

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120621\  
 Data File : BP008231.D  
 Acq On : 06 Dec 2021 16:28  
 Operator : CG/JU  
 Sample : M4920-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Dec 06 17:16:27 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 03 14:39:24 2021  
 Response via : Initial Calibration

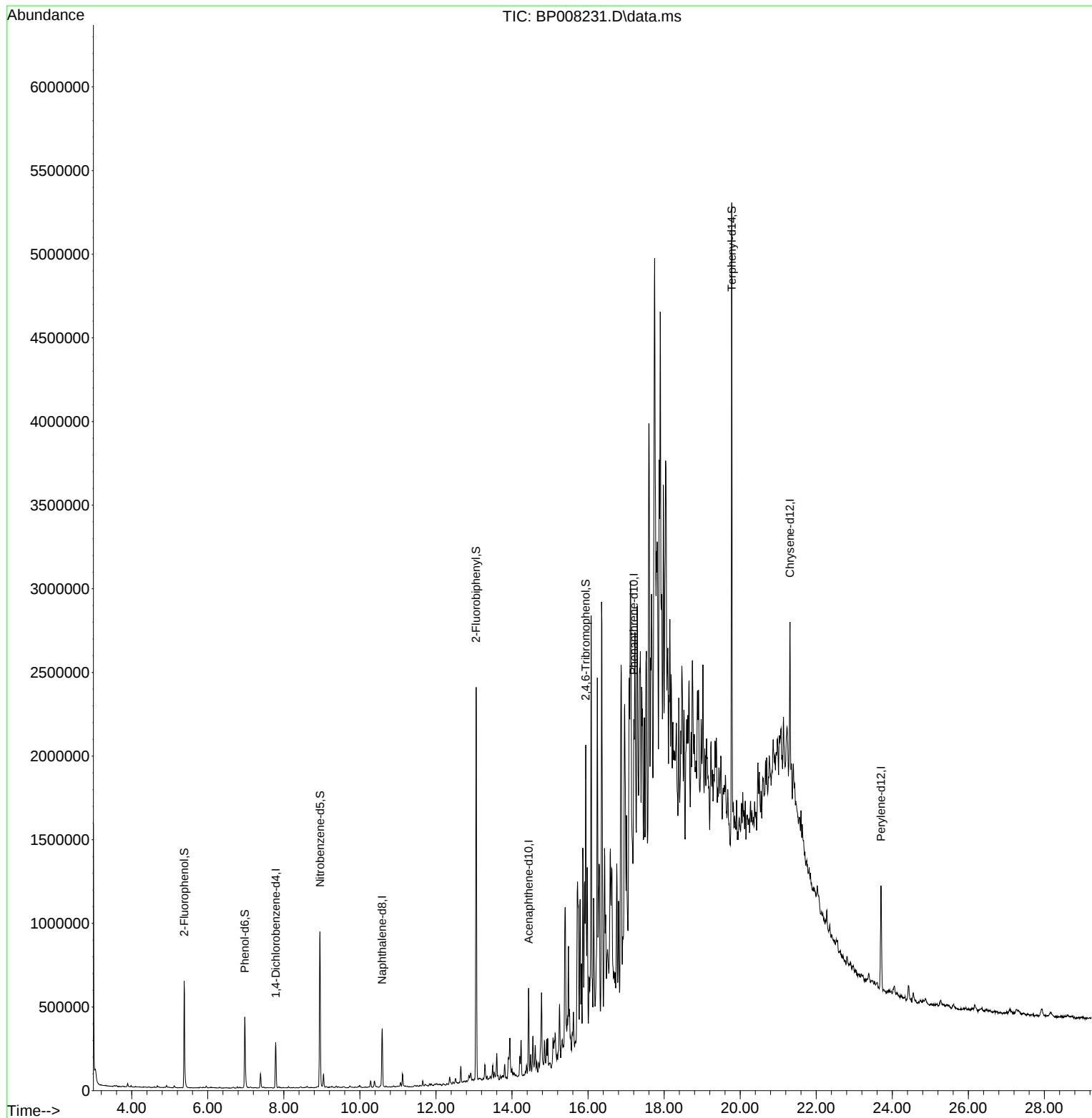
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 71913    | 20.000    | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.587 | 136  | 269027   | 20.000    | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.440 | 164  | 177468   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.204 | 188  | 365374   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12            | 21.310 | 240  | 421359   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12            | 23.704 | 264  | 476612   | 20.000    | ng    | -0.01    |
|                             |        |      |          |           |       |          |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 265084   | 59.351    | ng    | 0.00     |
| 7) Phenol-d6                | 6.975  | 99   | 246389   | 40.865    | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.952  | 82   | 560761   | 94.785    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.939 | 330  | 311995   | 137.543   | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.057 | 172  | 1179155  | 96.511    | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.780 | 244  | 1813378  | 89.943    | ng    | 0.00     |
|                             |        |      |          |           |       |          |
| Target Compounds            |        |      |          |           |       |          |
| 9) Benzaldehyde             | 6.940  | 77   | 359      | Below Cal | #     | 75       |
| 78) Pyrene                  | 19.580 | 202  | 13701    | Below Cal | #     | 1        |
| -----                       |        |      |          |           |       |          |

