

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111921\  
 Data File : BP008048.D  
 Acq On : 19 Nov 2021 21:24  
 Operator : CG/JU  
 Sample : PB140896BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB140896BL

Quant Time: Nov 20 01:58:50 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 20 00:21:11 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.822  | 152  | 168015   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.622 | 136  | 652201   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.463 | 164  | 450884   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.216 | 188  | 1018717  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.310 | 240  | 1054082  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.704 | 264  | 977016   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.417  | 112  | 1411783  | 143.624 | ng    | 0.00     |
| 7) Phenol-d6                | 7.005  | 99   | 1853975  | 136.065 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.987  | 82   | 1260854  | 87.701  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.957 | 330  | 737264   | 129.208 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.087 | 172  | 2569722  | 89.242  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.786 | 244  | 4258189  | 79.423  | ng    | -0.01    |

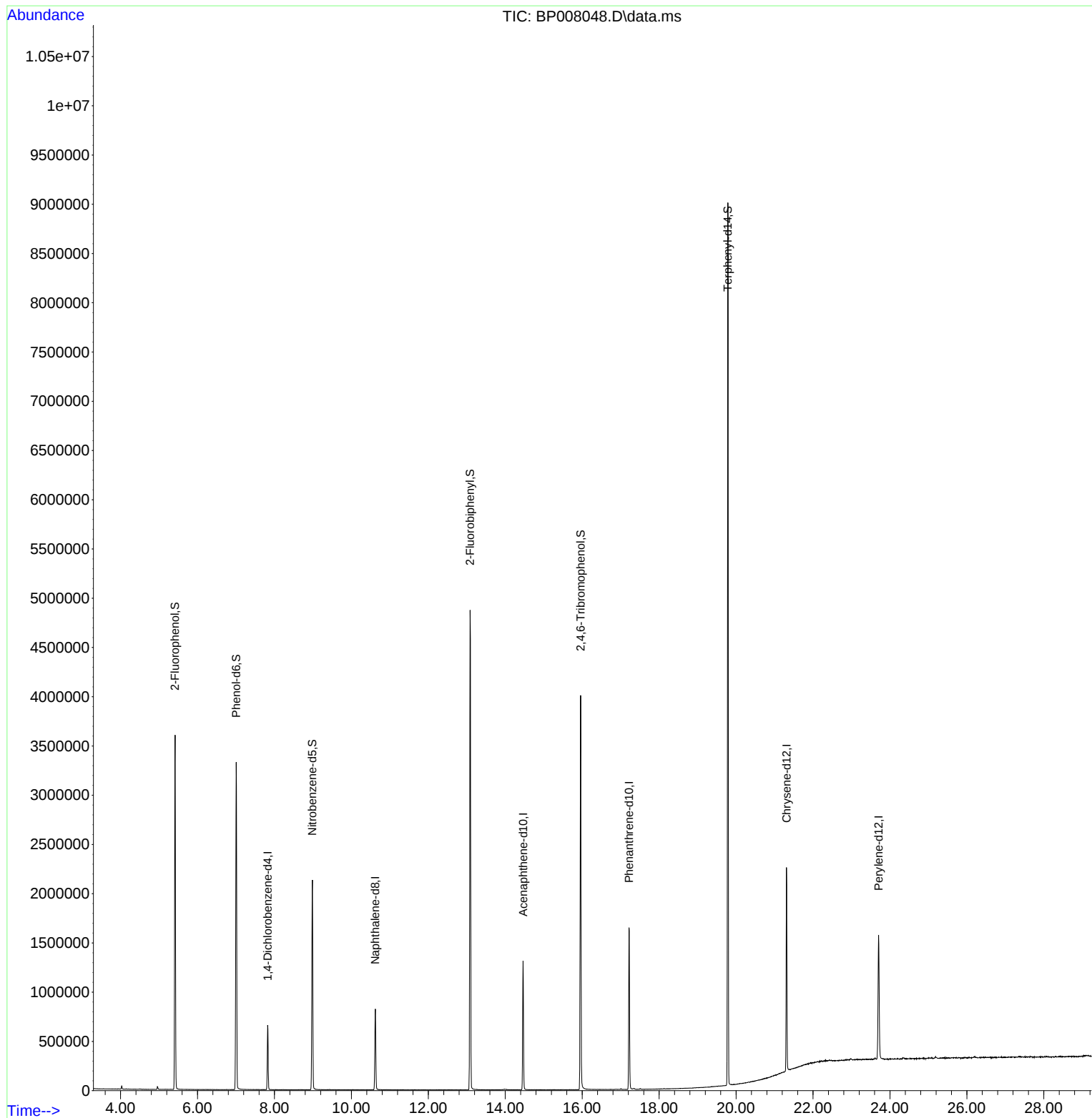
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

