

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091820\  
 Data File : BP003327.D  
 Acq On : 18 Sep 2020 18:15  
 Operator : CG/JU  
 Sample : L4062-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EROC-CF-1

Manual Integrations  
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 9/21/2020 10:35:46 AM

Quant Time: Sep 19 06:18:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 18 14:13:41 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.599  | 152  | 189099   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.375 | 136  | 774435   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.245 | 164  | 465733   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.004 | 188  | 954627   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.104 | 240  | 722711   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.315 | 264  | 694068   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.216  | 112  | 1106209  | 102.15 | ng    | 0.00     |
| 7) Phenol-d6                | 6.799  | 99   | 1414567  | 98.00  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.752  | 82   | 926245   | 70.26  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.751 | 330  | 589726   | 83.02  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.869 | 172  | 2106143  | 66.14  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.586 | 244  | 2486004  | 71.67  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 50) Dimethylphthalate       | 13.710 | 163  | 211243   | 5.68   | ng    | 100      |
| 75) Fluoranthene            | 19.027 | 202  | 224571   | 3.44   | ng    | 99       |
| 78) Pyrene                  | 19.380 | 202  | 221399   | 4.91   | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.086 | 228  | 117760   | 2.52   | ng    | 98       |
| 83) Chrysene                | 21.139 | 228  | 109448   | 2.44   | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 22.657 | 252  | 142011m  | 3.24   | ng    |          |
| 90) Benzo(a)pyrene          | 23.221 | 252  | 109472   | 2.65   | ng    | # 95     |
| -----                       |        |      |          |        |       |          |

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

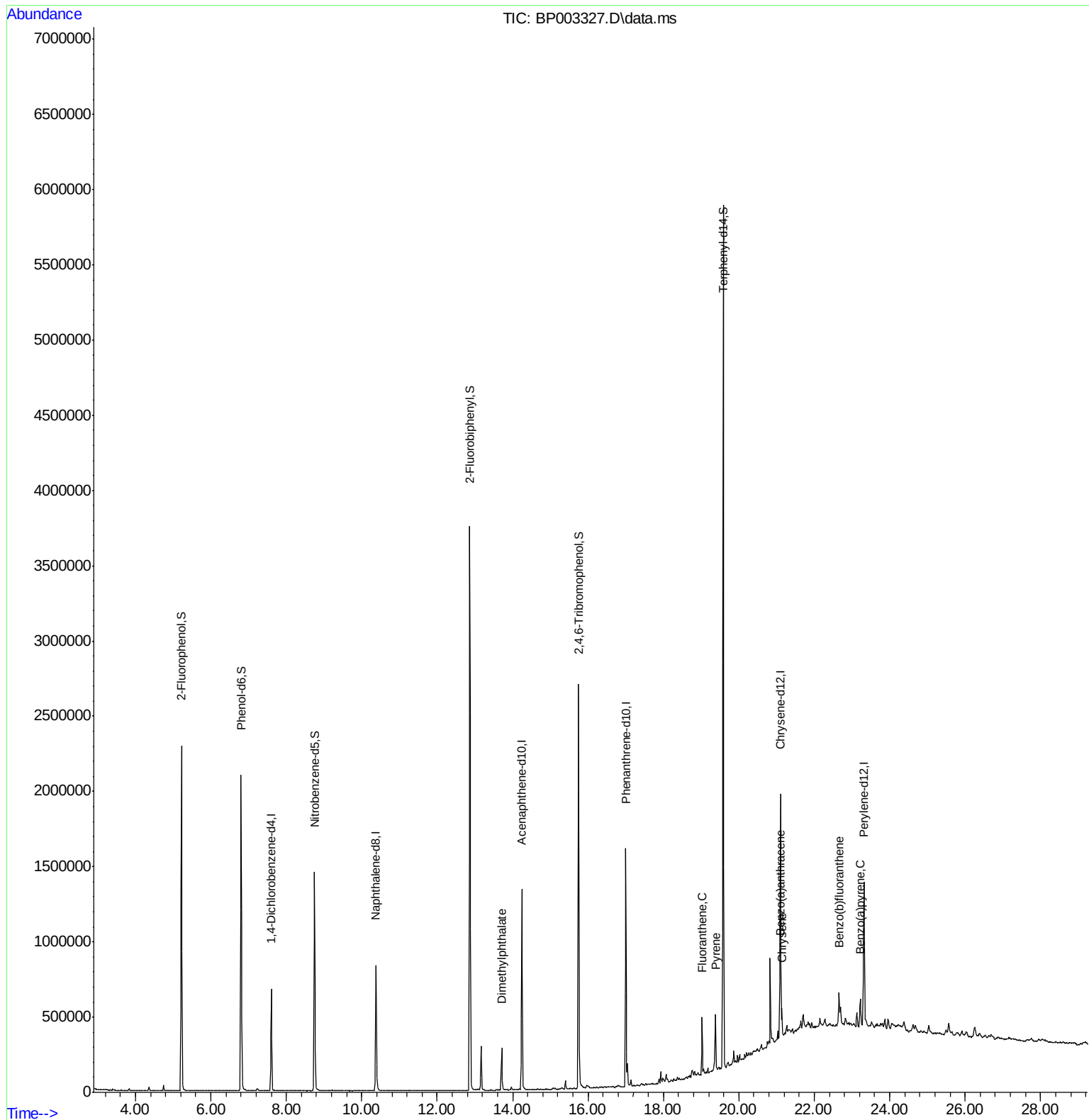
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091820\  
Data File : BP003327.D  
Acq On : 18 Sep 2020 18:15  
Operator : CG/JU  
Sample : L4062-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

