

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122921\  
 Data File : BP008596.D  
 Acq On : 29 Dec 2021 15:50  
 Operator : CG/JU  
 Sample : M5219-01DL 50X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 M21013-N48854-1040DL

Quant Time: Dec 29 16:20:34 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 29 13:29:13 2021  
 Response via : Initial Calibration

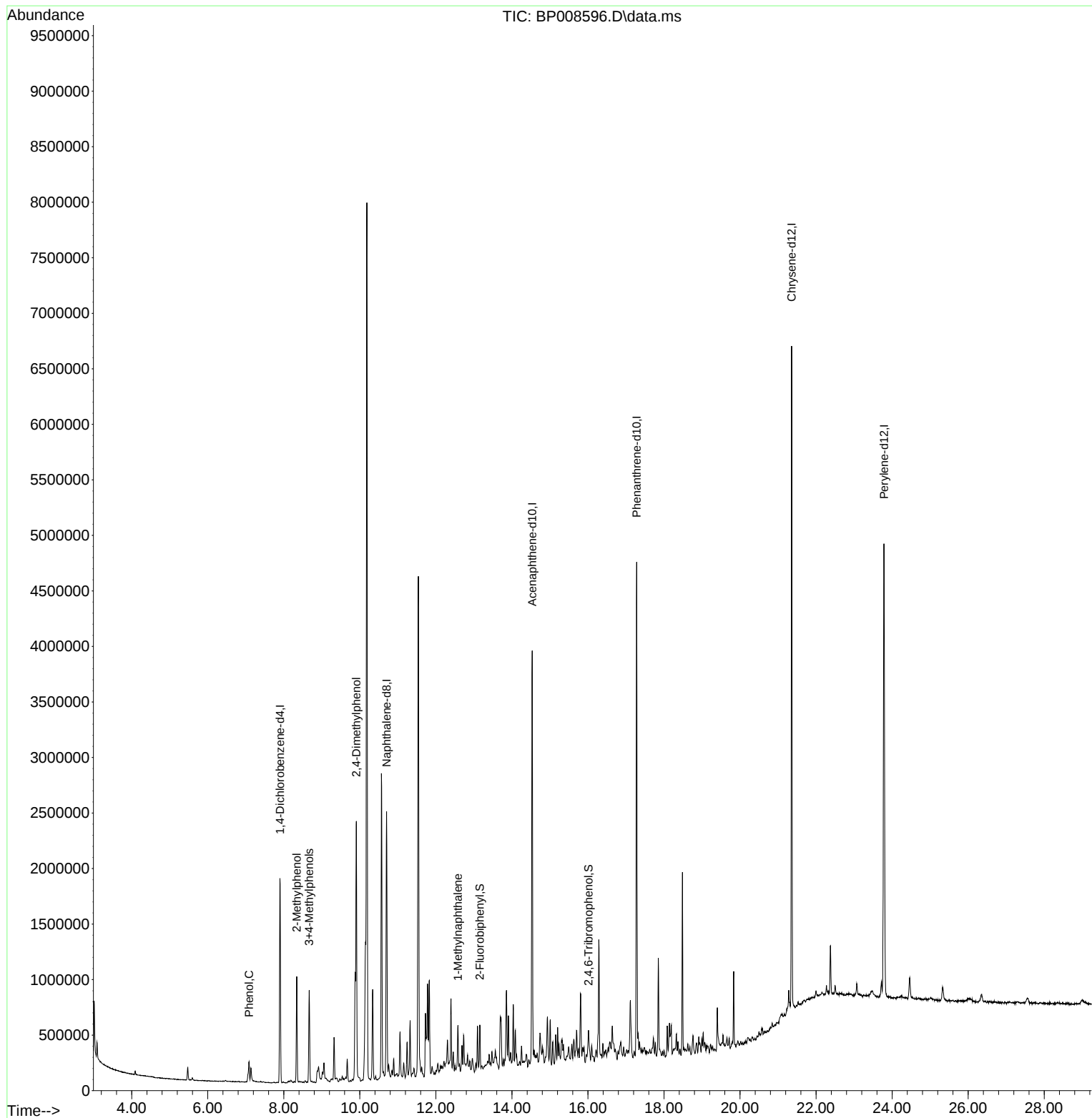
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.899  | 152  | 569317   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 2105896  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.534 | 164  | 1361235  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.281 | 188  | 2830108  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.357 | 240  | 2986639  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.786 | 264  | 3263242  | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 56605    | 1.815  | ng    | 0.00     |
| 7) Phenol-d6                | 7.058  | 99   | 38475    | 0.886  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.057  | 82   | 66158    | 1.869  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.016 | 330  | 39395    | 2.139  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.157 | 172  | 215638   | 2.393  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.833 | 244  | 316922   | 1.032  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 10) Phenol                  | 7.087  | 94   | 117694   | 2.685  | ng    | 99       |
| 17) 2-Methylphenol          | 8.340  | 107  | 309077   | 10.134 | ng    | 99       |
| 20) 3+4-Methylphenols       | 8.669  | 107  | 356211   | 8.313  | ng    | 90       |
| 27) 2,4-Dimethylphenol      | 9.910  | 122  | 1087782  | 37.646 | ng    | # 90     |
| 38) 1-Methylnaphthalene     | 12.581 | 142  | 170848   | 2.124  | ng    | 99       |
| -----                       |        |      |          |        |       |          |

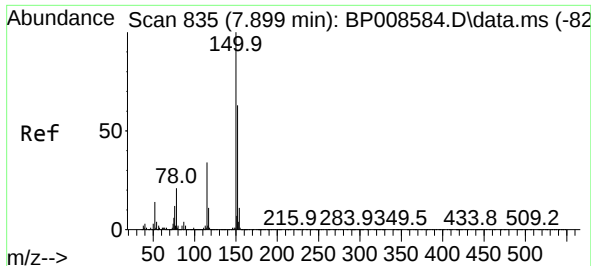
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122921\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 29 13:29:13 2021  
Response via : Initial Calibration

