

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120320\  
 Data File : BP004134.D  
 Acq On : 03 Dec 2020 18:01  
 Operator : CG/JU  
 Sample : L4932-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 R-LA-35-1-WC

Quant Time: Dec 04 00:11:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 02 11:39:42 2020  
 Response via : Initial Calibration

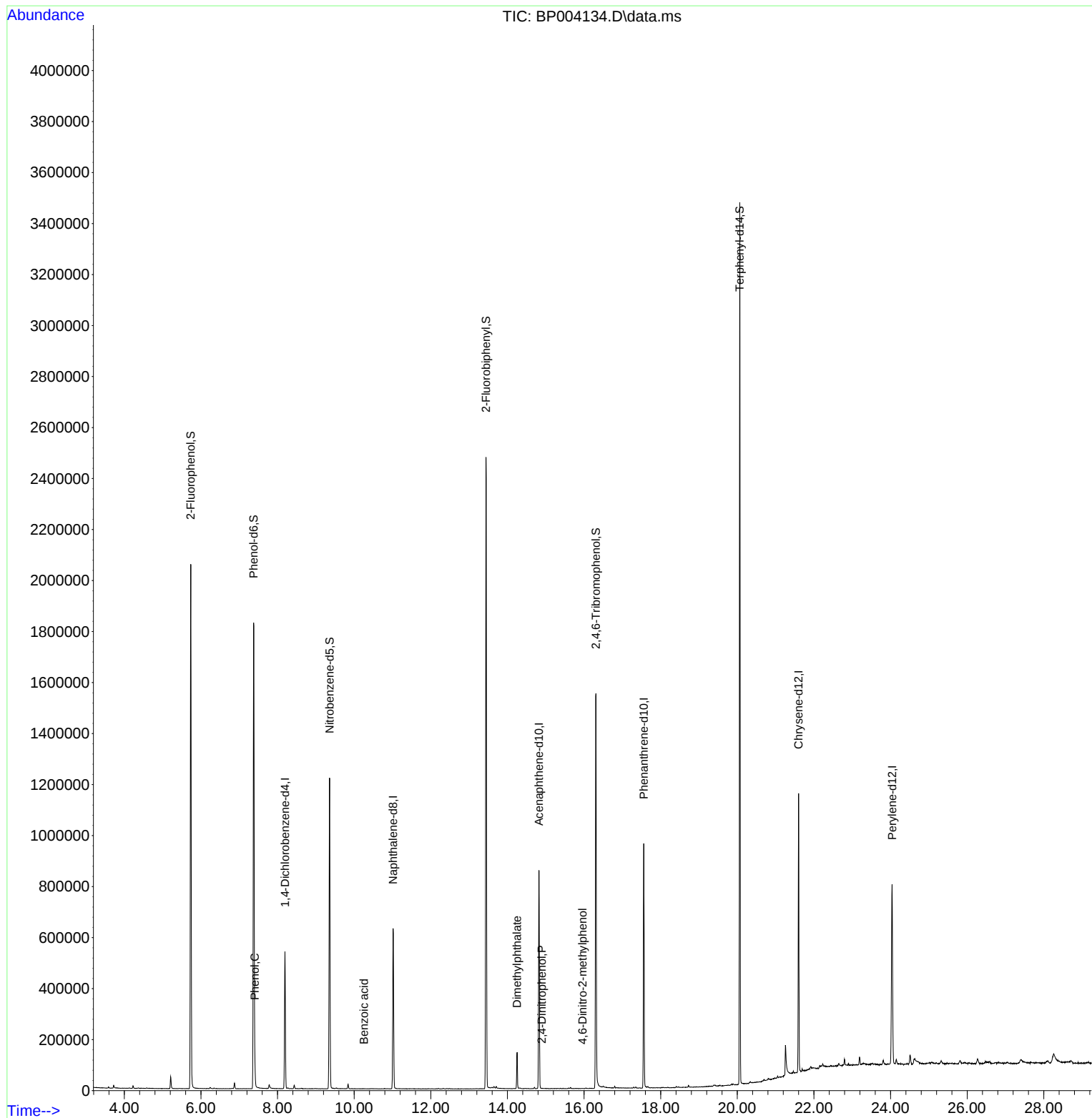
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.193  | 152  | 138420   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.016 | 136  | 508110   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.822 | 164  | 284555   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.557 | 188  | 554563   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.598 | 240  | 523396   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 24.039 | 264  | 532497   | 20.00     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.734  | 112  | 822895   | 99.22     | ng    | 0.00     |
| 7) Phenol-d6                  | 7.375  | 99   | 1022726  | 85.90     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.357  | 82   | 650370   | 62.69     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.310 | 330  | 299363   | 84.11     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.440 | 172  | 1266604  | 62.23     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.063 | 244  | 1447720  | 53.44     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.305  | 77   | 123      | Below Cal | #     | 10       |
| 10) Phenol                    | 7.405  | 94   | 44214    | 3.85      | ng    | 74       |
| 32) Benzoic acid              | 10.257 | 122  | 11       | 8.31      | ng    | 95       |
| 50) Dimethylphthalate         | 14.251 | 163  | 88093    | 3.96      | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.898 | 184  | 22       | 2.74      | ng    | # 67     |
| 65) 4,6-Dinitro-2-methylph... | 15.963 | 198  | 20       | 6.35      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

