

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121821\  
 Data File : BP008503.D  
 Acq On : 18 Dec 2021 23:11  
 Operator : CG/JU  
 Sample : M5115-10  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EB-2021-12-15

Quant Time: Dec 20 00:55:26 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 18 06:49:58 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.716  | 152  | 45478    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.516 | 136  | 166962   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.381 | 164  | 113217   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.145 | 188  | 251557   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.257 | 240  | 305450   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.616 | 264  | 347789   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.322  | 112  | 200988   | 69.794  | ng    | 0.00     |
| 7) Phenol-d6                | 6.928  | 99   | 153532   | 39.696  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.887  | 82   | 367768   | 93.317  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.887 | 330  | 248162   | 149.153 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.993 | 172  | 775617   | 87.086  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.716 | 244  | 1533794  | 87.392  | ng    | -0.01    |

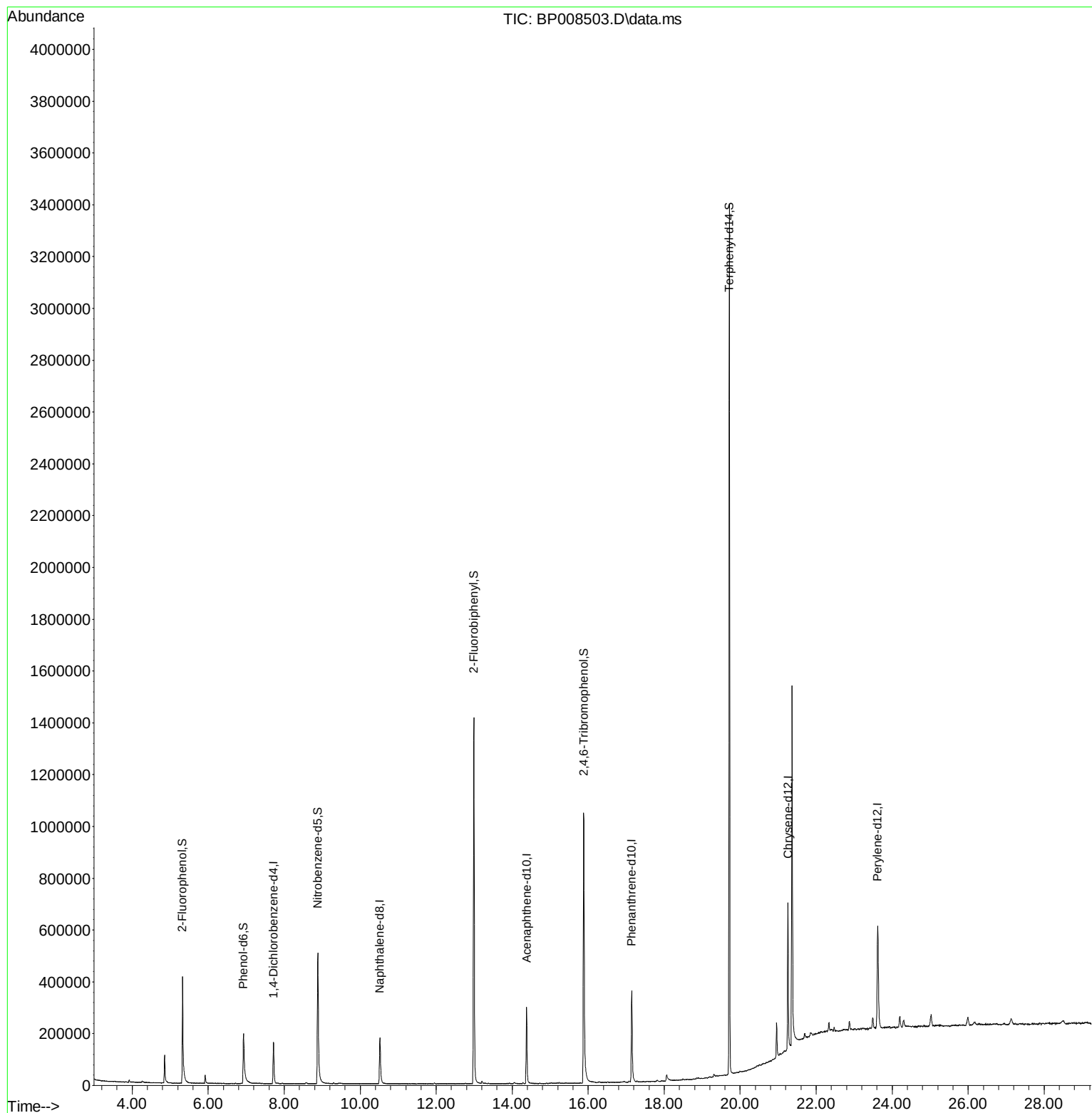
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

