

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120121\  
 Data File : BP008173.D  
 Acq On : 01 Dec 2021 14:34  
 Operator : CG/JU  
 Sample : M4856-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 332

Quant Time: Dec 01 16:44:09 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 01 12:06:05 2021  
 Response via : Initial Calibration

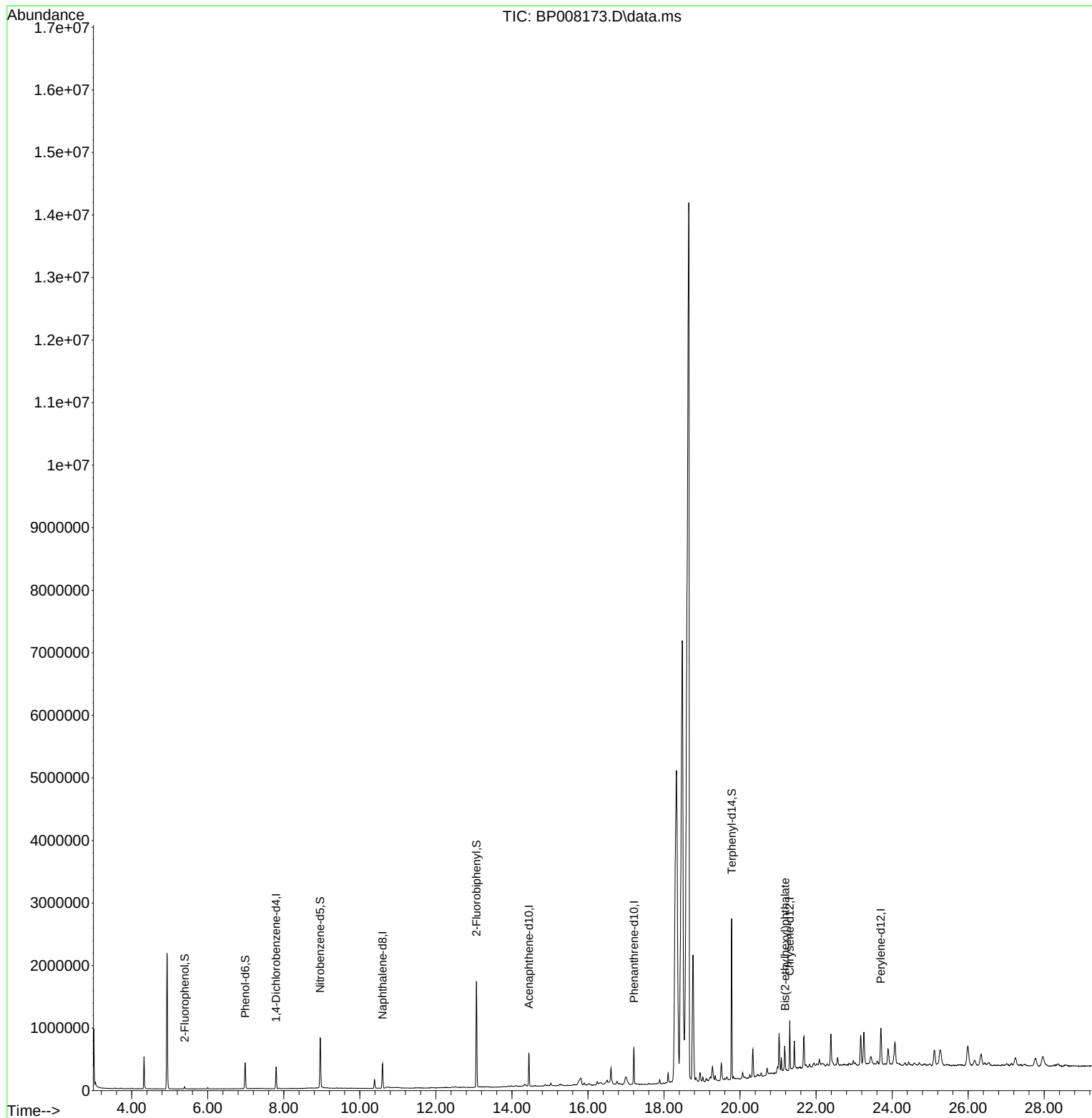
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.799  | 152  | 85933    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.598 | 136  | 295337   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.445 | 164  | 176906   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 344145   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.310 | 240  | 364363   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 23.704 | 264  | 447210   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 13826    | 2.591     | ng    | 0.00     |
| 7) Phenol-d6                  | 6.987  | 99   | 226142   | 31.388    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.957  | 82   | 461979   | 71.131    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 213      | 0.094     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.069 | 172  | 868972   | 71.349    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.780 | 244  | 1163612  | 66.743    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 9) Benzaldehyde               | 6.952  | 77   | 205      | Below Cal | #     | 49       |
| 78) Pyrene                    | 19.580 | 202  | 11219    | Below Cal |       | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.186 | 149  | 35332    | 2.243 ng  | #     | 82       |
| -----                         |        |      |          |           |       |          |