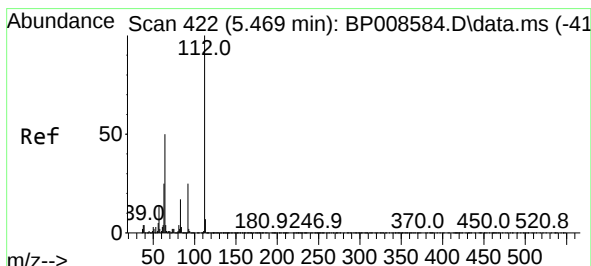
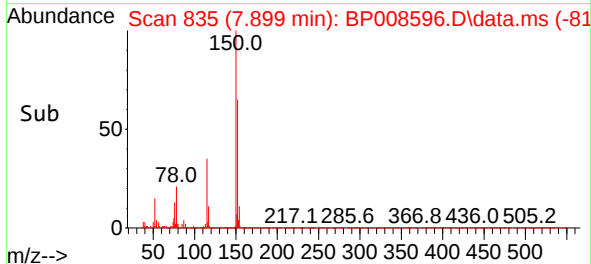
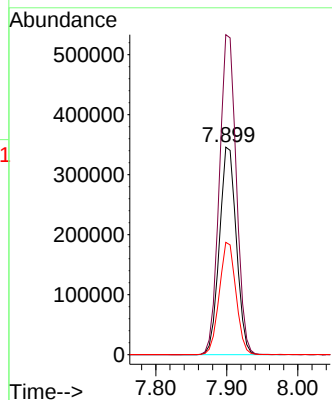
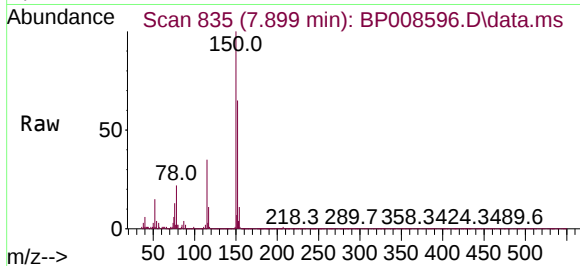




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.899 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

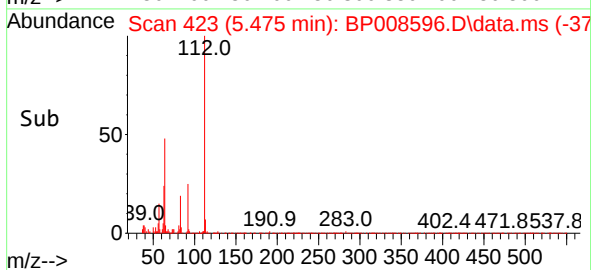
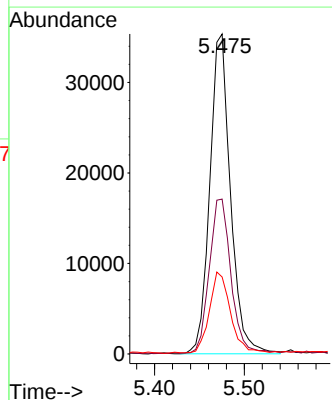
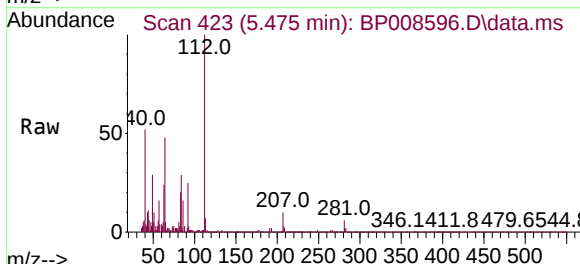
Instrument :  
BNA\_P  
ClientSampleId :  
M21013-N48854-1040DL

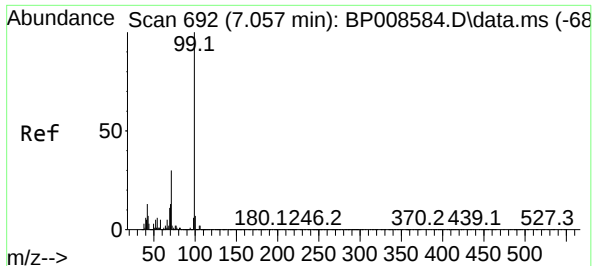
Tgt Ion:152 Resp: 569317  
Ion Ratio Lower Upper  
152 100  
150 154.2 127.0 190.6  
115 54.1 43.7 65.5



#5  
2-Fluorophenol  
Concen: 1.815 ng  
RT: 5.475 min Scan# 423  
Delta R.T. 0.006 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

Tgt Ion:112 Resp: 56605  
Ion Ratio Lower Upper  
112 100  
64 48.4 39.7 59.5  
63 24.1 20.0 30.0

