

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\  
 Data File : BP002580.D  
 Acq On : 30 Jun 2020 18:02  
 Operator : CG/JU  
 Sample : L3153-43  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SP2-L

Manual Integrations  
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Quant Time: Jul 01 04:31:22 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 29 16:51:57 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.57  | 152  | 110305   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.34 | 136  | 486765   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.22 | 164  | 346038   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 16.98 | 188  | 844197   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.09 | 240  | 935722   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 23.29 | 264  | 869628   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.19  | 112  | 627175   | 96.27  | ng    | 0.00         |
| 7) Phenol-d6                | 6.76  | 99   | 910534   | 100.13 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 8.72  | 82   | 639229   | 67.66  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330  | 462412   | 109.87 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 12.83 | 172  | 1521237  | 64.70  | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.57 | 244  | 2801399  | 64.62  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 32) Benzoic acid            | 9.68  | 122  | 5552m    | 9.537  | ng    | Qvalue<br>99 |
| 50) Dimethylphthalate       | 13.68 | 163  | 307110   | 11.300 | ng    |              |

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

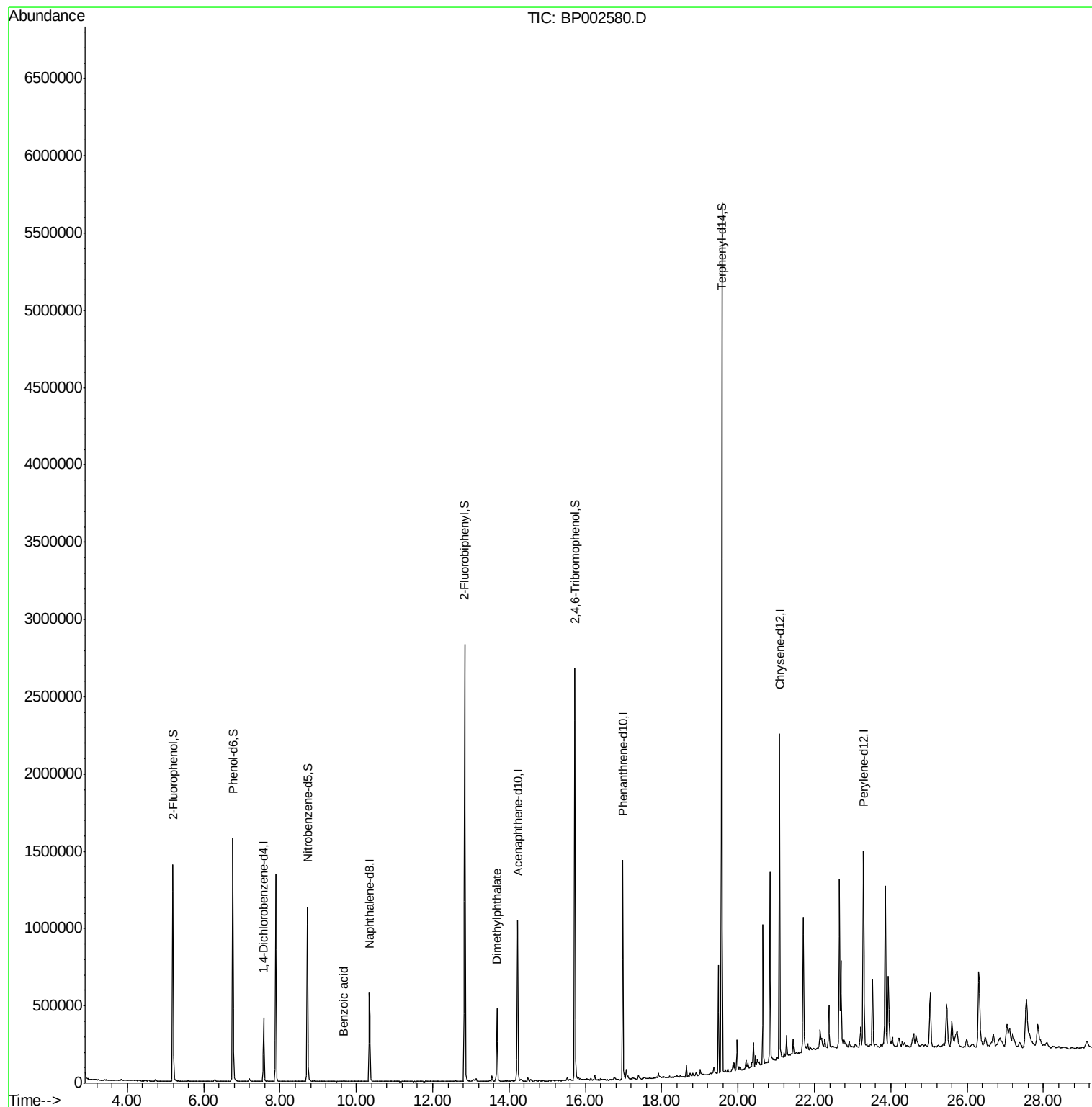
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\  
Data File : BP002580.D  
Acq On : 30 Jun 2020 18:02  
Operator : CG/JU  
Sample : L3153-43  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

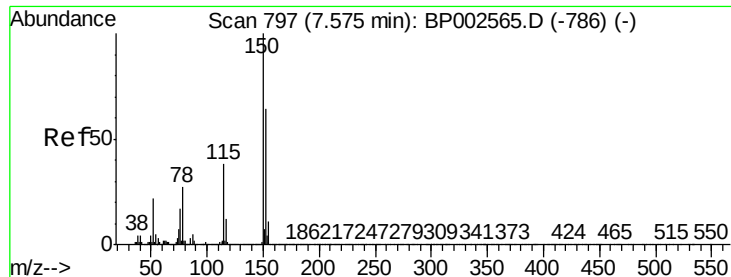
Instrument :  
BNA\_P  
ClientSampleId :  
SP2-L

