

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120821\  
 Data File : BP008289.D  
 Acq On : 08 Dec 2021 20:58  
 Operator : CG/JU  
 Sample : M4959-16  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-5D

Quant Time: Dec 09 01:48:07 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 09 01:43:36 2021  
 Response via : Initial Calibration

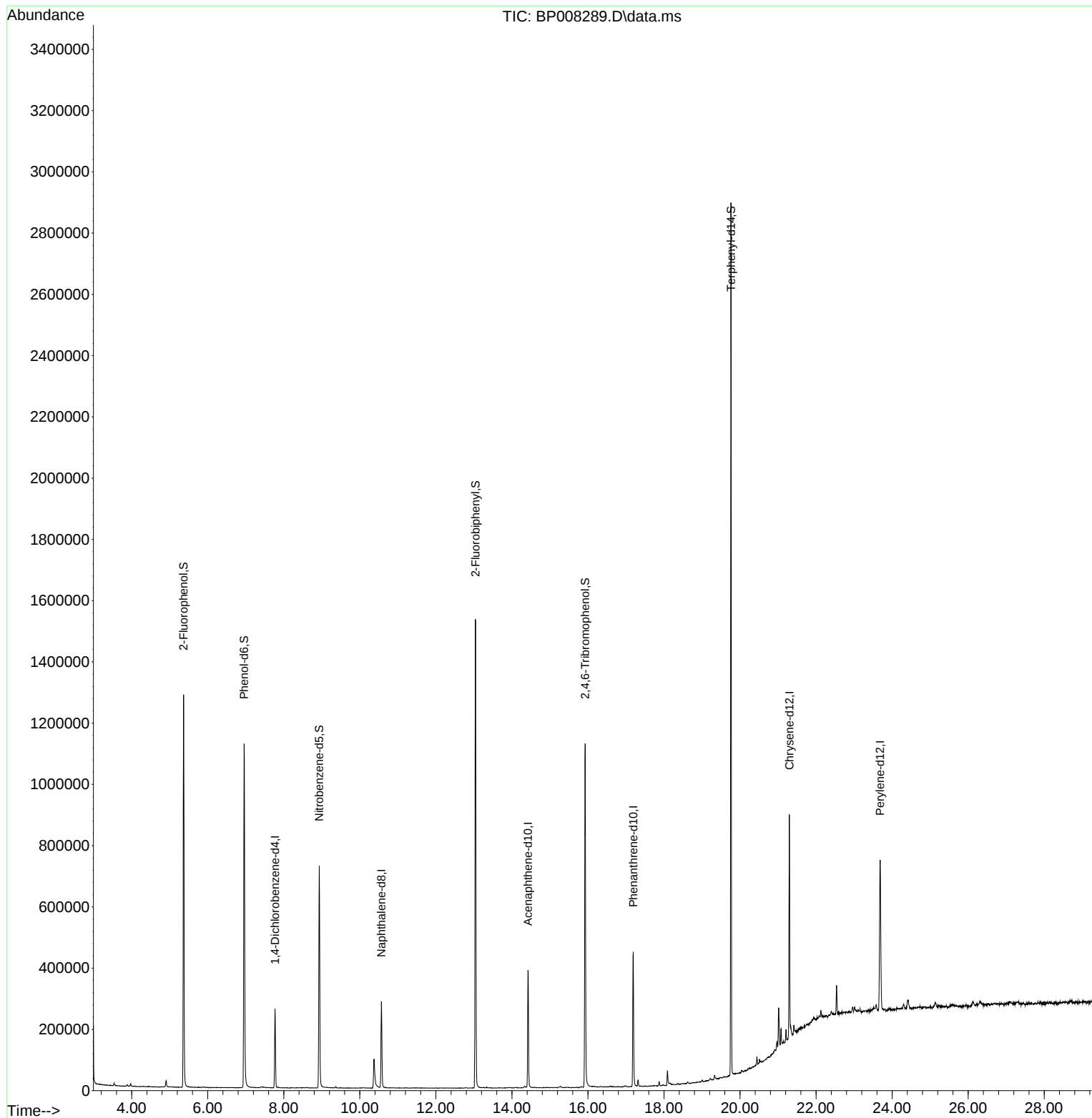
| Compound                    | R.T.   | QIon | Response | Conc      | Units    | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|----------|----------|
| -----                       |        |      |          |           |          |          |
| Internal Standards          |        |      |          |           |          |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.769  | 152  | 62718    | 20.000    | ng       | 0.00     |
| 21) Naphthalene-d8          | 10.569 | 136  | 225675   | 20.000    | ng       | 0.00     |
| 39) Acenaphthene-d10        | 14.422 | 164  | 134204   | 20.000    | ng       | 0.00     |
| 64) Phenanthrene-d10        | 17.192 | 188  | 280519   | 20.000    | ng       | 0.00     |
| 76) Chrysene-d12            | 21.298 | 240  | 342435   | 20.000    | ng       | 0.00     |
| 86) Perylene-d12            | 23.686 | 264  | 399313   | 20.000    | ng       | 0.00     |
| System Monitoring Compounds |        |      |          |           |          |          |
| 5) 2-Fluorophenol           | 5.364  | 112  | 499156   | 128.143   | ng       | 0.00     |
| 7) Phenol-d6                | 6.958  | 99   | 628390   | 119.503   | ng       | 0.00     |
| 23) Nitrobenzene-d5         | 8.934  | 82   | 430951   | 86.836    | ng       | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.928 | 330  | 216767   | 126.369   | ng       | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.045 | 172  | 806572   | 87.298    | ng       | 0.00     |
| 79) Terphenyl-d14           | 19.763 | 244  | 1263350  | 77.104    | ng       | 0.00     |
| Target Compounds            |        |      |          |           |          |          |
| 9) Benzaldehyde             | 6.922  | 77   | 42       | Below Cal | Qvalue # | 69       |
| 78) Pyrene                  | 19.575 | 202  | 1916     | Below Cal |          | 96       |
| -----                       |        |      |          |           |          |          |

