

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032822\  
 Data File : BP009586.D  
 Acq On : 29 Mar 2022 02:45  
 Operator : CG/JU  
 Sample : N2102-01 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HD-02-32422

Quant Time: Mar 29 04:55:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 06:34:38 2022  
 Response via : Initial Calibration

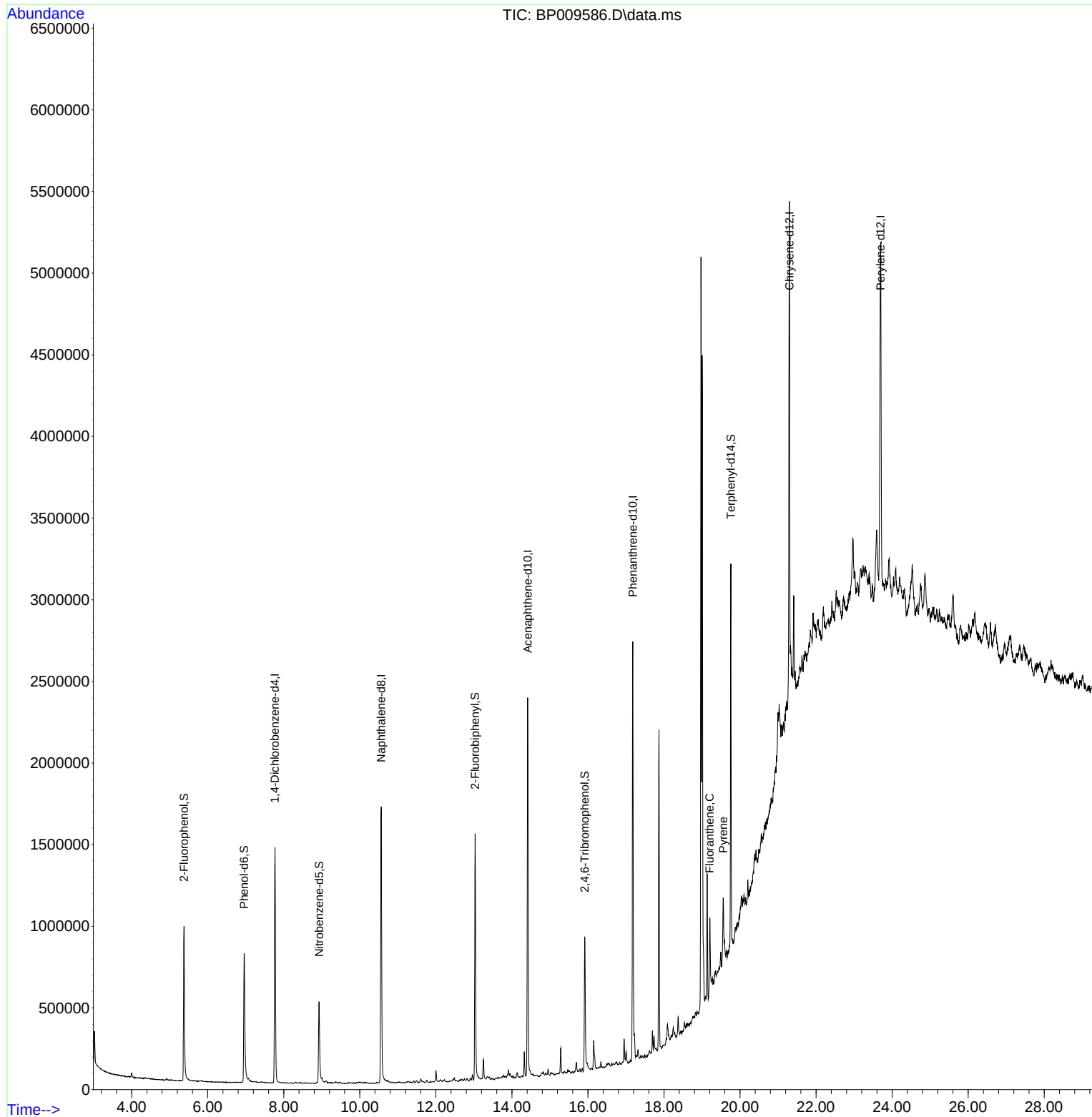
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.769  | 152  | 451166   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.563 | 136  | 1666630  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.416 | 164  | 903701   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.180 | 188  | 1665652  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.298 | 240  | 1604594  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.698 | 264  | 1769746  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 528575   | 20.455 | ng    | 0.00     |
| 7) Phenol-d6                | 6.957  | 99   | 649537   | 18.587 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.928  | 82   | 392774   | 12.524 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.916 | 330  | 209235   | 14.031 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.034 | 172  | 925247   | 14.193 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.757 | 244  | 1179677  | 13.196 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 75) Fluoranthene            | 19.204 | 202  | 245705   | 2.276  | ng    | 99       |
| 78) Pyrene                  | 19.557 | 202  | 241918   | 2.288  | ng    | 97       |
| -----                       |        |      |          |        |       |          |