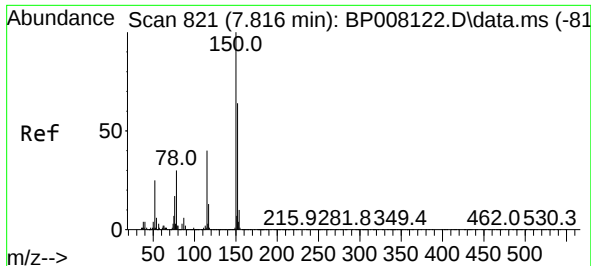
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120621\  
Data File : BP008231.D  
Acq On : 06 Dec 2021 16:28  
Operator : CG/JU  
Sample : M4920-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :

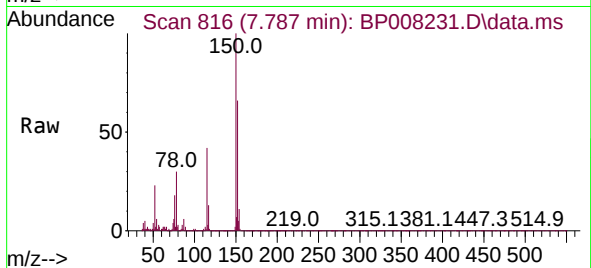
Quant Time: Dec 06 17:16:27 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 03 14:39:24 2021  
Response via : Initial Calibration



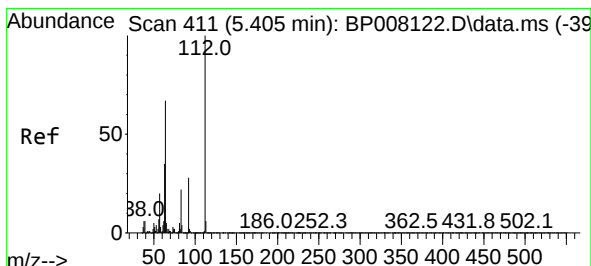
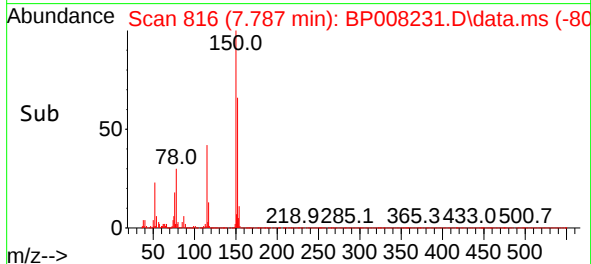
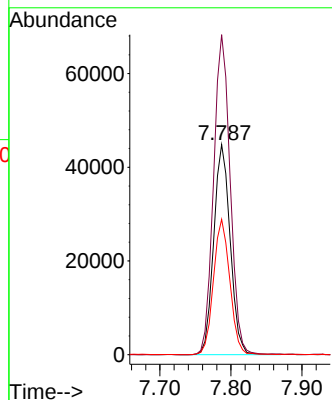


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

Instrument :  
BNA\_P  
ClientSampleId :

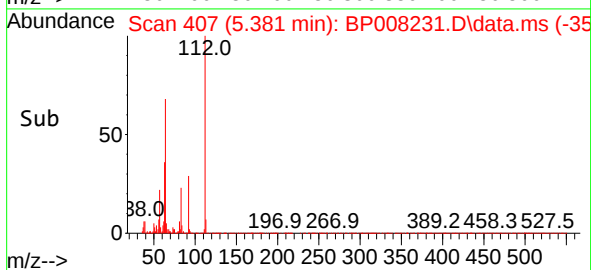
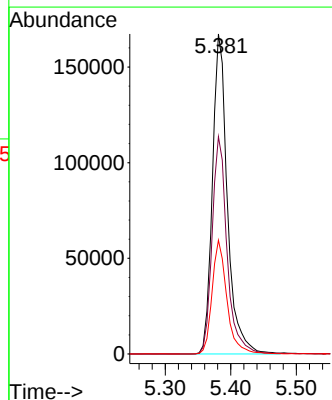
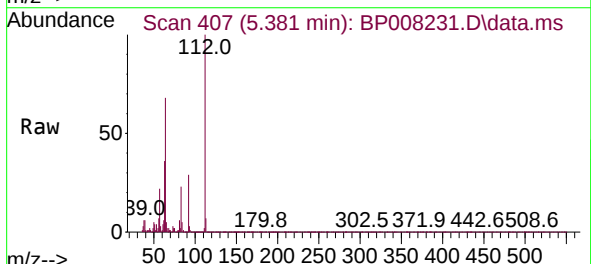


