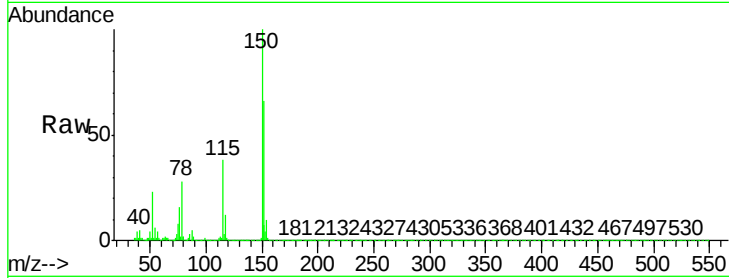


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.53 min Scan# 790  
Delta R.T. 0.00 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

Instrument :  
BNA\_P  
ClientSampleId :  
CTR-024

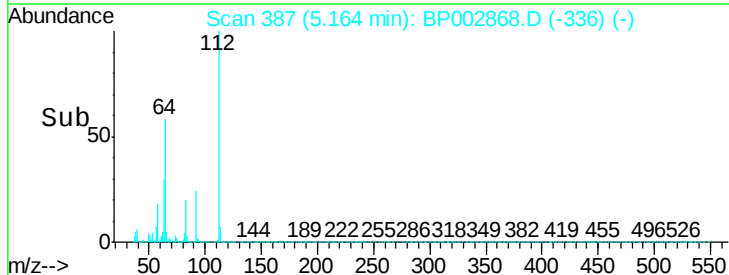
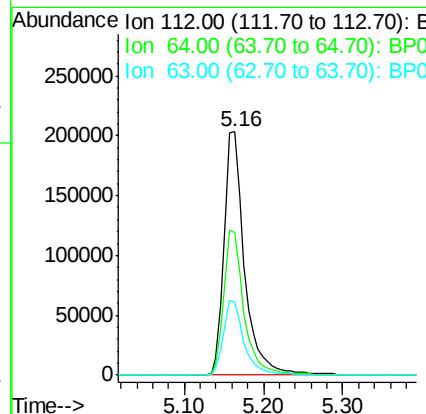
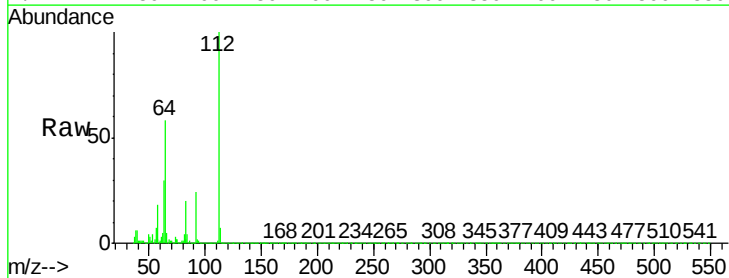
| Tot Ion   | 152   | Resp  | 65000 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 151.6 | 122.5 | 183.7 |
| 115       | 57.4  | 48.5  | 72.7  |

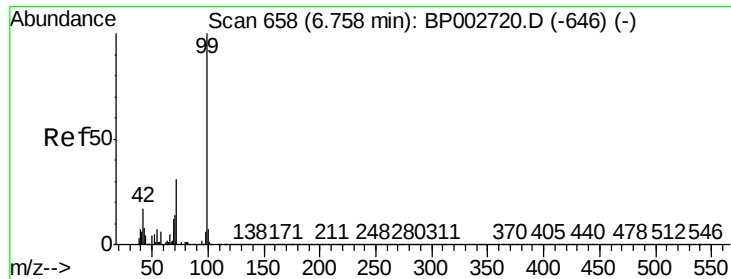


#5

2-Fluorophenol  
Concen: 94.922 ng  
RT: 5.16 min Scan# 387  
Delta R.T. 0.00 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

| Tgt Ion   | 112   | Resp  | 365693 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.4  | 48.1  | 72.1   |
| 63        | 30.0  | 24.9  | 37.3   |





#7

Phenol-d6

Concen: 93.272 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Instrument :

BNA\_P

ClientSampleId :

CTR-024

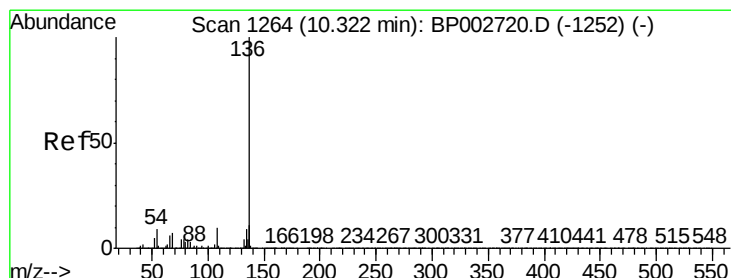
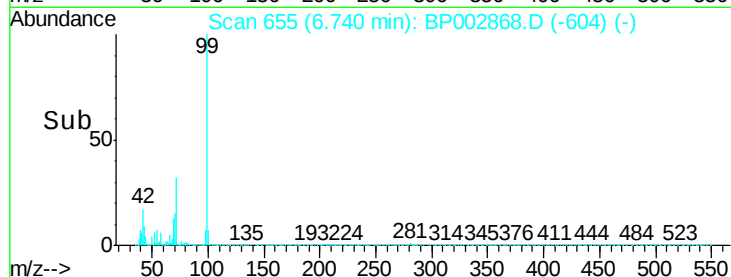
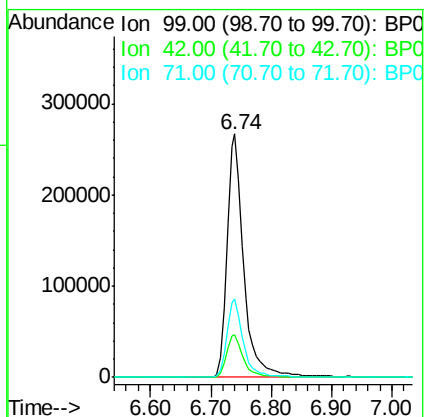
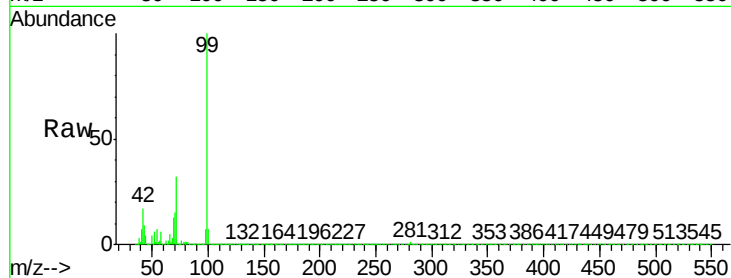
Tot Ion: 99 Resp: 512835

Ion Ratio Lower Upper

99 100

42 17.3 14.2 21.4

71 32.0 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Tgt Ion: 136 Resp: 278003

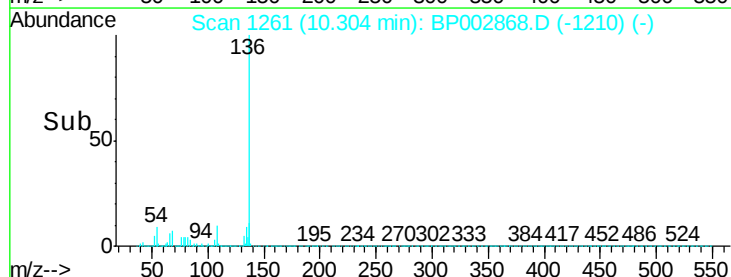
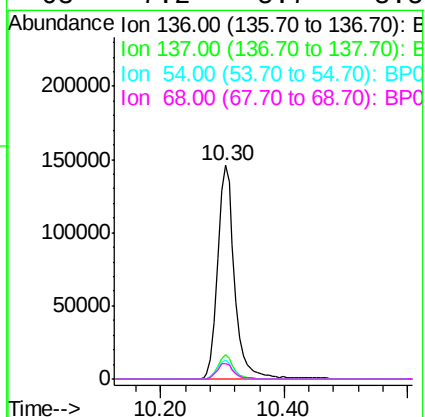
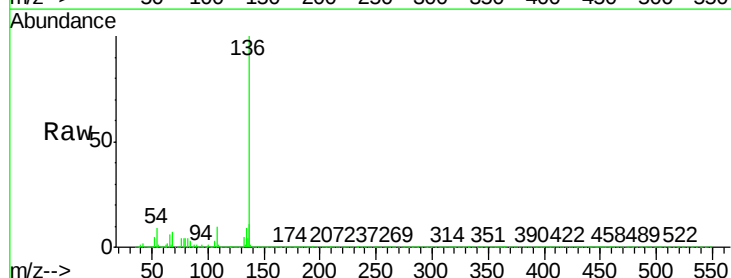
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.9 7.3 10.9

68 7.2 5.7 8.5

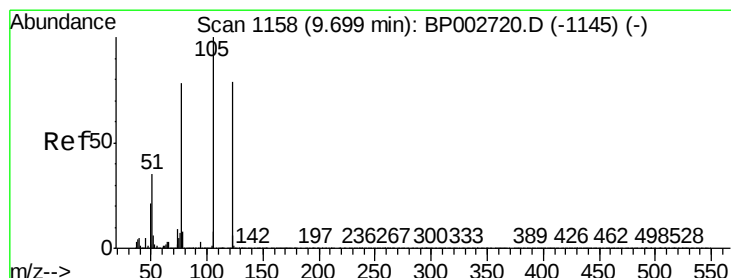
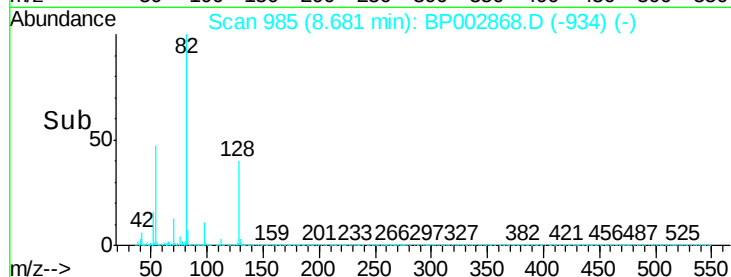
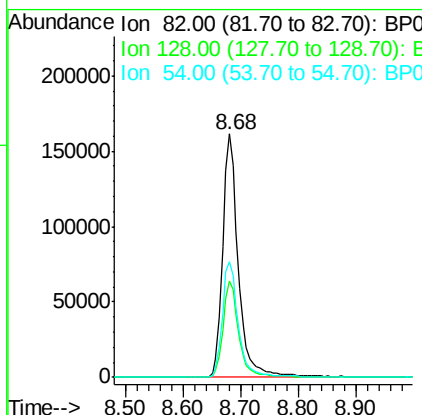
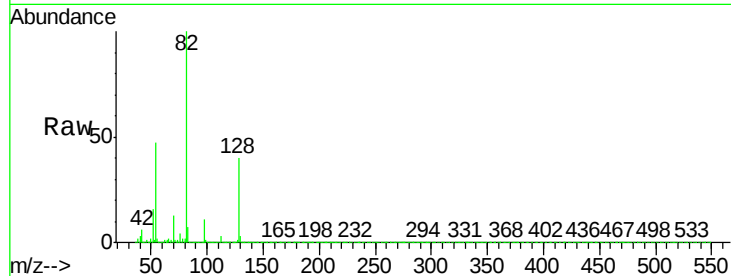




