

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\  
 Data File : BP000696.D  
 Acq On : 13 Oct 2019 02:51  
 Operator : JU  
 Sample : K5348-05  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Oct 14 04:42:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 01 18:03:42 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 217816   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.03  | 136  | 791109   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.80  | 164  | 426802   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.29 | 188  | 771719   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 13.97 | 240  | 639305   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.45 | 264  | 756646   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.38  | 112  | 242583   | 17.90 | ng    | -0.02    |
| 7) Phenol-d6                | 6.39  | 99   | 1253724  | 76.78 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.31  | 82   | 791316   | 61.09 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.59 | 330  | 23639    | 5.20  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.12  | 172  | 1390888  | 52.73 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.90 | 244  | 1603909  | 50.80 | ng    | -0.02    |

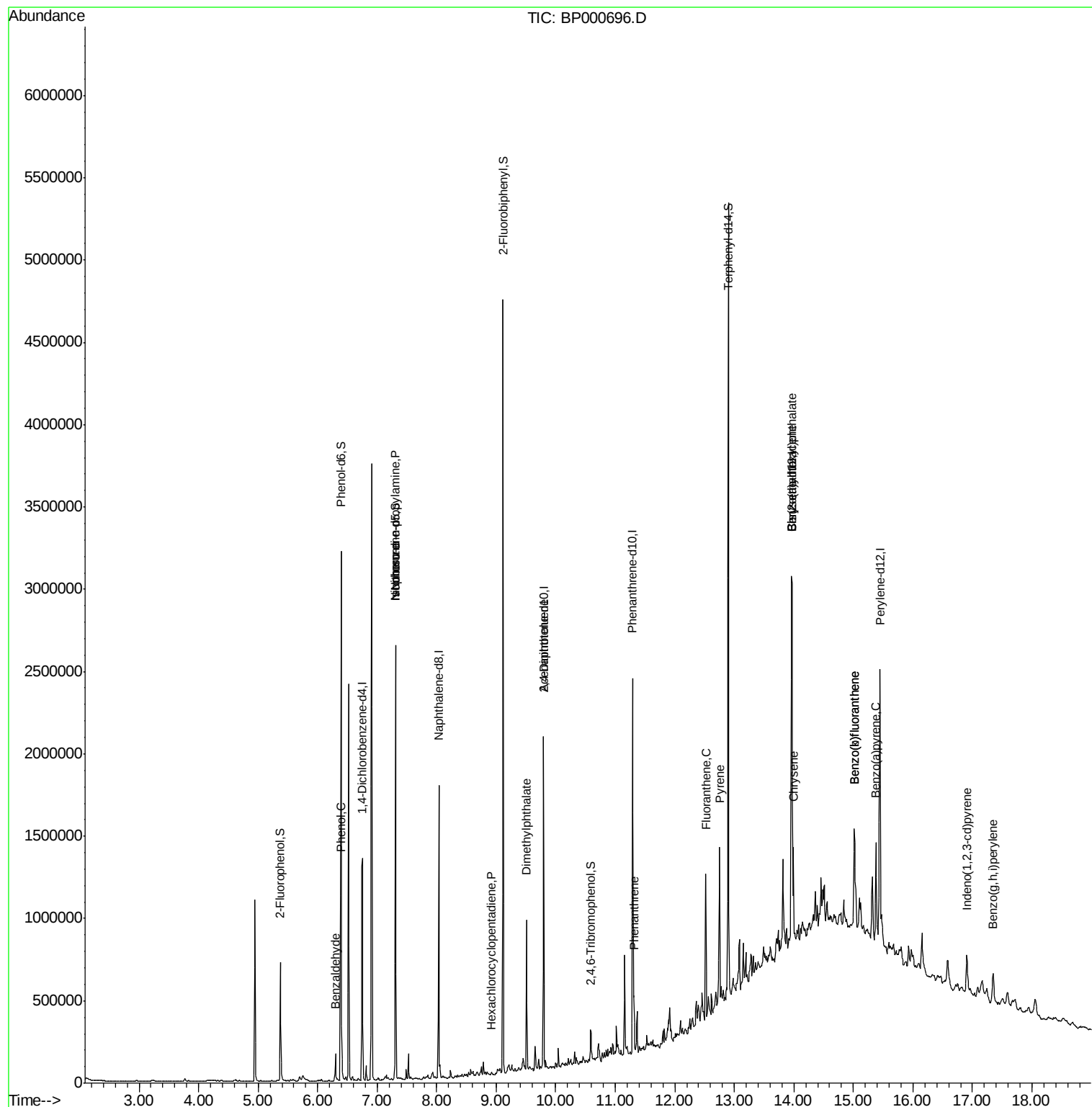
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 9) Benzaldehyde                | 6.29  | 77   | 37198    | 4.373  | ng    | 96     |
| 10) Phenol                     | 6.40  | 94   | 72956    | 4.364  | ng    | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.31  | 70   | 98858    | 13.134 | ng    | # 73   |
| 25) Isophorone                 | 7.31  | 82   | 790936   | 34.405 | ng    | # 61   |
| 41) Hexachlorocyclopentadiene  | 8.90  | 237  | 40       | 7.304  | ng    | 78     |
| 50) Dimethylphthalate          | 9.51  | 163  | 310977   | 10.486 | ng    | 100    |
| 57) 2,4-Dinitrotoluene         | 9.79  | 165  | 56228    | 6.557  | ng    | # 32   |
| 71) Phenanthrene               | 11.32 | 178  | 107945   | 2.785  | ng    | 98     |
| 75) Fluoranthene               | 12.52 | 202  | 357437   | 8.211  | ng    | 99     |
| 78) Pyrene                     | 12.75 | 202  | 382901   | 8.684  | ng    | 99     |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 226286   | 5.801  | ng    | # 80   |
| 83) Chrysene                   | 13.99 | 228  | 240916   | 6.293  | ng    | 98     |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 136911   | 5.666  | ng    | 99     |
| 86) Indeno(1,2,3-cd)pyrene     | 16.90 | 276  | 160551   | 3.357  | ng    | 95     |
| 88) Benzo(b)fluoranthene       | 15.02 | 252  | 426102   | 9.926  | ng    | # 93   |
| 89) Benzo(k)fluoranthene       | 15.02 | 252  | 426102   | 10.426 | ng    | # 95   |
| 90) Benzo(a)pyrene             | 15.38 | 252  | 263595   | 6.587  | ng    | # 94   |
| 92) Benzo(g,h,i)perylene       | 17.35 | 276  | 163898   | 4.156  | ng    | 99     |

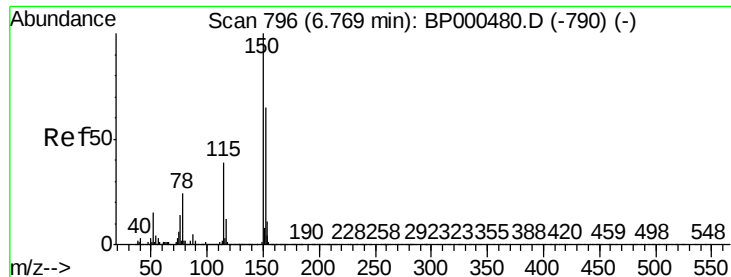
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\  
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Quant Time: Oct 14 04:42:08 2019  
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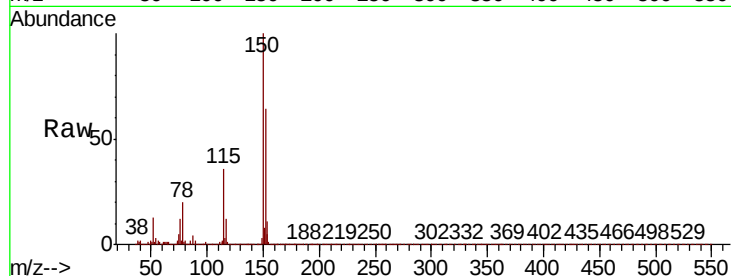


#1

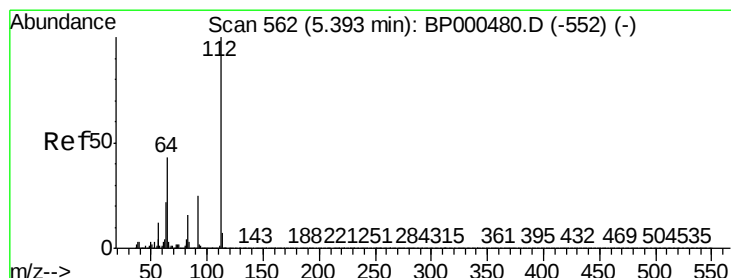
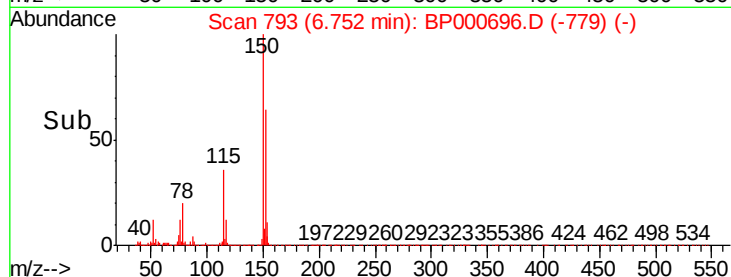
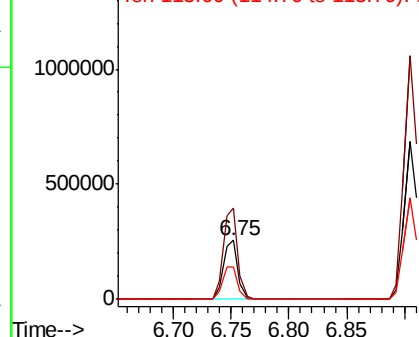
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 793  
Delta R.T. -0.02 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.7 | 124.1 | 186.1 |
| 115     | 55.6  | 48.7  | 73.1  |



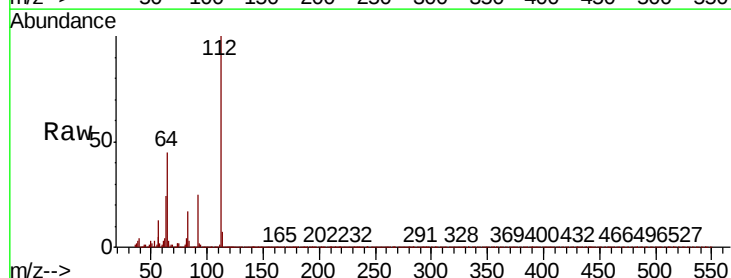
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