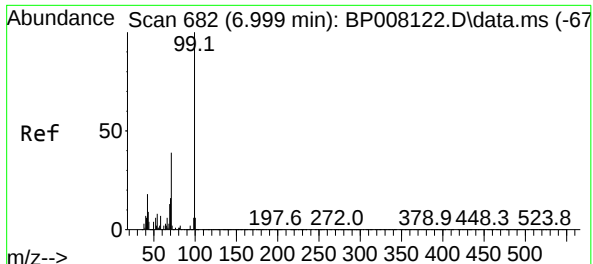
Tgt Ion:152 Resp: 71913  
Ion Ratio Lower Upper  
152 100  
150 152.3 125.7 188.5  
115 64.4 50.7 76.1



#5  
2-Fluorophenol  
Concen: 59.351 ng  
RT: 5.381 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

Tgt Ion:112 Resp: 265084  
Ion Ratio Lower Upper  
112 100  
64 67.9 53.4 80.2  
63 35.6 27.8 41.8

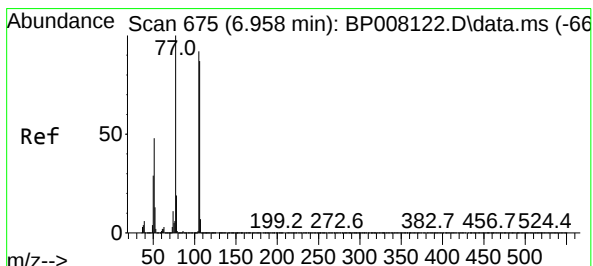
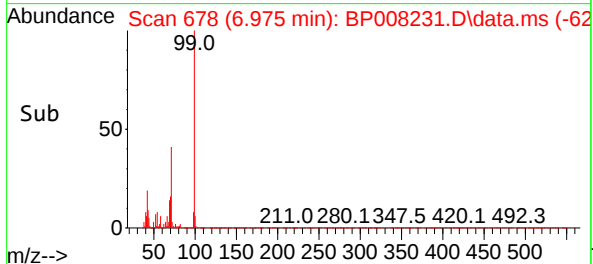
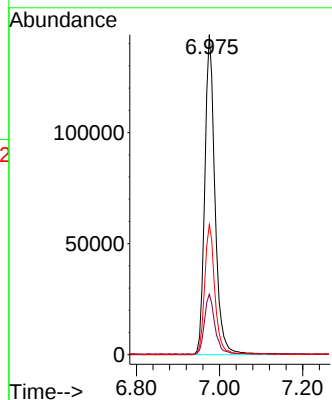
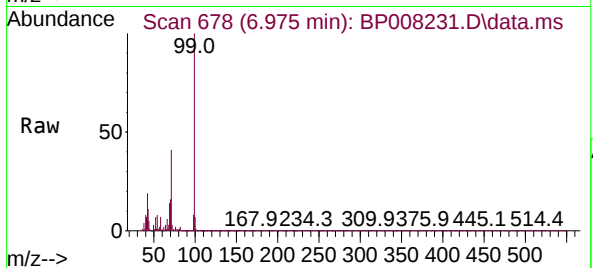




#7  
Phenol-d6  
Concen: 40.865 ng  
RT: 6.975 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

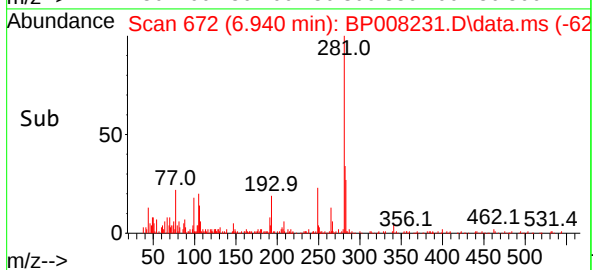
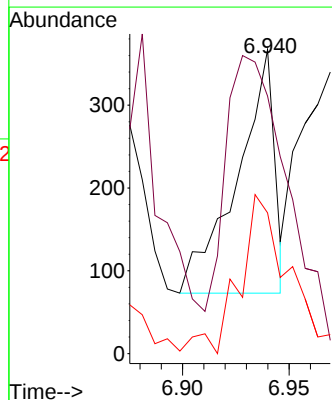
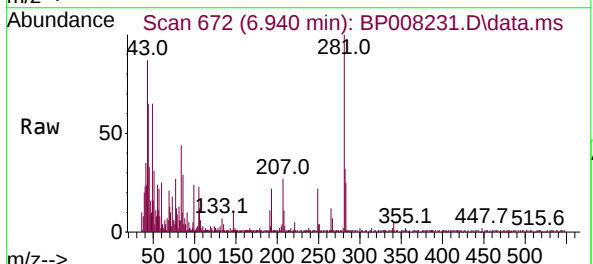
Instrument :  
BNA\_P  
ClientSampleId :

