

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060921\  
 Data File : BP005819.D  
 Acq On : 09 Jun 2021 20:53  
 Operator : CG/JU  
 Sample : M2589-34  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B11(0-2)

Quant Time: Jun 10 01:22:23 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 09 11:54:55 2021  
 Response via : Initial Calibration

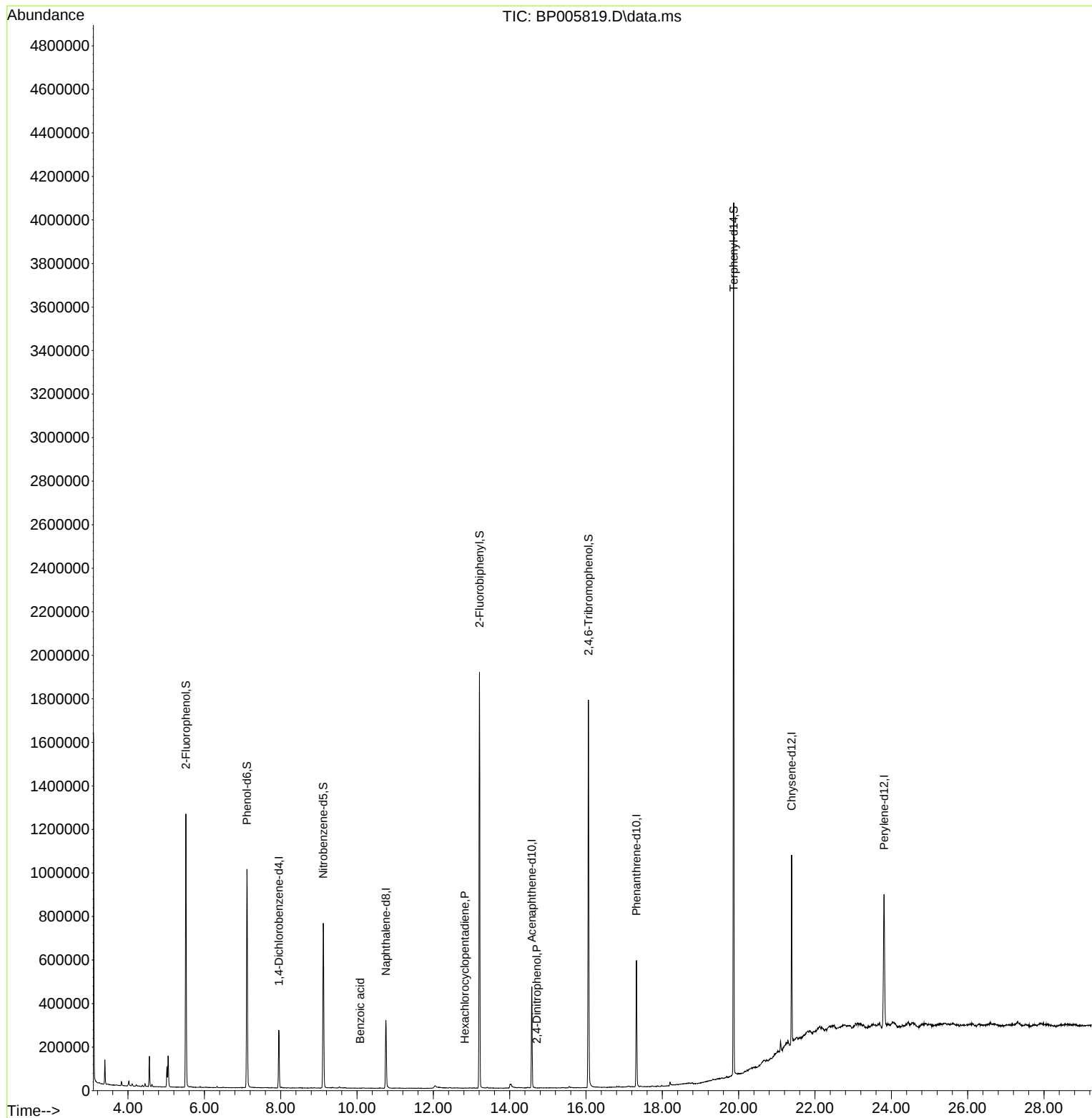
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.952  | 152  | 71570    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.757 | 136  | 265190   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.581 | 164  | 163266   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.322 | 188  | 344250   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.386 | 240  | 409336   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.810 | 264  | 471818   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 534244   | 119.78 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.116  | 99   | 570523   | 98.69  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.116  | 82   | 444054   | 82.09  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.063 | 330  | 365729   | 130.54 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.210 | 172  | 976134   | 78.51  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.869 | 244  | 1807530  | 82.68  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid              | 10.081 | 122  | 25       | 6.33   | ng    | # 1      |
| 41) Hexachlorocyclopentadiene | 12.828 | 237  | 23       | 5.51   | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.710 | 184  | 21       | 4.86   | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

