

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062121\  
 Data File : BP006002.D  
 Acq On : 21 Jun 2021 19:42  
 Operator : CG/JU  
 Sample : M2748-09  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-8-AOC-2

Quant Time: Jun 22 00:54:16 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 16 11:35:30 2021  
 Response via : Initial Calibration

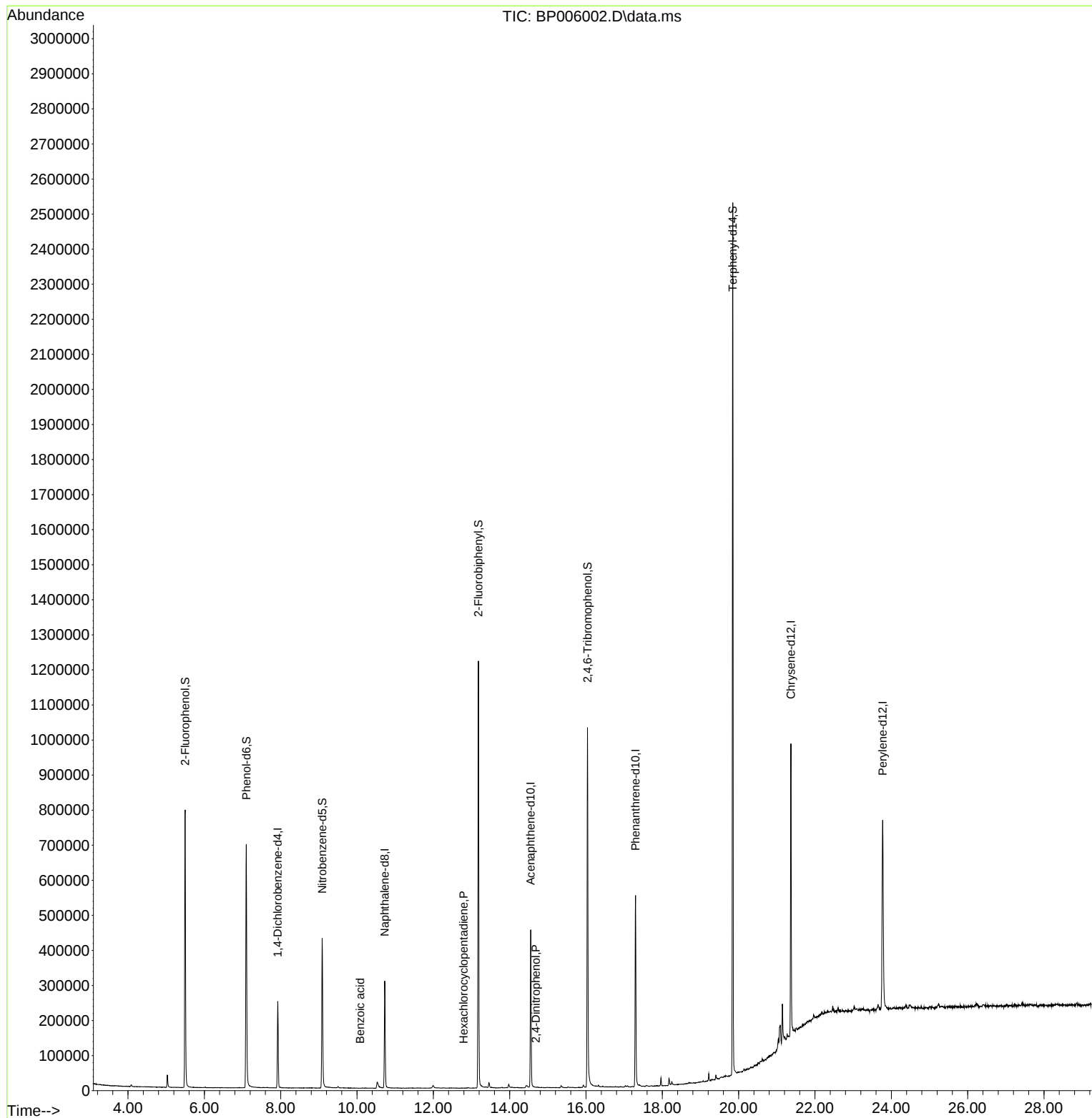
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 70307    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.728 | 136  | 261865   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.551 | 164  | 160450   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.298 | 188  | 346240   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.368 | 240  | 420709   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12              | 23.774 | 264  | 466845   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 372224   | 84.95 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.099  | 99   | 427244   | 75.23 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.087  | 82   | 262425   | 49.13 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.039 | 330  | 227303   | 82.55 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.181 | 172  | 632058   | 51.73 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.845 | 244  | 1197341  | 53.29 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
| 32) Benzoic acid              | 10.081 | 122  | 25       | 6.33  | ng    | # 17     |
| 41) Hexachlorocyclopentadiene | 12.792 | 237  | 5        | 5.51  | ng    | 76       |
| 54) 2,4-Dinitrophenol         | 14.686 | 184  | 12       | 4.86  | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