#23  
 Nitrobenzene-d5  
 Concen: 58.486 ng  
 RT: 8.68 min Scan# 985  
 Delta R.T. 0.00 min  
 Lab File: BP002868.D  
 Acq: 24 Jul 2020 23:22

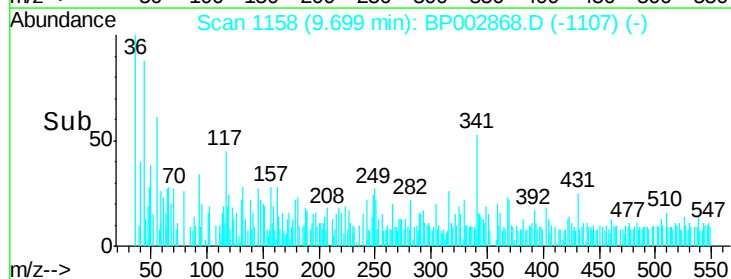
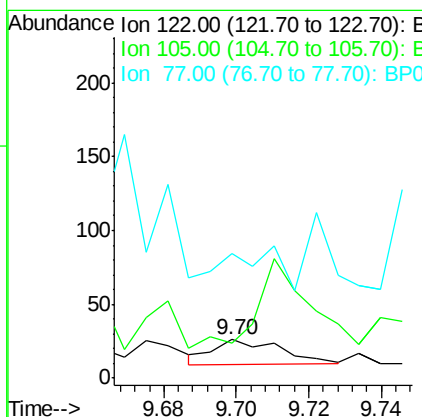
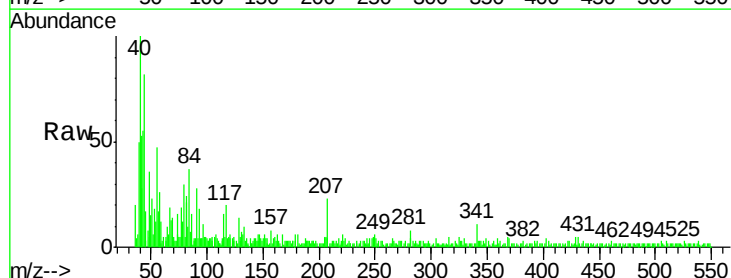
Instrument :  
 BNA\_P  
 ClientSampleId :  
 CTR-024

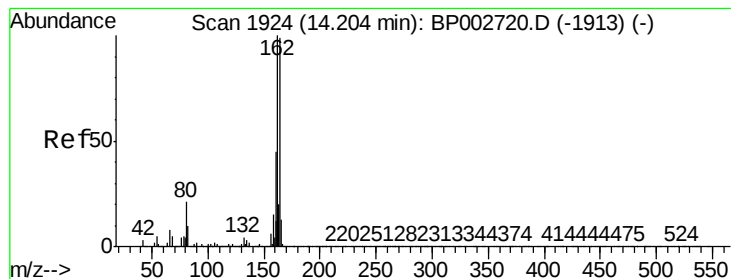
| Tot Ion   | 82    | Resp  | 304003 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.5  | 32.6  | 49.0   |
| 54        | 47.3  | 38.9  | 58.3   |



#32  
 Benzoic acid  
 Concen: 7.068 ng  
 RT: 9.70 min Scan# 1158  
 Delta R.T. -0.00 min  
 Lab File: BP002868.D  
 Acq: 24 Jul 2020 23:22

| Tgt Ion   | 122   | Resp  | 22     |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 92.3  | 101.9 | 141.9# |
| 77        | 323.1 | 78.0  | 118.0# |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Instrument :

BNA\_P

ClientSampleId :

CTR-024

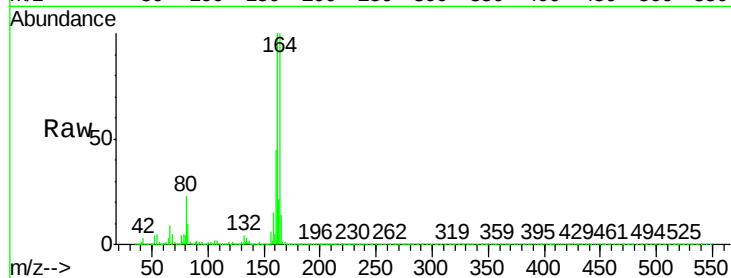
Tot Ion:164 Resp: 187810

Ion Ratio Lower Upper

164 100

162 99.9 78.4 117.6

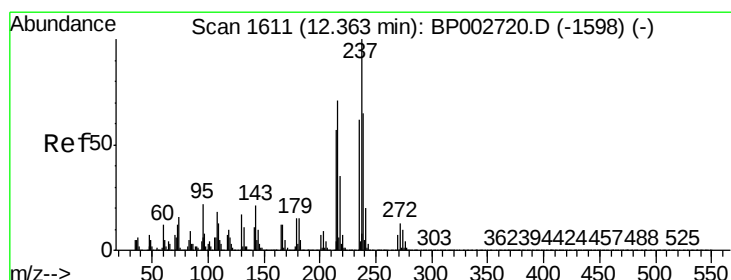
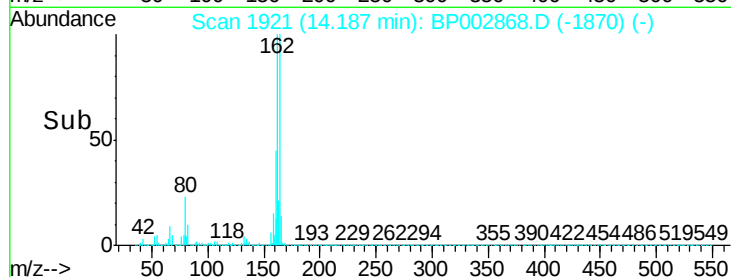
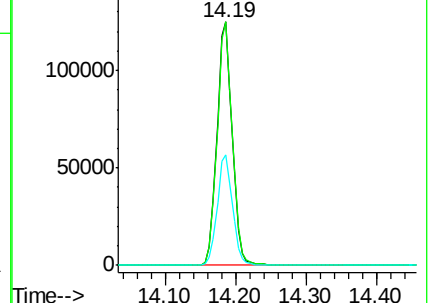
160 45.5 36.1 54.1



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



#41

Hexachlorocyclopentadiene

Concen: 7.439 ng

RT: 12.41 min Scan# 1619

Delta R.T. 0.07 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

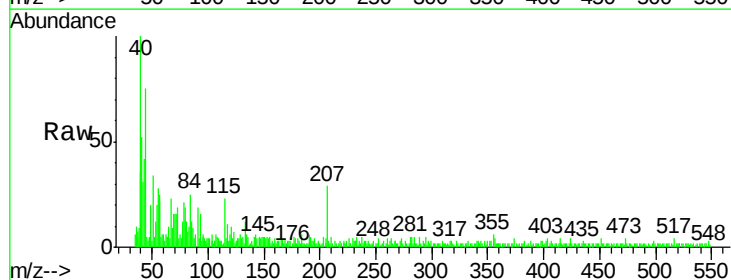
Tgt Ion:237 Resp: 13

Ion Ratio Lower Upper

237 100

235 55.0 40.9 80.9

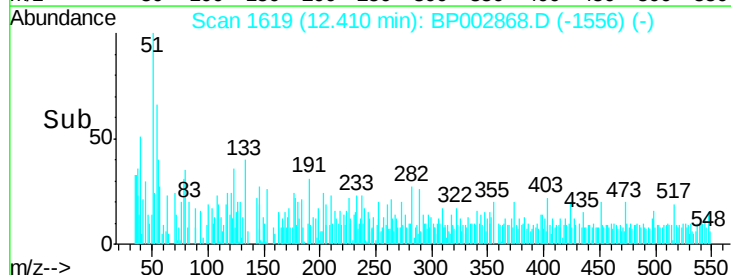
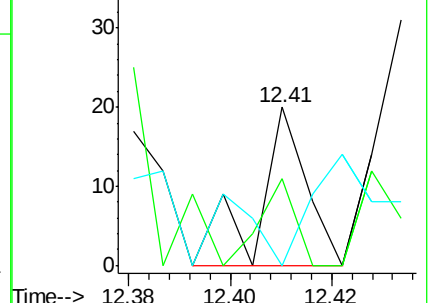
272 0.0 0.0 32.1

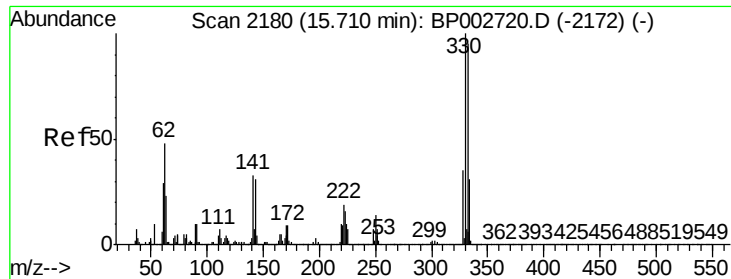


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

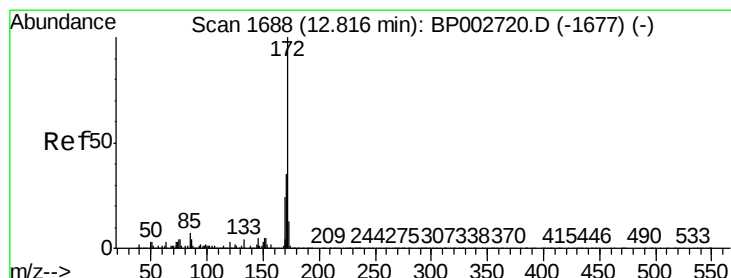
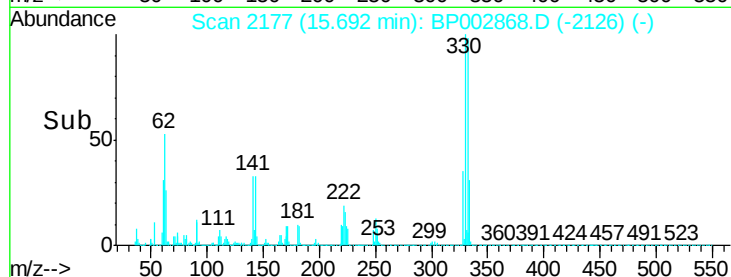
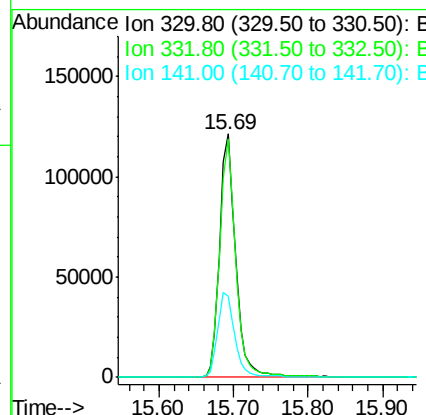
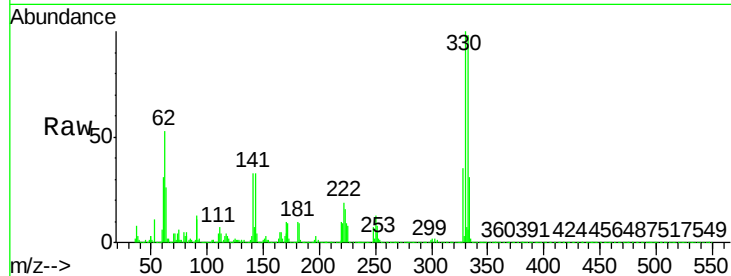




