

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112020\  
 Data File : BP004023.D  
 Acq On : 20 Nov 2020 14:07  
 Operator : CG/JU  
 Sample : L4779-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 1623

Quant Time: Nov 20 15:13:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 20 12:19:10 2020  
 Response via : Initial Calibration

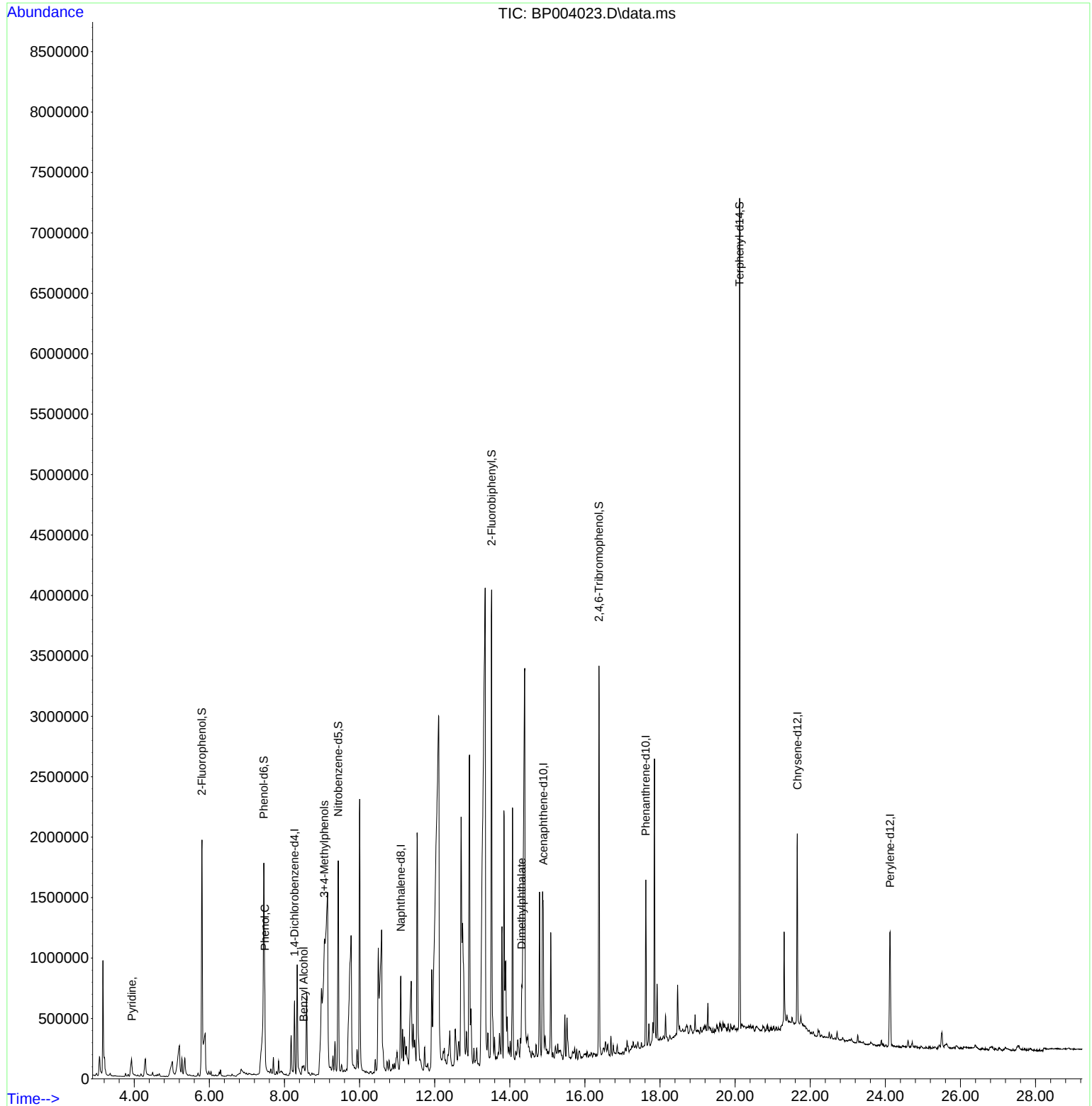
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.269  | 152  | 160784   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.098 | 136  | 611921   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.892 | 164  | 370946   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.621 | 188  | 786708   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.656 | 240  | 772942   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 24.127 | 264  | 783648   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.804  | 112  | 760305   | 78.92  | ng    | 0.00     |
| 7) Phenol-d6                | 7.451  | 99   | 733149   | 53.01  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.434  | 82   | 970405   | 77.67  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.374 | 330  | 615487   | 132.66 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.516 | 172  | 1956430  | 73.73  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.121 | 244  | 2868107  | 71.69  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 3) Pyridine                 | 3.940  | 79   | 24448    | 2.01   | ng    | # 60     |
| 10) Phenol                  | 7.481  | 94   | 57924    | 4.34   | ng    | 76       |
| 15) Benzyl Alcohol          | 8.510  | 79   | 19931    | 2.08   | ng    | # 85     |
| 20) 3+4-Methylphenols       | 9.063  | 107  | 82103    | 7.02   | ng    | 92       |
| 50) Dimethylphthalate       | 14.316 | 163  | 213710   | 7.37   | ng    | 100      |
| -----                       |        |      |          |        |       |          |