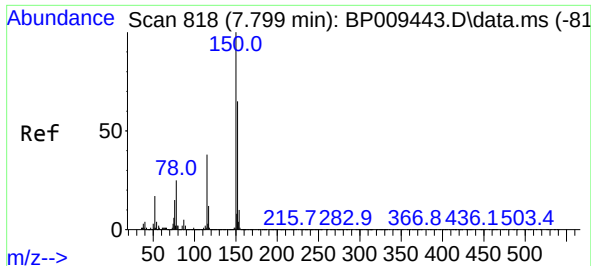
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032822\  
Data File : BP009586.D  
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Sample : N2102-01 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HD-02-32422

Quant Time: Mar 29 04:55:29 2022  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 25 06:34:38 2022  
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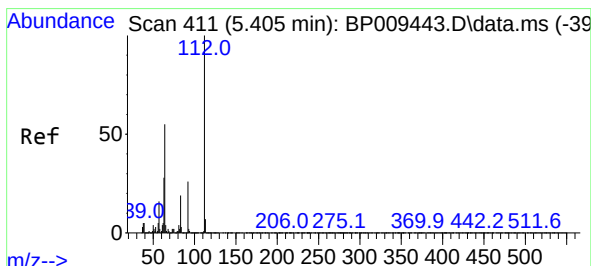
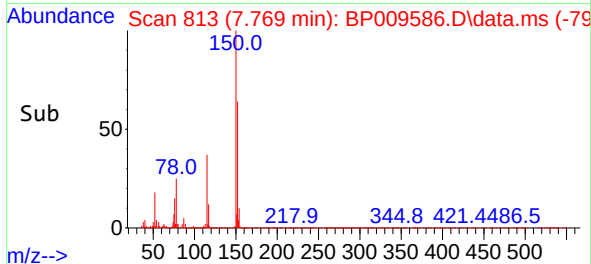
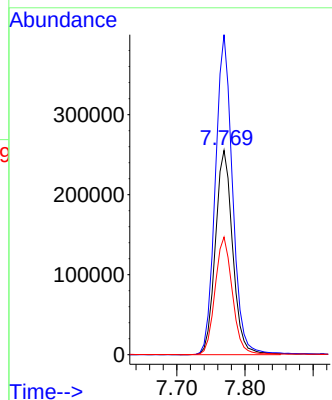
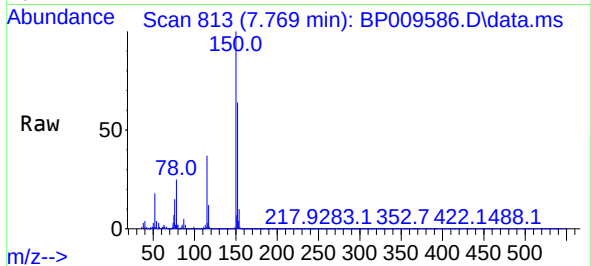




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.769 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP009586.D  
Acq: 29 Mar 2022 02:45

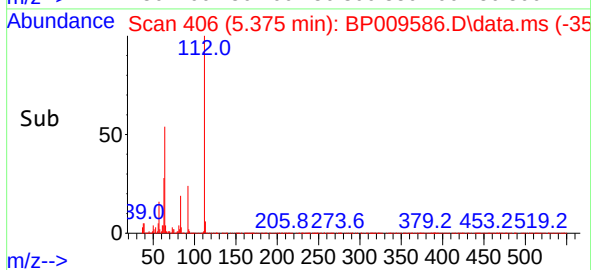
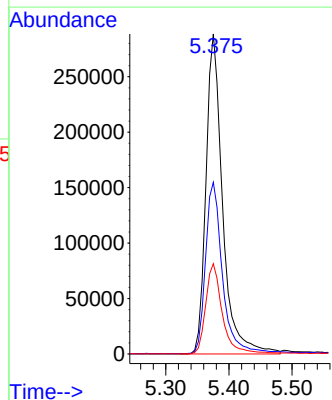
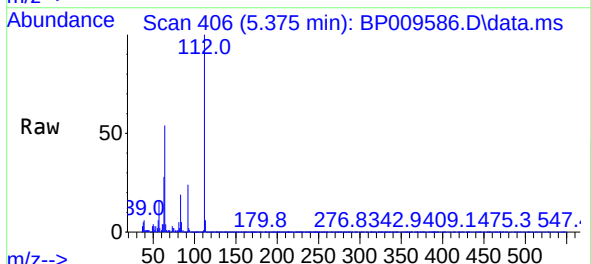
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BNA\_P  
ClientSampleId :  
HD-02-32422

