

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121421\  
 Data File : BP008406.D  
 Acq On : 14 Dec 2021 22:29  
 Operator : CG/JU  
 Sample : M5076-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-11-C

Quant Time: Dec 15 02:00:57 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 14 17:59:47 2021  
 Response via : Initial Calibration

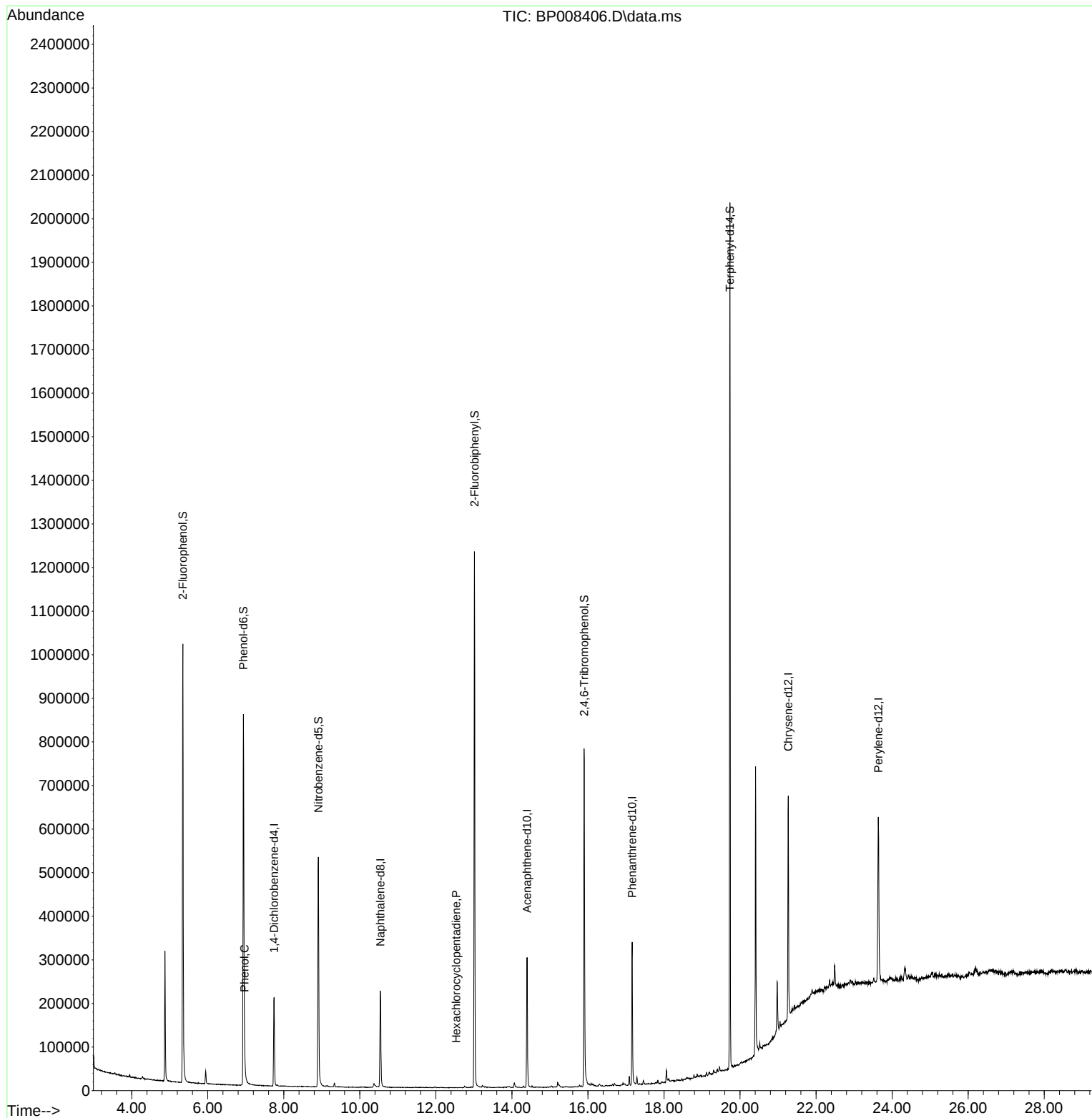
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.746  | 152  | 53944    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.540 | 136  | 186466   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.398 | 164  | 108554   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.163 | 188  | 207974   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.269 | 240  | 264700   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 23.639 | 264  | 319823   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.346  | 112  | 415289   | 121.578   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.940  | 99   | 496019   | 108.120   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.910  | 82   | 331099   | 75.225    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.904 | 330  | 166638   | 104.457   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.016 | 172  | 634365   | 74.286    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.733 | 244  | 924569   | 60.790    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.222  | 88   | 84       | Below Cal | #     | 1        |
| 9) Benzaldehyde               | 6.869  | 77   | 42       | Below Cal | #     | 42       |
| 10) Phenol                    | 6.969  | 94   | 15999    | 3.434     | ng    | # 74     |
| 41) Hexachlorocyclopentadiene | 12.540 | 237  | 22       | 8.669     | ng    | # 66     |
| -----                         |        |      |          |           |       |          |