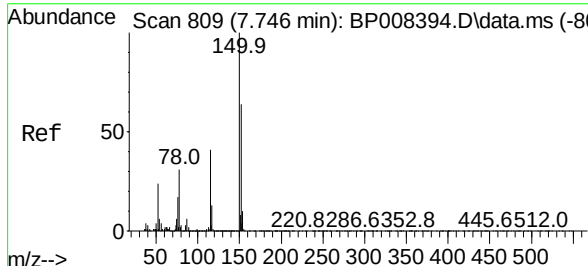
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M5115-10  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EB-2021-12-15

Quant Time: Dec 20 00:55:26 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 18 06:49:58 2021  
Response via : Initial Calibration

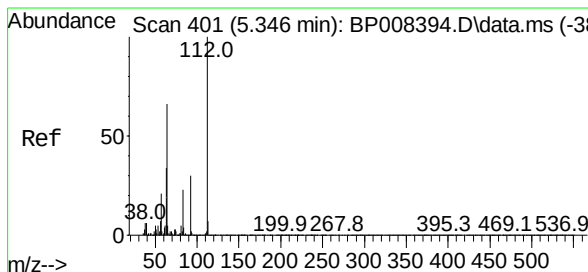
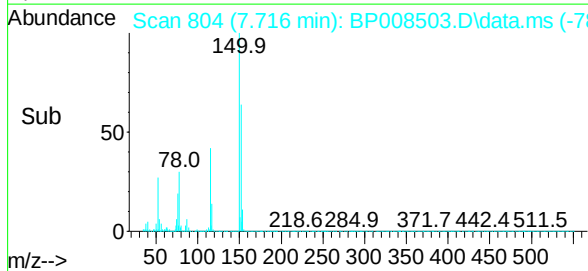
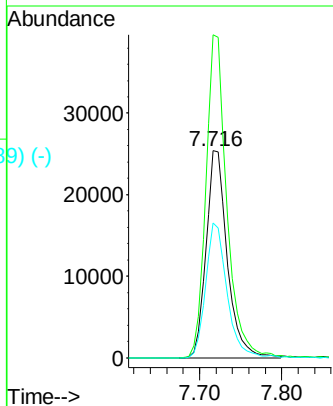
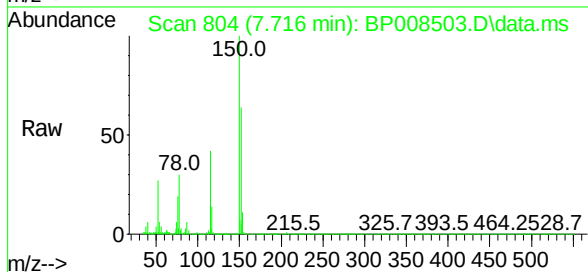




1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.716 min Scan# 804  
 Delta R.T. -0.012 min  
 Lab File: BP008503.D  
 Acq: 18 Dec 2021 23:11

