

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021722\  
 Data File : BP009193.D  
 Acq On : 17 Feb 2022 13:51  
 Operator : CG/JU  
 Sample : PB142728BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB142728BL

Quant Time: Feb 18 01:50:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 16 14:30:24 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.775  | 152  | 223046   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.581 | 136  | 801634   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.428 | 164  | 515079   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.187 | 188  | 949784   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.286 | 240  | 778239   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.674 | 264  | 847114   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 1630408  | 130.392 | ng    | 0.00     |
| 7) Phenol-d6                | 6.975  | 99   | 1989528  | 120.753 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.940  | 82   | 1230534  | 86.566  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.928 | 330  | 889380   | 129.322 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.046 | 172  | 3310083  | 89.962  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.745 | 244  | 3868514  | 89.392  | ng    | 0.00     |

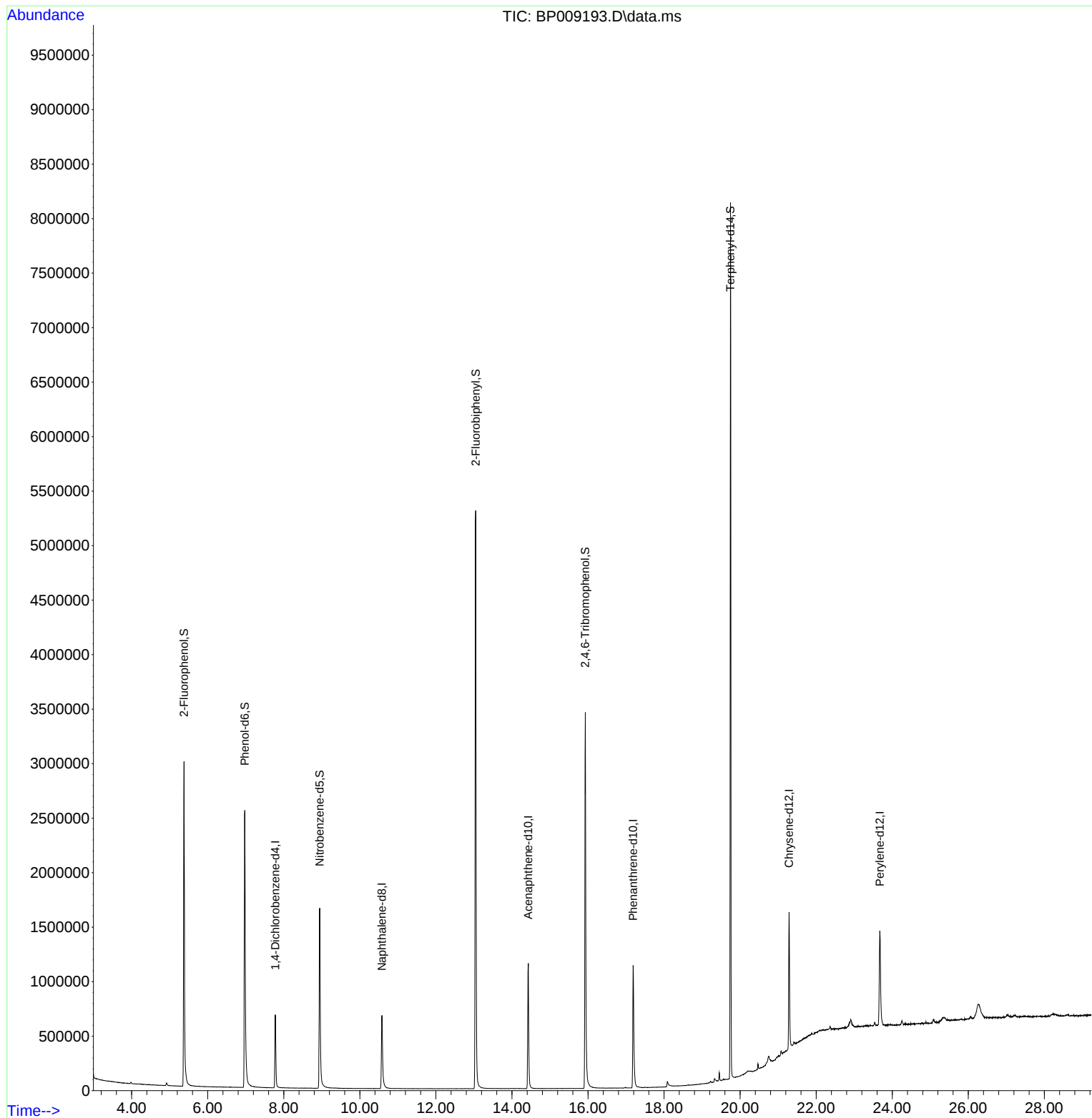
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