Quant Time: Jul 01 04:31:22 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 29 16:51:57 2020  
Response via : Initial Calibration

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#1

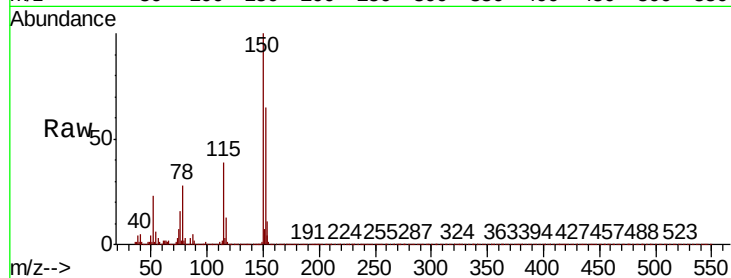
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.57 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BP002580.D  
Acq: 30 Jun 2020 18:02

Instrument :  
BNA\_P  
ClientSampled :  
SP2-L

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.9 | 124.2 | 186.2 |
| 115     | 60.4  | 47.1  | 70.7  |

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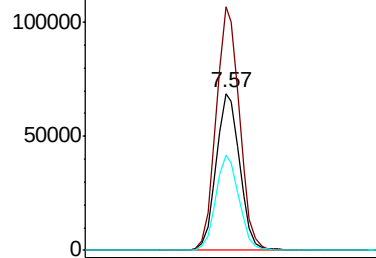


Abundance

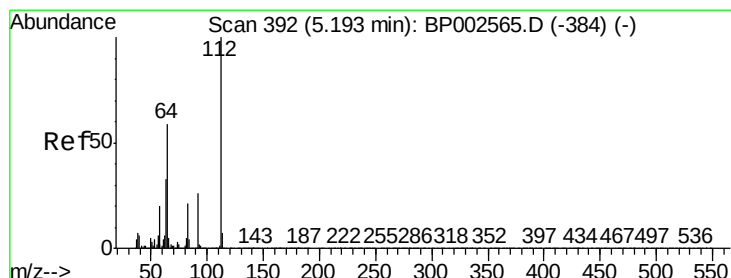
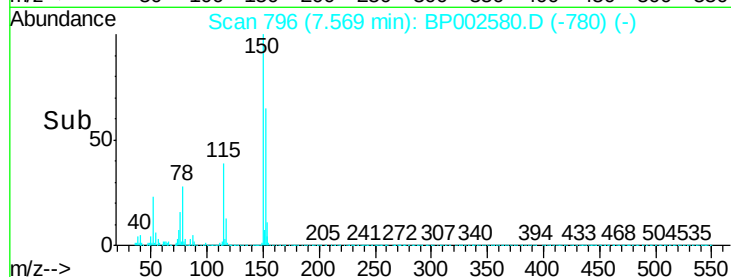
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



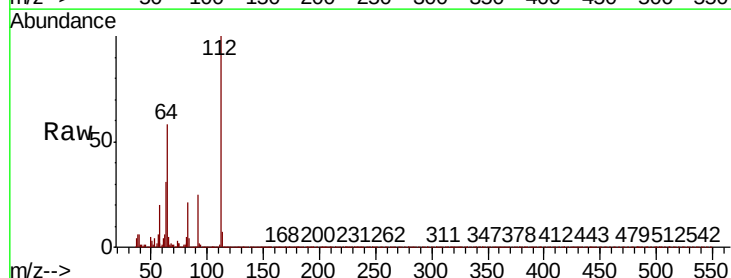
Time-->



#5

2-Fluorophenol  
Concen: 96.267 ng  
RT: 5.19 min Scan# 392  
Delta R.T. 0.00 min  
Lab File: BP002580.D  
Acq: 30 Jun 2020 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 58.3  | 47.0  | 70.6  |
| 63      | 31.5  | 26.1  | 39.1  |

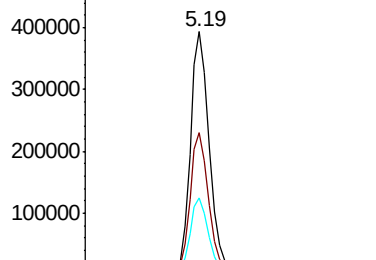


Abundance

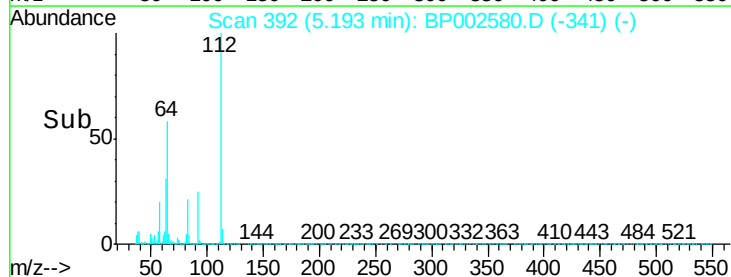
Ion 112.00 (111.70 to 112.70): E

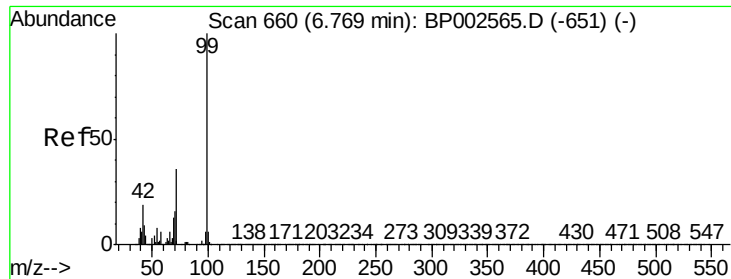
Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