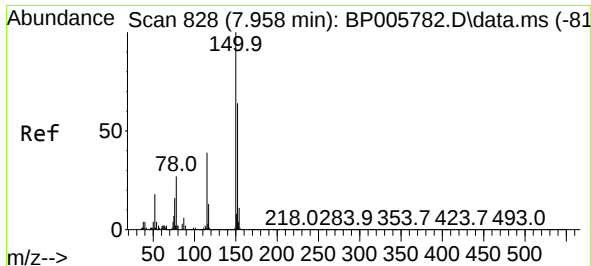
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060921\  
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :  
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Quant Time: Jun 10 01:22:23 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 09 11:54:55 2021  
Response via : Initial Calibration

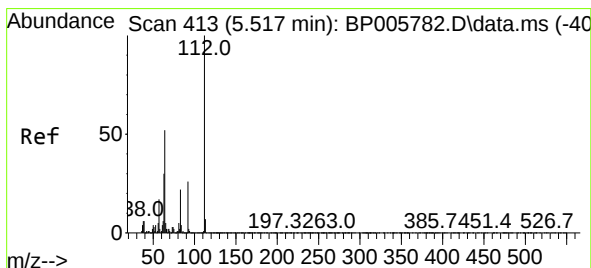
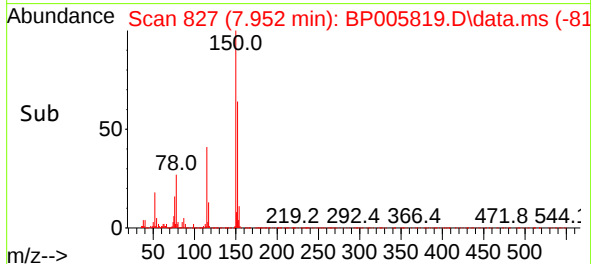
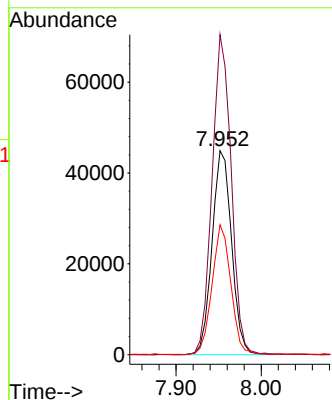
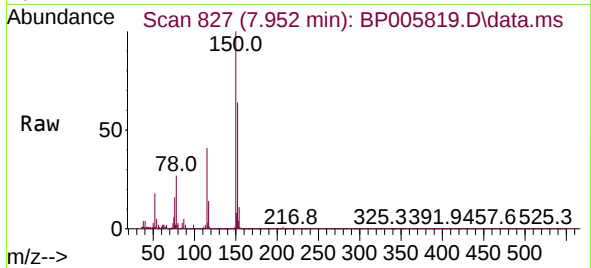




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.952 min Scan# 827  
Delta R.T. -0.006 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

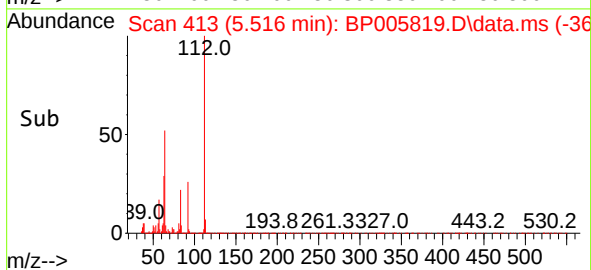
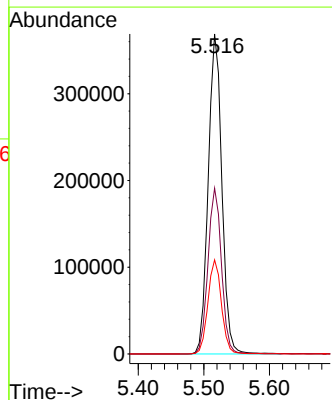
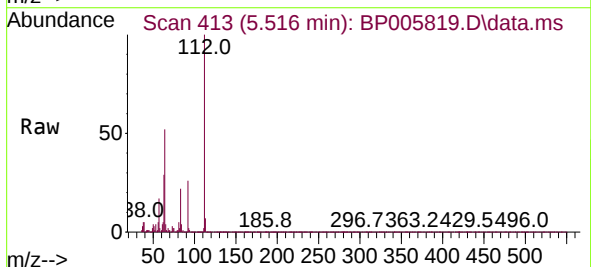
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(0-2)

