

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020122\  
 Data File : BP008990.D  
 Acq On : 01 Feb 2022 17:04  
 Operator : CG/JU  
 Sample : N1335-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-3D

Quant Time: Feb 01 17:35:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 01 04:16:03 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.828  | 152  | 232151   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.622 | 136  | 897305   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.469 | 164  | 570589   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.222 | 188  | 1161052  | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.316 | 240  | 1108031  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 23.721 | 264  | 1182447  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.417  | 112  | 1230233  | 81.949 | ng    | 0.00     |
| 7) Phenol-d6                | 7.011  | 99   | 1532531  | 84.303 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.987  | 82   | 952663   | 60.276 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.963 | 330  | 689307   | 82.994 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.087 | 172  | 2463959  | 56.947 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.786 | 244  | 3506792  | 53.421 | ng    | -0.01    |

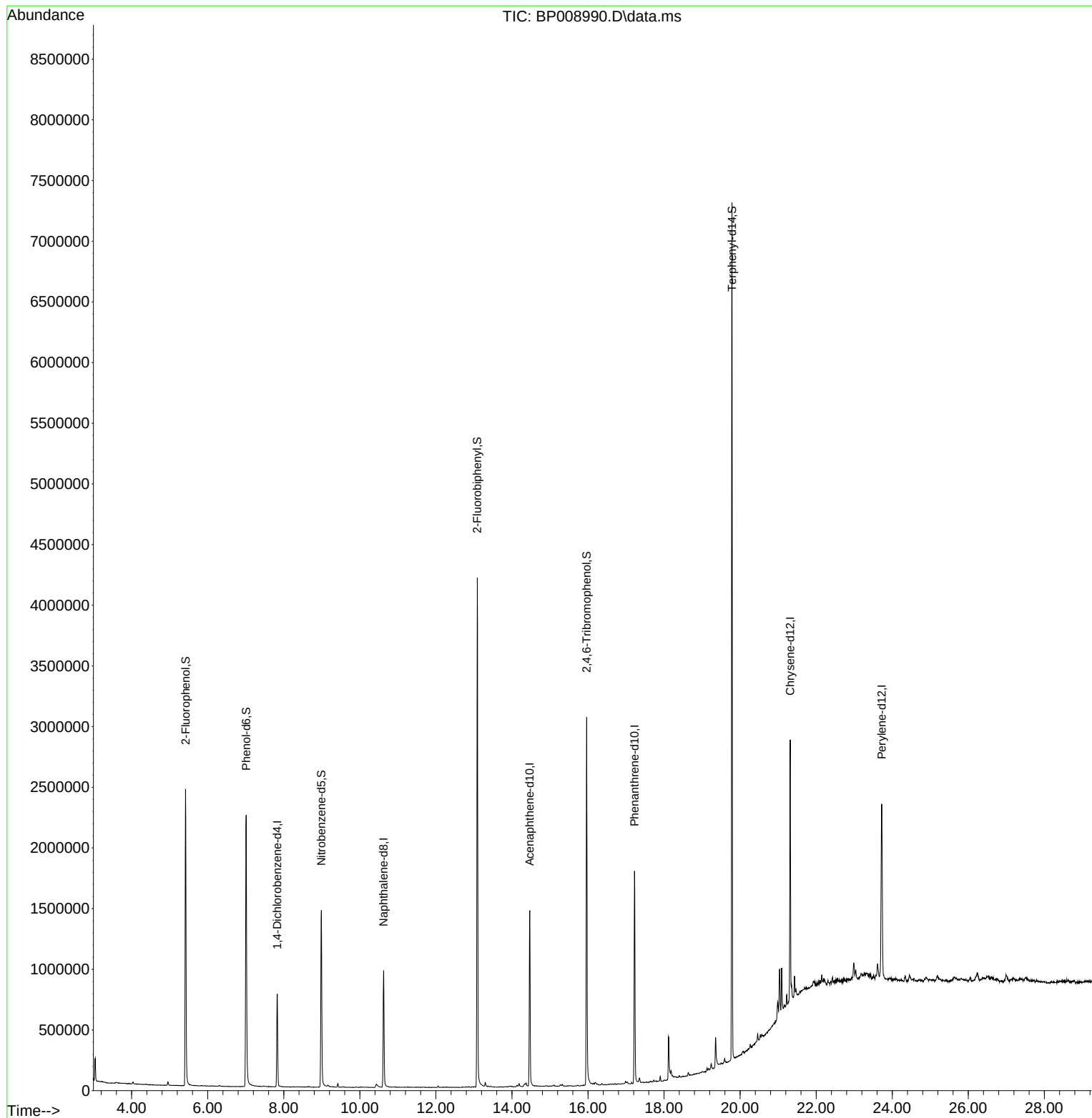
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