Time-->





#7

Phenol-d6

Concen: 100.134 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002580.D

Acq: 30 Jun 2020 18:02

Instrument :

BNA\_P

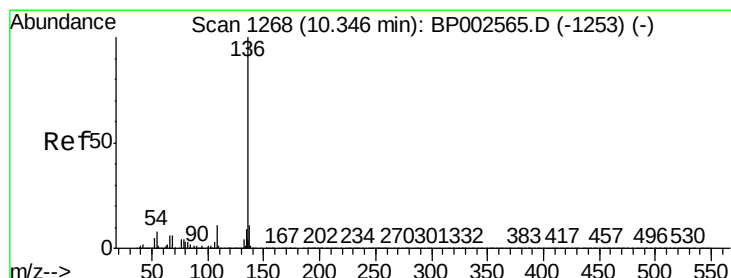
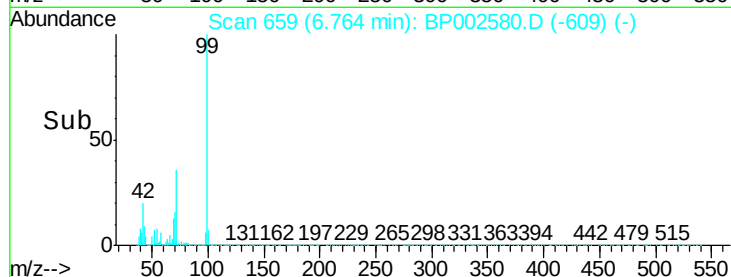
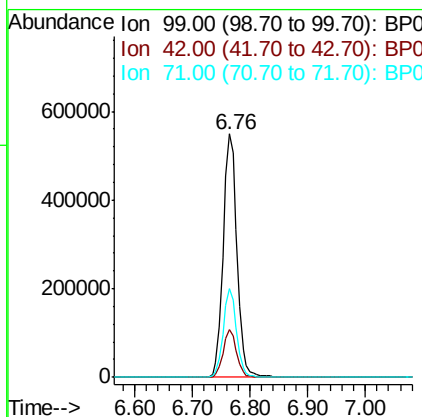
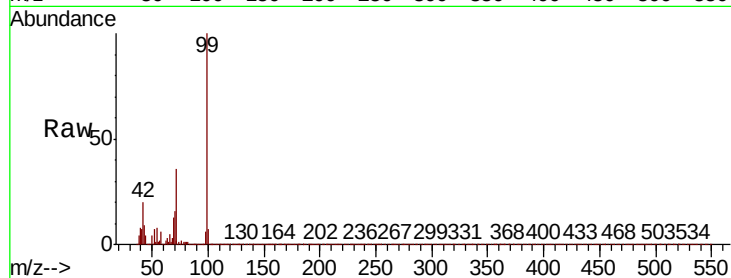
ClientSampled :

SP2-L

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 910534 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.6  | 15.5  | 23.3   |
| 71        | 36.3  | 28.9  | 43.3   |

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#21

Naphthalene-d8

Concen: 20.000 ng

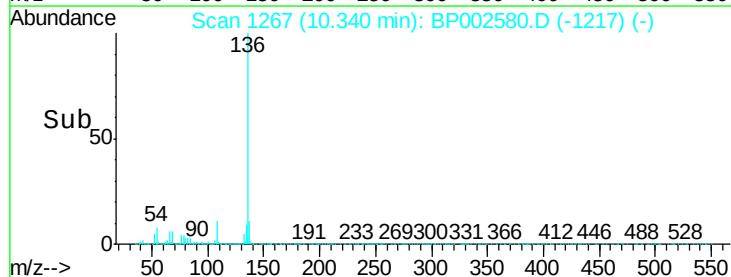
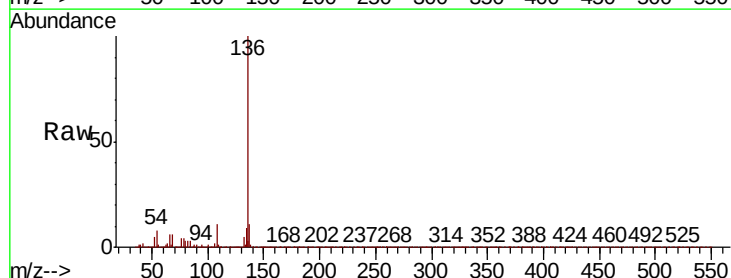
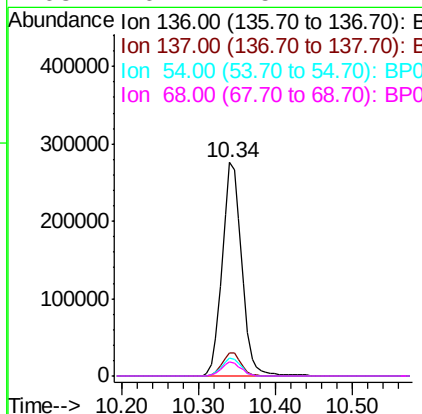
RT: 10.34 min Scan# 1267