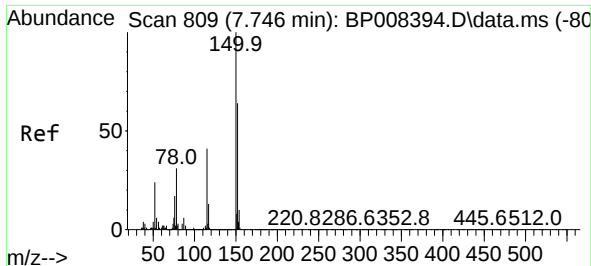
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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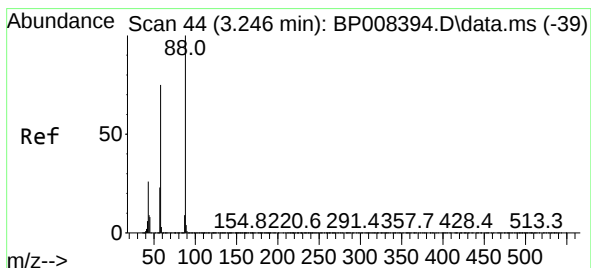
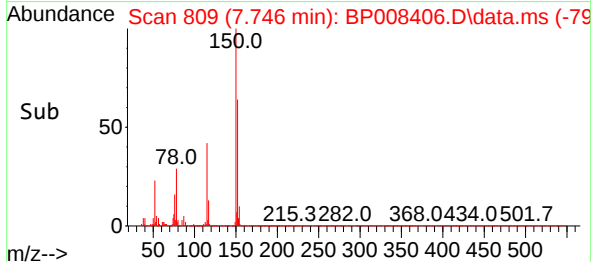
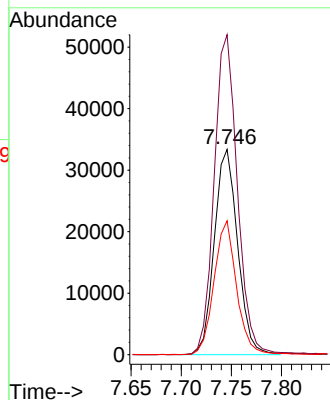
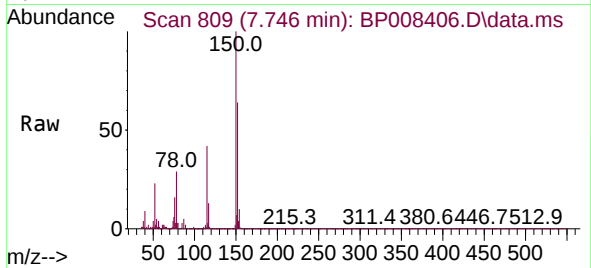




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.746 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BP008406.D  
 Acq: 14 Dec 2021 22:29

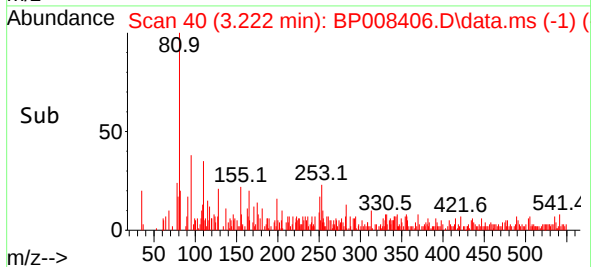
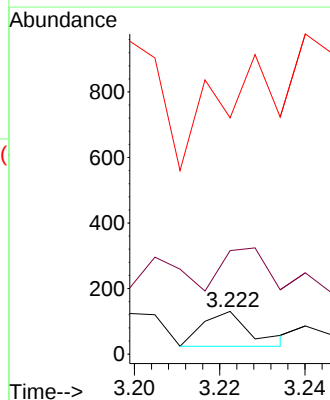
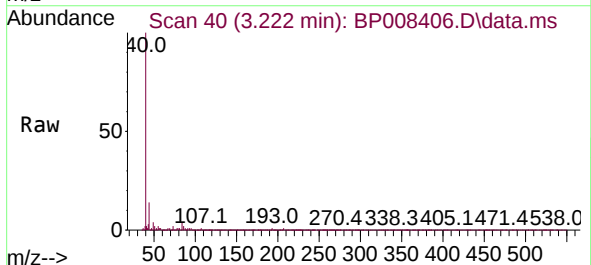
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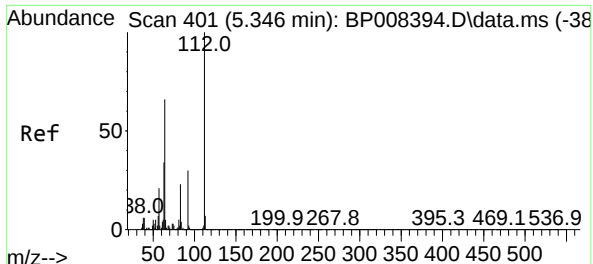
Tgt Ion:152 Resp: 53944  
 Ion Ratio Lower Upper  
 152 100  
 150 155.8 125.7 188.5  
 115 65.2 50.7 76.1



#2  
 1,4-Dioxane  
 Concen: Below Cal  
 RT: 3.222 min Scan# 40  
 Delta R.T. -0.024 min  
 Lab File: BP008406.D  
 Acq: 14 Dec 2021 22:29

