

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021624\  
 Data File : BP019754.D  
 Acq On : 16 Feb 2024 20:22  
 Operator : MA/JU  
 Sample : P1395-02DL2 50X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 B-3(10-12)DL2

Quant Time: Feb 19 00:28:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

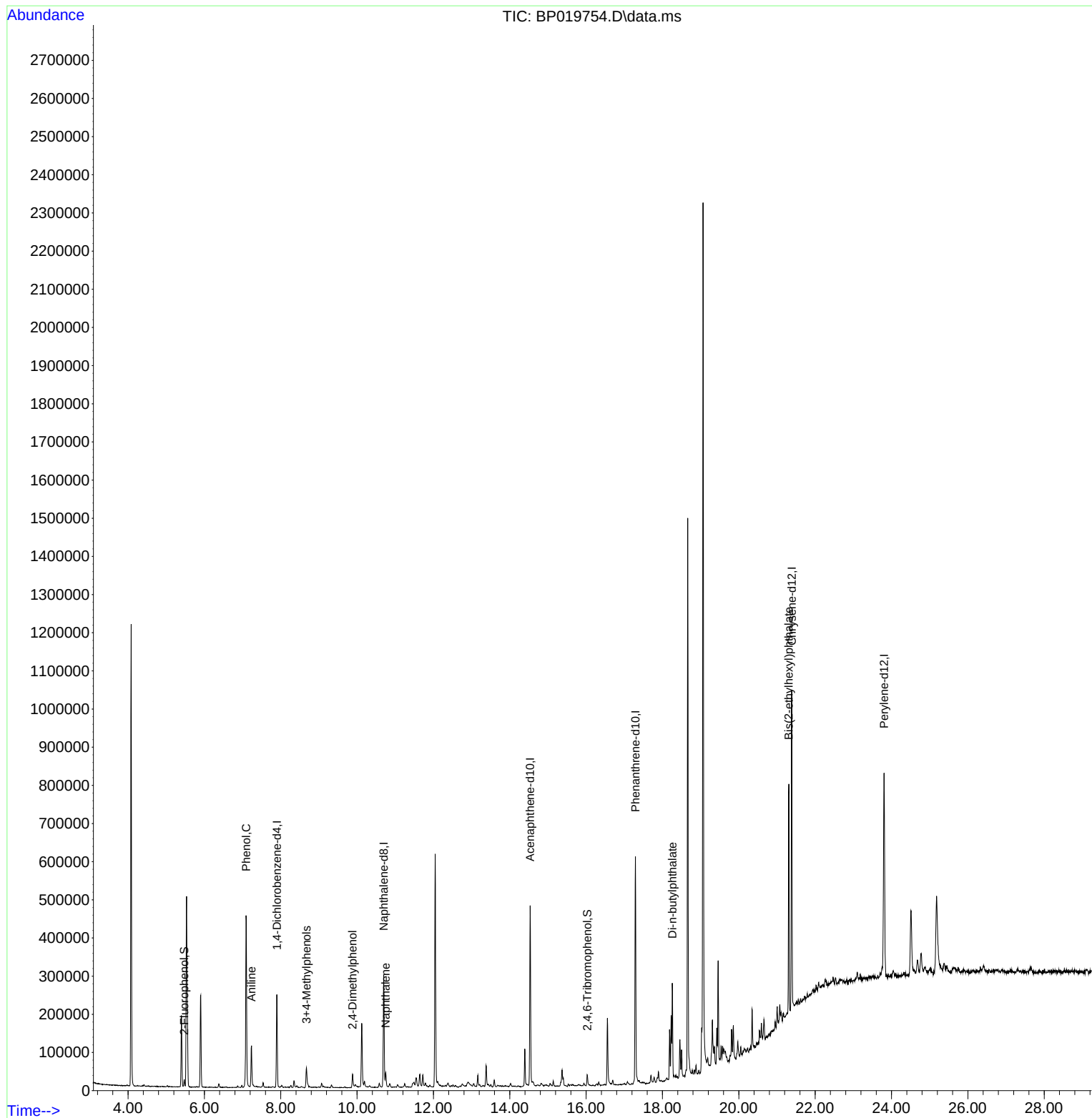
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.899  | 152  | 65310    | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.699 | 136  | 235071   | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.534 | 164  | 160731   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.292 | 188  | 394543   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 21.386 | 240  | 422840   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 23.804 | 264  | 469387   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 8237     | 2.033  | ng    | -0.01    |
| 7) Phenol-d6                  | 7.069  | 99   | 10451    | 1.913  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 9.075  | 82   | 6480     | 1.194  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.034 | 330  | 6209     | 2.646  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.163 | 172  | 17649    | 1.357  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.857 | 244  | 36581    | 1.423  | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 6) Aniline                    | 7.234  | 93   | 74622    | 14.057 | ng    | 99       |
| 10) Phenol                    | 7.093  | 94   | 257848   | 47.355 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.675  | 107  | 28522    | 5.701  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.881  | 122  | 11375    | 4.271  | ng    | 97       |
| 31) Naphthalene               | 10.752 | 128  | 29725    | 2.306  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.257 | 149  | 171046   | 7.518  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.310 | 149  | 223292   | 13.158 | ng    | 98       |
| -----                         |        |      |          |        |       |          |

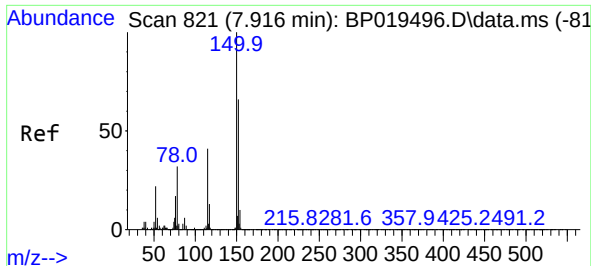
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021624\  
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Quant Time: Feb 19 00:28:33 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 01 00:51:48 2024  
Response via : Initial Calibration