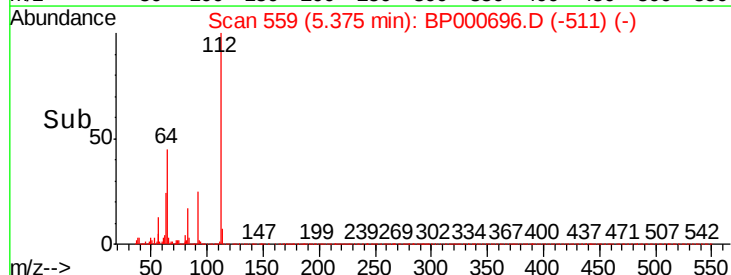
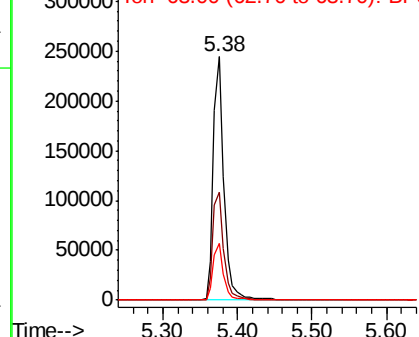
#5

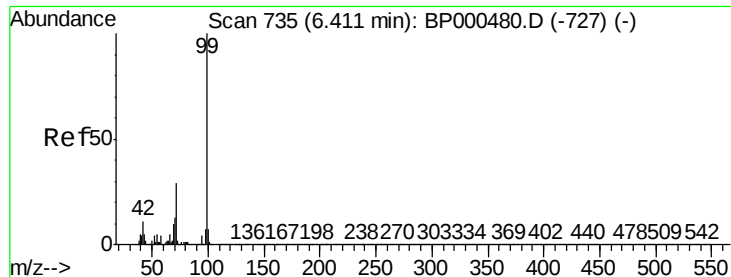
2-Fluorophenol  
Concen: 17.902 ng  
RT: 5.38 min Scan# 559  
Delta R.T. -0.02 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 44.6  | 34.2  | 51.4  |
| 63      | 23.5  | 17.9  | 26.9  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BP0  
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 76.779 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Instrument :

BNA\_P

ClientSampleId :

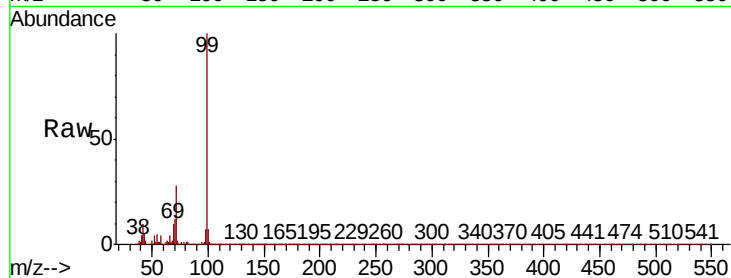
Tot Ion: 99 Resp: 1253724

Ion Ratio Lower Upper

99 100

42 10.4 8.6 12.8

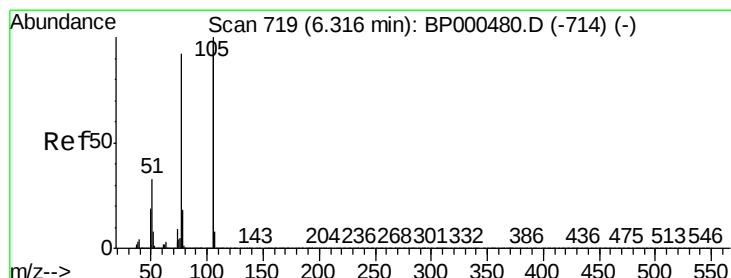
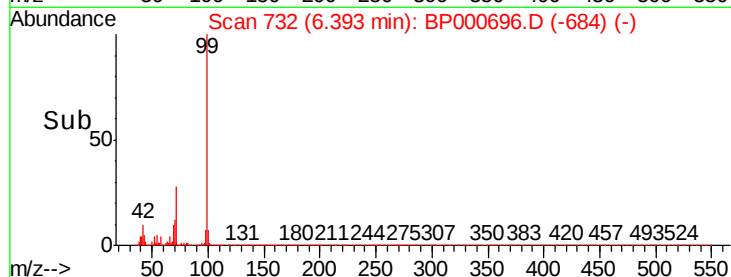
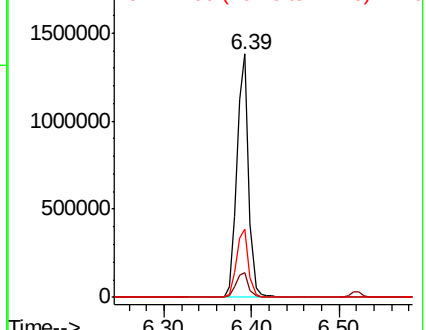
71 28.2 23.0 34.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: 4.373 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

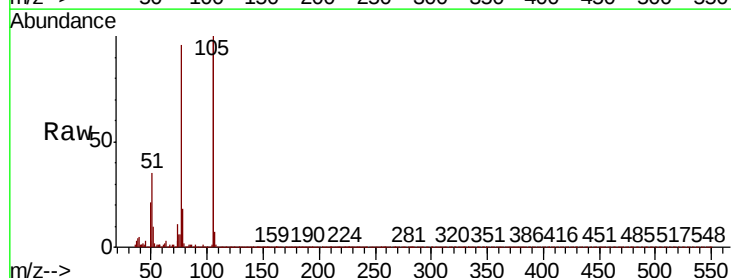
Tgt Ion: 77 Resp: 37198

Ion Ratio Lower Upper

77 100

105 104.2 88.3 128.3

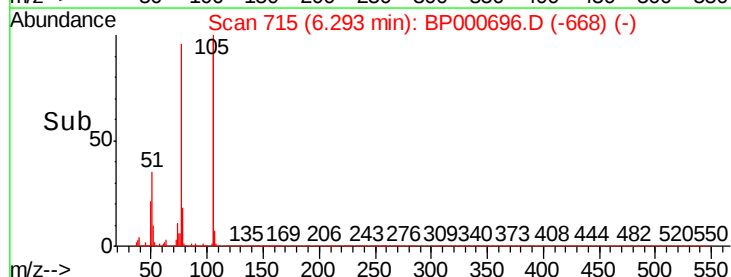
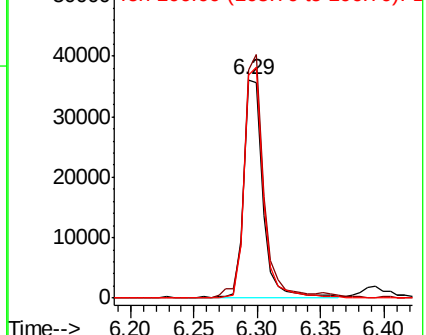
106 102.1 85.7 125.7

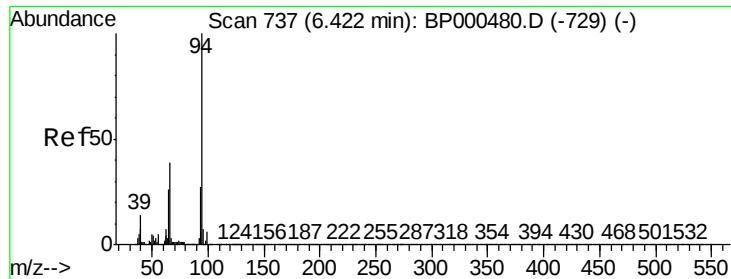


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.364 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Instrument :

BNA\_P

ClientSampled :

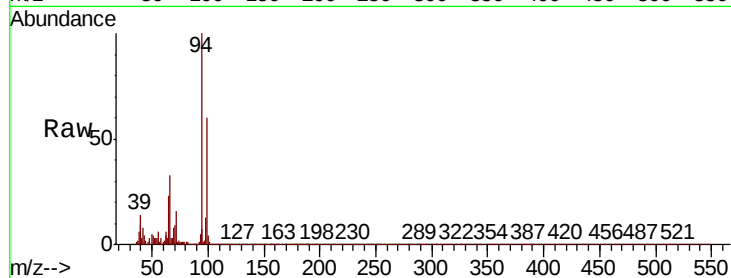
Tot Ion: 94 Resp: 72956

Ion Ratio Lower Upper

94 100

65 23.0 5.9 45.9

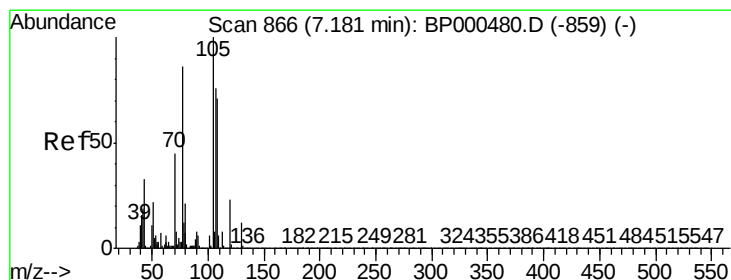
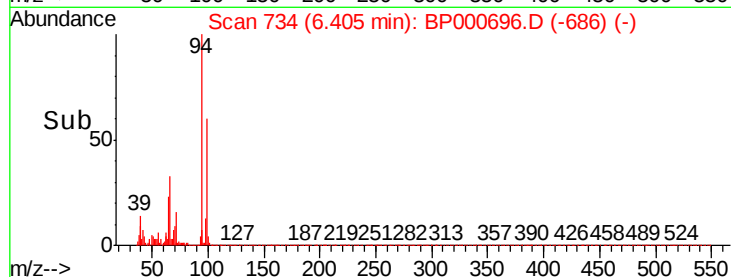
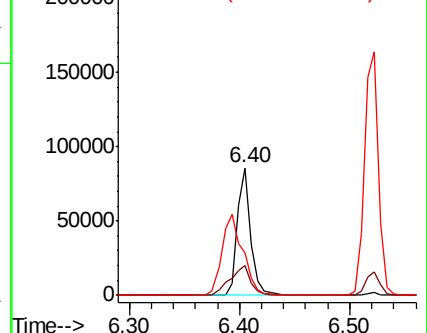
66 33.2 18.8 58.8



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 13.134 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.13 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Tgt Ion: 70 Resp: 98858

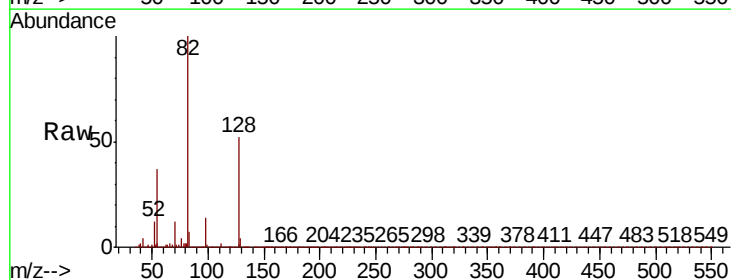
Ion Ratio Lower Upper

70 100

42 33.6 33.2 49.8

101 0.1 9.9 14.9#

130 2.9 21.8 32.8#

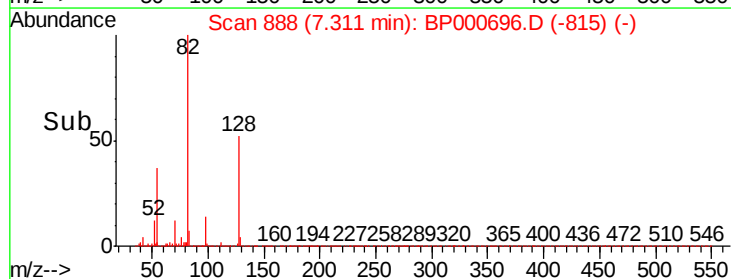
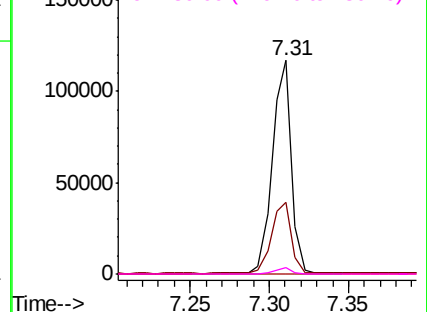