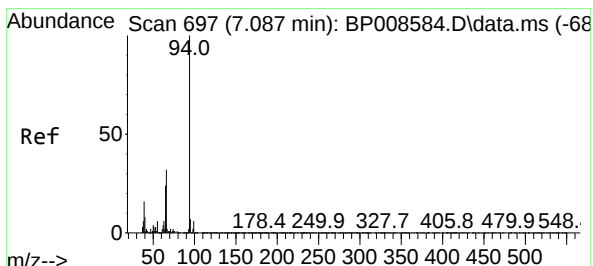
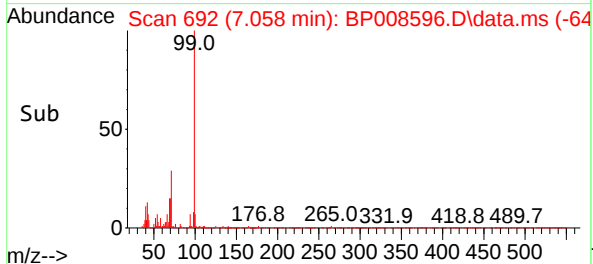
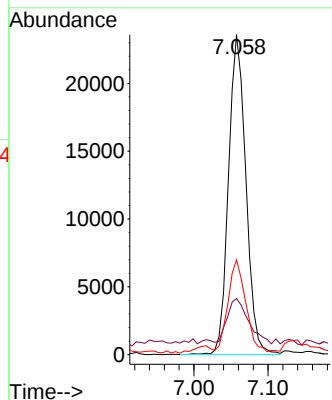
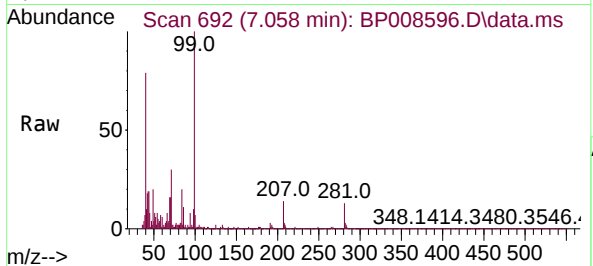




#7  
Phenol-d6  
Concen: 0.886 ng  
RT: 7.058 min Scan# 692  
Delta R.T. 0.000 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

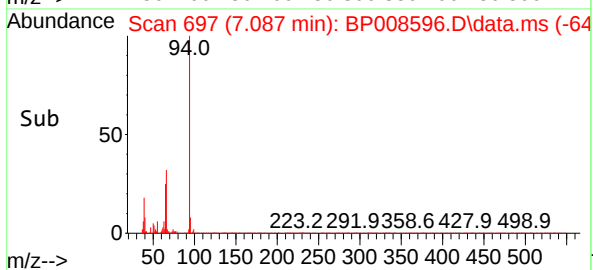
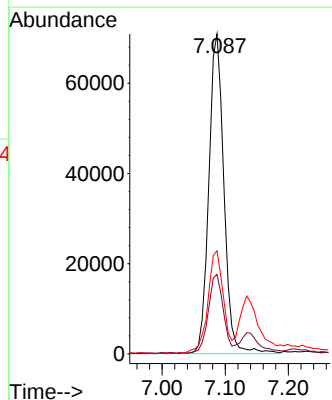
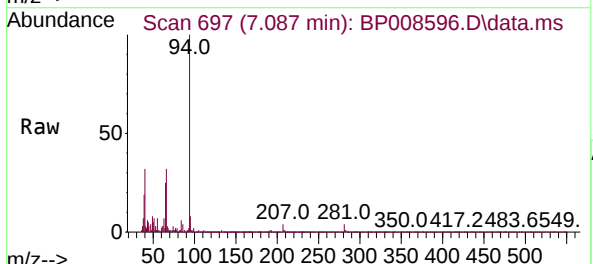
Instrument :  
BNA\_P  
ClientSampleId :  
M21013-N48854-1040DL

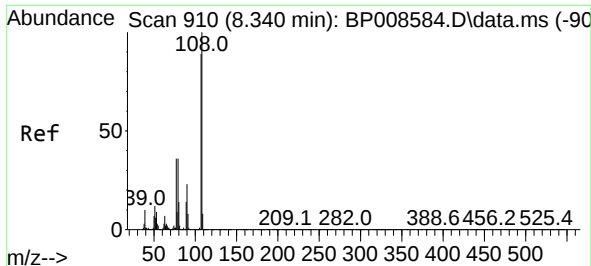
Tgt Ion: 99 Resp: 38475  
Ion Ratio Lower Upper  
99 100  
42 17.5 10.8 16.2#  
71 29.7 23.8 35.6



#10  
Phenol  
Concen: 2.685 ng  
RT: 7.087 min Scan# 697  
Delta R.T. 0.000 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

Tgt Ion: 94 Resp: 117694  
Ion Ratio Lower Upper  
94 100  
65 24.9 4.1 44.1  
66 32.2 12.4 52.4

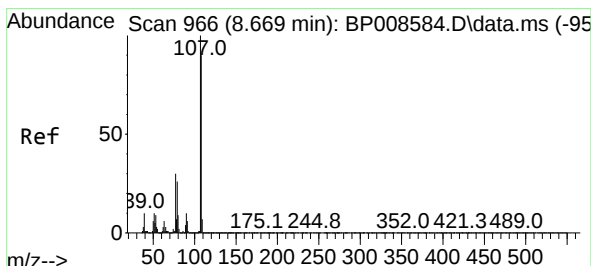
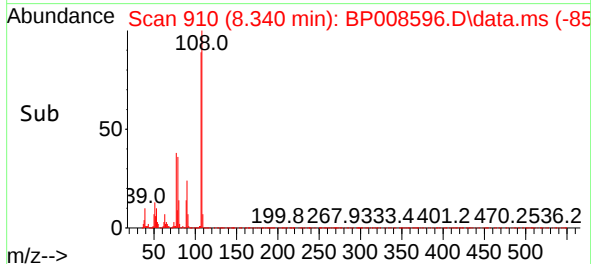
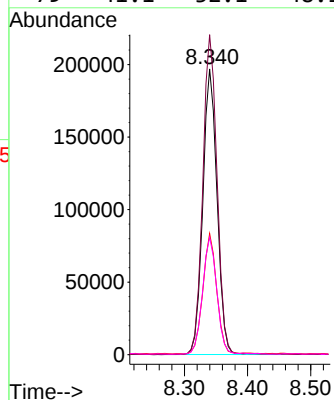
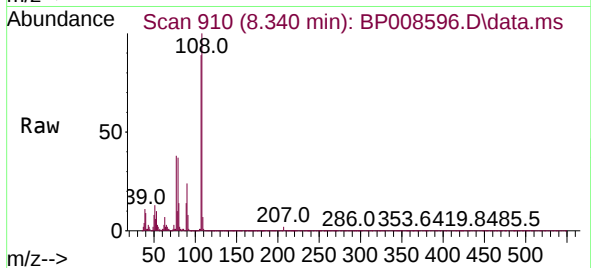