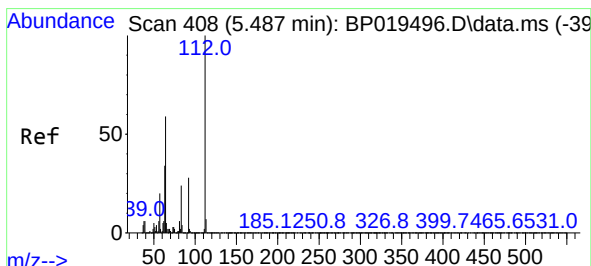
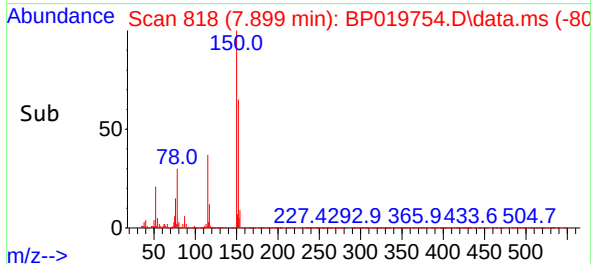
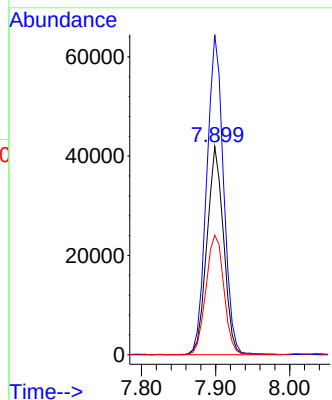
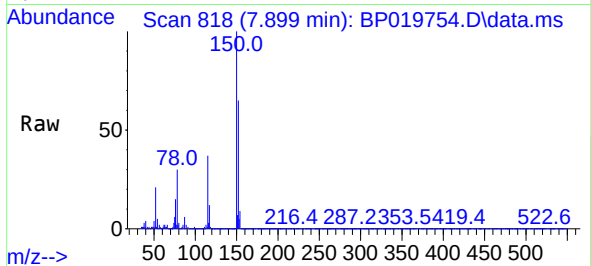




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.899 min Scan# 81  
Delta R.T. -0.017 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

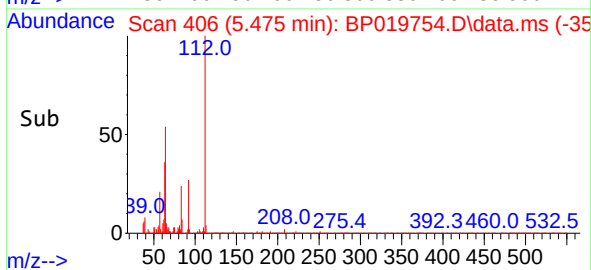
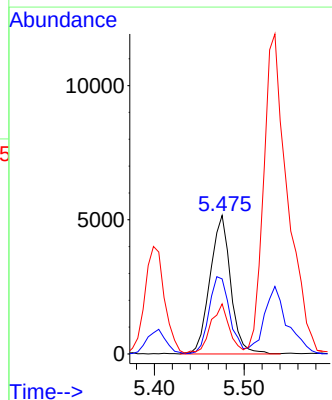
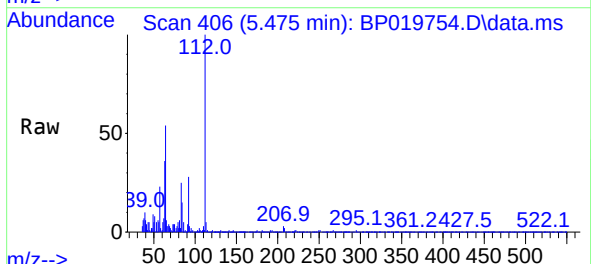
Instrument :  
BNA\_P  
ClientSampleId :  
B-3(10-12)DL2

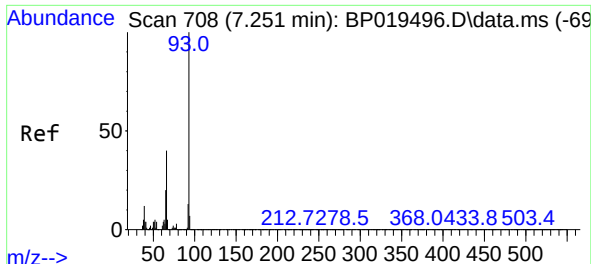
Tgt Ion:152 Resp: 65310  
Ion Ratio Lower Upper  
152 100  
150 153.7 121.8 182.8  
115 57.4 49.9 74.9



#5  
2-Fluorophenol  
Concen: 2.033 ng  
RT: 5.475 min Scan# 406  
Delta R.T. -0.011 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

Tgt Ion:112 Resp: 8237  
Ion Ratio Lower Upper  
112 100  
64 54.1 47.4 71.0  
63 36.1 27.0 40.6



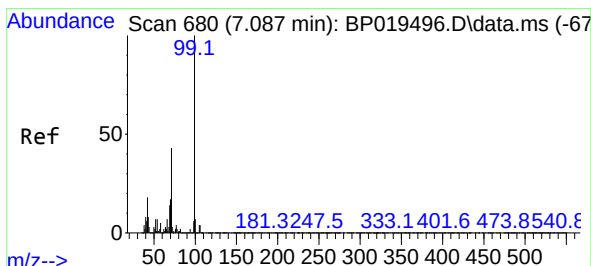
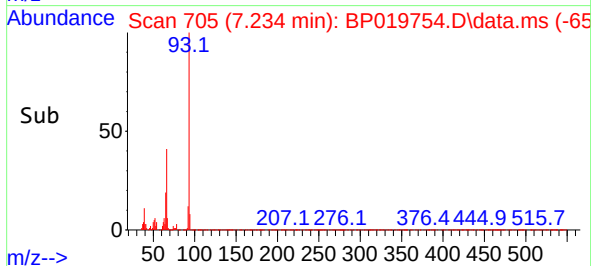
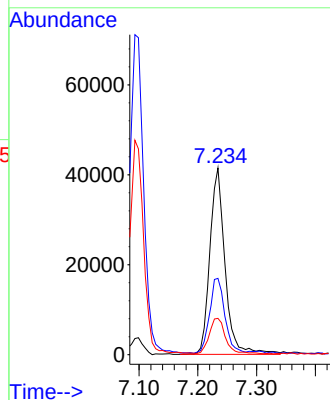
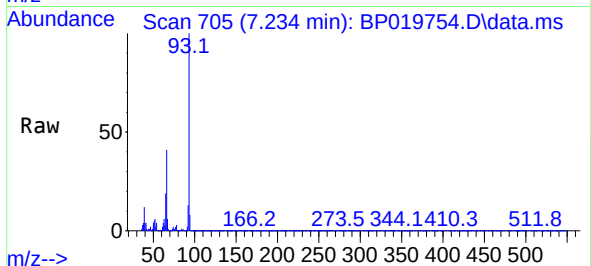