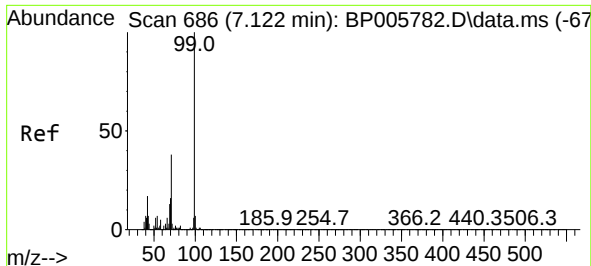
Tgt Ion:152 Resp: 71570  
Ion Ratio Lower Upper  
152 100  
150 156.9 125.6 188.4  
115 63.7 48.5 72.7



#5  
2-Fluorophenol  
Concen: 119.78 ng  
RT: 5.516 min Scan# 413  
Delta R.T. -0.001 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

Tgt Ion:112 Resp: 534244  
Ion Ratio Lower Upper  
112 100  
64 51.8 41.4 62.2  
63 29.4 23.8 35.8

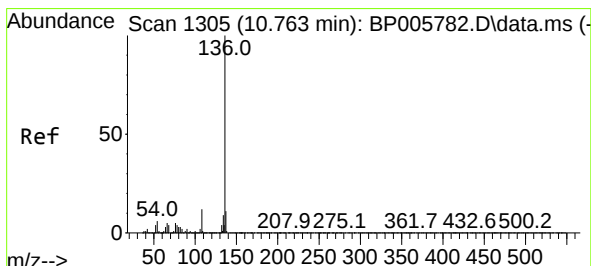
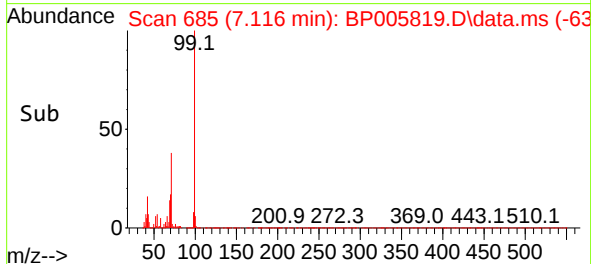
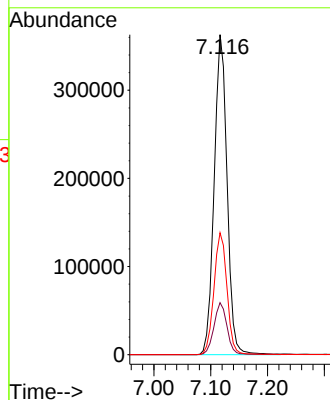
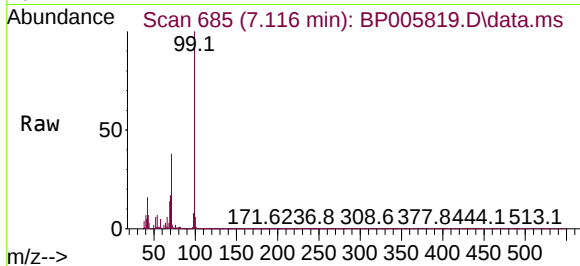




#7  
Phenol-d6  
Concen: 98.69 ng  
RT: 7.116 min Scan# 685  
Delta R.T. -0.006 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

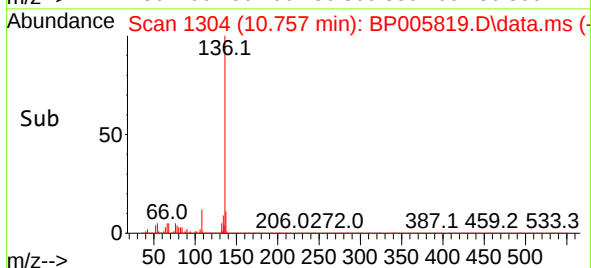
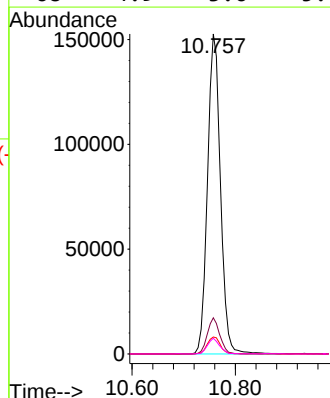
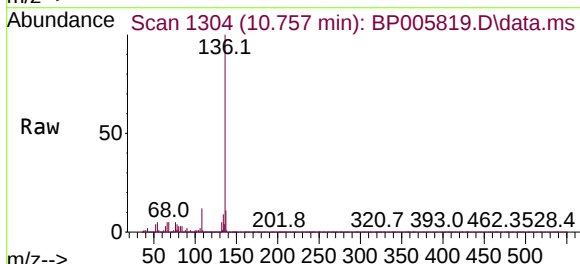
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(0-2)