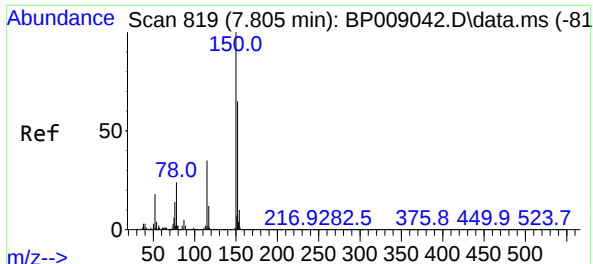
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 16 14:30:24 2022  
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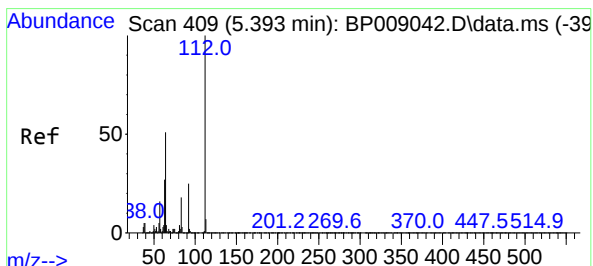
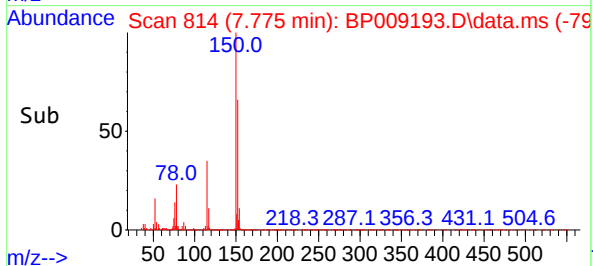
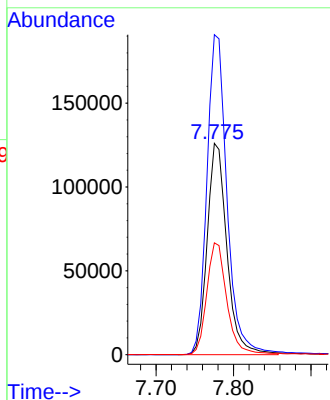
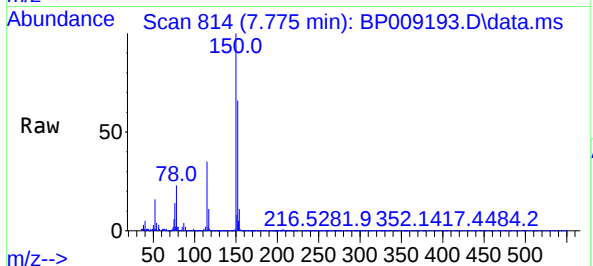




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.775 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP009193.D  
Acq: 17 Feb 2022 13:51