Tgt Ion: 88 Resp: 84  
 Ion Ratio Lower Upper  
 88 100  
 58 138.1 63.5 95.3#  
 43 1052.4 23.4 35.2#

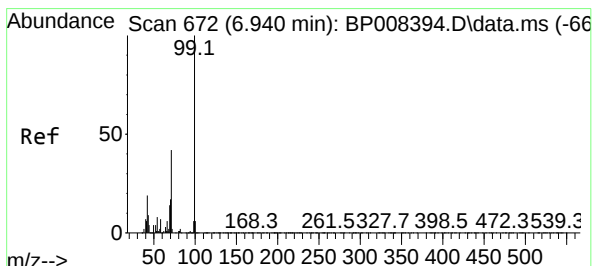
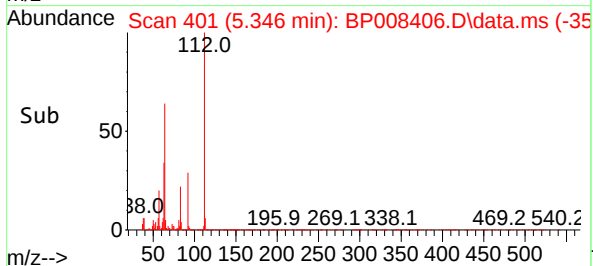
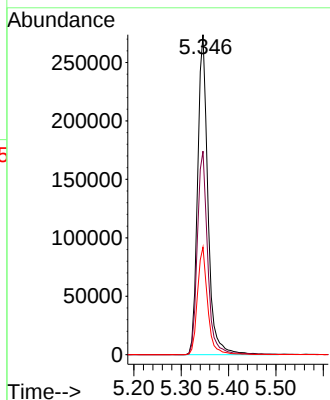
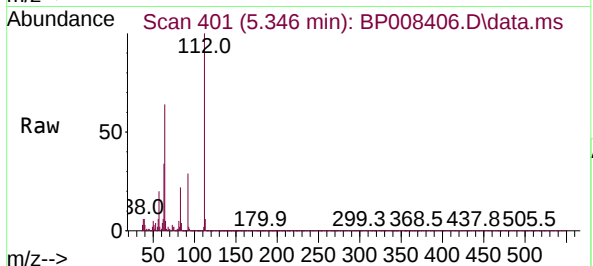




#5  
2-Fluorophenol  
Concen: 121.578 ng  
RT: 5.346 min Scan# 401  
Delta R.T. -0.000 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

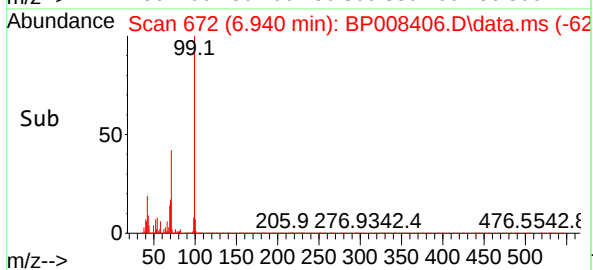
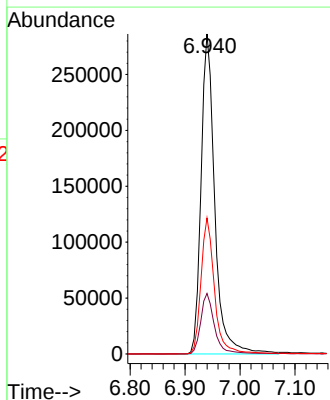
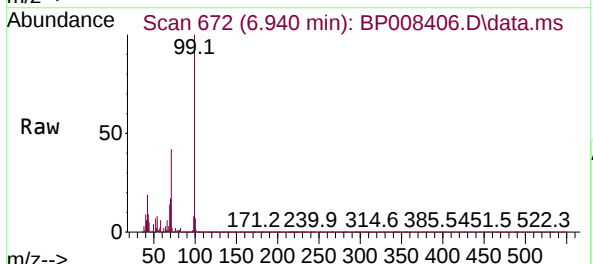
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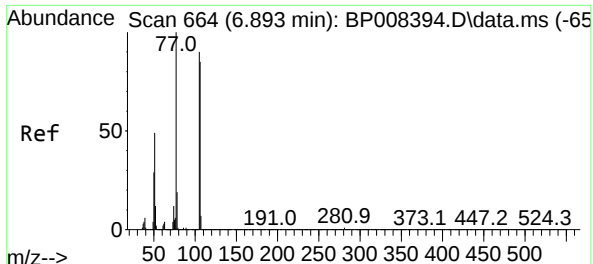
Tgt Ion:112 Resp: 415289  
Ion Ratio Lower Upper  
112 100  
64 63.6 53.4 80.2  
63 33.6 27.8 41.8



#7  
Phenol-d6  
Concen: 108.120 ng  
RT: 6.940 min Scan# 672  
Delta R.T. -0.000 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

Tgt Ion: 99 Resp: 496019  
Ion Ratio Lower Upper  
99 100  
42 18.9 14.6 22.0  
71 42.5 31.1 46.7