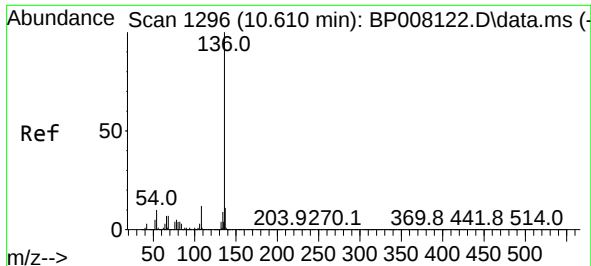
Tgt Ion: 99 Resp: 246389  
Ion Ratio Lower Upper  
99 100  
42 18.9 14.6 22.0  
71 40.7 31.1 46.7



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.940 min Scan# 672  
Delta R.T. -0.000 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

Tgt Ion: 77 Resp: 359  
Ion Ratio Lower Upper  
77 100  
105 84.7 71.8 111.8  
106 46.3 67.3 107.3#

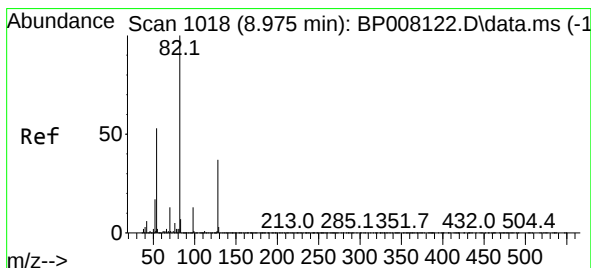
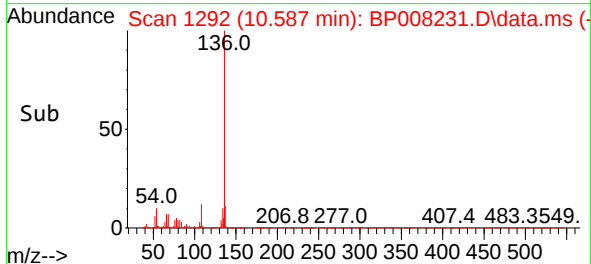
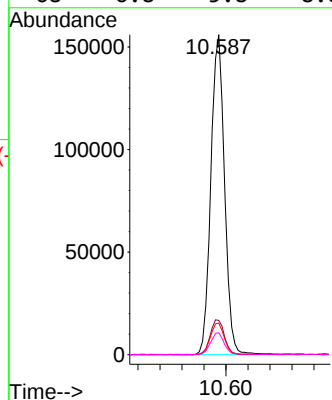
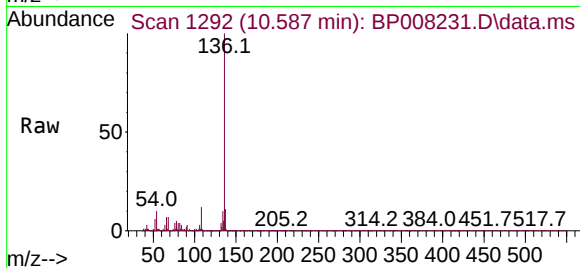




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.587 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

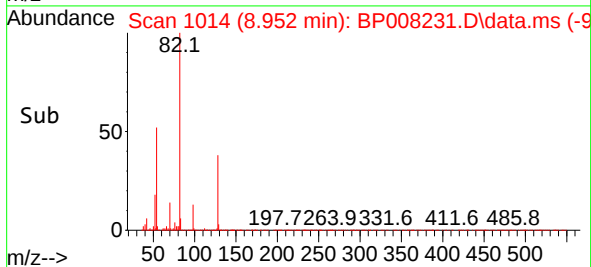
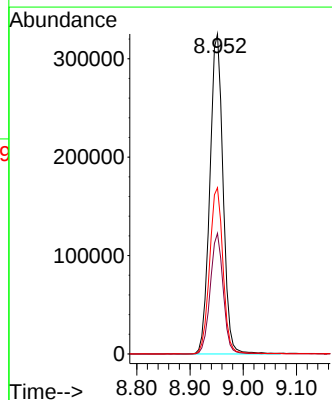
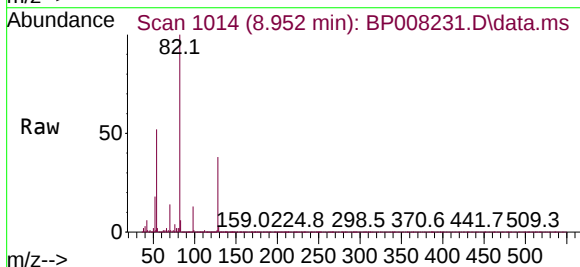
Instrument :  
BNA\_P  
ClientSampleId :