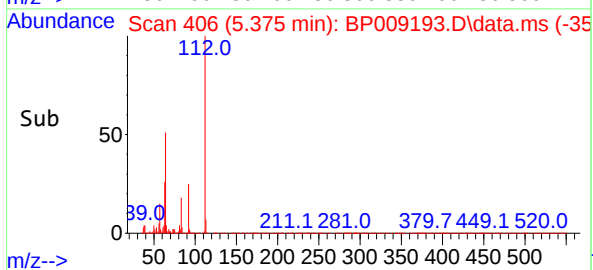
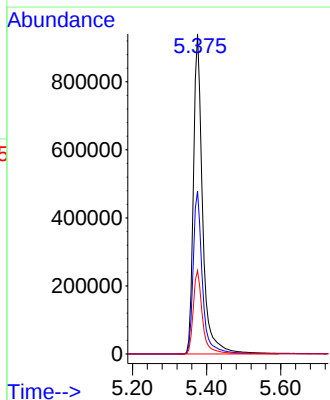
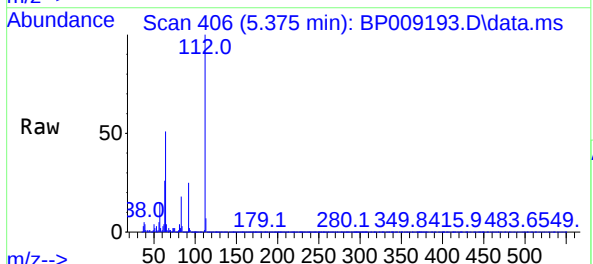
Instrument :  
BNA\_P  
ClientSampleId :  
PB142728BL

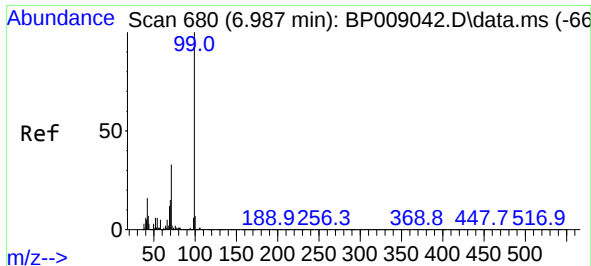
Tgt Ion:152 Resp: 223046  
Ion Ratio Lower Upper  
152 100  
150 151.4 127.0 190.6  
115 52.9 43.7 65.5



#5  
2-Fluorophenol  
Concen: 130.392 ng  
RT: 5.375 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: BP009193.D  
Acq: 17 Feb 2022 13:51

Tgt Ion:112 Resp: 1630408  
Ion Ratio Lower Upper  
112 100  
64 50.9 39.7 59.5  
63 26.1 20.0 30.0



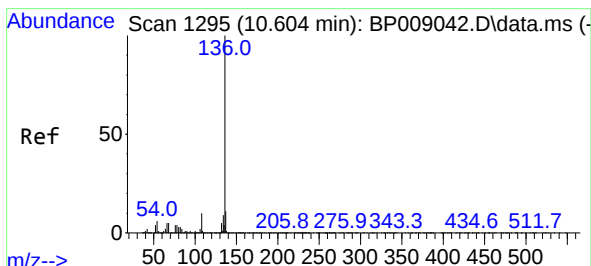
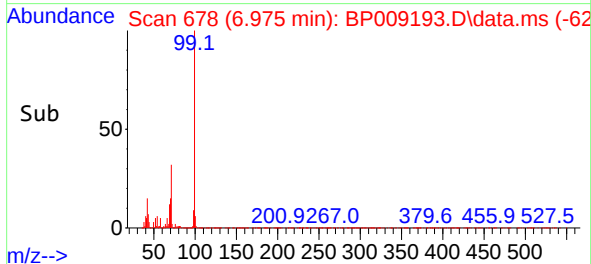
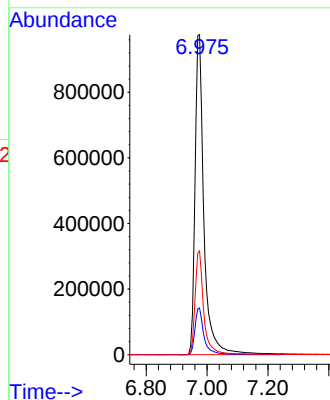
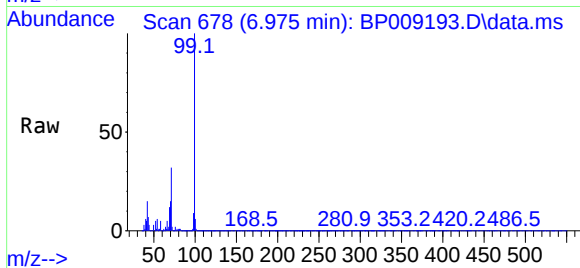