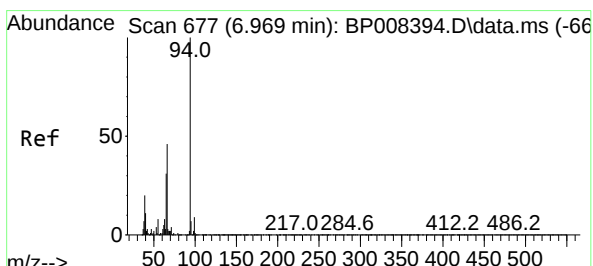
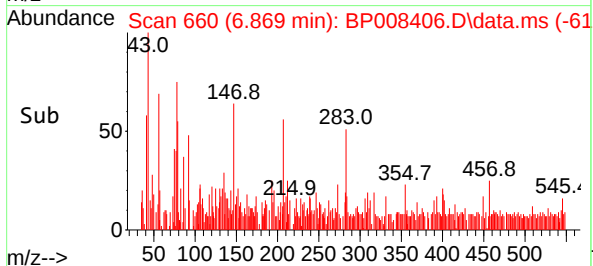
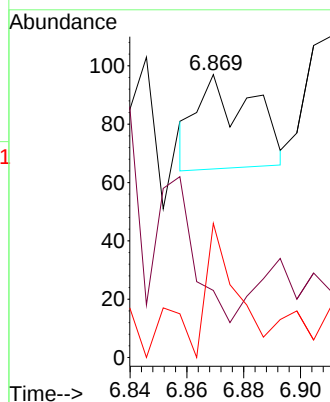
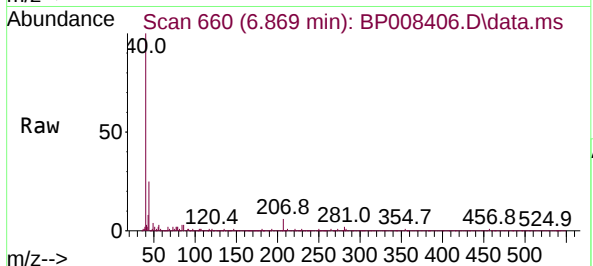




#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.869 min Scan# 610  
Delta R.T. -0.024 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

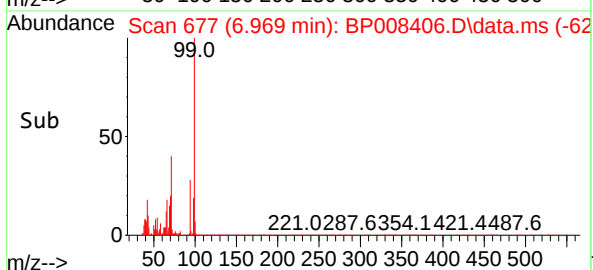
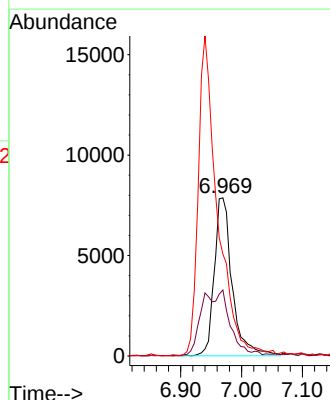
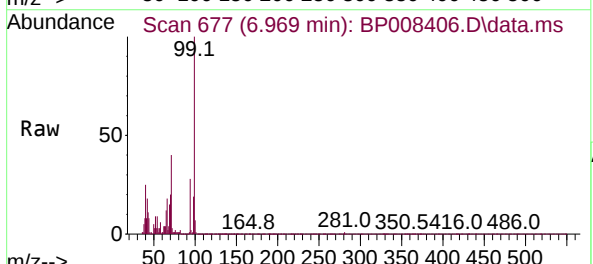
Instrument :  
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ClientSampleId :  
SB-11-C

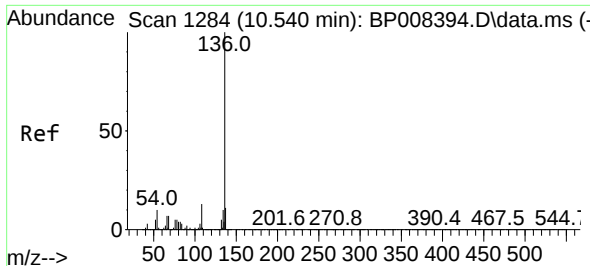
Tgt Ion: 77 Resp: 42  
Ion Ratio Lower Upper  
77 100  
105 23.7 71.8 111.8#  
106 47.4 67.3 107.3#



#10  
Phenol  
Concen: 3.434 ng  
RT: 6.969 min Scan# 677  
Delta R.T. -0.000 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

Tgt Ion: 94 Resp: 15999  
Ion Ratio Lower Upper  
94 100  
65 41.8 10.9 50.9  
66 64.4 24.3 64.3#