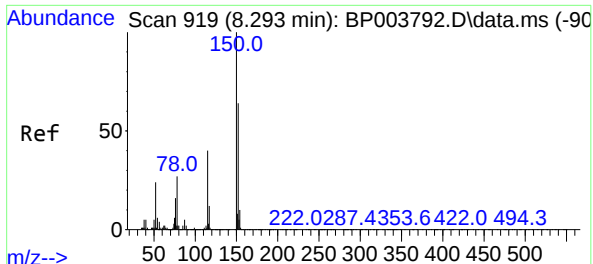
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L4779-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Nov 20 15:13:15 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 20 12:19:10 2020  
Response via : Initial Calibration

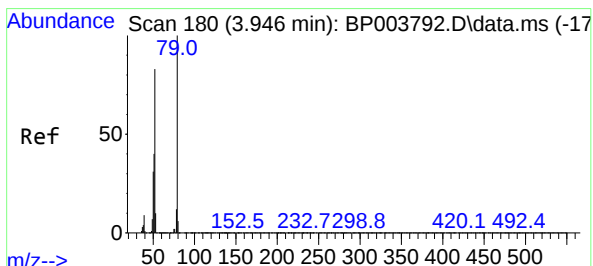
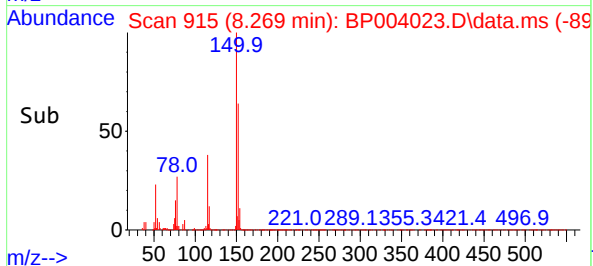
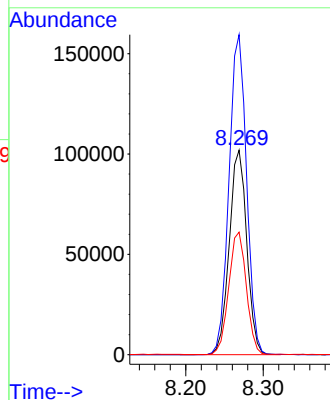
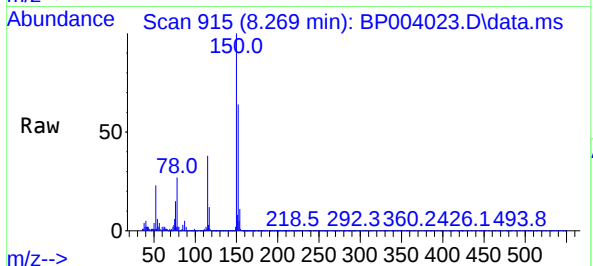




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.269 min Scan# 915  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

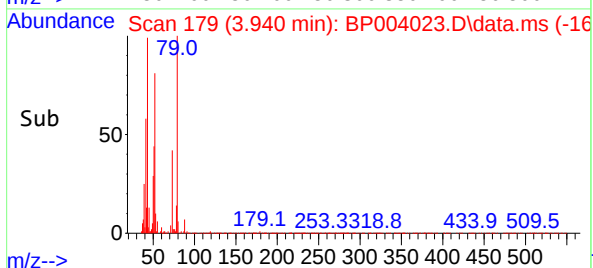
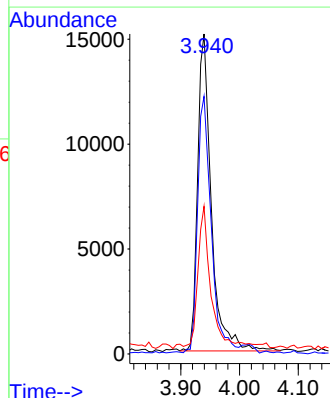
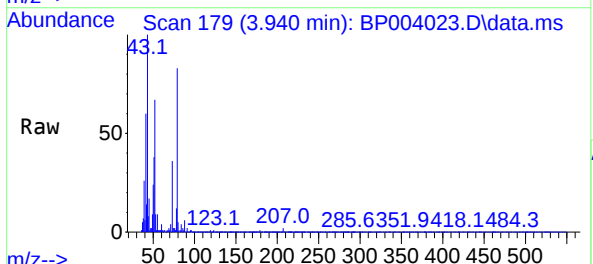
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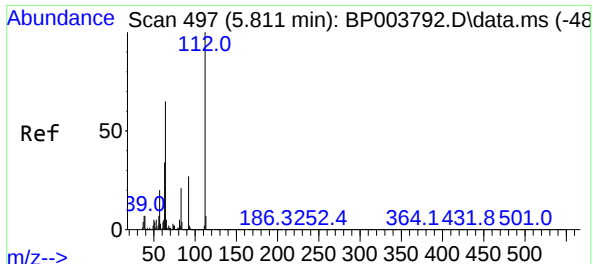
Tgt Ion:152 Resp: 160784  
Ion Ratio Lower Upper  
152 100  
150 156.4 123.8 185.6  
115 59.9 43.8 65.6



#3  
Pyridine  
Concen: 2.01 ng  
RT: 3.940 min Scan# 179  
Delta R.T. 0.011 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

Tgt Ion: 79 Resp: 24448  
Ion Ratio Lower Upper  
79 100  
52 80.5 41.3 61.9#  
51 46.1 21.2 31.8#