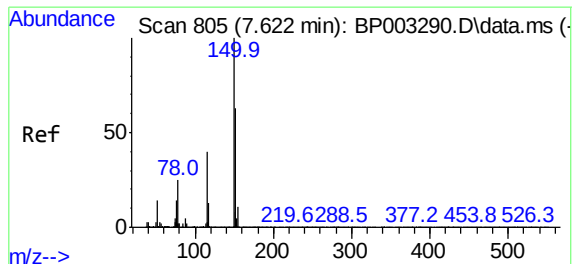
Instrument :  
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ClientSampleId :  
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Quant Time: Sep 19 06:18:48 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 18 14:13:41 2020  
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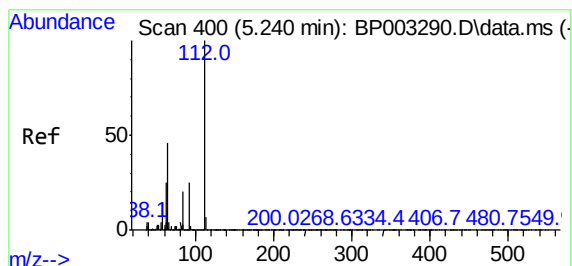
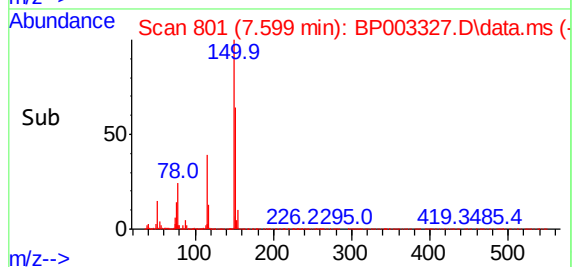
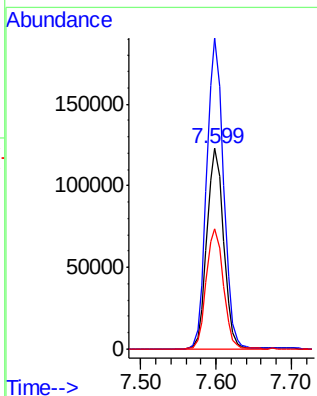
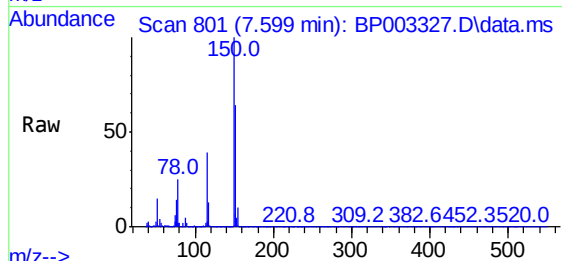
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.599 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
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Tgt Ion:152 Resp: 189099  
Ion Ratio Lower Upper  
152 100  
150 155.3 123.8 185.6  
115 60.1 43.8 65.6

Instrument :  
BNA\_P  
ClientSampleId :  
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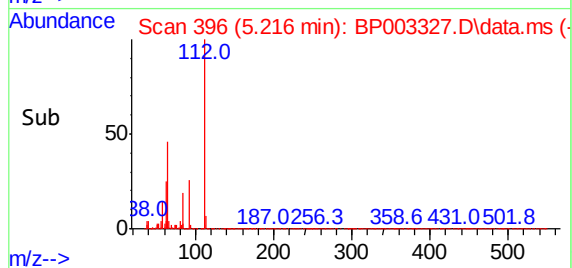
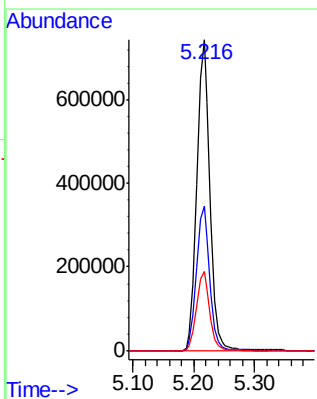
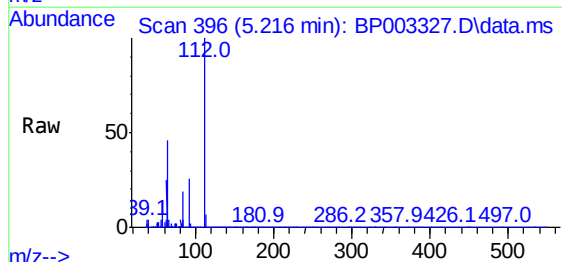
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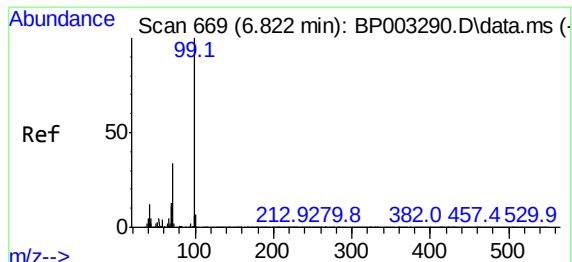
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#5  
2-Fluorophenol  
Concen: 102.15 ng  
RT: 5.216 min Scan# 396  
Delta R.T. 0.006 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

Tgt Ion:112 Resp: 1106209  
Ion Ratio Lower Upper  
112 100  
64 46.3 32.8 49.2  
63 25.2 17.0 25.4





#7  
Phenol-d6  
Concen: 98.00 ng  
RT: 6.799 min Scan# 665  
Delta R.T. 0.006 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

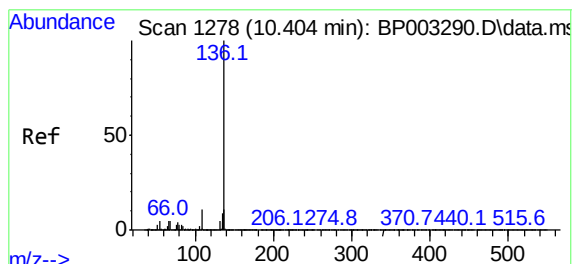
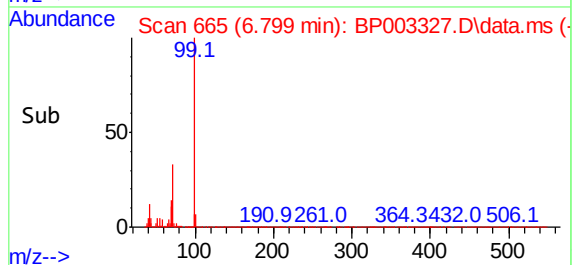
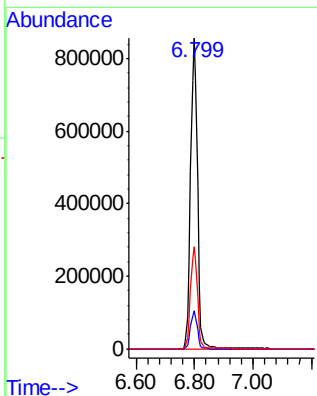
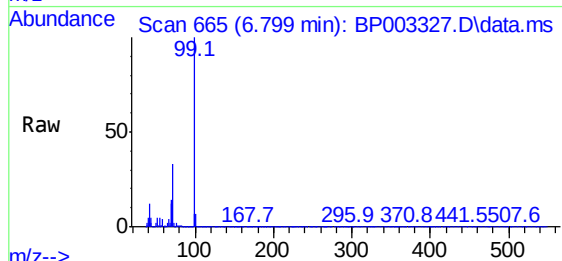
Tgt Ion: 99 Resp: 1414567