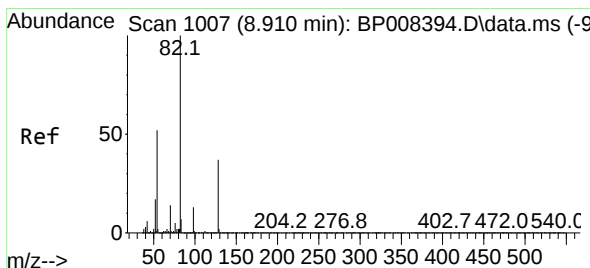
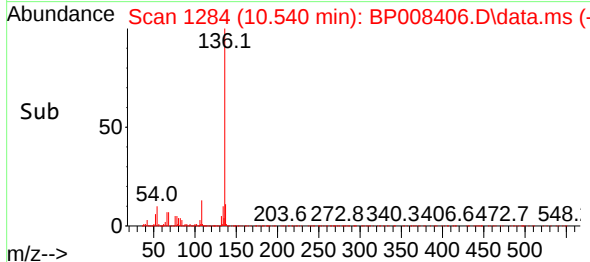
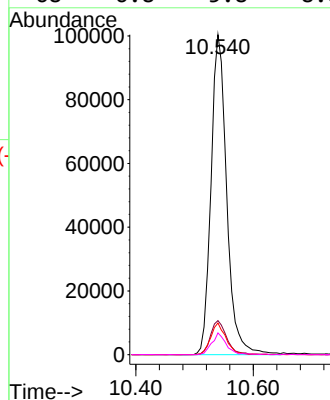
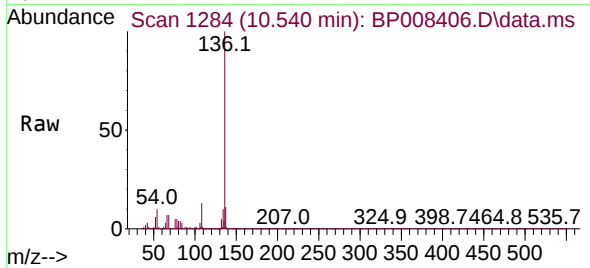




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.540 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

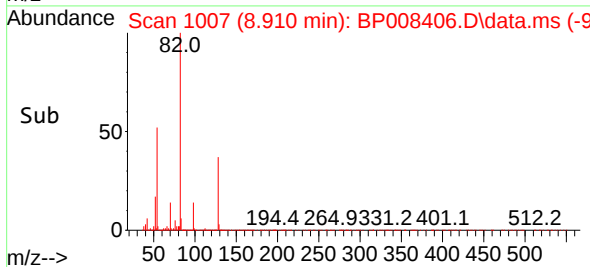
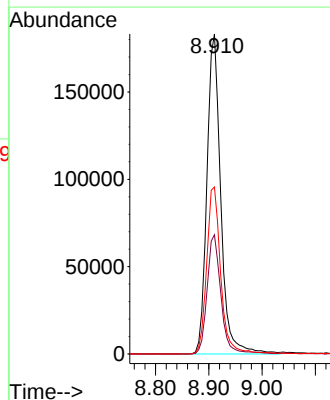
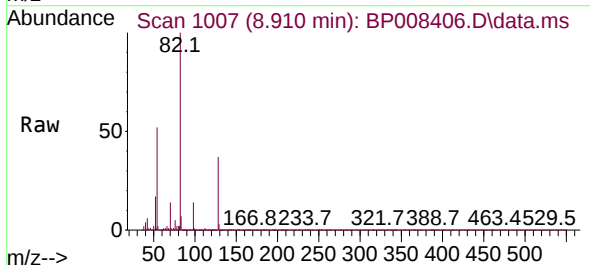
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ClientSampleId :  
SB-11-C

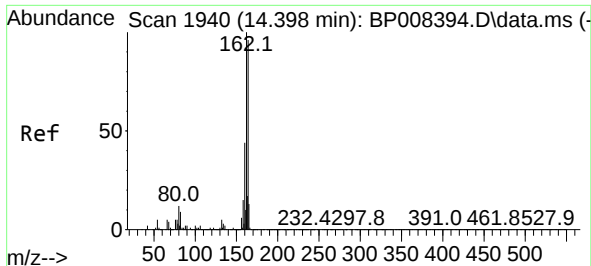
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 186466 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.7  | 9.0   | 13.6   |
| 54        | 9.9   | 8.2   | 12.4   |
| 68        | 6.8   | 5.8   | 8.8    |



#23  
Nitrobenzene-d5  
Concen: 75.225 ng  
RT: 8.910 min Scan# 1007  
Delta R.T. -0.000 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 331099 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.2  | 29.6  | 44.4   |
| 54        | 52.2  | 42.7  | 64.1   |

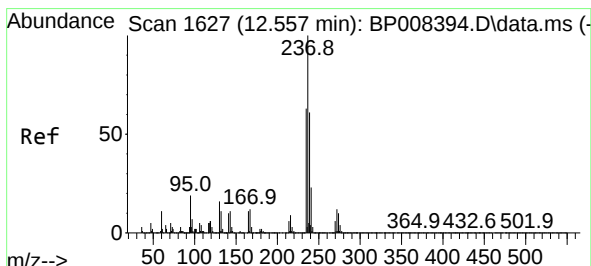
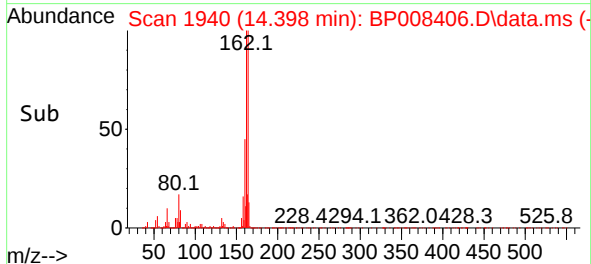
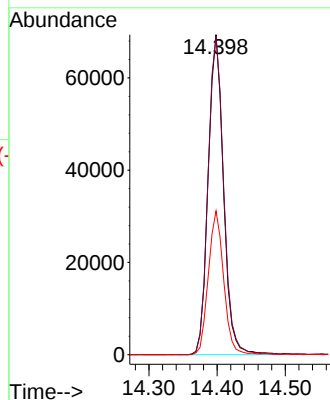
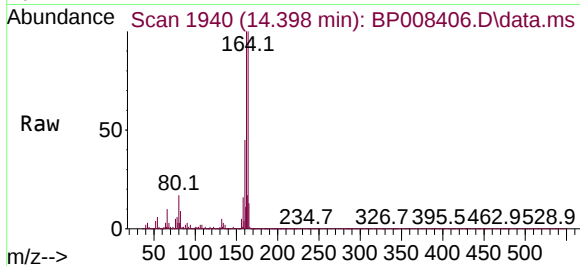