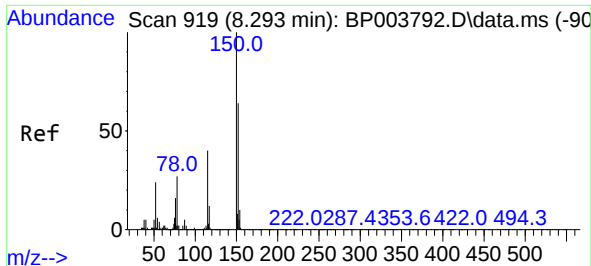
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120320\  
Data File : BP004134.D  
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Sample : L4932-01  
Misc :  
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Instrument :  
BNA\_P  
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R-LA-35-1-WC

Quant Time: Dec 04 00:11:09 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP110320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 02 11:39:42 2020  
Response via : Initial Calibration

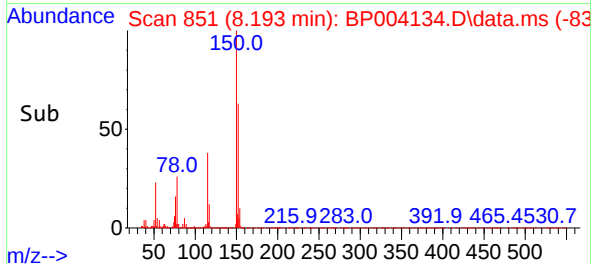
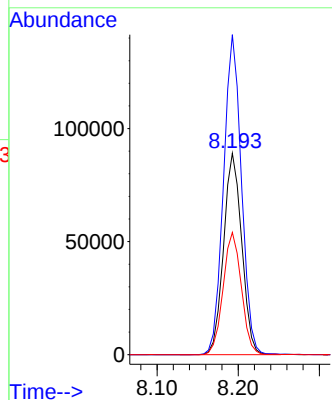
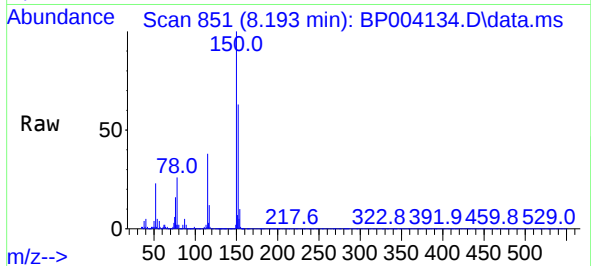




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.193 min Scan# 851  
Delta R.T. -0.000 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

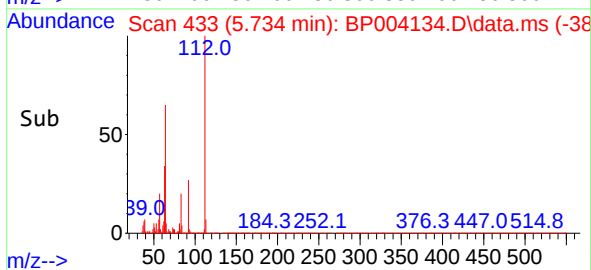
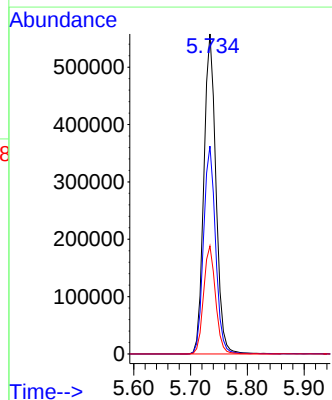
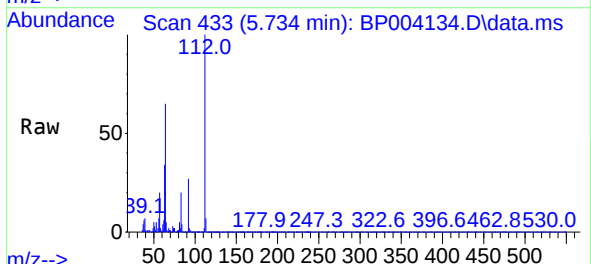
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BNA\_P  
ClientSampleId :  
R-LA-35-1-WC

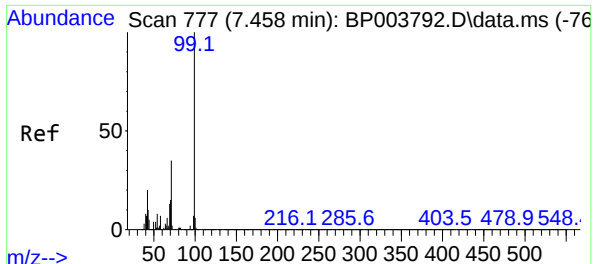
Tgt Ion:152 Resp: 138420  
Ion Ratio Lower Upper  
152 100  
150 158.8 123.8 185.6  
115 60.7 43.8 65.6



#5  
2-Fluorophenol  
Concen: 99.22 ng  
RT: 5.734 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

Tgt Ion:112 Resp: 822895  
Ion Ratio Lower Upper  
112 100  
64 64.9 32.8 49.2#  
63 33.8 17.0 25.4#