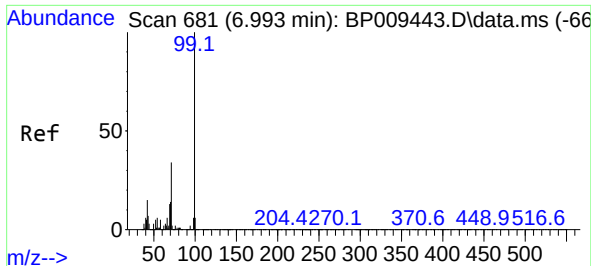
Tgt Ion:152 Resp: 451166  
Ion Ratio Lower Upper  
152 100  
150 156.6 124.5 186.7  
115 57.6 48.2 72.4



#5  
2-Fluorophenol  
Concen: 20.455 ng  
RT: 5.375 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: BP009586.D  
Acq: 29 Mar 2022 02:45

Tgt Ion:112 Resp: 528575  
Ion Ratio Lower Upper  
112 100  
64 53.7 45.0 67.4  
63 28.2 23.0 34.6





Phenol-d6

Concen: 18.587 ng

RT: 6.957 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP009586.D

Acq: 29 Mar 2022 02:45

Instrument :

BNA\_P

ClientSampleId :

HD-02-32422

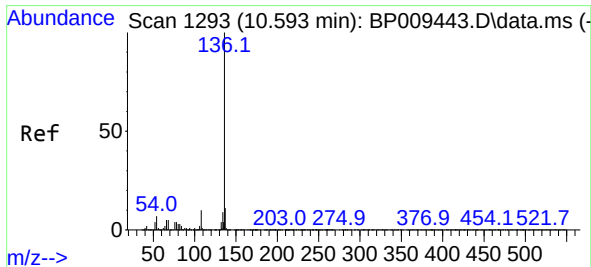
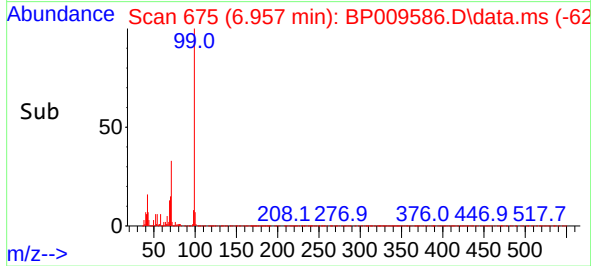
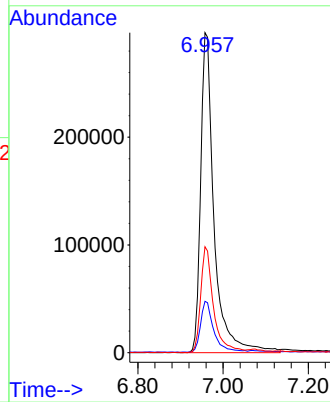
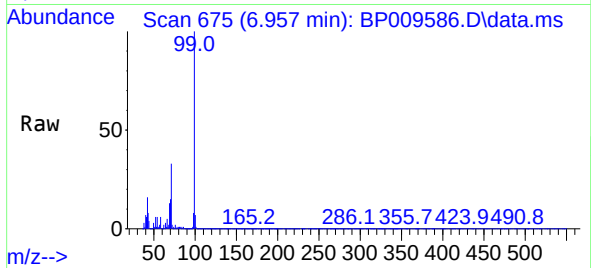
Tgt Ion: 99 Resp: 649537

Ion Ratio Lower Upper

99 100

42 16.0 12.8 19.2

71 33.1 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: BP009586.D

Acq: 29 Mar 2022 02:45

Tgt Ion:136 Resp: 1666630

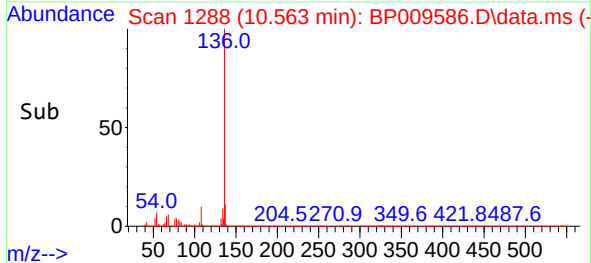
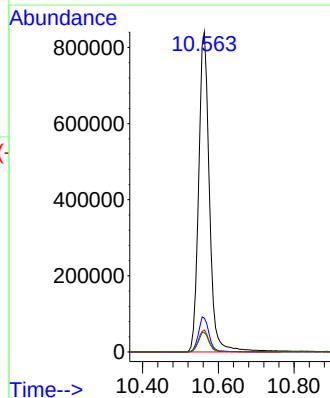
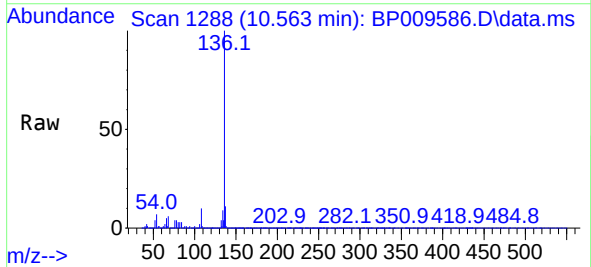
Ion Ratio Lower Upper