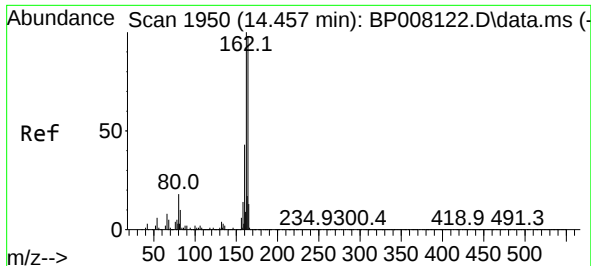
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 269027 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 9.0   | 13.6   |
| 54       | 9.8   | 8.2   | 12.4   |
| 68       | 6.8   | 5.8   | 8.8    |



#23  
Nitrobenzene-d5  
Concen: 94.785 ng  
RT: 8.952 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 560761 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 37.7  | 29.6  | 44.4   |
| 54       | 51.9  | 42.7  | 64.1   |

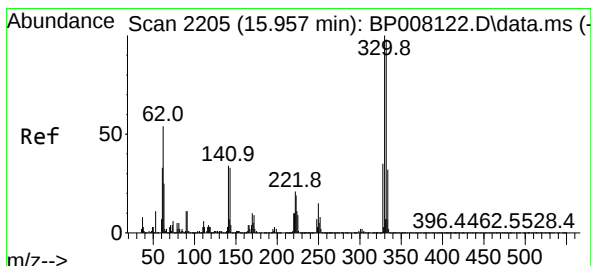
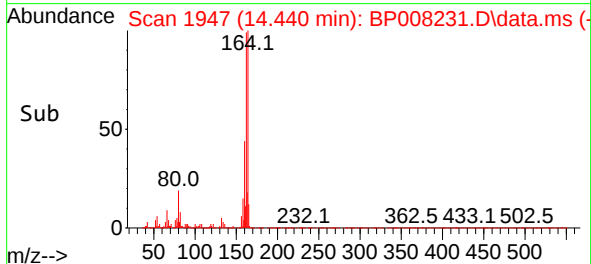
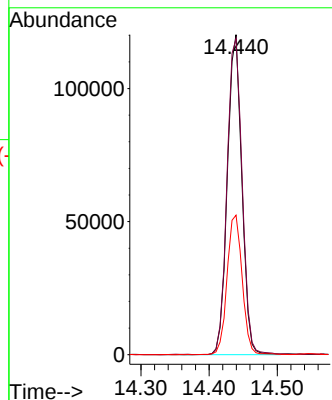
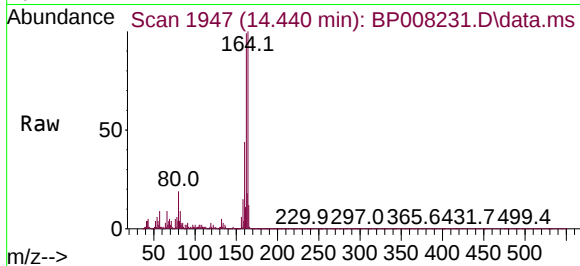




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.440 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

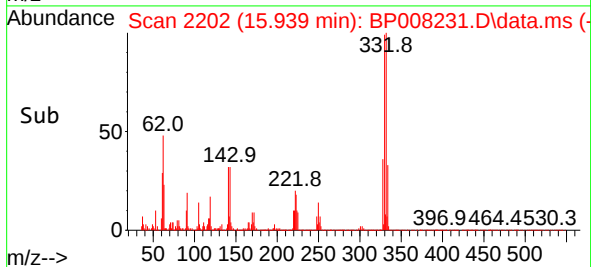
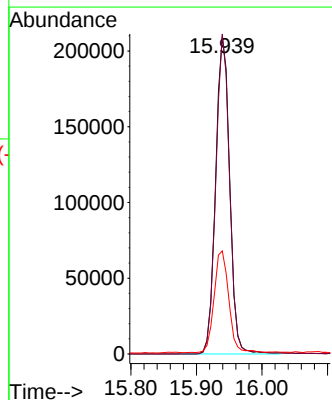
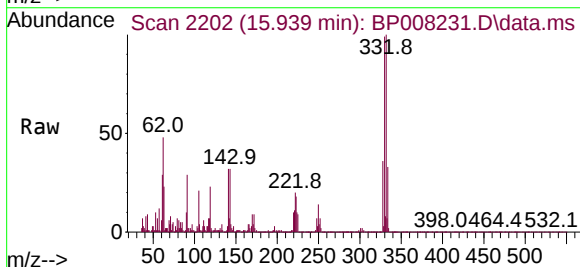
Instrument :  
BNA\_P  
ClientSampleId :