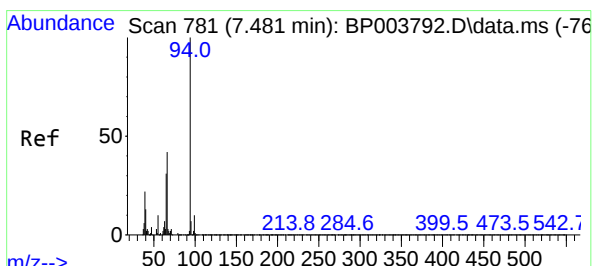
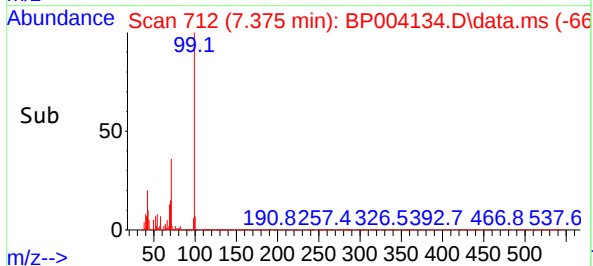
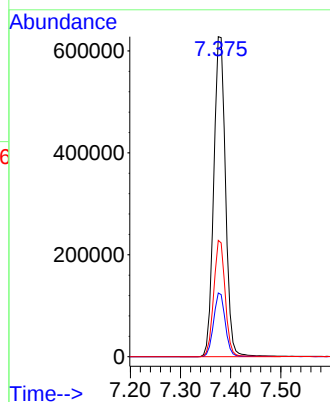
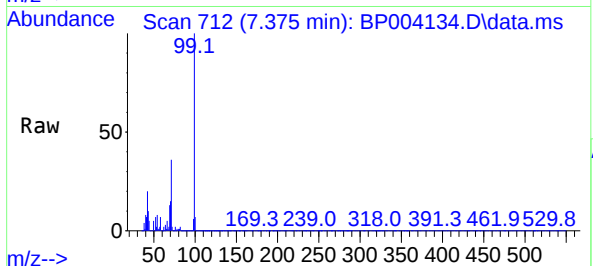




#7  
Phenol-d6  
Concen: 85.90 ng  
RT: 7.375 min Scan# 712  
Delta R.T. -0.006 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

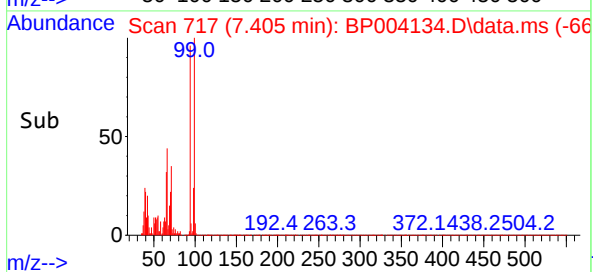
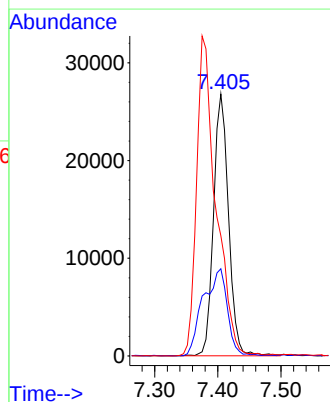
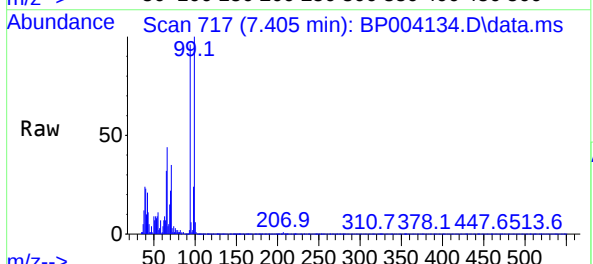
Instrument :  
BNA\_P  
ClientSampleId :  
R-LA-35-1-WC

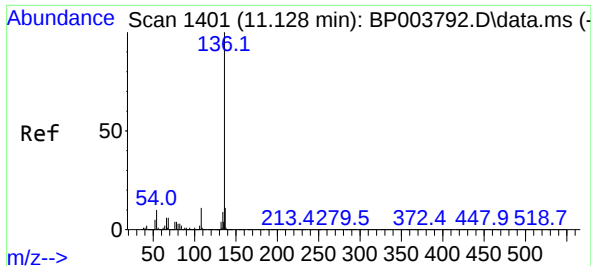
Tgt Ion: 99 Resp: 1022726  
Ion Ratio Lower Upper  
99 100  
42 19.9 8.6 13.0#  
71 36.4 23.4 35.2#



#10  
Phenol  
Concen: 3.85 ng  
RT: 7.405 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

Tgt Ion: 94 Resp: 44214  
Ion Ratio Lower Upper  
94 100  
65 33.3 2.3 42.3  
66 45.9 10.9 50.9



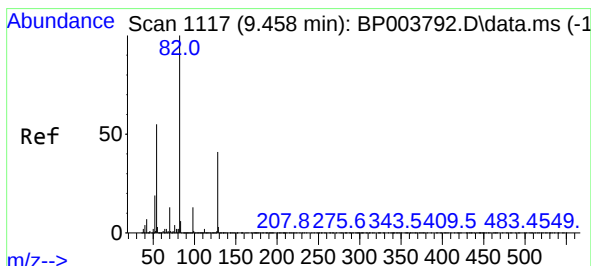
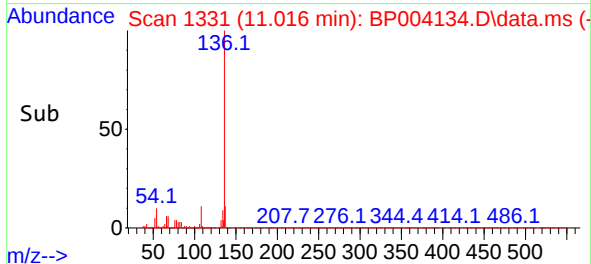
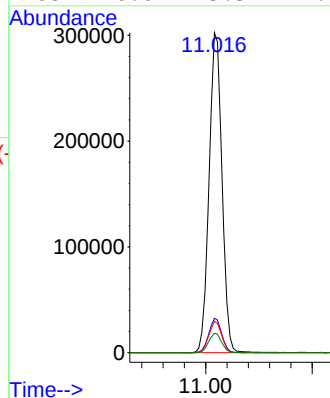
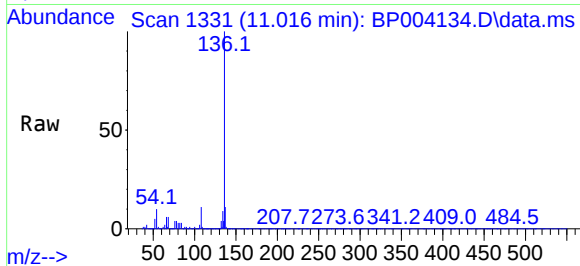