#17  
2-Methylphenol  
Concen: 10.134 ng  
RT: 8.340 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

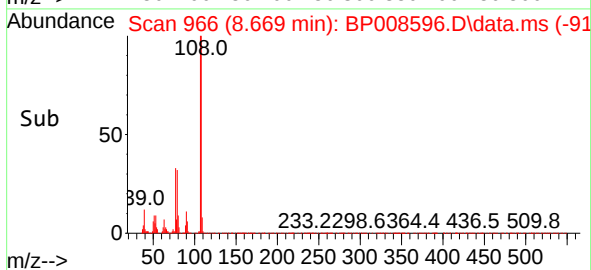
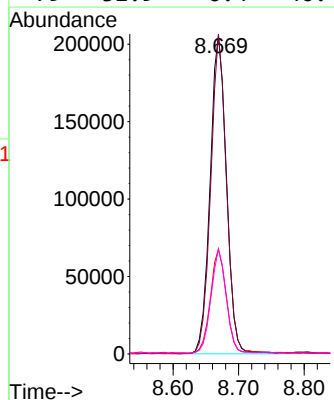
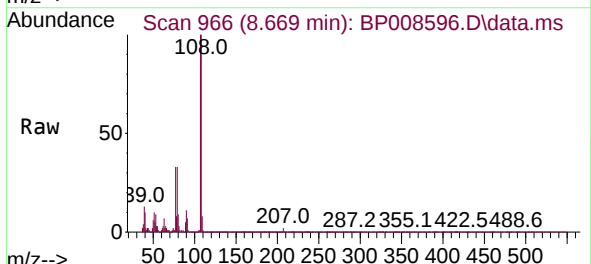
Instrument :  
BNA\_P  
ClientSampleId :  
M21013-N48854-1040DL

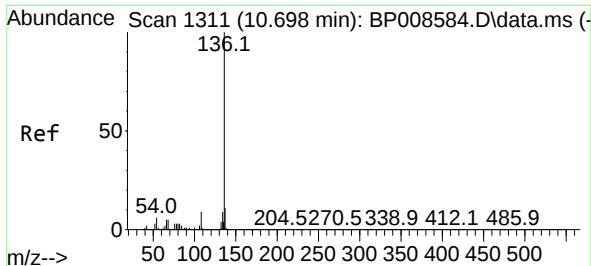
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 309077 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.0 | 90.0  | 135.0  |
| 77       | 42.4  | 32.7  | 49.1   |
| 79       | 41.1  | 32.1  | 48.1   |



#20  
3+4-Methylphenols  
Concen: 8.313 ng  
RT: 8.669 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 356211 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 100.4 | 69.8  | 109.8  |
| 77       | 32.9  | 10.4  | 50.4   |
| 79       | 32.9  | 6.4   | 46.4   |



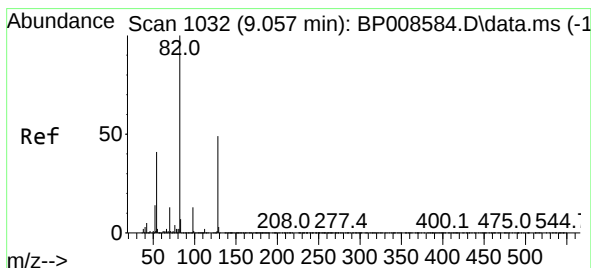
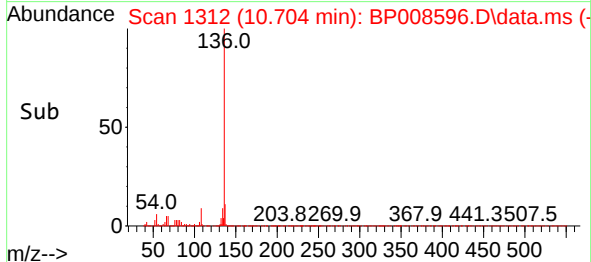
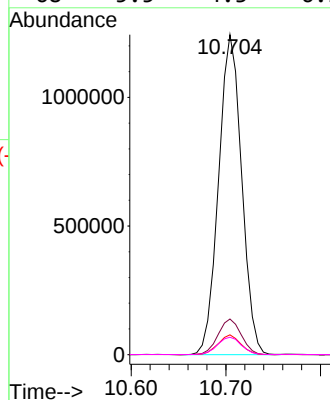
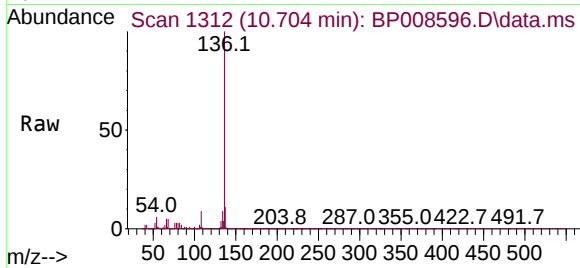