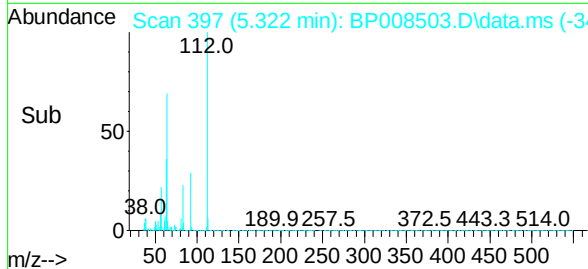
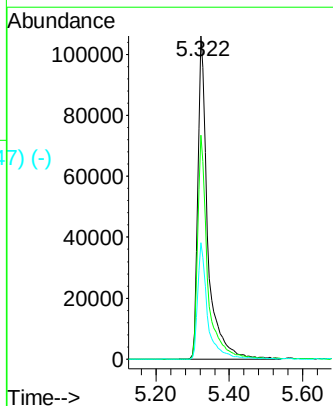
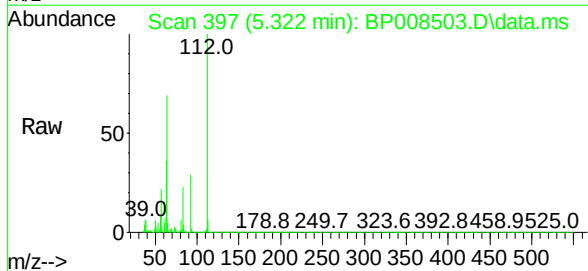
Instrument :  
 BNA\_P  
 ClientSampleId :  
 EB-2021-12-15

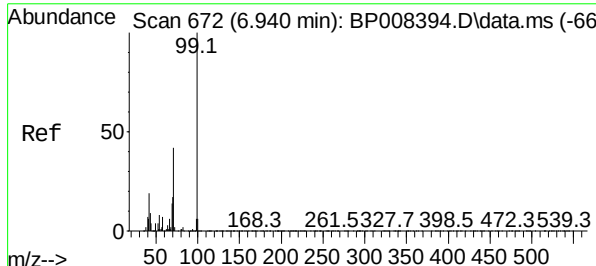
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 45478 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 156.0 | 125.7 | 188.5 |
| 115      | 65.2  | 50.7  | 76.1  |



2-Fluorophenol  
 Concen: 69.794 ng  
 RT: 5.322 min Scan# 397  
 Delta R.T. -0.006 min  
 Lab File: BP008503.D  
 Acq: 18 Dec 2021 23:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 200988 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 69.3  | 53.4  | 80.2   |
| 63       | 36.1  | 27.8  | 41.8   |





Phenol-d6

Concen: 39.696 ng

RT: 6.928 min Scan#

Delta R.T. 0.000 min

Lab File: BP008503.D

Acq: 18 Dec 2021 23:11

Instrument :

BNA\_P

ClientSampleId :

EB-2021-12-15

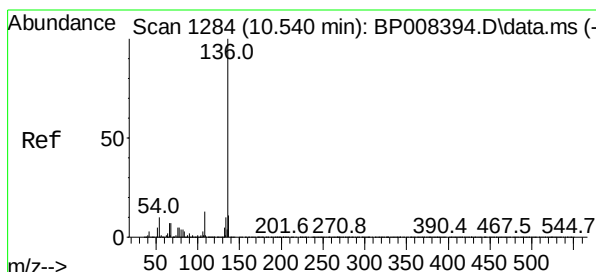
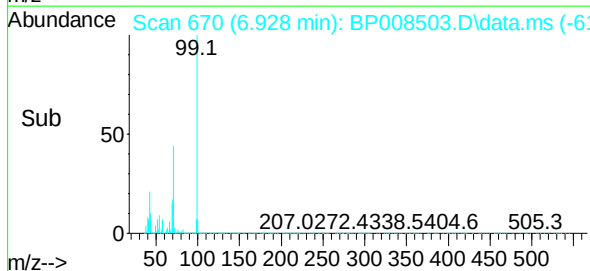
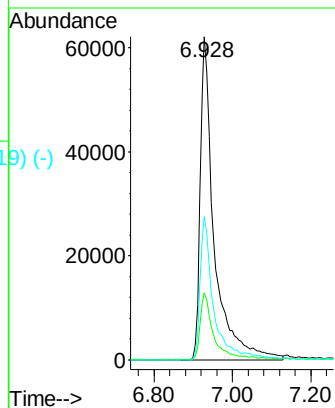
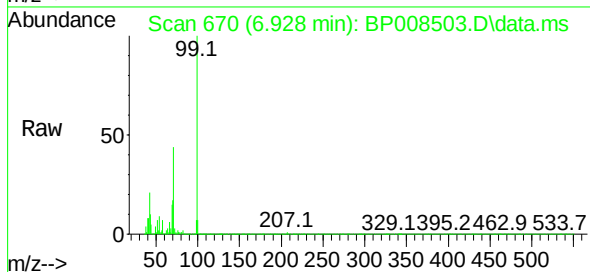
Tgt Ion: 99 Resp: 153532