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 12.1  | 8.6   | 13.0  |
| 71  | 33.0  | 23.4  | 35.2  |

Instrument :  
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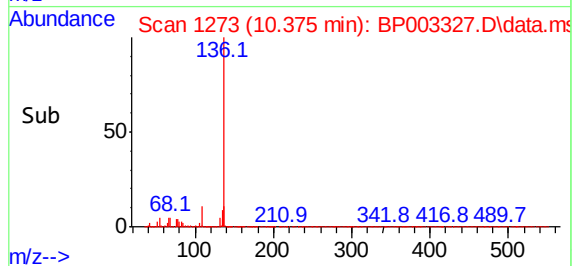
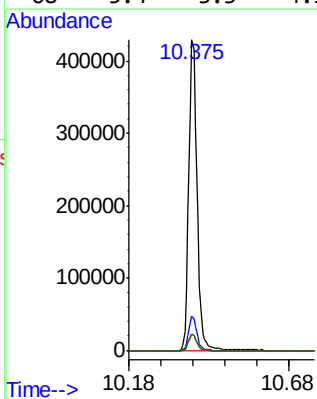
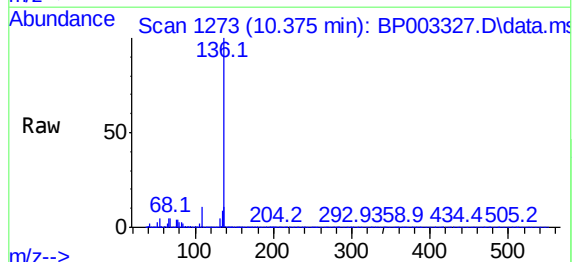
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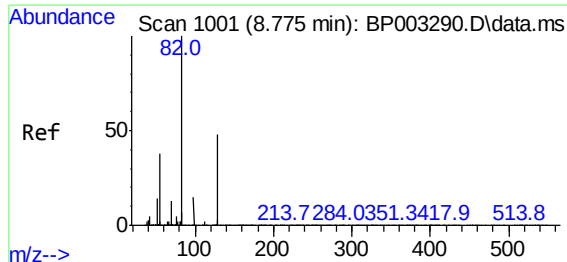


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.375 min Scan# 1273  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

Tgt Ion: 136 Resp: 774435

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 13.0  |
| 54  | 5.2   | 3.6   | 5.4   |
| 68  | 5.4   | 3.3   | 4.9   |





#23  
Nitrobenzene-d5  
Concen: 70.26 ng  
RT: 8.752 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

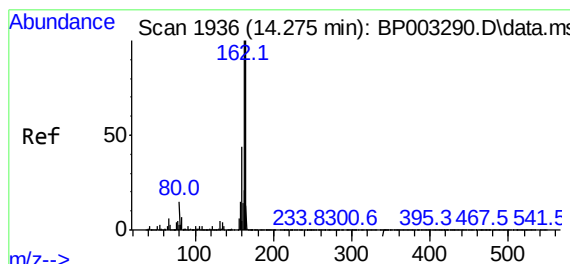
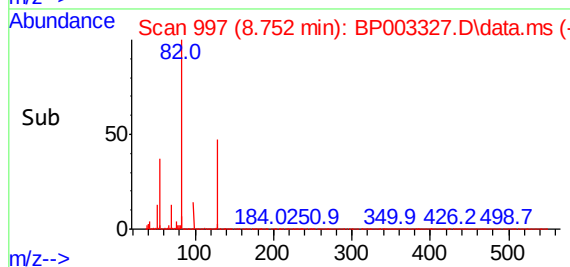
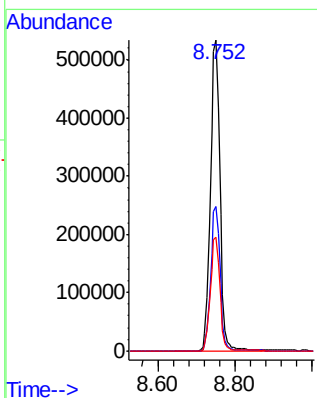
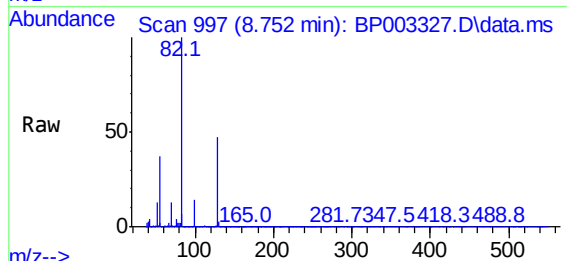
Tgt Ion: 82 Resp: 926245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.6  | 45.6  | 68.4  |
| 54  | 36.6  | 30.1  | 45.1  |