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

Instrument :  
BNA\_P  
ClientSampleId :  
M21013-N48854-1040DL

Tgt Ion:136 Resp: 2105896

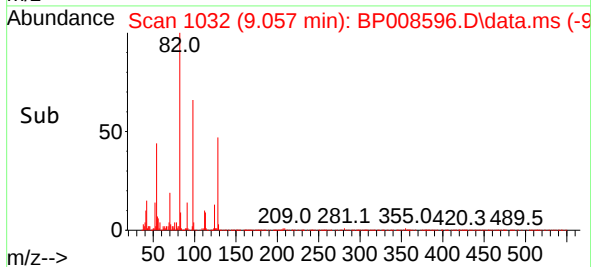
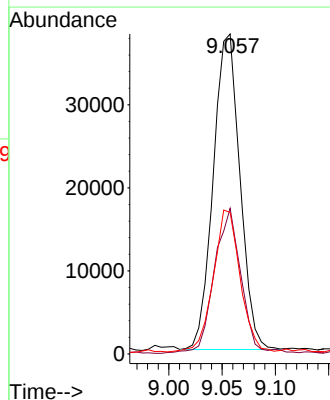
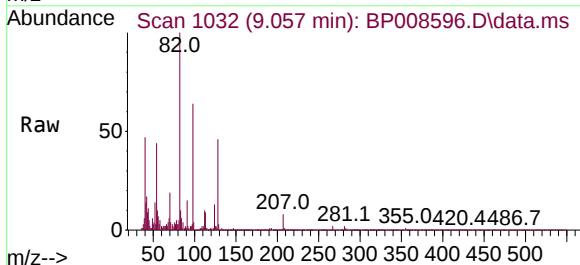
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 9.0   | 13.4  |
| 54  | 6.2   | 4.9   | 7.3   |
| 68  | 5.5   | 4.3   | 6.5   |

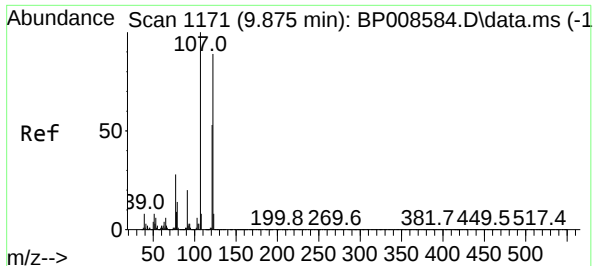


#23  
Nitrobenzene-d5  
Concen: 1.869 ng  
RT: 9.057 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

Tgt Ion: 82 Resp: 66158

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.5  | 39.4  | 59.2  |
| 54  | 44.3  | 32.6  | 48.8  |





#27

2,4-Dimethylphenol

Concen: 37.646 ng

RT: 9.910 min Scan# 1177

Delta R.T. 0.035 min

Lab File: BP008596.D

Acq: 29 Dec 2021 15:50

Instrument :

BNA\_P

ClientSampleId :

M21013-N48854-1040DL

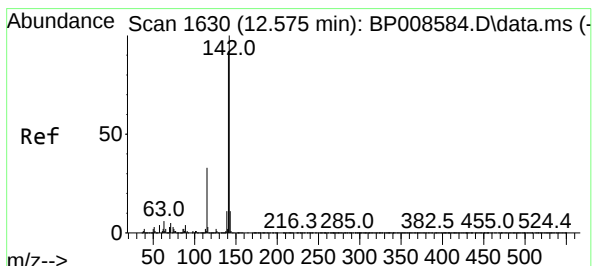
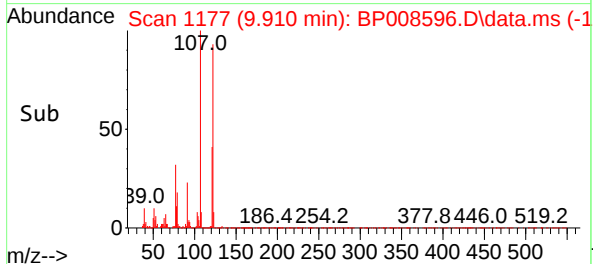
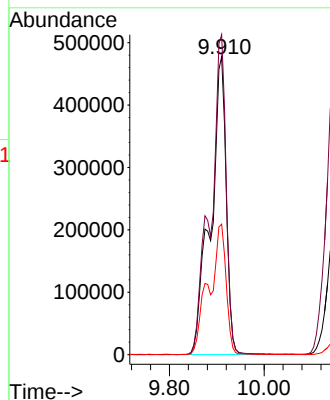
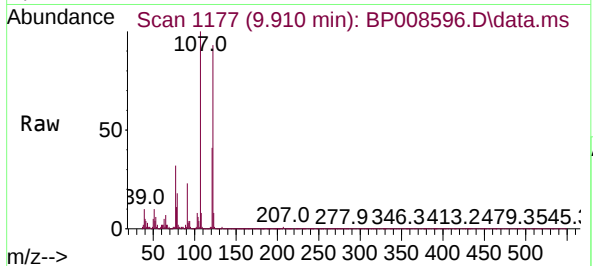
Tgt Ion:122 Resp: 1087782