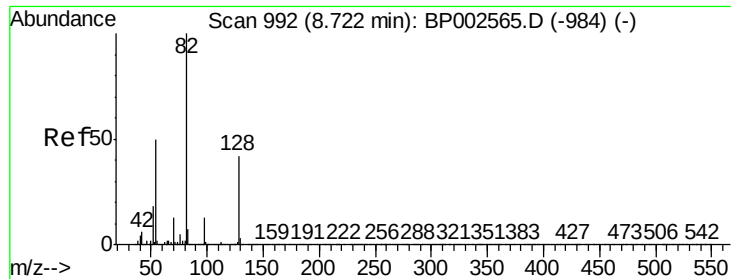
Delta R.T. -0.01 min

Lab File: BP002580.D

Acq: 30 Jun 2020 18:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 486765 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.8   | 13.2   |
| 54        | 8.3   | 6.4   | 9.6    |
| 68        | 6.4   | 5.1   | 7.7    |





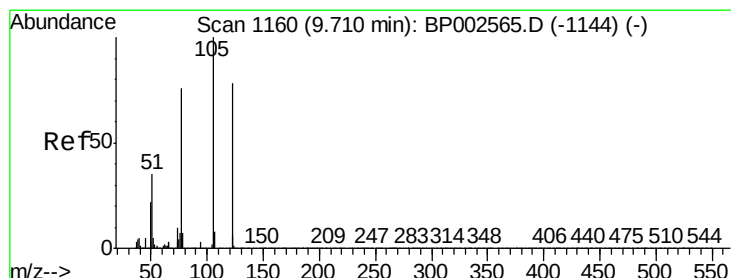
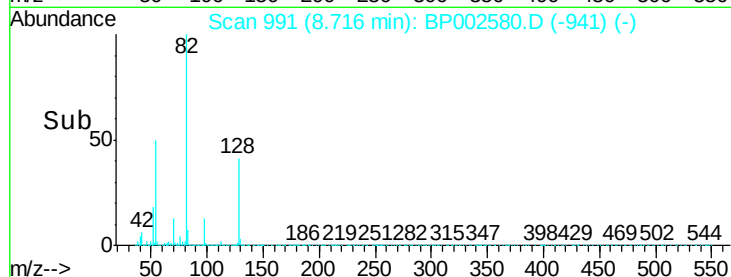
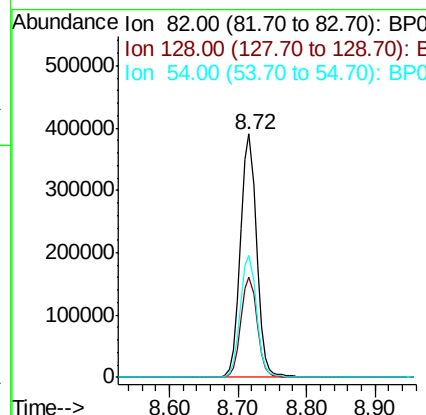
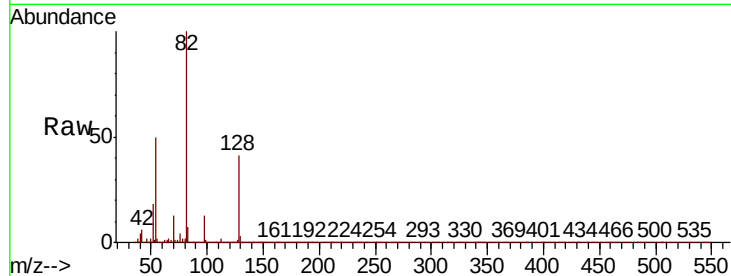
#23  
Nitrobenzene-d5  
Concen: 67.664 ng  
RT: 8.72 min Scan# 991  
Delta R.T. -0.01 min  
Lab File: BP002580.D  
Acq: 30 Jun 2020 18:02

Instrument :  
BNA\_P  
ClientSampled :  
SP2-L

| Tot Ion   | 82    | Resp  | 639229 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.3  | 33.4  | 50.2   |
| 54        | 50.1  | 40.1  | 60.1   |

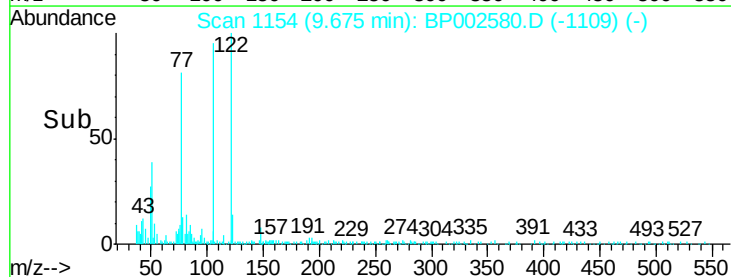
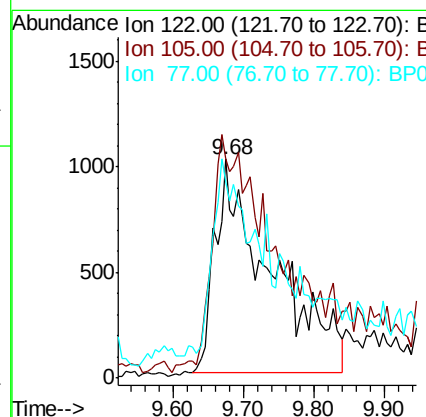
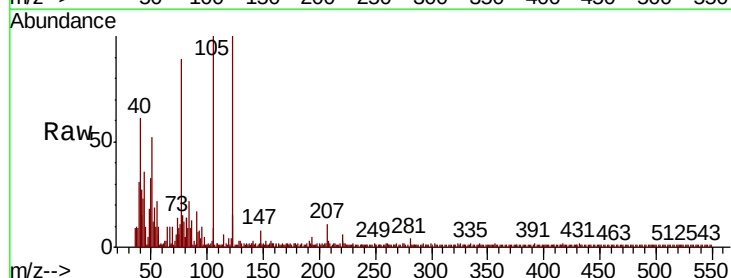
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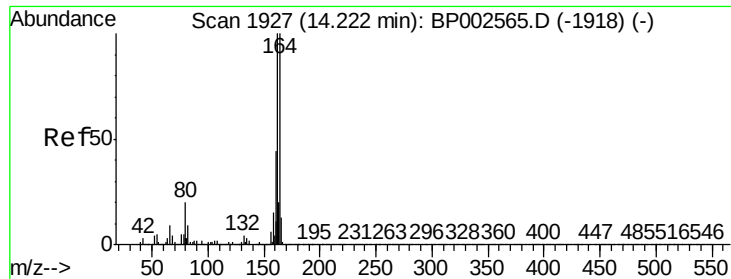
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#32  
Benzoic acid  
Concen: 9.537 ng m  
RT: 9.68 min Scan# 1154  
Delta R.T. -0.03 min  
Lab File: BP002580.D  
Acq: 30 Jun 2020 18:02