#42  
 2,4,6-Tribromophenol  
 Concen: 93.528 ng  
 RT: 15.69 min Scan# 2177  
 Delta R.T. -0.00 min  
 Lab File: BP002868.D  
 Acq: 24 Jul 2020 23:22

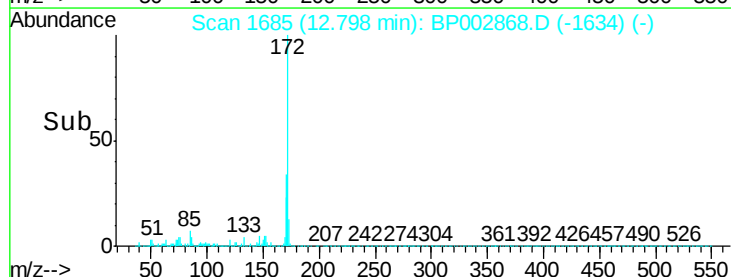
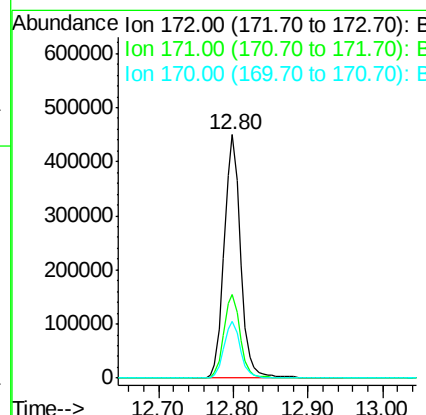
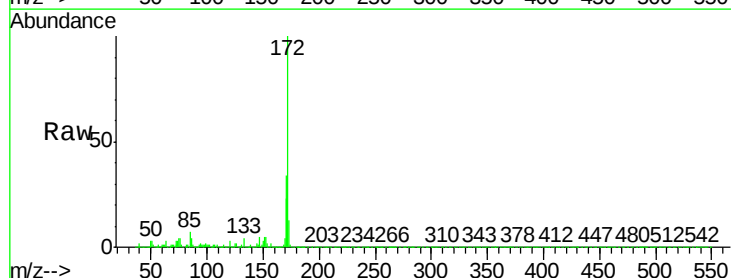
Instrument :  
 BNA\_P  
 ClientSampleId :  
 CTR-024

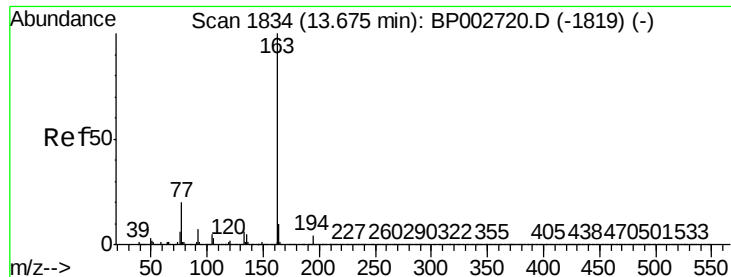
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.4  | 77.6  | 116.4 |
| 141     | 37.3  | 29.0  | 43.6  |



#45  
 2-Fluorobiphenyl  
 Concen: 56.696 ng  
 RT: 12.80 min Scan# 1685  
 Delta R.T. 0.00 min  
 Lab File: BP002868.D  
 Acq: 24 Jul 2020 23:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.1  | 27.0  | 40.4  |
| 170     | 23.2  | 19.4  | 29.2  |





#50

Dimethylphthalate

Concen: 10.326 ng

RT: 13.65 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Instrument :

BNA\_P

ClientSampleId :

CTR-024

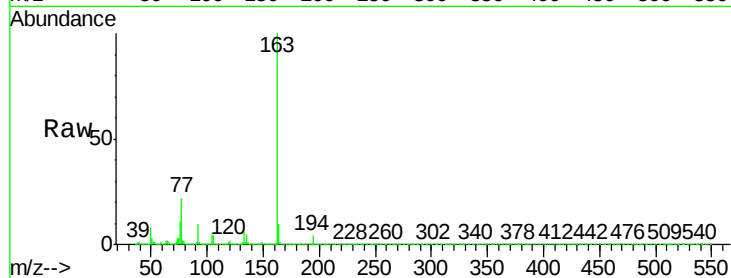
Tot Ion:163 Resp: 147904

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

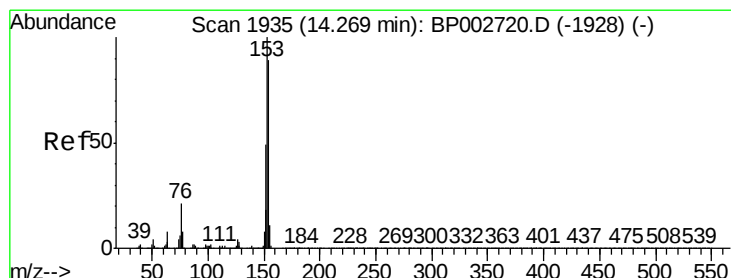
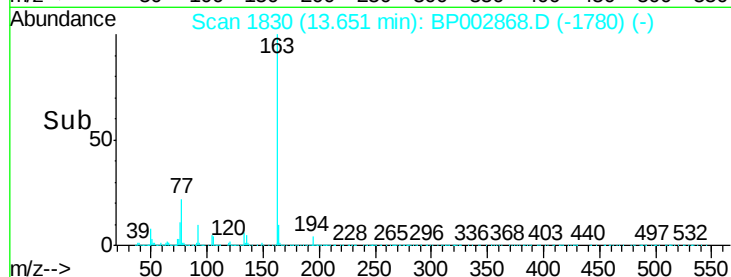
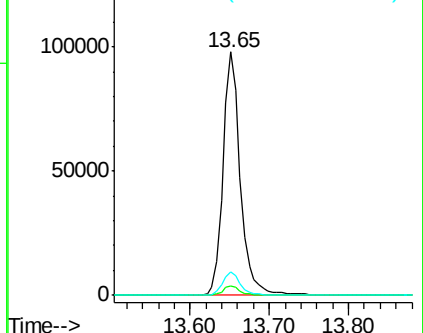
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 2.844 ng

RT: 14.25 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

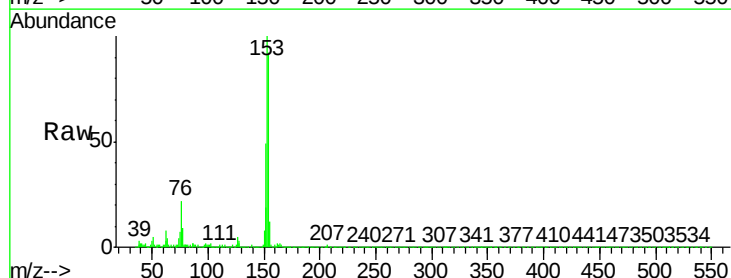
Tgt Ion:154 Resp: 30475

Ion Ratio Lower Upper

154 100

153 109.0 91.9 137.9

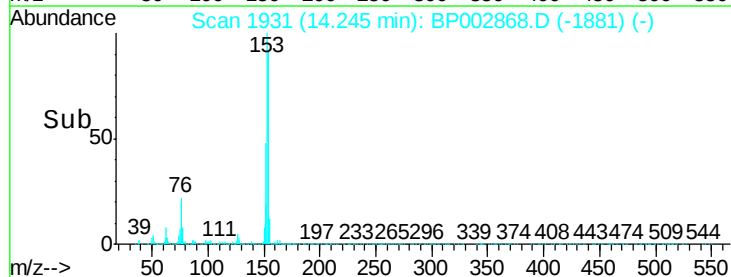
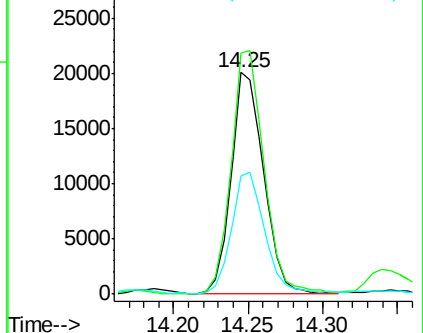
152 53.5 44.1 66.1

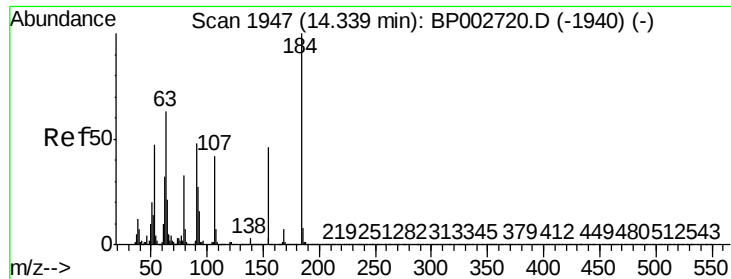


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

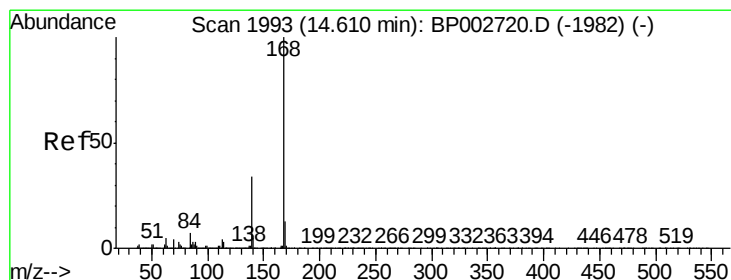
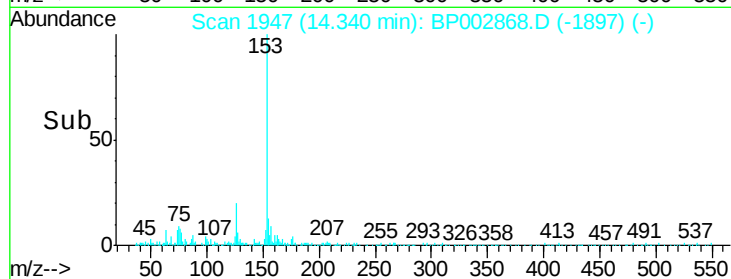
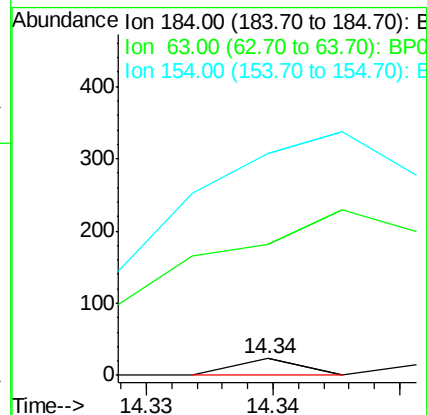
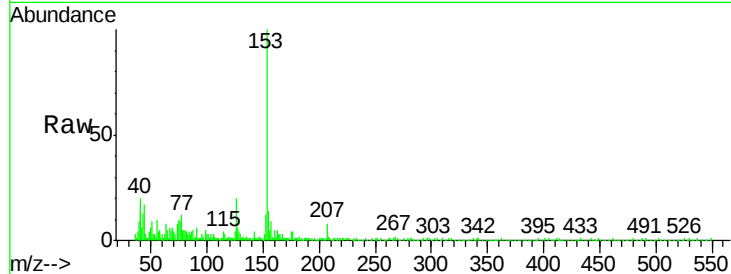




