

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
 Data File : BP002525.D  
 Acq On : 24 Jun 2020 16:27  
 Operator : CG/JU  
 Sample : L3089-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RB47185-RT

Quant Time: Jun 24 17:32:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 24 13:54:06 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 179897   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.35 | 136  | 707435   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.23 | 164  | 406987   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.99 | 188  | 835837   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.09 | 240  | 704308   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.29 | 264  | 732012   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.20  | 112  | 1187737  | 122.17 | ng    | 0.00     |
| 7) Phenol-d6                | 6.78  | 99   | 1276547  | 98.62  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.73  | 82   | 1264282  | 106.73 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.73 | 330  | 618609   | 158.76 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.85 | 172  | 2484903  | 102.66 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.57 | 244  | 3216459  | 133.09 | ng    | 0.00     |

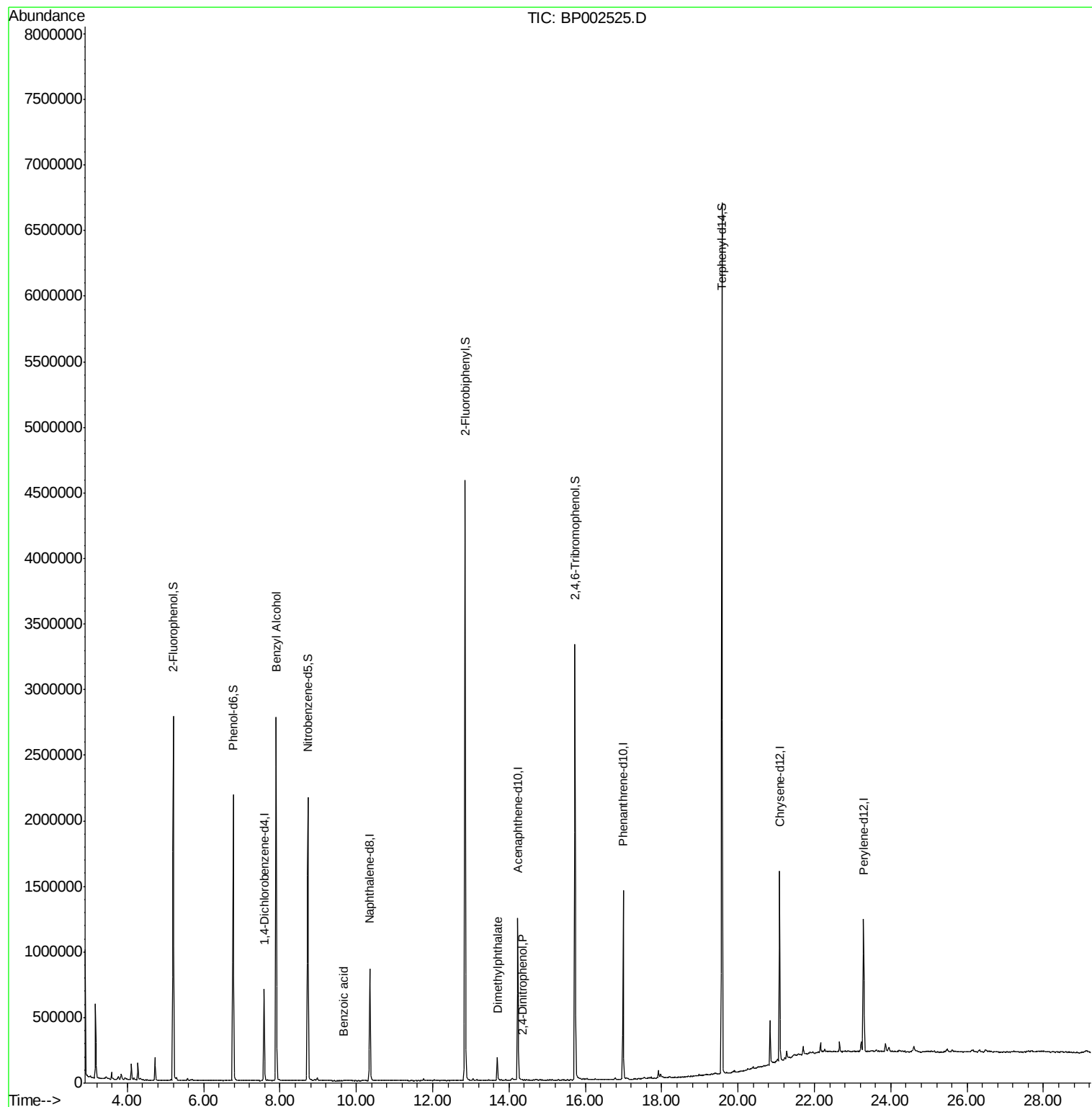
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 9) Benzaldehyde                | 6.72  | 77   | 170      | Below Cal | #     | 62     |
| 15) Benzyl Alcohol             | 7.90  | 79   | 22011    | 2.194 ng  | #     | 45     |
| 32) Benzoic acid               | 9.67  | 122  | 818      | 4.700 ng  | #     | 87     |
| 50) Dimethylphthalate          | 13.69 | 163  | 121097   | 4.342 ng  |       | 97     |
| 54) 2,4-Dinitrophenol          | 14.35 | 184  | 35       | 2.795 ng  | #     | 1      |
| 61) 4-Chlorophenyl-phenylether | 15.29 | 204  | 105      | Below Cal | #     | 73     |

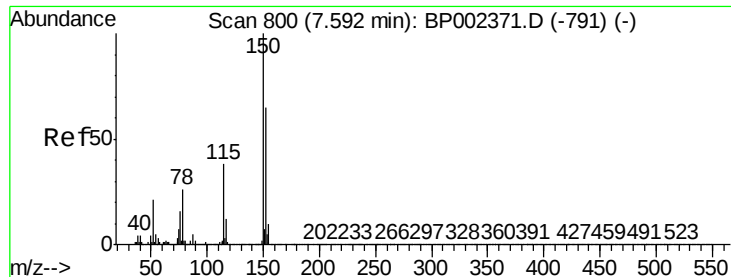
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
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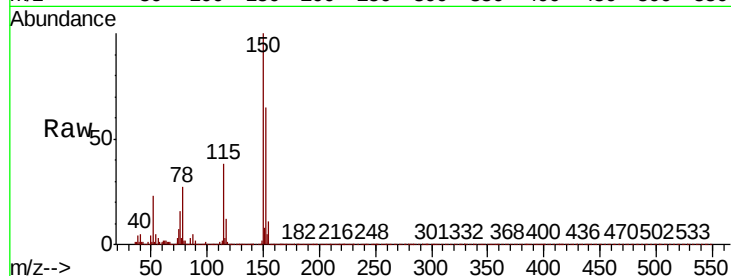