#6  
Aniline  
Concen: 14.057 ng  
RT: 7.234 min Scan# 708  
Delta R.T. -0.017 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

Instrument :  
BNA\_P  
ClientSampleId :  
B-3(10-12)DL2

Tgt Ion: 93 Resp: 74622

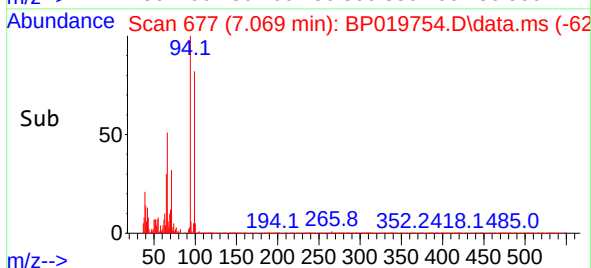
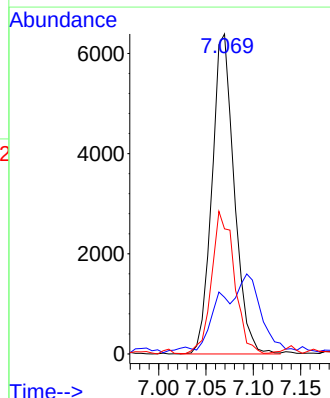
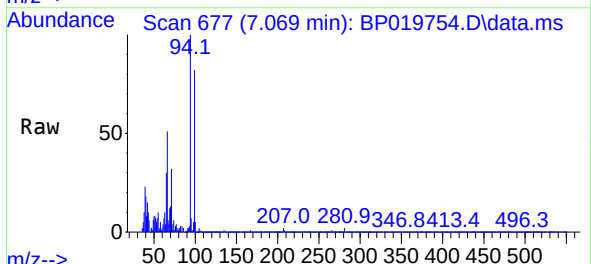
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 66  | 40.9  | 32.3  | 48.5  |
| 65  | 19.4  | 16.4  | 24.6  |

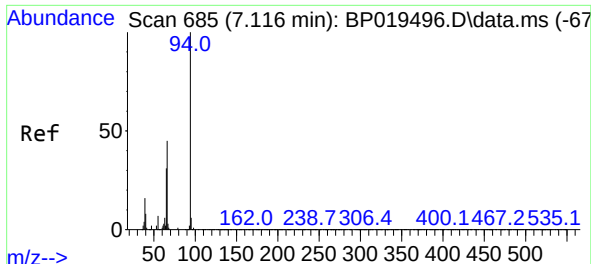


#7  
Phenol-d6  
Concen: 1.913 ng  
RT: 7.069 min Scan# 677  
Delta R.T. -0.017 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

Tgt Ion: 99 Resp: 10451

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.7  | 14.7  | 22.1  |
| 71  | 39.1  | 34.8  | 52.2  |

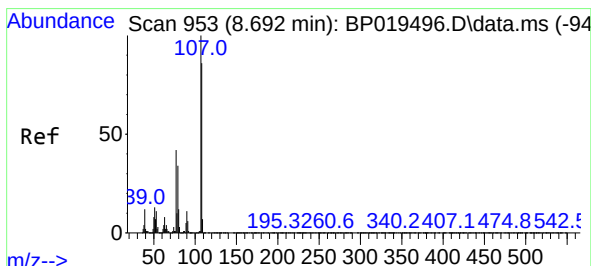
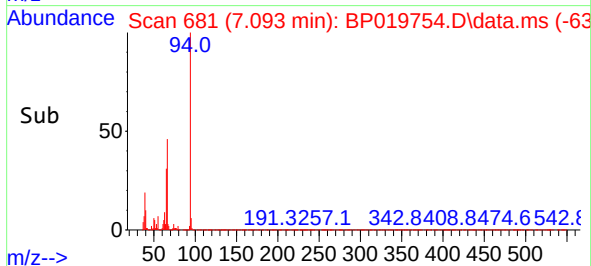
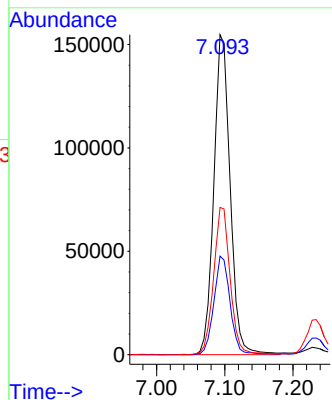
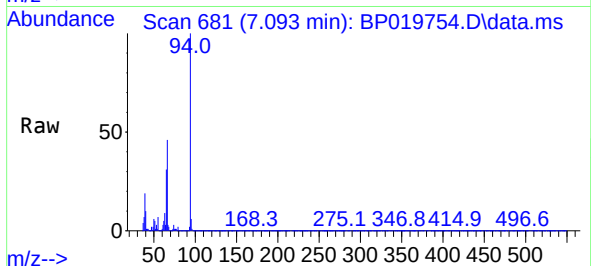




#10  
Phenol  
Concen: 47.355 ng  
RT: 7.093 min Scan# 61  
Delta R.T. -0.023 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

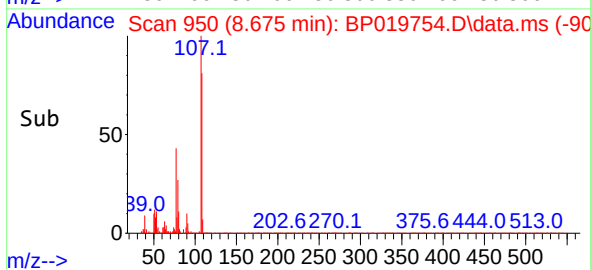
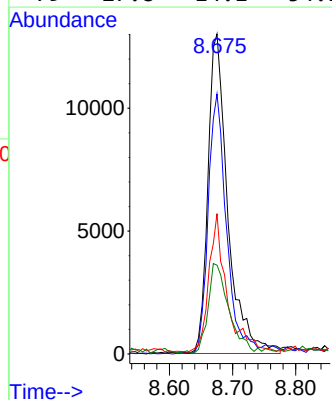
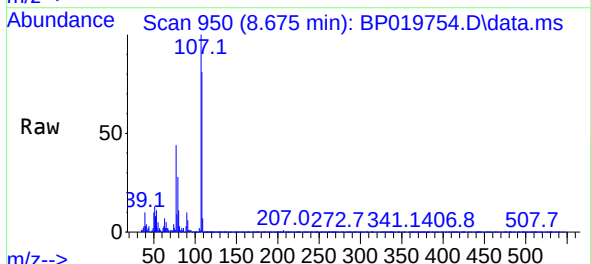
Instrument :  
BNA\_P  
ClientSampleId :  
B-3(10-12)DL2