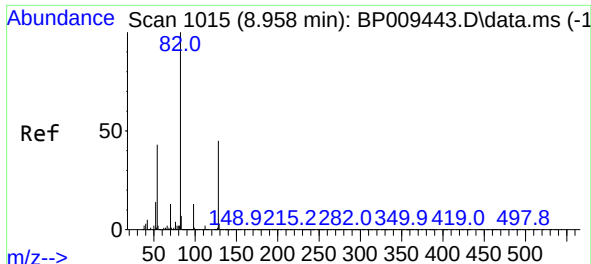
136 100

137 10.5 8.6 12.8

54 6.8 5.8 8.8

68 6.1 5.2 7.8

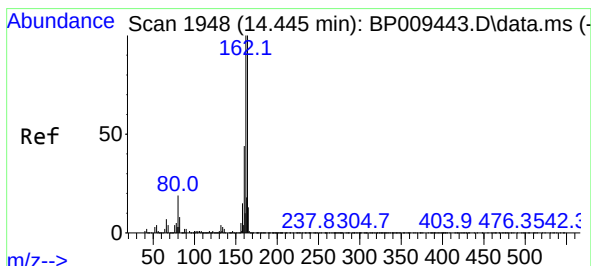
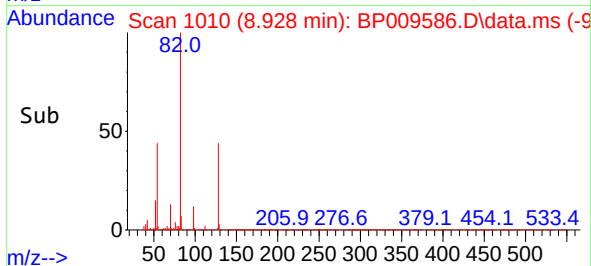
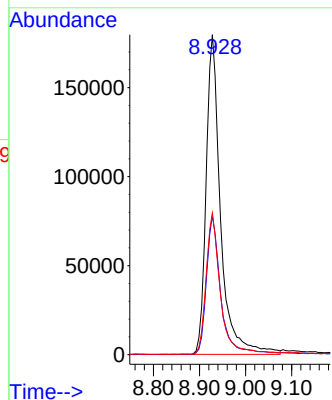
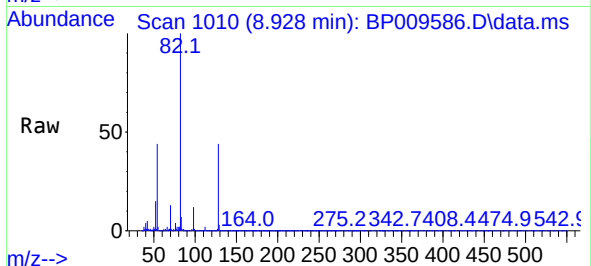




#23  
Nitrobenzene-d5  
Concen: 12.524 ng  
RT: 8.928 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BP009586.D  
Acq: 29 Mar 2022 02:45

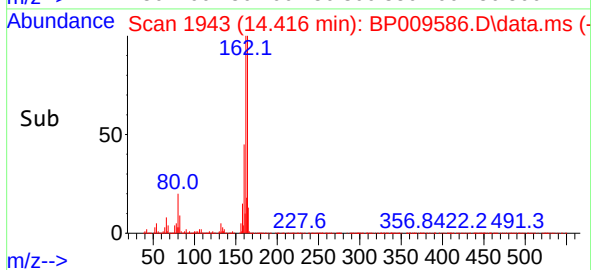
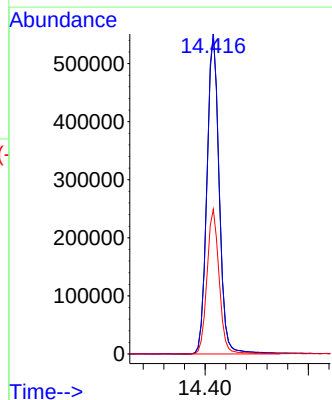
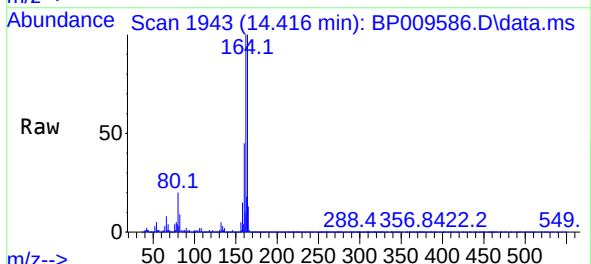
Instrument :  
BNA\_P  
ClientSampleId :  
HD-02-32422