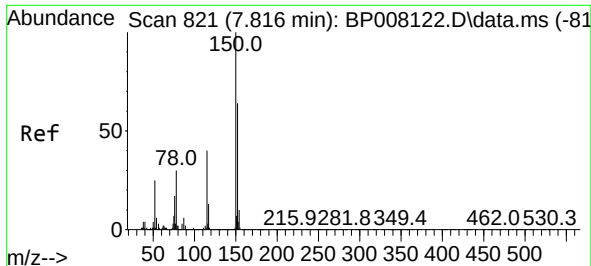
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120121\  
Data File : BP008173.D  
Acq On : 01 Dec 2021 14:34  
Operator : CG/JU  
Sample : M4856-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
332

Quant Time: Dec 01 16:44:09 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 01 12:06:05 2021  
Response via : Initial Calibration

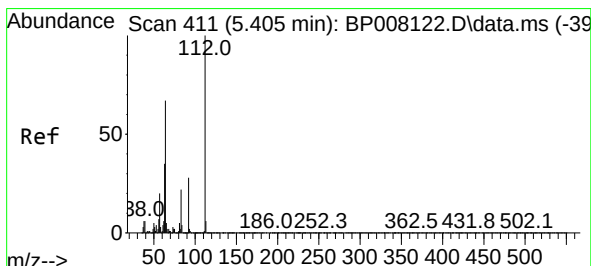
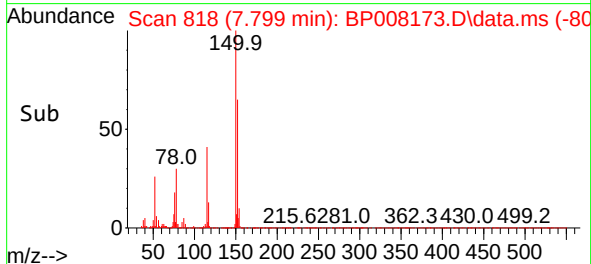
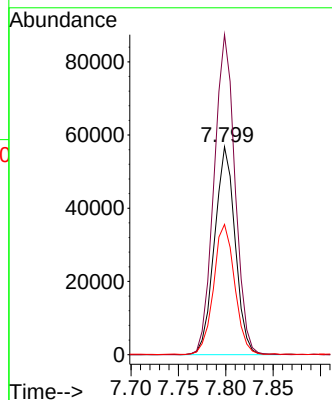
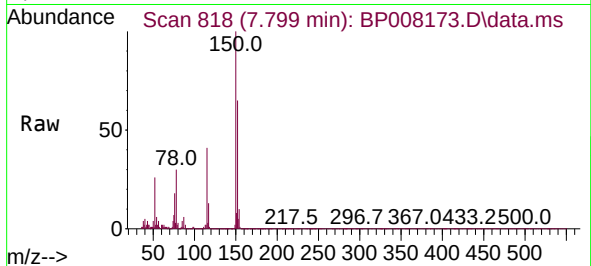




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.799 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP008173.D  
Acq: 01 Dec 2021 14:34

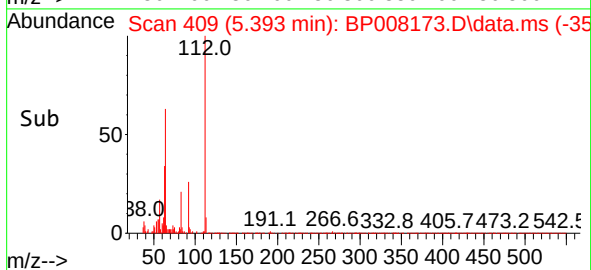
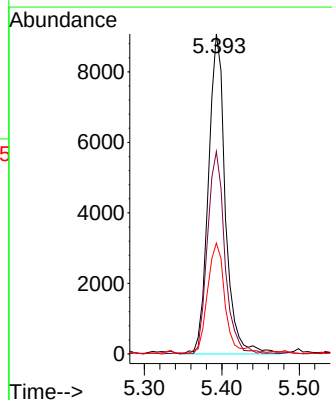
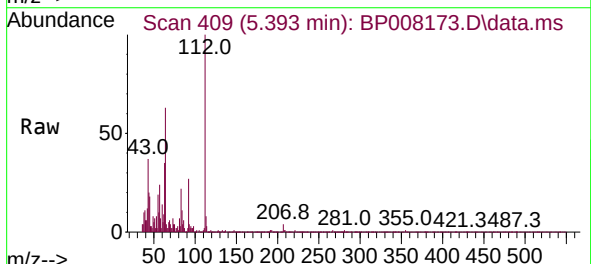
Instrument :  
BNA\_P  
ClientSampleId :  
332