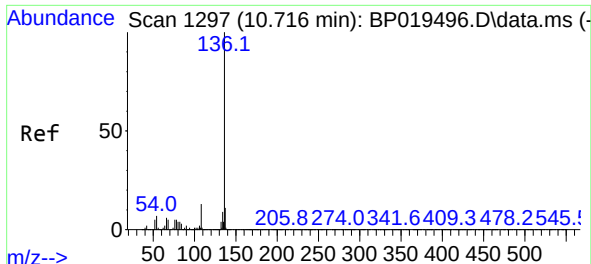
Tgt Ion: 94 Resp: 257848  
Ion Ratio Lower Upper  
94 100  
65 30.8 11.3 51.3  
66 46.0 25.1 65.1



#20  
3+4-Methylphenols  
Concen: 5.701 ng  
RT: 8.675 min Scan# 950  
Delta R.T. -0.017 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

Tgt Ion: 107 Resp: 28522  
Ion Ratio Lower Upper  
107 100  
108 81.2 65.5 105.5  
77 43.8 21.8 61.8  
79 27.8 14.1 54.1



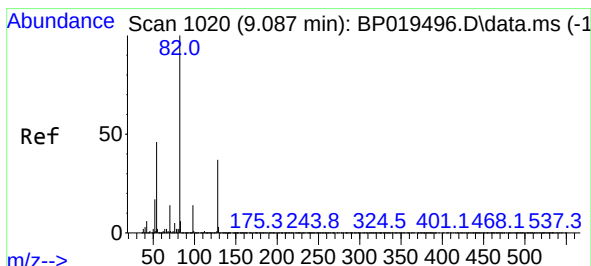
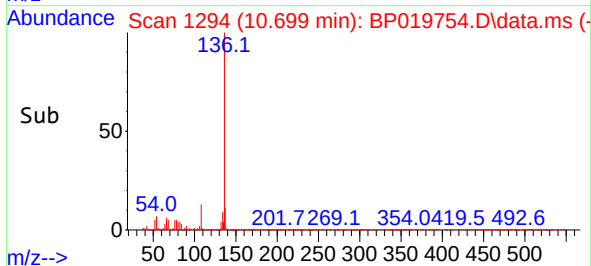
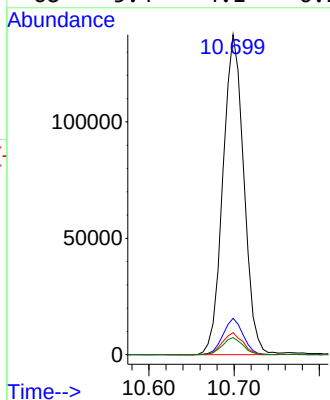
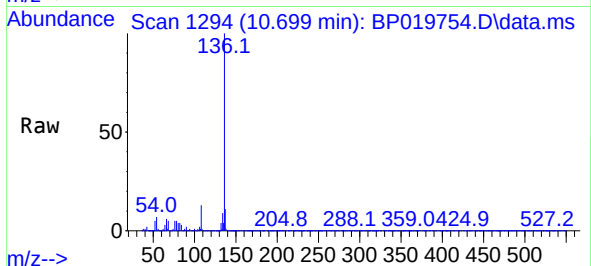


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.699 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

Instrument :  
BNA\_P  
ClientSampleId :  
B-3(10-12)DL2

Tgt Ion:136 Resp: 235071

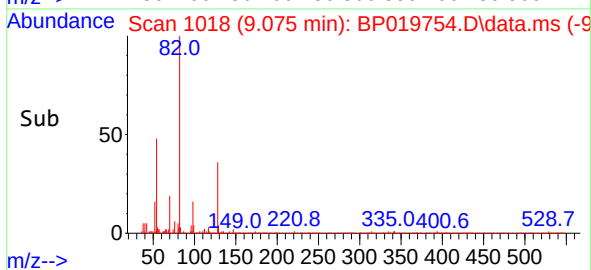
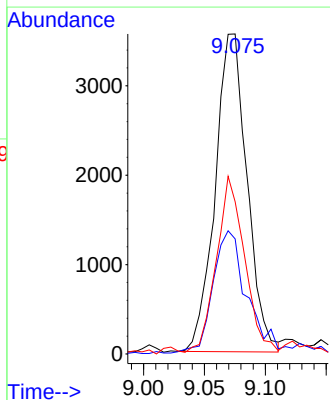
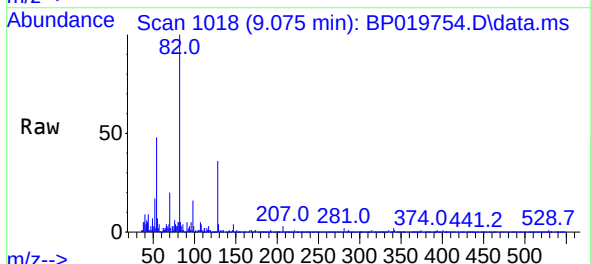
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.8   | 13.2  |
| 54  | 6.9   | 5.3   | 7.9   |
| 68  | 5.4   | 4.1   | 6.1   |

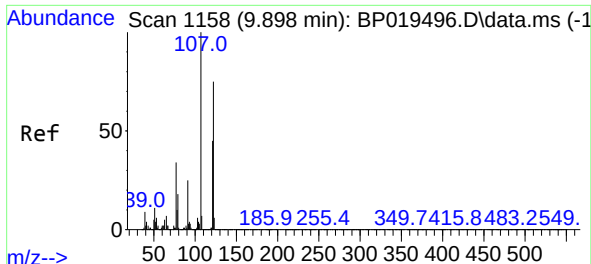


#23  
Nitrobenzene-d5  
Concen: 1.194 ng  
RT: 9.075 min Scan# 1018  
Delta R.T. -0.011 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