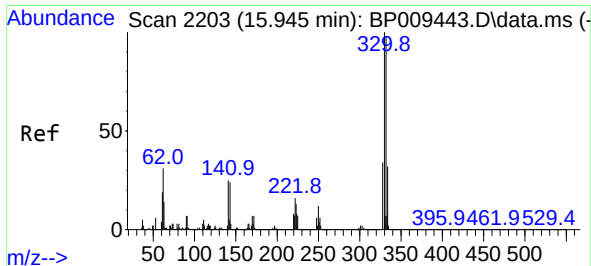
Tgt Ion: 82 Resp: 392774  
Ion Ratio Lower Upper  
82 100  
128 43.5 34.2 51.4  
54 44.3 34.7 52.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.416 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: BP009586.D  
Acq: 29 Mar 2022 02:45

Tgt Ion: 164 Resp: 903701  
Ion Ratio Lower Upper  
164 100  
162 100.0 79.1 118.7  
160 45.2 34.9 52.3

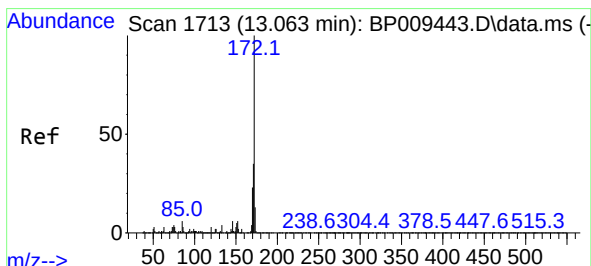
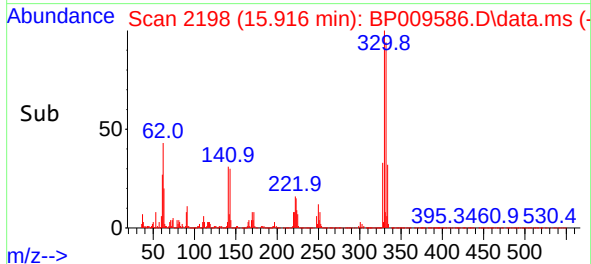
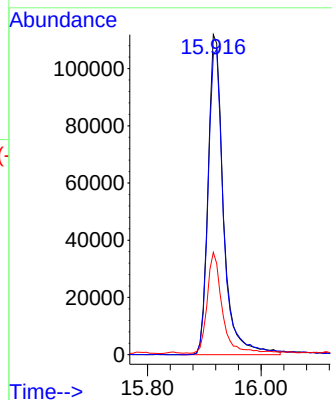
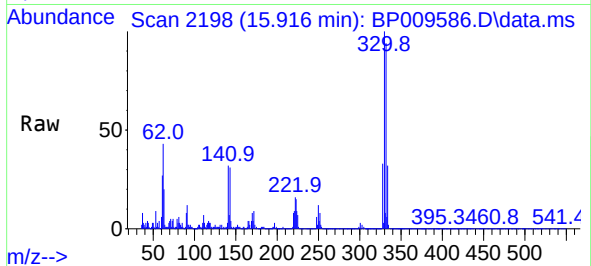




#42  
2,4,6-Tribromophenol  
Concen: 14.031 ng  
RT: 15.916 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009586.D  
Acq: 29 Mar 2022 02:45

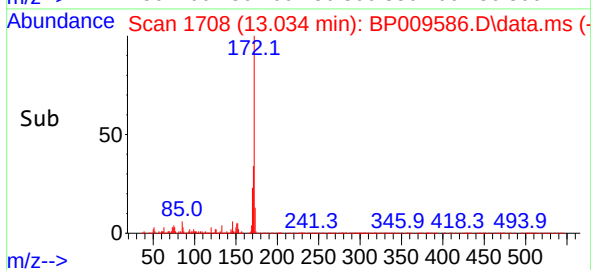
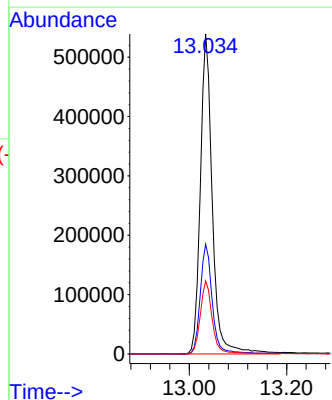
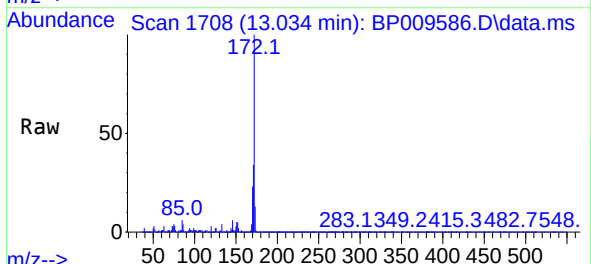
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ClientSampleId :  
HD-02-32422