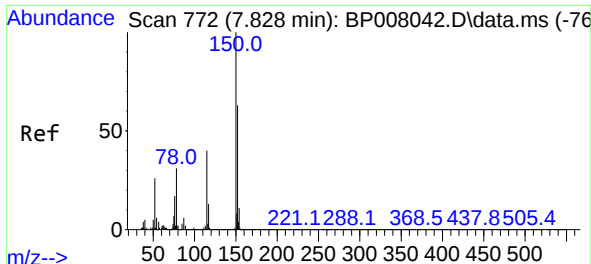
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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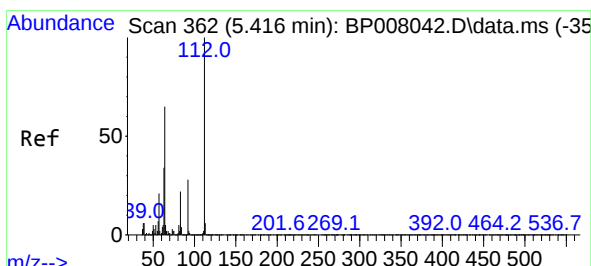
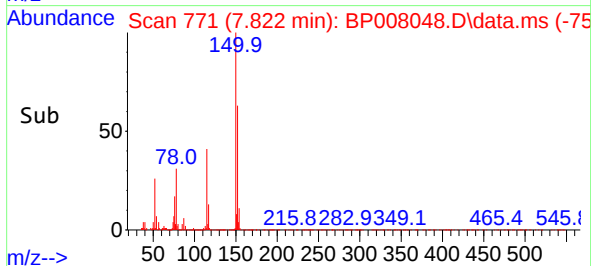
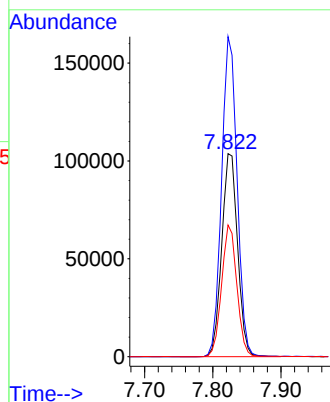
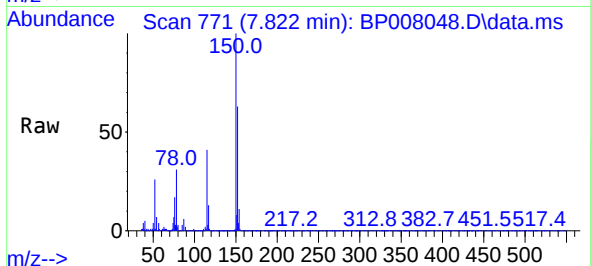




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.822 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP008048.D  
Acq: 19 Nov 2021 21:24