#54  
2,4-Dinitrophenol  
Concen: 11.378 ng  
RT: 14.34 min Scan# 1947  
Delta R.T. -0.01 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

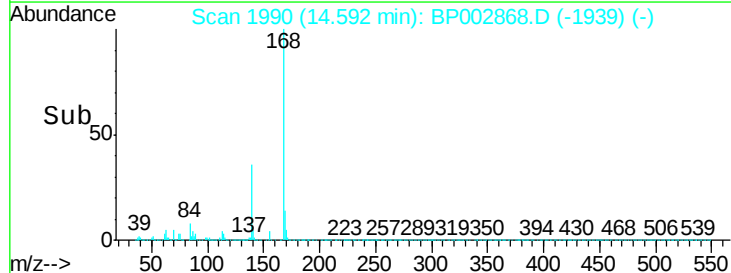
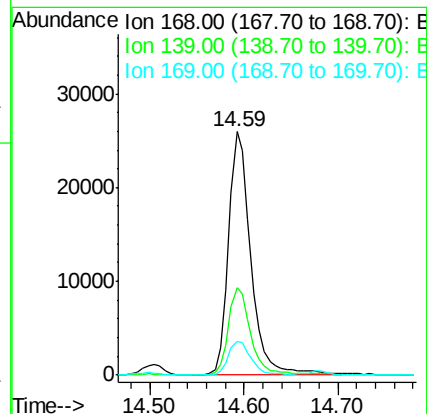
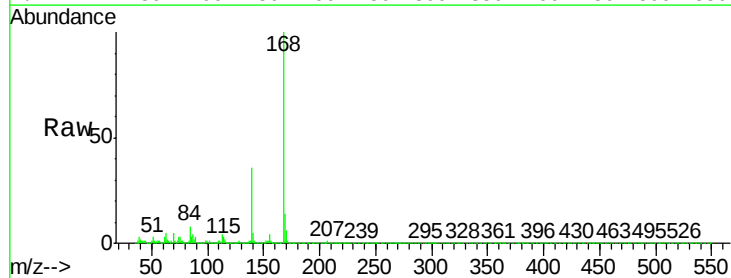
Instrument :  
BNA\_P  
ClientSampleId :  
CTR-024

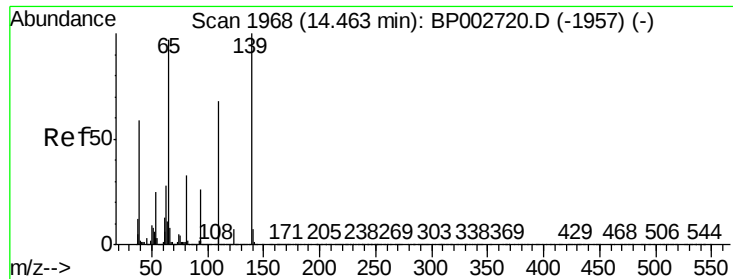
Tot Ion:184 Resp: 8  
Ion Ratio Lower Upper  
184 100  
63 791.3 55.4 83.0#  
154 1339.1 47.5 71.3#



#55  
Dibenzofuran  
Concen: 2.486 ng  
RT: 14.59 min Scan# 1990  
Delta R.T. 0.00 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

Tgt Ion:168 Resp: 42713  
Ion Ratio Lower Upper  
168 100  
139 35.7 29.0 43.6  
169 13.6 10.9 16.3

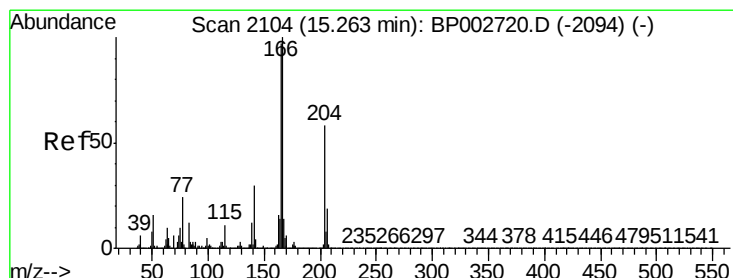
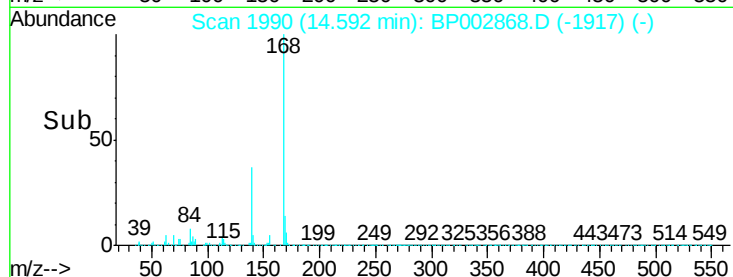
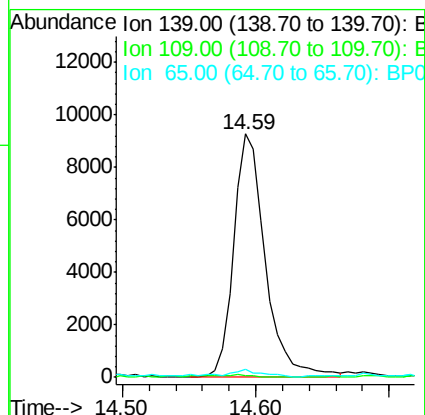
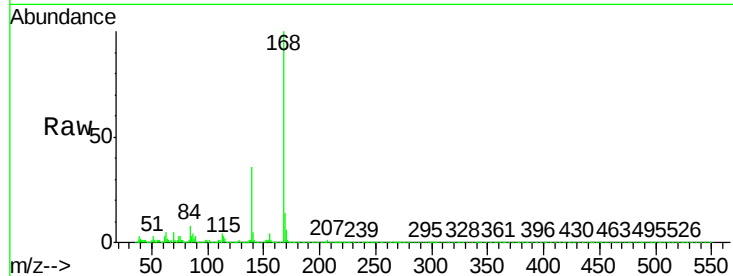




#56  
4-Nitrophenol  
Concen: 10.197 ng  
RT: 14.59 min Scan# 1990  
Delta R.T. 0.13 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

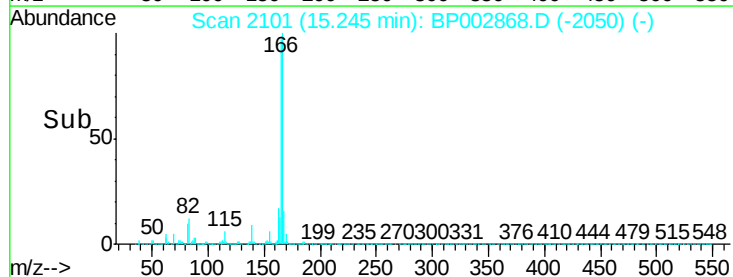
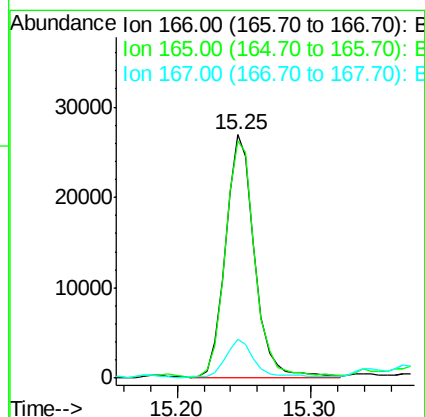
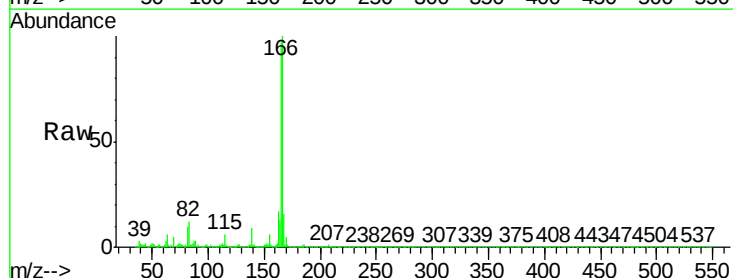
Instrument :  
BNA\_P  
ClientSampleId :  
CTR-024

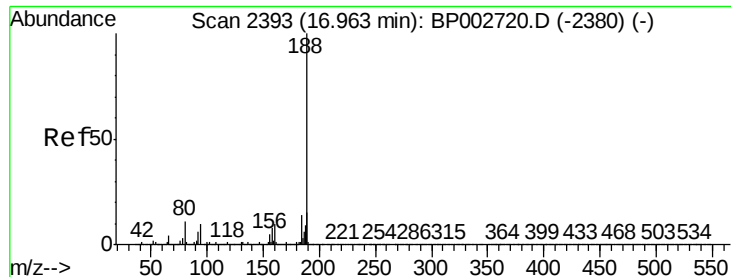
Tot Ion:139 Resp: 15317  
Ion Ratio Lower Upper  
139 100  
109 0.7 55.2 95.2#  
65 3.4 84.7 124.7#



#58  
Fluorene  
Concen: 3.205 ng  
RT: 15.25 min Scan# 2101  
Delta R.T. -0.00 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

Tgt Ion:166 Resp: 40749  
Ion Ratio Lower Upper  
166 100  
165 97.3 75.7 113.5  
167 15.9 10.8 16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Instrument :

BNA\_P

ClientSampleId :

CTR-024

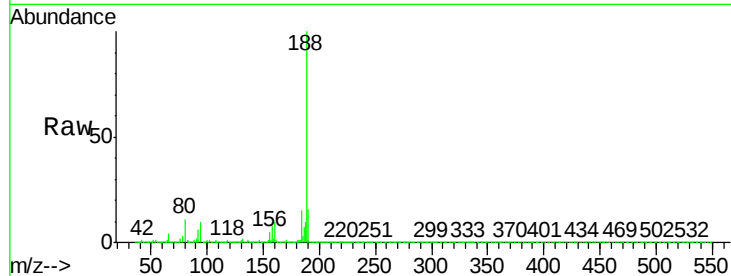
Tot Ion:188 Resp: 438402

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

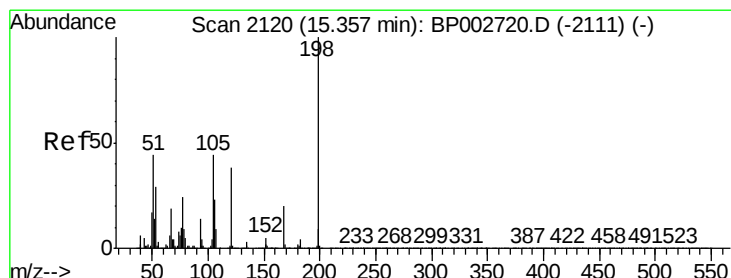
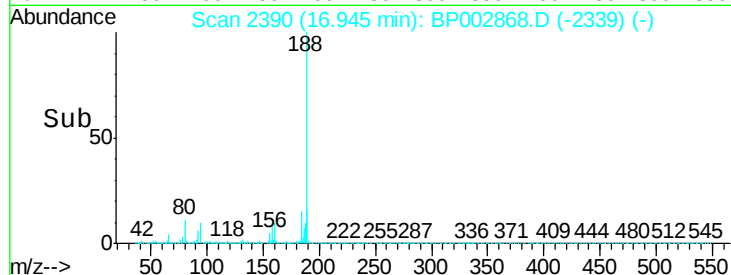
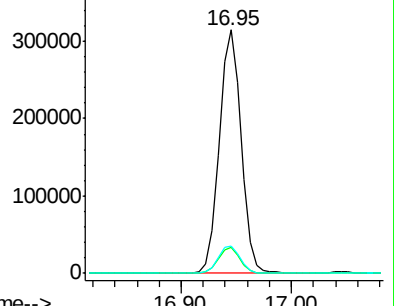
80 11.2 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.273 ng