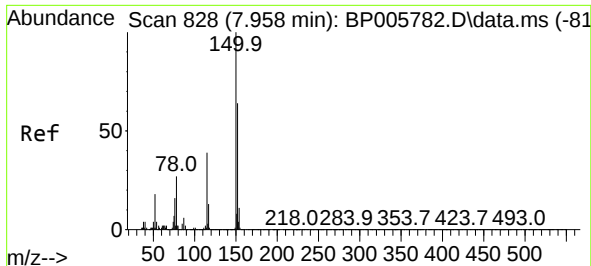
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062121\  
Data File : BP006002.D  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SB-8-AOC-2

Quant Time: Jun 22 00:54:16 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 16 11:35:30 2021  
Response via : Initial Calibration

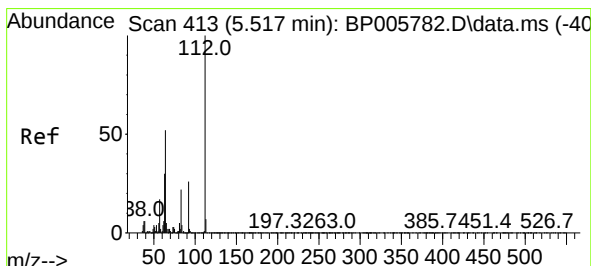
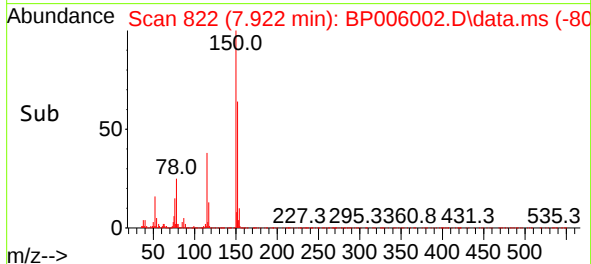
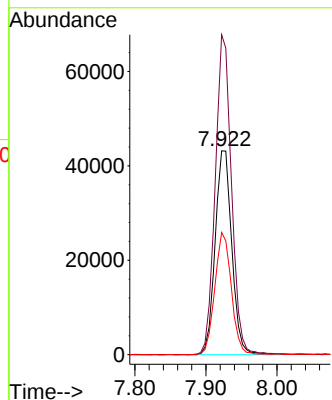
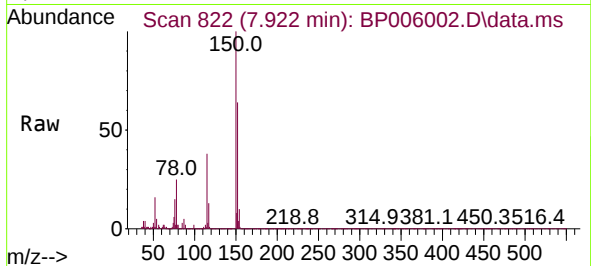




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.922 min Scan# 822  
Delta R.T. -0.006 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

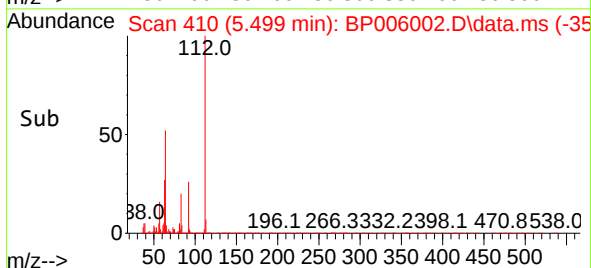
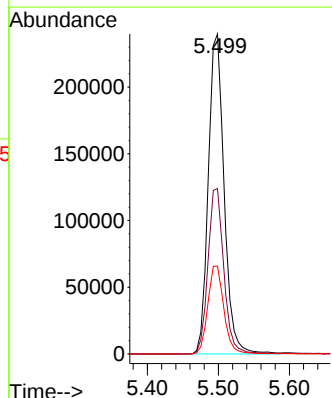
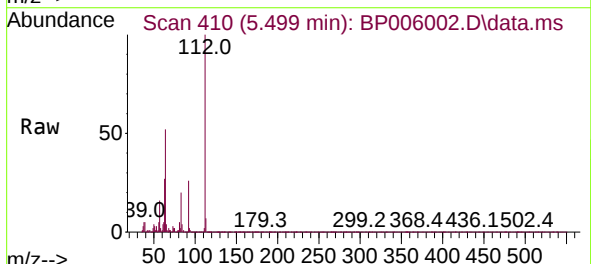
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BNA\_P  
ClientSampleId :  
SB-8-AOC-2