Instrument :  
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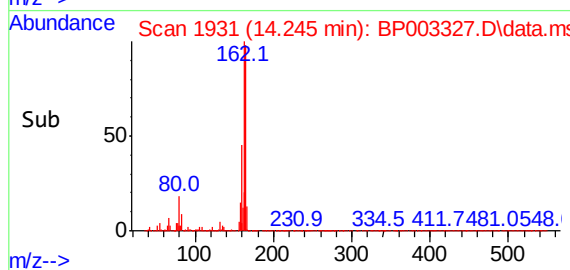
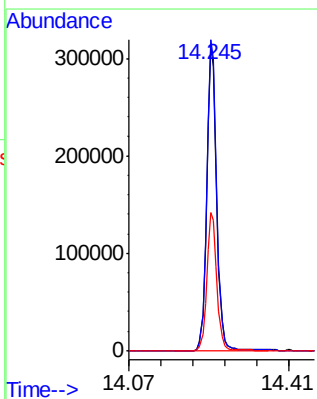
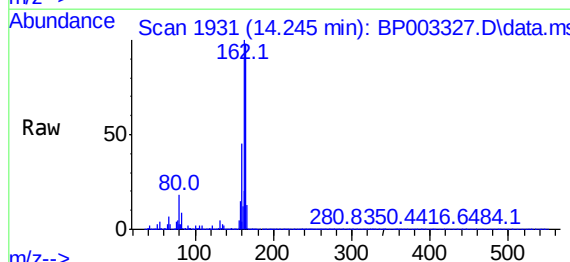
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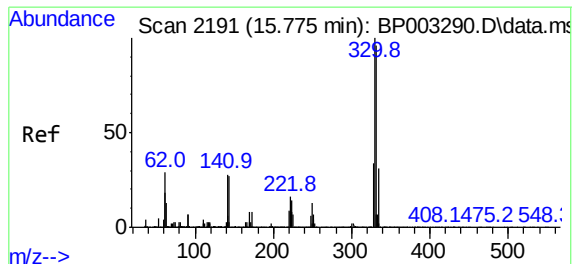


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.245 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

Tgt Ion: 164 Resp: 465733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.0 | 79.4  | 119.2 |
| 160 | 45.4  | 36.1  | 54.1  |





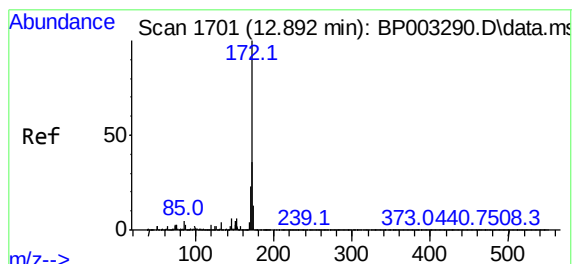
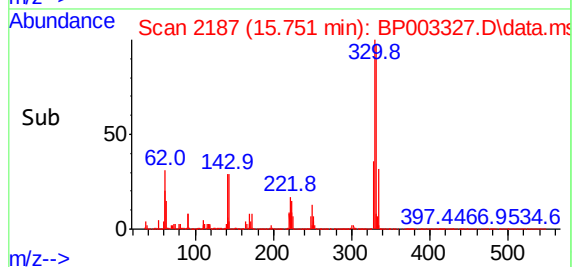
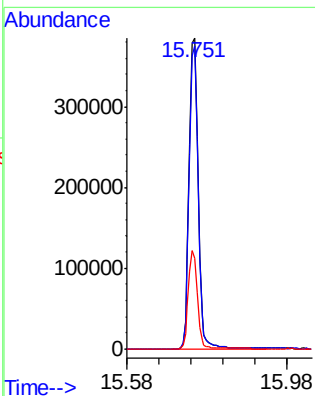
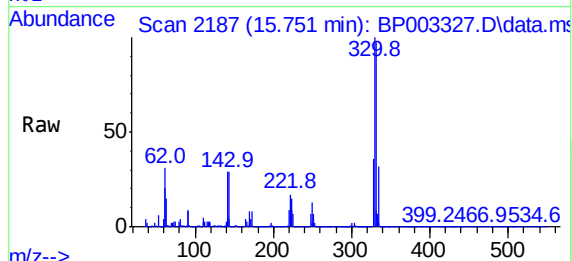
#42  
2,4,6-Tribromophenol  
Concen: 83.02 ng  
RT: 15.751 min Scan# 2187  
Delta R.T. 0.006 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 589726 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.8  | 77.1  | 115.7  |
| 141      | 32.1  | 23.4  | 35.2   |

Instrument :  
BNA\_P  
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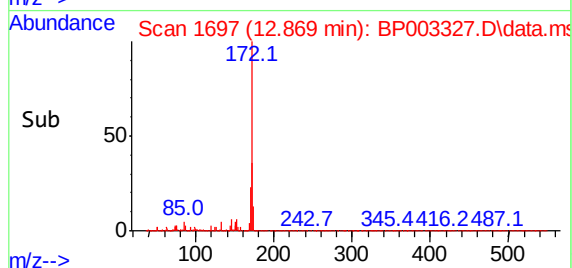
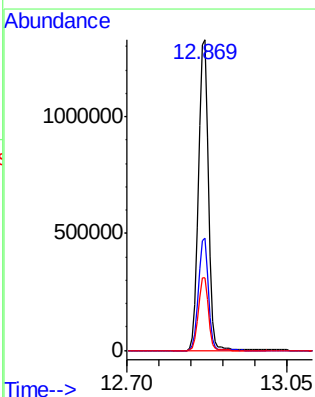
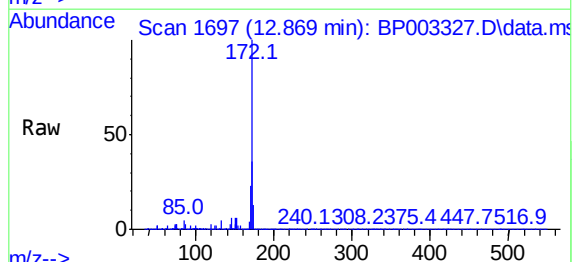
Manual Integrations  
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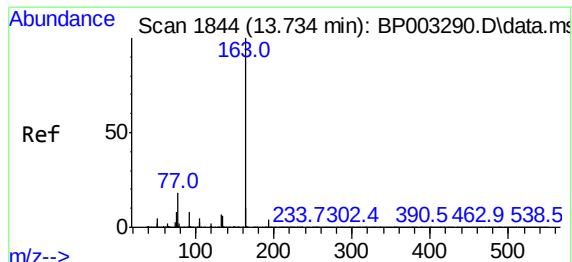
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#45  
2-Fluorobiphenyl  
Concen: 66.14 ng  
RT: 12.869 min Scan# 1697  
Delta R.T. 0.006 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