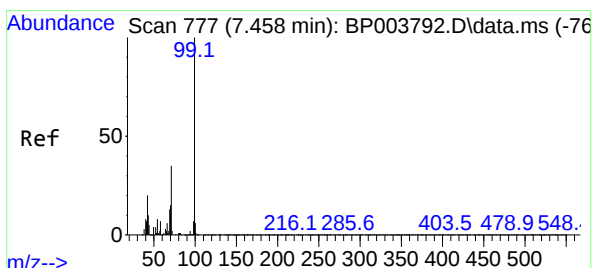
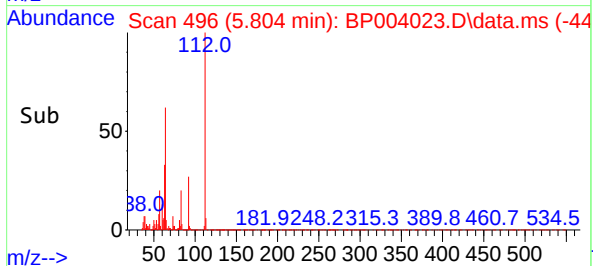
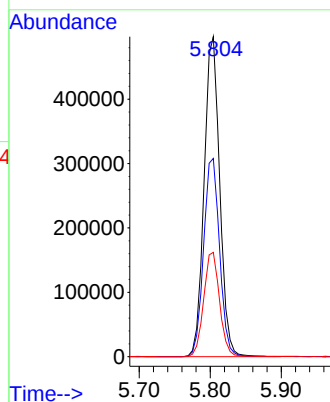
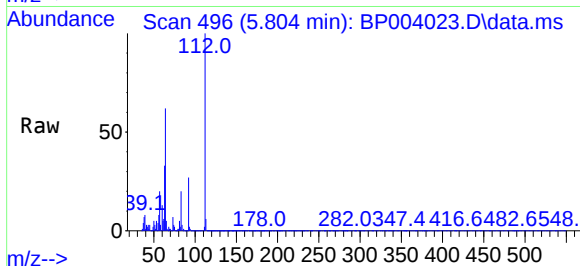




#5  
2-Fluorophenol  
Concen: 78.92 ng  
RT: 5.804 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

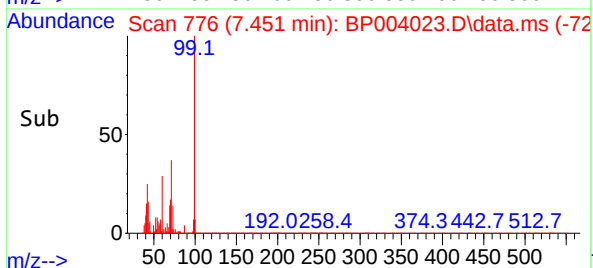
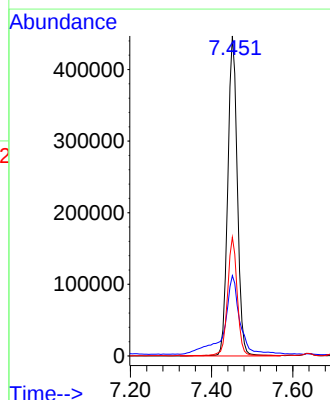
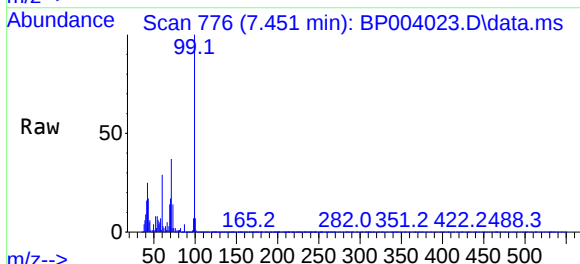
Instrument :  
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ClientSampleId :  
1623

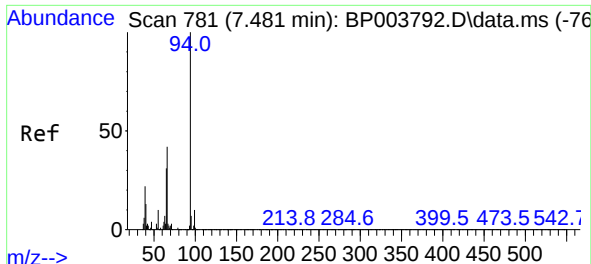
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 760305 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 62.0  | 32.8  | 49.2#  |
| 63       | 32.6  | 17.0  | 25.4#  |



#7  
Phenol-d6  
Concen: 53.01 ng  
RT: 7.451 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 733149 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 25.1  | 8.6   | 13.0#  |
| 71       | 37.1  | 23.4  | 35.2#  |