Ion Ratio Lower Upper

99 100

42 20.8 14.6 22.0

71 44.3 31.1 46.7



Naphthalene-d8

Concen: 20.000 ng

RT: 10.516 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BP008503.D

Acq: 18 Dec 2021 23:11

Tgt Ion: 136 Resp: 166962

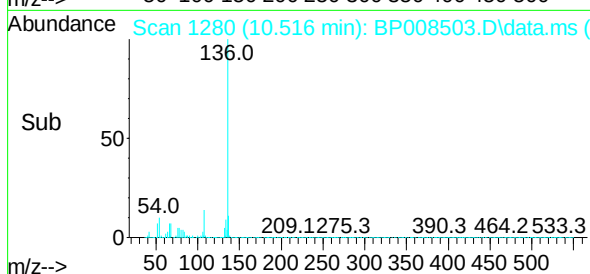
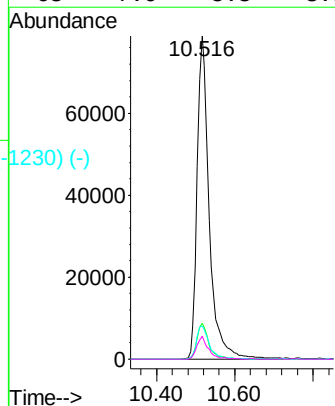
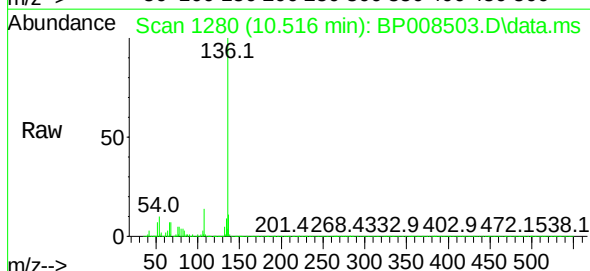
Ion Ratio Lower Upper

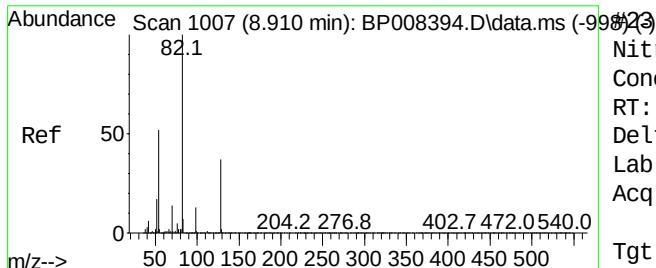
136 100

137 11.0 9.0 13.6

54 10.2 8.2 12.4

68 7.0 5.8 8.8





Nitrobenzene-d5

Concen: 93.317 ng

RT: 8.887 min Scan#

Delta R.T. -0.012 min

Lab File: BP008503.D

Acq: 18 Dec 2021 23:11

Instrument :

BNA\_P

ClientSampleId :