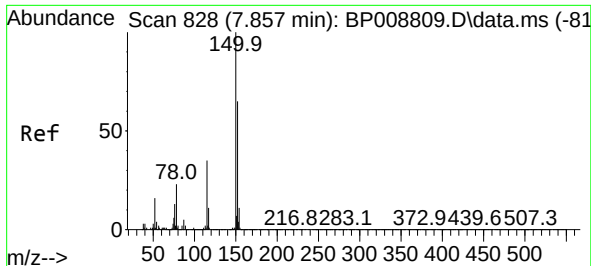
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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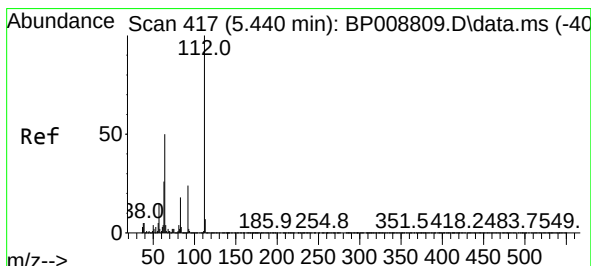
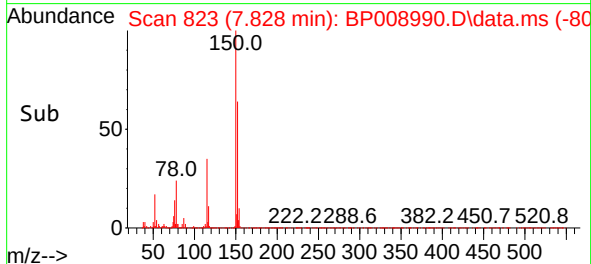
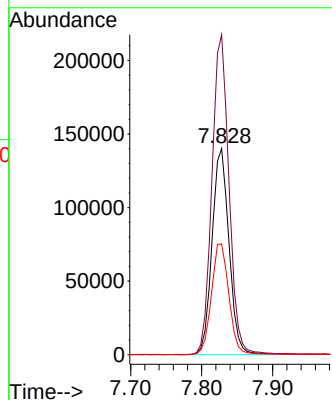
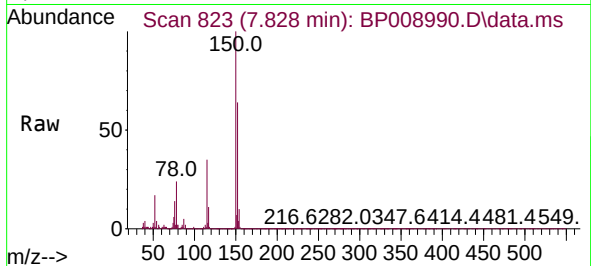




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.828 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP008990.D  
Acq: 01 Feb 2022 17:04