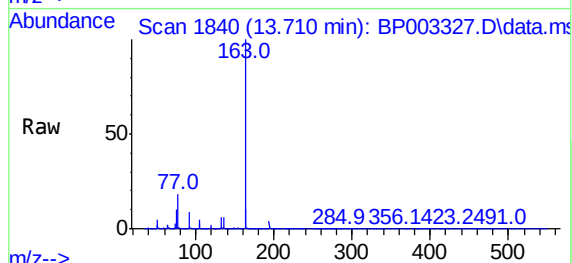
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 2106143 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 36.0  | 28.5  | 42.7    |
| 170      | 23.2  | 19.2  | 28.8    |





#50  
Dimethylphthalate  
Concen: 5.68 ng  
RT: 13.710 min Scan# 1840  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

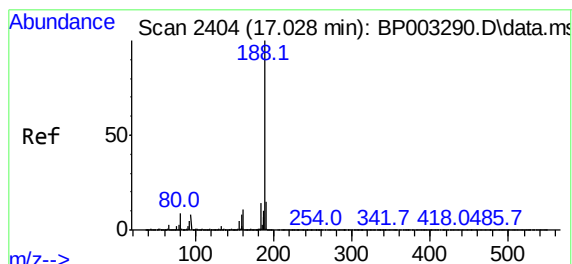
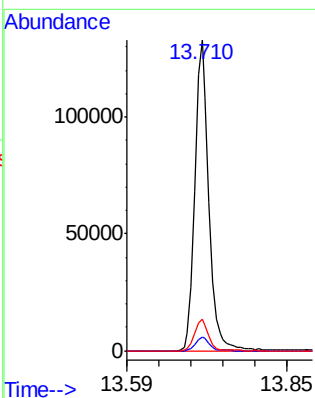
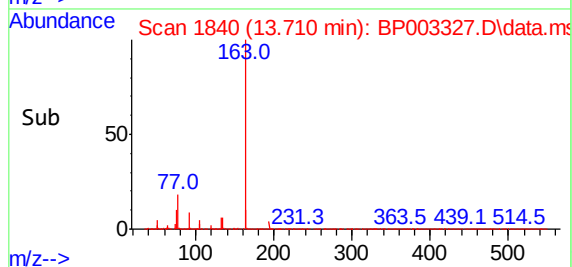
Instrument :  
BNA\_P  
ClientSampleId :  
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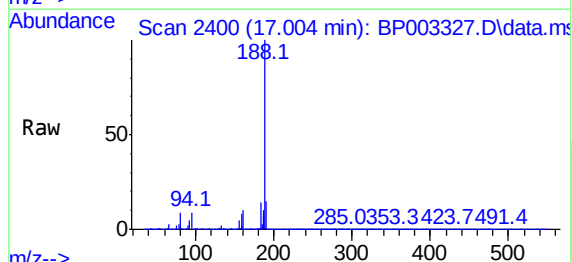
Tgt Ion:163 Resp: 211243  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.4 8.2 12.2

Manual Integrations  
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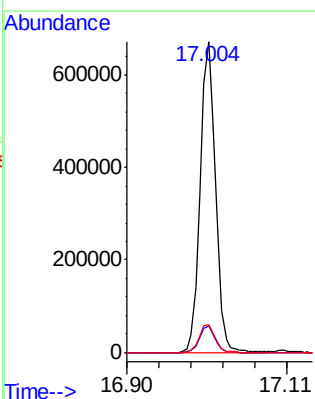
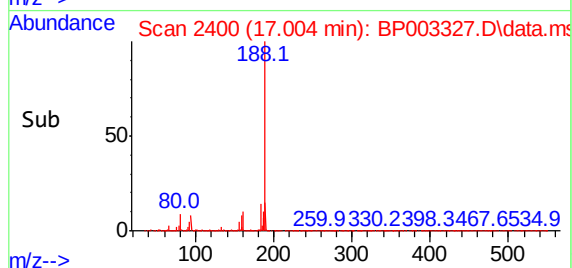
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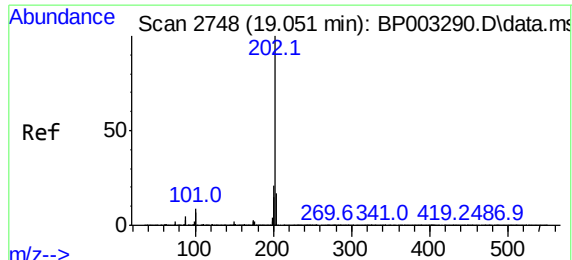


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.004 min Scan# 2400  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15



Tgt Ion:188 Resp: 954627  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.2 9.2  
80 9.0 6.2 9.2





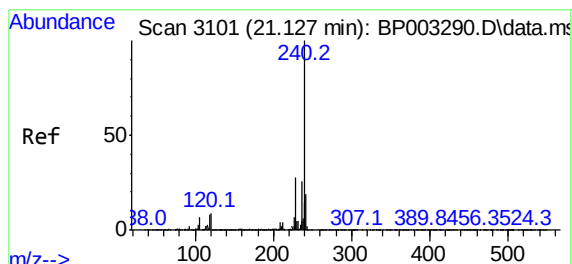
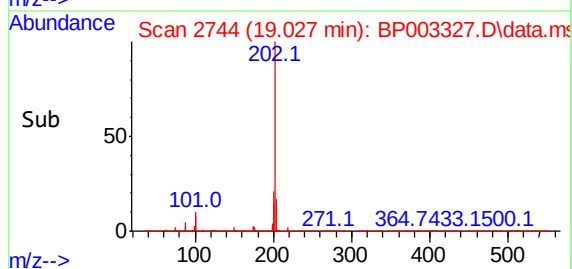
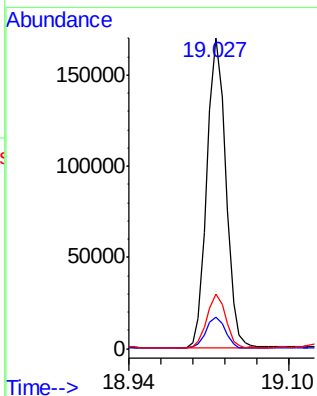
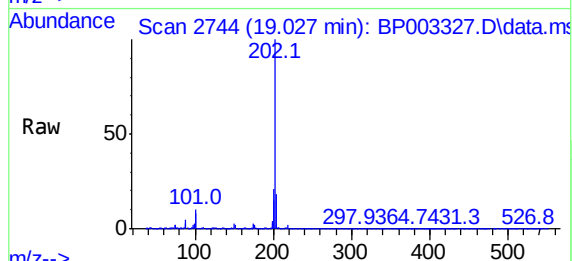
#75  
Fluoranthene  
Concen: 3.44 ng  
RT: 19.027 min Scan# 2744  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