EB-2021-12-15

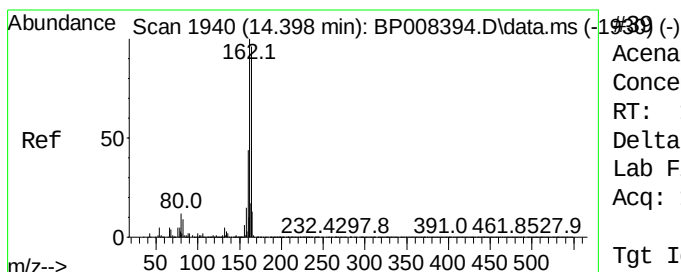
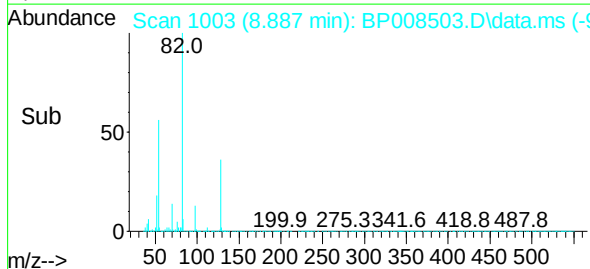
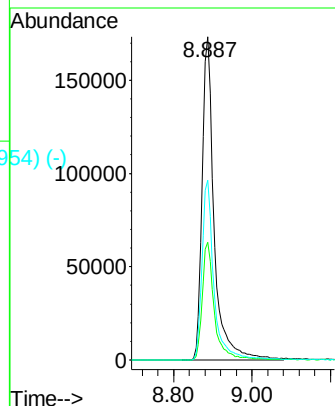
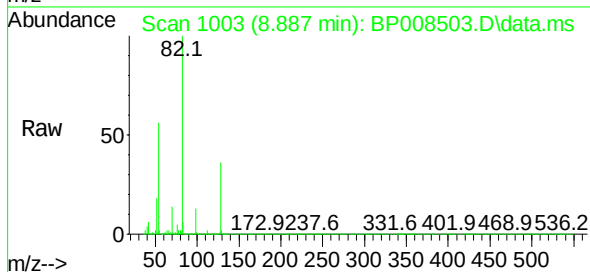
Tgt Ion: 82 Resp: 367768

Ion Ratio Lower Upper

82 100

128 36.5 29.6 44.4

54 55.7 42.7 64.1



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.381 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BP008503.D

Acq: 18 Dec 2021 23:11

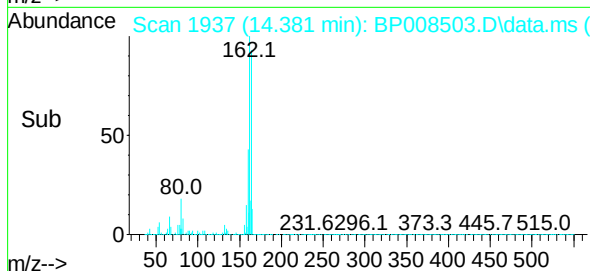
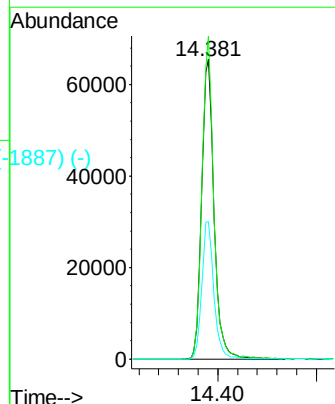
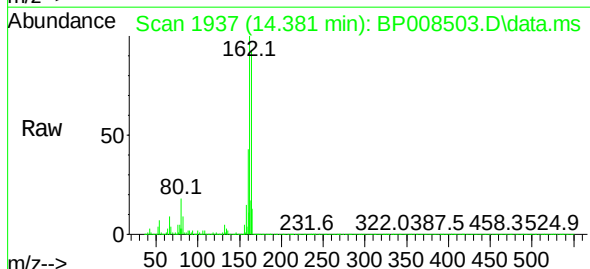
Tgt Ion:164 Resp: 113217

Ion Ratio Lower Upper

164 100

162 107.7 81.9 122.9

160 45.8 35.4 53.0



Abundance Scan 2196 (15.904 min): BP008394.D\data.ms (-2143) (-)

2,4,6-Tribromophenol

Concen: 149.153 ng

RT: 15.887 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008503.D

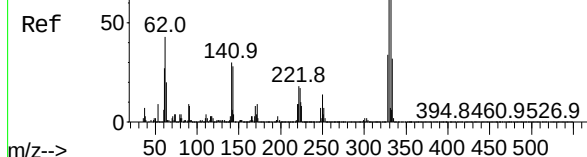
Acq: 18 Dec 2021 23:11

Instrument :

BNA\_P

ClientSampleId :