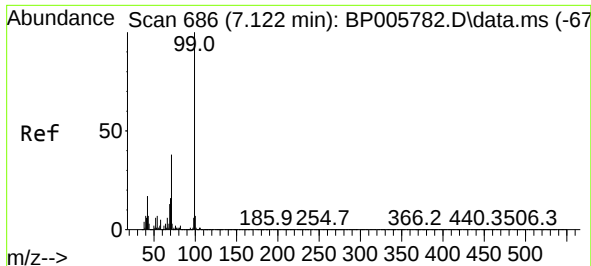
Tgt Ion:152 Resp: 70307  
Ion Ratio Lower Upper  
152 100  
150 157.0 125.6 188.4  
115 60.0 48.5 72.7



#5  
2-Fluorophenol  
Concen: 84.95 ng  
RT: 5.499 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

Tgt Ion:112 Resp: 372224  
Ion Ratio Lower Upper  
112 100  
64 51.7 41.4 62.2  
63 27.4 23.8 35.8

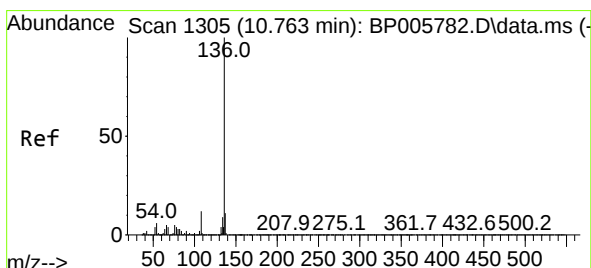
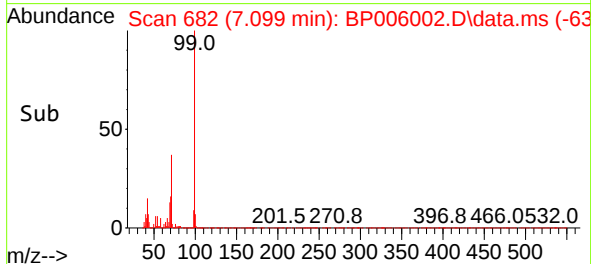
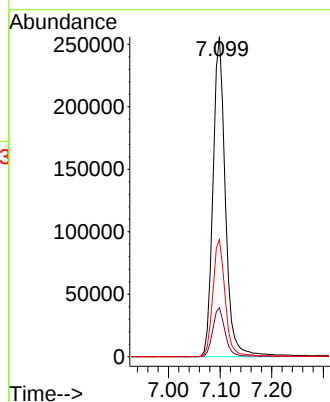
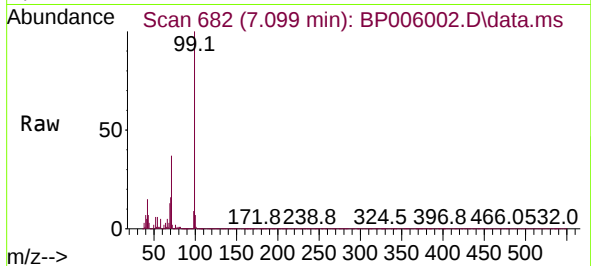




#7  
Phenol-d6  
Concen: 75.23 ng  
RT: 7.099 min Scan# 682  
Delta R.T. -0.006 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

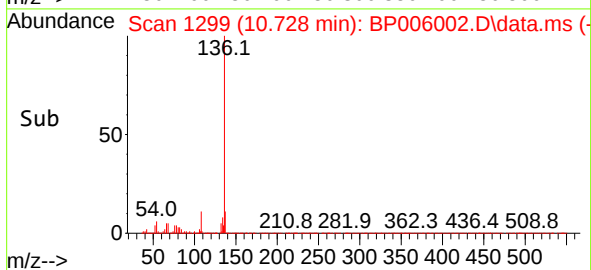
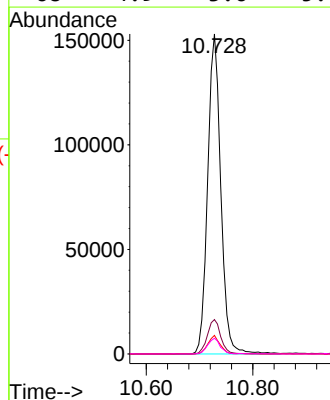
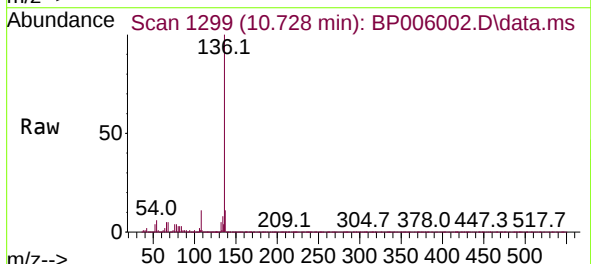
Instrument :  
BNA\_P  
ClientSampleId :  
SB-8-AOC-2