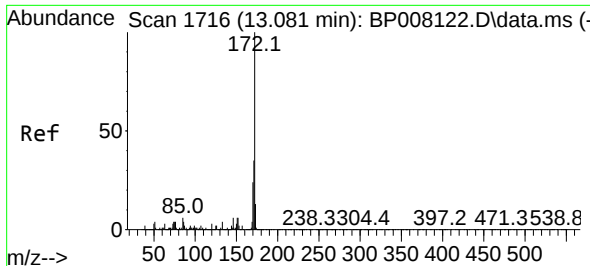
Tgt Ion:164 Resp: 177468  
Ion Ratio Lower Upper  
164 100  
162 98.7 81.9 122.9  
160 43.6 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 137.543 ng  
RT: 15.939 min Scan# 2202  
Delta R.T. -0.012 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

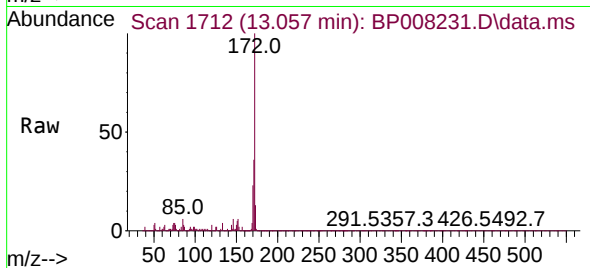
Tgt Ion:330 Resp: 311995  
Ion Ratio Lower Upper  
330 100  
332 98.5 77.0 115.4  
141 33.6 28.4 42.6



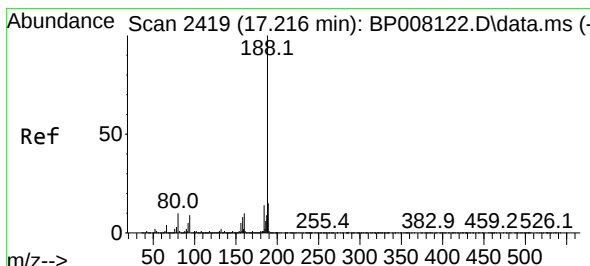
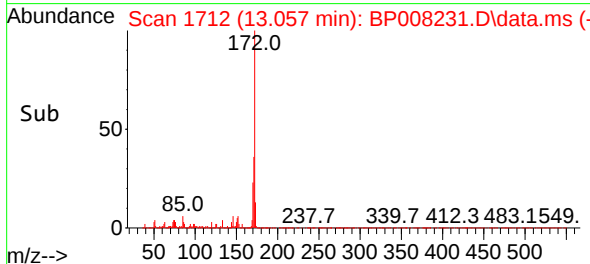
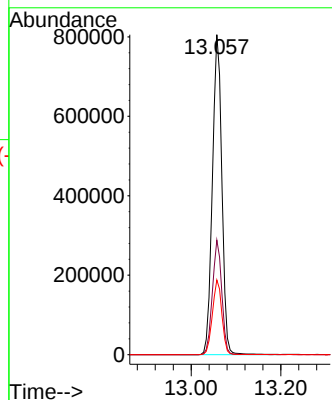


#45  
2-Fluorobiphenyl  
Concen: 96.511 ng  
RT: 13.057 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

Instrument :  
BNA\_P  
ClientSampleId :