| Tgt Ion   | 122   | Resp  | 5552   |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 100.2 | 106.6 | 146.6# |
| 77        | 89.4  | 76.5  | 116.5  |





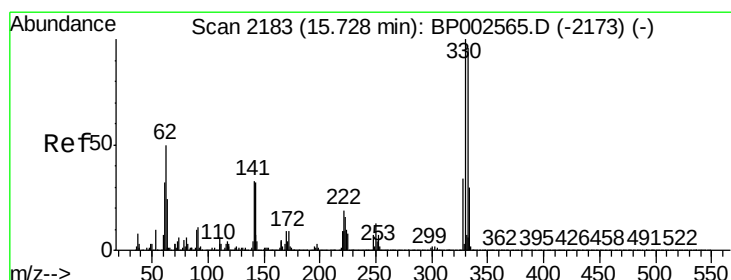
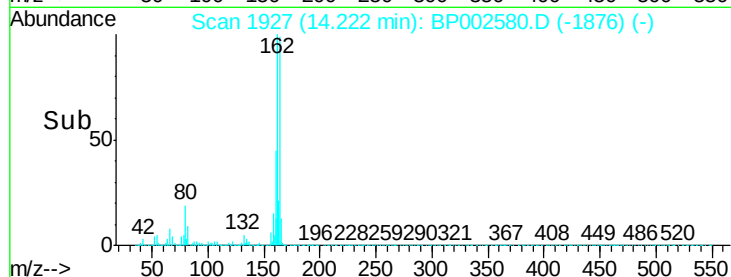
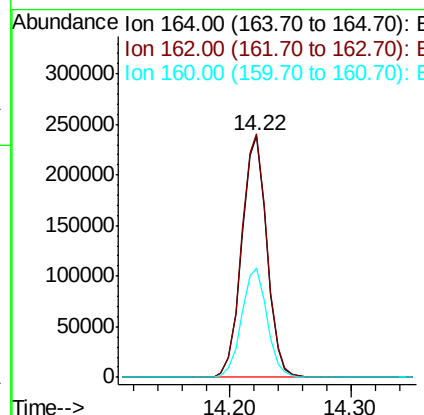
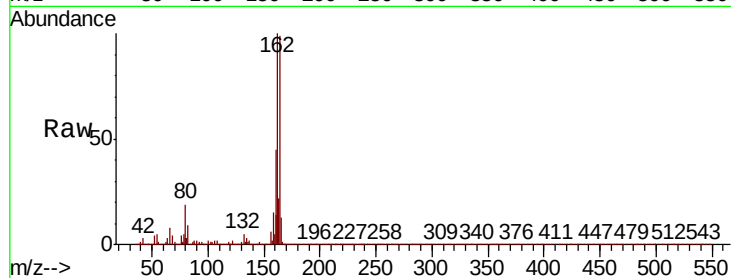
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.22 min Scan# 1927  
Delta R.T. 0.00 min  
Lab File: BP002580.D  
Acq: 30 Jun 2020 18:02

Instrument :  
BNA\_P  
ClientSampleId :  
SP2-L

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.8 | 80.3  | 120.5 |
| 160     | 45.1  | 35.0  | 52.6  |

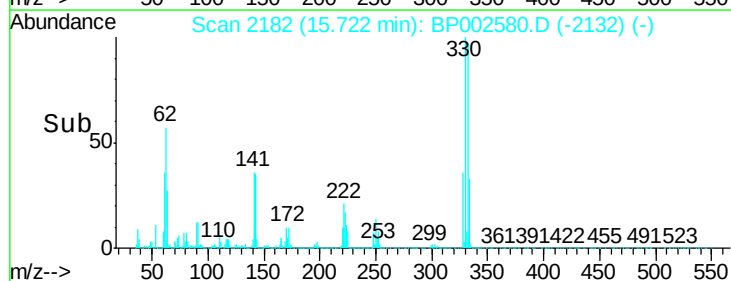
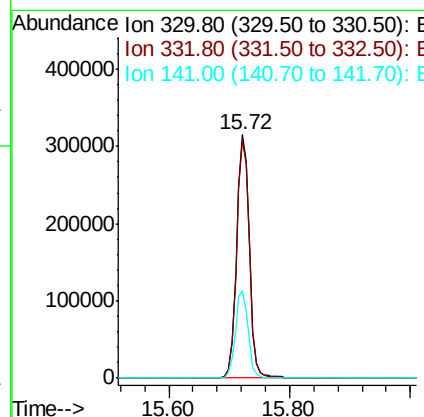
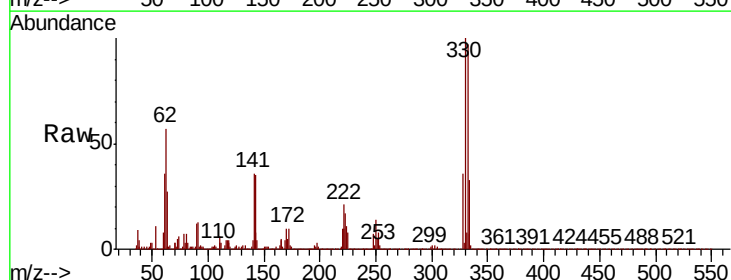
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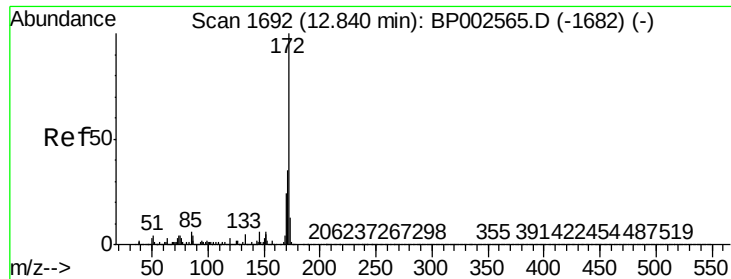
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#42  
2,4,6-Tribromophenol  
Concen: 109.868 ng  
RT: 15.72 min Scan# 2182  
Delta R.T. -0.01 min  
Lab File: BP002580.D  
Acq: 30 Jun 2020 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.2  | 77.7  | 116.5 |
| 141     | 36.0  | 29.0  | 43.6  |