EB-2021-12-15



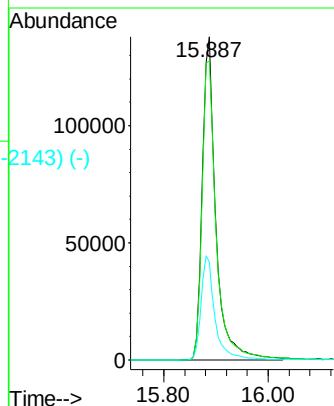
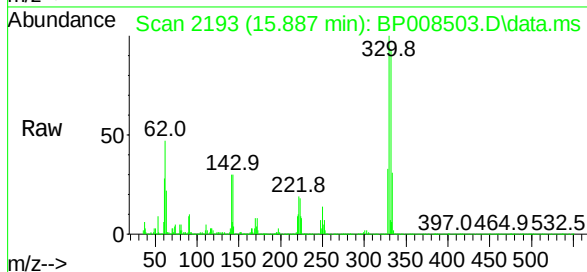
Tgt Ion:330 Resp: 248162

Ion Ratio Lower Upper

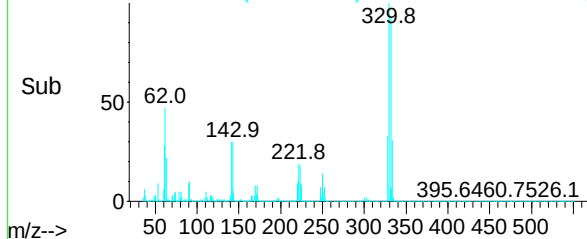
330 100

332 97.5 77.0 115.4

141 32.8 28.4 42.6



Abundance Scan 2193 (15.887 min): BP008503.D\data.ms (-2143) (-)



Abundance Scan 1705 (13.016 min): BP008394.D\data.ms (-1652) (-)

2-Fluorobiphenyl

Concen: 87.086 ng

RT: 12.993 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP008503.D

Acq: 18 Dec 2021 23:11

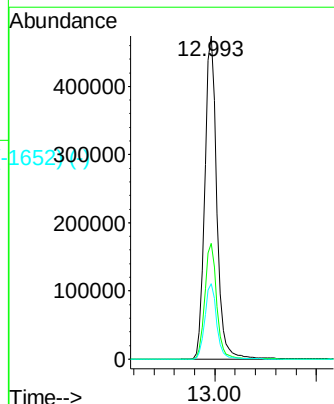
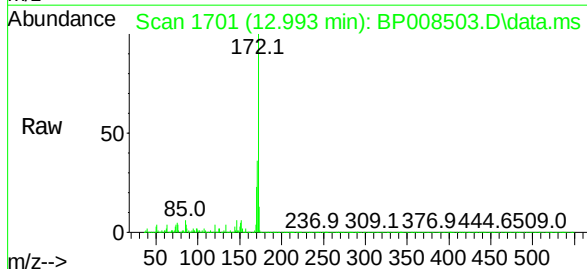
Tgt Ion:172 Resp: 775617

Ion Ratio Lower Upper

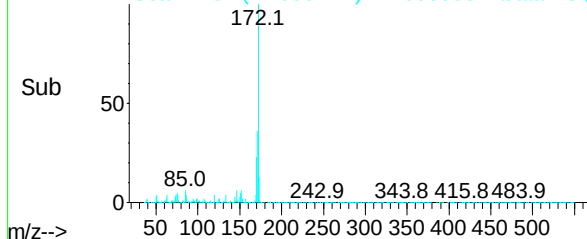
172 100

171 35.8 28.0 42.0

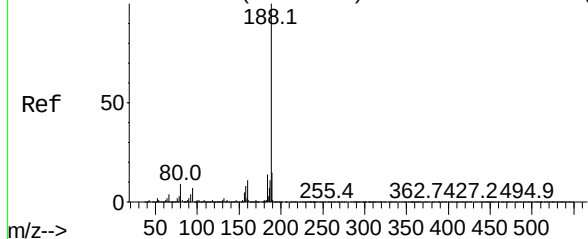
170 23.3 18.9 28.3



Abundance Scan 1701 (12.993 min): BP008503.D\data.ms (-1652) (-)