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Tgt Ion:202 Resp: 224571  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 29.4  
203 17.7 0.0 37.8

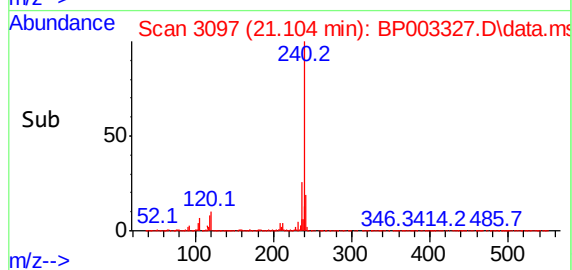
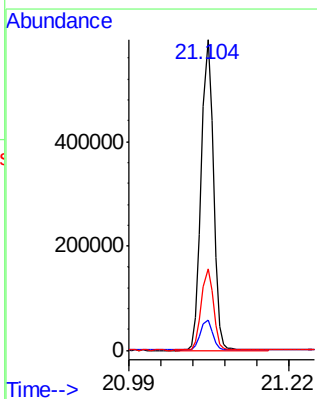
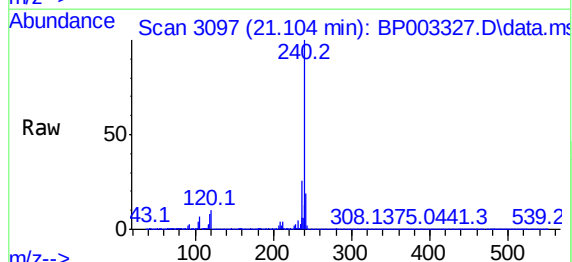
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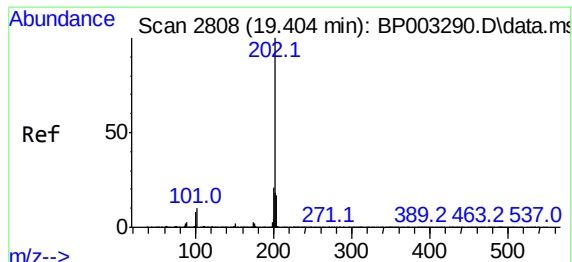


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.104 min Scan# 3097  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

Tgt Ion:240 Resp: 722711  
Ion Ratio Lower Upper  
240 100  
120 9.9 7.8 11.6  
236 26.5 20.8 31.2

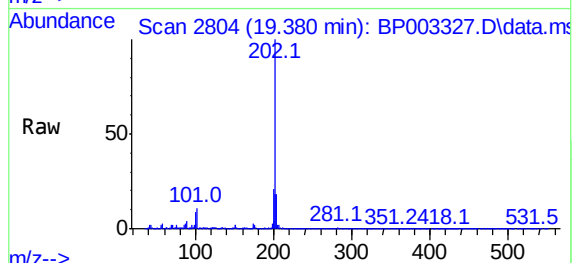






#78  
Pyrene  
Concen: 4.91 ng  
RT: 19.380 min Scan# 2804  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

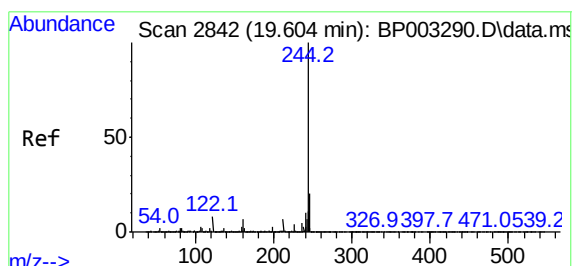
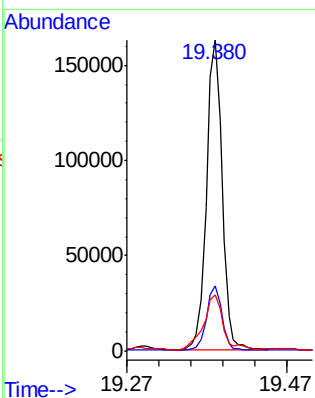
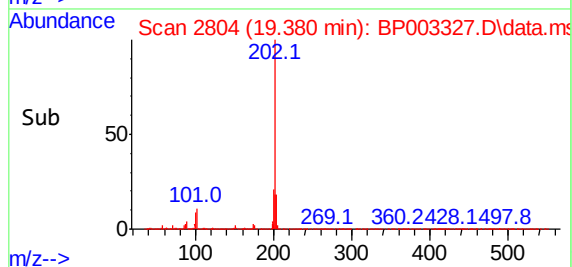
Instrument :  
BNA\_P  
ClientSampleId :  
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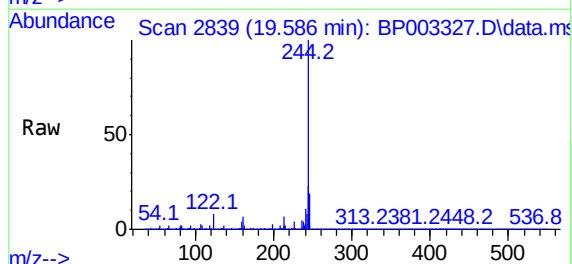
Tgt Ion:202 Resp: 221399  
Ion Ratio Lower Upper  
202 100  
200 20.8 17.1 25.7  
203 17.9 14.2 21.2