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.398 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

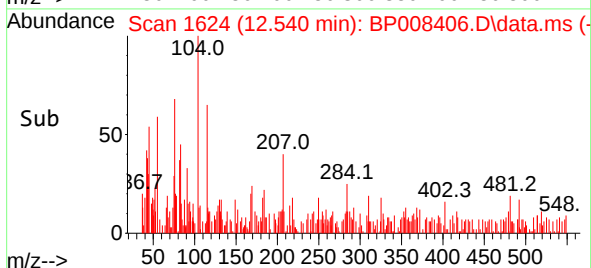
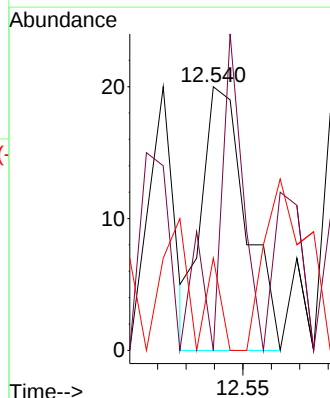
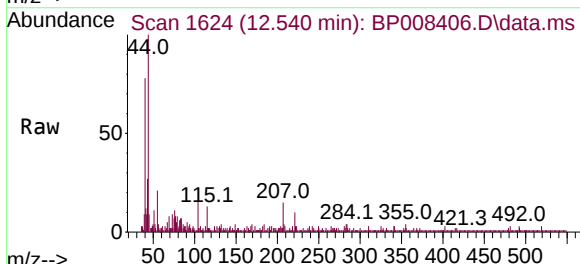
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SB-11-C

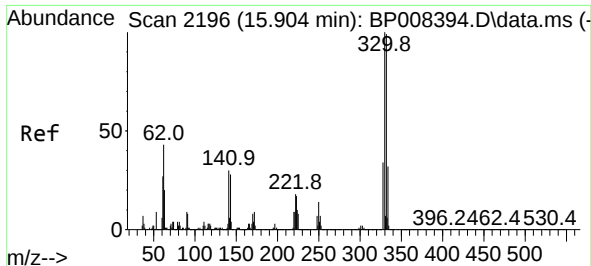
Tgt Ion:164 Resp: 108554  
Ion Ratio Lower Upper  
164 100  
162 99.6 81.9 122.9  
160 44.9 35.4 53.0



#41  
Hexachlorocyclopentadiene  
Concen: 8.669 ng  
RT: 12.540 min Scan# 1624  
Delta R.T. -0.017 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

Tgt Ion:237 Resp: 22  
Ion Ratio Lower Upper  
237 100  
235 40.0 42.3 82.3#  
272 35.0 0.0 32.2#

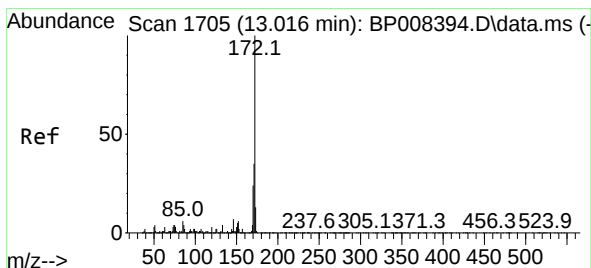
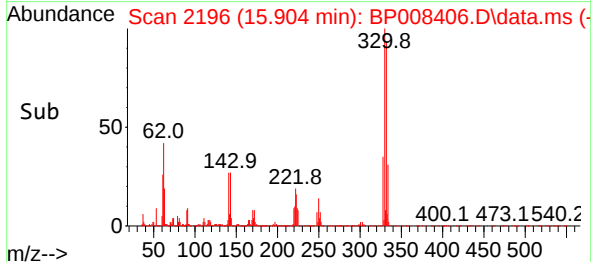
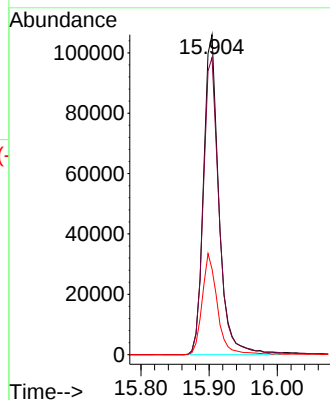
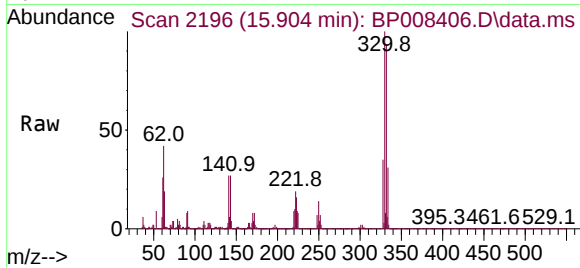