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.016 min Scan# 1331  
Delta R.T. -0.006 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

Instrument :  
BNA\_P  
ClientSampleId :  
R-LA-35-1-WC

Tgt Ion:136 Resp: 508110

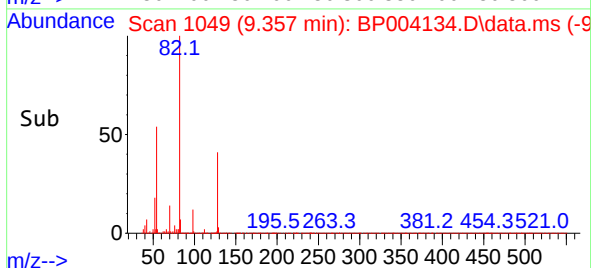
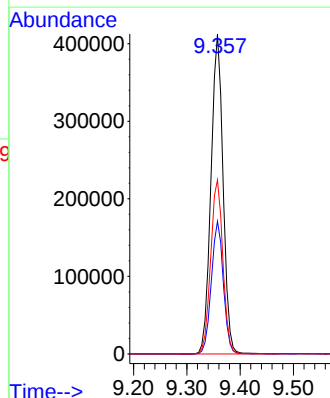
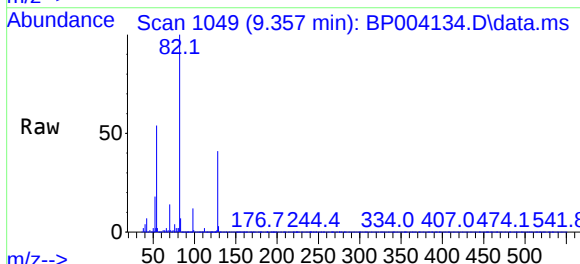
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 13.0  |
| 54  | 9.9   | 3.6   | 5.4#  |
| 68  | 6.0   | 3.3   | 4.9#  |

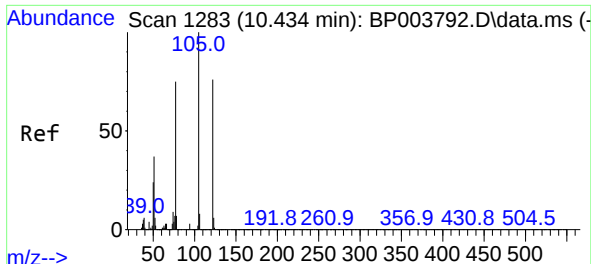


#23  
Nitrobenzene-d5  
Concen: 62.69 ng  
RT: 9.357 min Scan# 1049  
Delta R.T. -0.000 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

Tgt Ion: 82 Resp: 650370

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.5  | 45.6  | 68.4# |
| 54  | 54.4  | 30.1  | 45.1# |

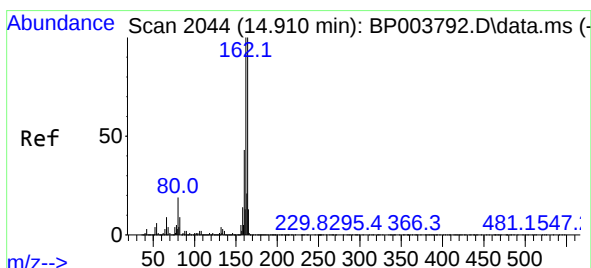
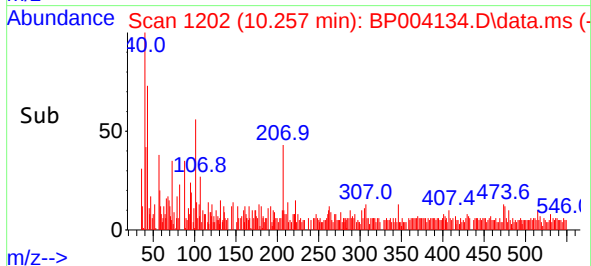
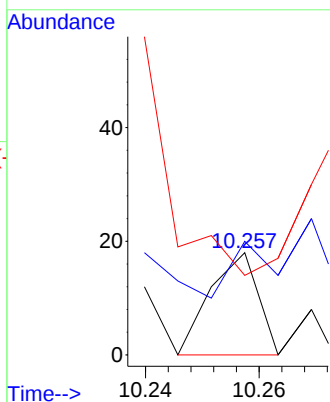
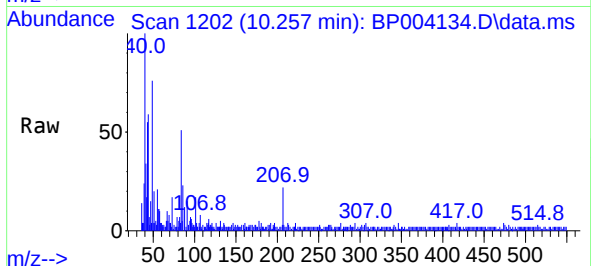