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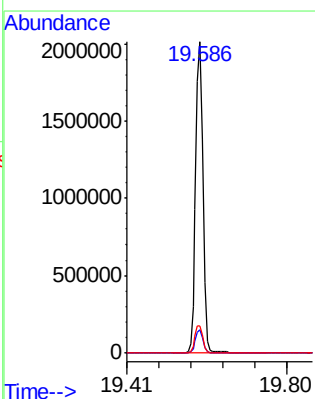
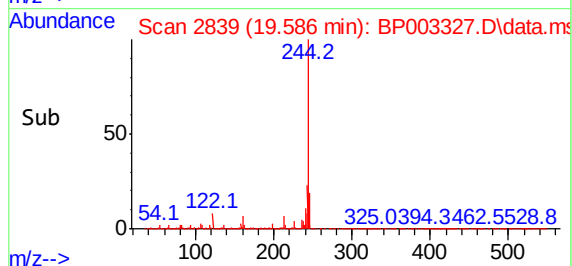
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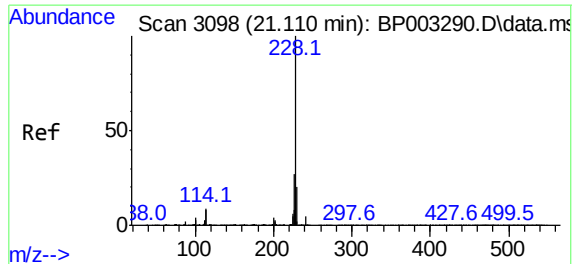


#79  
Terphenyl-d14  
Concen: 71.67 ng  
RT: 19.586 min Scan# 2839  
Delta R.T. 0.006 min  
Lab File: BP003327.D  
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Tgt Ion:244 Resp: 2486004  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.8 8.6  
122 8.4 7.8 11.8





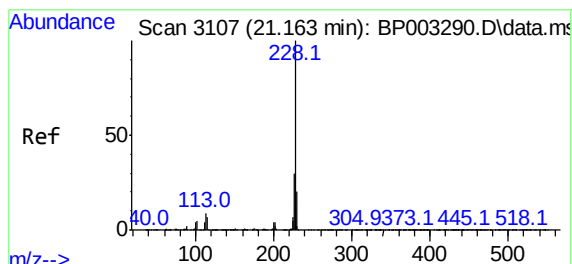
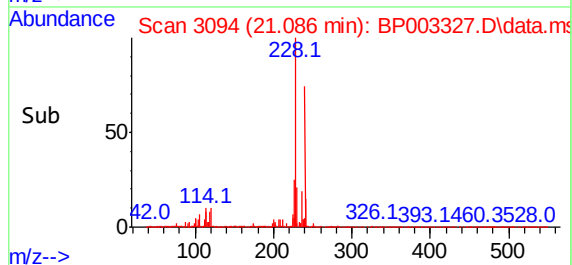
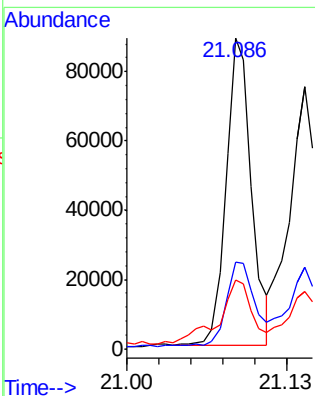
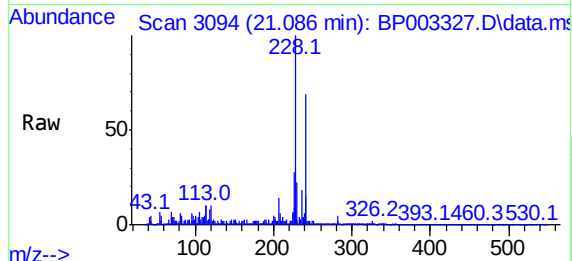
#81  
Benzo(a)anthracene  
Concen: 2.52 ng  
RT: 21.086 min Scan# 3094  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 117760 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.7  | 22.1  | 33.1   |
| 229       | 22.2  | 15.9  | 23.9   |

Instrument :  
BNA\_P  
ClientSampleId :  
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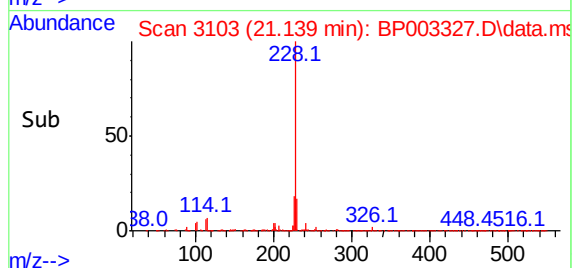
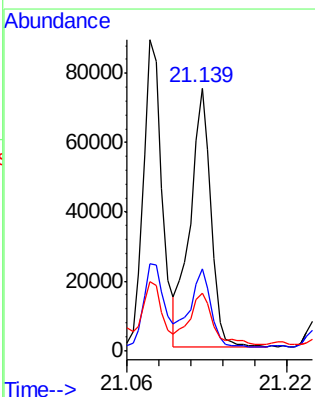
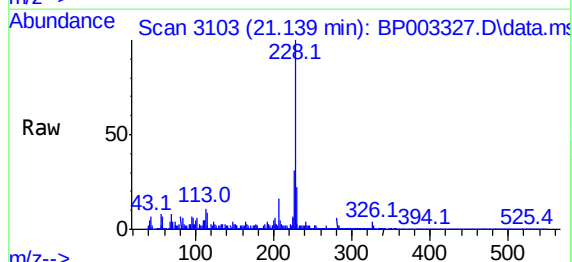
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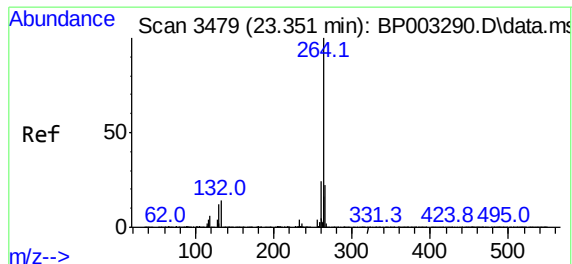
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#83  
Chrysene  
Concen: 2.44 ng  
RT: 21.139 min Scan# 3103  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 109448 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.9  | 24.4  | 36.6   |
| 229       | 21.9  | 15.8  | 23.6   |