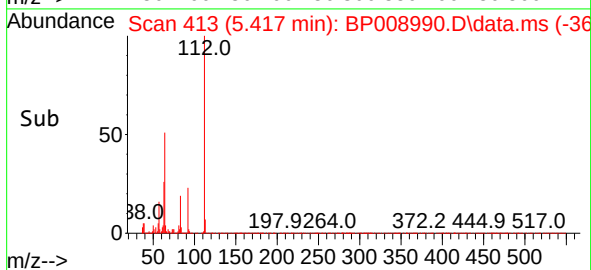
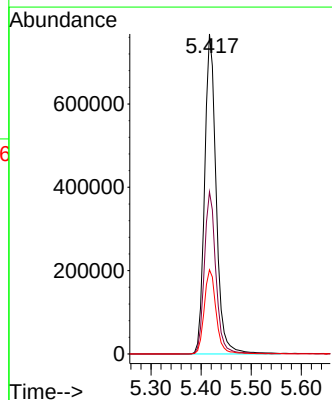
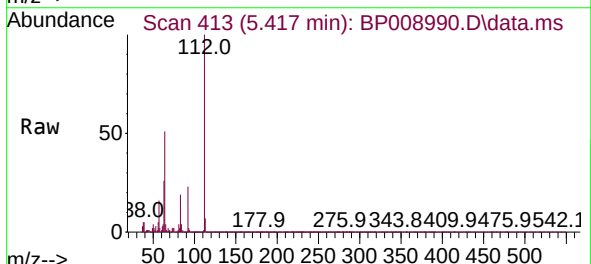
Instrument :  
BNA\_P  
ClientSampleId :  
MH-3D

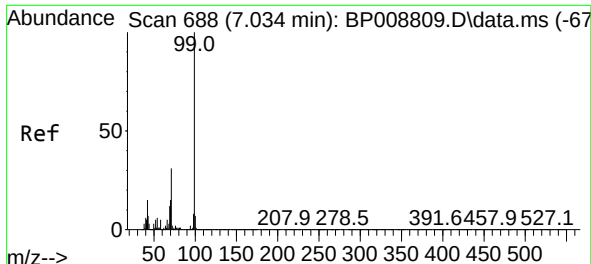
Tgt Ion:152 Resp: 232151  
Ion Ratio Lower Upper  
152 100  
150 155.1 127.0 190.6  
115 53.7 43.7 65.5



#5  
2-Fluorophenol  
Concen: 81.949 ng  
RT: 5.417 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: BP008990.D  
Acq: 01 Feb 2022 17:04

Tgt Ion:112 Resp: 1230233  
Ion Ratio Lower Upper  
112 100  
64 50.6 39.7 59.5  
63 26.3 20.0 30.0



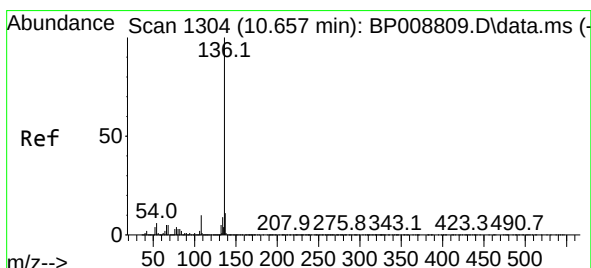
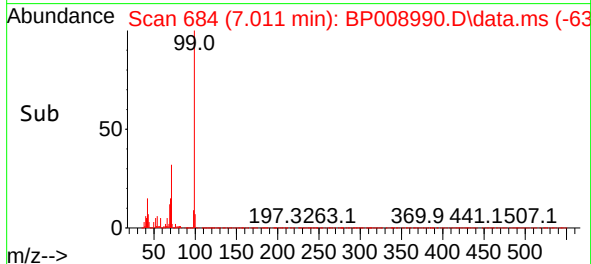
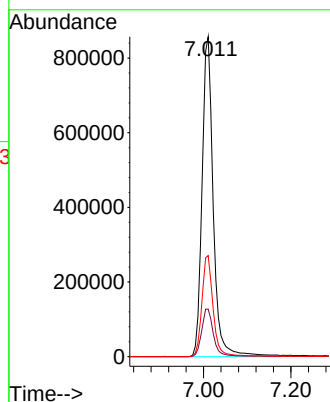
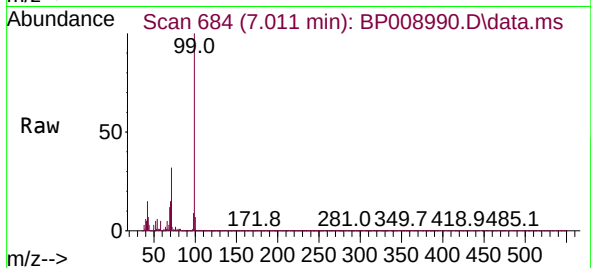