Tgt Ion: 82 Resp: 6480

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.0  | 29.7  | 44.5  |
| 54  | 47.6  | 36.8  | 55.2  |

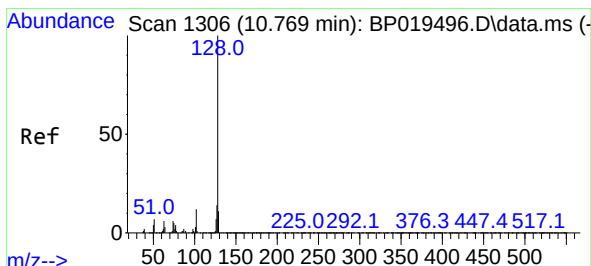
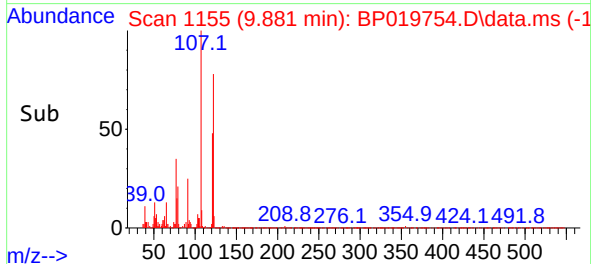
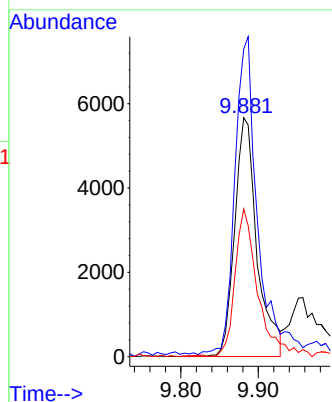
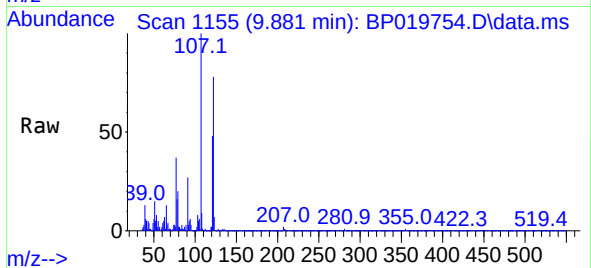




#27  
2,4-Dimethylphenol  
Concen: 4.271 ng  
RT: 9.881 min Scan# 1155  
Delta R.T. -0.017 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

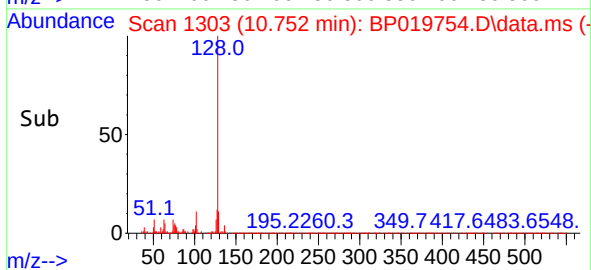
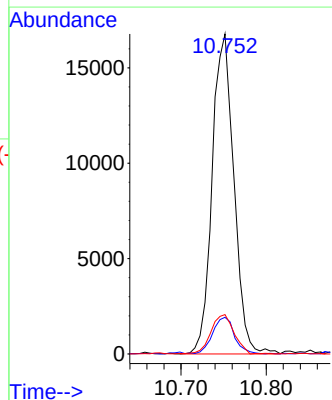
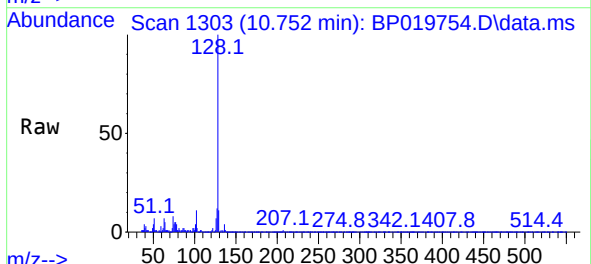
Instrument :  
BNA\_P  
ClientSampleId :  
B-3(10-12)DL2

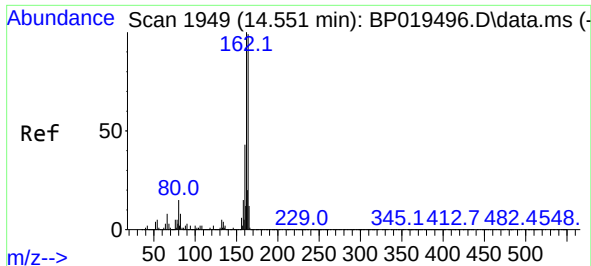
Tgt Ion:122 Resp: 11375  
Ion Ratio Lower Upper  
122 100  
107 128.7 105.9 158.9  
121 61.8 47.5 71.3



#31  
Naphthalene  
Concen: 2.306 ng  
RT: 10.752 min Scan# 1303  
Delta R.T. -0.017 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

Tgt Ion:128 Resp: 29725  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.6 13.0  
127 12.3 10.8 16.2

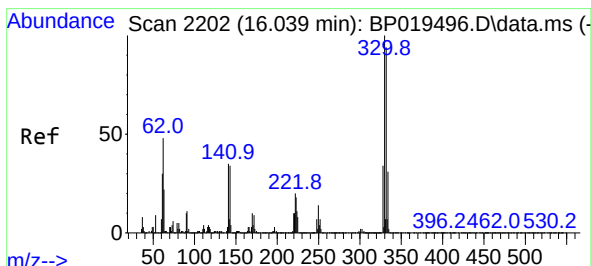
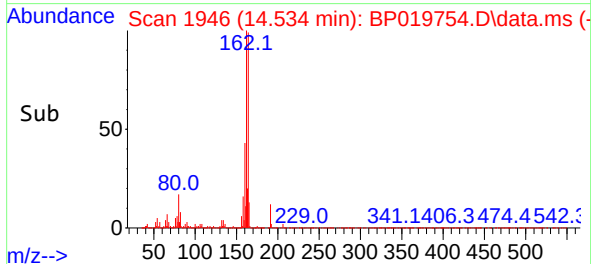
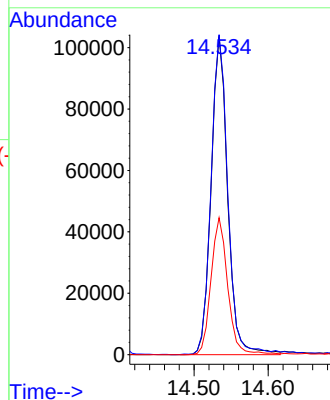
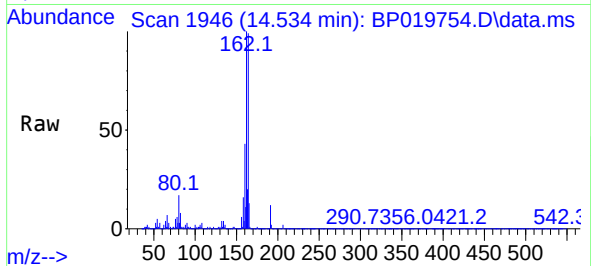