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.58 min Scan# 798  
Delta R.T. -0.00 min  
Lab File: BP002525.D  
Acq: 24 Jun 2020 16:27

Instrument :  
BNA\_P  
ClientSampleId :  
RB47185-RT

| Tot Ion | 152   | Resp  | 179897 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 152     | 100   |       |        |
| 150     | 152.9 | 124.4 | 186.6  |
| 115     | 58.8  | 47.8  | 71.6   |

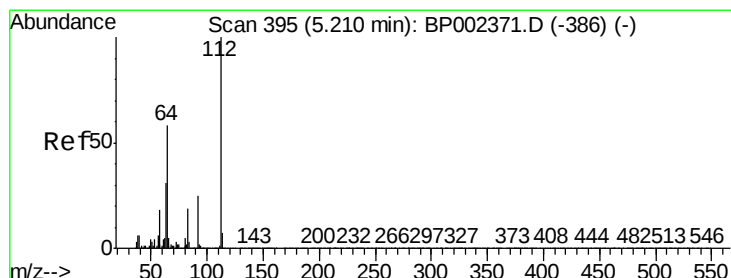
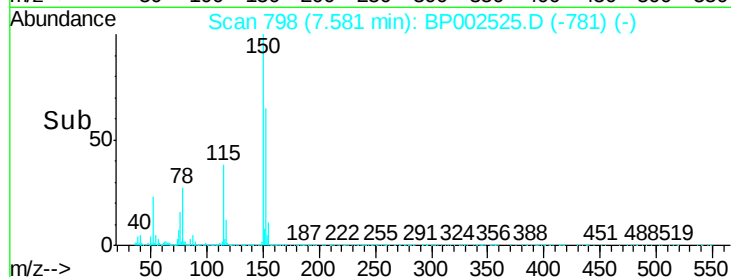
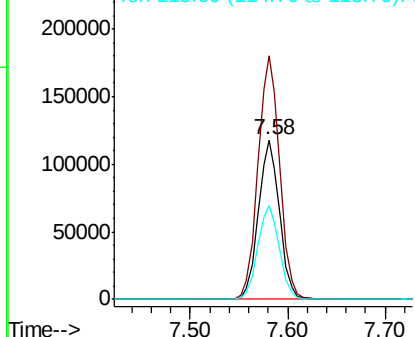


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

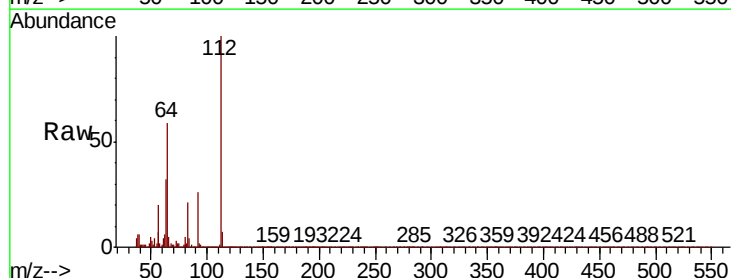
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 122.170 ng  
RT: 5.20 min Scan# 394  
Delta R.T. -0.00 min  
Lab File: BP002525.D  
Acq: 24 Jun 2020 16:27

| Tgt Ion | 112   | Resp  | 1187737 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 112     | 100   |       |         |
| 64      | 58.7  | 46.4  | 69.6    |
| 63      | 32.4  | 25.0  | 37.6    |

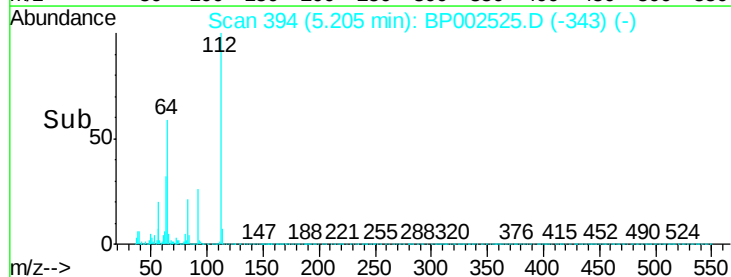
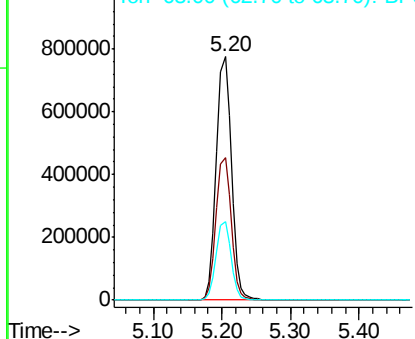


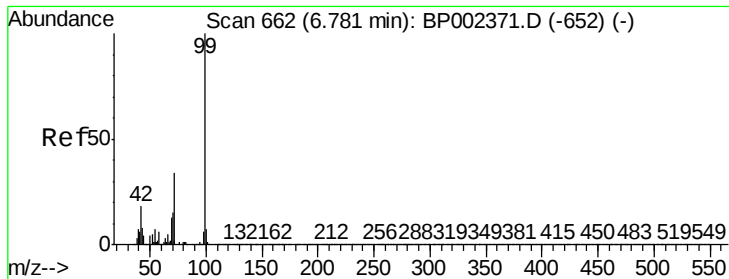
Abundance

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: 98.623 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.00 min

Lab File: BP002525.D

Acq: 24 Jun 2020 16:27

Instrument :

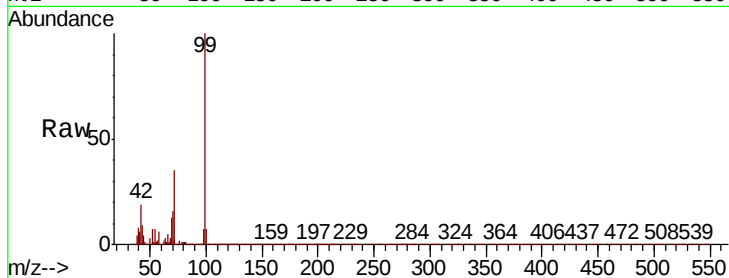
BNA\_P

ClientSampleId :