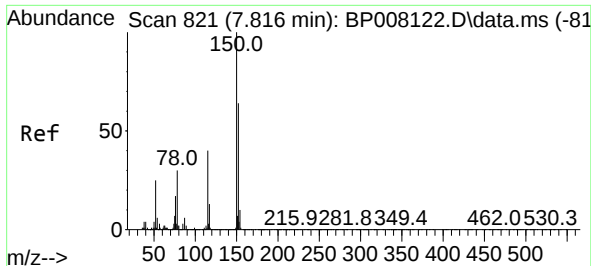
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120821\  
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Sample : M4959-16  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-5D

Quant Time: Dec 09 01:48:07 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 09 01:43:36 2021  
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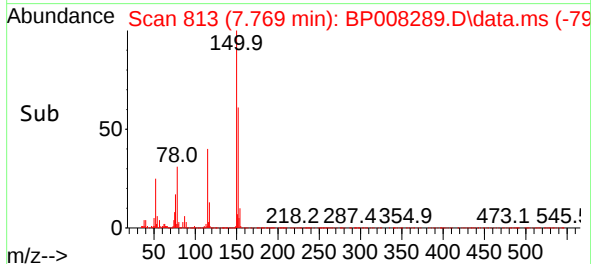
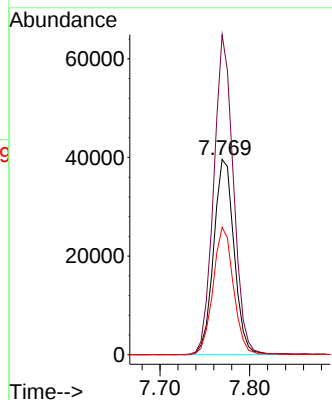
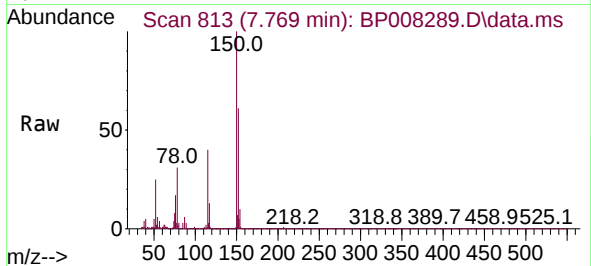




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.769 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

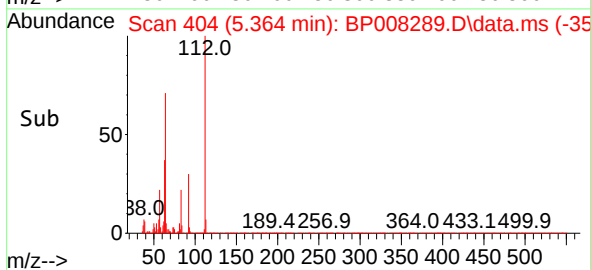
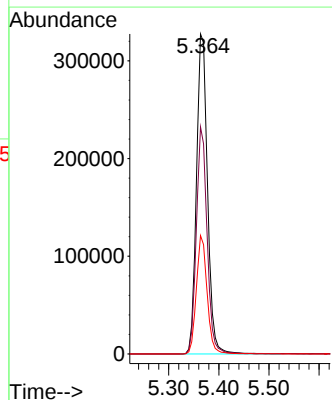
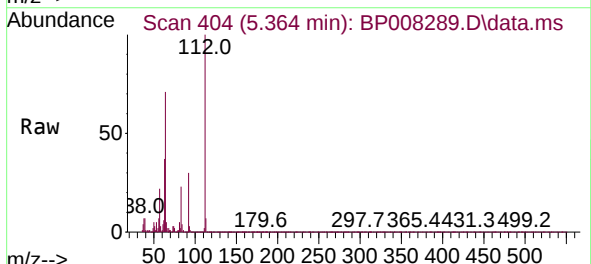
Instrument :  
BNA\_P  
ClientSampleId :  
TP-5D