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1946  
Delta R.T. -0.017 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

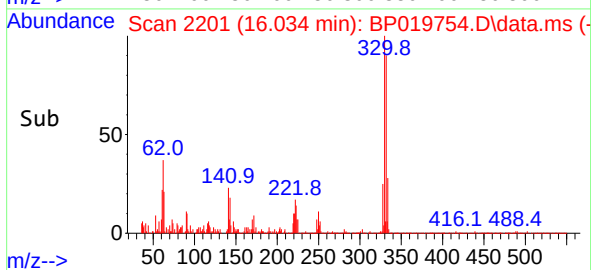
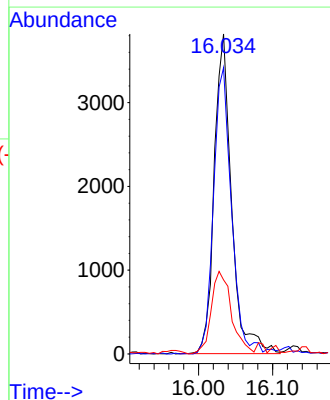
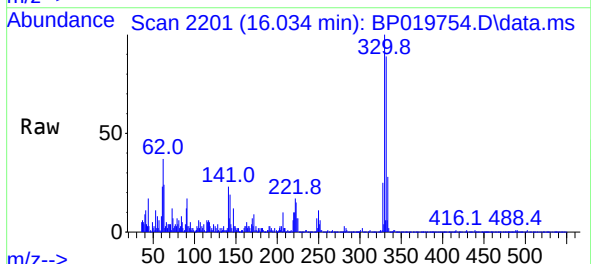
Instrument :  
BNA\_P  
ClientSampleId :  
B-3(10-12)DL2

Tgt Ion:164 Resp: 160731  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.2 121.8  
160 43.0 35.1 52.7

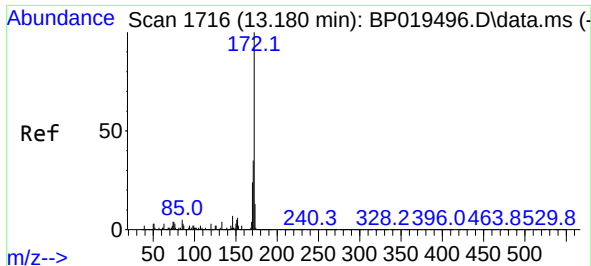


#42  
2,4,6-Tribromophenol  
Concen: 2.646 ng  
RT: 16.034 min Scan# 2201  
Delta R.T. -0.005 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

Tgt Ion:330 Resp: 6209  
Ion Ratio Lower Upper  
330 100  
332 92.0 77.2 115.8  
141 30.1 27.0 40.4



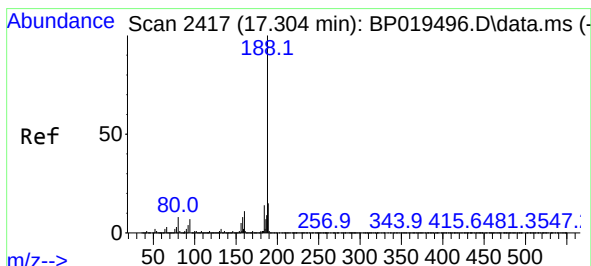
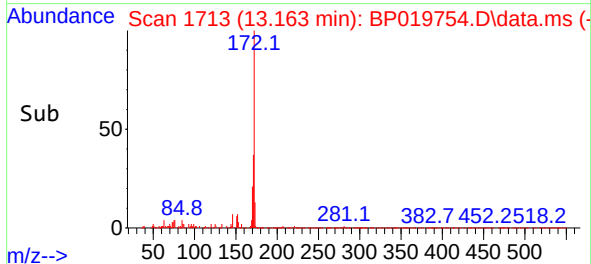
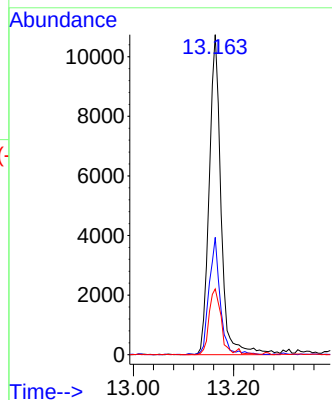
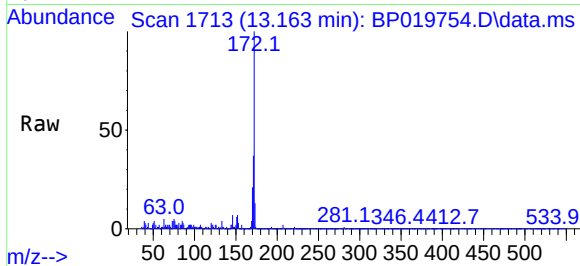




#45  
2-Fluorobiphenyl  
Concen: 1.357 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.017 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