RB47185-RT

Tot Ion: 99 Resp: 1276547

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.6  | 15.3  | 22.9  |
| 71  | 34.7  | 28.2  | 42.2  |



Abundance

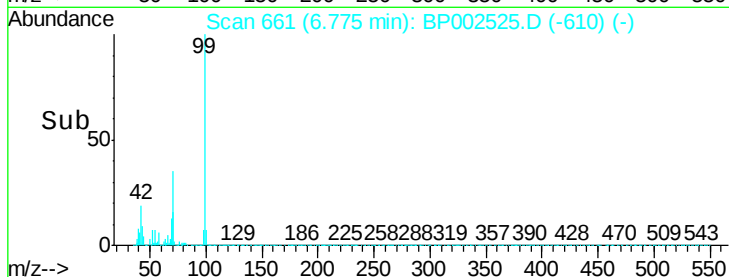
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

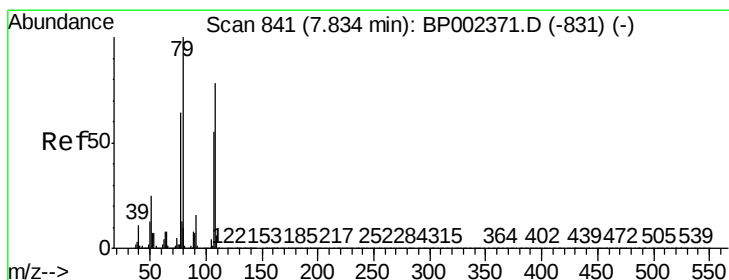
Ion 71.00 (70.70 to 71.70): BP0

6.78

Time-->



Time-->



#15

Benzyl Alcohol

Concen: 2.194 ng

RT: 7.90 min Scan# 852

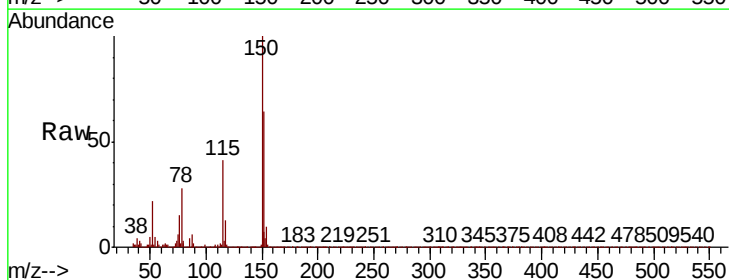
Delta R.T. 0.08 min

Lab File: BP002525.D

Acq: 24 Jun 2020 16:27

Tgt Ion: 79 Resp: 22011

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 37.8  | 60.2  | 90.4# |
| 77  | 117.0 | 50.6  | 76.0# |



Abundance

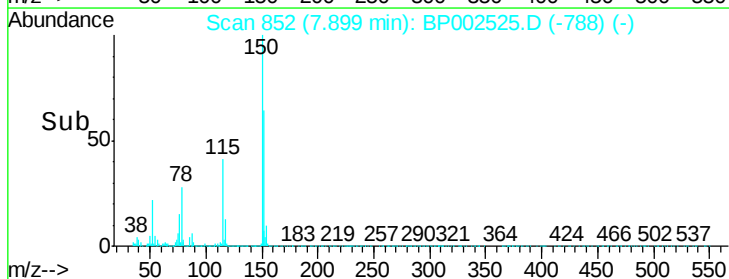
Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

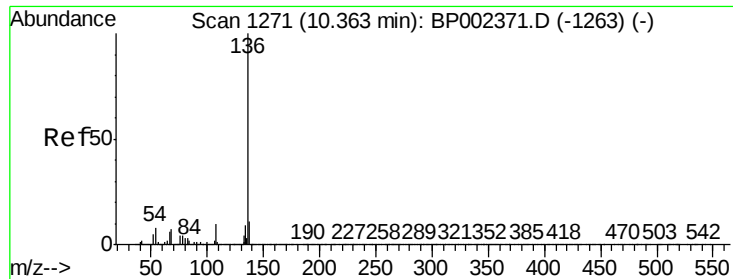
Ion 77.00 (76.70 to 77.70): BP0

7.90

Time-->



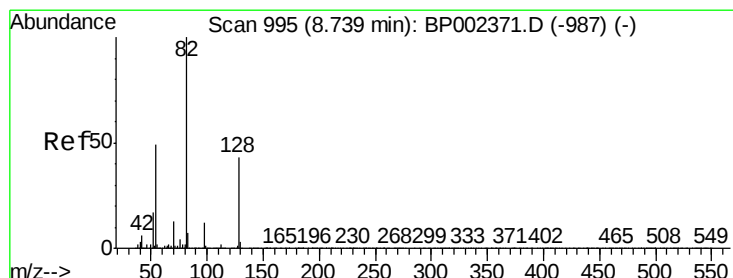
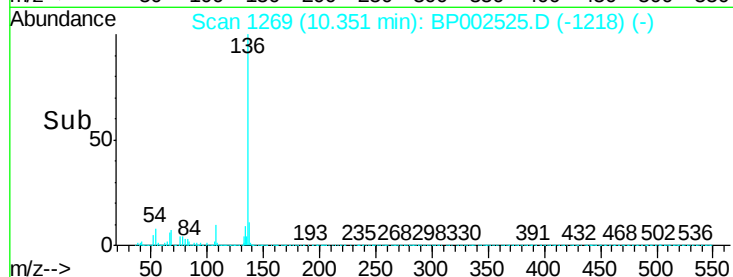
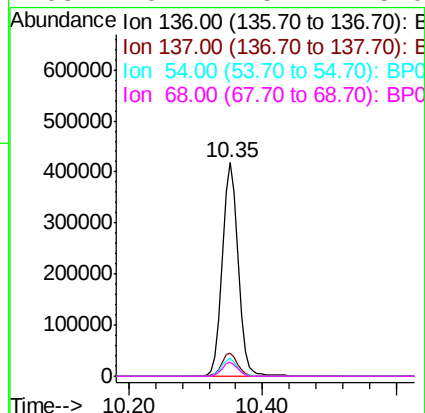
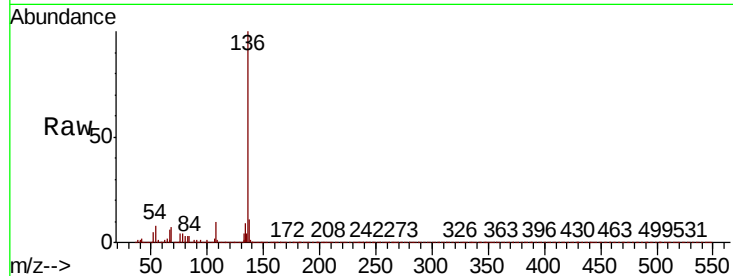
Time-->