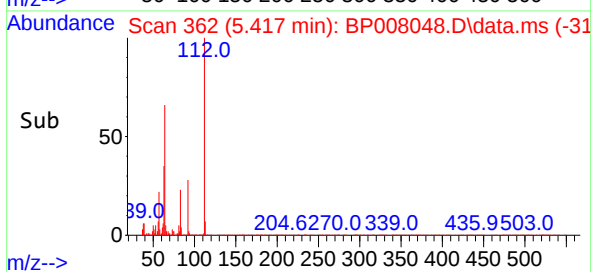
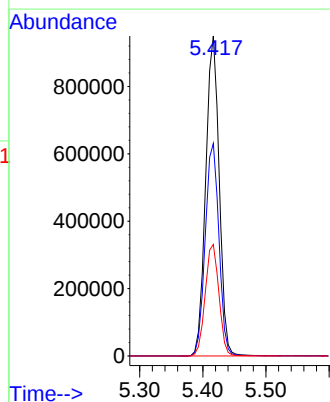
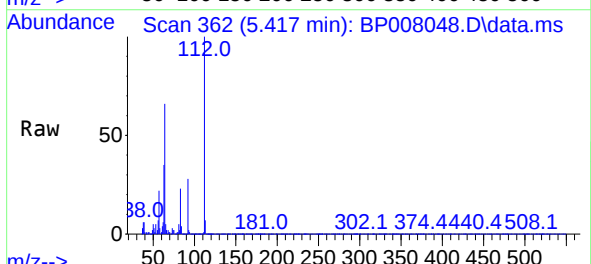
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BNA\_P  
ClientSampleId :  
PB140896BL

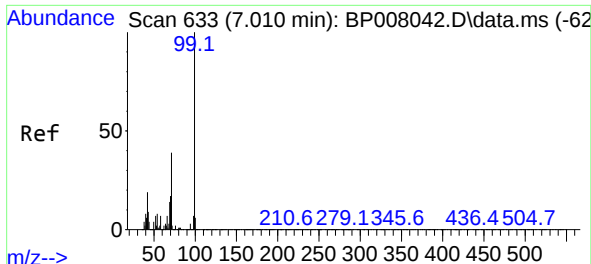
Tgt Ion:152 Resp: 168015  
Ion Ratio Lower Upper  
152 100  
150 157.5 126.5 189.7  
115 64.9 50.6 75.8



#5  
2-Fluorophenol  
Concen: 143.624 ng  
RT: 5.417 min Scan# 362  
Delta R.T. 0.001 min  
Lab File: BP008048.D  
Acq: 19 Nov 2021 21:24

Tgt Ion:112 Resp: 1411783  
Ion Ratio Lower Upper  
112 100  
64 66.4 51.7 77.5  
63 34.8 27.4 41.0



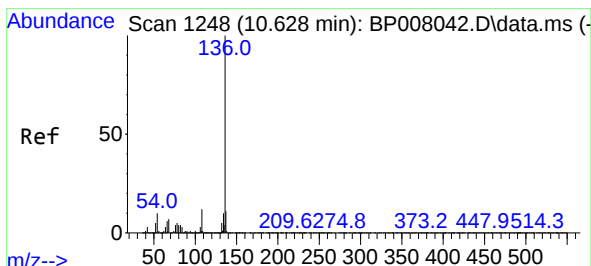
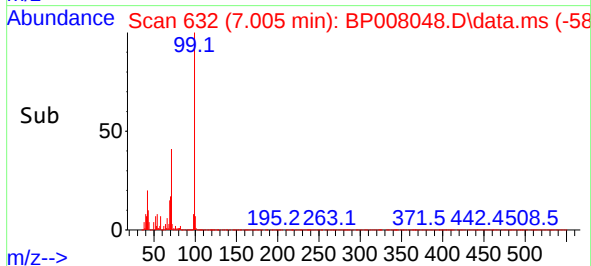
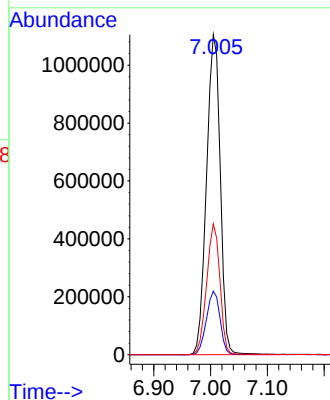
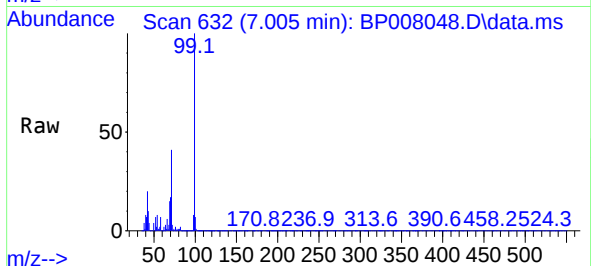