#32  
Benzoic acid  
Concen: 8.31 ng  
RT: 10.257 min Scan# 1202  
Delta R.T. -0.118 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

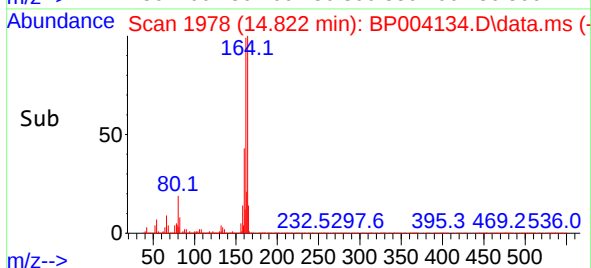
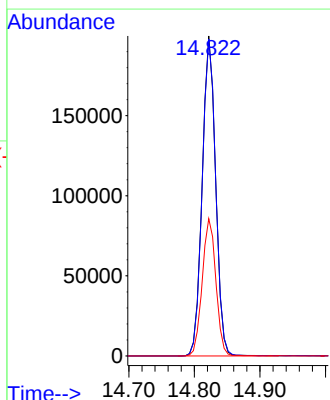
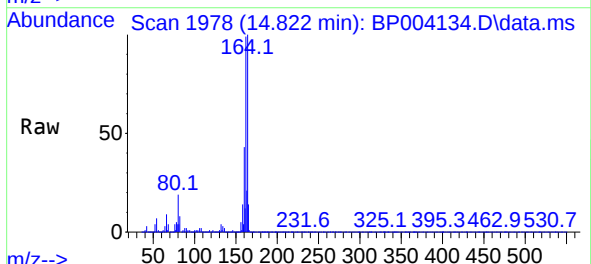
Instrument :  
BNA\_P  
ClientSampleId :  
R-LA-35-1-WC

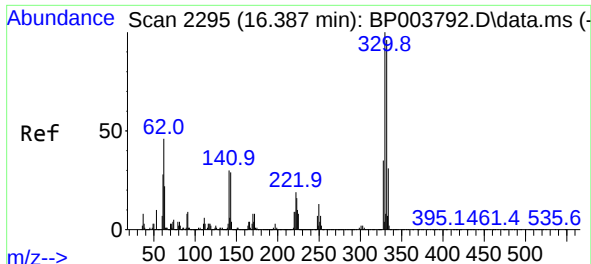
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 11    |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 105      | 111.1 | 94.1  | 134.1 |
| 77       | 77.8  | 50.1  | 90.1  |



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.822 min Scan# 1978  
Delta R.T. -0.006 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 284555 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 99.1  | 79.4  | 119.2  |
| 160      | 42.9  | 36.1  | 54.1   |

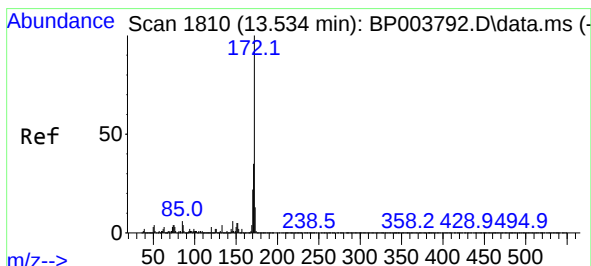
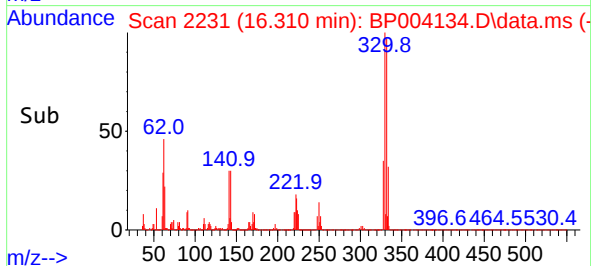
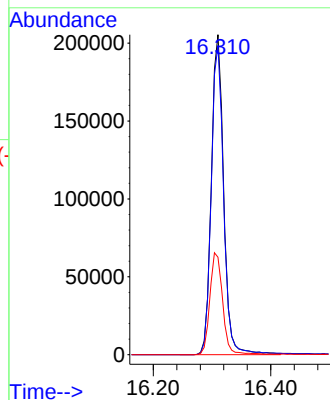
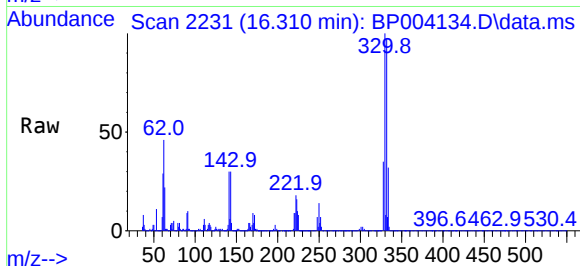




#42  
2,4,6-Tribromophenol  
Concen: 84.11 ng  
RT: 16.310 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