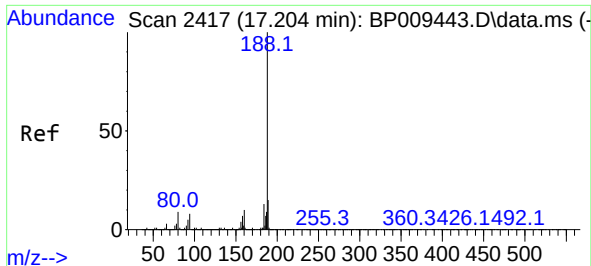
Tgt Ion:330 Resp: 209235  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.0 115.6  
141 30.4 27.6 41.4



#45  
2-Fluorobiphenyl  
Concen: 14.193 ng  
RT: 13.034 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BP009586.D  
Acq: 29 Mar 2022 02:45

Tgt Ion:172 Resp: 925247  
Ion Ratio Lower Upper  
172 100  
171 34.3 28.0 42.0  
170 22.9 18.6 27.8

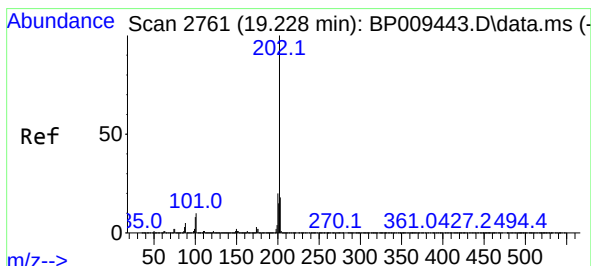
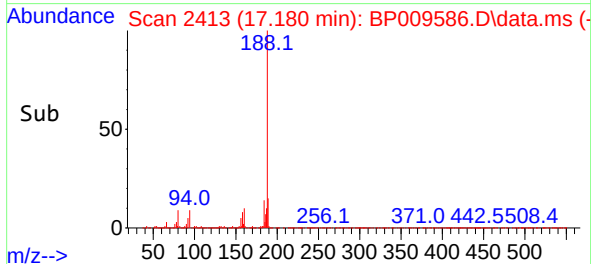
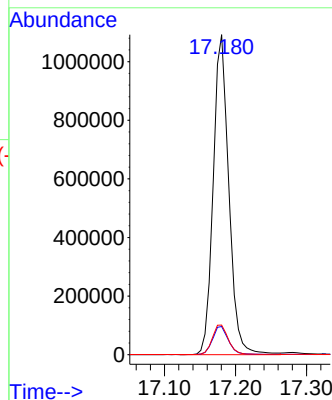
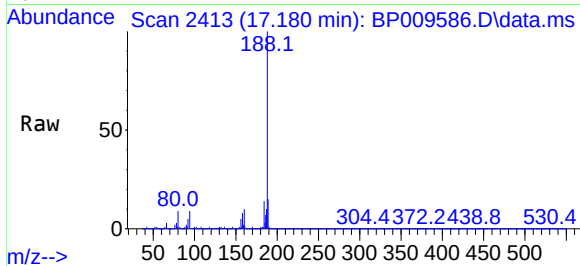




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.180 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BP009586.D  
Acq: 29 Mar 2022 02:45