#7  
Phenol-d6  
Concen: 136.065 ng  
RT: 7.005 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BP008048.D  
Acq: 19 Nov 2021 21:24

Instrument :  
BNA\_P  
ClientSampleId :  
PB140896BL

Tgt Ion: 99 Resp: 1853975

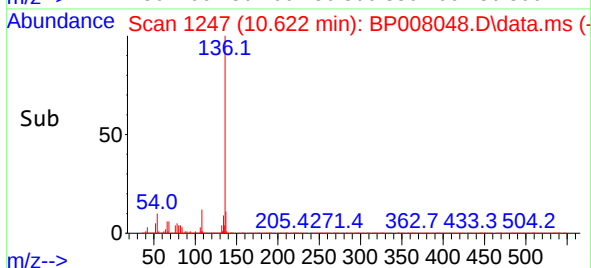
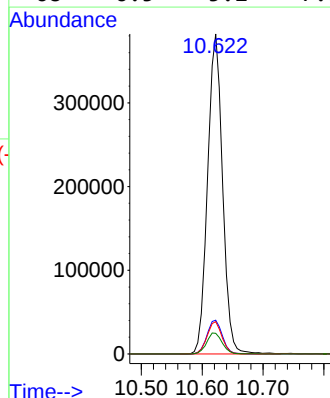
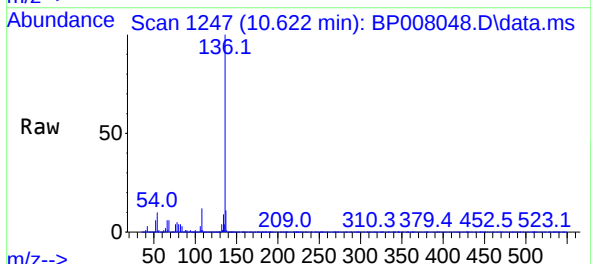
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.8  | 15.4  | 23.2  |
| 71  | 40.9  | 31.0  | 46.6  |

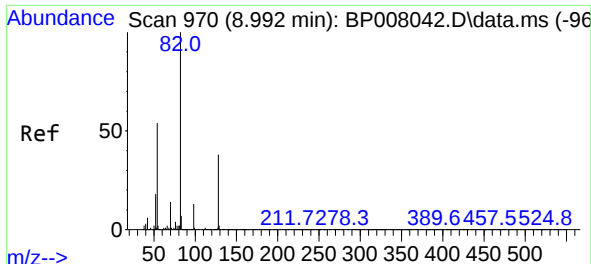


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.622 min Scan# 1247  
Delta R.T. -0.006 min  
Lab File: BP008048.D  
Acq: 19 Nov 2021 21:24

Tgt Ion: 136 Resp: 652201

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.7   | 13.1  |
| 54  | 10.1  | 8.0   | 12.0  |
| 68  | 6.5   | 5.2   | 7.8   |