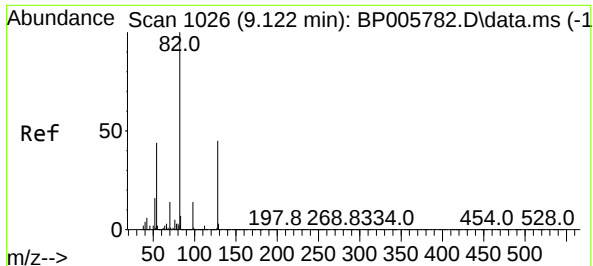
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 570523 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 16.3  | 13.4  | 20.0   |
| 71       | 38.1  | 30.6  | 46.0   |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.757 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 265190 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.6   | 12.8   |
| 54       | 5.3   | 4.6   | 6.8    |
| 68       | 4.9   | 3.6   | 5.4    |

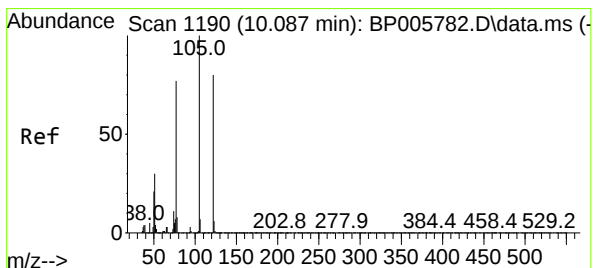
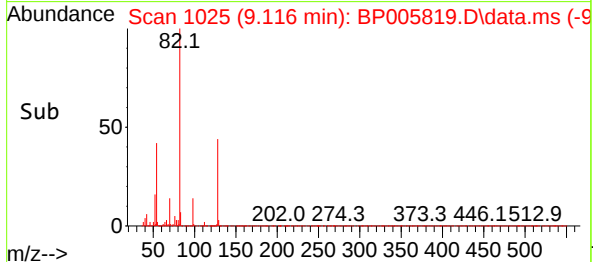
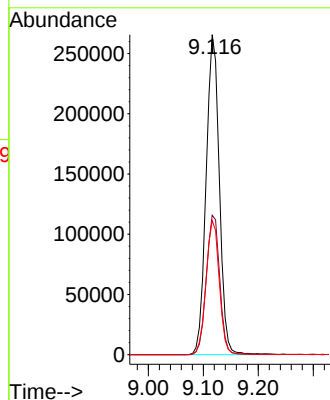
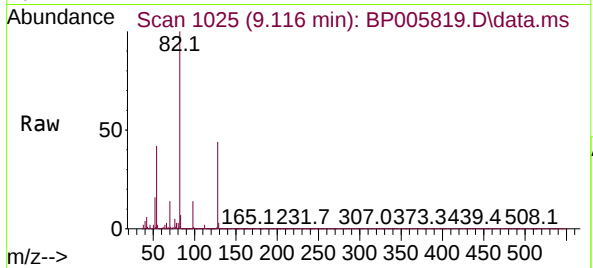




#23  
Nitrobenzene-d5  
Concen: 82.09 ng  
RT: 9.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

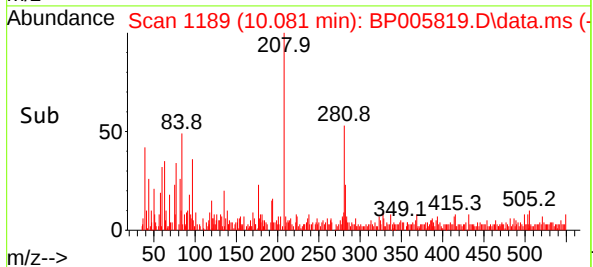
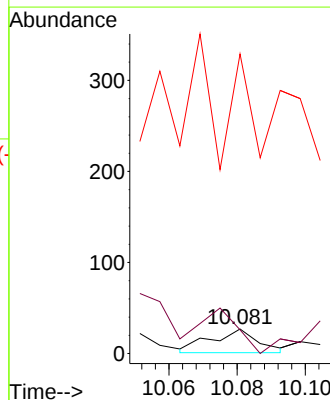
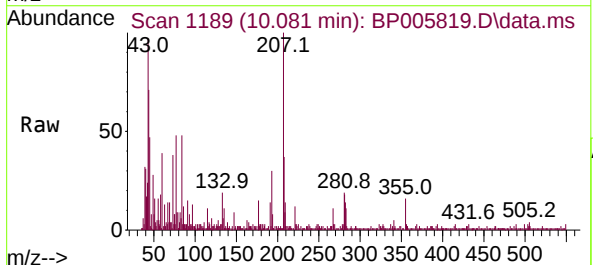
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(0-2)