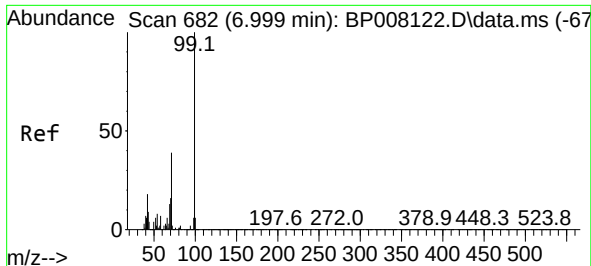
Tgt Ion:152 Resp: 85933  
Ion Ratio Lower Upper  
152 100  
150 154.0 125.7 188.5  
115 62.7 50.7 76.1



#5  
2-Fluorophenol  
Concen: 2.591 ng  
RT: 5.393 min Scan# 409  
Delta R.T. 0.006 min  
Lab File: BP008173.D  
Acq: 01 Dec 2021 14:34

Tgt Ion:112 Resp: 13826  
Ion Ratio Lower Upper  
112 100  
64 63.3 53.4 80.2  
63 34.7 27.8 41.8





#7

Phenol-d6

Concen: 31.388 ng

RT: 6.987 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP008173.D

Acq: 01 Dec 2021 14:34

Instrument :

BNA\_P

ClientSampleId :

332

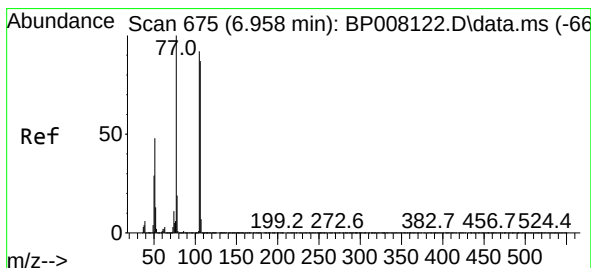
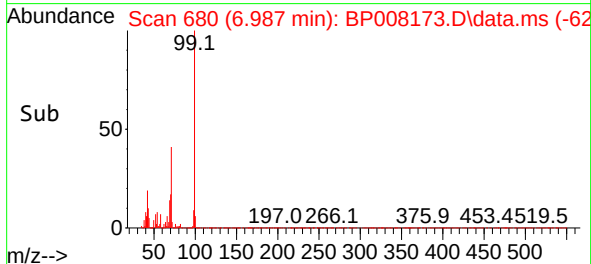
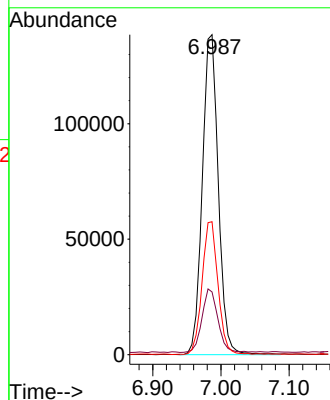
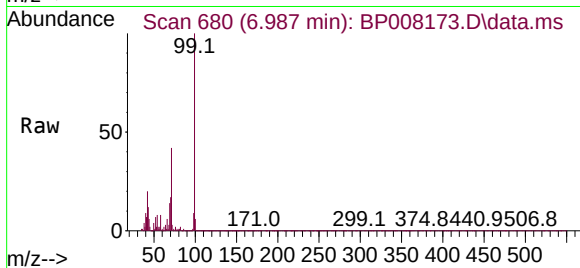
Tgt Ion: 99 Resp: 226142

Ion Ratio Lower Upper

99 100

42 19.6 14.6 22.0

71 41.5 31.1 46.7



#9

Benzaldehyde

Concen: Below Cal

RT: 6.952 min Scan# 674

Delta R.T. 0.012 min

Lab File: BP008173.D

Acq: 01 Dec 2021 14:34

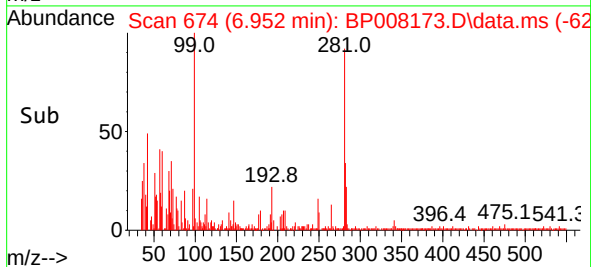
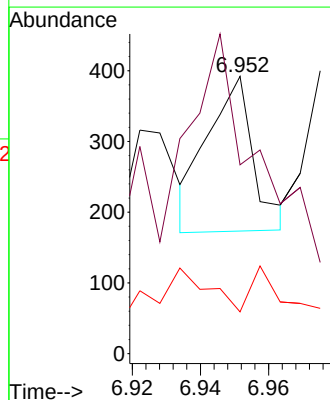
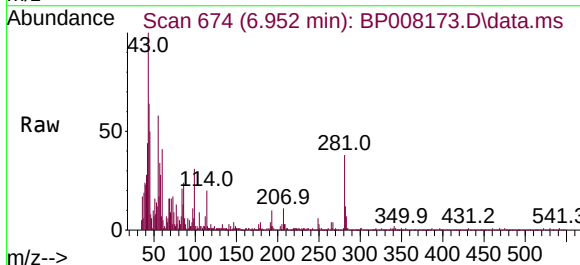
Tgt Ion: 77 Resp: 205