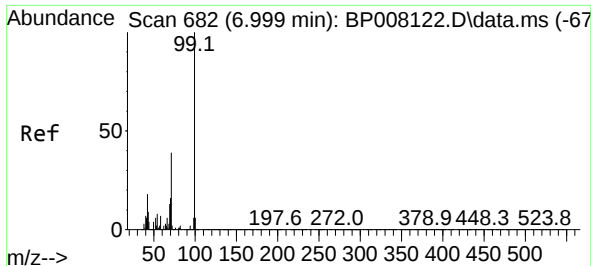
Tgt Ion:152 Resp: 62718  
Ion Ratio Lower Upper  
152 100  
150 163.9 125.7 188.5  
115 65.3 50.7 76.1



#5  
2-Fluorophenol  
Concen: 128.143 ng  
RT: 5.364 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

Tgt Ion:112 Resp: 499156  
Ion Ratio Lower Upper  
112 100  
64 71.0 53.4 80.2  
63 37.0 27.8 41.8

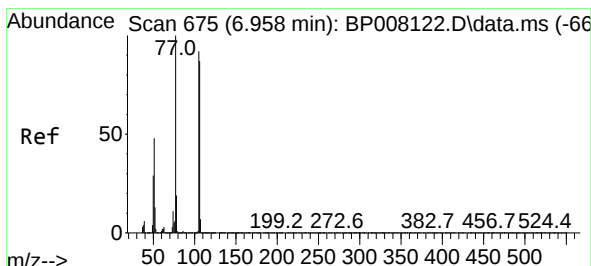
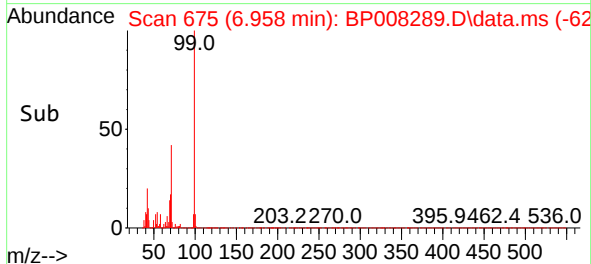
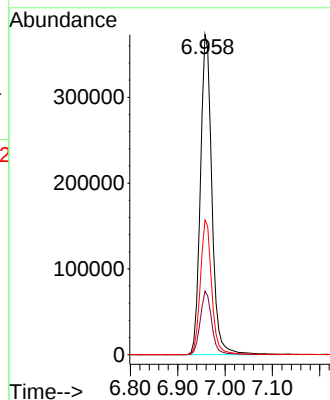
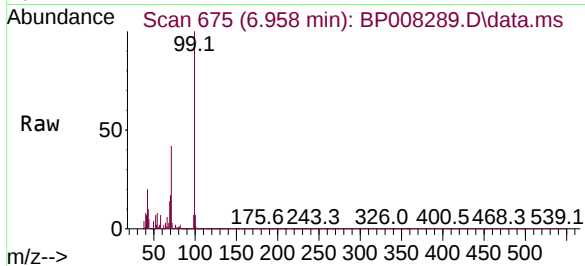




#7  
Phenol-d6  
Concen: 119.503 ng  
RT: 6.958 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

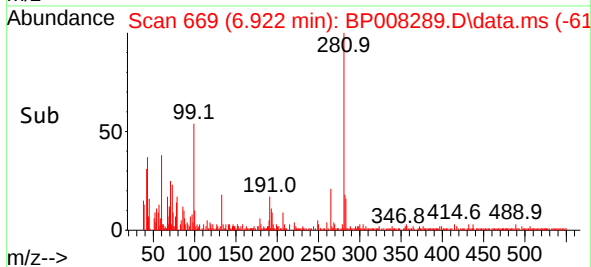
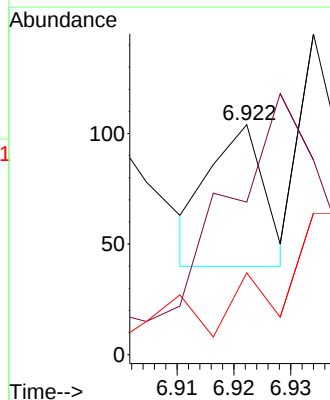
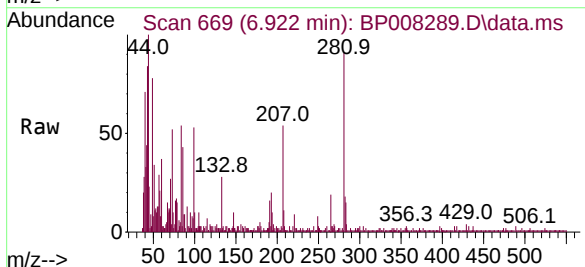
Instrument :  
BNA\_P  
ClientSampleId :  
TP-5D