Tgt Ion: 82 Resp: 444054  
Ion Ratio Lower Upper  
82 100  
128 43.6 35.7 53.5  
54 41.9 35.0 52.4



#32  
Benzoic acid  
Concen: 6.33 ng  
RT: 10.081 min Scan# 1189  
Delta R.T. -0.006 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

Tgt Ion: 122 Resp: 25  
Ion Ratio Lower Upper  
122 100  
105 96.3 103.2 143.2#  
77 1218.5 76.2 116.2#

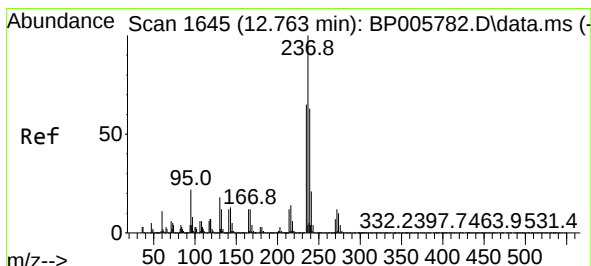
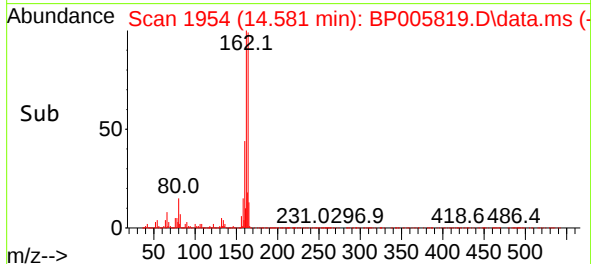
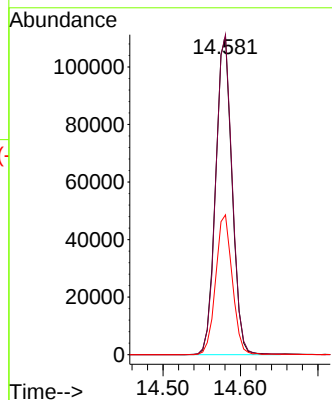
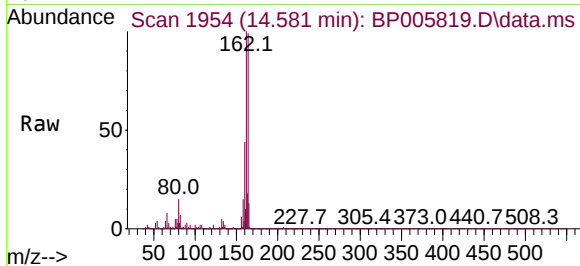




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.581 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

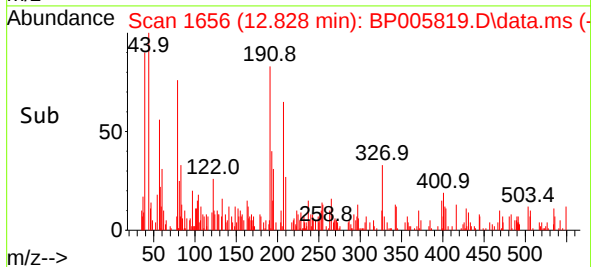
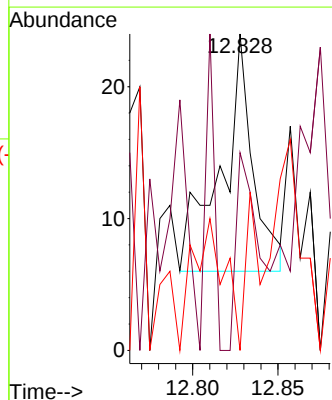
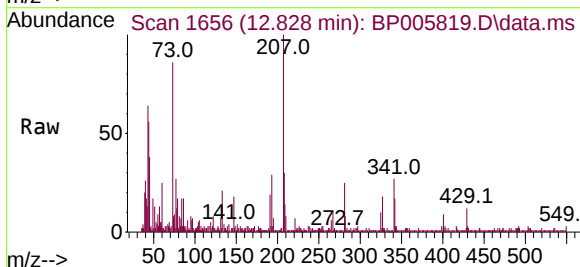
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(0-2)

Tgt Ion:164 Resp: 163266  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.2 120.2  
160 43.9 34.5 51.7



#41  
Hexachlorocyclopentadiene  
Concen: 5.51 ng  
RT: 12.828 min Scan# 1656  
Delta R.T. 0.065 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

Tgt Ion:237 Resp: 23  
Ion Ratio Lower Upper  
237 100  
235 62.5 44.5 84.5  
272 0.0 0.0 32.5