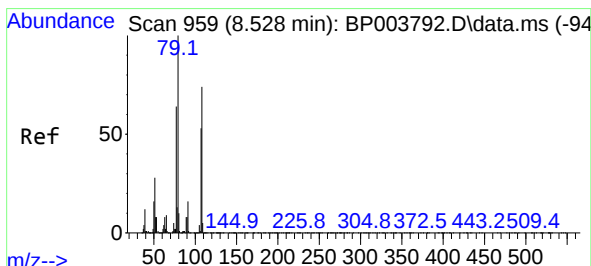
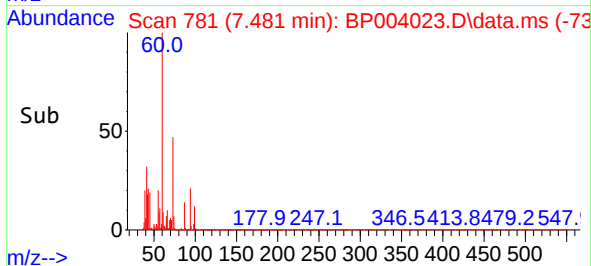
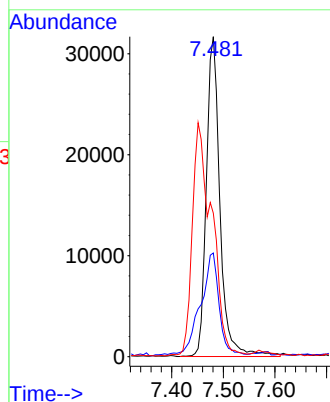
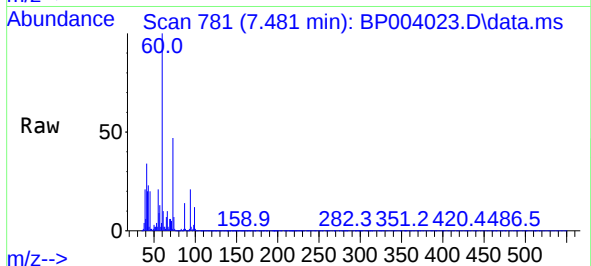




#10  
Phenol  
Concen: 4.34 ng  
RT: 7.481 min Scan# 781  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

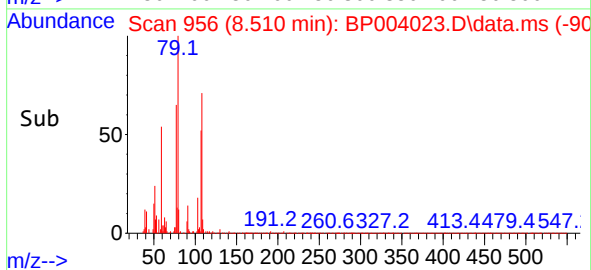
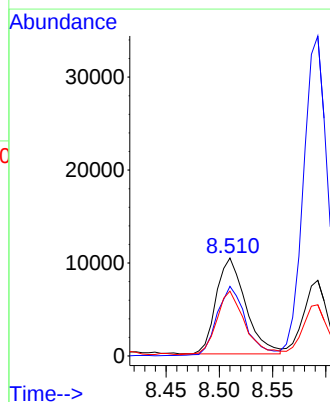
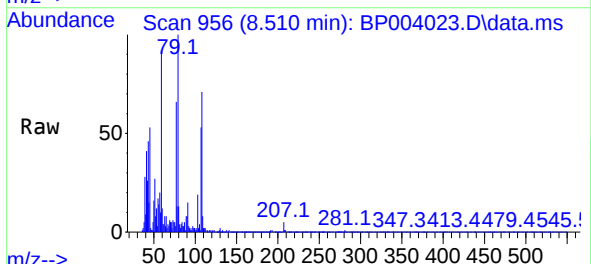
Instrument :  
BNA\_P  
ClientSampleId :  
1623

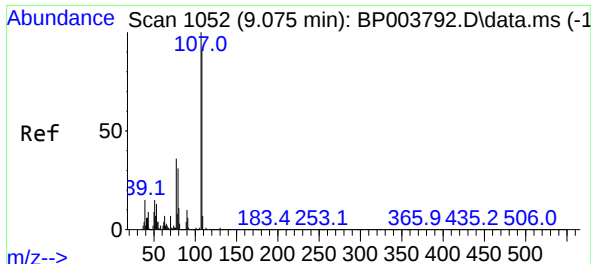
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 57924 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 32.4  | 2.3   | 42.3  |
| 66       | 44.9  | 10.9  | 50.9  |



#15  
Benzyl Alcohol  
Concen: 2.08 ng  
RT: 8.510 min Scan# 956  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 19931  |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 71.0  | 73.5  | 110.3# |
| 77       | 66.1  | 50.3  | 75.5   |

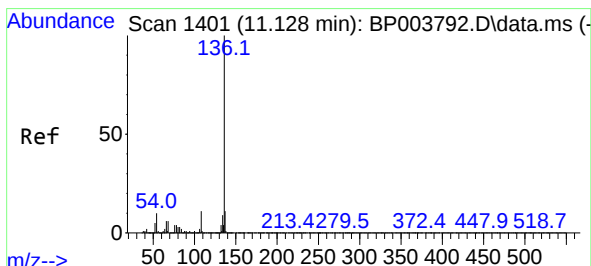
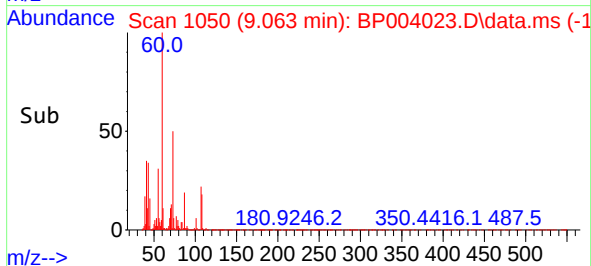
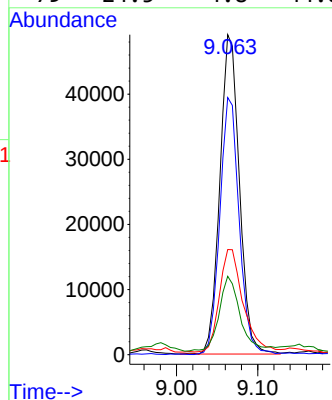
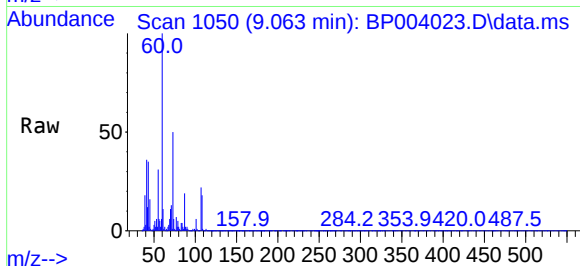