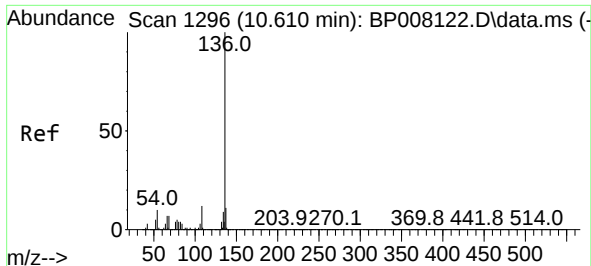
Tgt Ion: 99 Resp: 628390  
Ion Ratio Lower Upper  
99 100  
42 19.9 14.6 22.0  
71 42.0 31.1 46.7



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.922 min Scan# 669  
Delta R.T. 0.006 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

Tgt Ion: 77 Resp: 42  
Ion Ratio Lower Upper  
77 100  
105 85.6 71.8 111.8  
106 35.6 67.3 107.3#

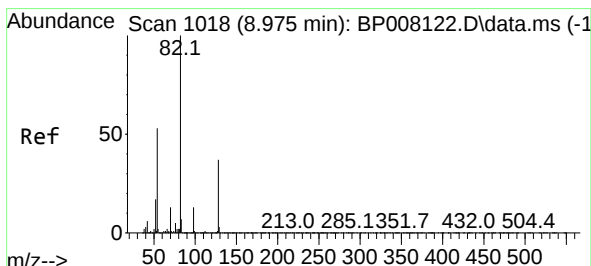
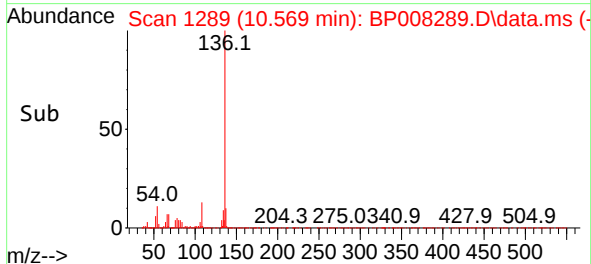
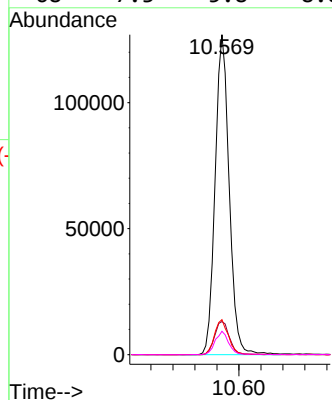
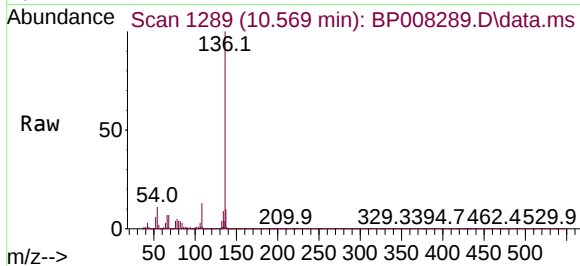




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.569 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