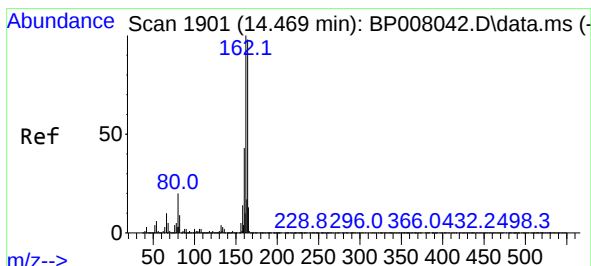
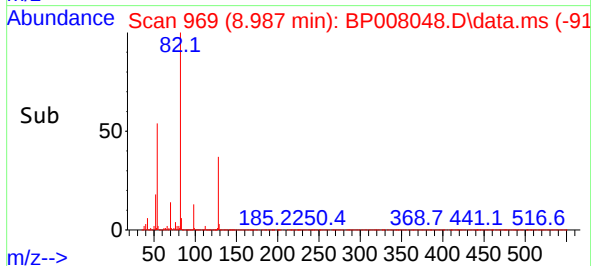
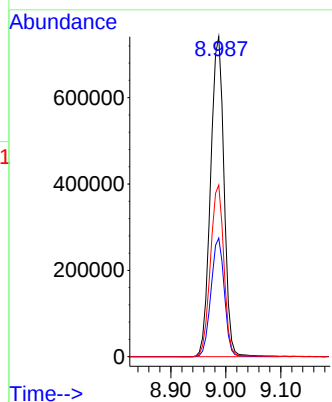
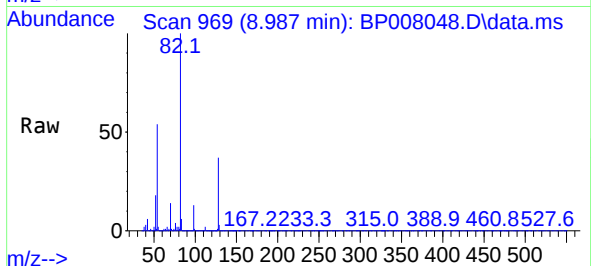




#23  
Nitrobenzene-d5  
Concen: 87.701 ng  
RT: 8.987 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BP008048.D  
Acq: 19 Nov 2021 21:24

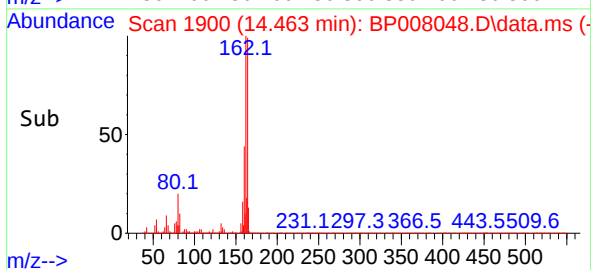
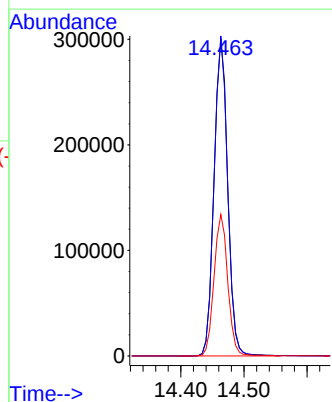
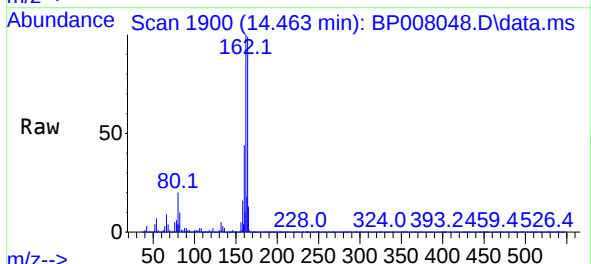
Instrument :  
BNA\_P  
ClientSampleId :  
PB140896BL

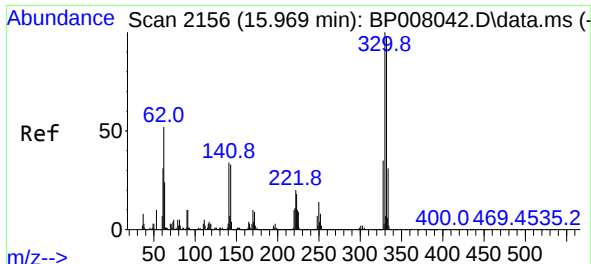
Tgt Ion: 82 Resp: 1260854  
Ion Ratio Lower Upper  
82 100  
128 37.1 30.2 45.2  
54 53.6 43.1 64.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.463 min Scan# 1900  
Delta R.T. -0.006 min  
Lab File: BP008048.D  
Acq: 19 Nov 2021 21:24

Tgt Ion: 164 Resp: 450884  
Ion Ratio Lower Upper  
164 100  
162 100.9 81.8 122.8  
160 44.6 35.1 52.7