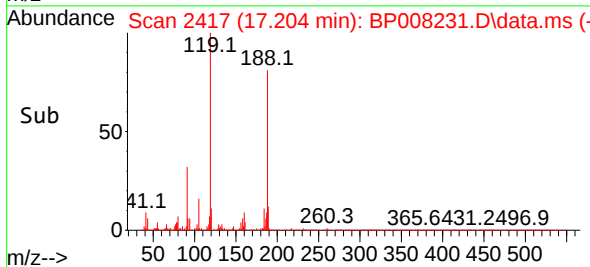
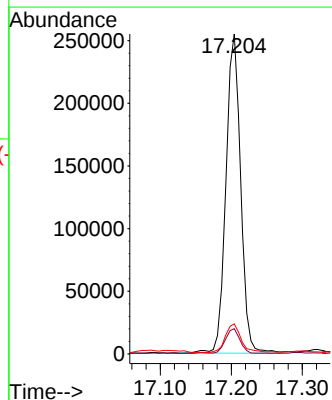
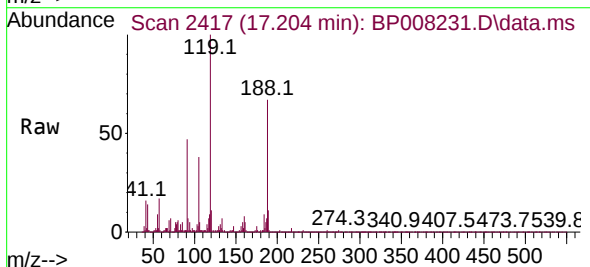


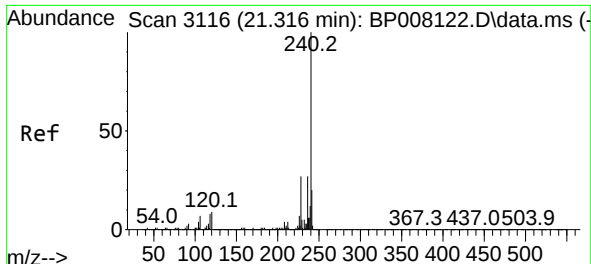
Tgt Ion:172 Resp: 1179155  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.0 42.0  
170 23.4 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

Tgt Ion:188 Resp: 365374  
Ion Ratio Lower Upper  
188 100  
94 7.9 7.2 10.8  
80 9.4 8.2 12.4

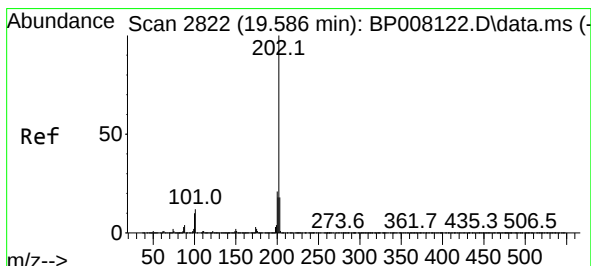
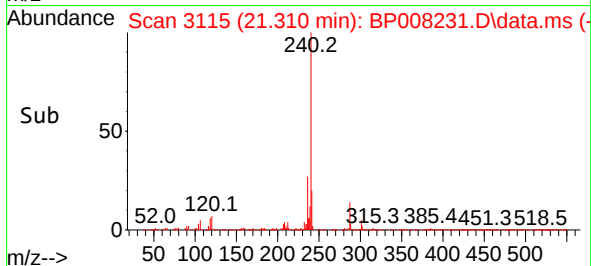
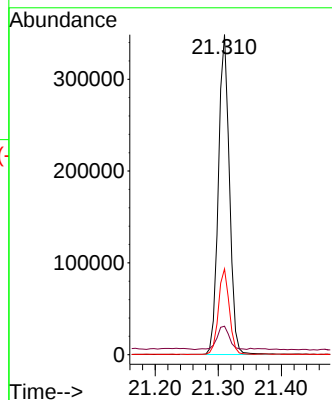
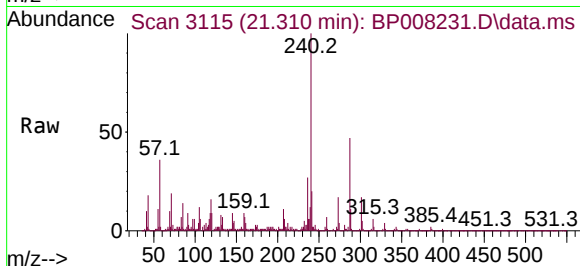




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.310 min Scan# 3116  
Delta R.T. -0.006 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