RT: 15.34 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

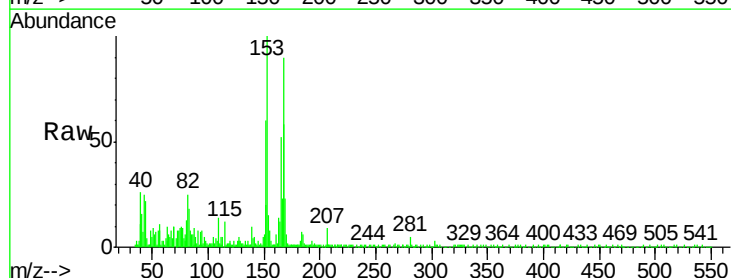
Tgt Ion:198 Resp: 18

Ion Ratio Lower Upper

198 100

51 759.1 25.1 65.1#

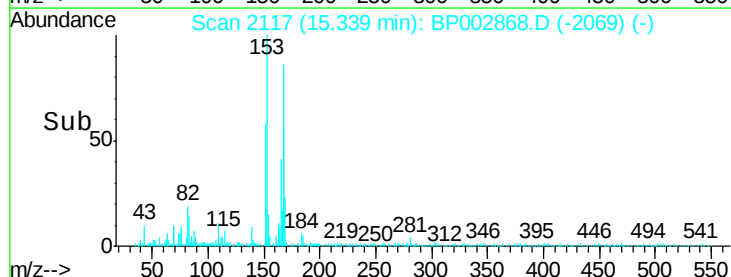
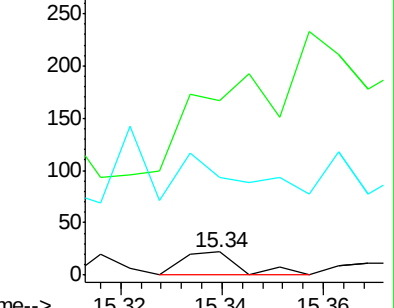
105 422.7 24.6 64.6#

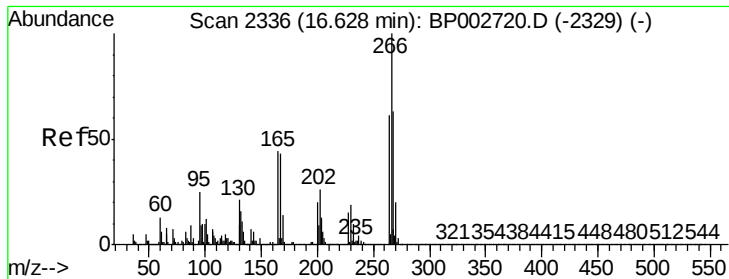


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

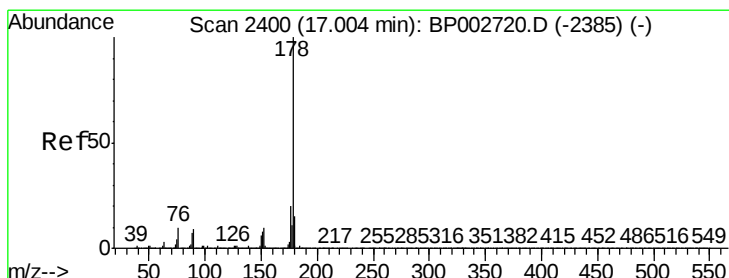
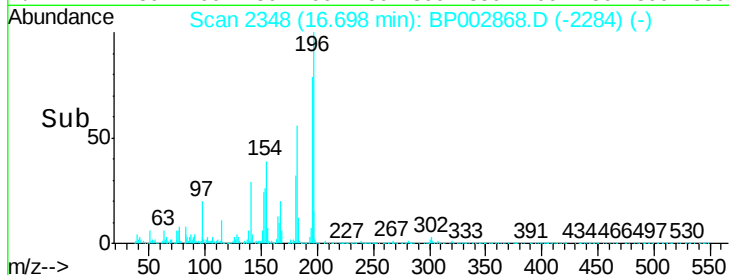
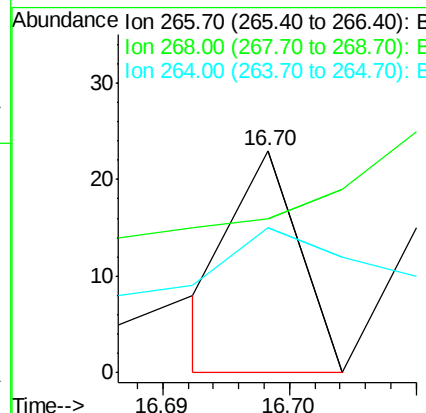
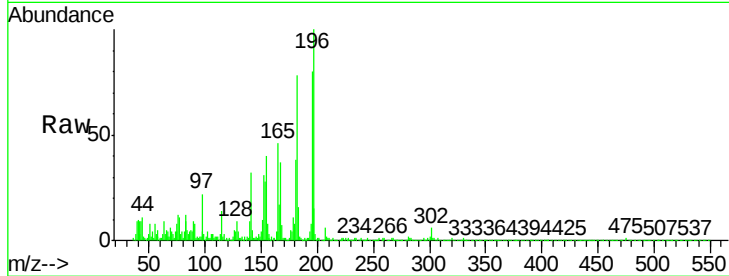




#70  
Pentachlorophenol  
Concen: 7.444 ng  
RT: 16.70 min Scan# 2348  
Delta R.T. 0.08 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

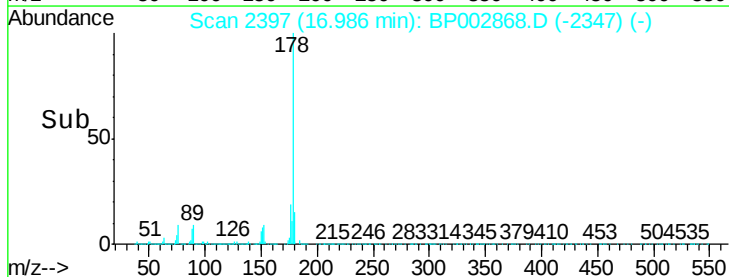
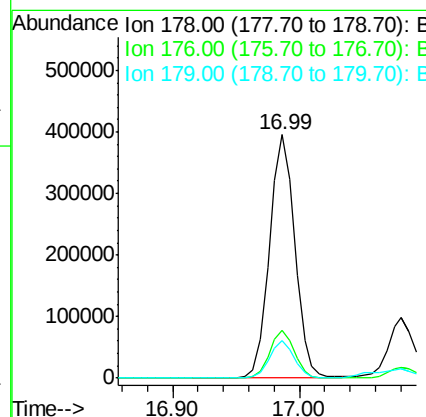
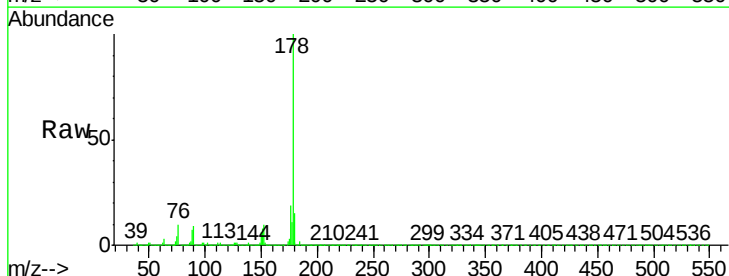
Instrument :  
BNA\_P  
ClientSampleId :  
CTR-024

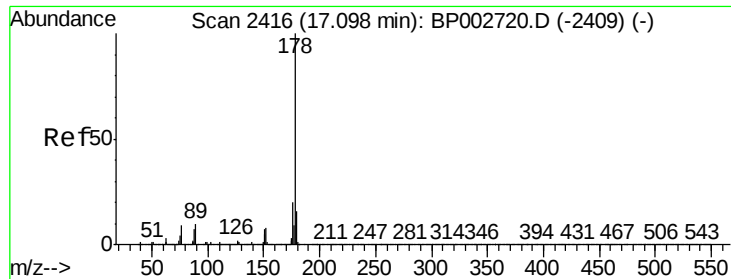
Tot Ion:266 Resp: 8  
Ion Ratio Lower Upper  
266 100  
268 69.6 51.2 76.8  
264 65.2 50.2 75.4



#71  
Phenanthrene  
Concen: 23.180 ng  
RT: 16.99 min Scan# 2397  
Delta R.T. -0.01 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

Tgt Ion:178 Resp: 550217  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 15.3 11.8 17.6





#72

Anthracene

Concen: 5.990 ng

RT: 17.08 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Instrument :

BNA\_P

ClientSampleId :

CTR-024

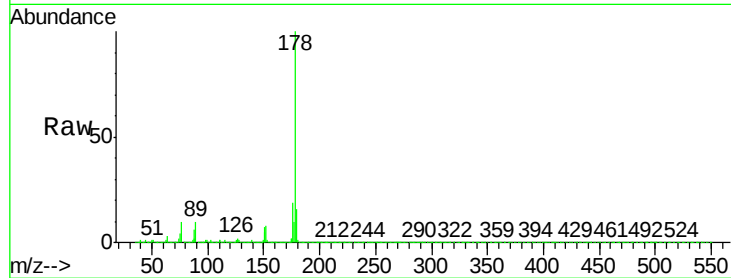
Tot Ion:178 Resp: 139528

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

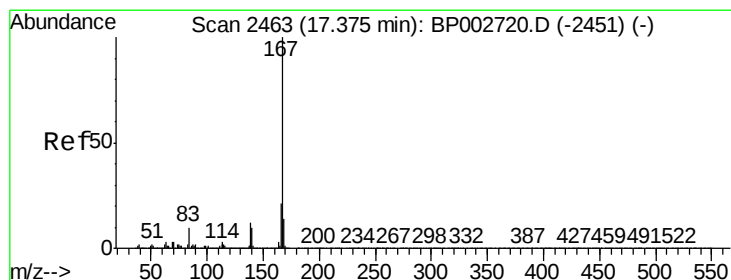
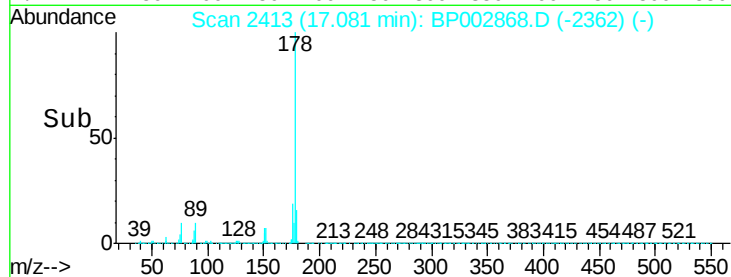
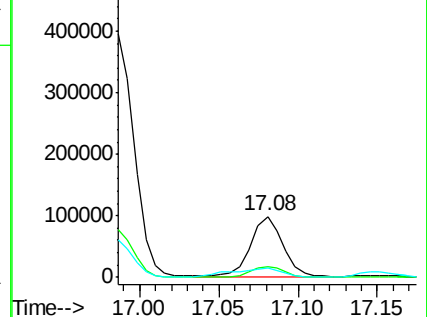
179 15.7 12.2 18.2