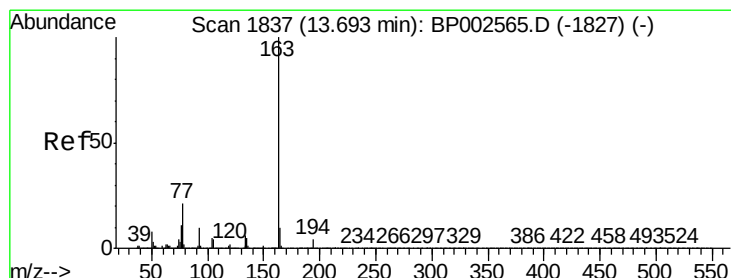
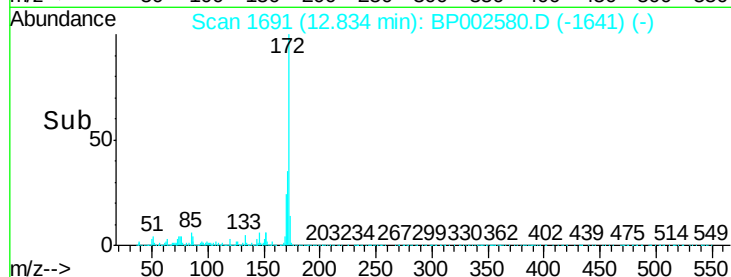
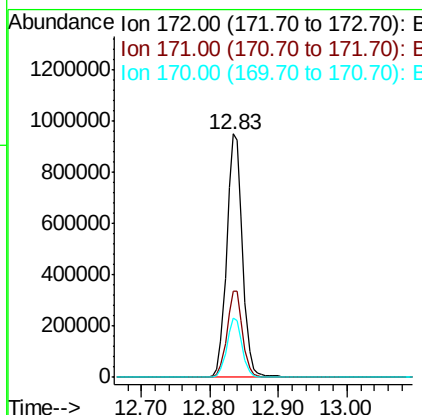
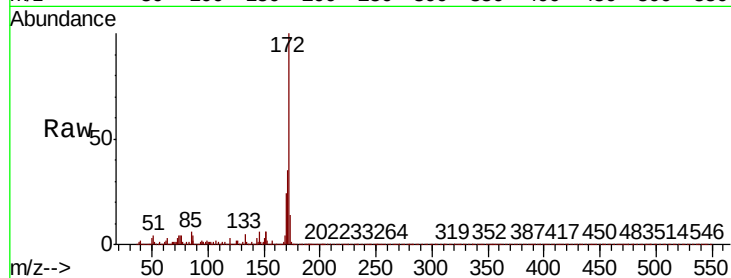
#45  
2-Fluorobiphenyl  
Concen: 64.704 ng  
RT: 12.83 min Scan# 1691  
Delta R.T. -0.01 min  
Lab File: BP002580.D  
Acq: 30 Jun 2020 18:02

Instrument :  
BNA\_P  
ClientSampleId :  
SP2-L

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 28.0  | 42.0  |
| 170     | 24.2  | 19.0  | 28.4  |