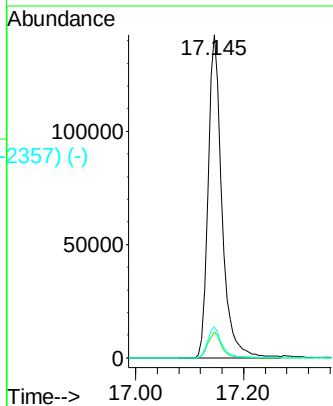
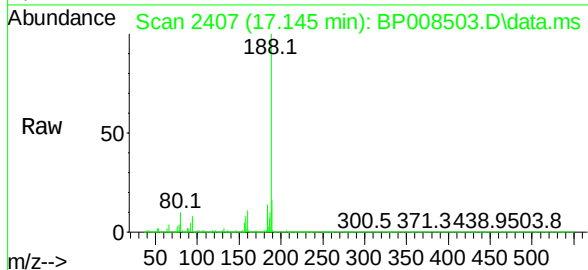
Abundance Scan 2410 (17.163 min): BP008394.D\data.ms (-2404) (-)



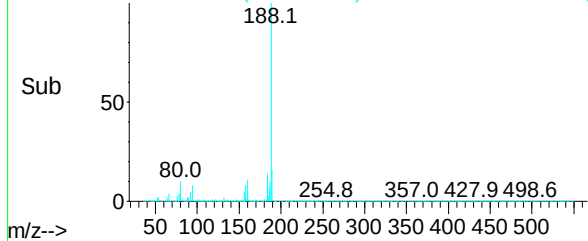
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.145 min Scan# 2404  
Delta R.T. -0.006 min  
Lab File: BP008503.D  
Acq: 18 Dec 2021 23:11

Instrument :  
BNA\_P  
ClientSampleId :  
EB-2021-12-15

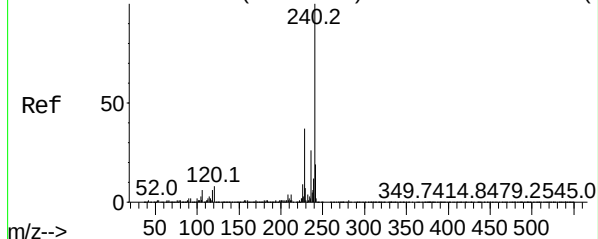
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 251557 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.1   | 7.2   | 10.8   |
| 80       | 9.8   | 8.2   | 12.4   |



Abundance Scan 2407 (17.145 min): BP008503.D\data.ms (-2357) (-)

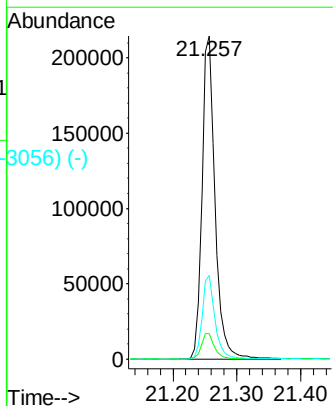
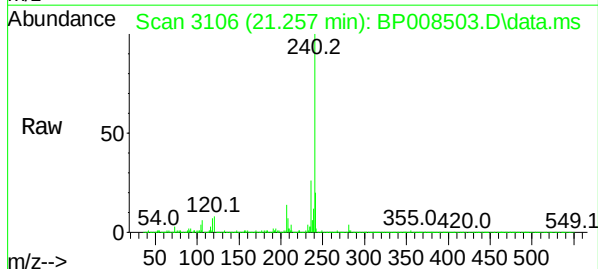


Abundance Scan 3108 (21.269 min): BP008394.D\data.ms (-3055) (-)

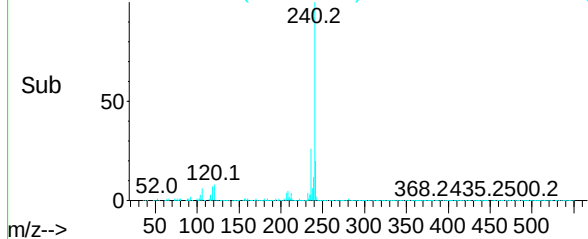


Chrysene-d12  
Concen: 20.000 ng  
RT: 21.257 min Scan# 3106  
Delta R.T. -0.006 min  
Lab File: BP008503.D  
Acq: 18 Dec 2021 23:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 305450 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 7.9   | 7.3   | 10.9   |
| 236      | 25.9  | 21.4  | 32.2   |



Abundance Scan 3106 (21.257 min): BP008503.D\data.ms (-3056) (-)