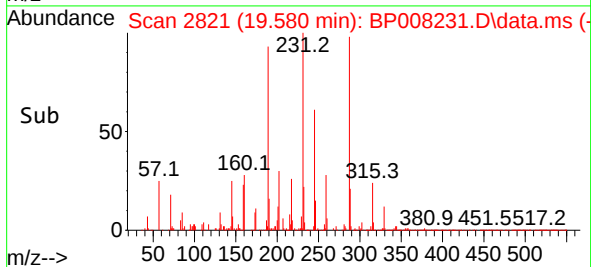
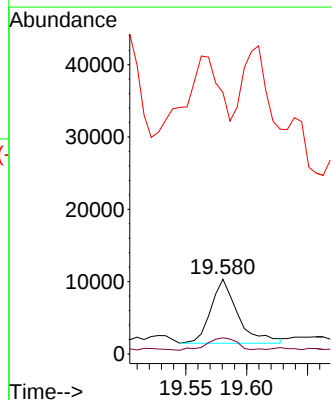
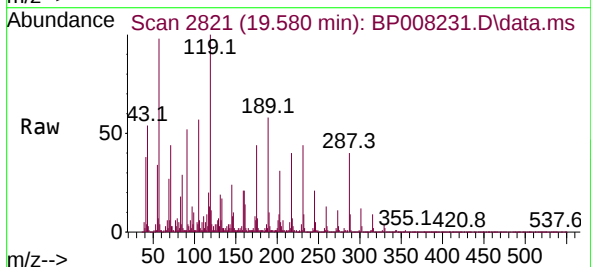
Instrument :  
BNA\_P  
ClientSampleId :

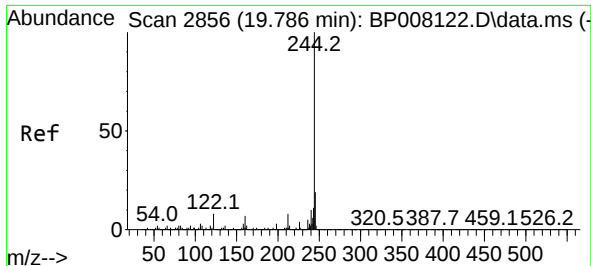
Tgt Ion:240 Resp: 421359  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.3 10.9  
236 26.8 21.4 32.2



#78  
Pyrene  
Concen: Below Cal  
RT: 19.580 min Scan# 2821  
Delta R.T. -0.006 min  
Lab File: BP008231.D  
Acq: 06 Dec 2021 16:28

Tgt Ion:202 Resp: 13701  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.1 25.7  
203 350.2 14.2 21.2#

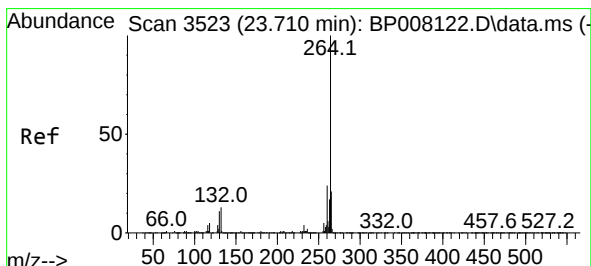
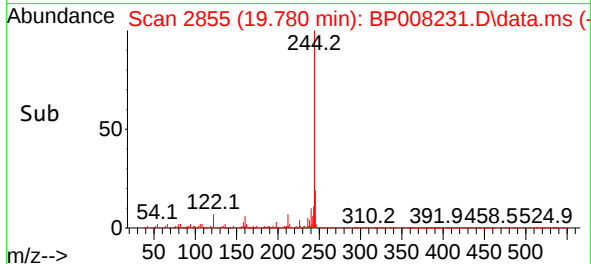
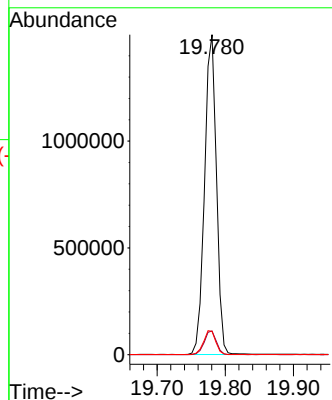
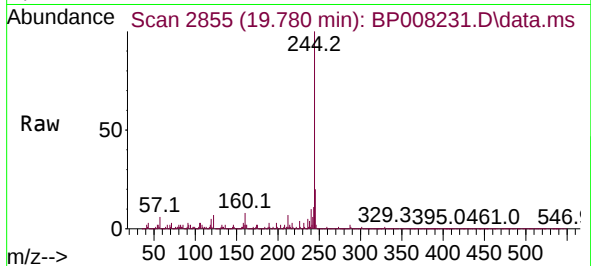




#79  
 Terphenyl-d14  
 Concen: 89.943 ng  
 RT: 19.780 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BP008231.D  
 Acq: 06 Dec 2021 16:28

Instrument :  
 BNA\_P  
 ClientSampleId :

Tgt Ion:244 Resp: 1813378  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.0 9.0  
 122 7.3 6.6 9.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.704 min Scan# 3522  
 Delta R.T. -0.012 min  
 Lab File: BP008231.D  
 Acq: 06 Dec 2021 16:28

Tgt Ion:264 Resp: 476612  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 19.4 29.2  
 265 22.7 17.6 26.4