#7  
Phenol-d6  
Concen: 84.303 ng  
RT: 7.011 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP008990.D  
Acq: 01 Feb 2022 17:04

Instrument :  
BNA\_P  
ClientSampleId :  
MH-3D

Tgt Ion: 99 Resp: 1532531

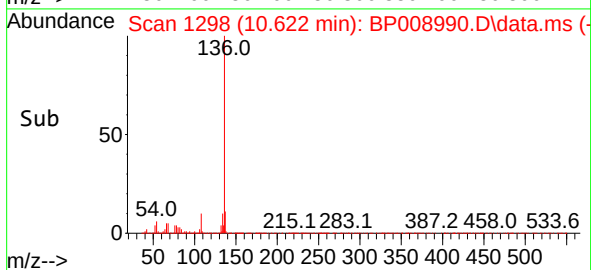
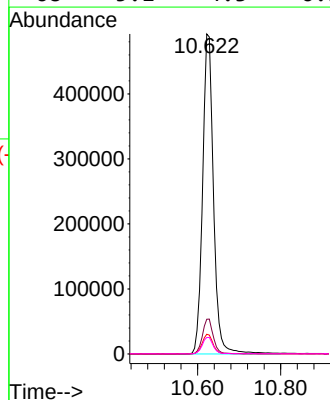
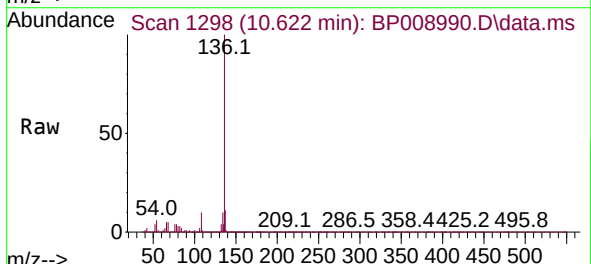
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.9  | 10.8  | 16.2  |
| 71  | 31.6  | 23.8  | 35.6  |

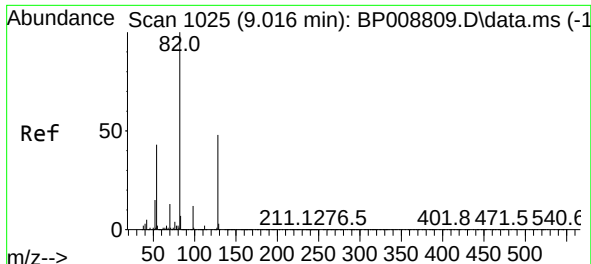


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.622 min Scan# 1298  
Delta R.T. -0.012 min  
Lab File: BP008990.D  
Acq: 01 Feb 2022 17:04

Tgt Ion: 136 Resp: 897305

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 9.0   | 13.4  |
| 54  | 6.2   | 4.9   | 7.3   |
| 68  | 5.1   | 4.3   | 6.5   |