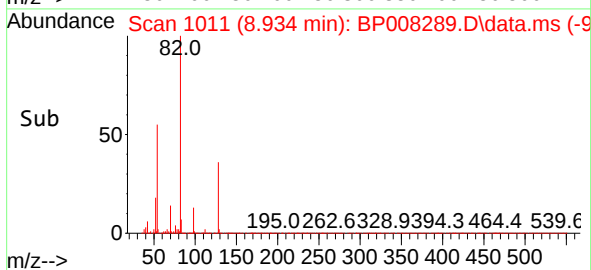
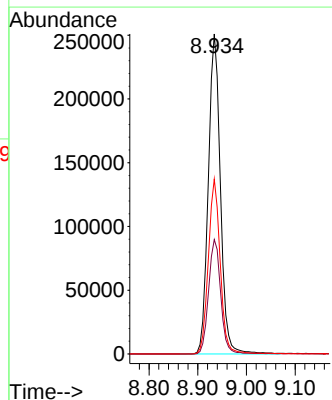
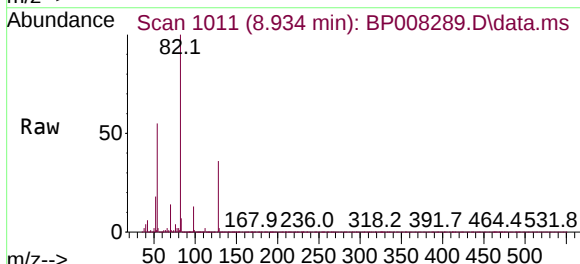
Instrument :  
BNA\_P  
ClientSampleId :  
TP-5D

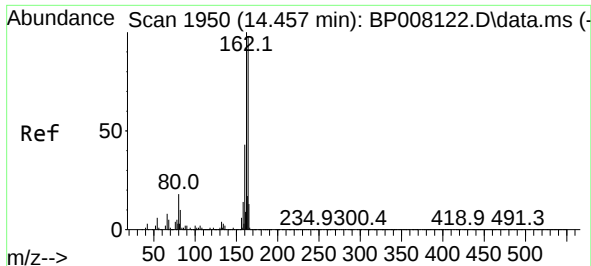
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 225675 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.4  | 9.0   | 13.6   |
| 54       | 10.9  | 8.2   | 12.4   |
| 68       | 7.3   | 5.8   | 8.8    |



#23  
Nitrobenzene-d5  
Concen: 86.836 ng  
RT: 8.934 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 430951 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 35.7  | 29.6  | 44.4   |
| 54       | 54.6  | 42.7  | 64.1   |

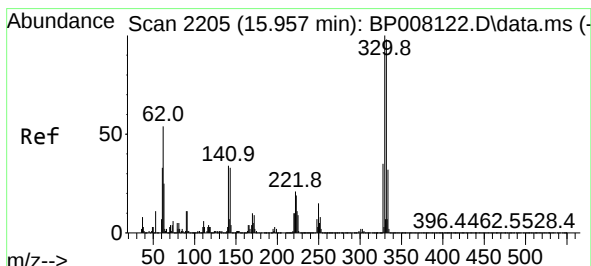
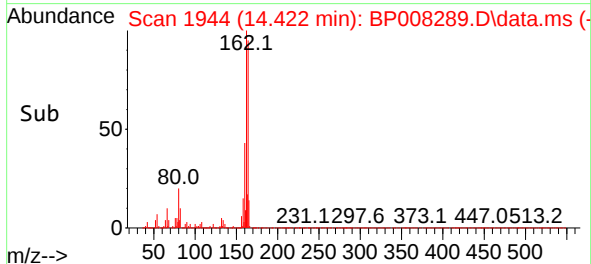
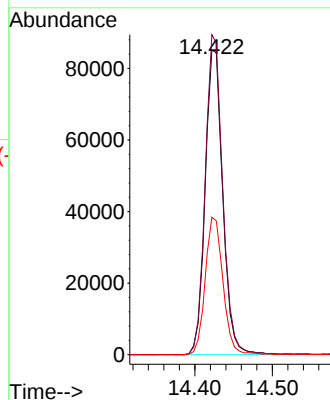
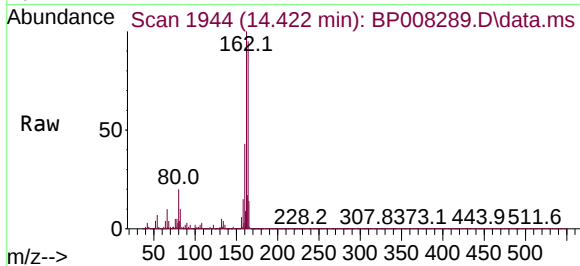




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.422 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