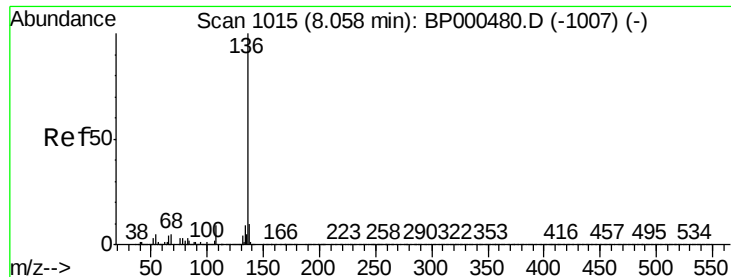
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

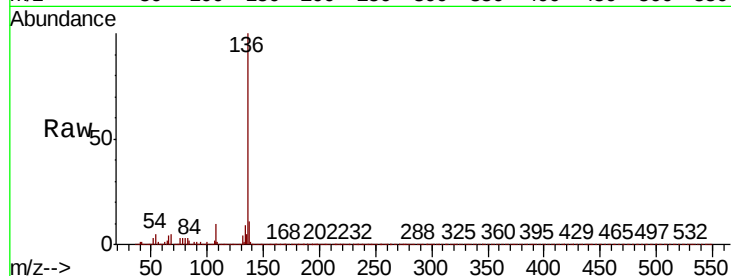




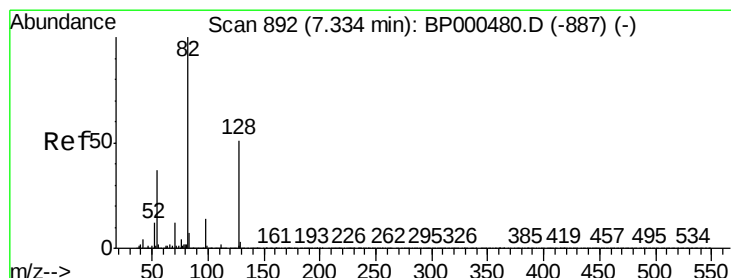
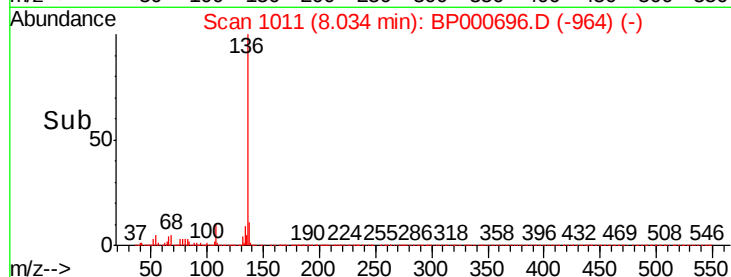
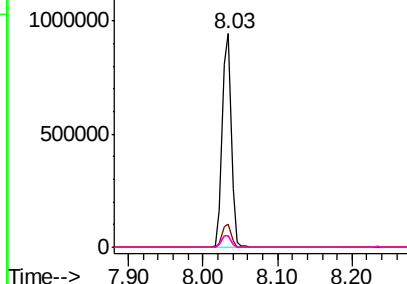
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. -0.02 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

Instrument :  
BNA\_P  
ClientSampled :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 791109 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.9    | 8.2   | 12.4   |
| 54 5.3      | 4.1   | 6.1    |
| 68 5.3      | 4.1   | 6.1    |

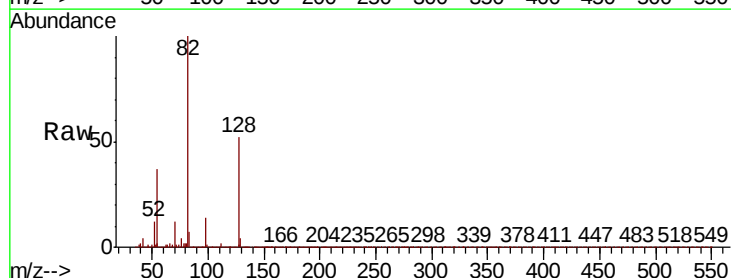


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BP0  
Ion 68.00 (67.70 to 68.70): BP0

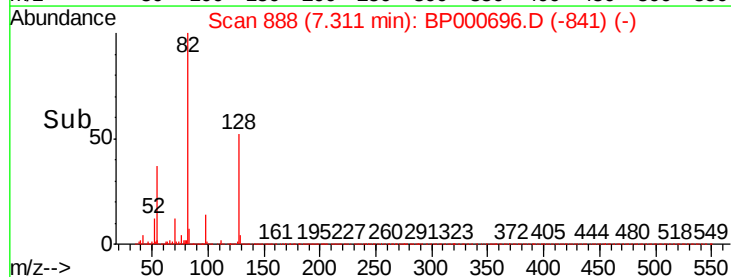
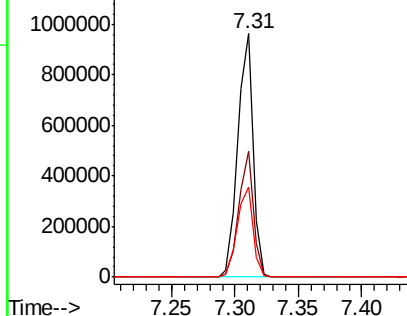


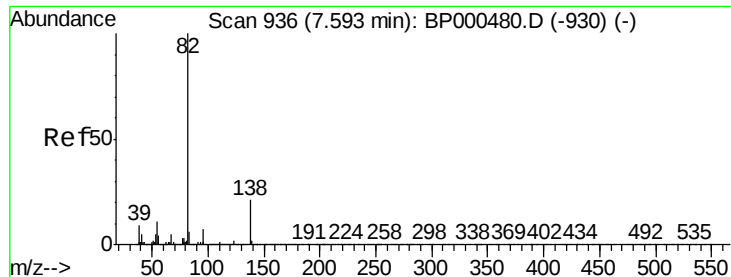
#23  
Nitrobenzene-d5  
Concen: 61.091 ng  
RT: 7.31 min Scan# 888  
Delta R.T. -0.02 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 791316 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 51.5    | 40.9 61.3    |
| 54 37.2     | 29.4 44.2    |



Abundance Ion 82.00 (81.70 to 82.70): BP0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 34.405 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.28 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Instrument :

BNA\_P

ClientSampleId :

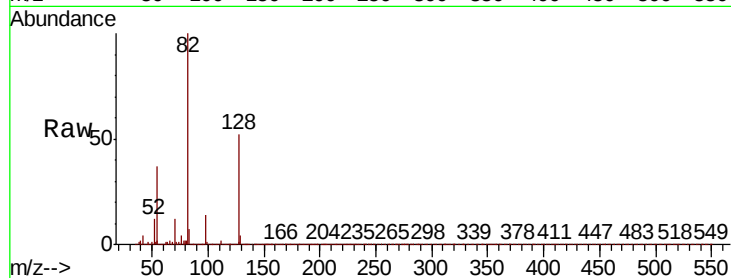
Tot Ion: 82 Resp: 790936

Ion Ratio Lower Upper

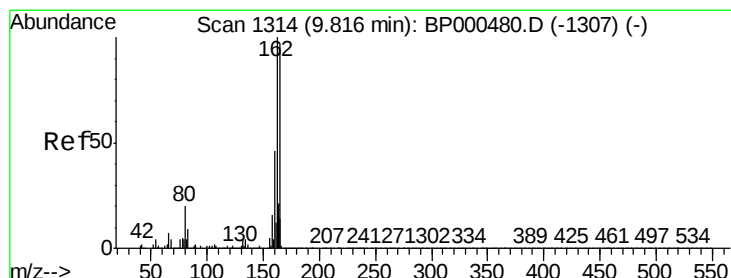
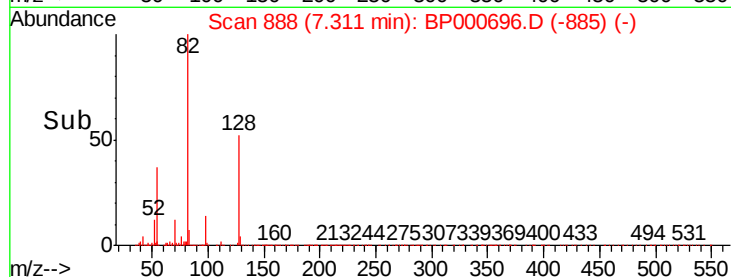
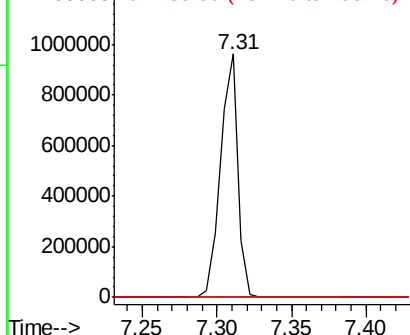
82 100

95 0.0 5.8 8.6#

138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP0  
Ion 95.00 (94.70 to 95.70): BP0  
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

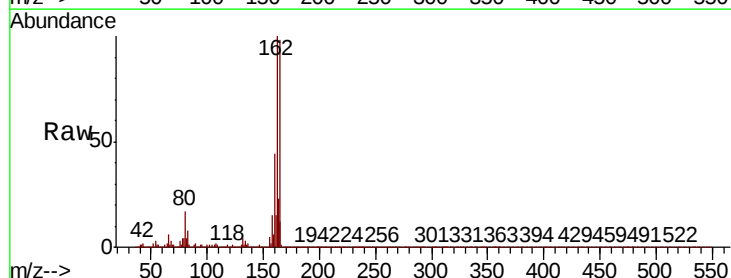
Tgt Ion: 164 Resp: 426802

Ion Ratio Lower Upper

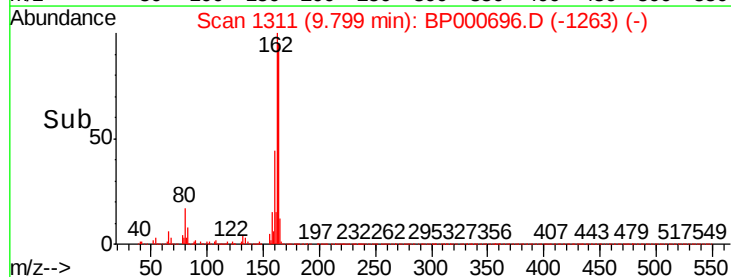
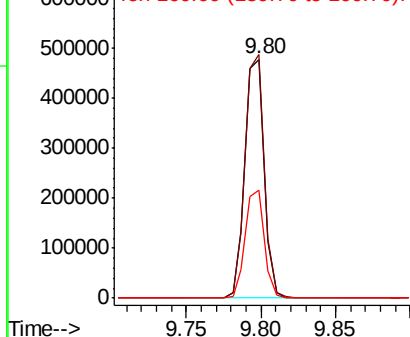
164 100