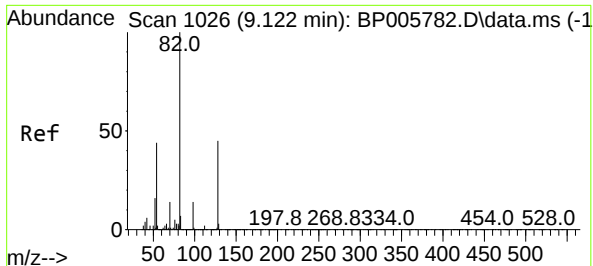
|             |              |
|-------------|--------------|
| Tgt Ion: 99 | Resp: 427244 |
| Ion Ratio   | Lower Upper  |
| 99 100      |              |
| 42 15.3     | 13.4 20.0    |
| 71 36.6     | 30.6 46.0    |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.728 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

|              |              |
|--------------|--------------|
| Tgt Ion: 136 | Resp: 261865 |
| Ion Ratio    | Lower Upper  |
| 136 100      |              |
| 137 10.8     | 8.6 12.8     |
| 54 5.8       | 4.6 6.8      |
| 68 4.9       | 3.6 5.4      |

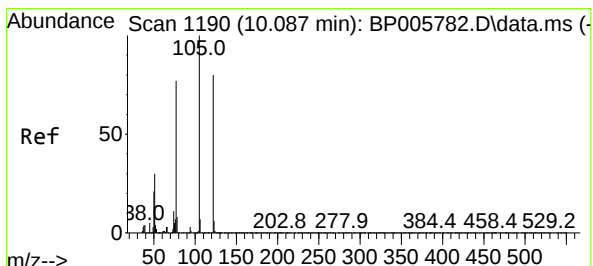
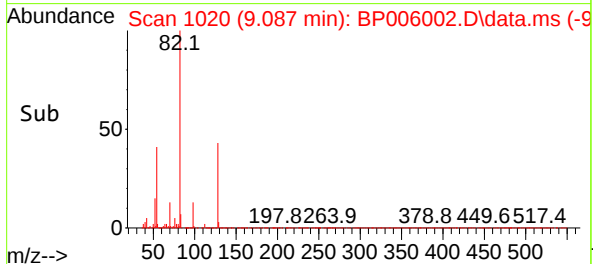
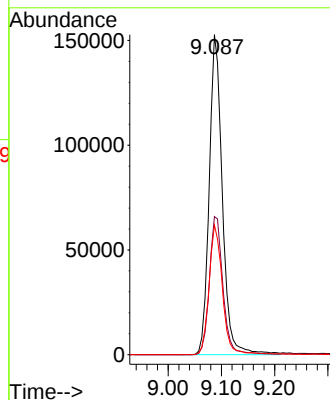
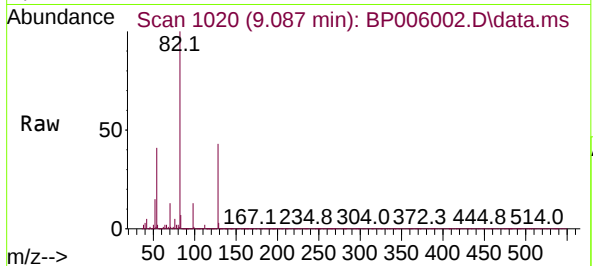




#23  
Nitrobenzene-d5  
Concen: 49.13 ng  
RT: 9.087 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

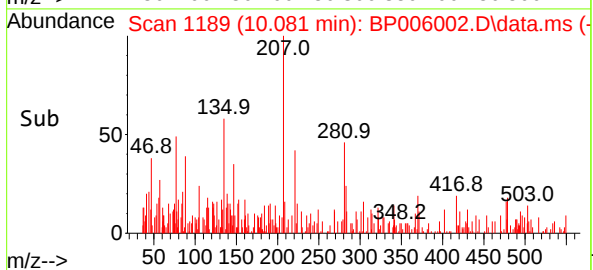
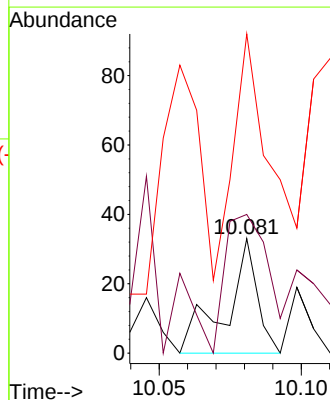
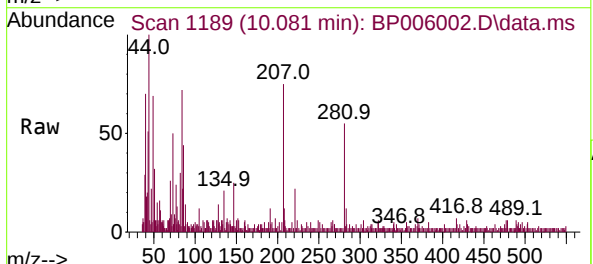
Instrument :  
BNA\_P  
ClientSampleId :  
SB-8-AOC-2

Tgt Ion: 82 Resp: 262425  
Ion Ratio Lower Upper  
82 100  
128 43.2 35.7 53.5  
54 40.5 35.0 52.4



#32  
Benzoic acid  
Concen: 6.33 ng  
RT: 10.081 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