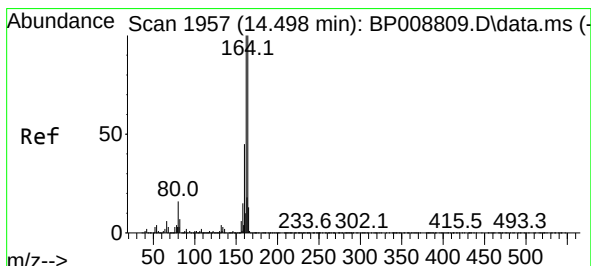
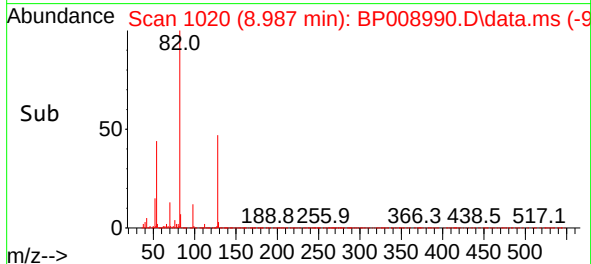
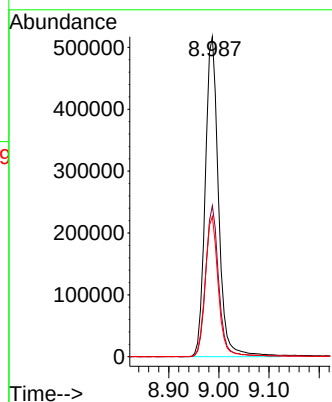
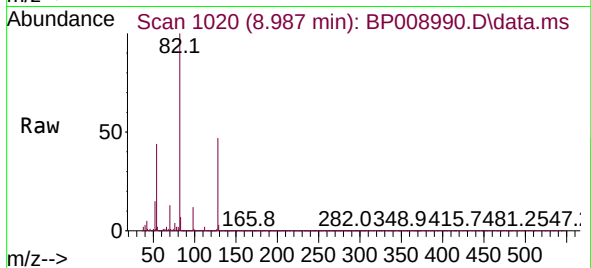




#23  
Nitrobenzene-d5  
Concen: 60.276 ng  
RT: 8.987 min Scan# 1025  
Delta R.T. -0.012 min  
Lab File: BP008990.D  
Acq: 01 Feb 2022 17:04

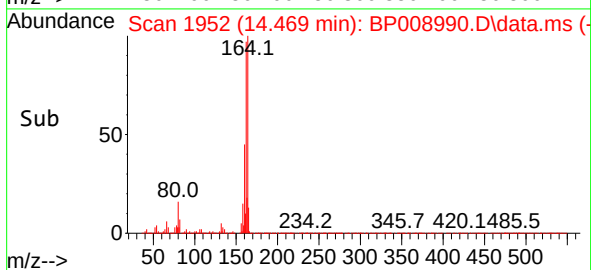
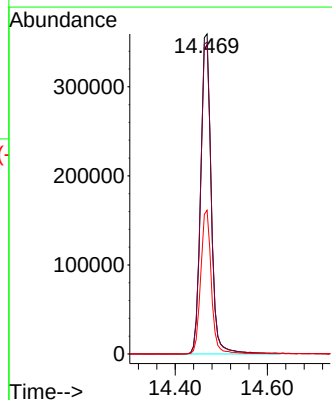
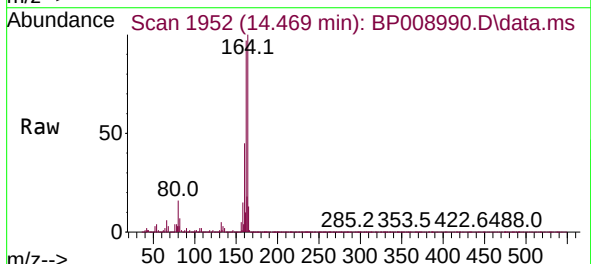
Instrument :  
BNA\_P  
ClientSampleId :  
MH-3D

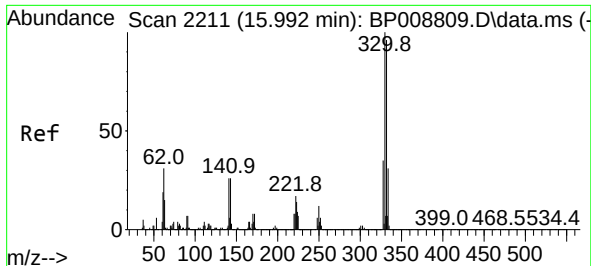
Tgt Ion: 82 Resp: 952663  
Ion Ratio Lower Upper  
82 100  
128 47.1 39.4 59.2  
54 43.8 32.6 48.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.469 min Scan# 1952  
Delta R.T. -0.006 min  
Lab File: BP008990.D  
Acq: 01 Feb 2022 17:04

Tgt Ion: 164 Resp: 570589  
Ion Ratio Lower Upper  
164 100  
162 97.5 79.9 119.9  
160 44.9 35.5 53.3