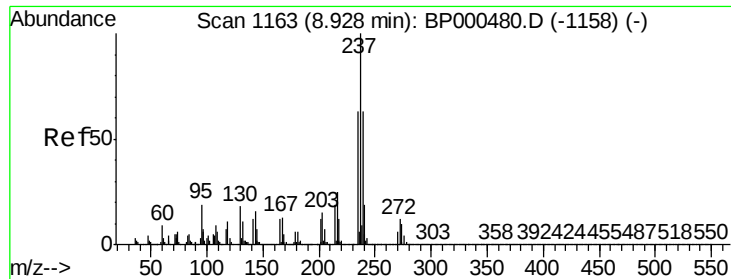
162 102.0 82.2 123.2

160 45.2 37.6 56.4



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

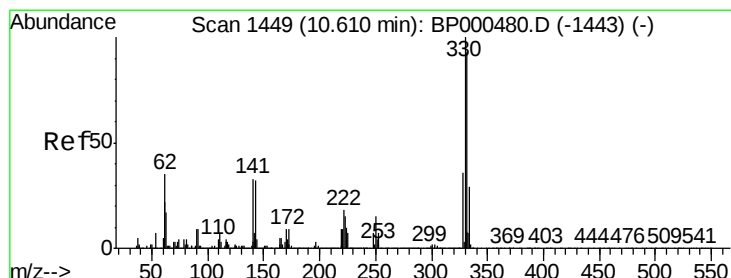
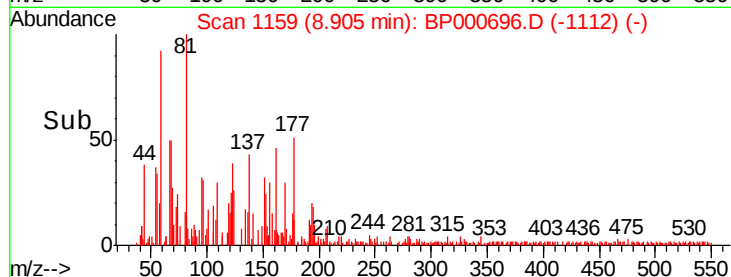
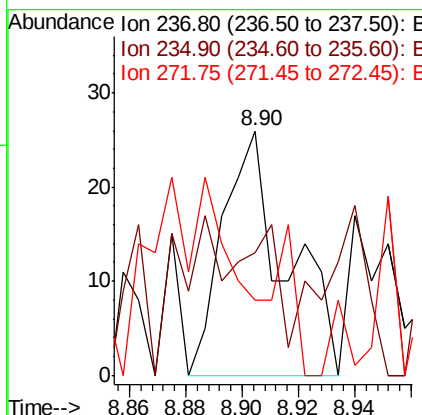
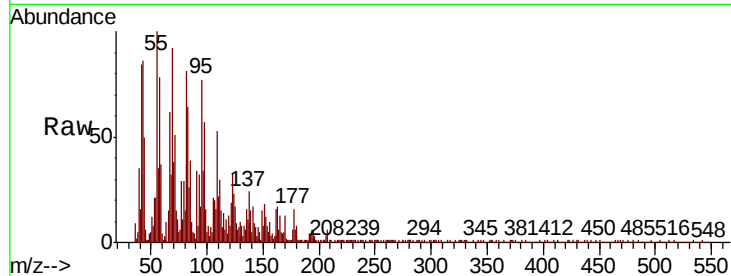




#41  
Hexachlorocyclopentadiene  
Concen: 7.304 ng  
RT: 8.90 min Scan# 1159  
Delta R.T. -0.02 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

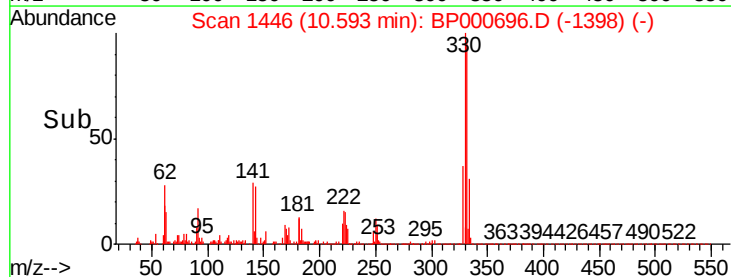
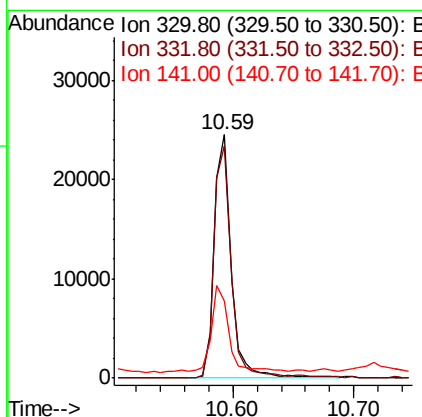
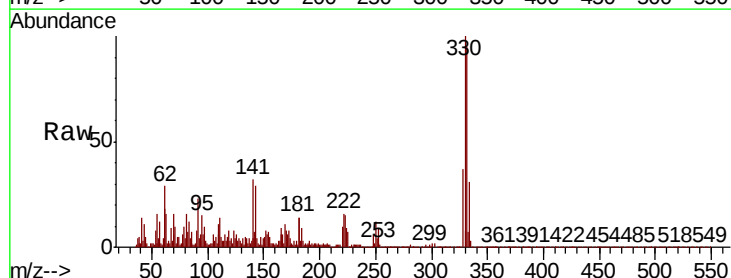
Instrument :  
BNA\_P  
ClientSampleId :

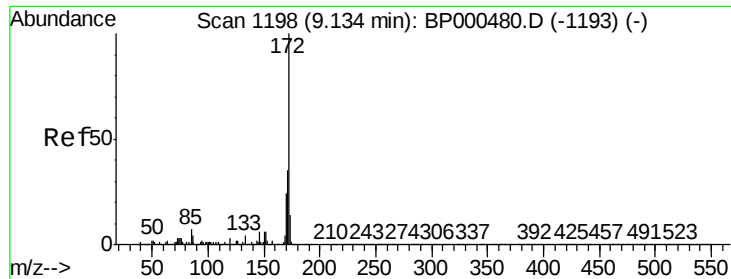
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 237   | Resp: | 40    |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 50.0  | 42.9  | 82.9  |
| 272      | 30.8  | 0.0   | 32.4  |



#42  
2,4,6-Tribromophenol  
Concen: 5.198 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. -0.02 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 23639 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 97.1  | 77.1  | 115.7 |
| 141      | 36.8  | 26.0  | 39.0  |

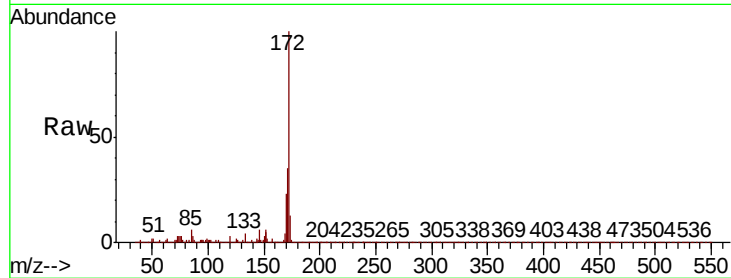




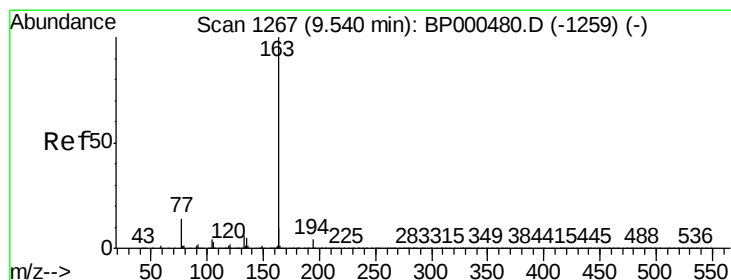
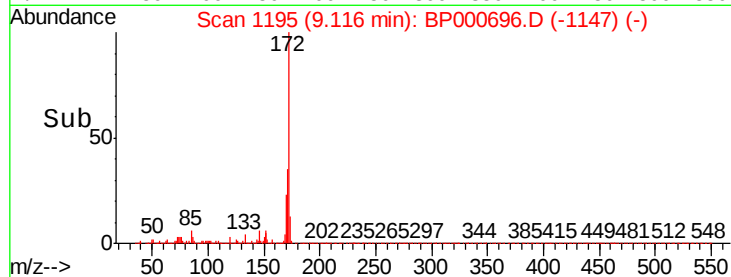
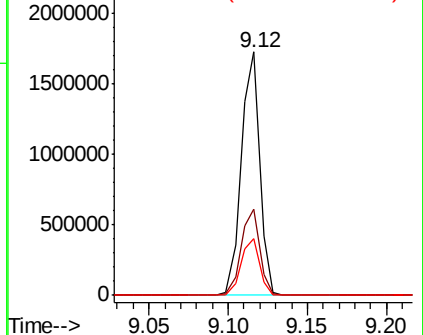
#45  
2-Fluorobiphenyl  
Concen: 52.728 ng  
RT: 9.12 min Scan# 1195  
Delta R.T. -0.02 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:172 Resp: 1390888  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.4 42.6  
170 23.5 19.1 28.7