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.35 min Scan# 1269  
Delta R.T. -0.00 min  
Lab File: BP002525.D  
Acq: 24 Jun 2020 16:27

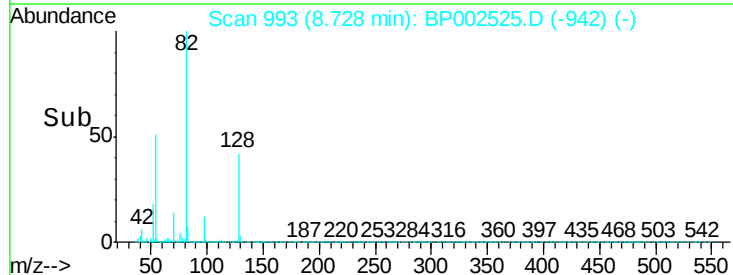
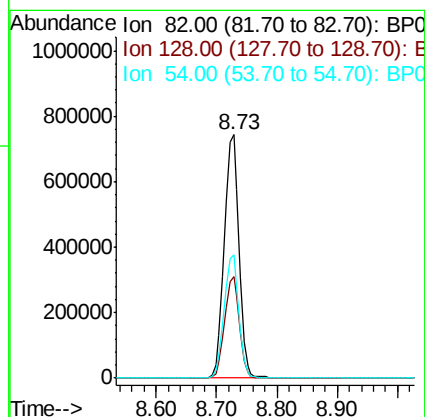
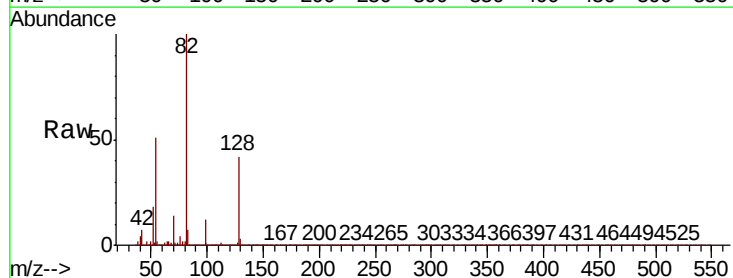
Instrument :  
BNA\_P  
ClientSampleId :  
RB47185-RT

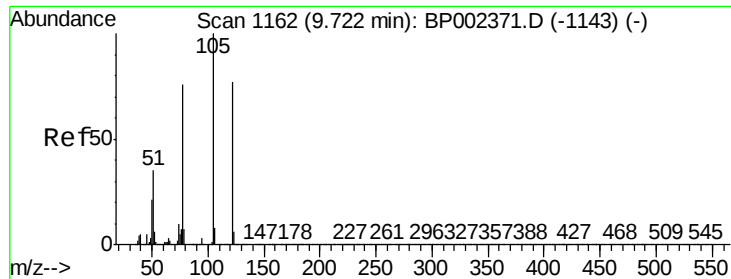
| Tot Ion:136 | Resp: | 707435      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.7  | 8.9 13.3    |
| 54          | 8.1   | 6.6 10.0    |
| 68          | 6.7   | 5.4 8.0     |



#23  
Nitrobenzene-d5  
Concen: 106.726 ng  
RT: 8.73 min Scan# 993  
Delta R.T. -0.00 min  
Lab File: BP002525.D  
Acq: 24 Jun 2020 16:27

| Tgt Ion: 82 | Resp: | 1264282     |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 41.6  | 32.8 49.2   |
| 54          | 50.8  | 39.9 59.9   |

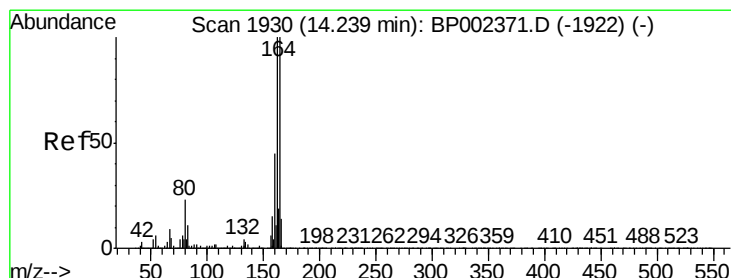
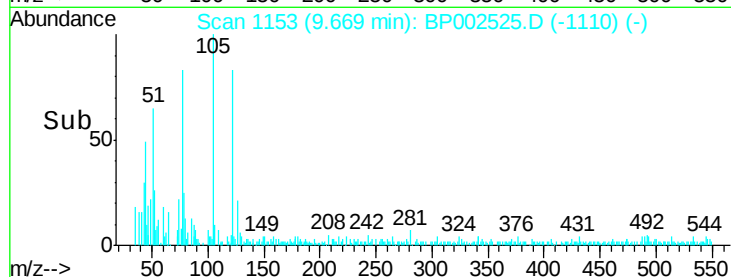
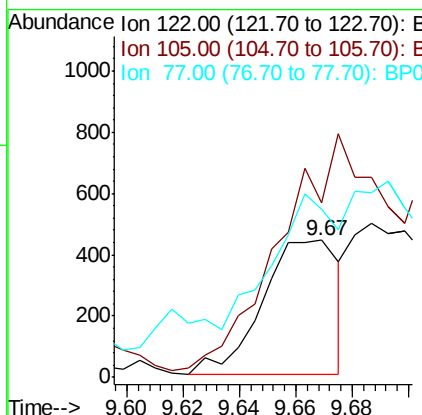
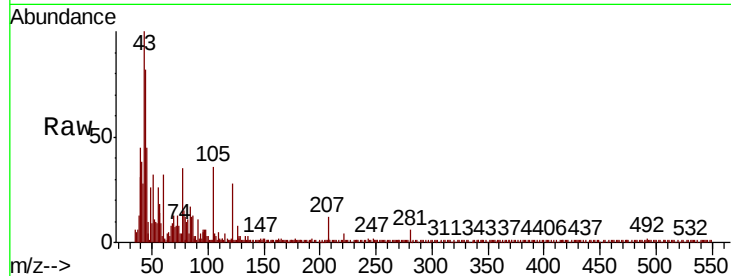