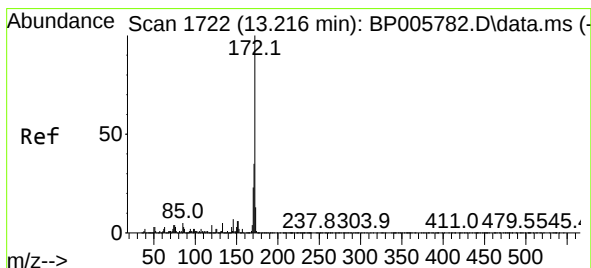
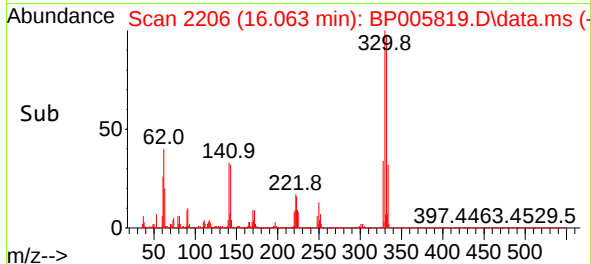
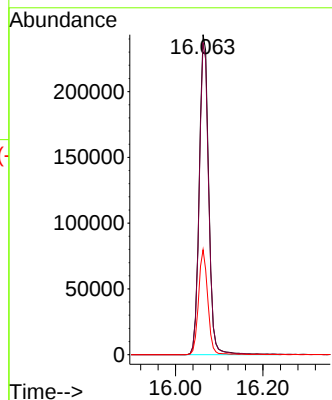
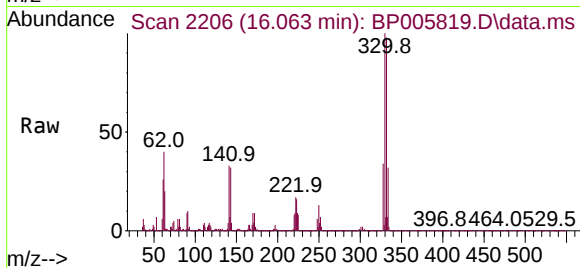




#42  
2,4,6-Tribromophenol  
Concen: 130.54 ng  
RT: 16.063 min Scan# 2206  
Delta R.T. -0.006 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

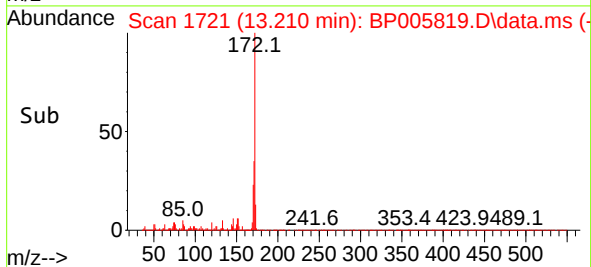
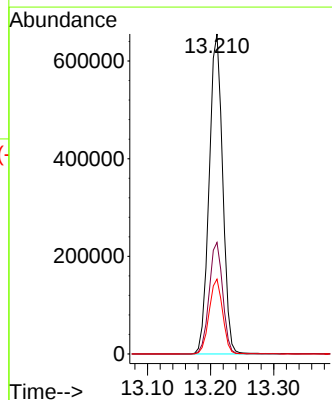
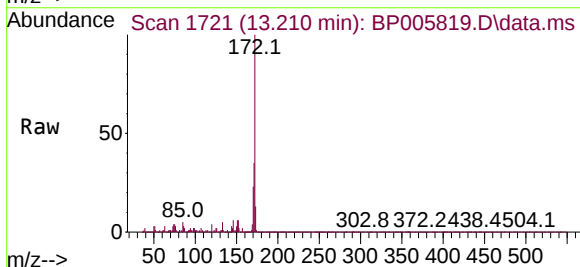
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(0-2)

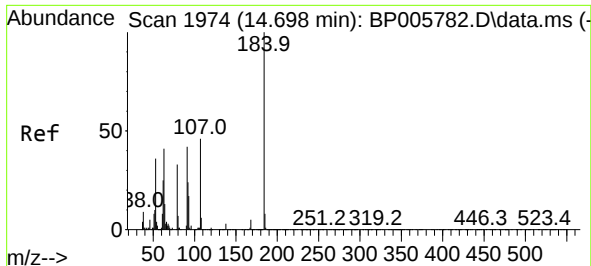
Tgt Ion: 330 Resp: 365729  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.8  
141 32.0 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 78.51 ng  
RT: 13.210 min Scan# 1721  
Delta R.T. -0.006 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

Tgt Ion: 172 Resp: 976134  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.9 41.9  
170 23.4 18.6 27.8