Abundance Scan 2847 (19.733 min): BP008394.D\data.ms (-2839) (-)

Terphenyl-d14

Concen: 87.392 ng

RT: 19.716 min Scan# 2844

Delta R.T. -0.012 min

Lab File: BP008503.D

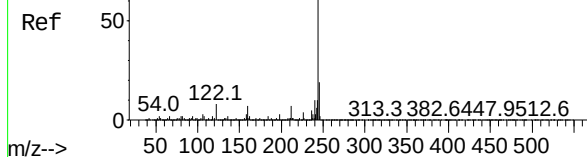
Acq: 18 Dec 2021 23:11

Instrument :

BNA\_P

ClientSampleId :

EB-2021-12-15



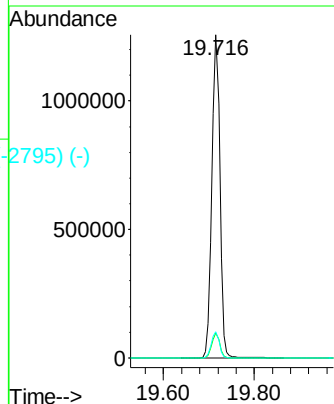
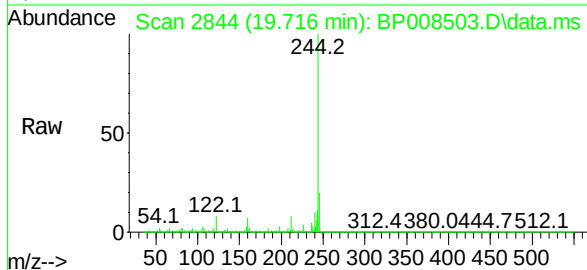
Tgt Ion:244 Resp: 1533794

Ion Ratio Lower Upper

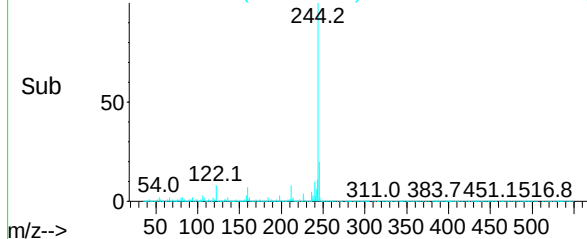
244 100

212 7.7 6.0 9.0

122 8.0 6.6 9.8



Abundance Scan 2844 (19.716 min): BP008503.D\data.ms (-2795) (-)



Abundance Scan 3511 (23.639 min): BP008394.D\data.ms (-3506) (-)

Perylene-d12

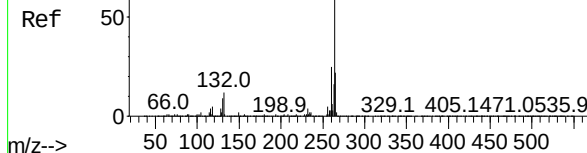
Concen: 20.000 ng

RT: 23.616 min Scan# 3507

Delta R.T. -0.018 min

Lab File: BP008503.D

Acq: 18 Dec 2021 23:11



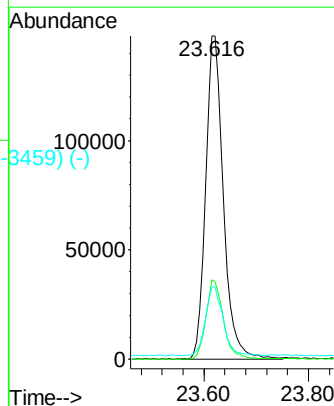
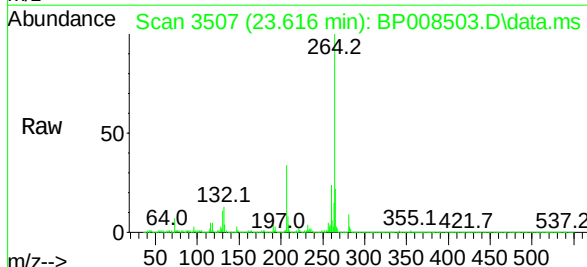
Tgt Ion:264 Resp: 347789

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 22.3 17.6 26.4



Abundance Scan 3507 (23.616 min): BP008503.D\data.ms (-3459) (-)