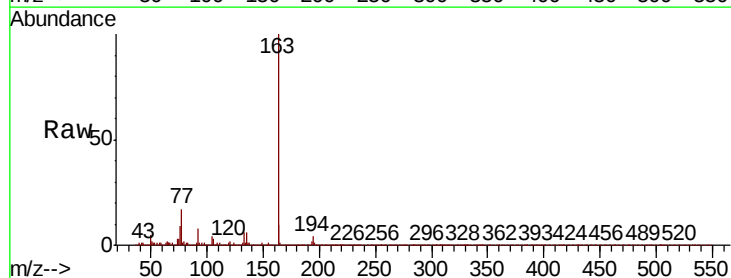


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

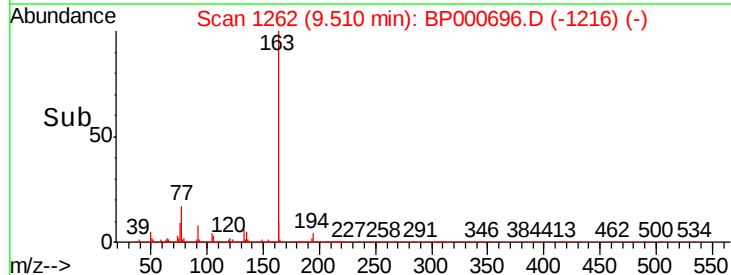
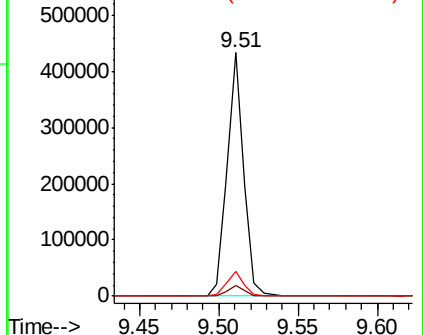


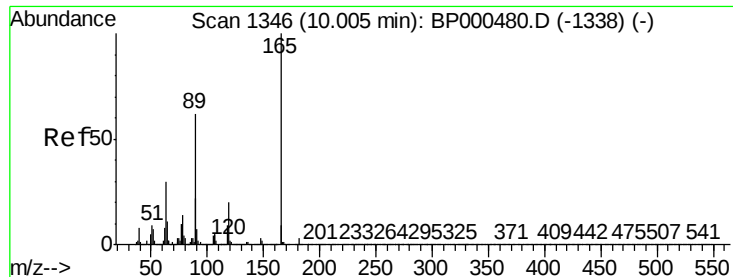
#50  
Dimethylphthalate  
Concen: 10.486 ng  
RT: 9.51 min Scan# 1262  
Delta R.T. -0.03 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

Tgt Ion:163 Resp: 310977  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.4 5.2  
164 10.0 8.0 12.0



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

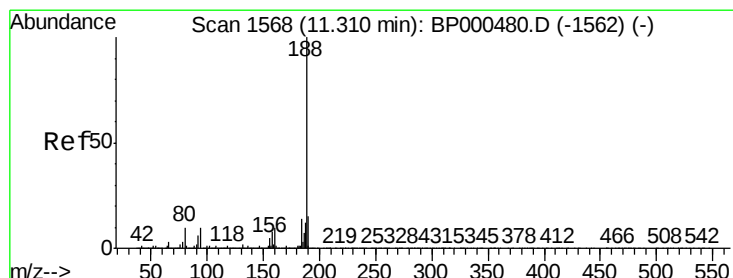
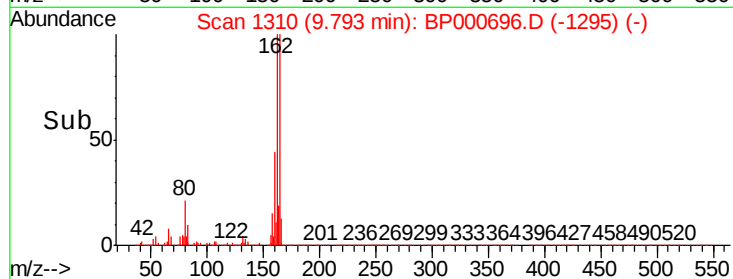
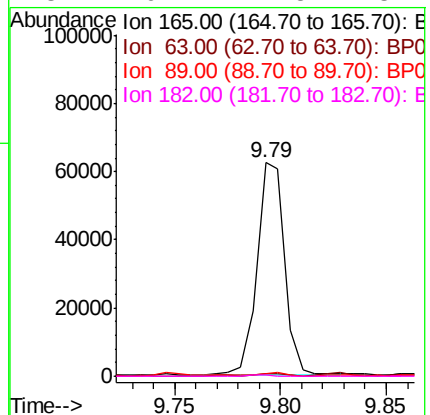
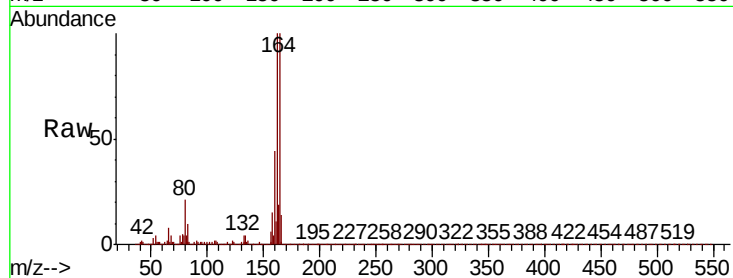




#57  
2,4-Dinitrotoluene  
Concen: 6.557 ng  
RT: 9.79 min Scan# 1310  
Delta R.T. -0.21 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

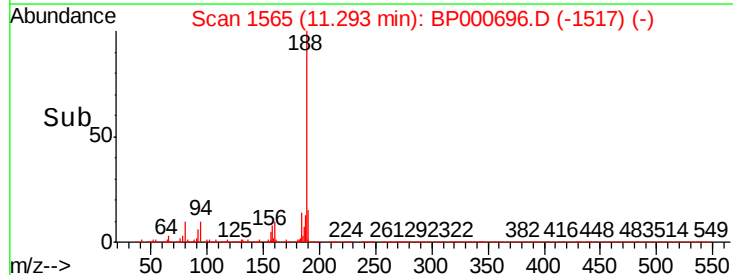
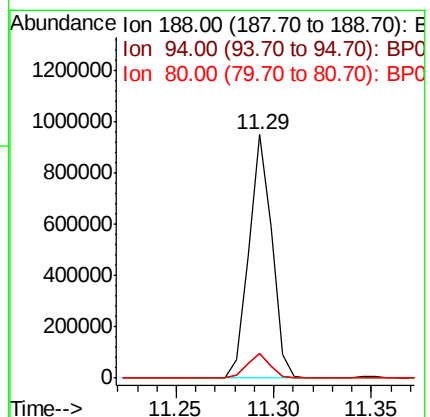
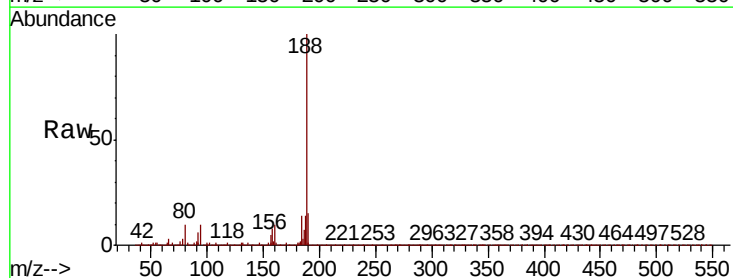
Instrument :  
BNA\_P  
ClientSampleId :

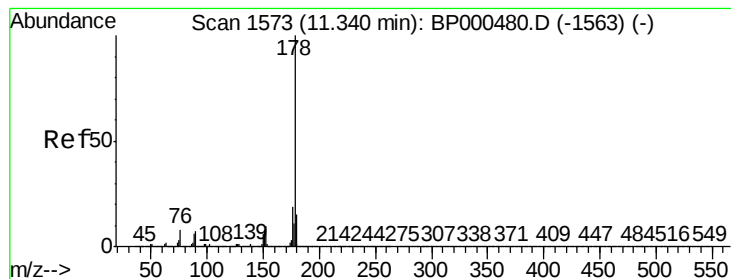
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.2   | 24.2  | 36.4# |
| 89      | 1.5   | 49.4  | 74.0# |
| 182     | 0.4   | 2.5   | 3.7#  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. -0.02 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.0  | 8.2   | 12.2  |
| 80      | 10.1  | 8.3   | 12.5  |





#71

Phenanthrene

Concen: 2.785 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

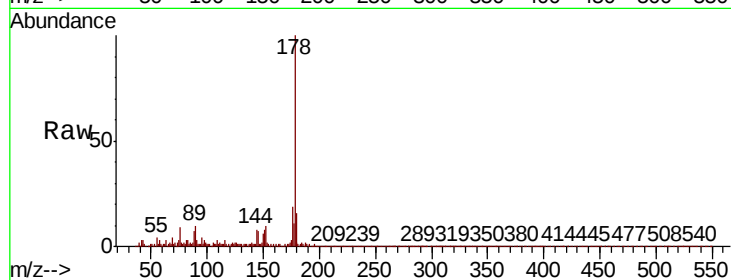
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:178 Resp: 107945

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.6  | 15.4  | 23.2  |
| 179 | 16.4  | 12.2  | 18.4  |

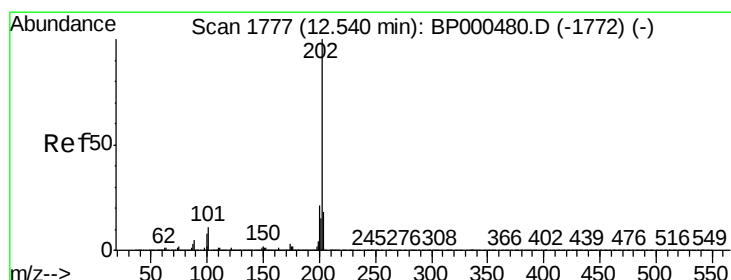
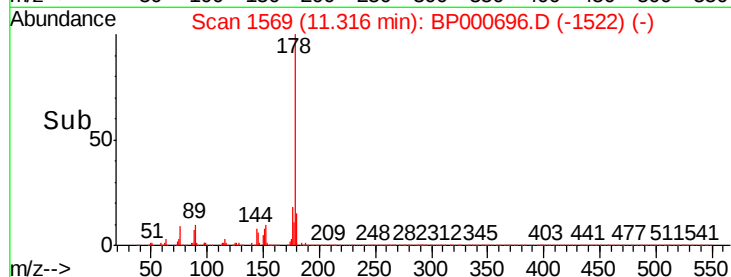
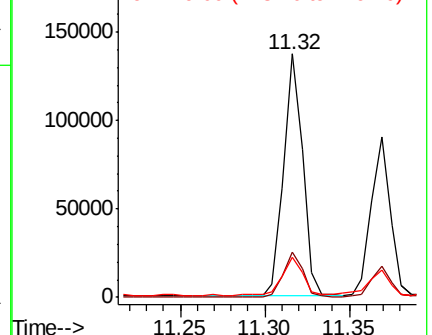


Abundance

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



#75

Fluoranthene

Concen: 8.211 ng

RT: 12.52 min Scan# 1774

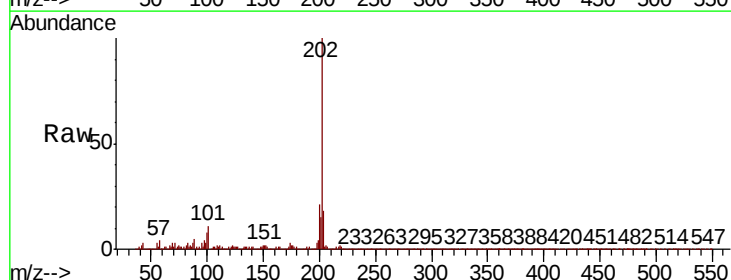
Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Tgt Ion:202 Resp: 357437