#7  
Phenol-d6  
Concen: 120.753 ng  
RT: 6.975 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP009193.D  
Acq: 17 Feb 2022 13:51

Instrument :  
BNA\_P  
ClientSampleId :  
PB142728BL

Tgt Ion: 99 Resp: 1989528

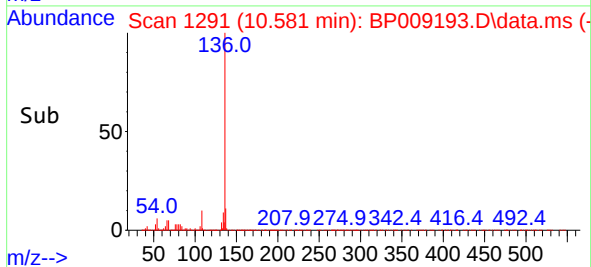
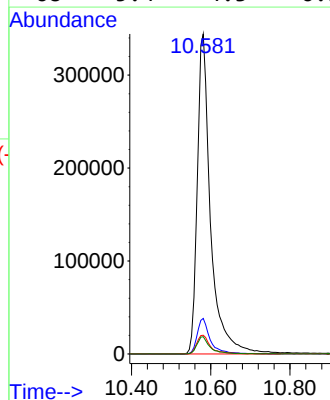
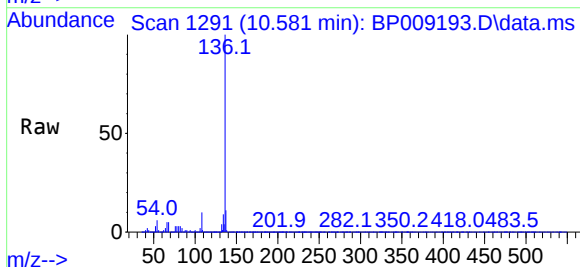
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.6  | 10.8  | 16.2  |
| 71  | 32.5  | 23.8  | 35.6  |

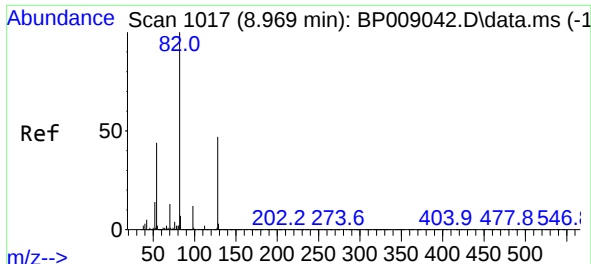


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.581 min Scan# 1291  
Delta R.T. 0.000 min  
Lab File: BP009193.D  
Acq: 17 Feb 2022 13:51

Tgt Ion: 136 Resp: 801634

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 9.0   | 13.4  |
| 54  | 5.8   | 4.9   | 7.3   |
| 68  | 5.4   | 4.3   | 6.5   |





#23

Nitrobenzene-d5

Concen: 86.566 ng

RT: 8.940 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BP009193.D

Acq: 17 Feb 2022 13:51

Instrument :

BNA\_P

ClientSampleId :