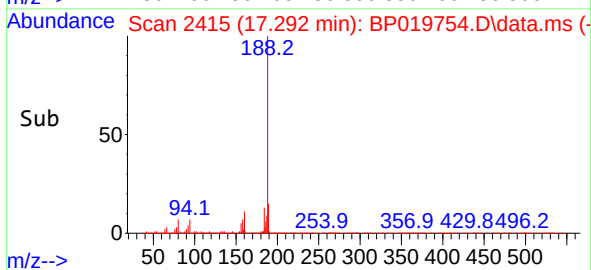
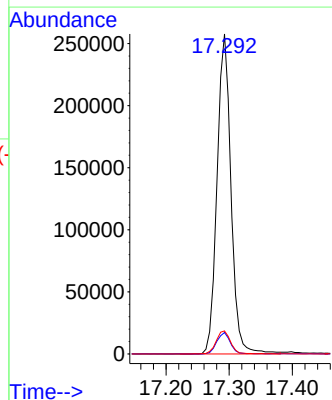
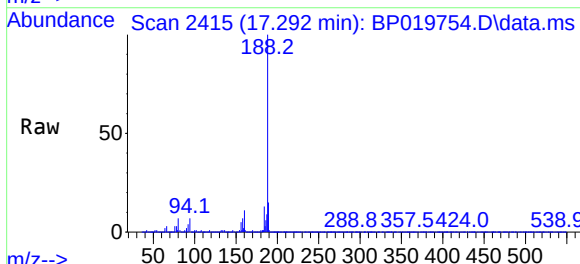
Instrument :  
BNA\_P  
ClientSampleId :  
B-3(10-12)DL2

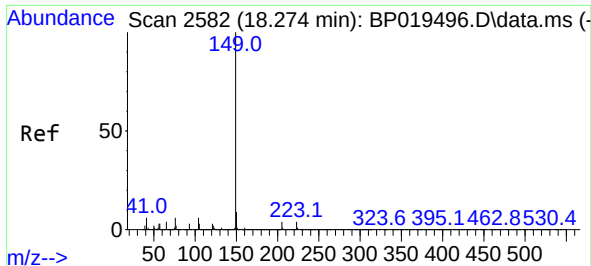
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 17649 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.7  | 28.2  | 42.4  |
| 170      | 20.6  | 18.9  | 28.3  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.292 min Scan# 2415  
Delta R.T. -0.012 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 394543 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.7   | 5.4   | 8.2    |
| 80       | 7.2   | 6.3   | 9.5    |

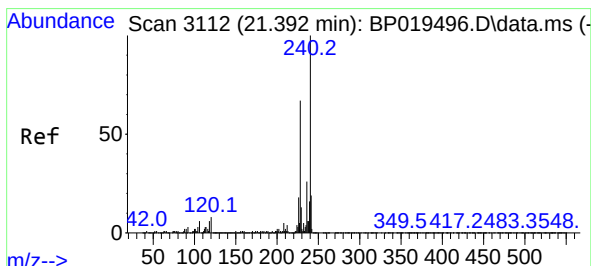
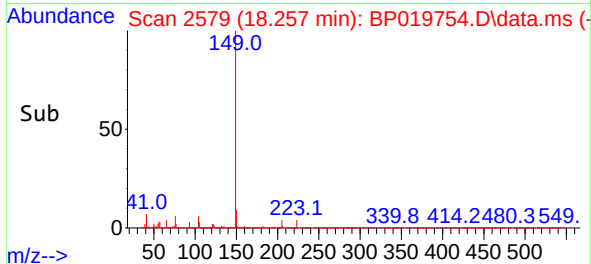
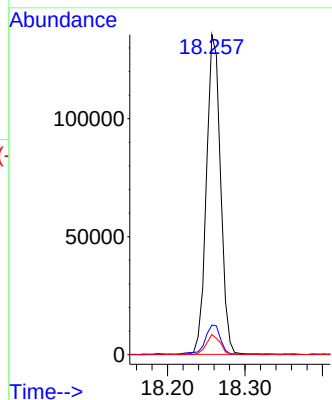
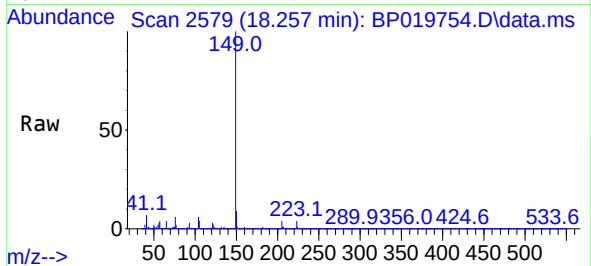




#74  
Di-n-butylphthalate  
Concen: 7.518 ng  
RT: 18.257 min Scan# 2111  
Delta R.T. -0.017 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

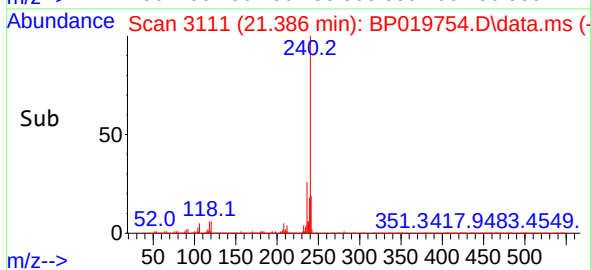
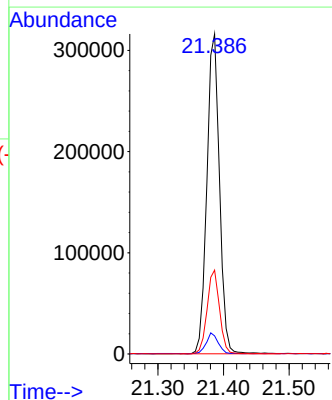
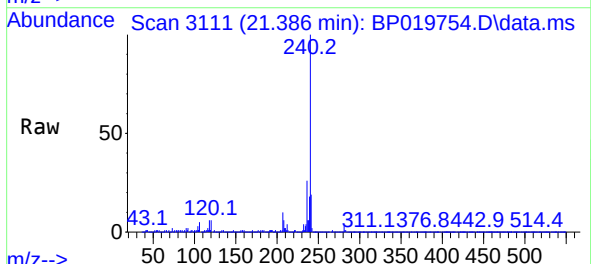
Instrument :  
BNA\_P  
ClientSampleId :  
B-3(10-12)DL2

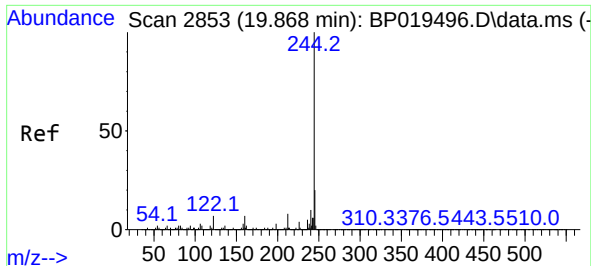
Tgt Ion:149 Resp: 171046  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.3 10.9  
104 6.3 4.8 7.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.386 min Scan# 3111  
Delta R.T. -0.005 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