#32  
Benzoic acid  
Concen: 4.700 ng  
RT: 9.67 min Scan# 1153  
Delta R.T. -0.05 min  
Lab File: BP002525.D  
Acq: 24 Jun 2020 16:27

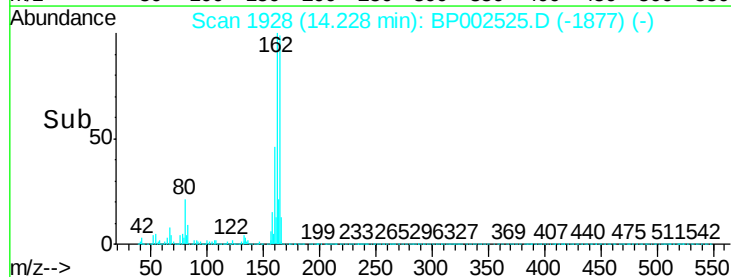
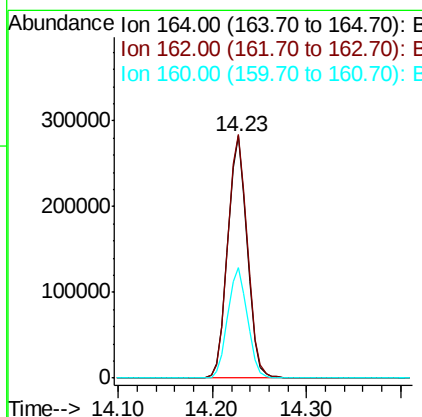
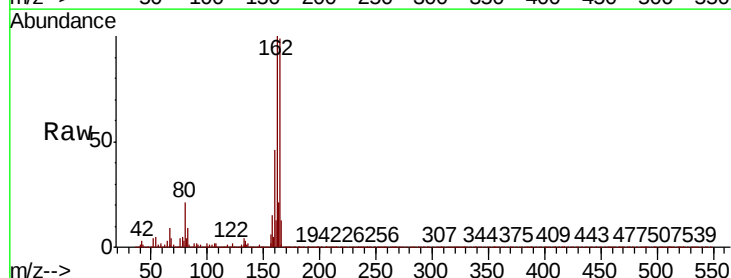
Instrument :  
BNA\_P  
ClientSampleId :  
RB47185-RT

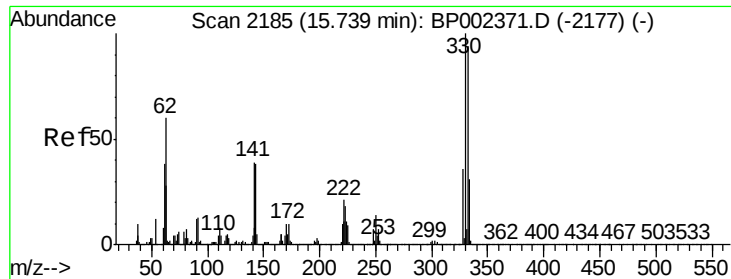
Tot Ion:122 Resp: 818  
Ion Ratio Lower Upper  
122 100  
105 127.7 105.0 145.0  
77 122.8 76.9 116.9#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.23 min Scan# 1928  
Delta R.T. -0.00 min  
Lab File: BP002525.D  
Acq: 24 Jun 2020 16:27

Tgt Ion:164 Resp: 406987  
Ion Ratio Lower Upper  
164 100  
162 100.7 80.6 121.0  
160 45.9 35.4 53.2

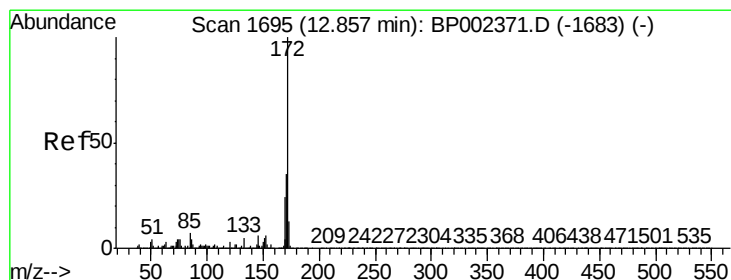
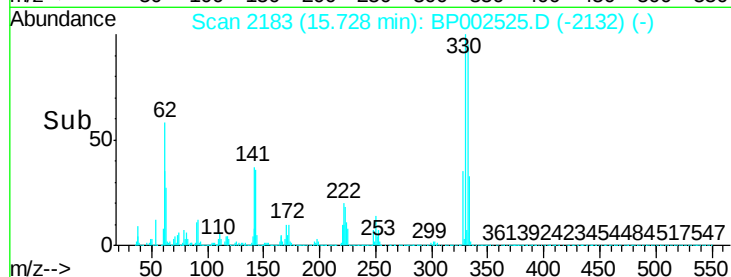
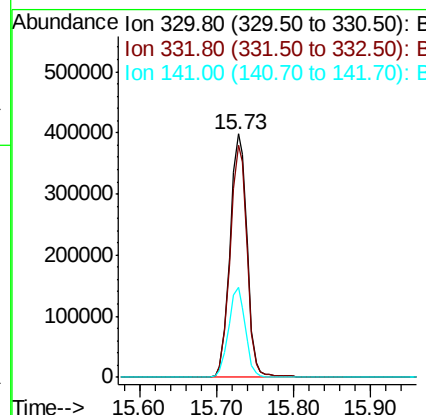
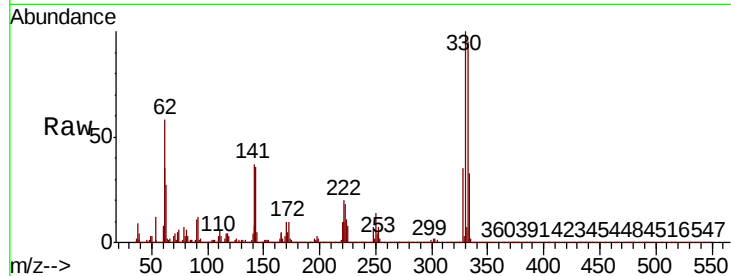