PB142728BL

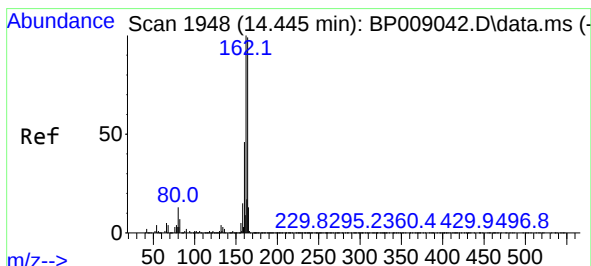
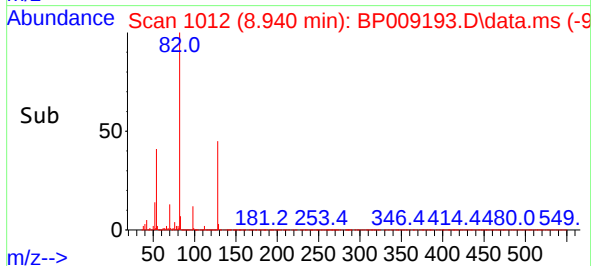
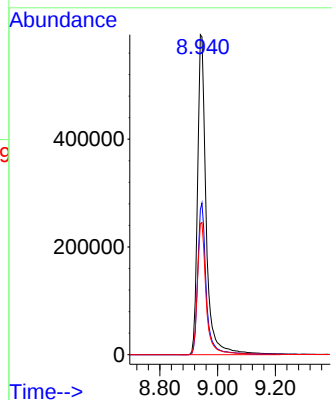
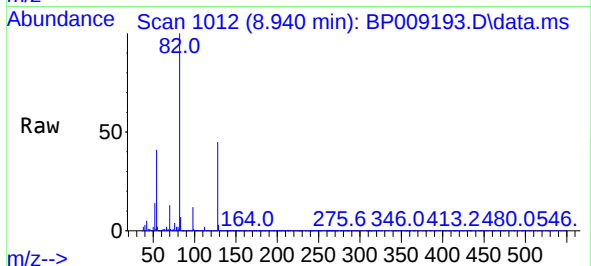
Tgt Ion: 82 Resp: 1230534

Ion Ratio Lower Upper

82 100

128 45.4 39.4 59.2

54 41.0 32.6 48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.428 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP009193.D

Acq: 17 Feb 2022 13:51

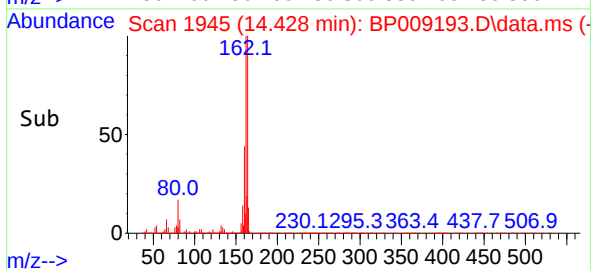
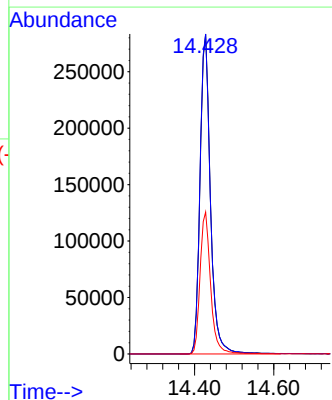
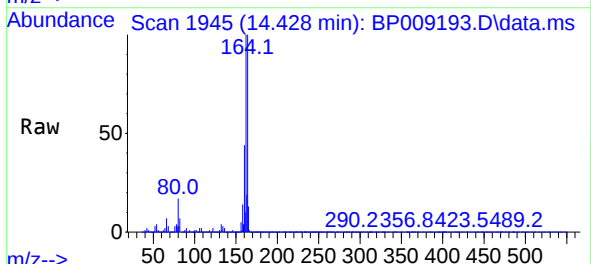
Tgt Ion:164 Resp: 515079