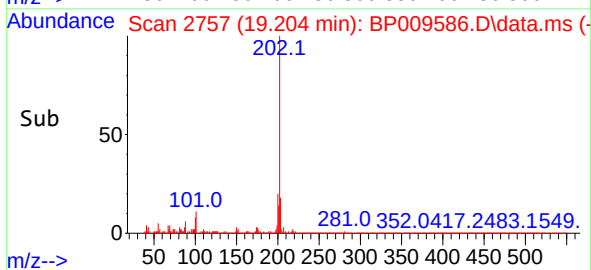
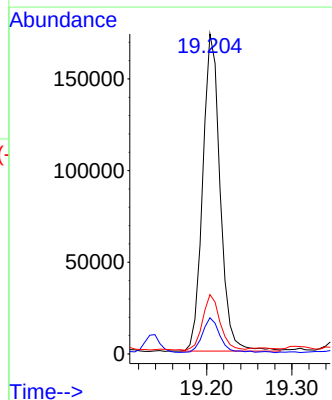
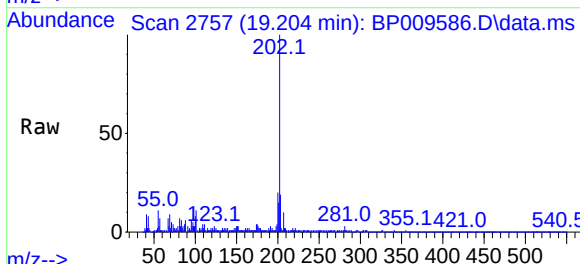
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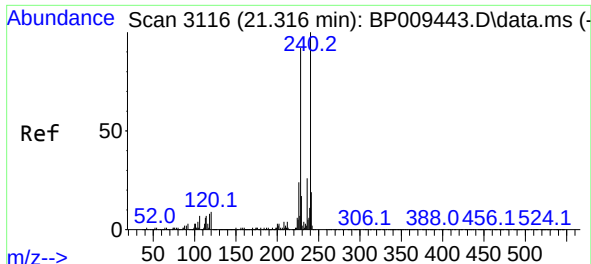
Tgt Ion:188 Resp: 1665652  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.9 11.9  
80 9.3 8.8 13.2



#75  
Fluoranthene  
Concen: 2.276 ng  
RT: 19.204 min Scan# 2757  
Delta R.T. -0.006 min  
Lab File: BP009586.D  
Acq: 29 Mar 2022 02:45

Tgt Ion:202 Resp: 245705  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 31.5  
203 18.5 0.0 37.8

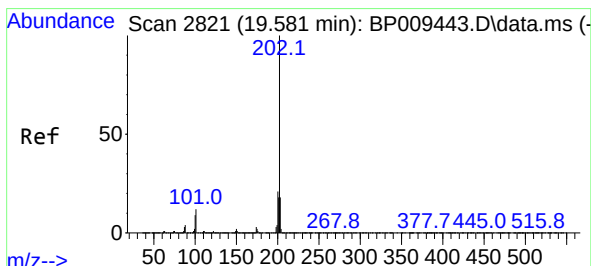
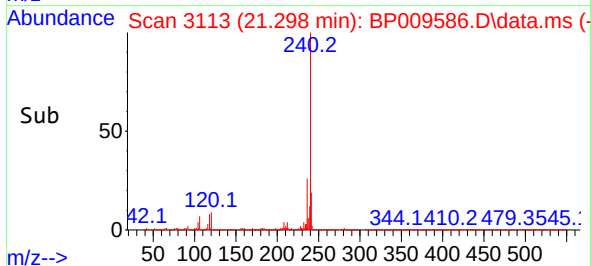
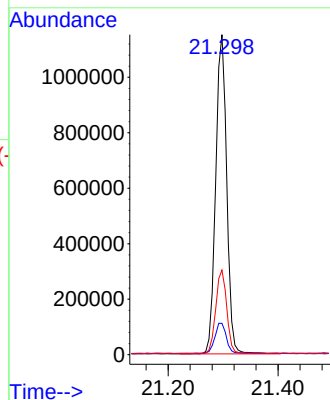
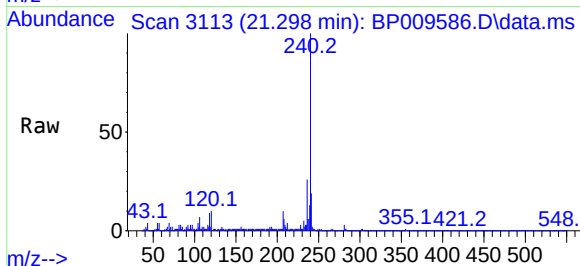




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.298 min Scan# 3116  
Delta R.T. -0.000 min  
Lab File: BP009586.D  
Acq: 29 Mar 2022 02:45