Tgt Ion: 122 Resp: 25  
Ion Ratio Lower Upper  
122 100  
105 121.2 103.2 143.2  
77 278.8 76.2 116.2#

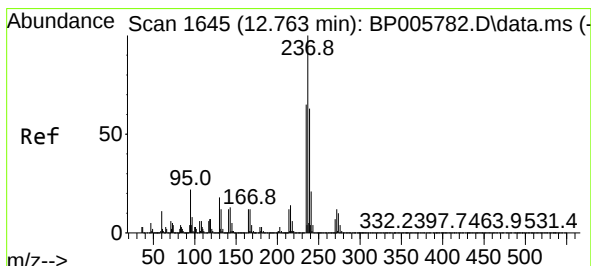
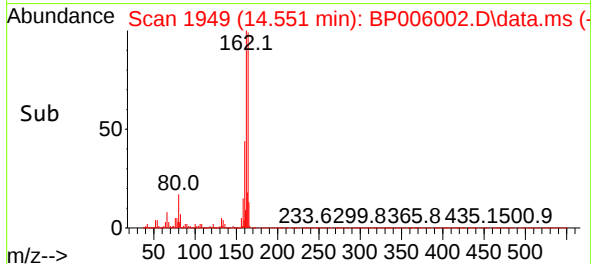
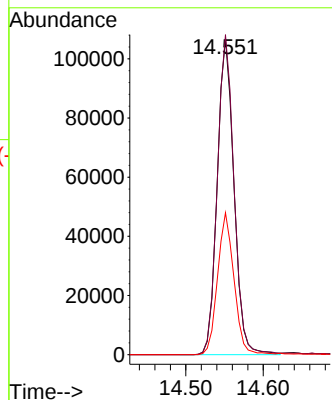
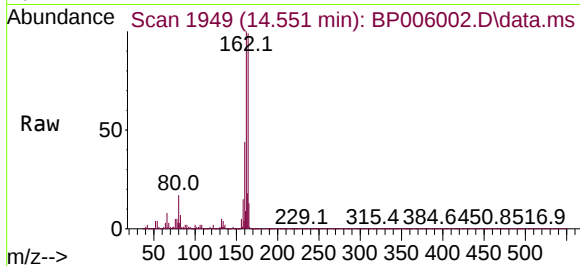




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.551 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

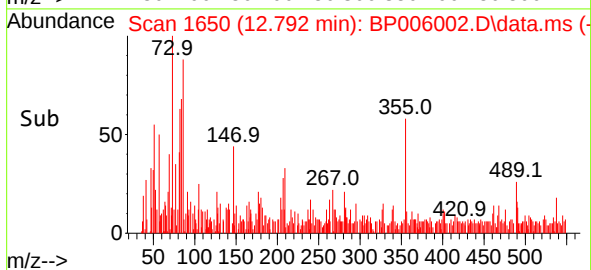
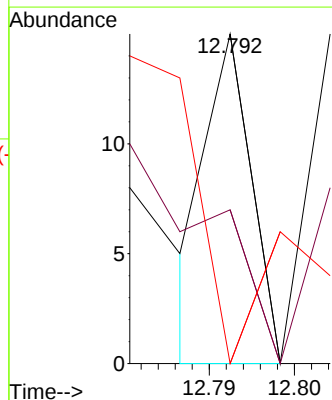
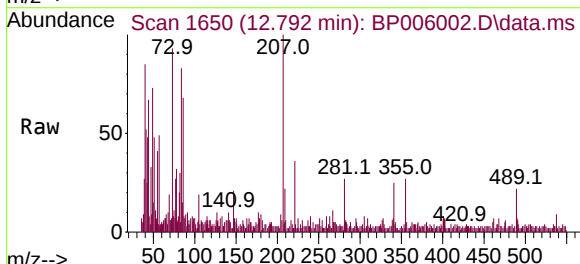
Instrument :  
BNA\_P  
ClientSampleId :  
SB-8-AOC-2

|             |              |       |       |
|-------------|--------------|-------|-------|
| Tgt Ion:164 | Resp: 160450 |       |       |
| Ion Ratio   | Lower        | Upper |       |
| 164         | 100          |       |       |
| 162         | 101.4        | 80.2  | 120.2 |
| 160         | 45.0         | 34.5  | 51.7  |



#41  
Hexachlorocyclopentadiene  
Concen: 5.51 ng  
RT: 12.792 min Scan# 1650  
Delta R.T. 0.059 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

|             |         |           |
|-------------|---------|-----------|
| Tgt Ion:237 | Resp: 5 |           |
| Ion Ratio   | Lower   | Upper     |
| 237         | 100     |           |
| 235         | 46.7    | 44.5 84.5 |
| 272         | 0.0     | 0.0 32.5  |