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 10.7  | 0.0   | 31.3  |
| 203 | 17.8  | 0.0   | 38.1  |

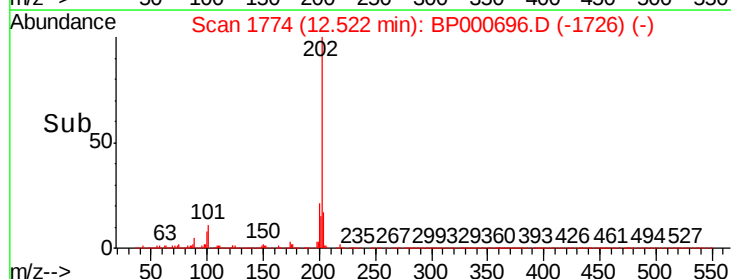
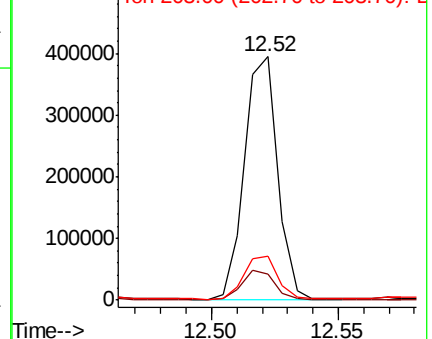


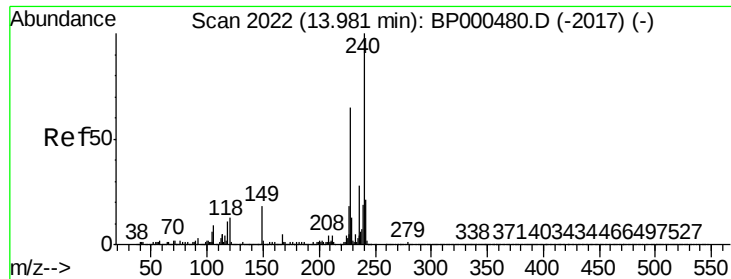
Abundance

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

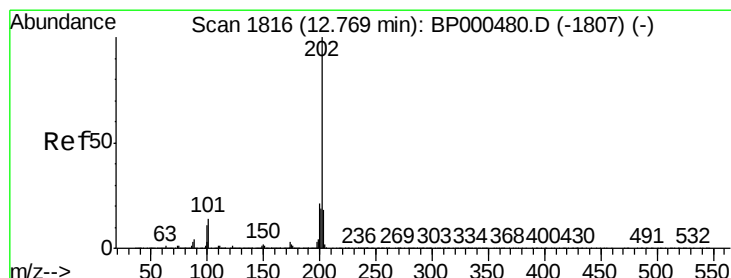
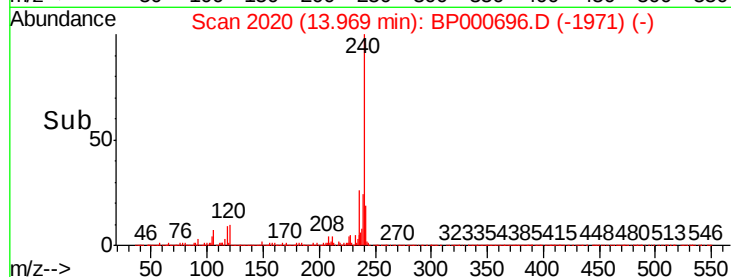
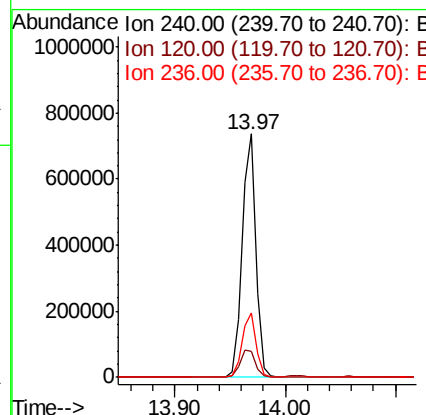
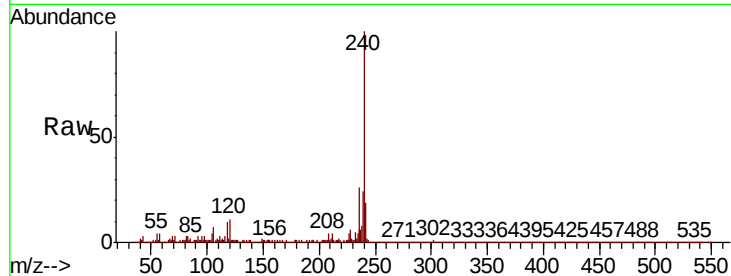




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. -0.01 min  
 Lab File: BP000696.D  
 Acq: 13 Oct 2019 02:51

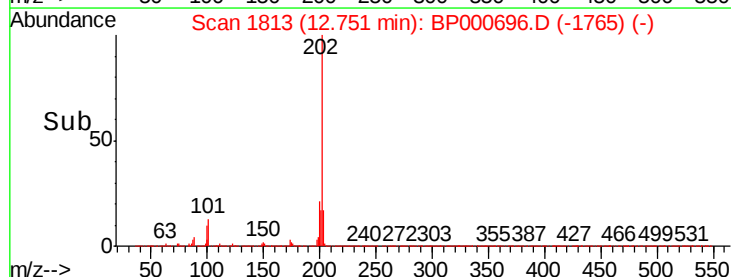
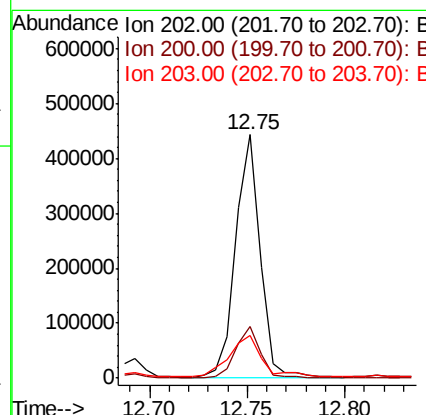
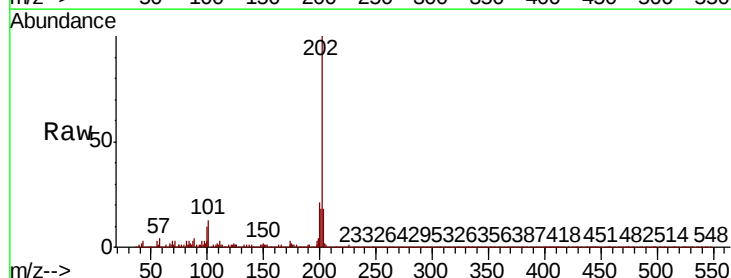
Instrument :  
 BNA\_P  
 ClientSampleId :

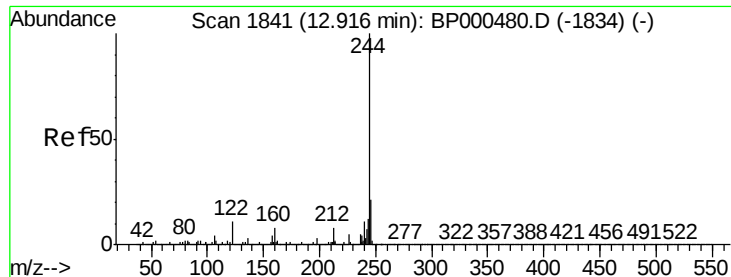
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.8  | 10.1  | 15.1  |
| 236     | 26.4  | 22.7  | 34.1  |



#78  
 Pyrene  
 Concen: 8.684 ng  
 RT: 12.75 min Scan# 1813  
 Delta R.T. -0.02 min  
 Lab File: BP000696.D  
 Acq: 13 Oct 2019 02:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 17.1  | 25.7  |
| 203     | 17.8  | 14.6  | 21.8  |





#79

Terphenyl-d14

Concen: 50.797 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Instrument :

BNA\_P

ClientSampled :

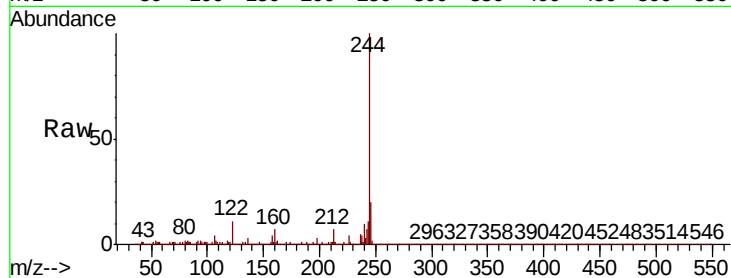
Tot Ion:244 Resp: 1603909

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

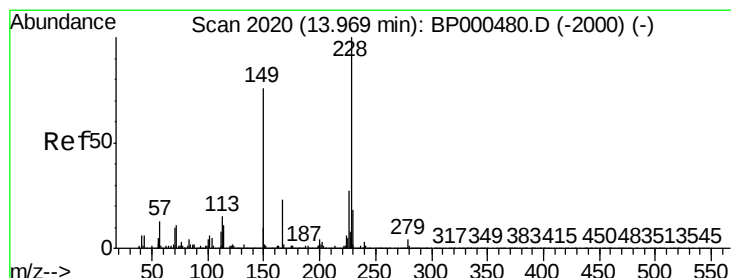
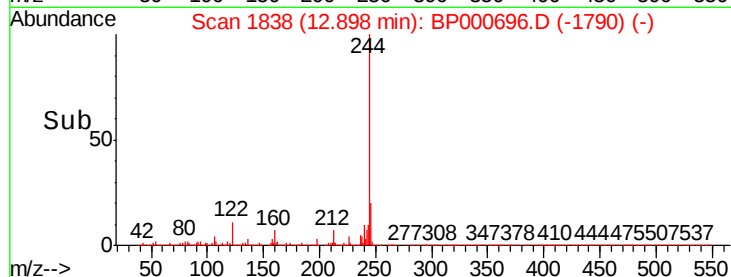
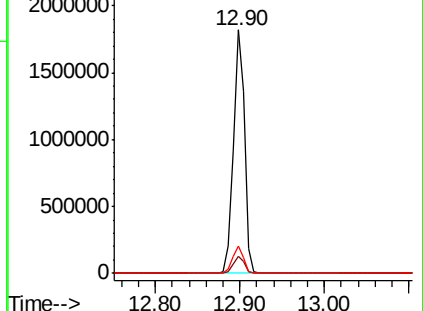
122 11.5 8.9 13.3



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: 5.801 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