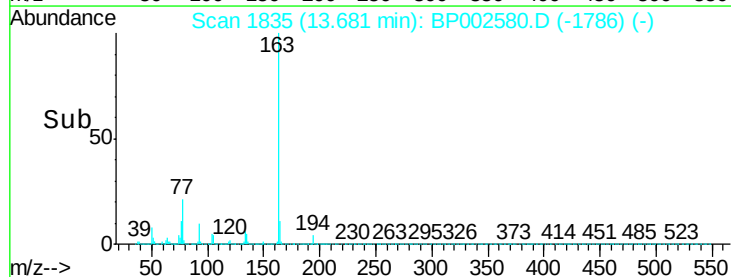
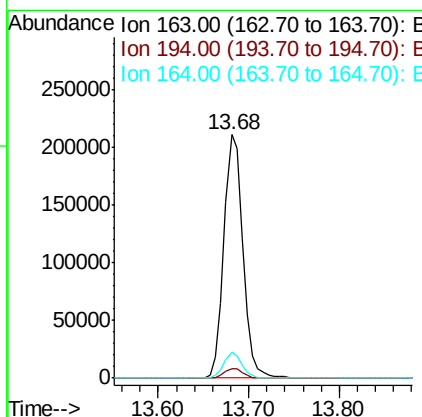
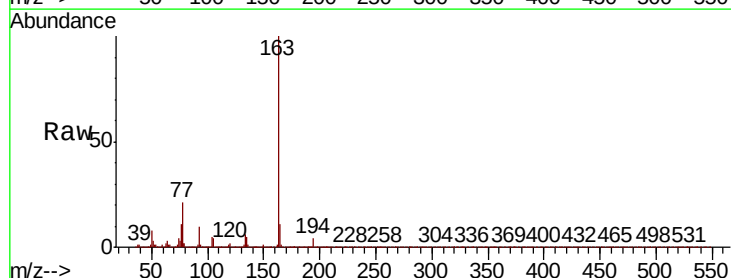
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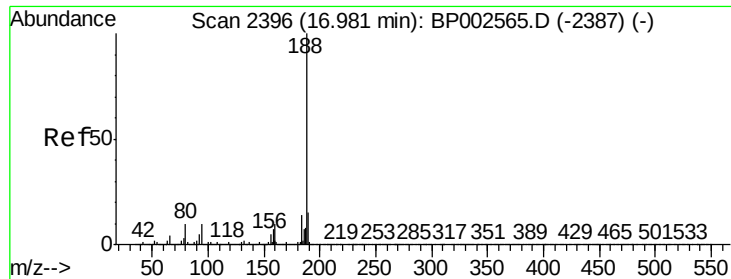
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#50  
Dimethylphthalate  
Concen: 11.300 ng  
RT: 13.68 min Scan# 1835  
Delta R.T. -0.01 min  
Lab File: BP002580.D  
Acq: 30 Jun 2020 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.4   | 5.0   |
| 164     | 10.5  | 8.2   | 12.4  |





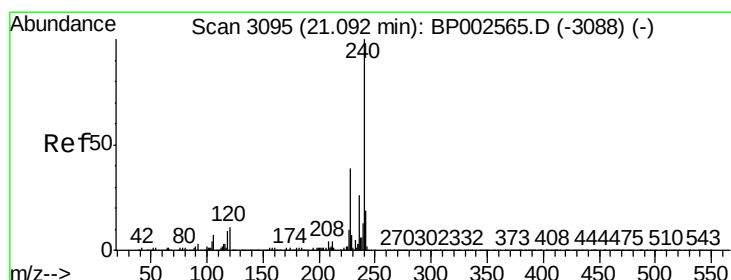
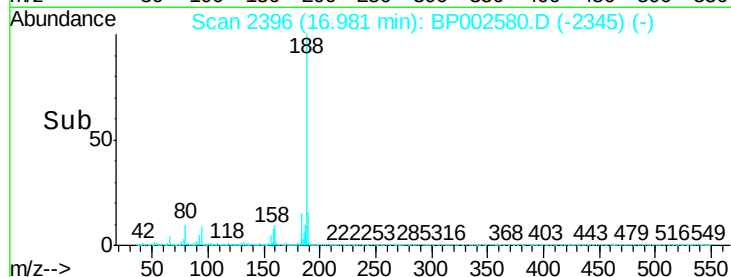
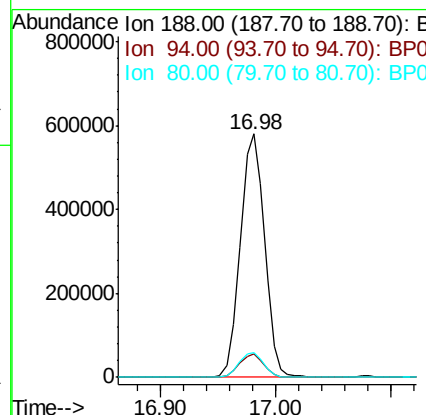
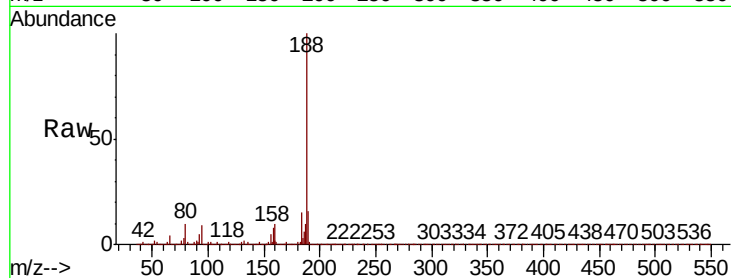
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.98 min Scan# 2396  
Delta R.T. 0.00 min  
Lab File: BP002580.D  
Acq: 30 Jun 2020 18:02

Instrument :  
BNA\_P  
ClientSampleId :  
SP2-L

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 9.4   | 7.8        | 11.6  |
| 80      | 10.2  | 8.2        | 12.4  |