#42  
2,4,6-Tribromophenol  
Concen: 104.457 ng  
RT: 15.904 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

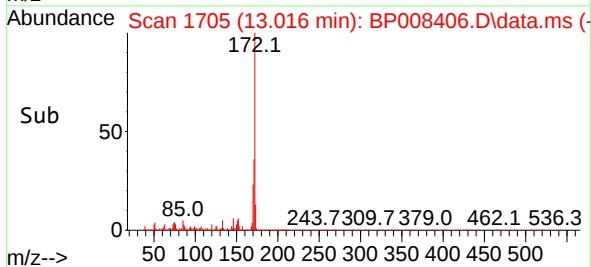
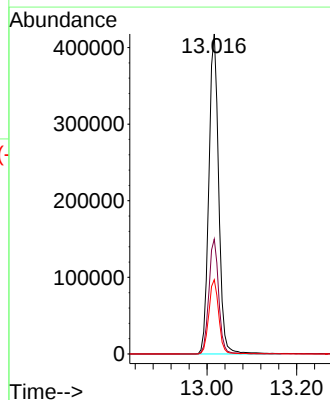
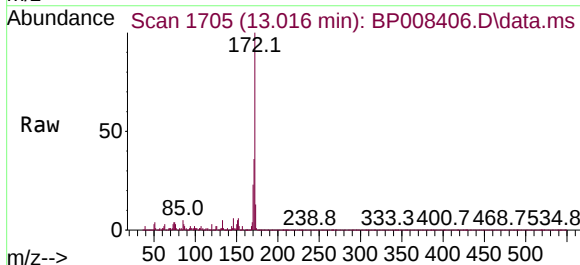
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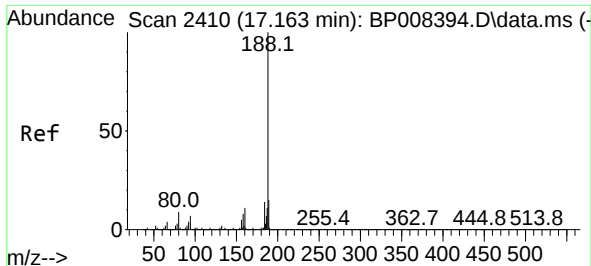
Tgt Ion:330 Resp: 166638  
Ion Ratio Lower Upper  
330 100  
332 95.2 77.0 115.4  
141 31.3 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 74.286 ng  
RT: 13.016 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

Tgt Ion:172 Resp: 634365  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.0 42.0  
170 23.2 18.9 28.3

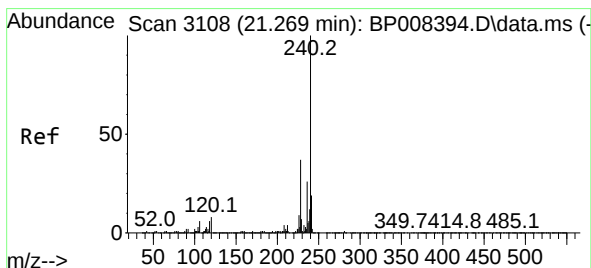
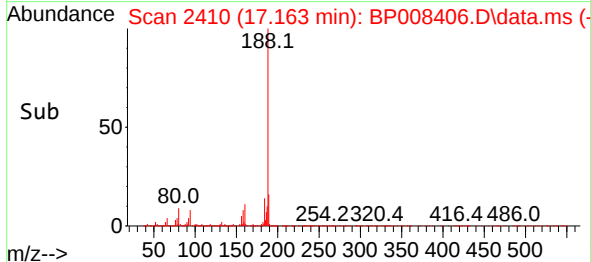
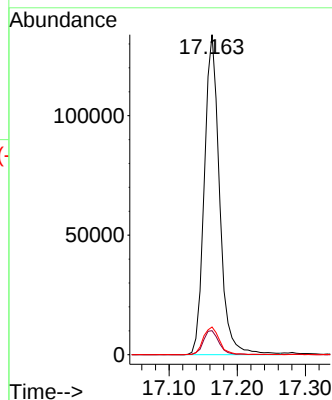
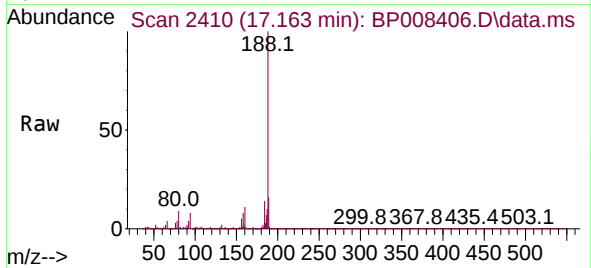




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.163 min Scan# 2410  
Delta R.T. -0.000 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