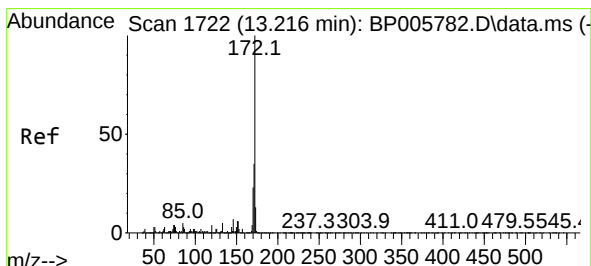
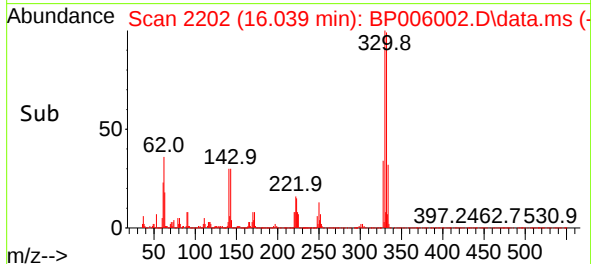
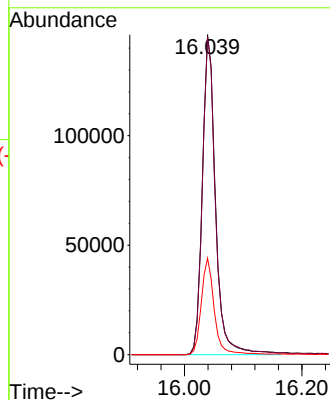
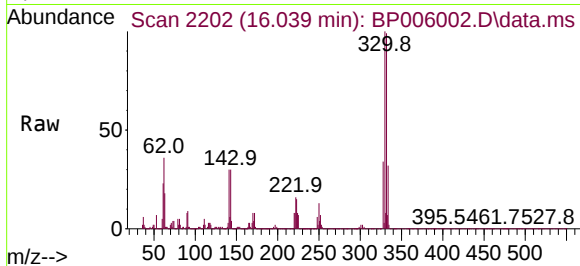




#42  
2,4,6-Tribromophenol  
Concen: 82.55 ng  
RT: 16.039 min Scan# 2202  
Delta R.T. -0.012 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

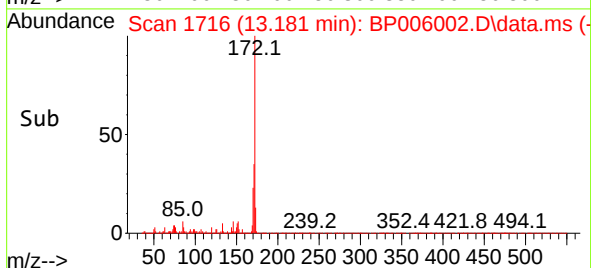
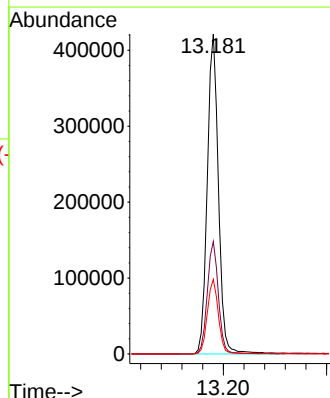
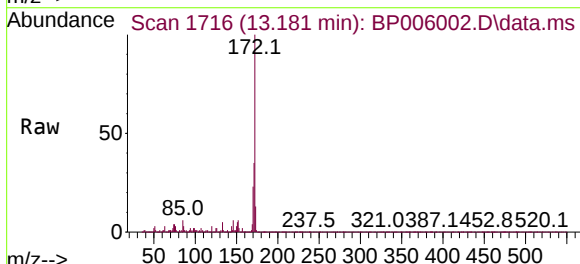
Instrument :  
BNA\_P  
ClientSampleId :  
SB-8-AOC-2

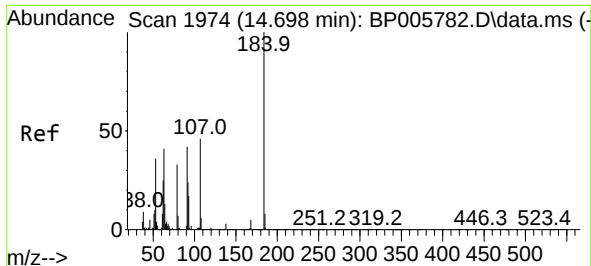
Tgt Ion:330 Resp: 227303  
Ion Ratio Lower Upper  
330 100  
332 99.3 77.8 116.8  
141 29.5 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 51.73 ng  
RT: 13.181 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

Tgt Ion:172 Resp: 632058  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.9 41.9  
170 23.3 18.6 27.8