#20  
3+4-Methylphenols  
Concen: 7.02 ng  
RT: 9.063 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

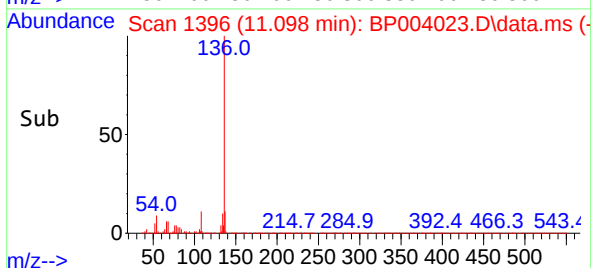
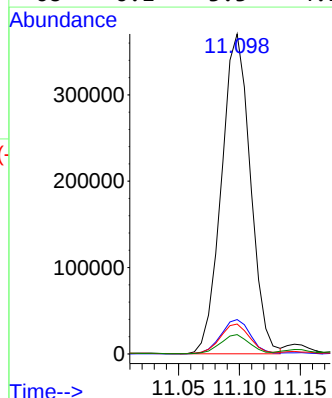
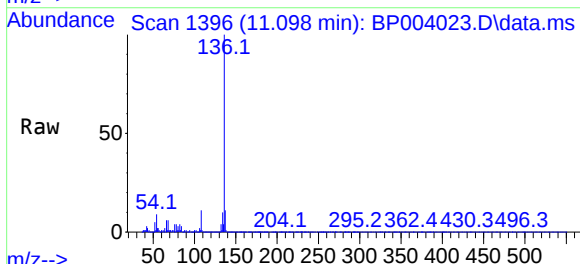
Instrument :  
BNA\_P  
ClientSampleId :  
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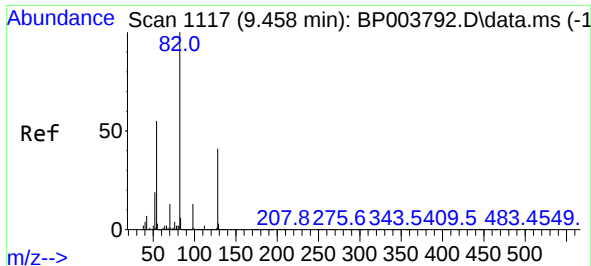
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 82103 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 80.3  | 69.0  | 109.0 |
| 77       | 32.8  | 8.5   | 48.5  |
| 79       | 24.5  | 4.8   | 44.8  |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.098 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 611921 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 13.0   |
| 54       | 9.3   | 3.6   | 5.4#   |
| 68       | 6.1   | 3.3   | 4.9#   |

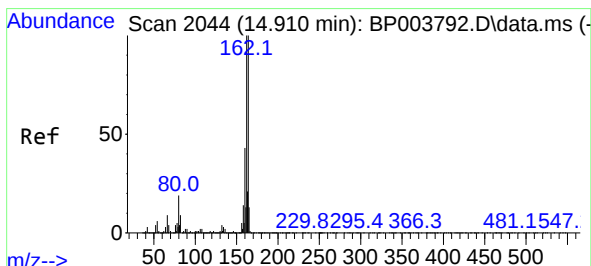
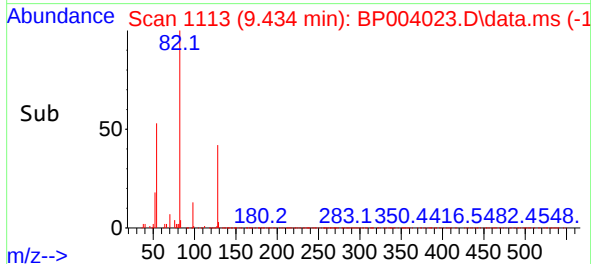
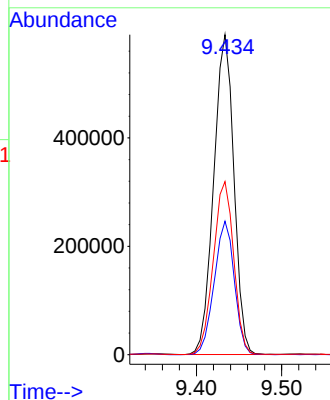
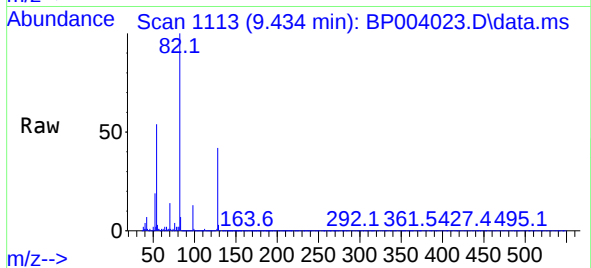




#23  
Nitrobenzene-d5  
Concen: 77.67 ng  
RT: 9.434 min Scan# 1113  
Delta R.T. -0.006 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