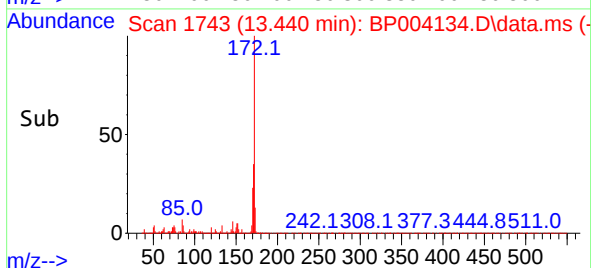
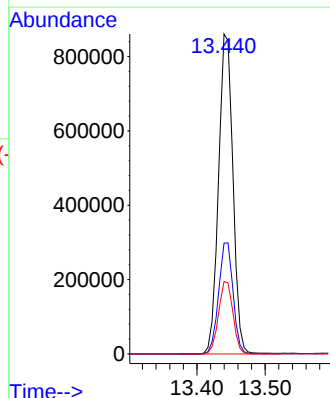
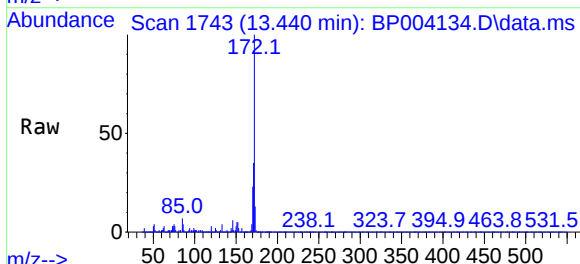
Instrument :  
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ClientSampleId :  
R-LA-35-1-WC

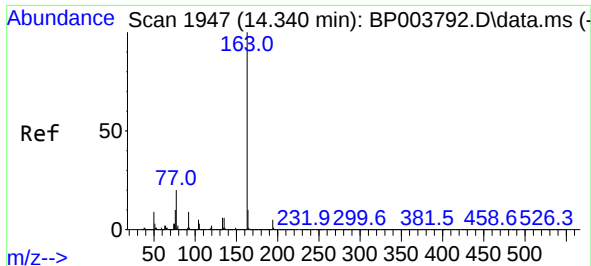
Tgt Ion:330 Resp: 299363  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.1 115.7  
141 33.0 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 62.23 ng  
RT: 13.440 min Scan# 1743  
Delta R.T. -0.006 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

Tgt Ion:172 Resp: 1266604  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.5 42.7  
170 22.6 19.2 28.8

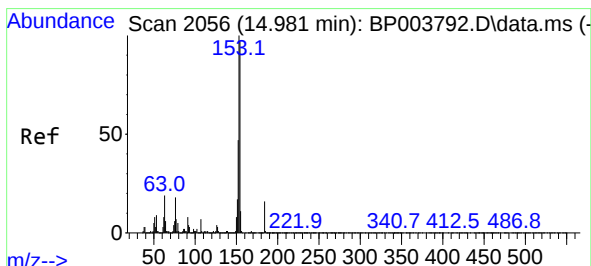
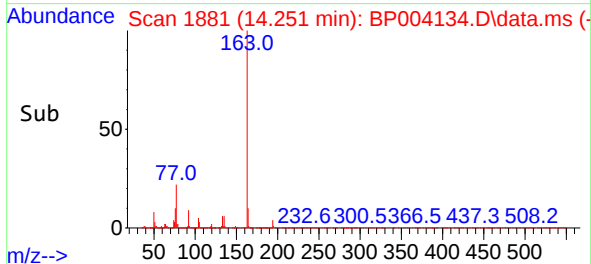
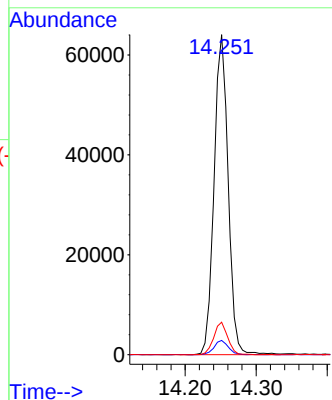
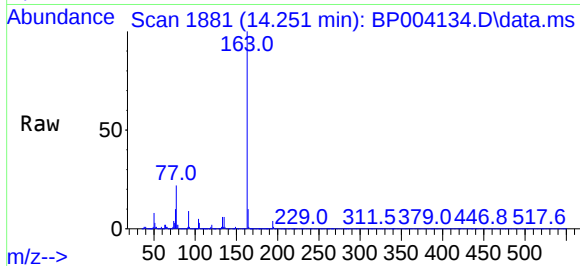




#50  
Dimethylphthalate  
Concen: 3.96 ng  
RT: 14.251 min Scan# 1881  
Delta R.T. -0.006 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

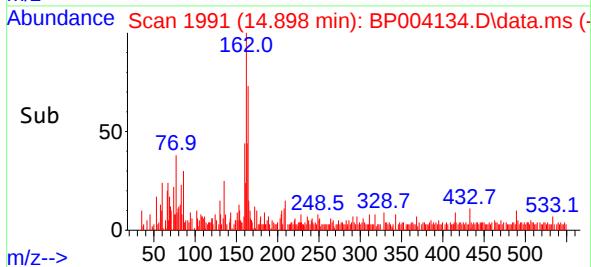
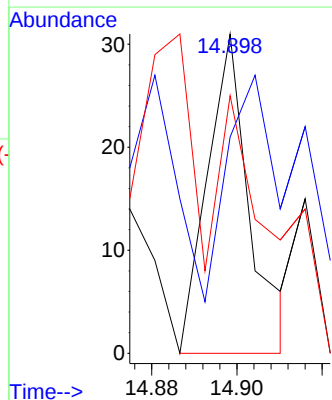
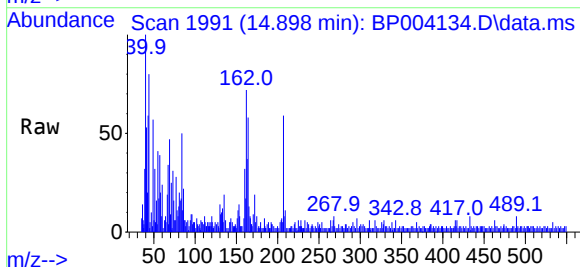
Instrument :  
BNA\_P  
ClientSampleId :  
R-LA-35-1-WC