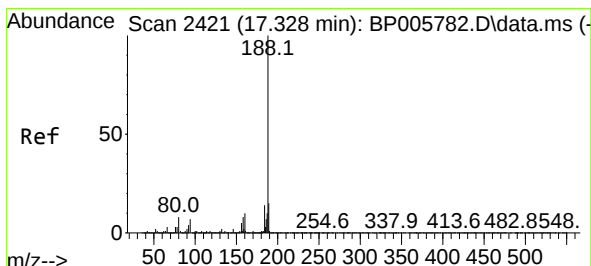
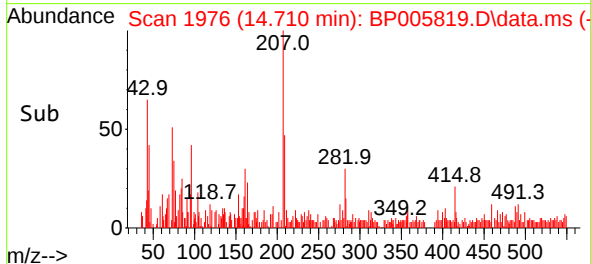
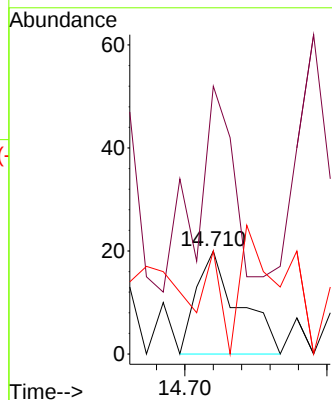
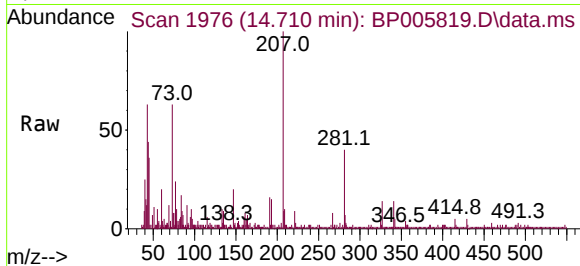




#54  
2,4-Dinitrophenol  
Concen: 4.86 ng  
RT: 14.710 min Scan# 1976  
Delta R.T. 0.012 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

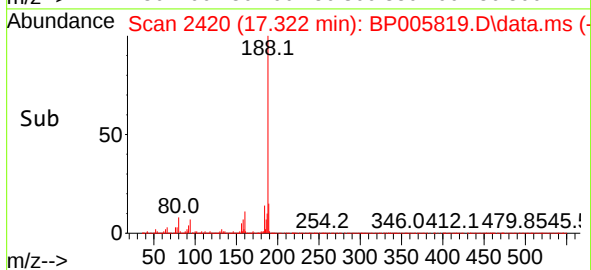
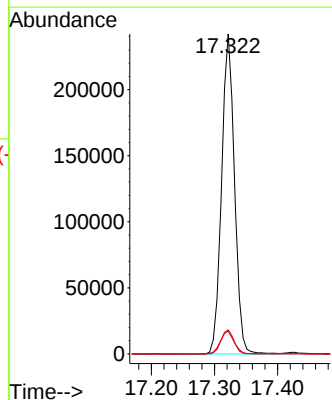
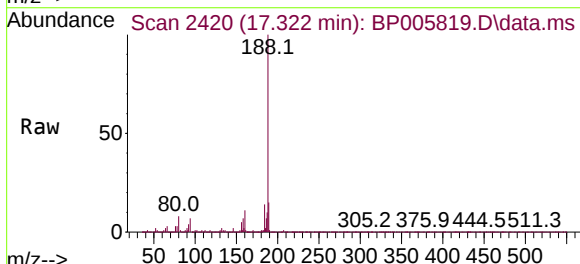
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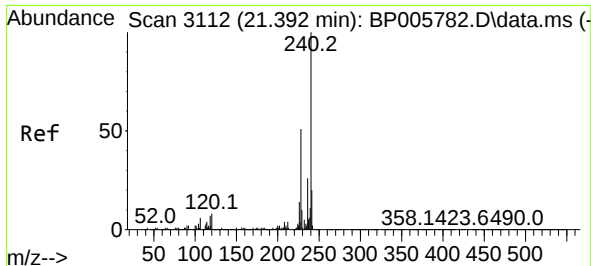
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Ion Ratio Lower Upper  
184 100  
63 260.0 47.0 70.6#  
154 160.0 52.3 78.5#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.322 min Scan# 2420  
Delta R.T. -0.006 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

Tgt Ion:188 Resp: 344250  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.6 8.4  
80 7.5 6.3 9.5