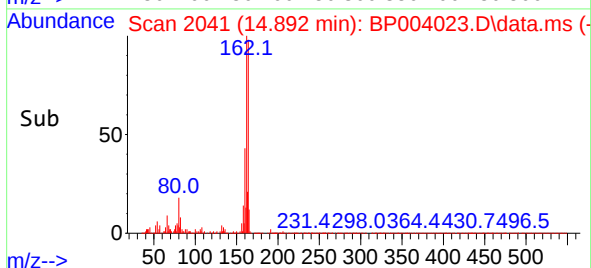
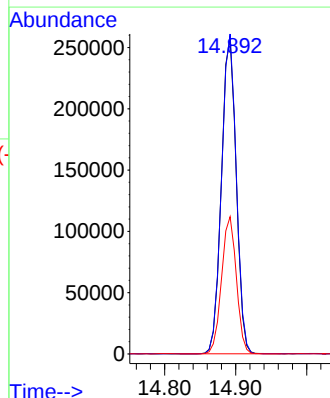
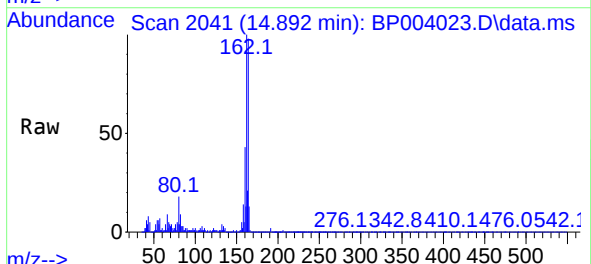
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ClientSampleId :  
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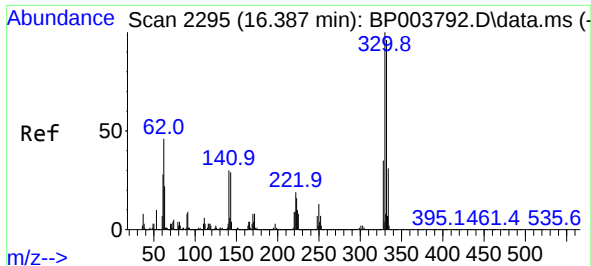
Tgt Ion: 82 Resp: 970405  
Ion Ratio Lower Upper  
82 100  
128 41.7 45.6 68.4#  
54 54.1 30.1 45.1#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.892 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

Tgt Ion: 164 Resp: 370946  
Ion Ratio Lower Upper  
164 100  
162 101.6 79.4 119.2  
160 43.6 36.1 54.1

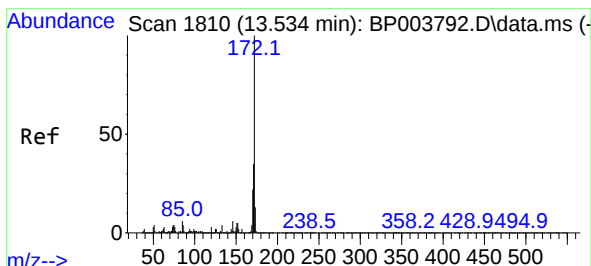
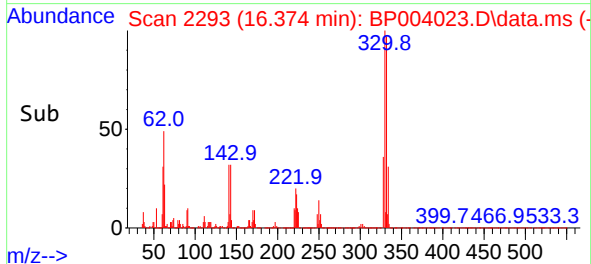
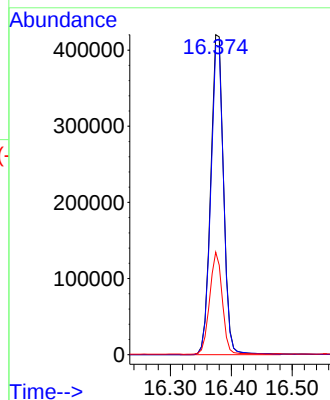
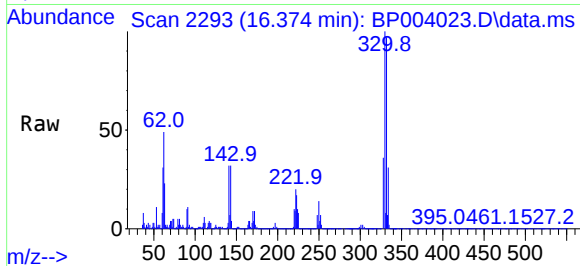




#42  
2,4,6-Tribromophenol  
Concen: 132.66 ng  
RT: 16.374 min Scan# 2293  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