#42  
2,4,6-Tribromophenol  
Concen: 158.756 ng  
RT: 15.73 min Scan# 2183  
Delta R.T. -0.00 min  
Lab File: BP002525.D  
Acq: 24 Jun 2020 16:27

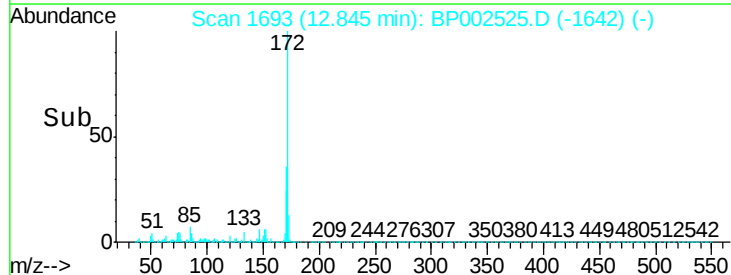
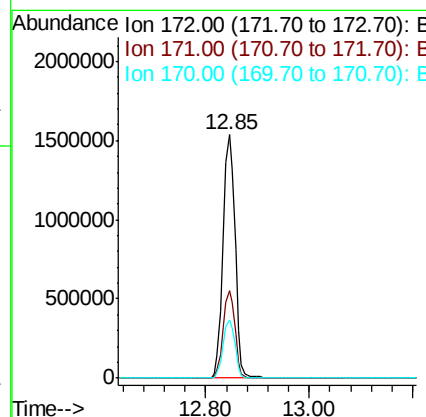
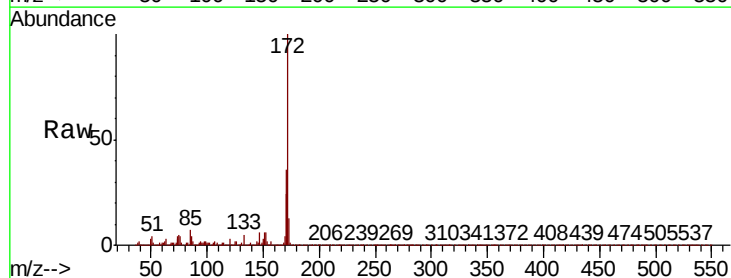
Instrument :  
BNA\_P  
ClientSampleId :  
RB47185-RT

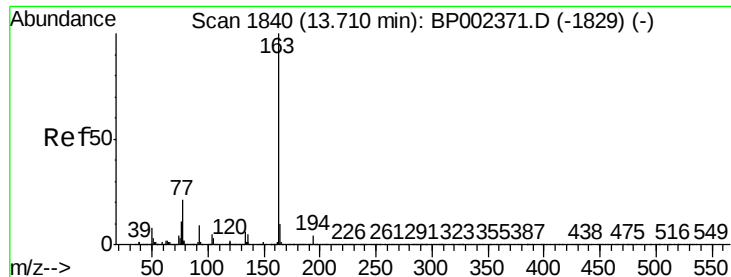
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.1  | 77.2  | 115.8 |
| 141     | 36.3  | 30.4  | 45.6  |



#45  
2-Fluorobiphenyl  
Concen: 102.661 ng  
RT: 12.85 min Scan# 1693  
Delta R.T. -0.00 min  
Lab File: BP002525.D  
Acq: 24 Jun 2020 16:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 27.9  | 41.9  |
| 170     | 23.8  | 19.0  | 28.6  |





#50

Dimethylphthalate

Concen: 4.342 ng

RT: 13.69 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BP002525.D

Acq: 24 Jun 2020 16:27

Instrument :

BNA\_P

ClientSampled :

RB47185-RT

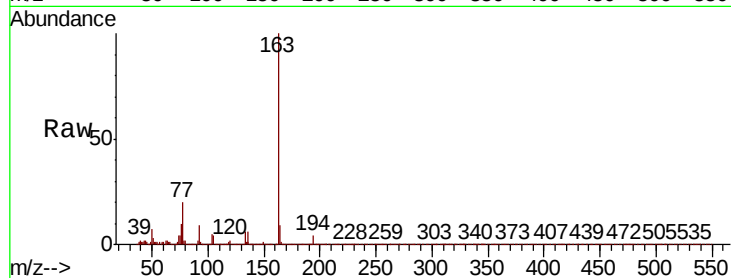
Tot Ion:163 Resp: 121097

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

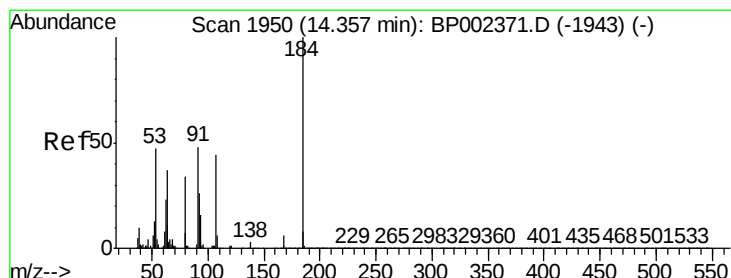
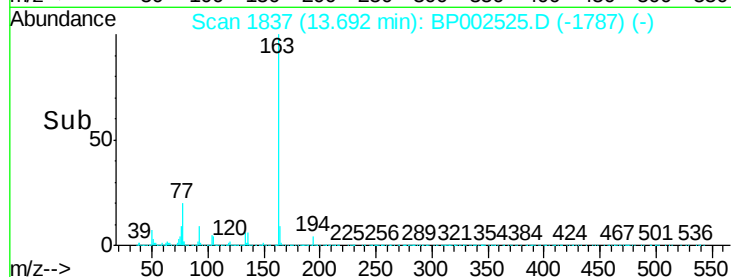
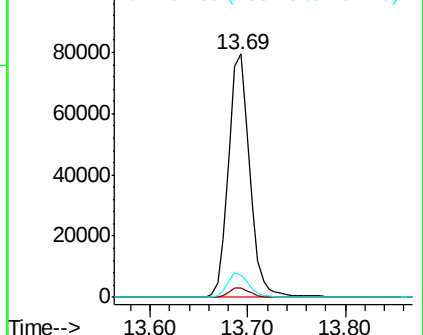
164 9.1 8.2 12.2