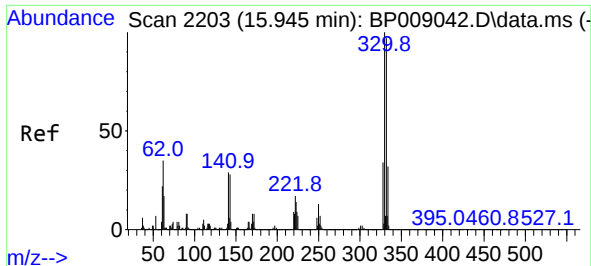
Ion Ratio Lower Upper

164 100

162 100.2 79.9 119.9

160 44.4 35.5 53.3

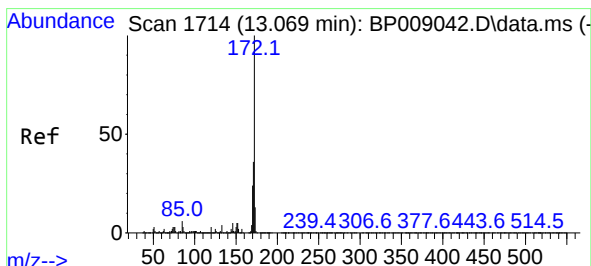
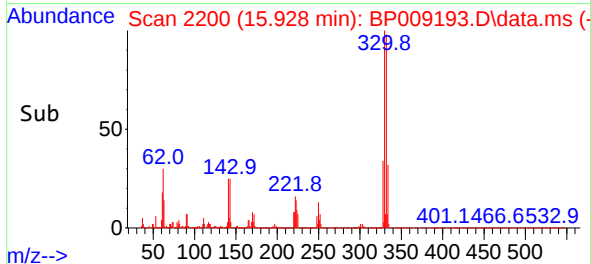
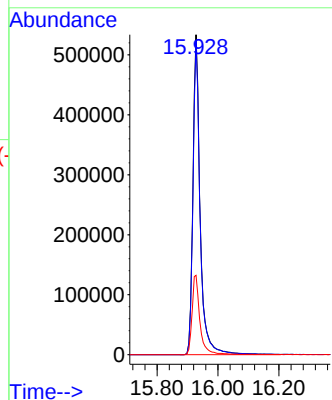
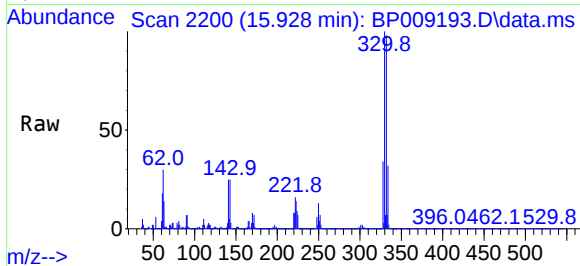




#42  
2,4,6-Tribromophenol  
Concen: 129.322 ng  
RT: 15.928 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009193.D  
Acq: 17 Feb 2022 13:51

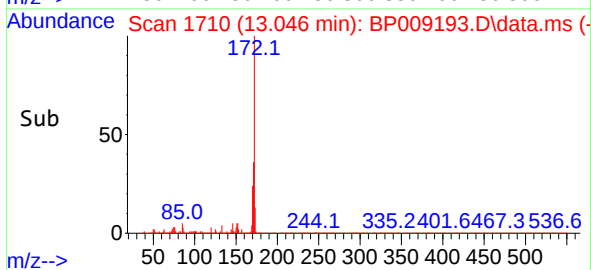
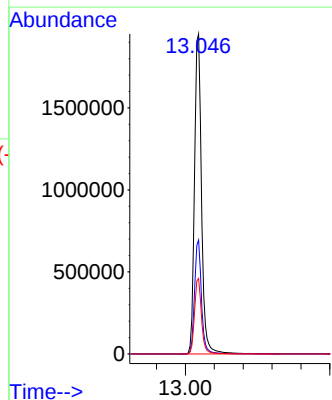
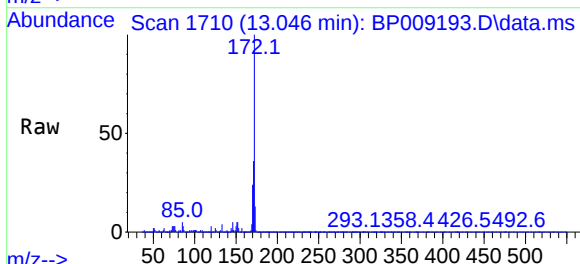
Instrument :  
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ClientSampleId :  
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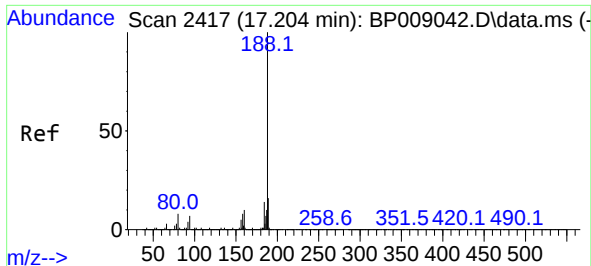
Tgt Ion:330 Resp: 889380  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.0 115.4  
141 26.6 21.3 31.9