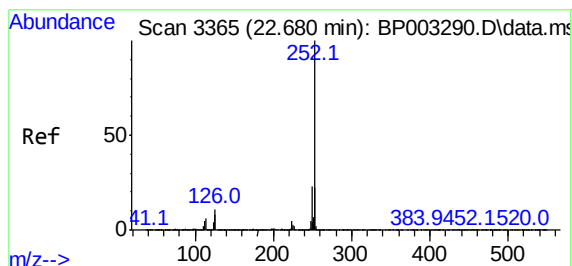
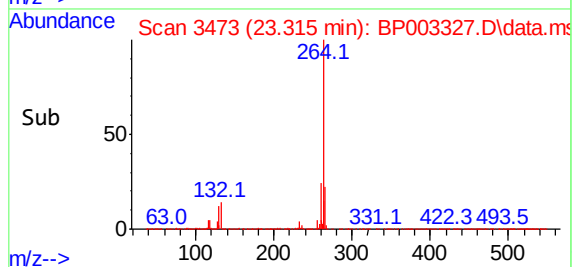
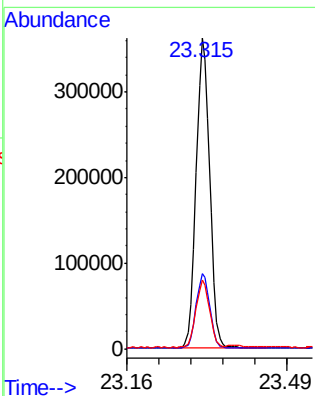
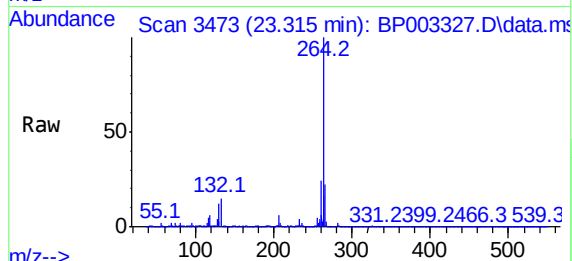
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.315 min Scan# 3473  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion:264 Resp: 694068  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.8 28.2  
265 22.2 17.4 26.2

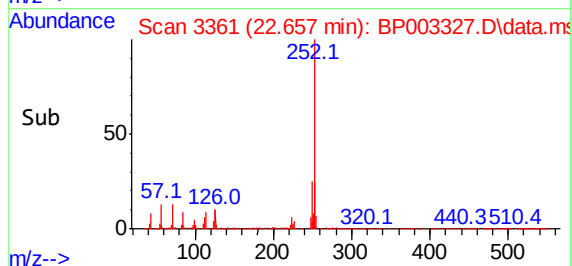
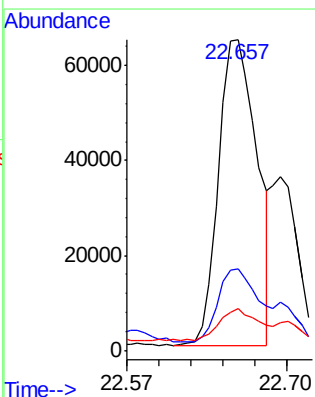
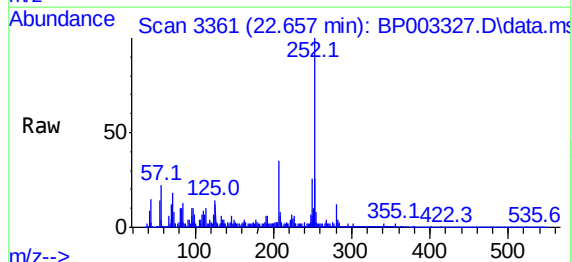
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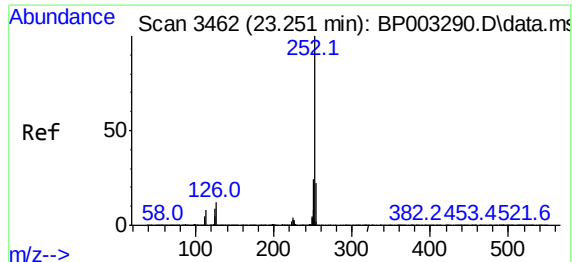
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#88  
Benzo(b)fluoranthene  
Concen: 3.24 ng m  
RT: 22.657 min Scan# 3361  
Delta R.T. 0.006 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

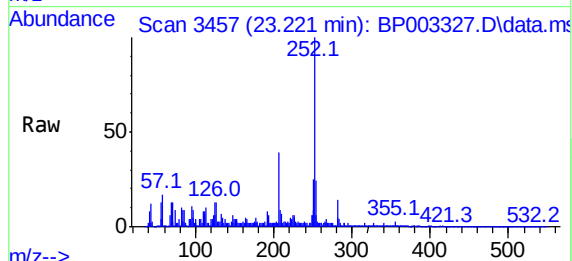
Tgt Ion:252 Resp: 142011  
Ion Ratio Lower Upper  
252 100  
253 26.1 17.6 26.4  
125 13.7 7.3 10.9#





#90  
Benzo(a)pyrene  
Concen: 2.65 ng  
RT: 23.221 min Scan# 3457  
Delta R.T. -0.000 min  
Lab File: BP003327.D  
Acq: 18 Sep 2020 18:15

Instrument :  
BNA\_P  
ClientSampleId :  
EROC-CF-1



Tgt Ion:252 Resp: 109472  
Ion Ratio Lower Upper  
252 100  
253 23.9 17.4 26.0  
125 12.7 8.2 12.4#

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