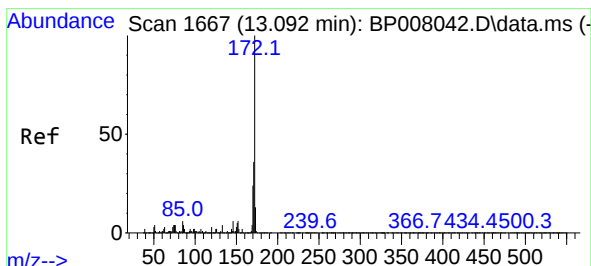
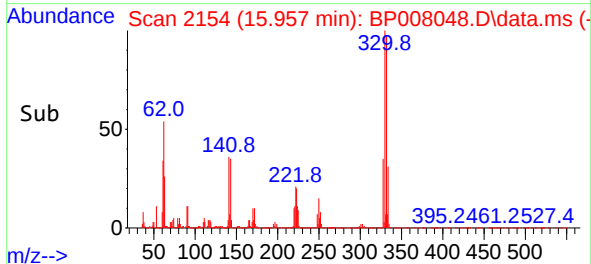
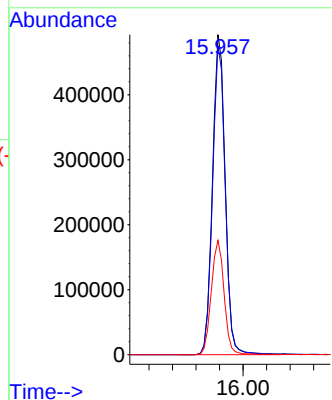
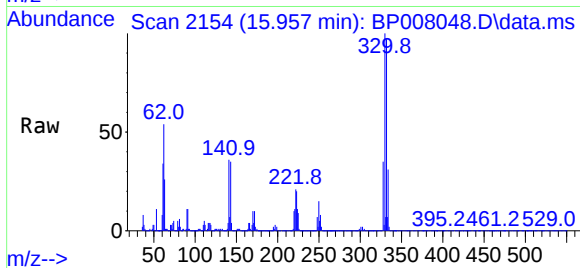




#42  
2,4,6-Tribromophenol  
Concen: 129.208 ng  
RT: 15.957 min Scan# 2156  
Delta R.T. -0.012 min  
Lab File: BP008048.D  
Acq: 19 Nov 2021 21:24

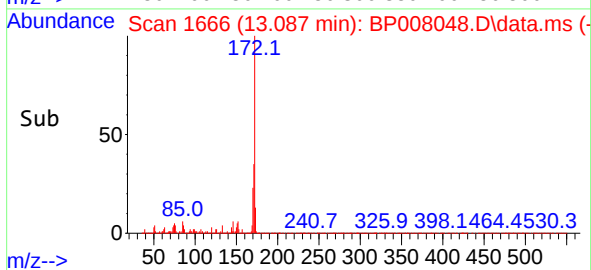
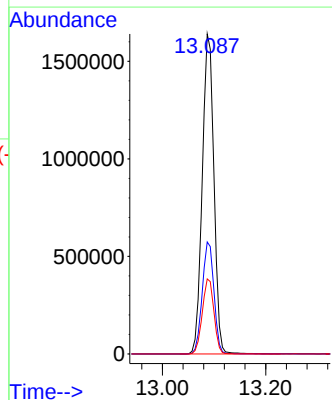
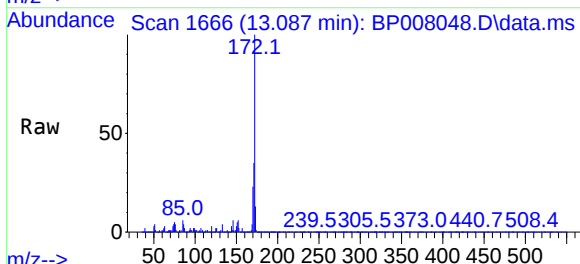
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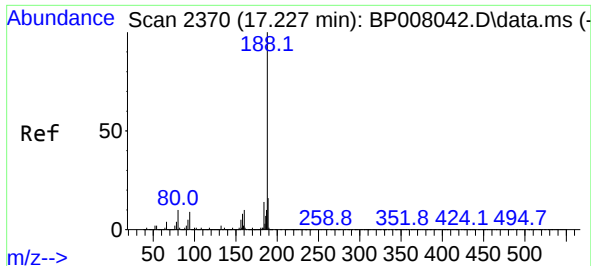
Tgt Ion:330 Resp: 737264  
Ion Ratio Lower Upper  
330 100  
332 96.5 78.0 117.0  
141 36.1 29.6 44.4