Ion Ratio Lower Upper

122 100

107 107.4 89.6 134.4

121 43.8 47.8 71.8#



#38

1-Methylnaphthalene

Concen: 2.124 ng

RT: 12.581 min Scan# 1631

Delta R.T. 0.006 min

Lab File: BP008596.D

Acq: 29 Dec 2021 15:50

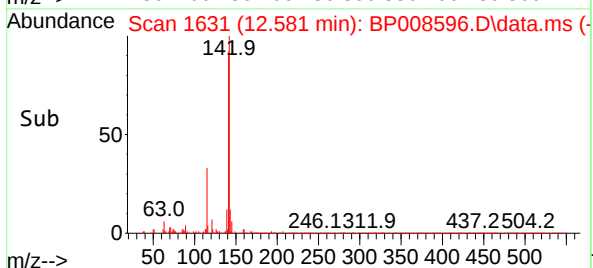
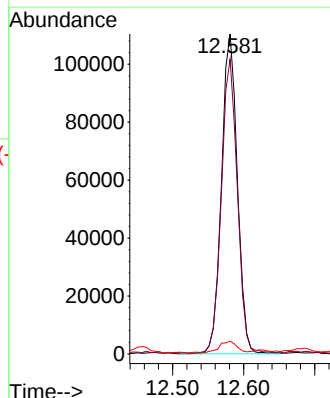
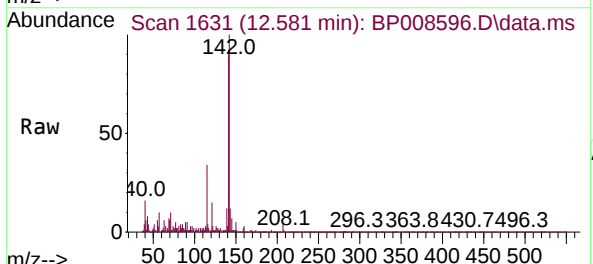
Tgt Ion:142 Resp: 170848

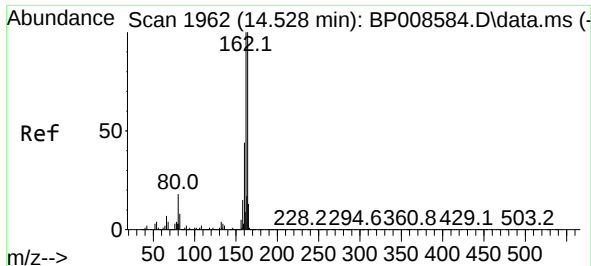
Ion Ratio Lower Upper

142 100

141 92.1 73.2 109.8

116 4.0 2.7 4.1

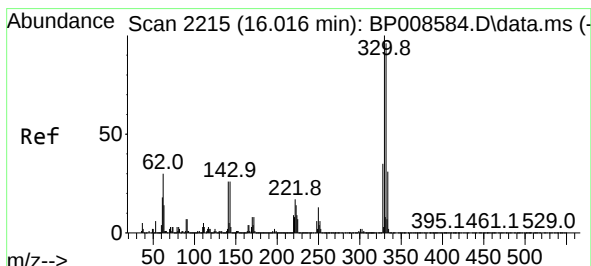
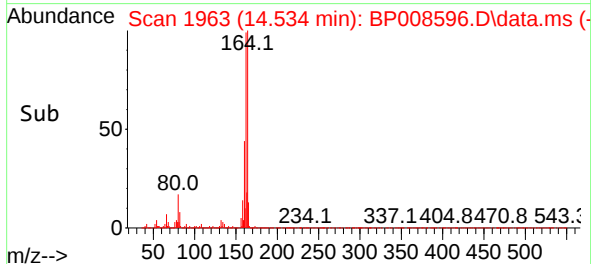
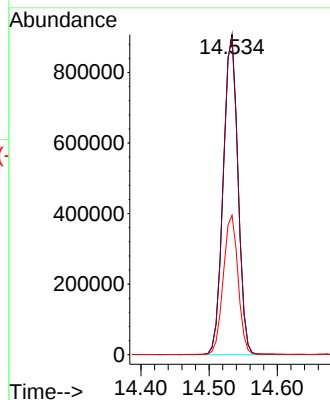
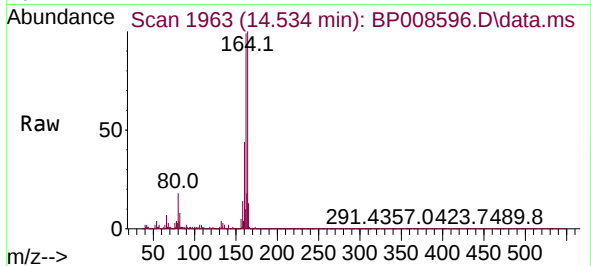




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1963  
Delta R.T. 0.006 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

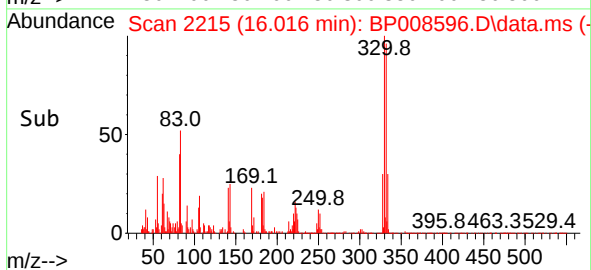
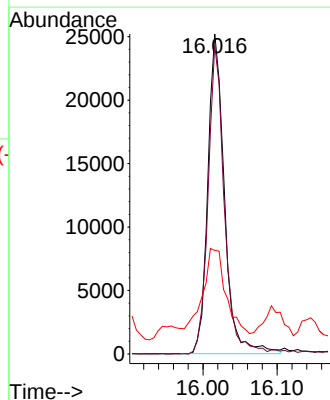
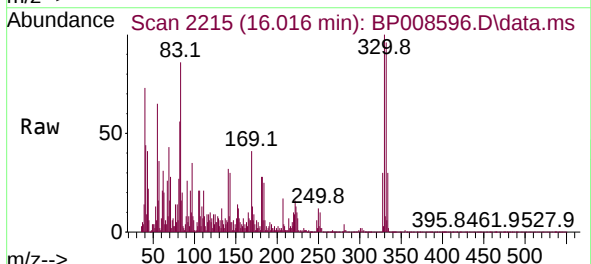
Instrument :  
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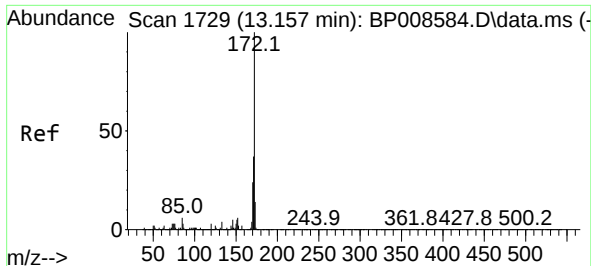
Tgt Ion:164 Resp: 1361235  
Ion Ratio Lower Upper  
164 100  
162 98.9 79.9 119.9  
160 43.6 35.5 53.3