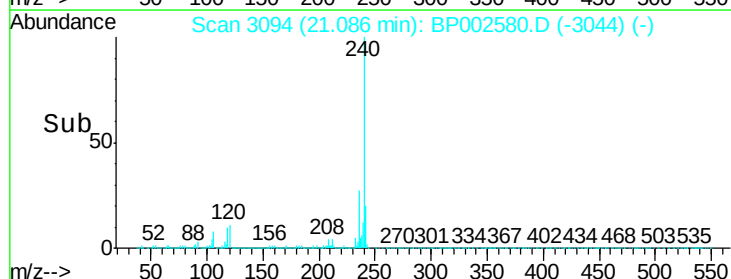
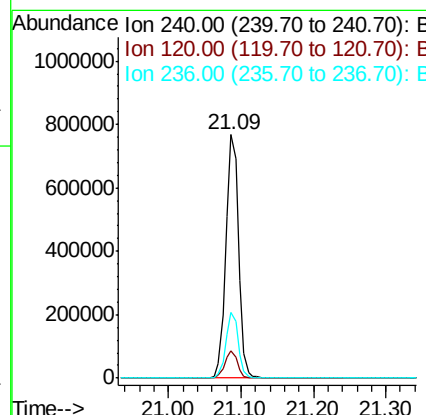
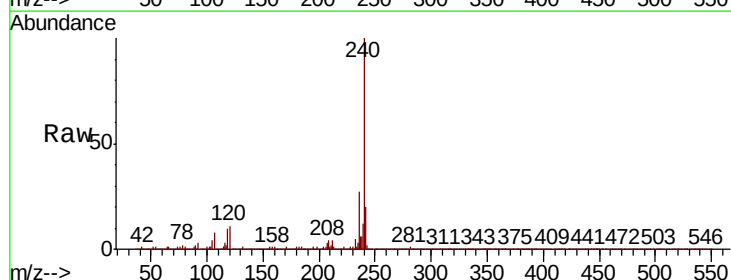
Manual Integrations  
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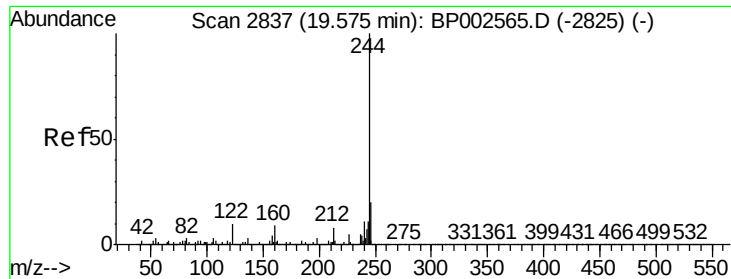


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.09 min Scan# 3094  
Delta R.T. -0.01 min  
Lab File: BP002580.D  
Acq: 30 Jun 2020 18:02

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 11.1  | 8.6        | 13.0  |
| 236     | 26.9  | 20.8       | 31.2  |







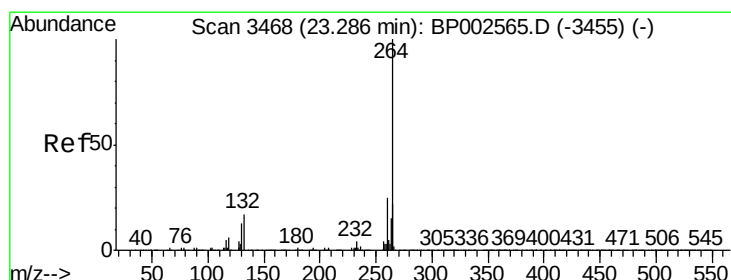
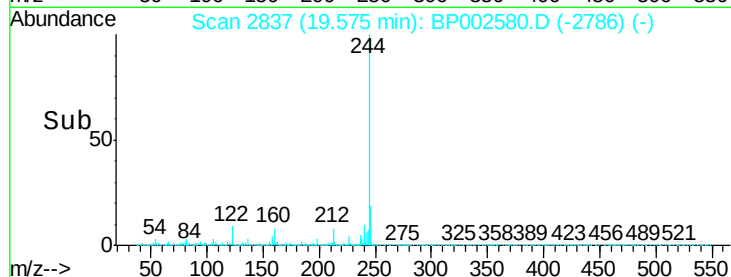
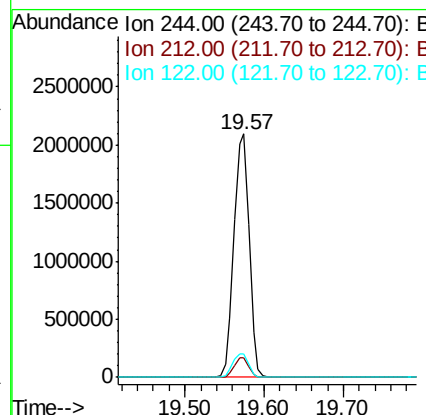
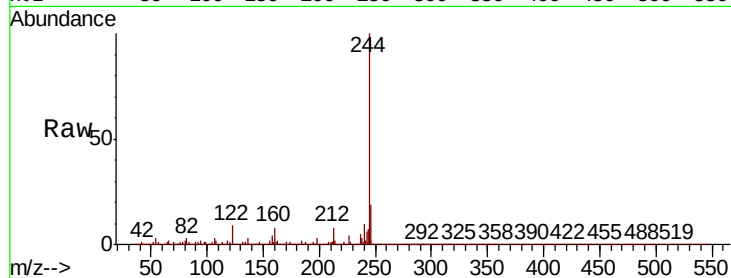
#79  
 Terphenyl-d14  
 Concen: 64.622 ng  
 RT: 19.57 min Scan# 2837  
 Delta R.T. 0.00 min  
 Lab File: BP002580.D  
 Acq: 30 Jun 2020 18:02

Instrument :  
 BNA\_P  
 ClientSampled :  
 SP2-L

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.1   | 6.5   | 9.7   |
| 122     | 9.4   | 7.9   | 11.9  |

Manual Integrations  
 APPROVED

mohammad  
 7/1/2020 2:33:30 PM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.29 min Scan# 3468  
 Delta R.T. 0.00 min  
 Lab File: BP002580.D  
 Acq: 30 Jun 2020 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.6  | 19.7  | 29.5  |
| 265     | 22.4  | 17.6  | 26.4  |