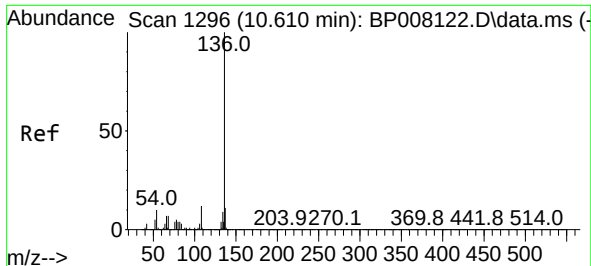
Ion Ratio Lower Upper

77 100

105 68.1 71.8 111.8#

106 15.1 67.3 107.3#

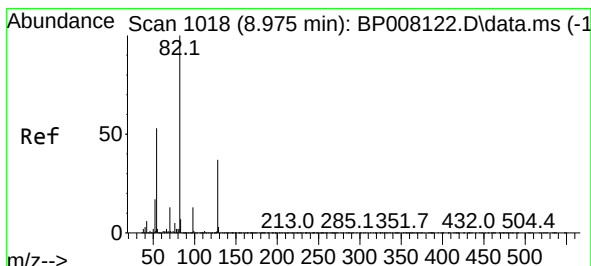
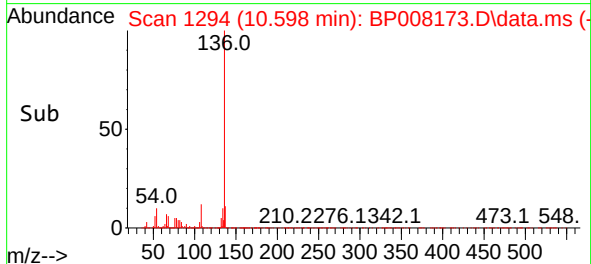
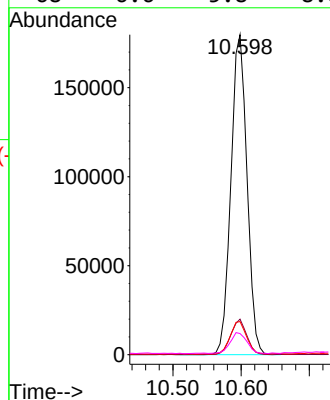
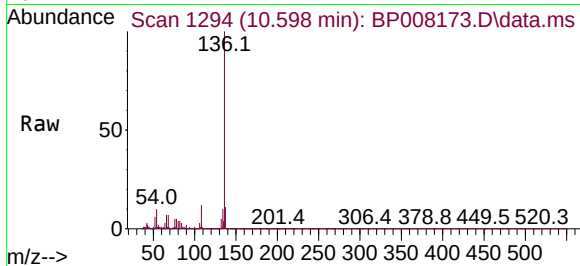




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.598 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP008173.D  
Acq: 01 Dec 2021 14:34

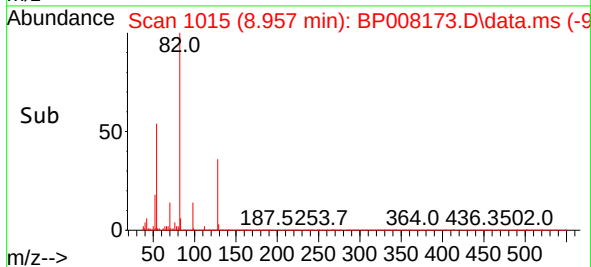
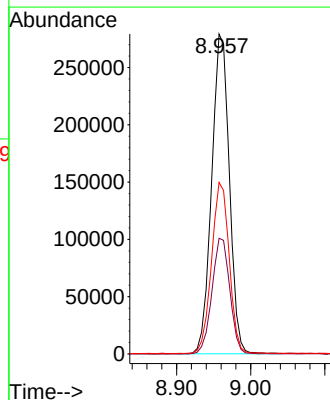
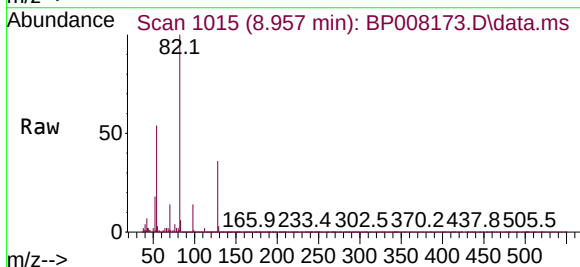
Instrument :  
BNA\_P  
ClientSampleId :  
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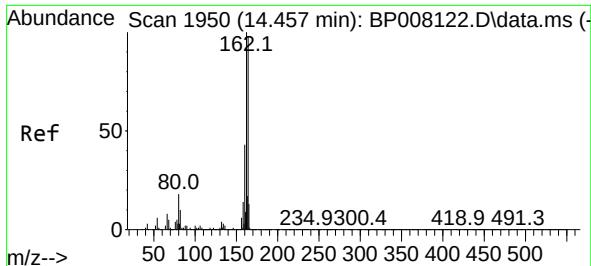
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 295337 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.0   | 13.6   |
| 54       | 10.3  | 8.2   | 12.4   |
| 68       | 6.6   | 5.8   | 8.8    |