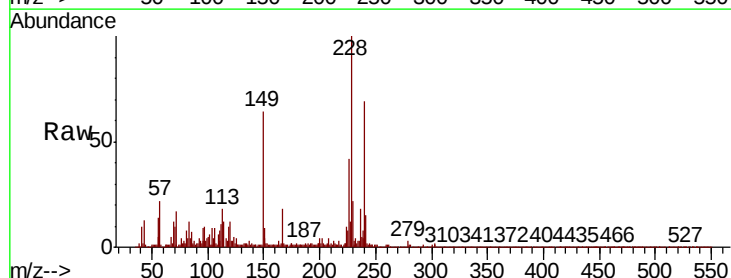
Tgt Ion:228 Resp: 226286

Ion Ratio Lower Upper

228 100

226 41.8 21.4 32.2#

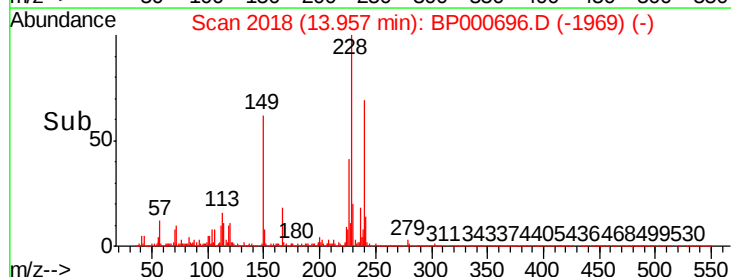
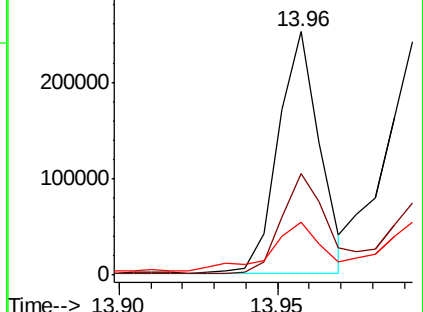
229 21.8 14.7 22.1

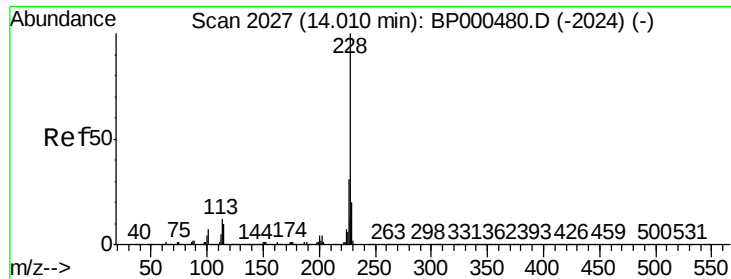


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 6.293 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

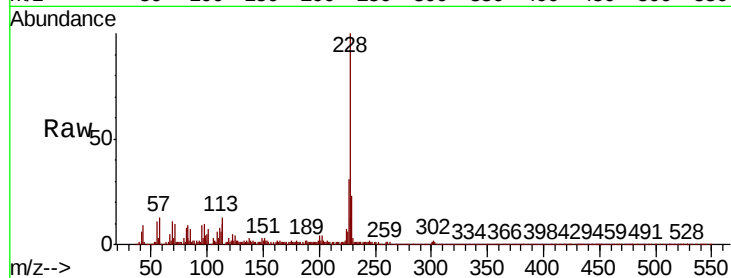
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:228 Resp: 240916

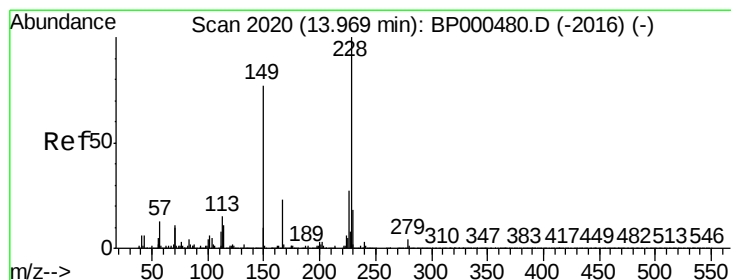
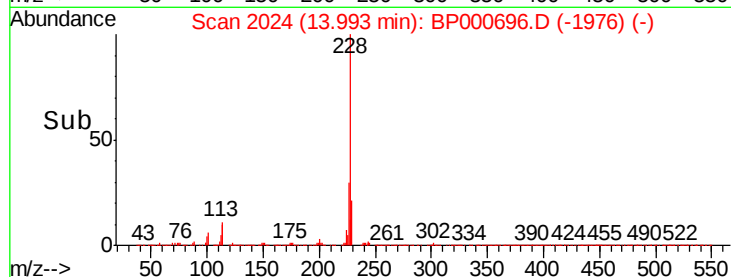
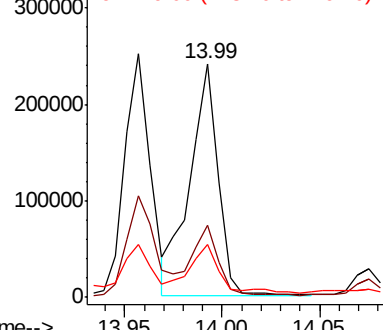
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.8  | 24.7  | 37.1  |
| 229 | 22.5  | 16.3  | 24.5  |



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.666 ng

RT: 13.96 min Scan# 2018

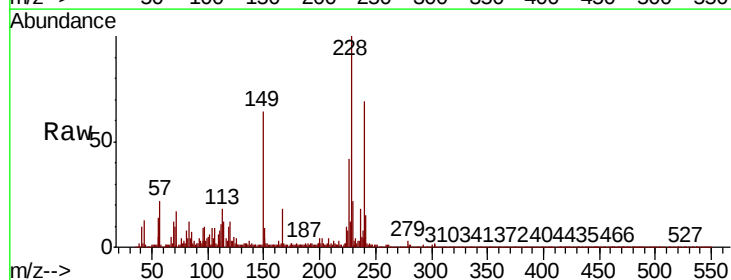
Delta R.T. -0.01 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Tgt Ion:149 Resp: 136911

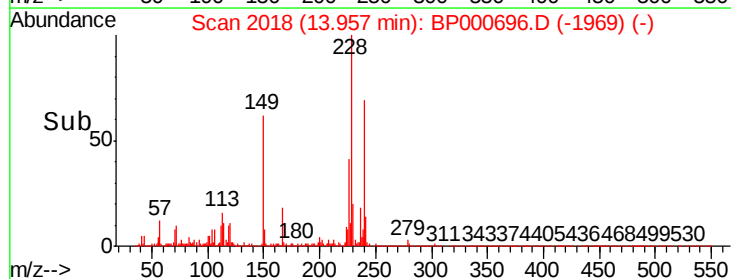
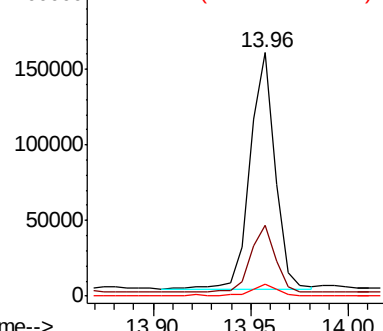
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.8  | 23.6  | 35.4  |
| 279 | 5.0   | 3.9   | 5.9   |

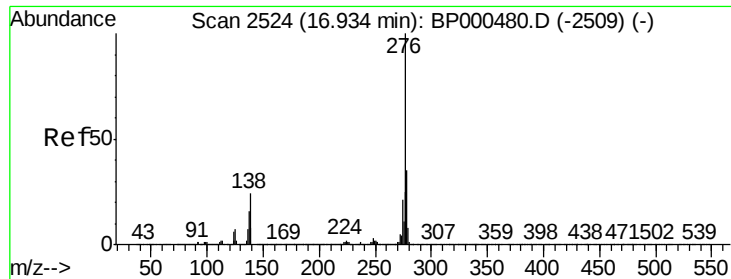


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

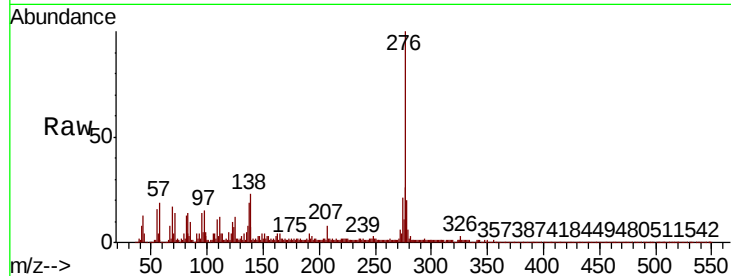




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.357 ng  
 RT: 16.90 min Scan# 2519  
 Delta R.T. -0.03 min  
 Lab File: BP000696.D  
 Acq: 13 Oct 2019 02:51

Instrument :  
 BNA\_P  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.2  | 20.9  | 31.3  |
| 277     | 24.9  | 20.6  | 30.8  |

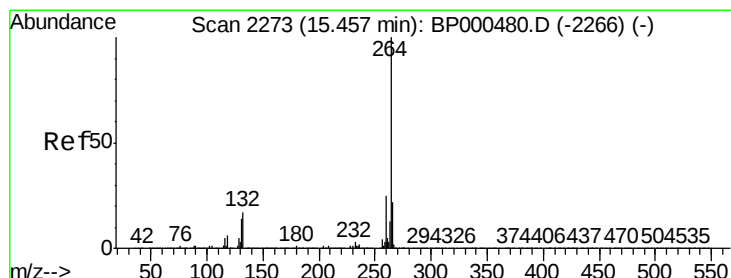
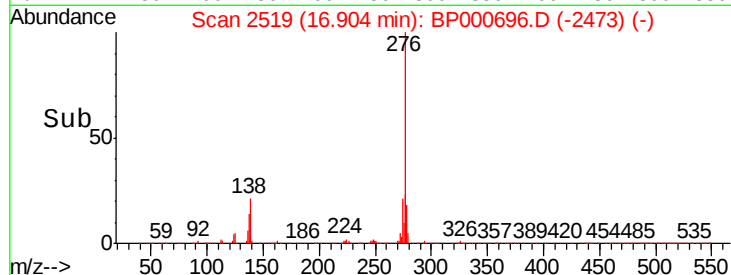
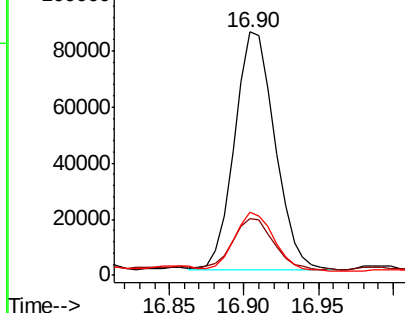