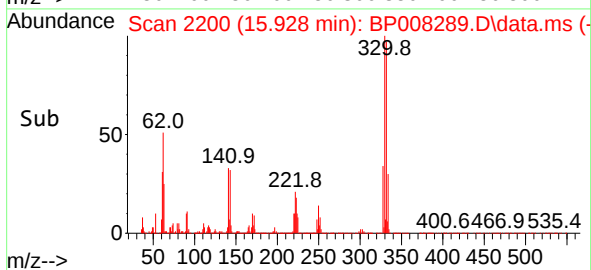
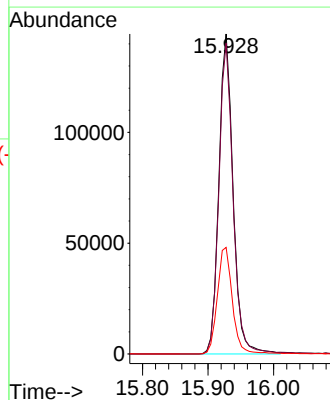
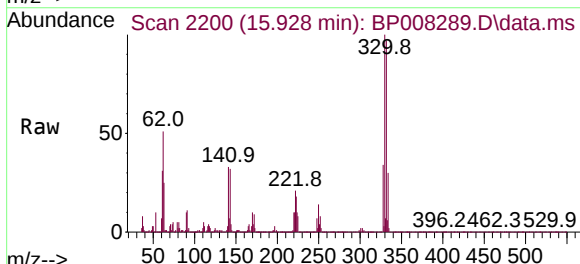
Instrument :  
BNA\_P  
ClientSampleId :  
TP-5D

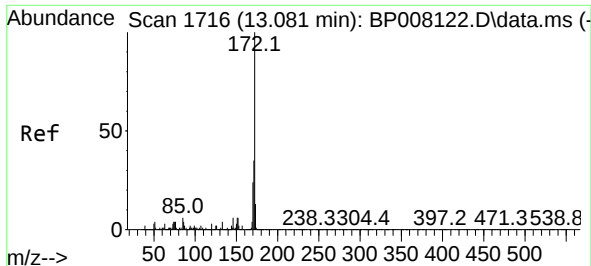
Tgt Ion:164 Resp: 134204  
Ion Ratio Lower Upper  
164 100  
162 105.0 81.9 122.9  
160 45.1 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 126.369 ng  
RT: 15.928 min Scan# 2200  
Delta R.T. 0.000 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

Tgt Ion:330 Resp: 216767  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.0 115.4  
141 35.2 28.4 42.6

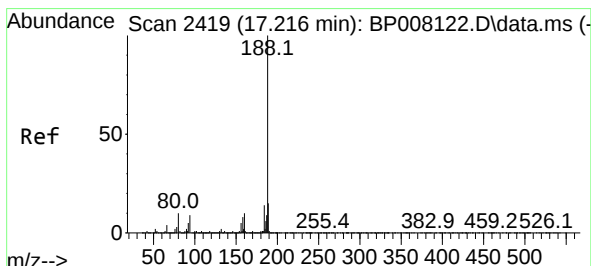
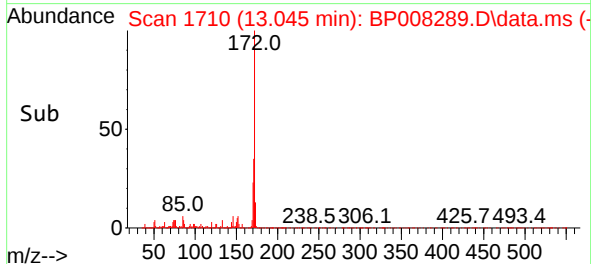
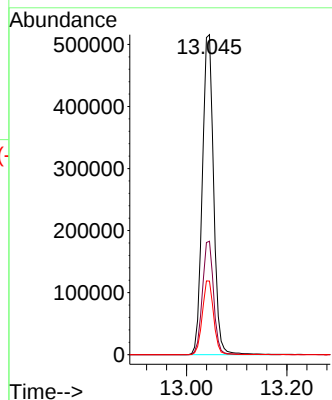
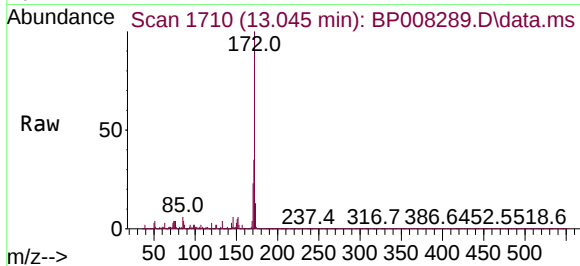




#45  
2-Fluorobiphenyl  
Concen: 87.298 ng  
RT: 13.045 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