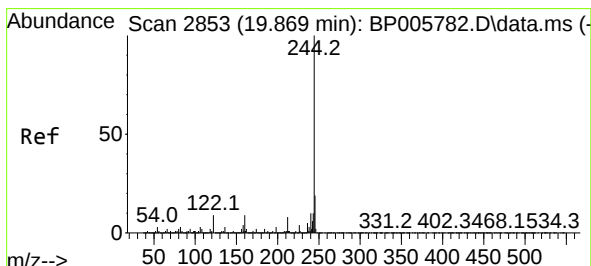
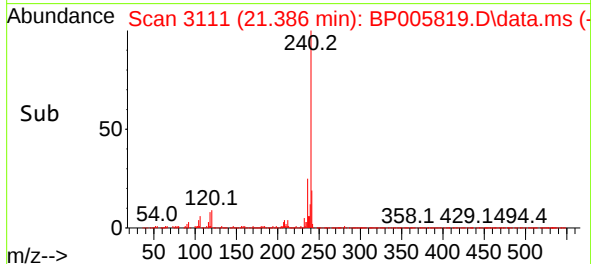
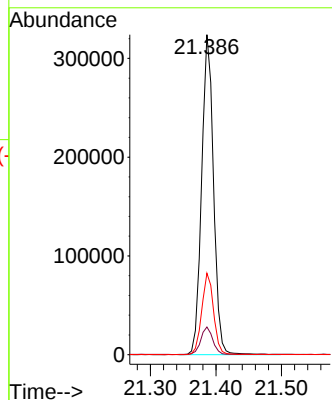
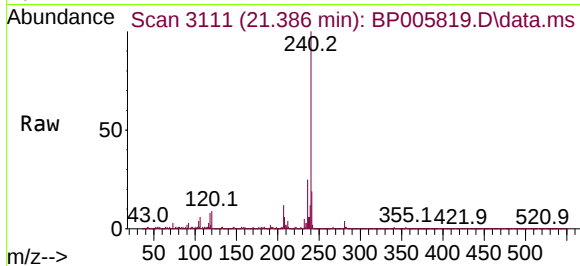




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.386 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

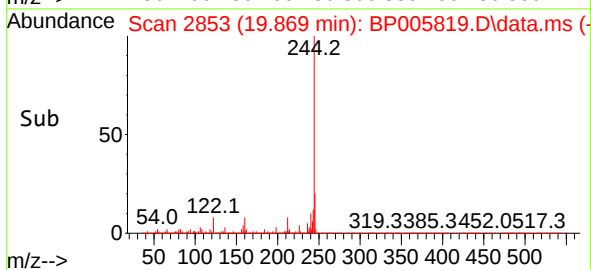
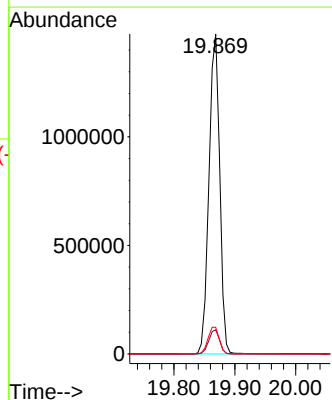
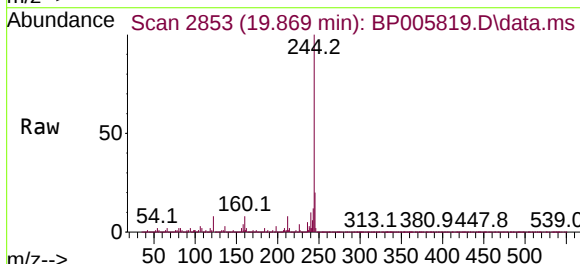
Instrument :  
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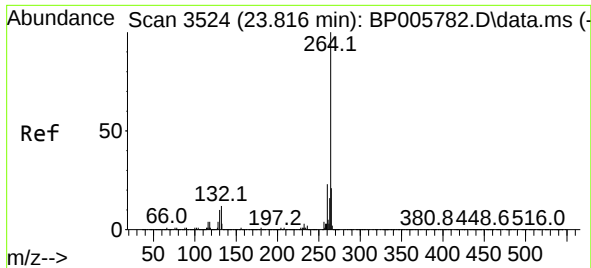
Tgt Ion:240 Resp: 409336  
Ion Ratio Lower Upper  
240 100  
120 8.7 6.5 9.7  
236 25.5 20.6 31.0



#79  
Terphenyl-d14  
Concen: 82.68 ng  
RT: 19.869 min Scan# 2853  
Delta R.T. -0.000 min  
Lab File: BP005819.D  
Acq: 09 Jun 2021 20:53

Tgt Ion:244 Resp: 1807530  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.0 9.0  
122 8.4 7.1 10.7





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.810 min Scan# 3523  
 Delta R.T. -0.006 min  
 Lab File: BP005819.D  
 Acq: 09 Jun 2021 20:53

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B11(0-2)

Tgt Ion:264 Resp: 471818  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.6 28.0  
 265 21.7 17.6 26.4