#23  
Nitrobenzene-d5  
Concen: 71.131 ng  
RT: 8.957 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BP008173.D  
Acq: 01 Dec 2021 14:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 461979 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 36.1  | 29.6  | 44.4   |
| 54       | 53.6  | 42.7  | 64.1   |

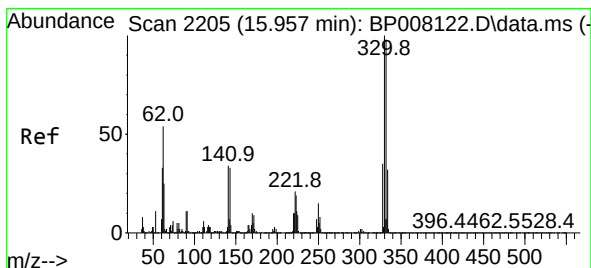
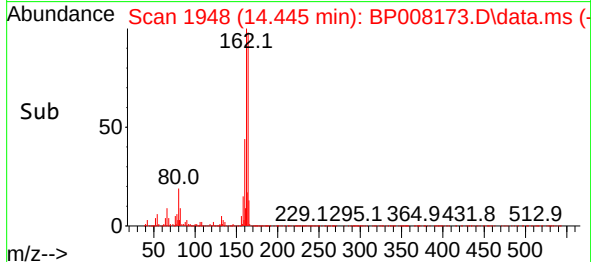
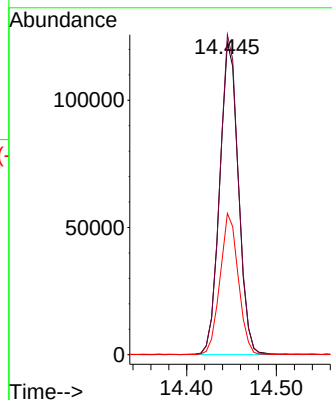
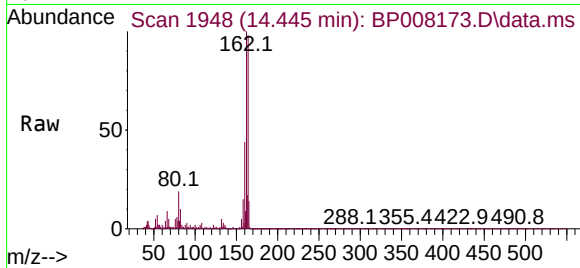




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.445 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: BP008173.D  
Acq: 01 Dec 2021 14:34

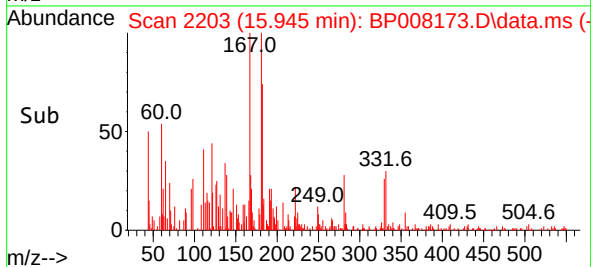
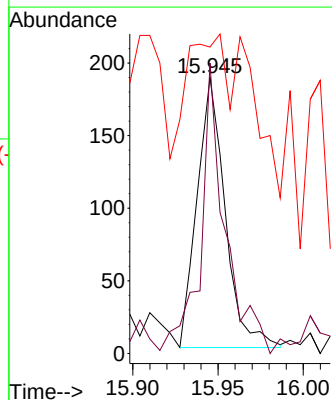
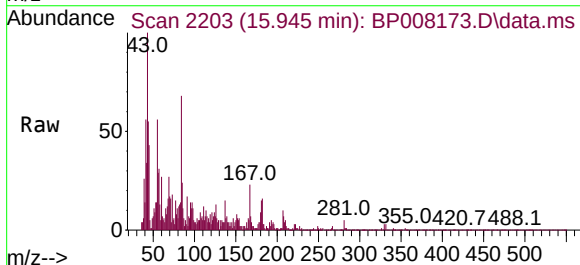
Instrument :  
BNA\_P  
ClientSampleId :  
332

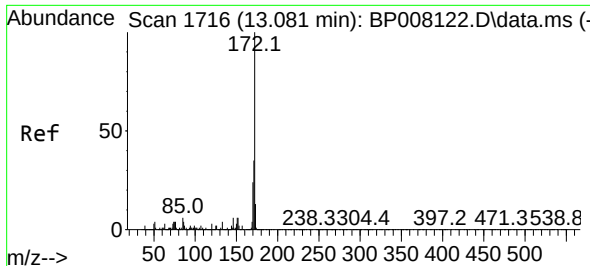
Tgt Ion:164 Resp: 176906  
Ion Ratio Lower Upper  
164 100  
162 102.5 81.9 122.9  
160 45.3 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 0.094 ng  
RT: 15.945 min Scan# 2203  
Delta R.T. -0.000 min  
Lab File: BP008173.D  
Acq: 01 Dec 2021 14:34