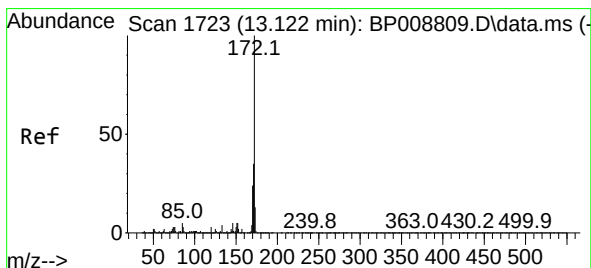
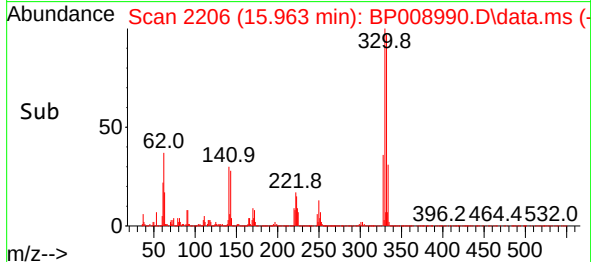
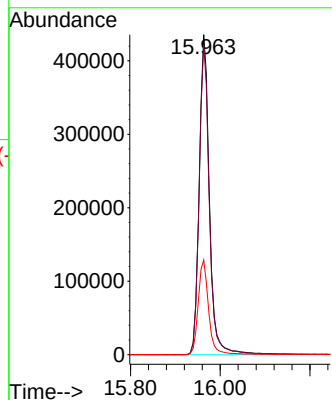
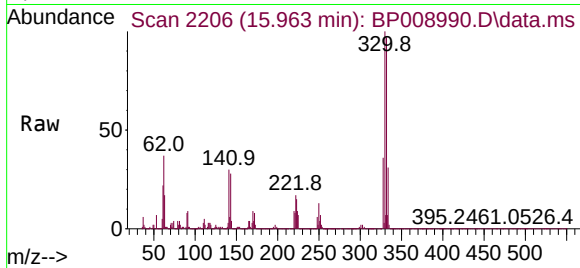




#42  
2,4,6-Tribromophenol  
Concen: 82.994 ng  
RT: 15.963 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP008990.D  
Acq: 01 Feb 2022 17:04

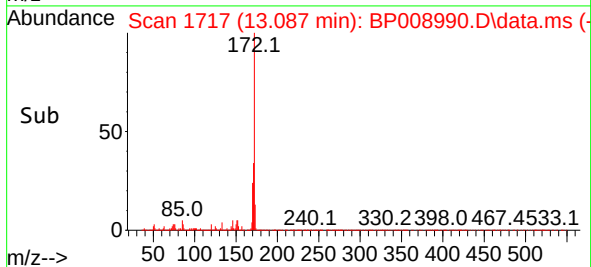
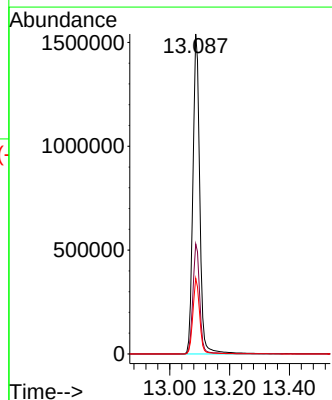
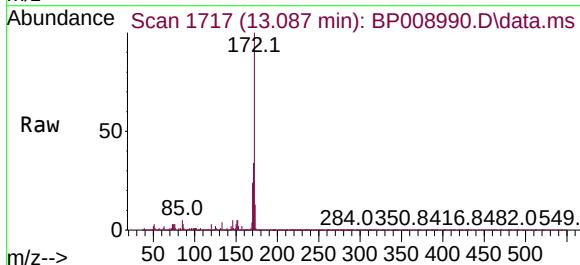
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ClientSampleId :  
MH-3D