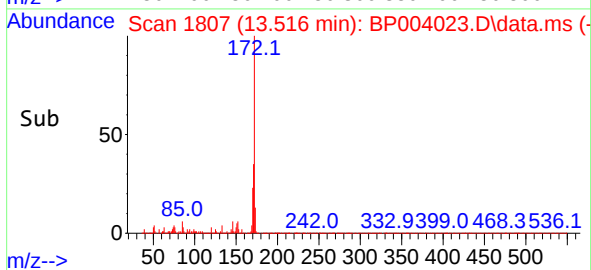
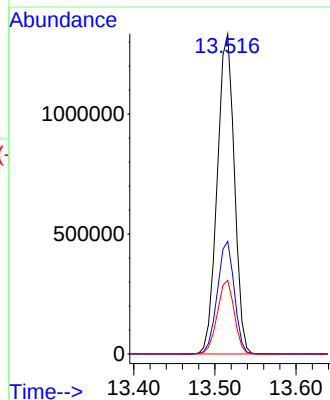
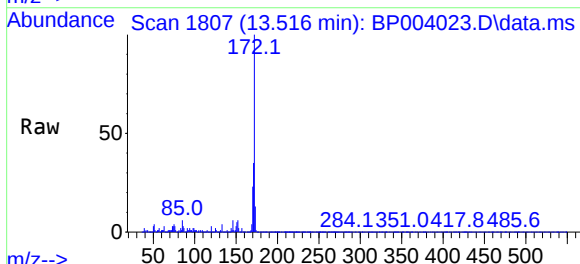
Instrument :  
BNA\_P  
ClientSampleId :  
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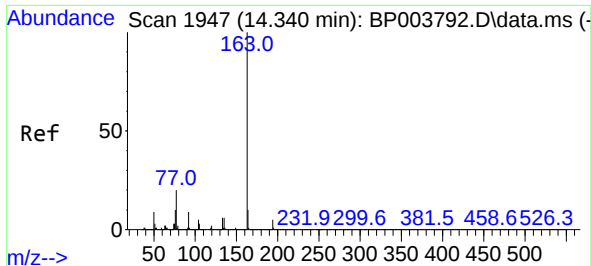
Tgt Ion:330 Resp: 615487  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.1 115.7  
141 31.6 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 73.73 ng  
RT: 13.516 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

Tgt Ion:172 Resp: 1956430  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.5 42.7  
170 23.1 19.2 28.8

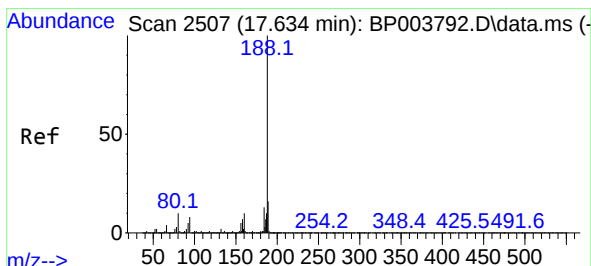
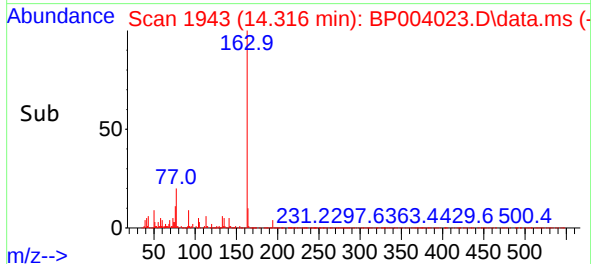
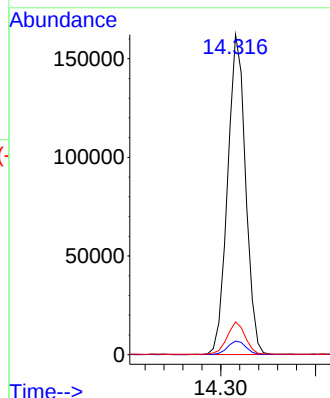
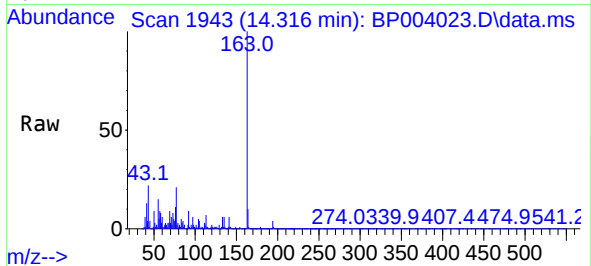




#50  
Dimethylphthalate  
Concen: 7.37 ng  
RT: 14.316 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

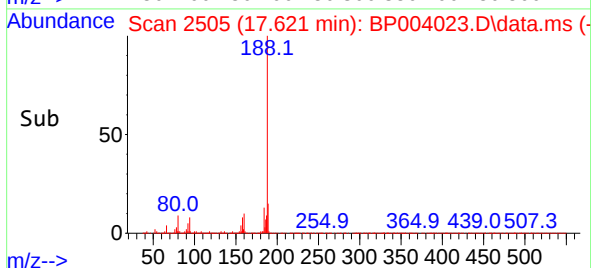
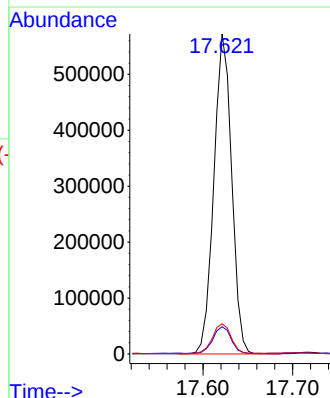
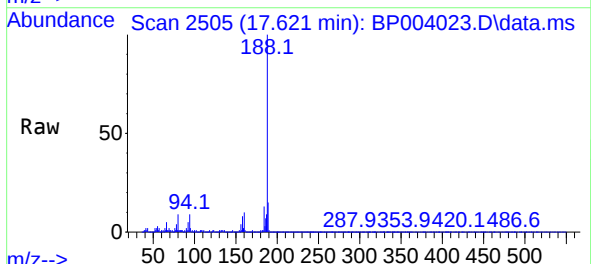
Instrument :  
BNA\_P  
ClientSampleId :  
1623