Tgt Ion:240 Resp: 422840  
Ion Ratio Lower Upper  
240 100  
120 5.7 6.1 9.1#  
236 26.2 20.7 31.1



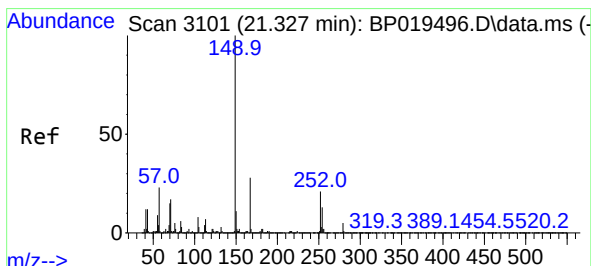
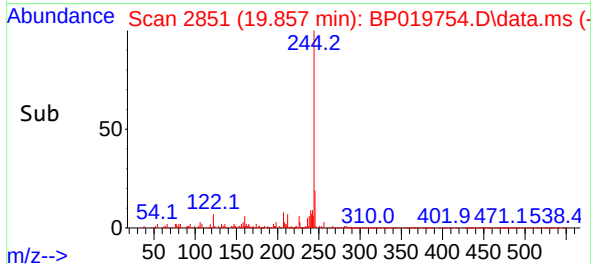
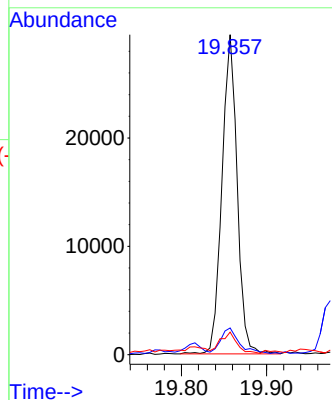
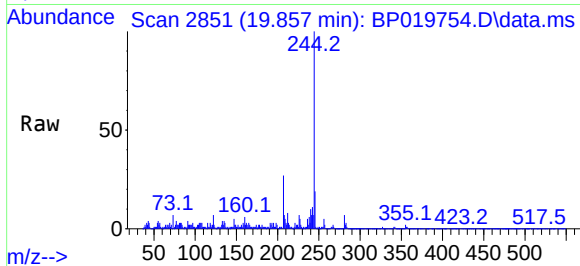


#79  
 Terphenyl-d14  
 Concen: 1.423 ng  
 RT: 19.857 min Scan# 21  
 Delta R.T. -0.011 min  
 Lab File: BP019754.D  
 Acq: 16 Feb 2024 20:22

Instrument :  
 BNA\_P  
 ClientSampleId :  
 B-3(10-12)DL2

Tgt Ion:244 Resp: 36581

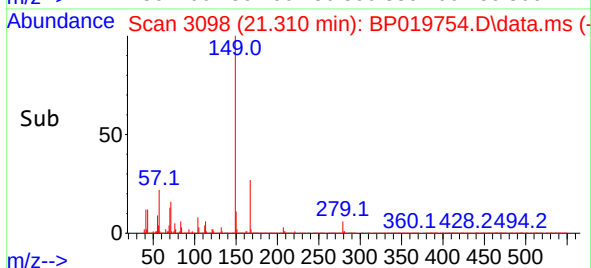
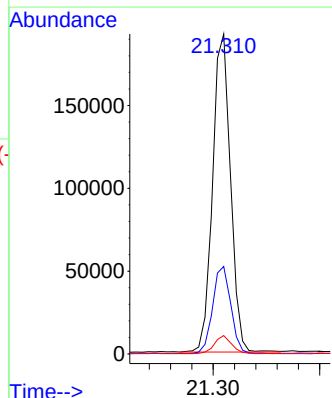
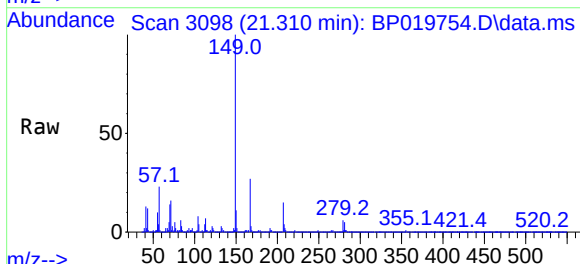
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.3   | 6.1   | 9.1   |
| 122 | 7.1   | 5.9   | 8.9   |

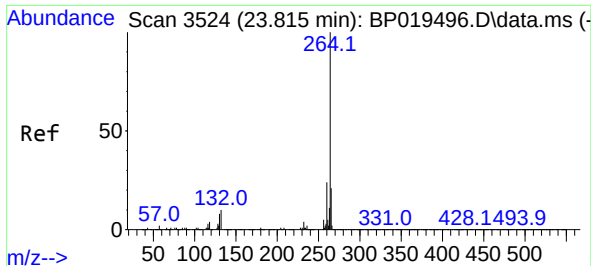


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 13.158 ng  
 RT: 21.310 min Scan# 3098  
 Delta R.T. -0.017 min  
 Lab File: BP019754.D  
 Acq: 16 Feb 2024 20:22

Tgt Ion:149 Resp: 223292

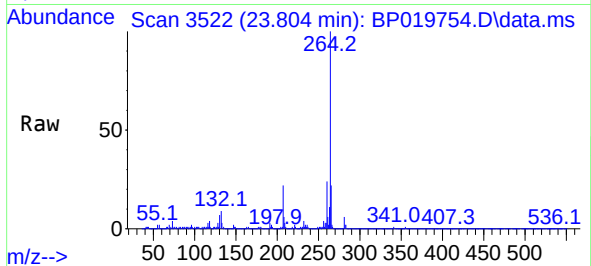
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.4  | 22.7  | 34.1  |
| 279 | 5.8   | 4.2   | 6.2   |





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.804 min Scan# 31  
Delta R.T. -0.011 min  
Lab File: BP019754.D  
Acq: 16 Feb 2024 20:22

Instrument :  
BNA\_P  
ClientSampleId :  
B-3(10-12)DL2



Tgt Ion:264 Resp: 469387  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.2  | 28.8  |
| 265 | 22.3  | 17.0  | 25.4  |