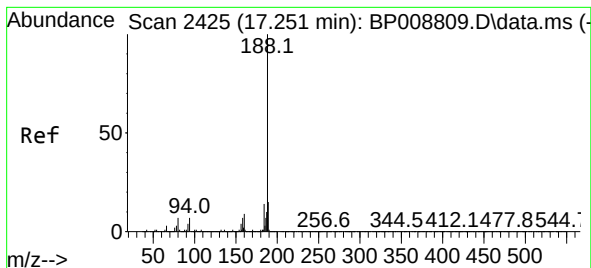
Tgt Ion:330 Resp: 689307  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.0 115.4  
141 30.0 21.3 31.9



#45  
2-Fluorobiphenyl  
Concen: 56.947 ng  
RT: 13.087 min Scan# 1717  
Delta R.T. -0.012 min  
Lab File: BP008990.D  
Acq: 01 Feb 2022 17:04

Tgt Ion:172 Resp: 2463959  
Ion Ratio Lower Upper  
172 100  
171 34.4 29.3 43.9  
170 23.7 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.222 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP008990.D

Acq: 01 Feb 2022 17:04

Instrument :

BNA\_P

ClientSampleId :

MH-3D

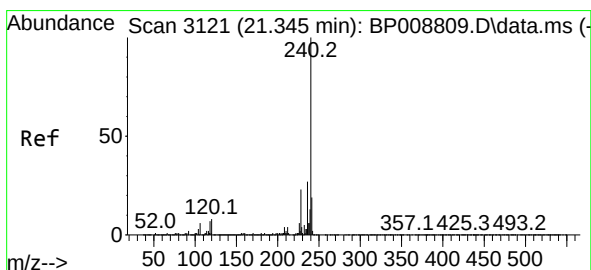
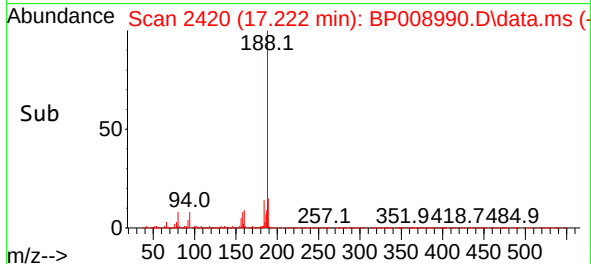
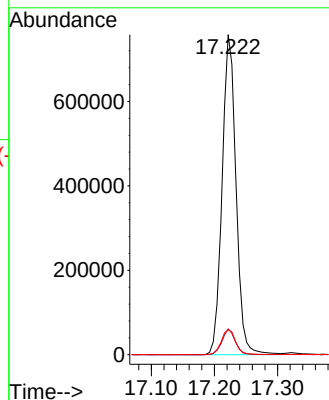
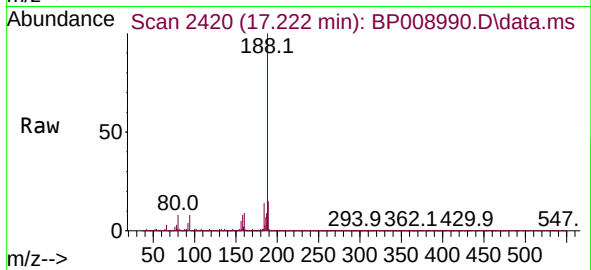
Tgt Ion:188 Resp: 1161052

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 7.8 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.316 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP008990.D