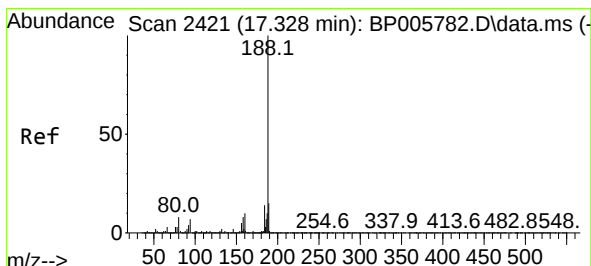
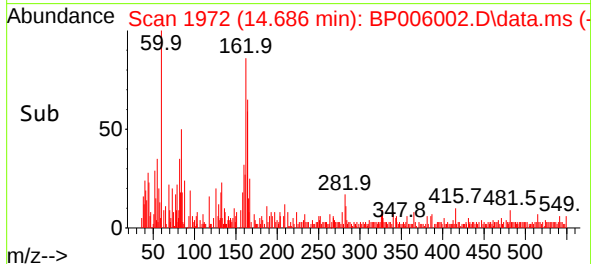
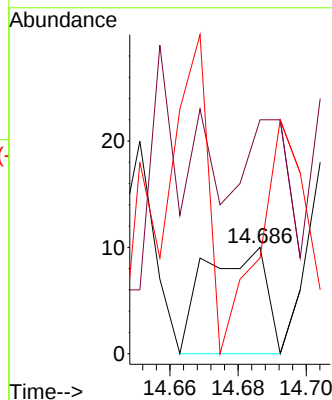
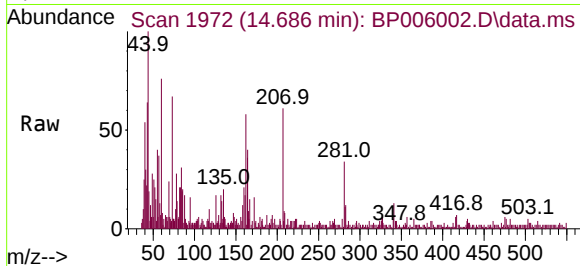




#54  
2,4-Dinitrophenol  
Concen: 4.86 ng  
RT: 14.686 min Scan# 1972  
Delta R.T. 0.006 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

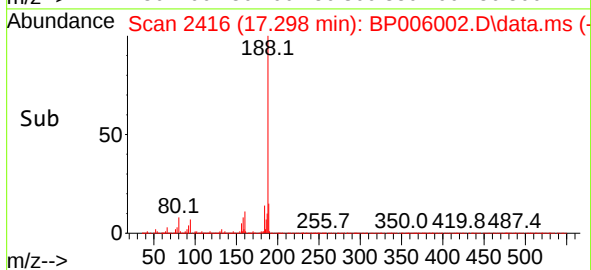
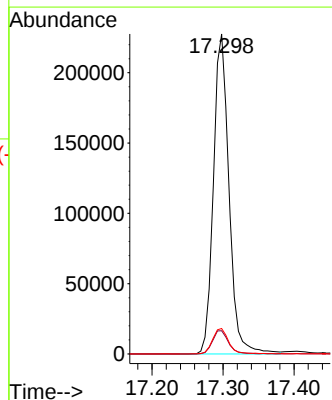
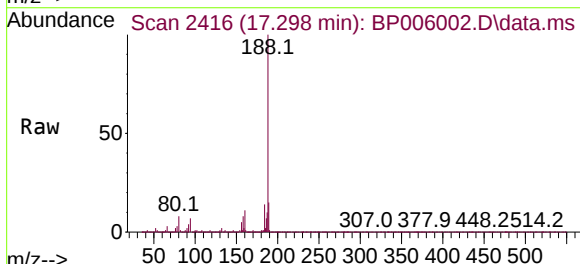
Instrument :  
BNA\_P  
ClientSampleId :  
SB-8-AOC-2

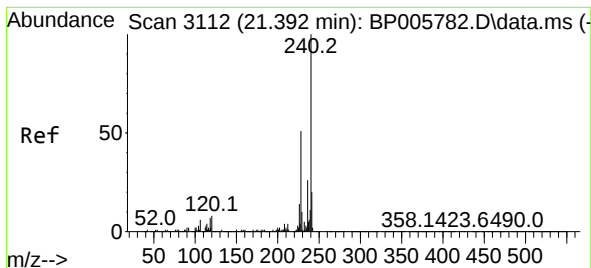
Tgt Ion:184 Resp: 12  
Ion Ratio Lower Upper  
184 100  
63 220.0 47.0 70.6#  
154 90.0 52.3 78.5#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.298 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BP006002.D  
Acq: 21 Jun 2021 19:42

Tgt Ion:188 Resp: 346240  
Ion Ratio Lower Upper  
188 100  
94 7.3 5.6 8.4  
80 7.9 6.3 9.5





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.368 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BP006002.D