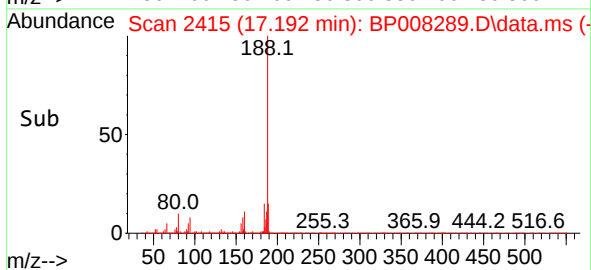
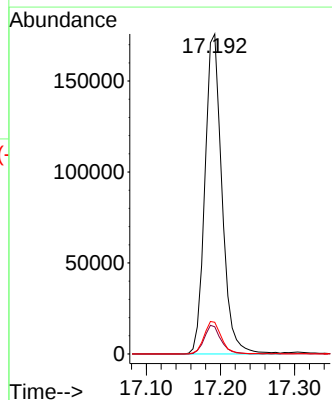
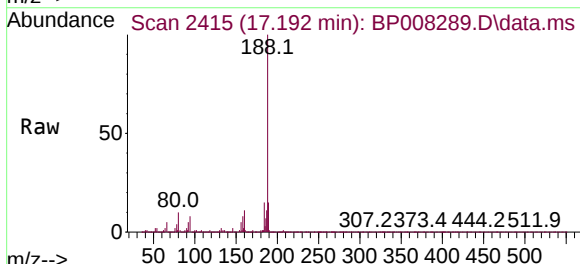
Instrument :  
BNA\_P  
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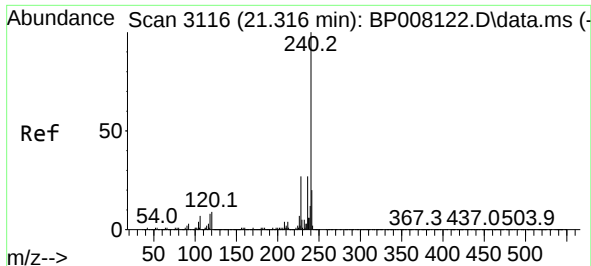
Tgt Ion:172 Resp: 806572  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.0 42.0  
170 23.0 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.192 min Scan# 2415  
Delta R.T. 0.000 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

Tgt Ion:188 Resp: 280519  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.2 10.8  
80 9.9 8.2 12.4

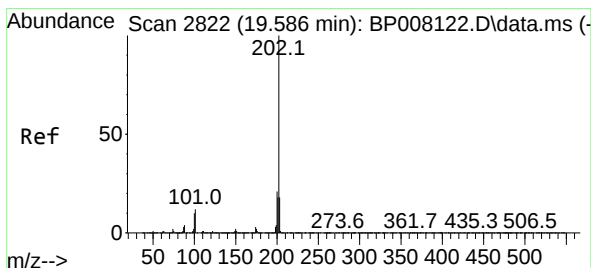
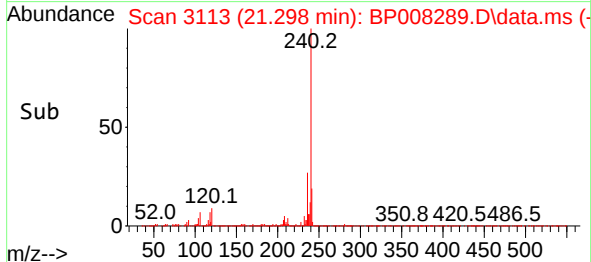
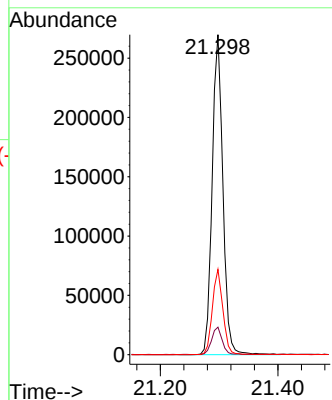
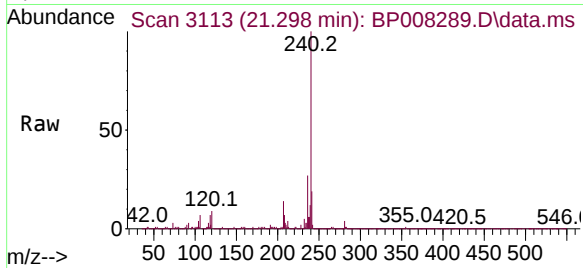




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.298 min Scan# 3116  
Delta R.T. 0.000 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