Tgt Ion:330 Resp: 213  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.0 115.4  
141 62.9 28.4 42.6#

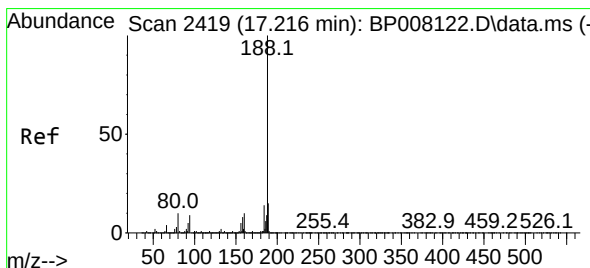
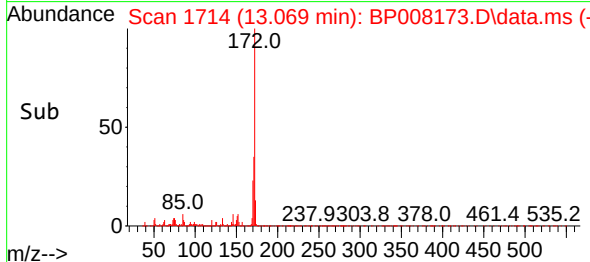
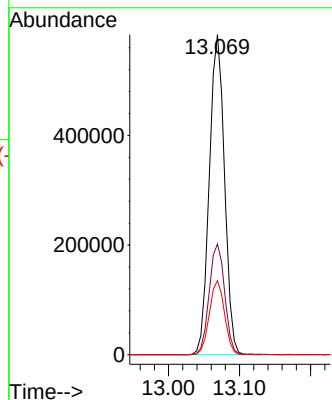
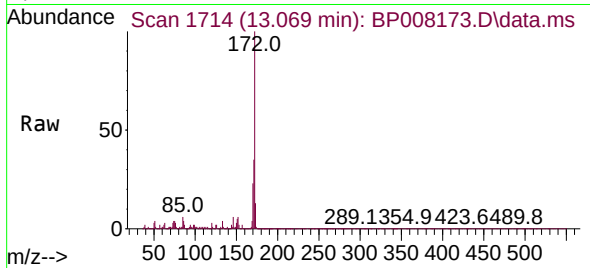




#45  
2-Fluorobiphenyl  
Concen: 71.349 ng  
RT: 13.069 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP008173.D  
Acq: 01 Dec 2021 14:34

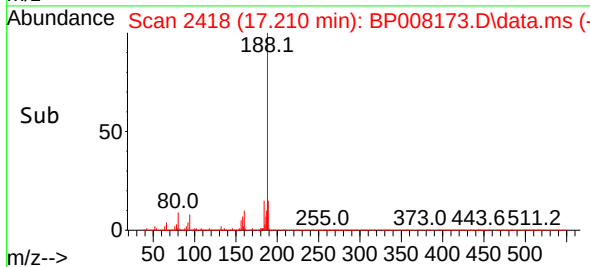
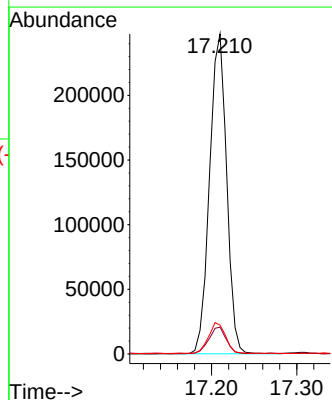
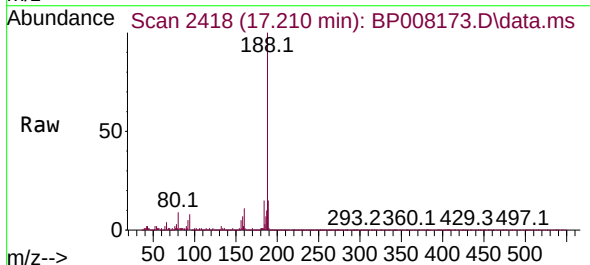
Instrument :  
BNA\_P  
ClientSampleId :  
332

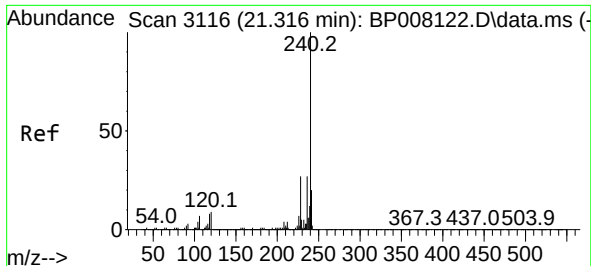
Tgt Ion:172 Resp: 868972  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.0 42.0  
170 23.2 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.210 min Scan# 2418  
Delta R.T. 0.006 min  
Lab File: BP008173.D  
Acq: 01 Dec 2021 14:34