#42  
2,4,6-Tribromophenol  
Concen: 2.139 ng  
RT: 16.016 min Scan# 2215  
Delta R.T. 0.000 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

Tgt Ion:330 Resp: 39395  
Ion Ratio Lower Upper  
330 100  
332 94.2 77.0 115.4  
141 36.1 21.3 31.9#

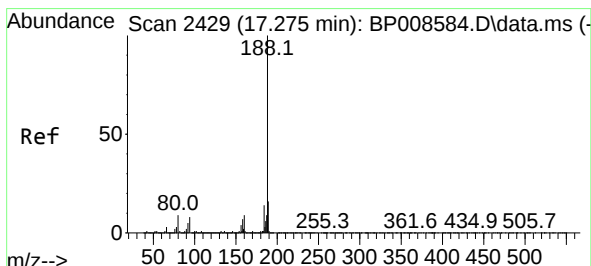
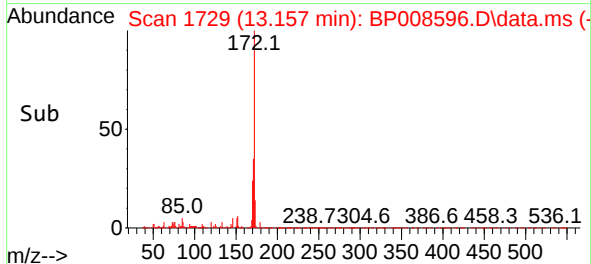
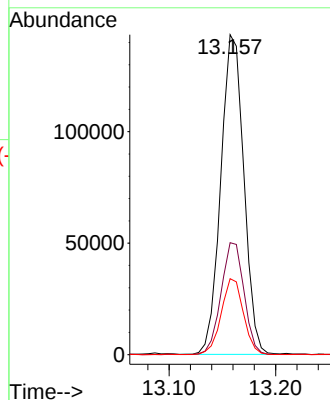
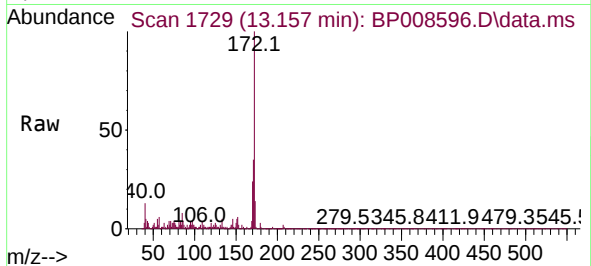




#45  
2-Fluorobiphenyl  
Concen: 2.393 ng  
RT: 13.157 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

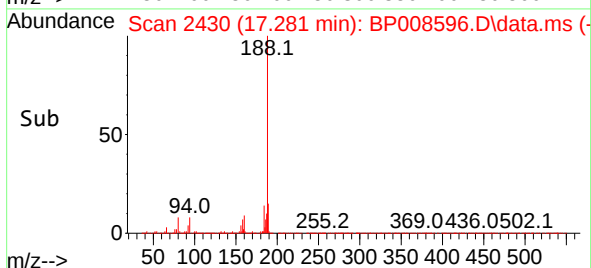
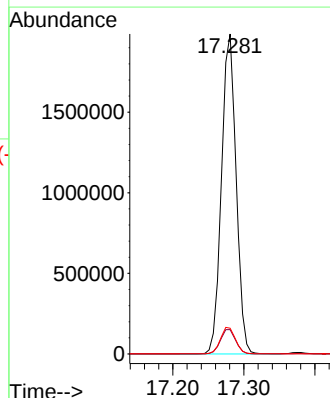
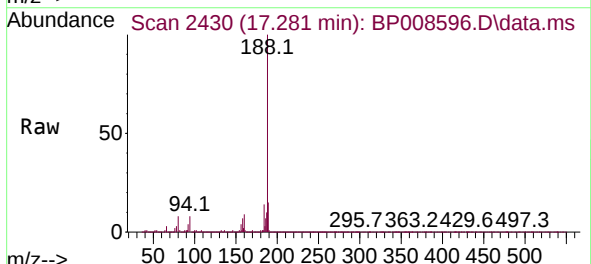
Instrument :  
BNA\_P  
ClientSampleId :  
M21013-N48854-1040DL

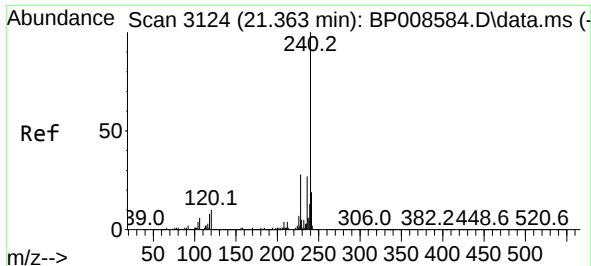
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 215638 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.0  | 29.3  | 43.9   |
| 170       | 23.8  | 19.5  | 29.3   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.281 min Scan# 2430  
Delta R.T. 0.006 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 188   | Resp: | 2830108 |
| Ion Ratio | Lower | Upper |         |
| 188       | 100   |       |         |
| 94        | 7.6   | 6.8   | 10.2    |
| 80        | 8.0   | 7.2   | 10.8    |