Acq: 21 Jun 2021 19:42

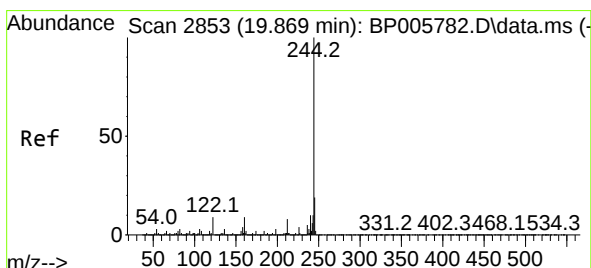
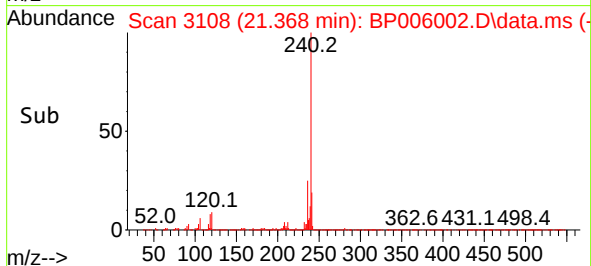
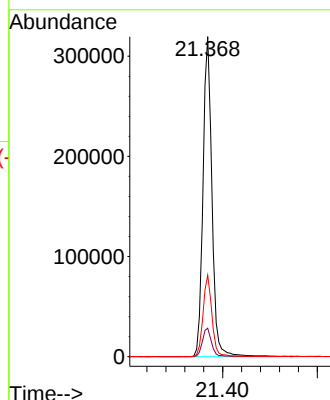
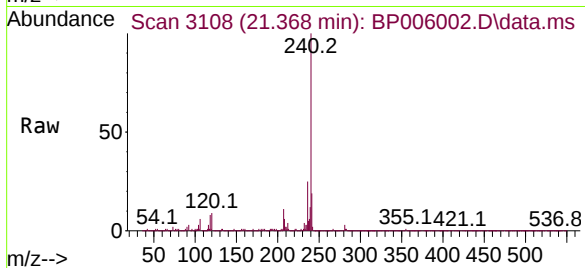
Instrument :

BNA\_P

ClientSampleId :

SB-8-AOC-2

|             |                |
|-------------|----------------|
| Tgt Ion:240 | Resp: 420709   |
| Ion Ratio   | Lower Upper    |
| 240         | 100            |
| 120         | 8.9 6.5 9.7    |
| 236         | 25.5 20.6 31.0 |



#79

Terphenyl-d14

Concen: 53.29 ng

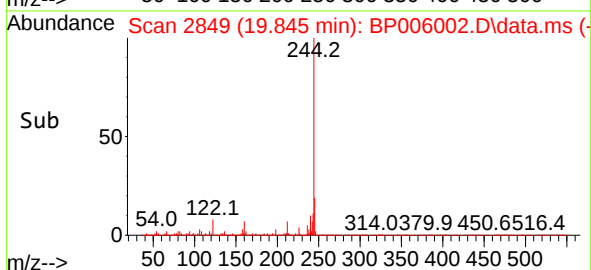
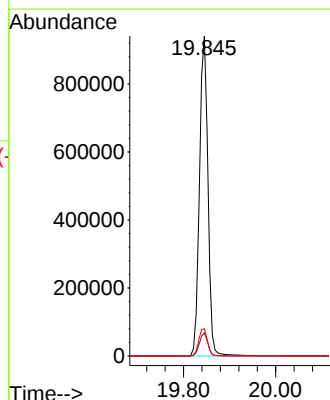
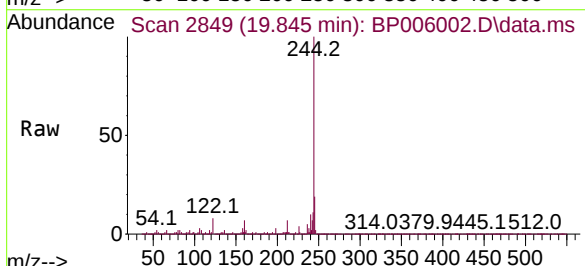
RT: 19.845 min Scan# 2849

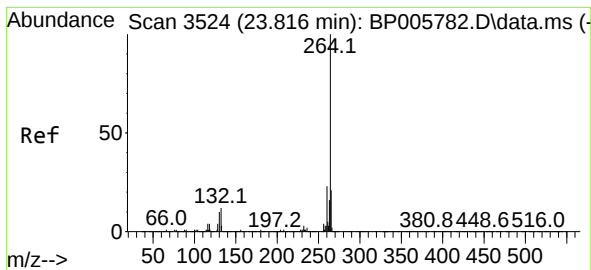
Delta R.T. -0.012 min

Lab File: BP006002.D

Acq: 21 Jun 2021 19:42

|             |               |
|-------------|---------------|
| Tgt Ion:244 | Resp: 1197341 |
| Ion Ratio   | Lower Upper   |
| 244         | 100           |
| 212         | 7.2 6.0 9.0   |
| 122         | 8.5 7.1 10.7  |





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.774 min Scan# 3517  
 Delta R.T. -0.018 min  
 Lab File: BP006002.D  
 Acq: 21 Jun 2021 19:42

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-8-AOC-2

Tgt Ion:264 Resp: 466845  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.6 28.0  
 265 21.5 17.6 26.4