#45  
2-Fluorobiphenyl  
Concen: 89.962 ng  
RT: 13.046 min Scan# 1710  
Delta R.T. -0.006 min  
Lab File: BP009193.D  
Acq: 17 Feb 2022 13:51

Tgt Ion:172 Resp: 3310083  
Ion Ratio Lower Upper  
172 100  
171 35.6 29.3 43.9  
170 23.6 19.5 29.3

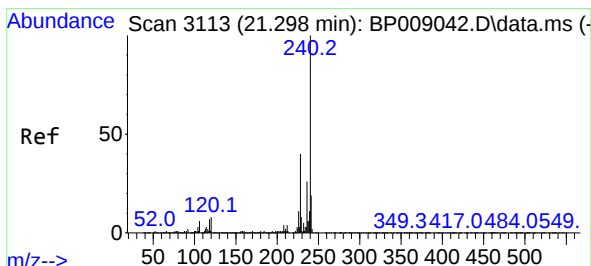
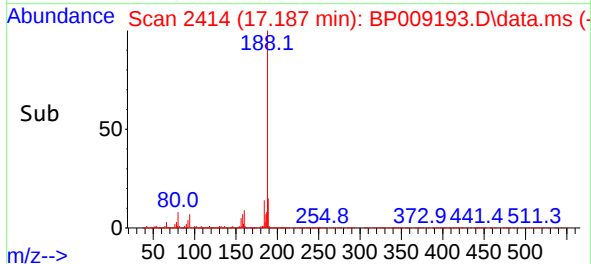
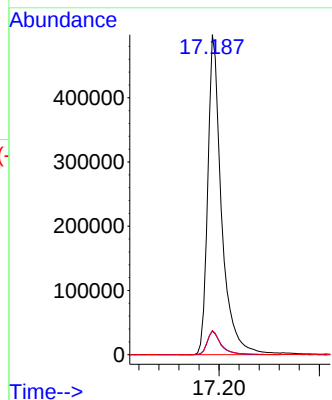
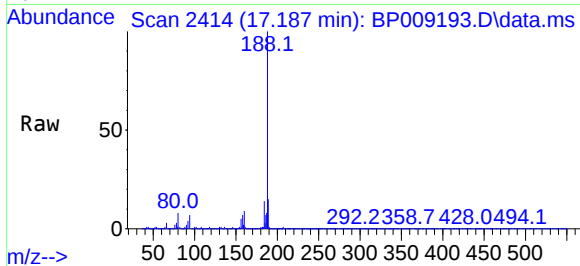




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.187 min Scan# 2417  
Delta R.T. 0.000 min  
Lab File: BP009193.D  
Acq: 17 Feb 2022 13:51

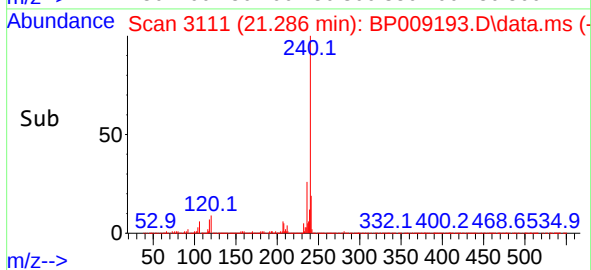
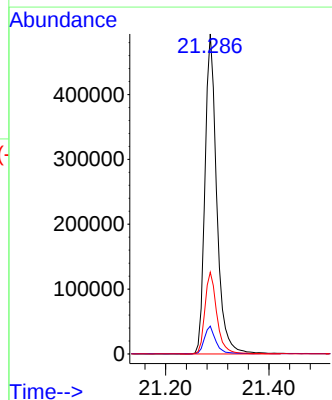
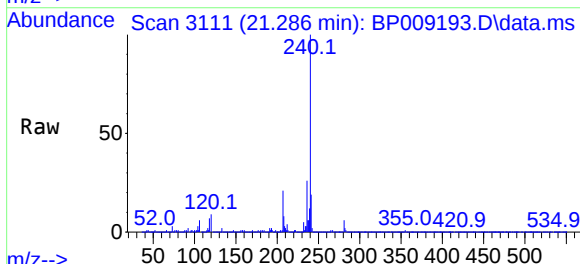
Instrument :  
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ClientSampleId :  
PB142728BL