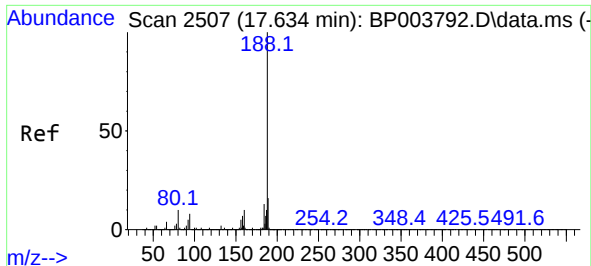
Tgt Ion:163 Resp: 88093  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.3 4.9  
164 10.2 8.2 12.2



#54  
2,4-Dinitrophenol  
Concen: 2.74 ng  
RT: 14.898 min Scan# 1991  
Delta R.T. -0.029 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

Tgt Ion:184 Resp: 22  
Ion Ratio Lower Upper  
184 100  
63 67.7 32.3 48.5#  
154 80.6 49.1 73.7#

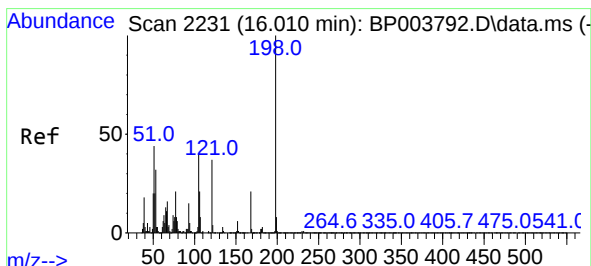
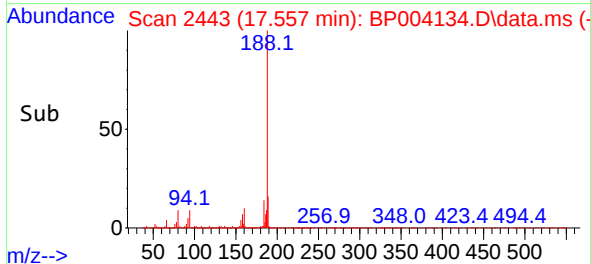
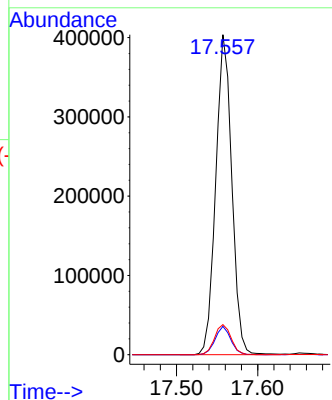
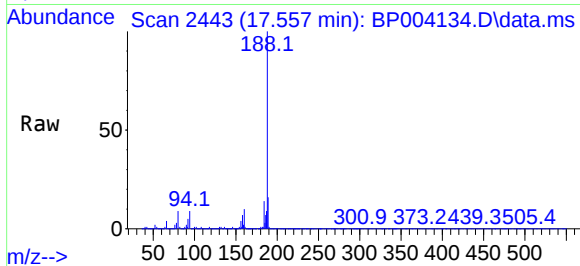




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.557 min Scan# 2443  
Delta R.T. -0.006 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

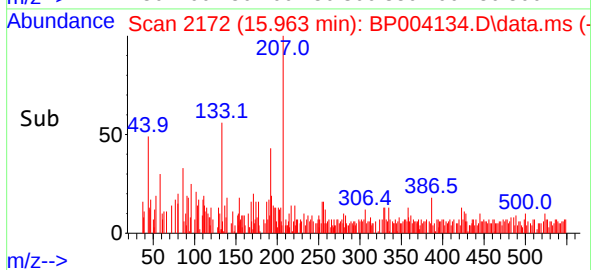
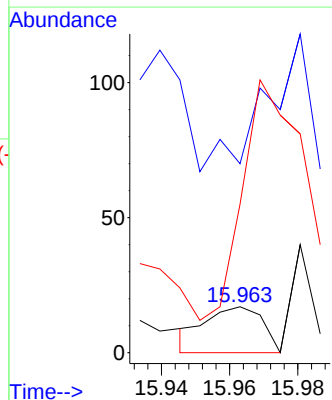
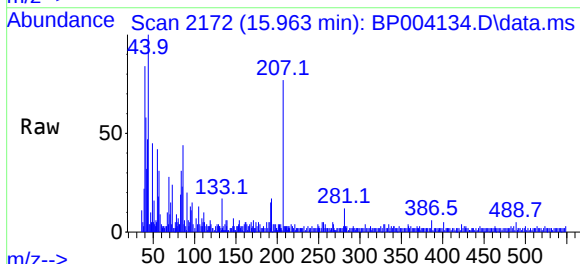
Instrument :  
BNA\_P  
ClientSampleId :  
R-LA-35-1-WC

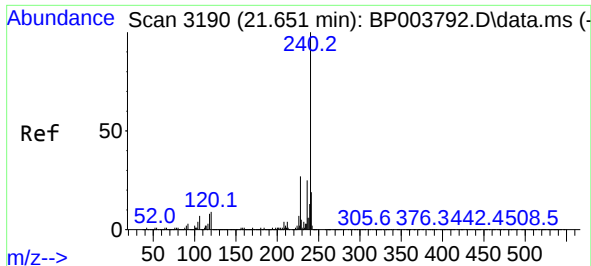
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 554563   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 8.8   | 6.2 9.2  |
| 80          | 9.4   | 6.2 9.2# |