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



#54

2,4-Dinitrophenol

Concen: 2.795 ng

RT: 14.35 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BP002525.D

Acq: 24 Jun 2020 16:27

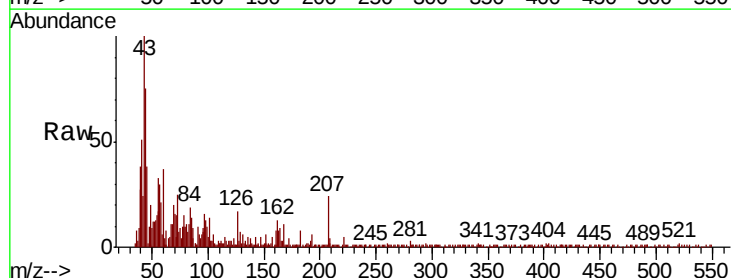
Tgt Ion:184 Resp: 35

Ion Ratio Lower Upper

184 100

63 572.7 51.3 76.9#

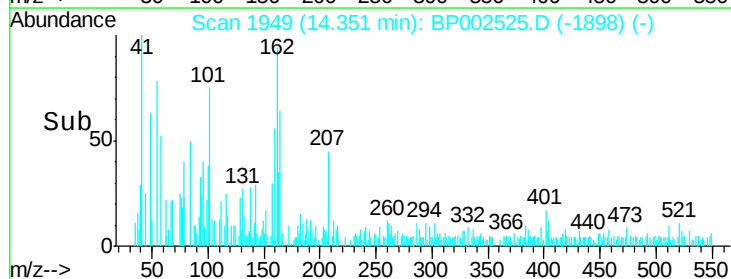
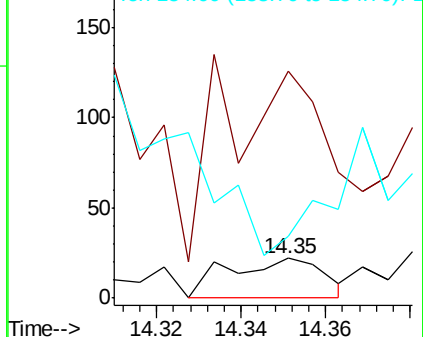
154 154.5 50.2 75.2#

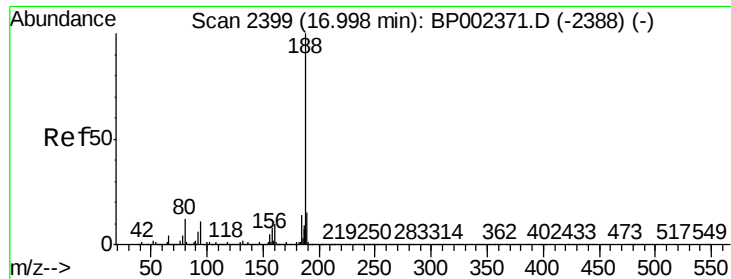


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

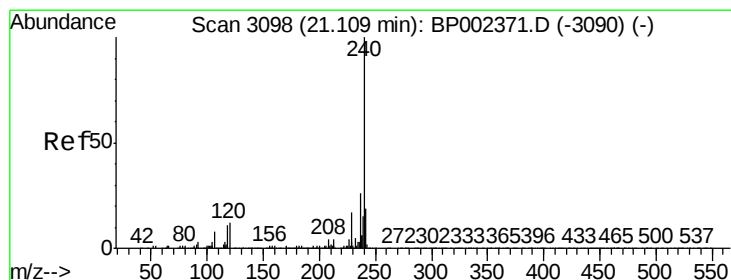
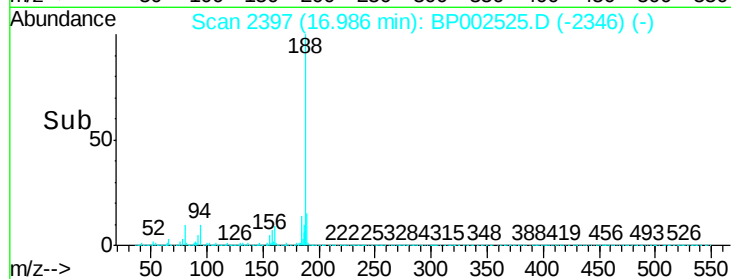
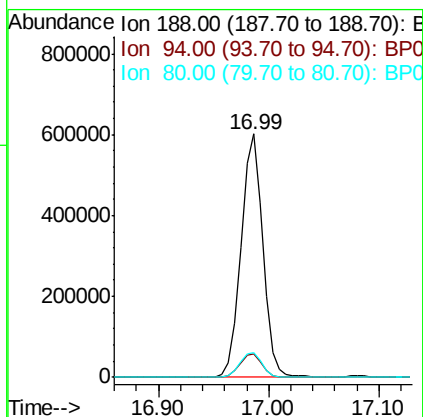
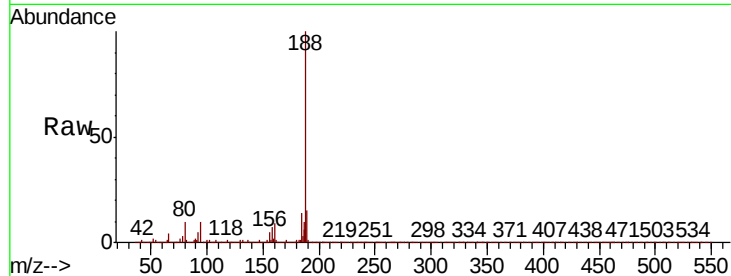




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.99 min Scan# 2397  
Delta R.T. -0.00 min  
Lab File: BP002525.D  
Acq: 24 Jun 2020 16:27