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



#73

Carbazole

Concen: 3.407 ng

RT: 17.36 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

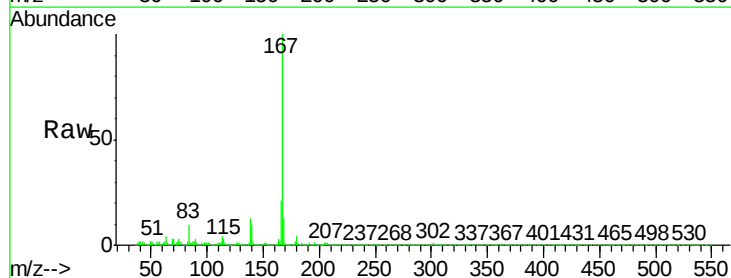
Tgt Ion:167 Resp: 77871

Ion Ratio Lower Upper

167 100

166 20.8 16.8 25.2

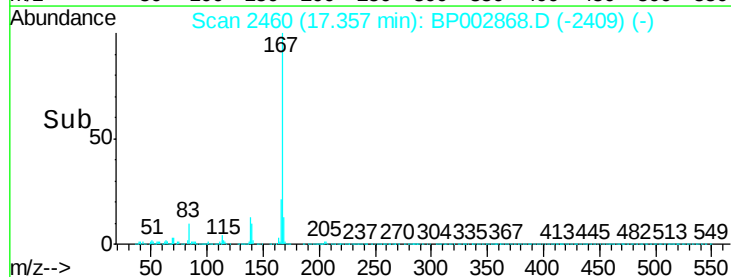
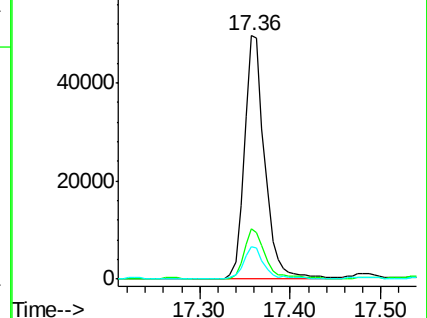
139 13.4 9.8 14.8

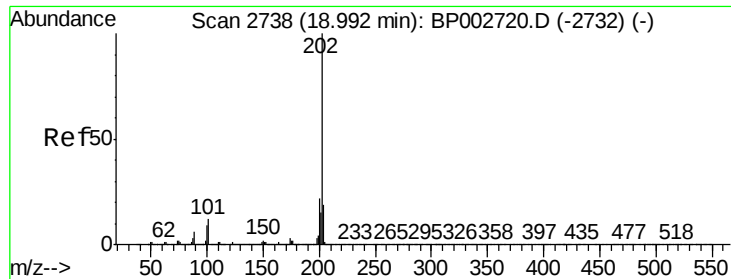


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 20.747 ng

RT: 18.97 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Instrument :

BNA\_P

ClientSampleId :

CTR-024

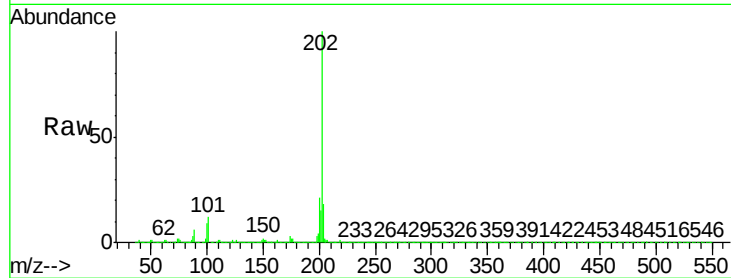
Tot Ion:202 Resp: 570620

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.0

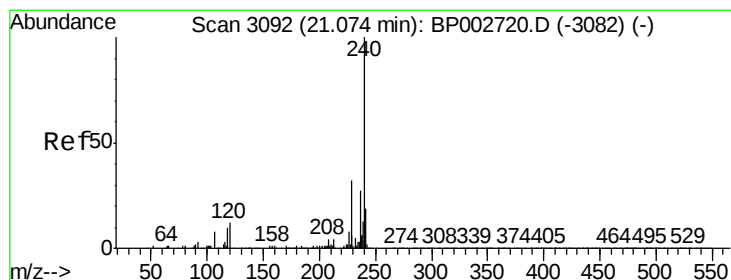
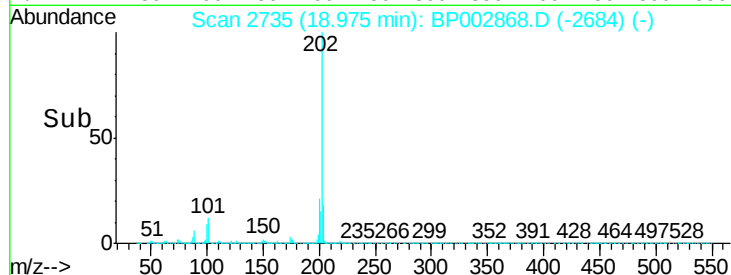
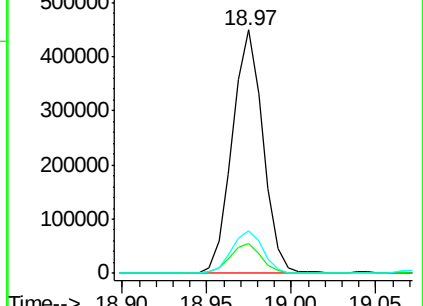
203 17.7 0.0 38.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

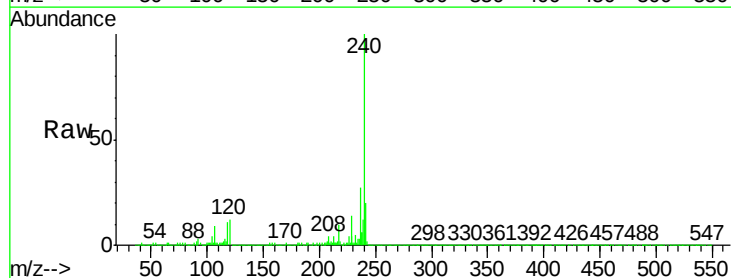
Tgt Ion:240 Resp: 567523

Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

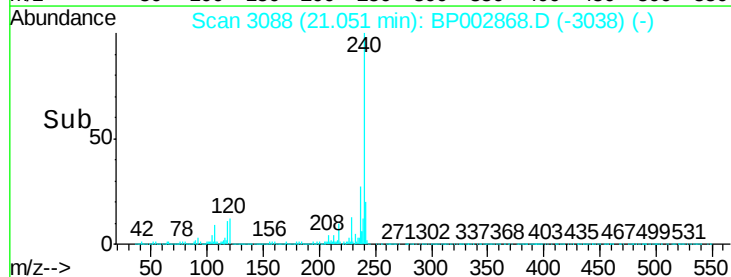
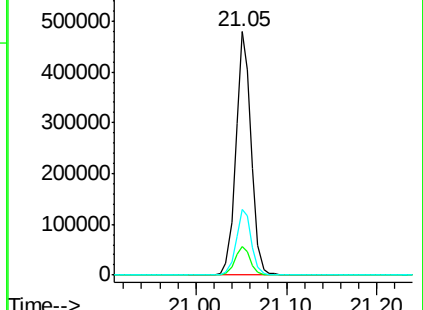
236 27.2 20.3 30.5

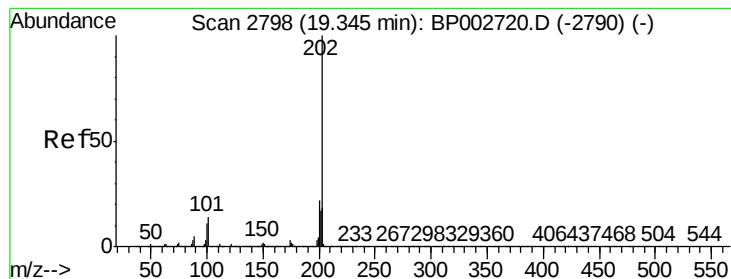


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 12.035 ng

RT: 19.33 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Instrument :

BNA\_P

ClientSampleId :

CTR-024

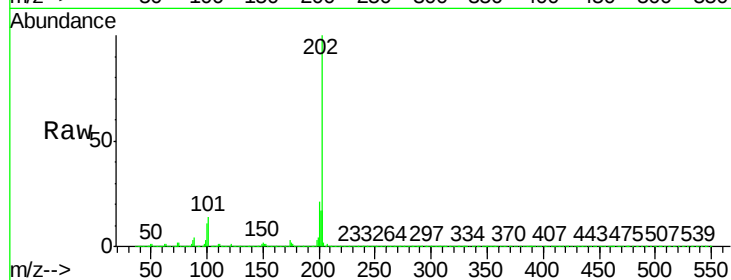
Tot Ion:202 Resp: 471557

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

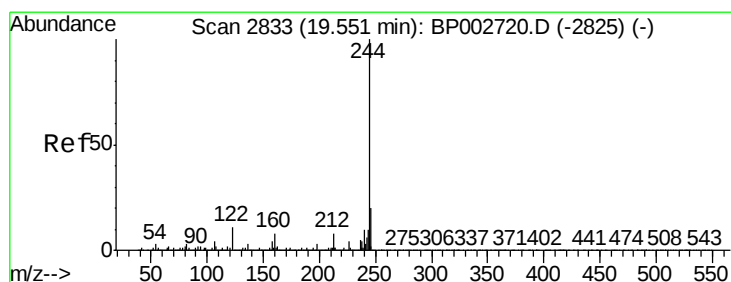
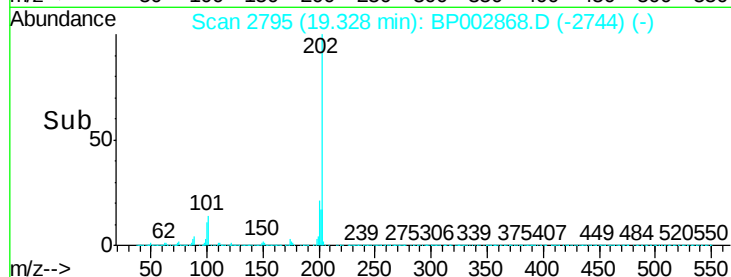
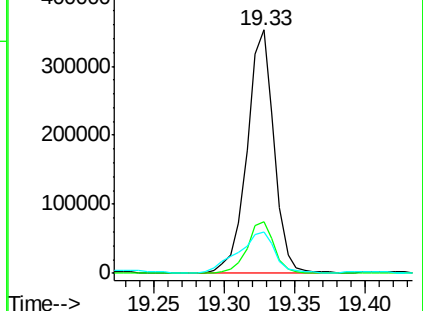
203 17.1 13.8 20.8