Tgt Ion:188 Resp: 344145  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.2 10.8  
80 9.0 8.2 12.4

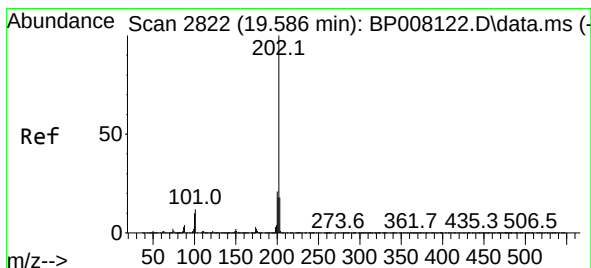
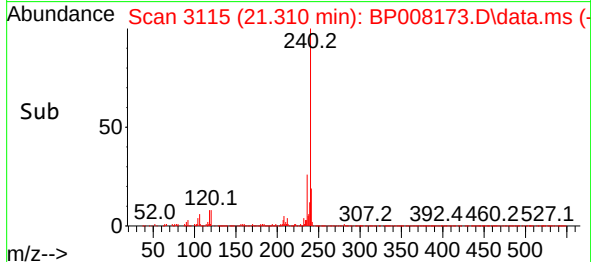
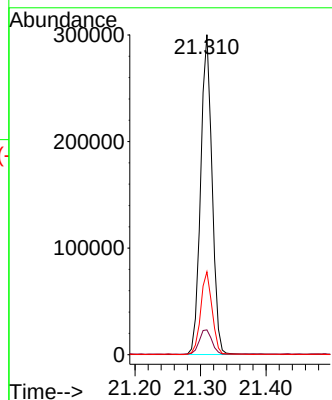
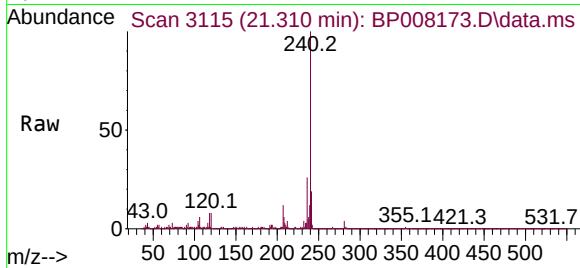




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.310 min Scan# 3116  
Delta R.T. -0.000 min  
Lab File: BP008173.D  
Acq: 01 Dec 2021 14:34

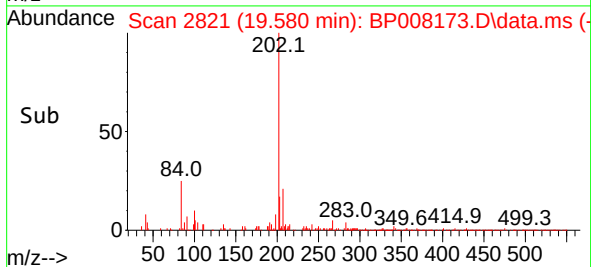
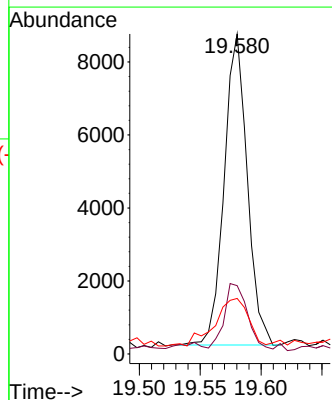
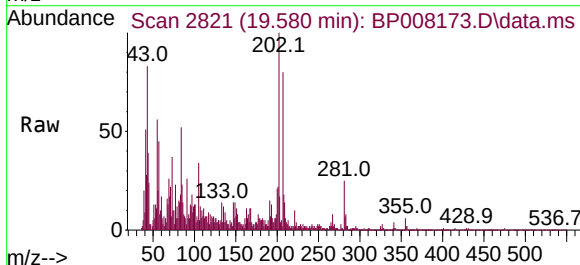
Instrument :  
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ClientSampleId :  
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Tgt Ion:240 Resp: 364363  
Ion Ratio Lower Upper  
240 100  
120 7.8 7.3 10.9  
236 25.9 21.4 32.2

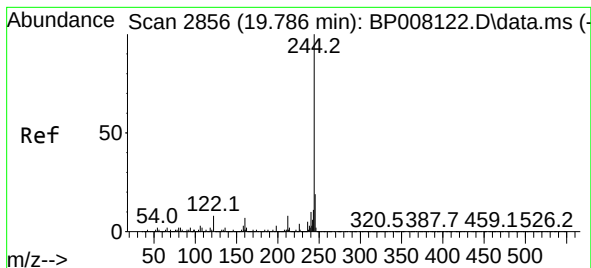


#78  
Pyrene  
Concen: Below Cal  
RT: 19.580 min Scan# 2821  
Delta R.T. -0.000 min  
Lab File: BP008173.D  
Acq: 01 Dec 2021 14:34

Tgt Ion:202 Resp: 11219  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.1 25.7  
203 17.3 14.2 21.2