Acq: 01 Feb 2022 17:04

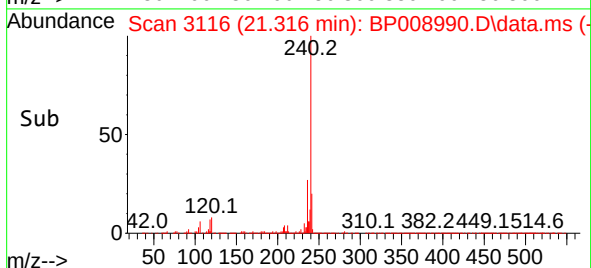
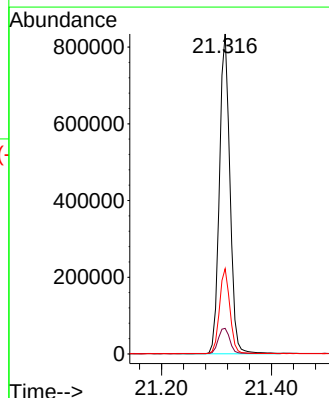
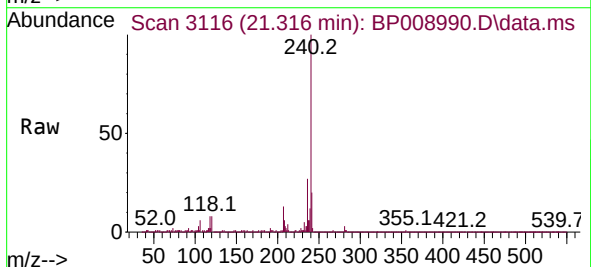
Tgt Ion:240 Resp: 1108031

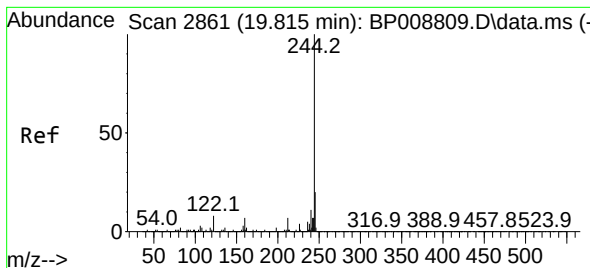
Ion Ratio Lower Upper

240 100

120 8.0 7.7 11.5

236 26.7 21.2 31.8





#79

Terphenyl-d14

Concen: 53.421 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP008990.D

Acq: 01 Feb 2022 17:04

Instrument :

BNA\_P

ClientSampleId :

MH-3D

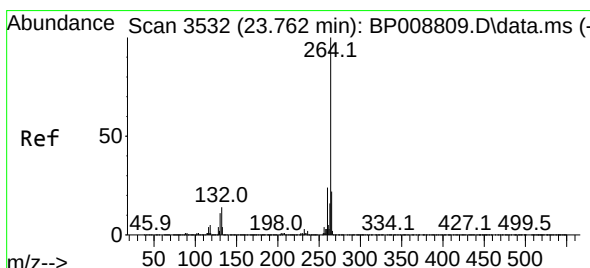
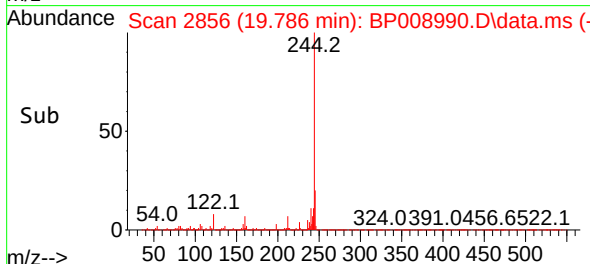
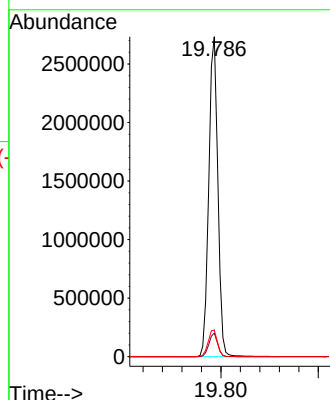
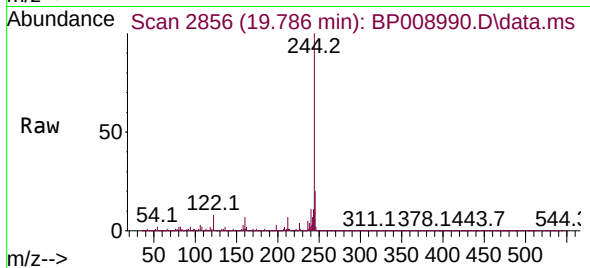
Tgt Ion:244 Resp: 3506792

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.4 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3525

Delta R.T. -0.017 min

Lab File: BP008990.D

Acq: 01 Feb 2022 17:04

Tgt Ion:264 Resp: 1182447

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.1 17.1 25.7