#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.35 ng  
RT: 15.963 min Scan# 2172  
Delta R.T. 0.012 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:198 | Resp: | 20         |
| Ion Ratio   | Lower | Upper      |
| 198         | 100   |            |
| 51          | 411.8 | 6.4 46.4#  |
| 105         | 323.5 | 18.9 58.9# |

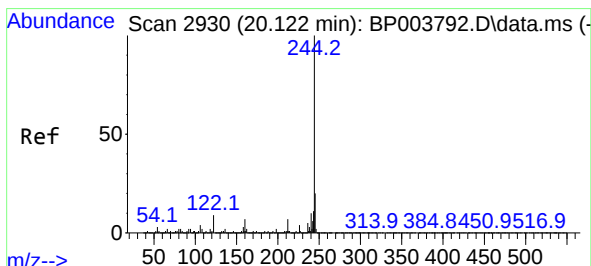
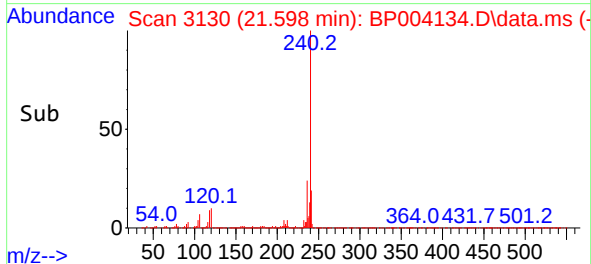
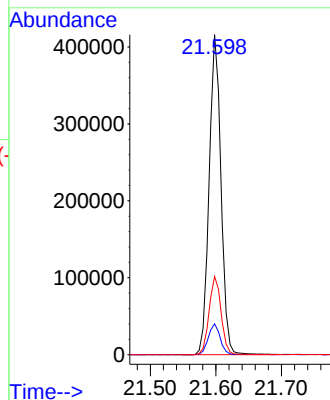
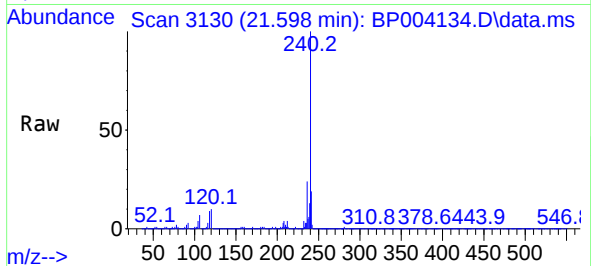




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.598 min Scan# 3130  
Delta R.T. -0.000 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

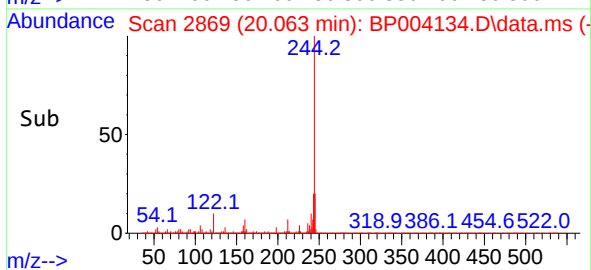
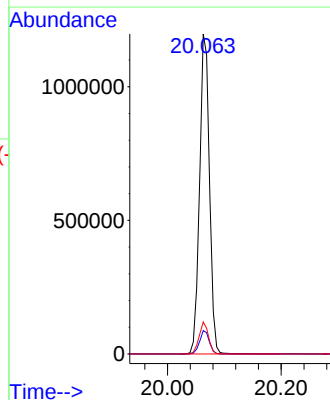
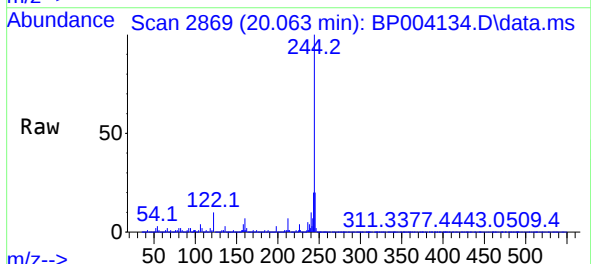
Instrument :  
BNA\_P  
ClientSampleId :  
R-LA-35-1-WC

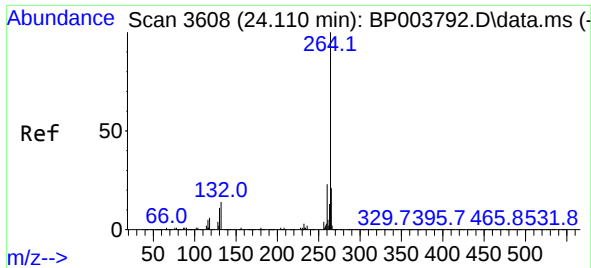
Tgt Ion:240 Resp: 523396  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.8 11.6  
236 24.4 20.8 31.2



#79  
Terphenyl-d14  
Concen: 53.44 ng  
RT: 20.063 min Scan# 2869  
Delta R.T. -0.006 min  
Lab File: BP004134.D  
Acq: 03 Dec 2020 18:01

Tgt Ion:244 Resp: 1447720  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.8 8.6  
122 10.0 7.8 11.8





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.039 min Scan# 3545  
 Delta R.T. -0.000 min  
 Lab File: BP004134.D  
 Acq: 03 Dec 2020 18:01

Instrument :  
 BNA\_P  
 ClientSampleId :  
 R-LA-35-1-WC

Tgt Ion:264 Resp: 532497  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.8 28.2  
 265 20.7 17.4 26.2