#79

Terphenyl-d14

Concen: 66.743 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP008173.D

Acq: 01 Dec 2021 14:34

Instrument :

BNA\_P

ClientSampleId :

332

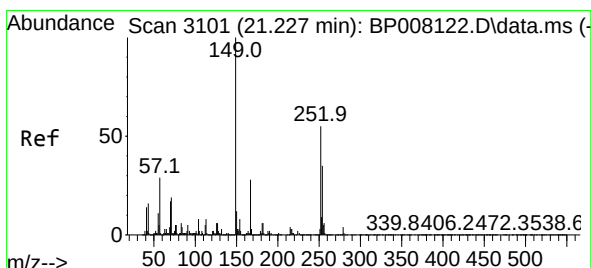
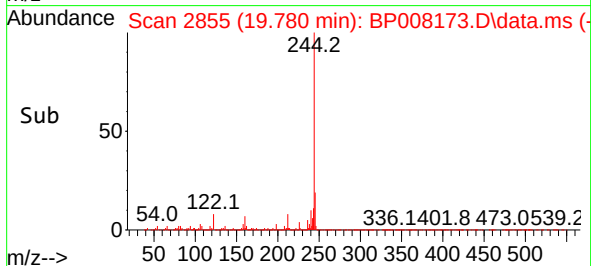
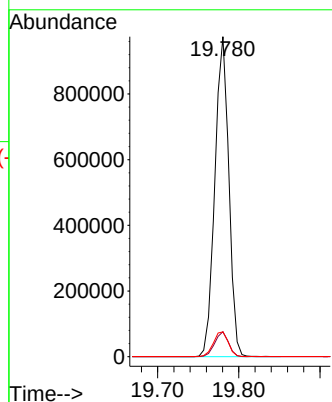
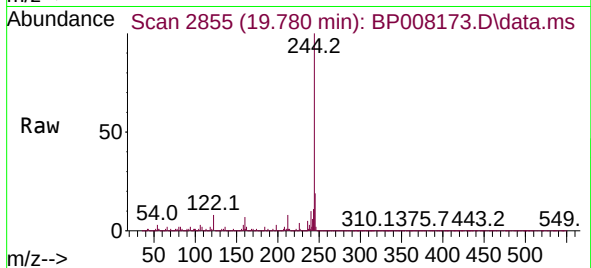
Tgt Ion:244 Resp: 1163612

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 7.8 6.6 9.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.243 ng

RT: 21.186 min Scan# 3094

Delta R.T. -0.035 min

Lab File: BP008173.D

Acq: 01 Dec 2021 14:34

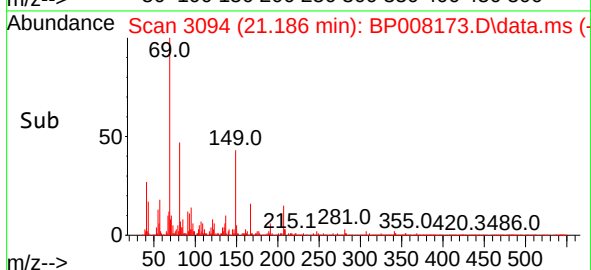
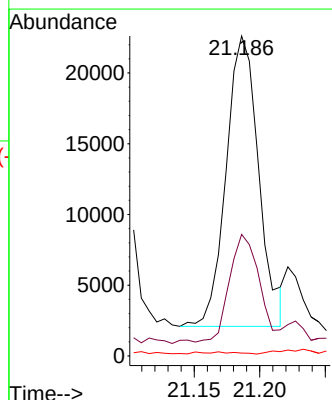
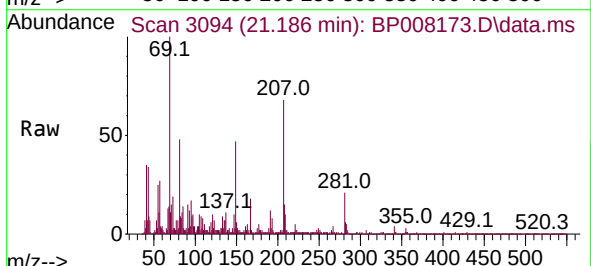
Tgt Ion:149 Resp: 35332

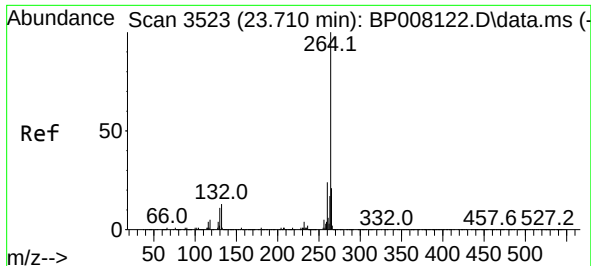
Ion Ratio Lower Upper

149 100

167 38.0 22.5 33.7#

279 0.9 3.5 5.3#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.704 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: BP008173.D  
 Acq: 01 Dec 2021 14:34

Instrument :  
 BNA\_P  
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Tgt Ion:264 Resp: 447210  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.4 29.2  
 265 22.0 17.6 26.4