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



#79

Terphenyl-d14

Concen: 49.569 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

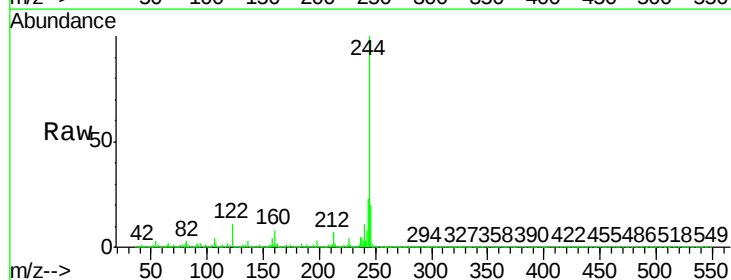
Tgt Ion:244 Resp: 1226990

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

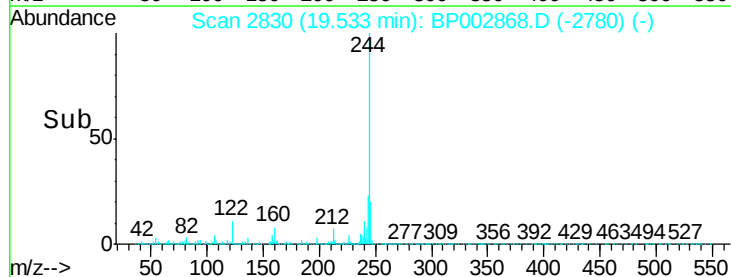
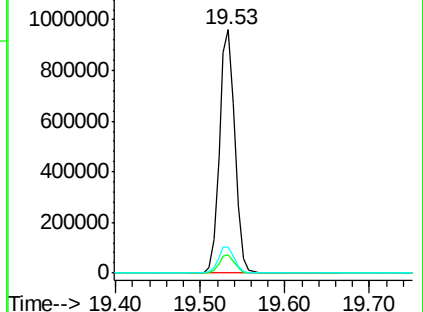
122 10.9 7.9 11.9

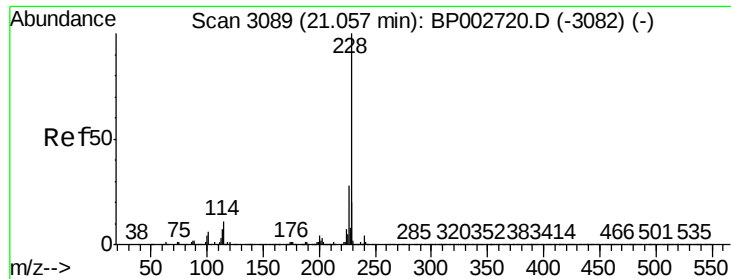


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

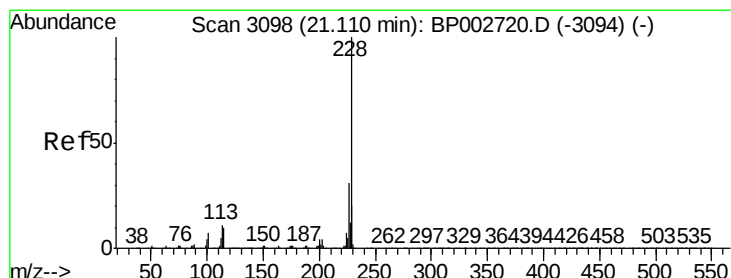
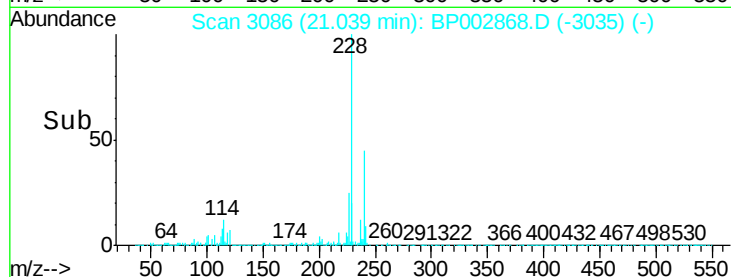
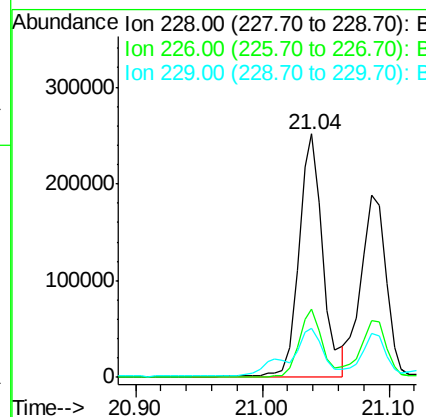
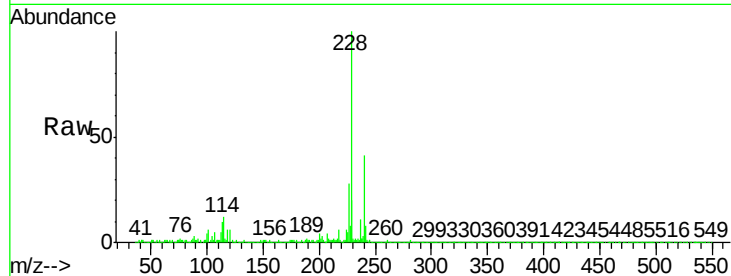




#81  
Benzo(a)anthracene  
Concen: 9.003 ng  
RT: 21.04 min Scan# 3086  
Delta R.T. 0.00 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

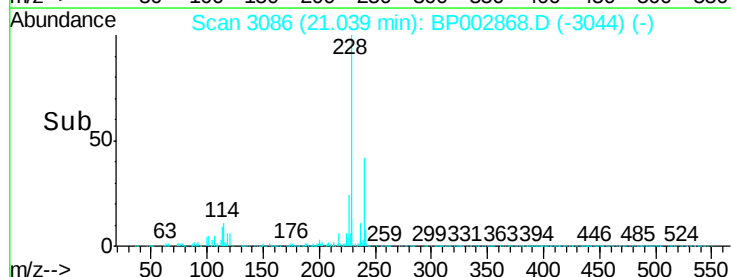
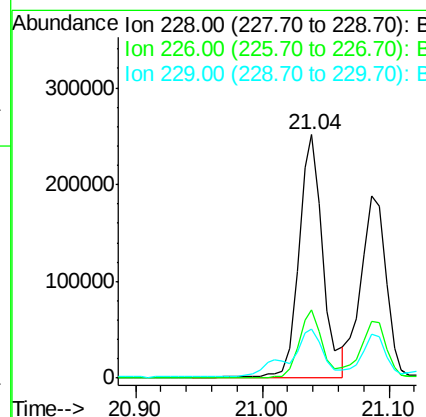
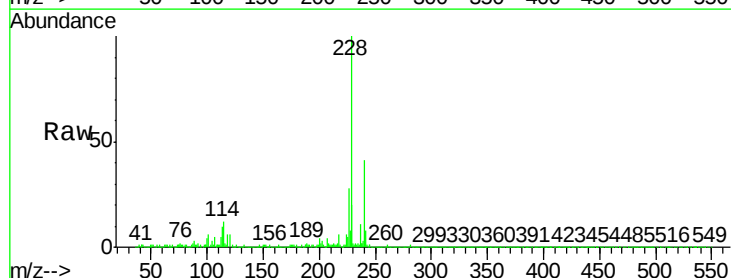
Instrument :  
BNA\_P  
ClientSampleId :  
CTR-024

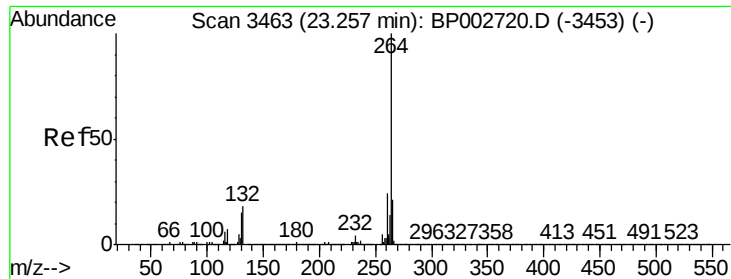
Tot Ion:228 Resp: 330736  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.8 32.6  
229 20.2 15.8 23.6



#83  
Chrysene  
Concen: 9.458 ng  
RT: 21.04 min Scan# 3086  
Delta R.T. -0.05 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

Tgt Ion:228 Resp: 330736  
Ion Ratio Lower Upper  
228 100  
226 27.9 23.4 35.2  
229 20.2 15.2 22.8



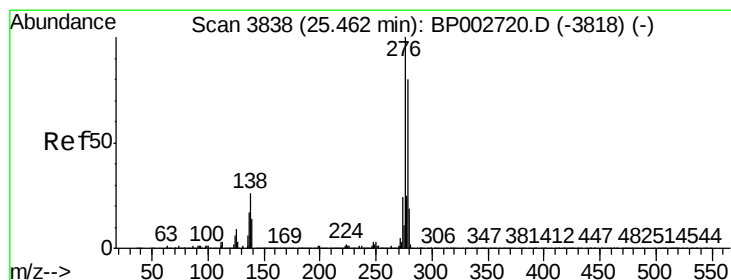
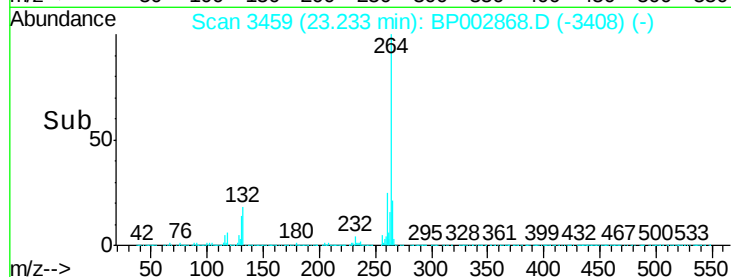
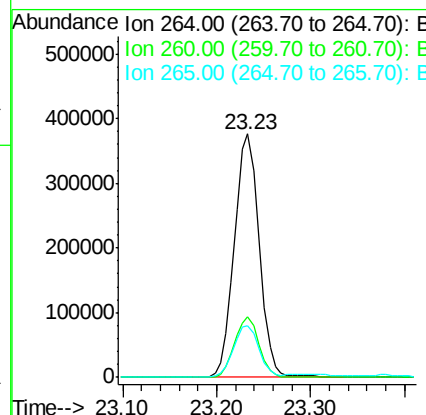
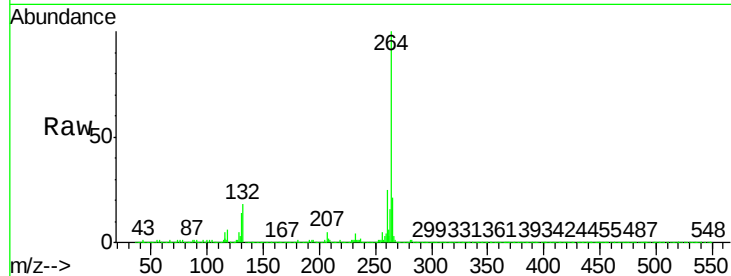


#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.23 min Scan# 3459  
Delta R.T. -0.00 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