Abundance

Ion 276.00 (275.70 to 276.70): E

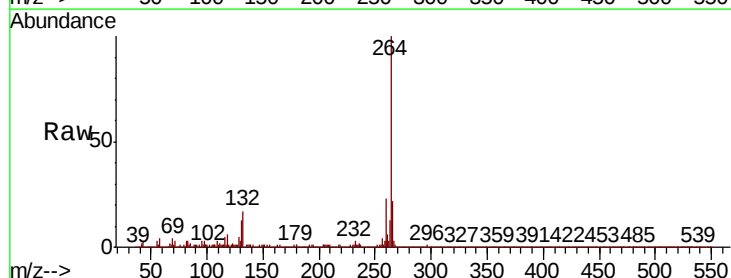
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.45 min Scan# 2271  
 Delta R.T. -0.01 min  
 Lab File: BP000696.D  
 Acq: 13 Oct 2019 02:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 20.3  | 30.5  |
| 265     | 21.5  | 18.0  | 27.0  |

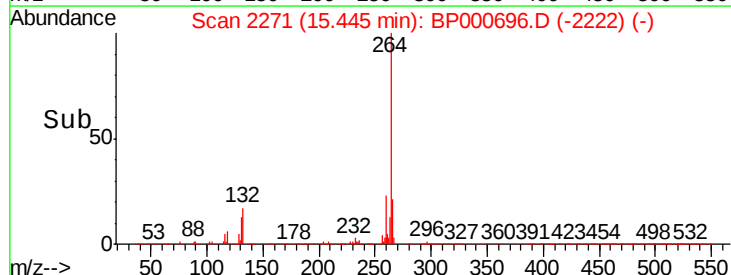
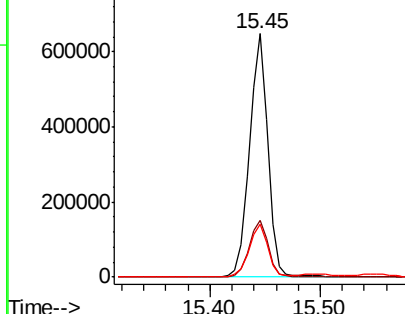


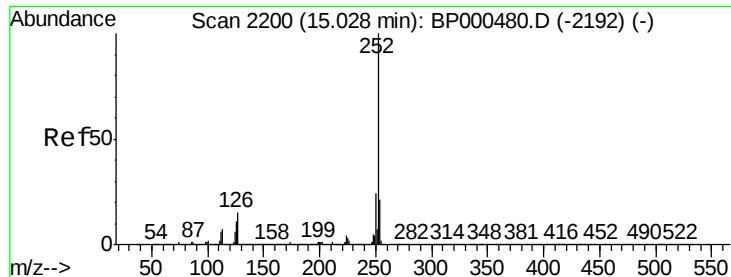
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 9.926 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Instrument :

BNA\_P

ClientSampleId :

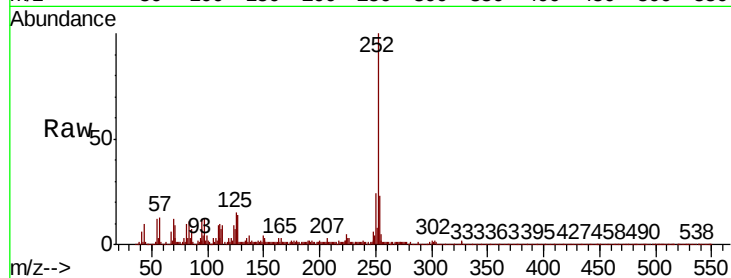
Tot Ion:252 Resp: 426102

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.4

125 14.9 8.9 13.3#

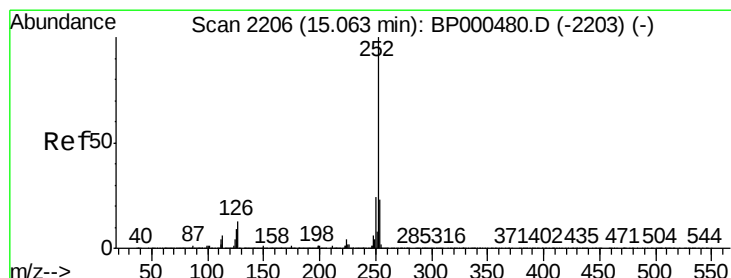
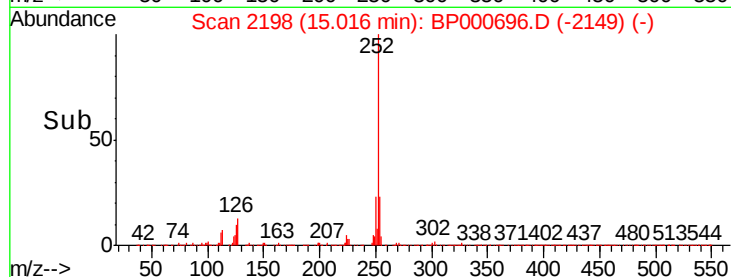
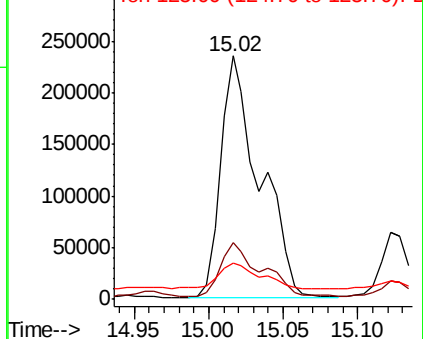


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 10.426 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.05 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

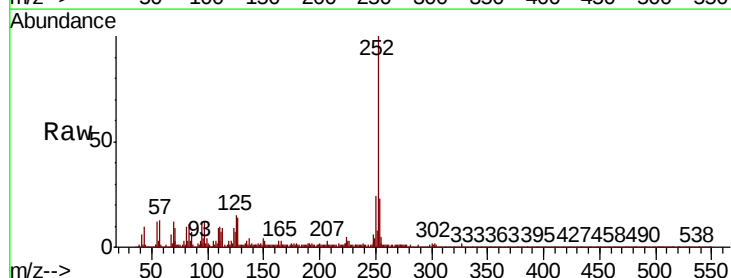
Tgt Ion:252 Resp: 426102

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

125 14.9 7.8 11.8#

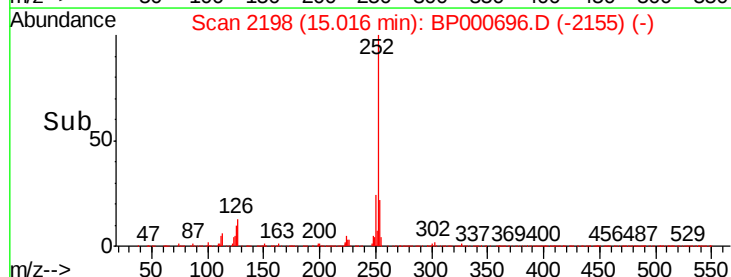
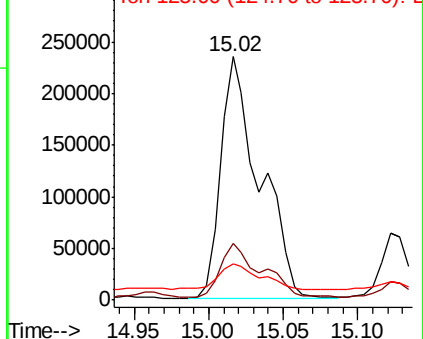


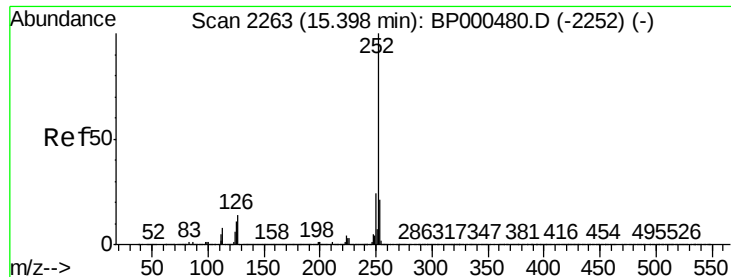
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

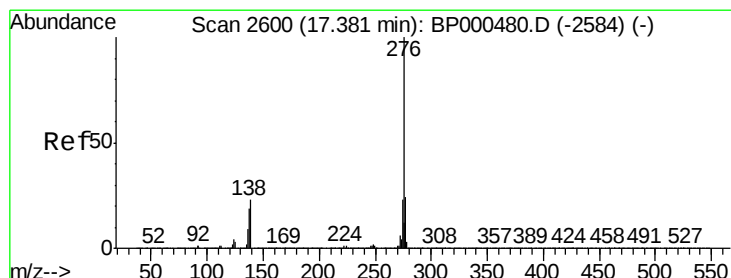
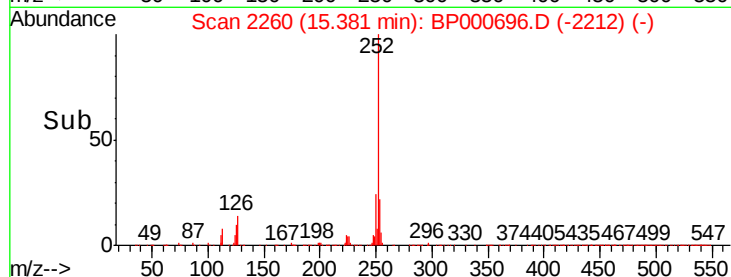
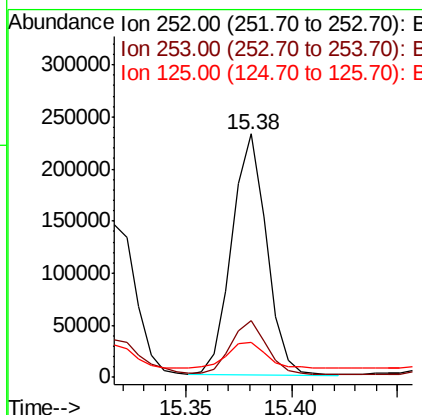
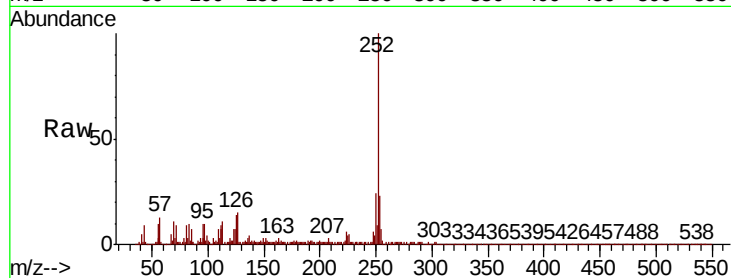




#90  
Benzo(a)pyrene  
Concen: 6.587 ng  
RT: 15.38 min Scan# 2260  
Delta R.T. -0.02 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 17.0  | 25.6  |
| 125     | 14.5  | 8.4   | 12.6  |



#92  
Benzo(g,h,i)perylene  
Concen: 4.156 ng  
RT: 17.35 min Scan# 2595  
Delta R.T. -0.03 min  
Lab File: BP000696.D  
Acq: 13 Oct 2019 02:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.7  | 19.4  | 29.2  |
| 138     | 23.7  | 18.5  | 27.7  |