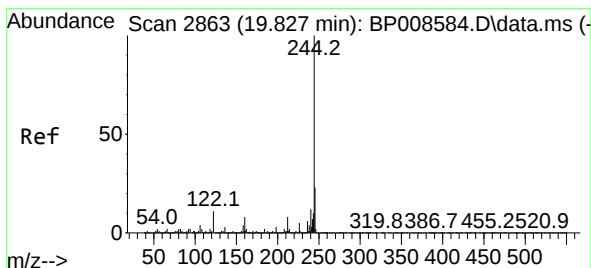
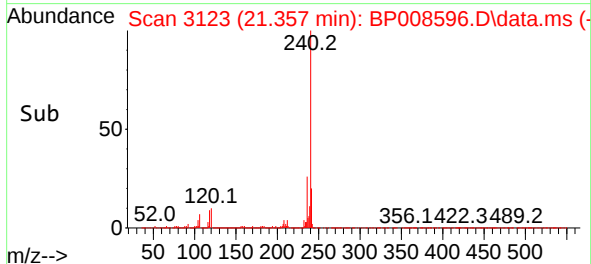
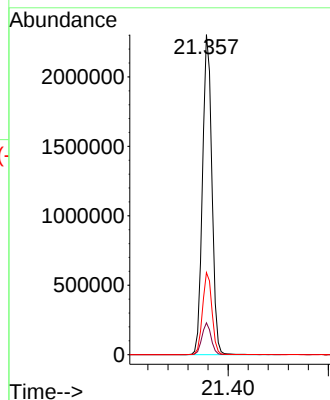
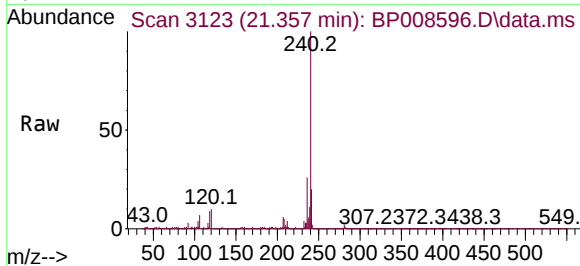




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.357 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

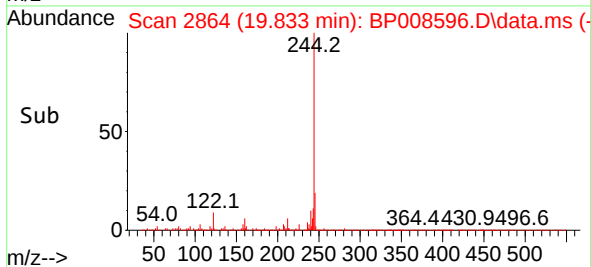
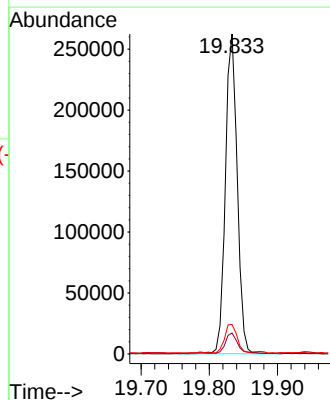
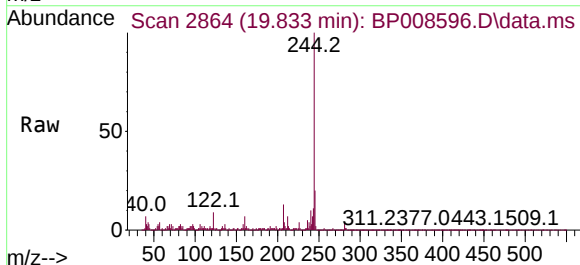
Instrument :  
BNA\_P  
ClientSampleId :  
M21013-N48854-1040DL

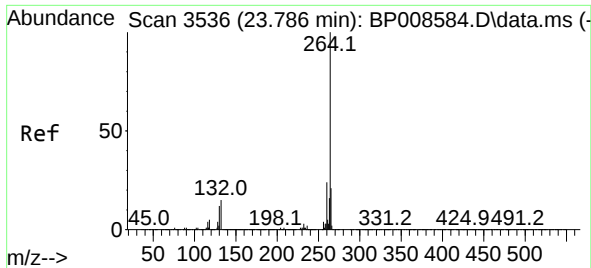
Tgt Ion:240 Resp: 2986639  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.7 11.5  
236 25.6 21.2 31.8



#79  
Terphenyl-d14  
Concen: 1.032 ng  
RT: 19.833 min Scan# 2864  
Delta R.T. 0.006 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

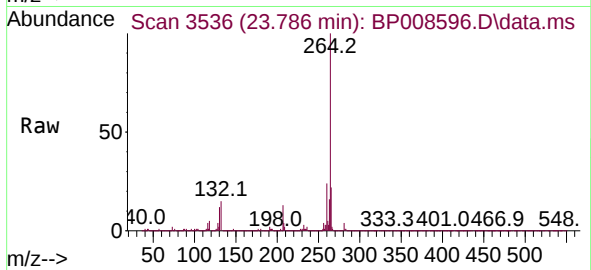
Tgt Ion:244 Resp: 316922  
Ion Ratio Lower Upper  
244 100  
212 6.6 6.5 9.7  
122 9.2 9.2 13.8





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.786 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP008596.D  
Acq: 29 Dec 2021 15:50

Instrument :  
BNA\_P  
ClientSampleId :  
M21013-N48854-1040DL



Tgt Ion:264 Resp: 3263242  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.1 28.7  
265 21.7 17.1 25.7