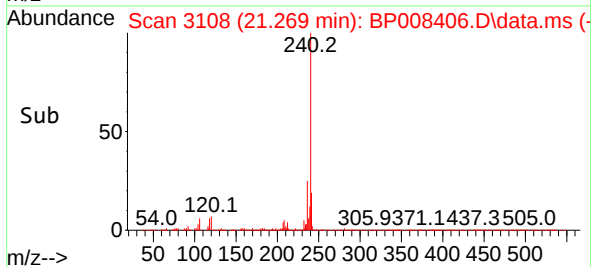
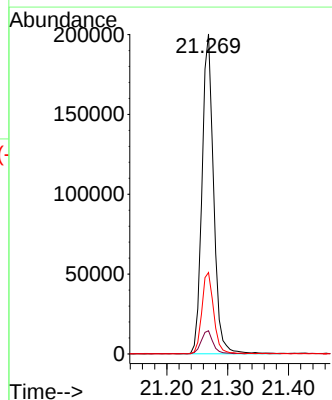
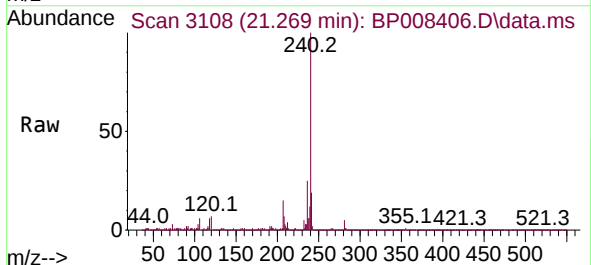
Instrument :  
BNA\_P  
ClientSampleId :  
SB-11-C

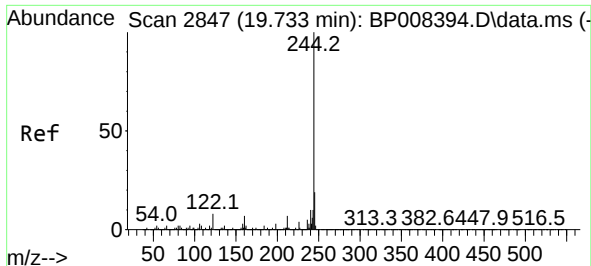
Tgt Ion:188 Resp: 207974  
Ion Ratio Lower Upper  
188 100  
94 7.5 7.2 10.8  
80 8.6 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.269 min Scan# 3108  
Delta R.T. -0.000 min  
Lab File: BP008406.D  
Acq: 14 Dec 2021 22:29

Tgt Ion:240 Resp: 264700  
Ion Ratio Lower Upper  
240 100  
120 7.2 7.3 10.9#  
236 25.5 21.4 32.2

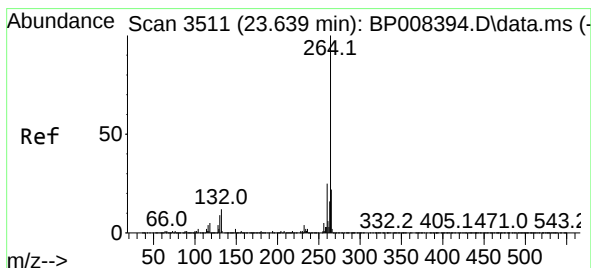
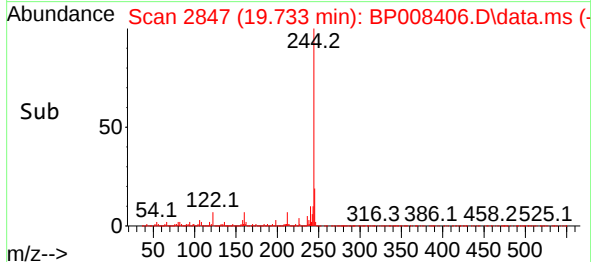
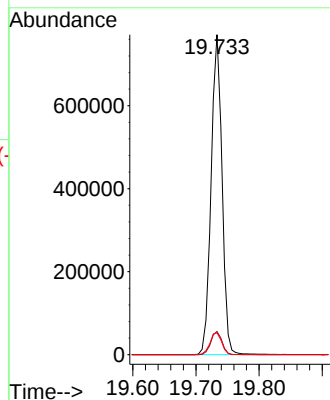
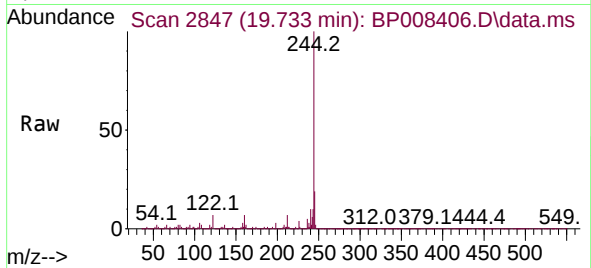




#79  
 Terphenyl-d14  
 Concen: 60.790 ng  
 RT: 19.733 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BP008406.D  
 Acq: 14 Dec 2021 22:29

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-11-C

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 244   | Resp: | 924569 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 7.2   | 6.0   | 9.0    |
| 122      | 6.8   | 6.6   | 9.8    |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.639 min Scan# 3511  
 Delta R.T. -0.000 min  
 Lab File: BP008406.D  
 Acq: 14 Dec 2021 22:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 319823 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.4  | 19.4  | 29.2   |
| 265      | 21.9  | 17.6  | 26.4   |