Instrument :  
BNA\_P  
ClientSampleId :  
CTR-024

Tot Ion:264 Resp: 690144  

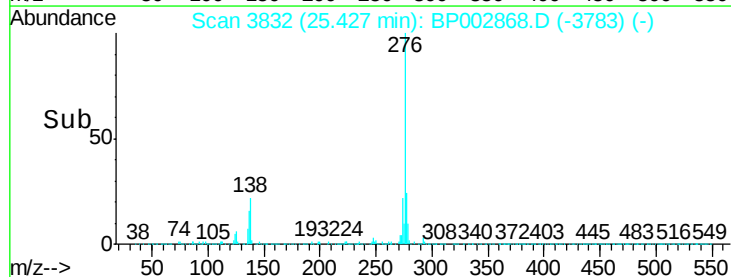
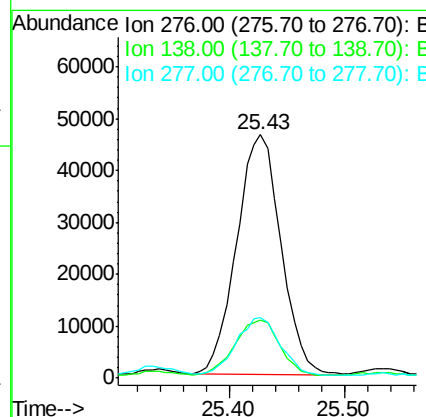
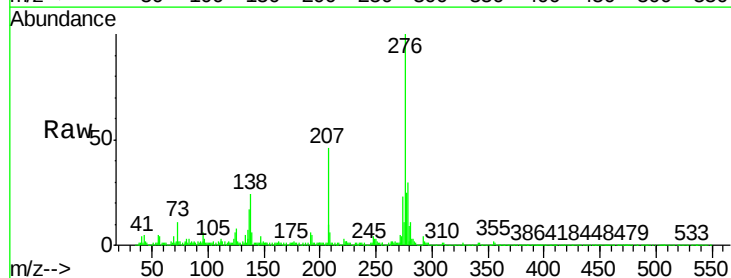
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.9  | 19.6  | 29.4  |
| 265 | 21.1  | 16.7  | 25.1  |

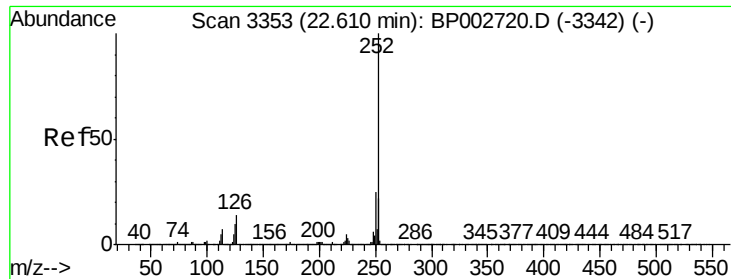


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 2.475 ng  
RT: 25.43 min Scan# 3832  
Delta R.T. -0.01 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

Tgt Ion:276 Resp: 123432  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 23.7  | 20.5  | 30.7  |
| 277 | 24.3  | 20.1  | 30.1  |





#88

Benzo(b)fluoranthene

Concen: 10.027 ng

RT: 22.59 min Scan# 3349

Delta R.T. 0.00 min

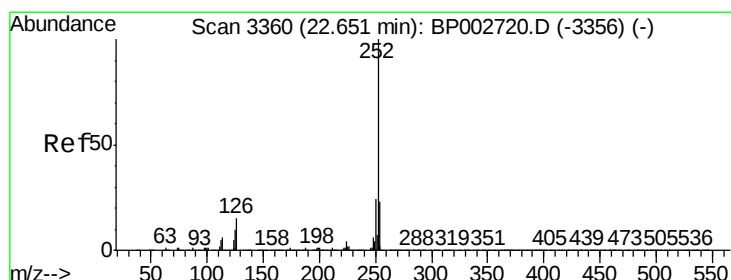
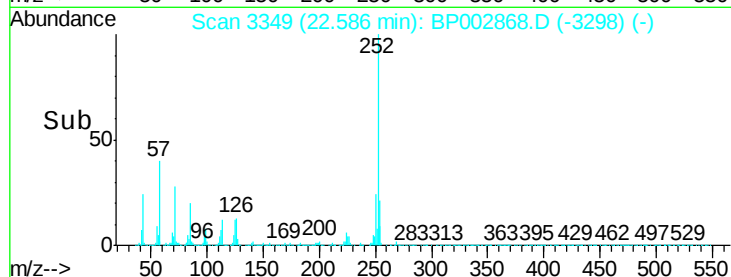
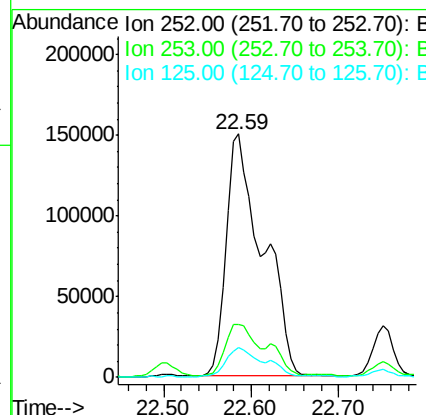
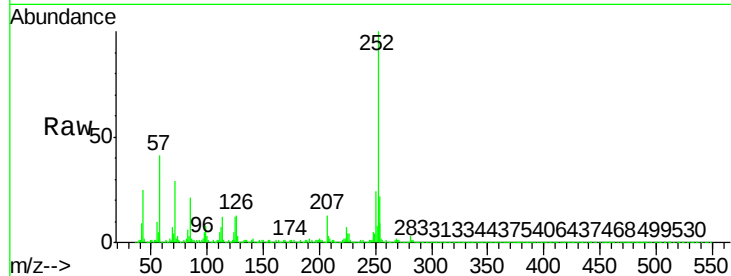
Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Instrument :  
BNA\_P  
ClientSampleId :  
CTR-024

Tot Ion:252 Resp: 429689

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.7  | 18.5  | 27.7  |
| 125 | 12.1  | 8.3   | 12.5  |



#89

Benzo(k)fluoranthene

Concen: 10.180 ng

RT: 22.59 min Scan# 3349

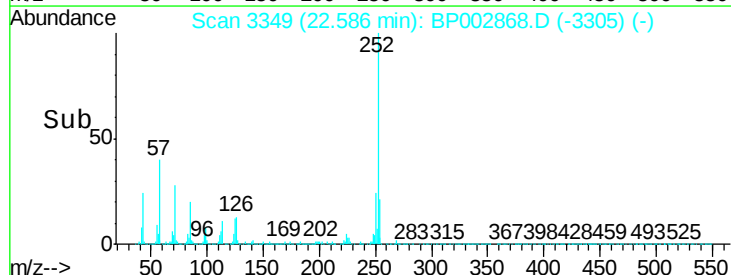
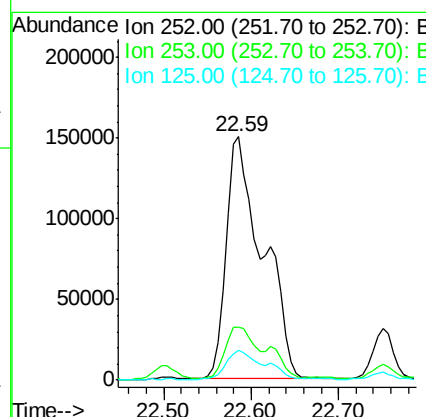
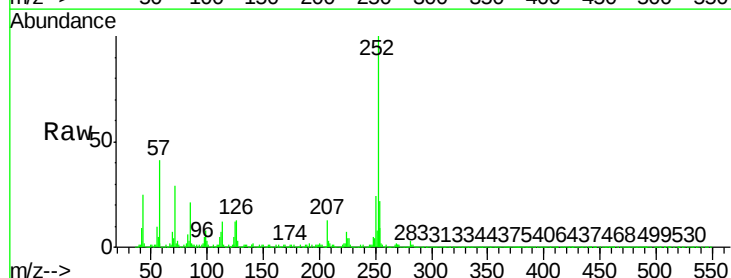
Delta R.T. -0.04 min

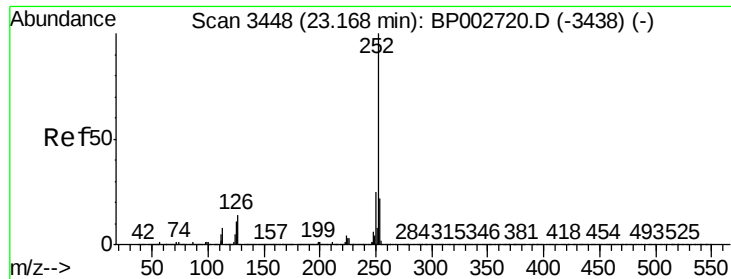
Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Tgt Ion:252 Resp: 429689

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.7  | 17.0  | 25.6  |
| 125 | 12.1  | 8.0   | 12.0# |

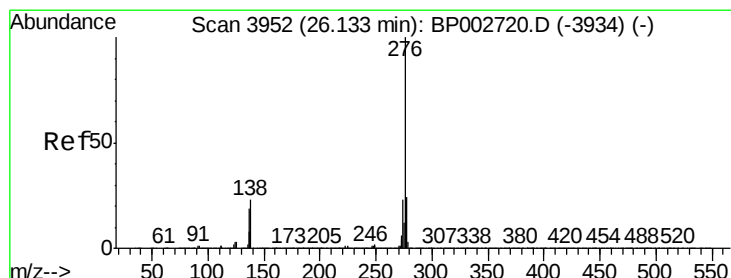
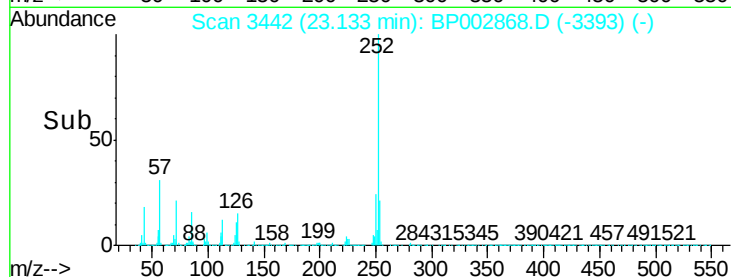
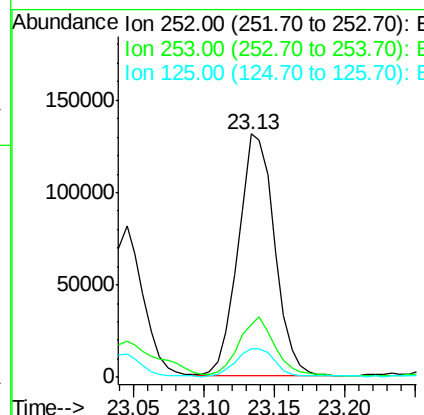
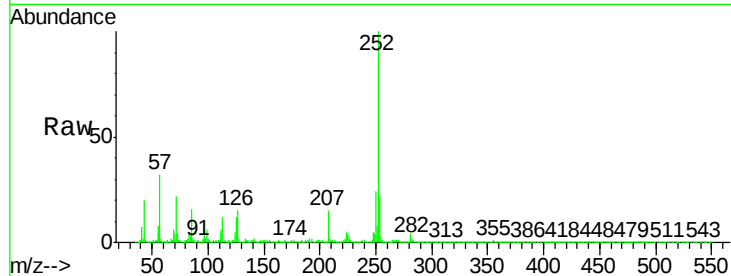




#90  
Benzo(a)pyrene  
Concen: 5.850 ng  
RT: 23.13 min Scan# 3442  
Delta R.T. -0.01 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

Instrument :  
BNA\_P  
ClientSampleId :  
CTR-024

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.1  | 27.1  |
| 125     | 11.7  | 8.9   | 13.3  |



#92  
Benzo(g,h,i)perylene  
Concen: 2.489 ng  
RT: 26.10 min Scan# 3946  
Delta R.T. -0.01 min  
Lab File: BP002868.D  
Acq: 24 Jul 2020 23:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 21.2  | 19.0  | 28.4  |
| 138     | 21.7  | 18.2  | 27.4  |