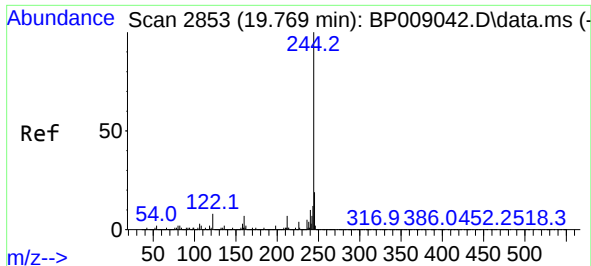
Tgt Ion:188 Resp: 949784  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.8 10.2  
80 7.5 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.286 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: BP009193.D  
Acq: 17 Feb 2022 13:51

Tgt Ion:240 Resp: 778239  
Ion Ratio Lower Upper  
240 100  
120 8.7 7.7 11.5  
236 25.5 21.2 31.8

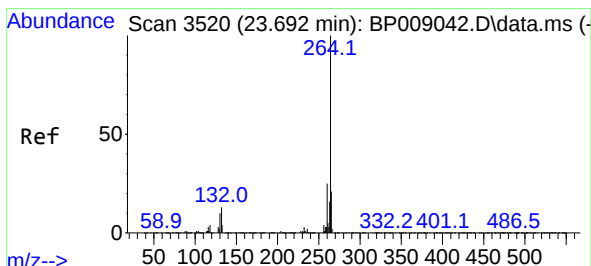
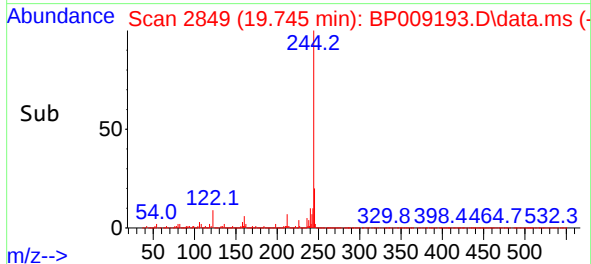
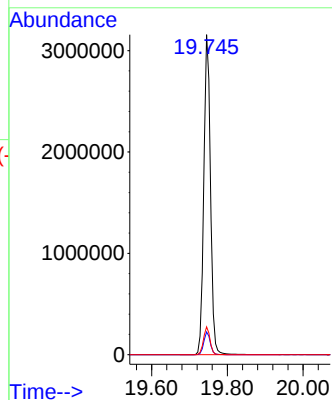
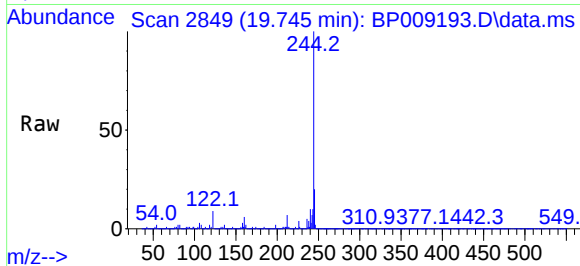




#79  
 Terphenyl-d14  
 Concen: 89.392 ng  
 RT: 19.745 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP009193.D  
 Acq: 17 Feb 2022 13:51

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB142728BL

Tgt Ion:244 Resp: 3868514  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.5 9.7  
 122 8.7 9.2 13.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.674 min Scan# 3517  
 Delta R.T. 0.000 min  
 Lab File: BP009193.D  
 Acq: 17 Feb 2022 13:51

Tgt Ion:264 Resp: 847114  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 19.1 28.7  
 265 22.8 17.1 25.7