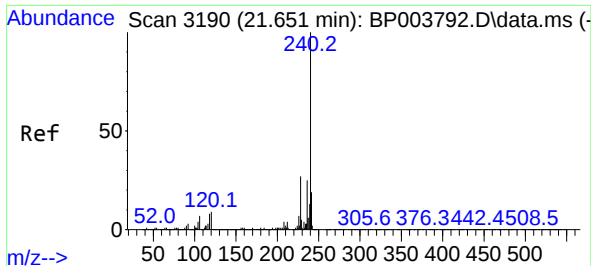
Tgt Ion:163 Resp: 213710  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.2 8.2 12.2



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.621 min Scan# 2505  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

Tgt Ion:188 Resp: 786708  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.2 9.2  
80 9.4 6.2 9.2#

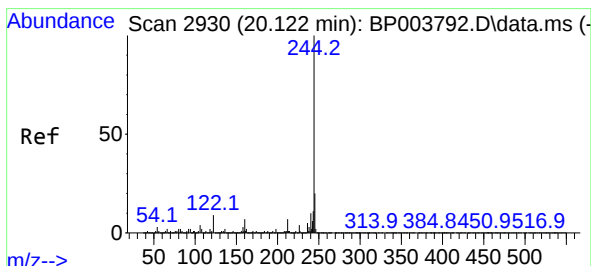
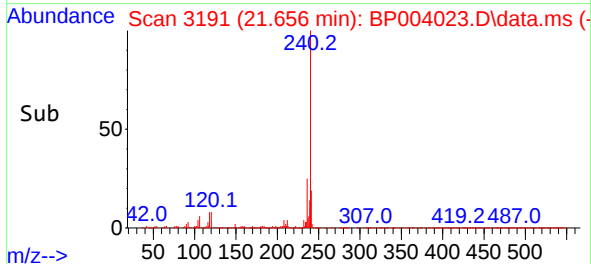
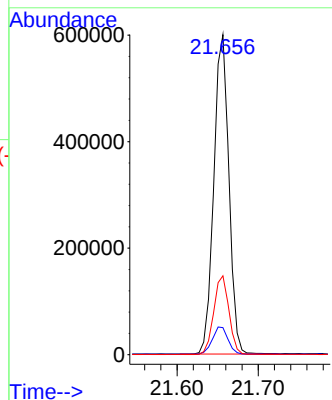
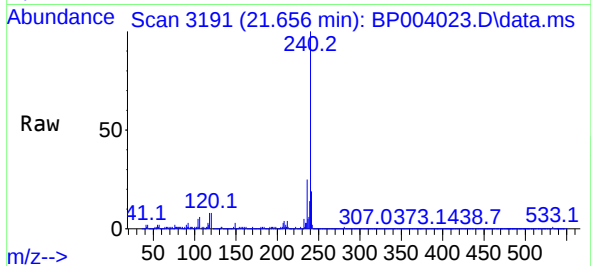




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.656 min Scan# 3191  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

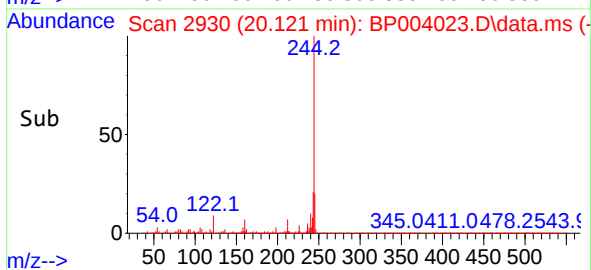
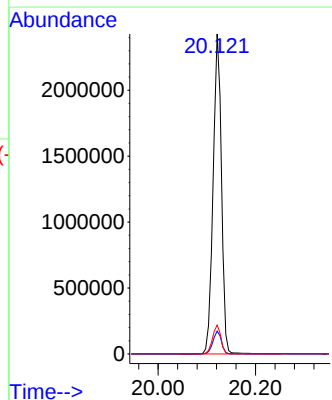
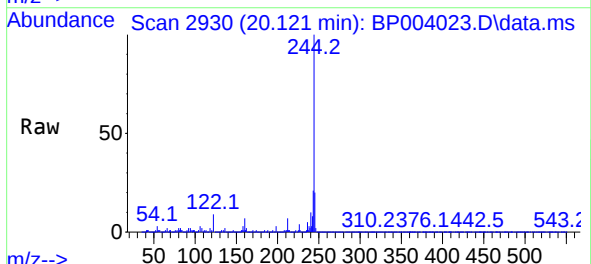
Instrument :  
BNA\_P  
ClientSampleId :  
1623

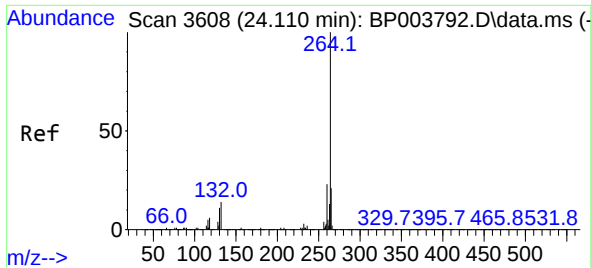
Tgt Ion:240 Resp: 772942  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.8 11.6  
236 24.6 20.8 31.2



#79  
Terphenyl-d14  
Concen: 71.69 ng  
RT: 20.121 min Scan# 2930  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

Tgt Ion:244 Resp: 2868107  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.6  
122 9.1 7.8 11.8





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.127 min Scan# 3611  
Delta R.T. -0.000 min  
Lab File: BP004023.D  
Acq: 20 Nov 2020 14:07

Instrument :  
BNA\_P  
ClientSampleId :  
1623

Tgt Ion:264 Resp: 783648

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.8  | 18.8  | 28.2  |
| 265 | 21.5  | 17.4  | 26.2  |