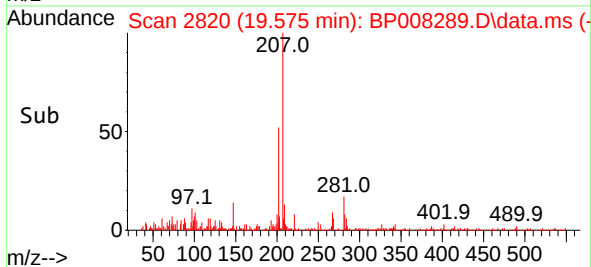
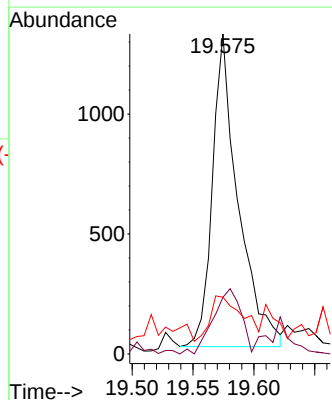
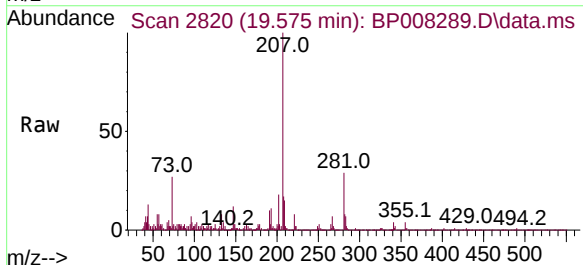
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BNA\_P  
ClientSampleId :  
TP-5D

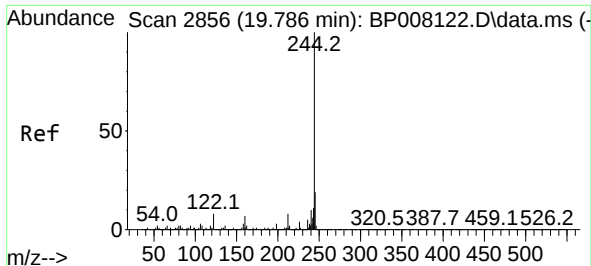
Tgt Ion:240 Resp: 342435  
Ion Ratio Lower Upper  
240 100  
120 8.6 7.3 10.9  
236 26.6 21.4 32.2



#78  
Pyrene  
Concen: Below Cal  
RT: 19.575 min Scan# 2820  
Delta R.T. 0.006 min  
Lab File: BP008289.D  
Acq: 08 Dec 2021 20:58

Tgt Ion:202 Resp: 1916  
Ion Ratio Lower Upper  
202 100  
200 17.7 17.1 25.7  
203 17.8 14.2 21.2

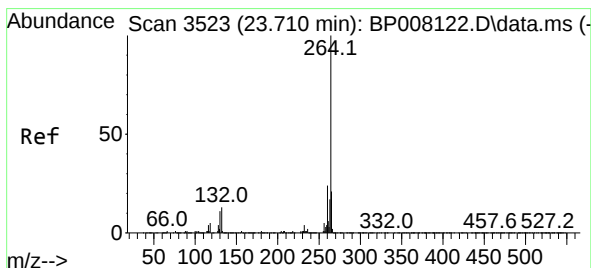
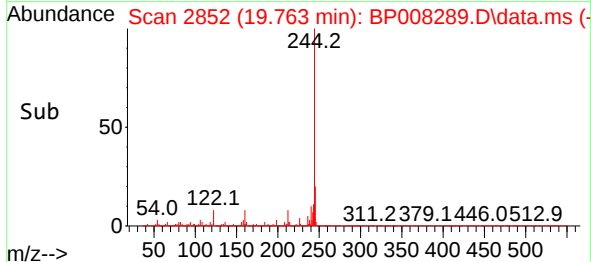
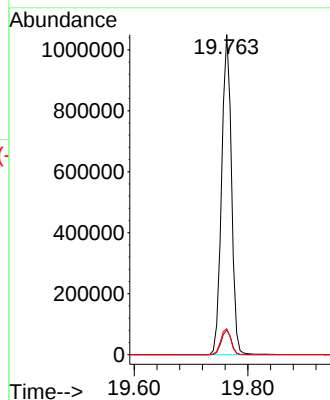
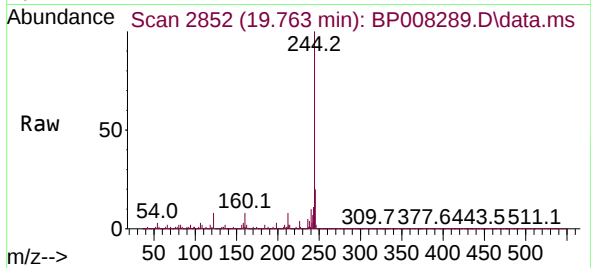




#79  
 Terphenyl-d14  
 Concen: 77.104 ng  
 RT: 19.763 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP008289.D  
 Acq: 08 Dec 2021 20:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-5D

Tgt Ion:244 Resp: 1263350  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.0 9.0  
 122 8.1 6.6 9.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.686 min Scan# 3519  
 Delta R.T. 0.000 min  
 Lab File: BP008289.D  
 Acq: 08 Dec 2021 20:58

Tgt Ion:264 Resp: 399313  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.4 29.2  
 265 21.9 17.6 26.4