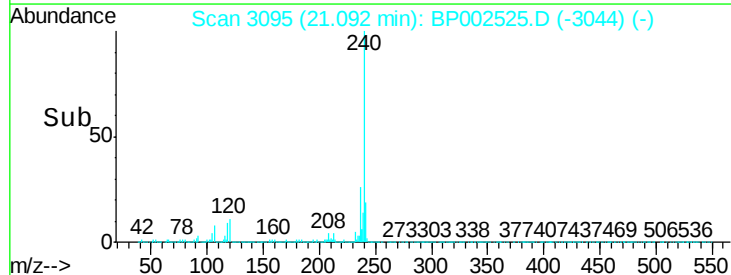
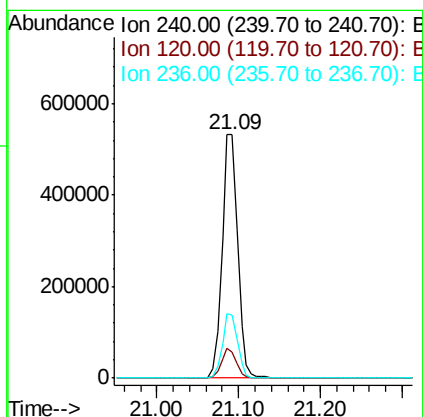
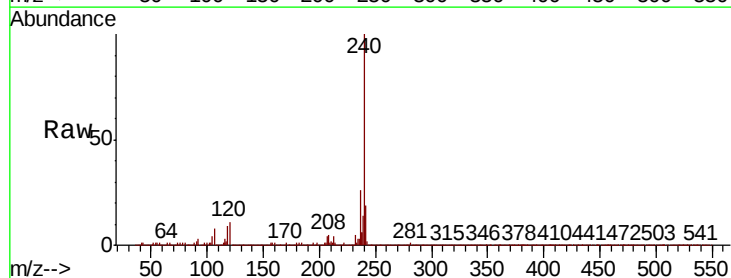
Instrument :  
BNA\_P  
ClientSampleId :  
RB47185-RT

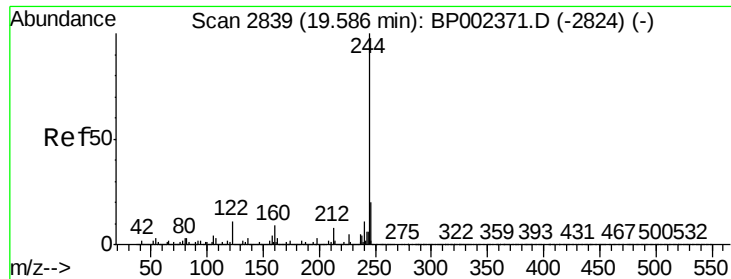
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.7   | 7.6   | 11.4  |
| 80      | 9.9   | 8.3   | 12.5  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.09 min Scan# 3095  
Delta R.T. -0.00 min  
Lab File: BP002525.D  
Acq: 24 Jun 2020 16:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.9  | 8.9   | 13.3  |
| 236     | 26.0  | 21.7  | 32.5  |





#79

Terphenyl-d14

Concen: 133.090 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002525.D

Acq: 24 Jun 2020 16:27

Instrument :

BNA\_P

ClientSampleId :

RB47185-RT

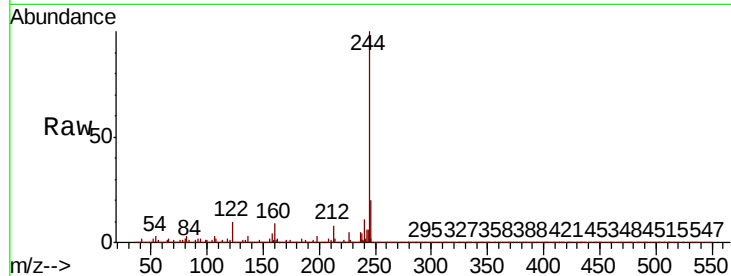
Tot Ion:244 Resp: 3216459

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

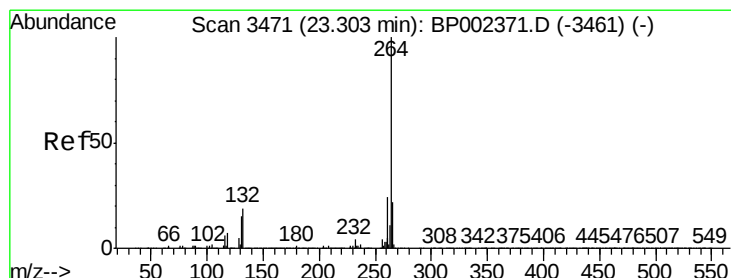
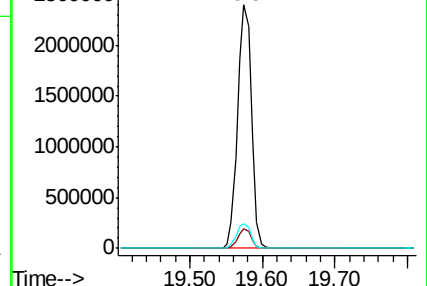
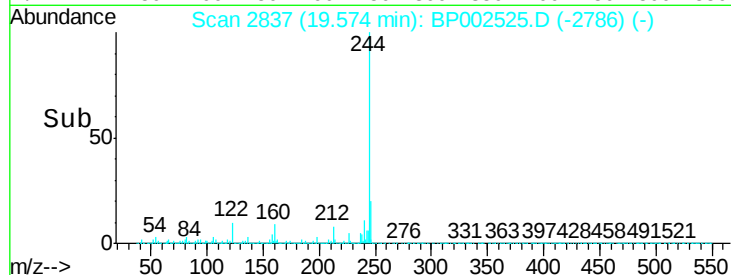
122 10.4 8.0 12.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.00 min

Lab File: BP002525.D

Acq: 24 Jun 2020 16:27

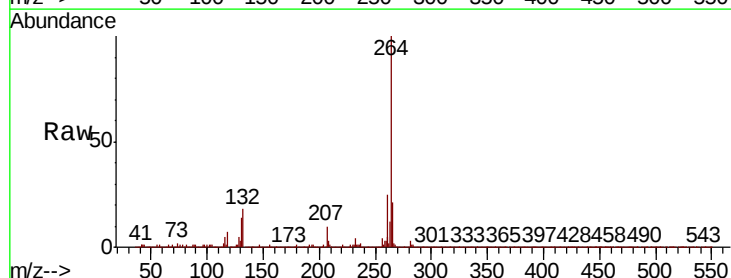
Tgt Ion:264 Resp: 732012

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 21.4 17.6 26.4



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