#45  
2-Fluorobiphenyl  
Concen: 89.242 ng  
RT: 13.087 min Scan# 1666  
Delta R.T. -0.005 min  
Lab File: BP008048.D  
Acq: 19 Nov 2021 21:24

Tgt Ion:172 Resp: 2569722  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.5 42.7  
170 23.5 19.0 28.4

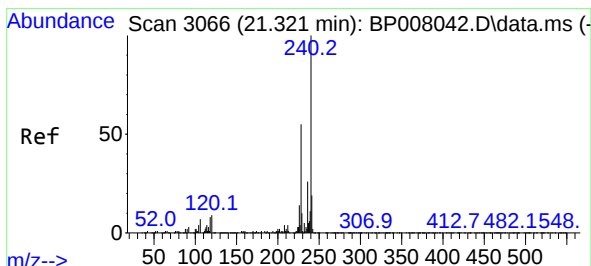
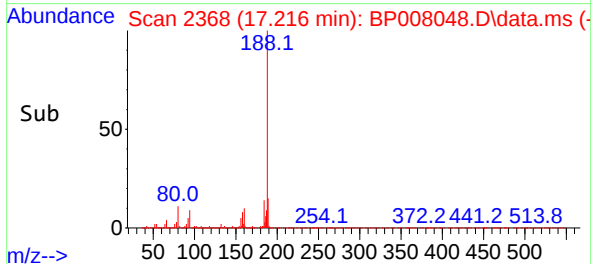
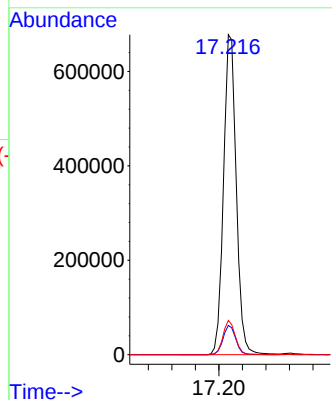
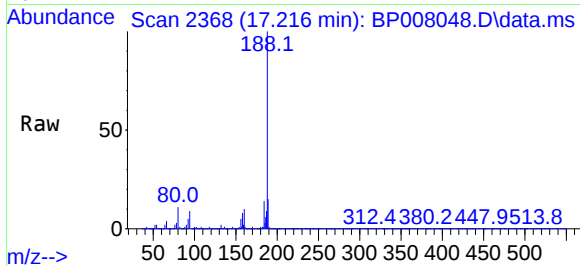




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.216 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BP008048.D  
Acq: 19 Nov 2021 21:24

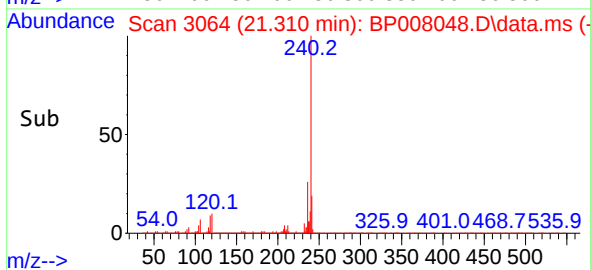
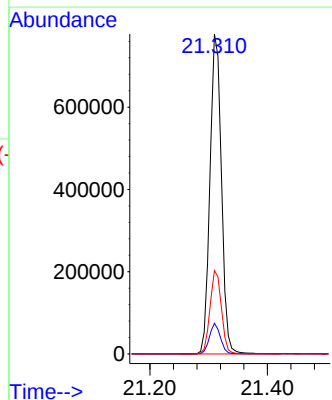
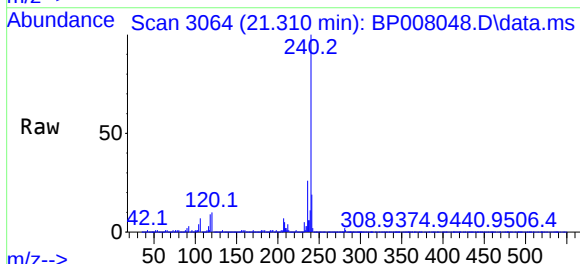
Instrument :  
BNA\_P  
ClientSampleId :  
PB140896BL