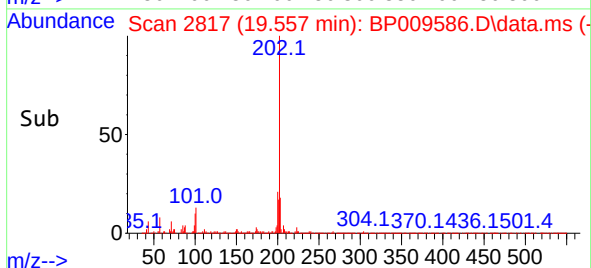
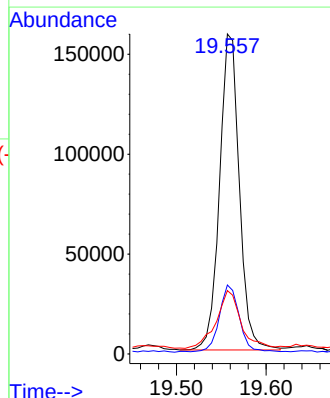
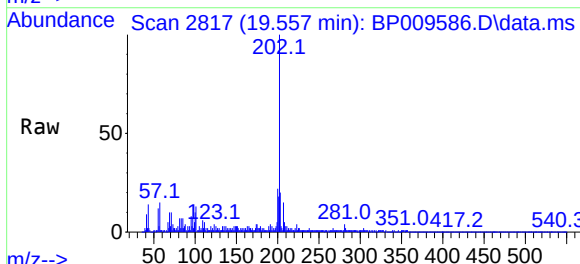
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ClientSampleId :  
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Tgt Ion:240 Resp: 1604594  
Ion Ratio Lower Upper  
240 100  
120 9.8 9.0 13.4  
236 26.4 20.6 30.8

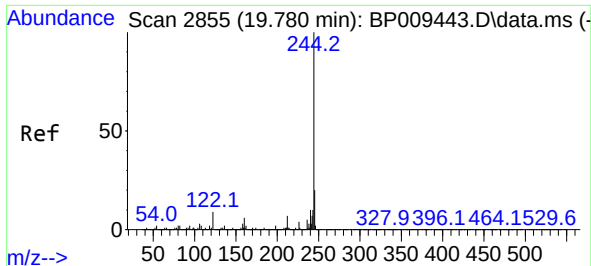


#78  
Pyrene  
Concen: 2.288 ng  
RT: 19.557 min Scan# 2817  
Delta R.T. -0.006 min  
Lab File: BP009586.D  
Acq: 29 Mar 2022 02:45

Tgt Ion:202 Resp: 241918  
Ion Ratio Lower Upper  
202 100  
200 21.6 16.8 25.2  
203 19.8 14.2 21.4





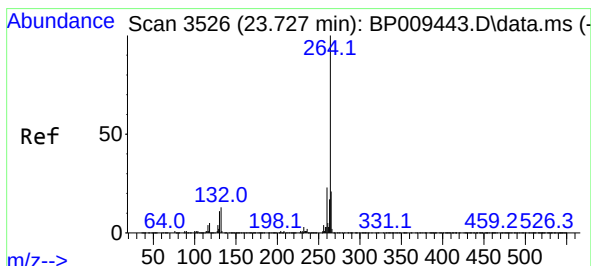
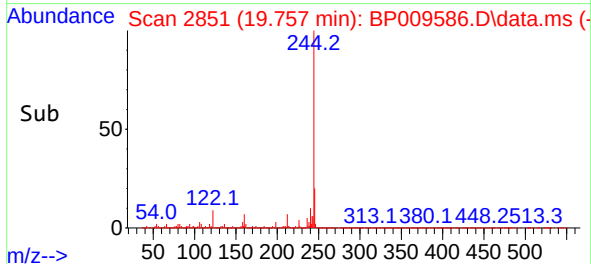
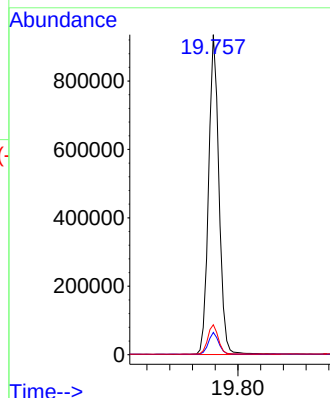
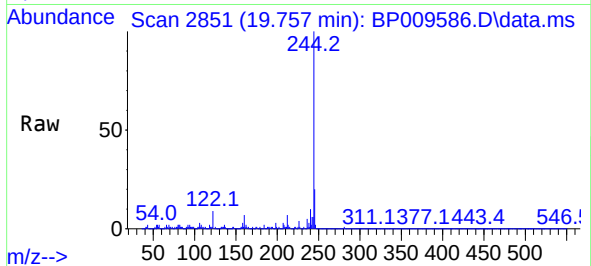


#79  
 Terphenyl-d14  
 Concen: 13.196 ng  
 RT: 19.757 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP009586.D  
 Acq: 29 Mar 2022 02:45

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HD-02-32422

Tgt Ion:244 Resp: 1179677

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.0   | 5.8   | 8.6   |
| 122 | 9.4   | 8.3   | 12.5  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.698 min Scan# 3521  
 Delta R.T. 0.006 min  
 Lab File: BP009586.D  
 Acq: 29 Mar 2022 02:45

Tgt Ion:264 Resp: 1769746

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.5  | 19.4  | 29.0  |
| 265 | 22.2  | 17.2  | 25.8  |