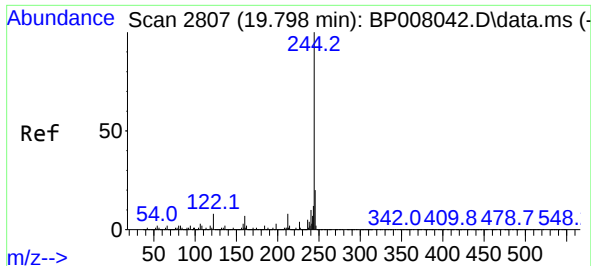
Tgt Ion:188 Resp: 1018717  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.1 10.7  
80 10.7 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.310 min Scan# 3064  
Delta R.T. -0.011 min  
Lab File: BP008048.D  
Acq: 19 Nov 2021 21:24

Tgt Ion:240 Resp: 1054082  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.4 11.2  
236 26.0 21.0 31.4



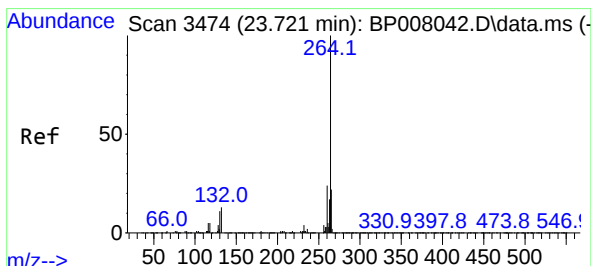
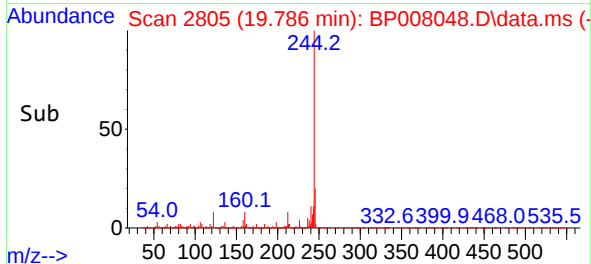
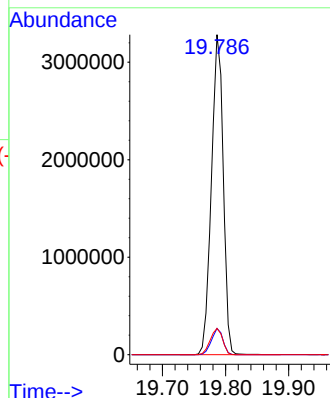
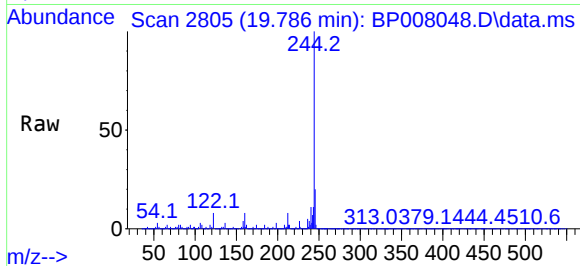


#79  
 Terphenyl-d14  
 Concen: 79.423 ng  
 RT: 19.786 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP008048.D  
 Acq: 19 Nov 2021 21:24

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB140896BL

Tgt Ion:244 Resp: 4258189

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.2   | 6.3   | 9.5   |
| 122 | 8.2   | 6.1   | 9.1   |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.704 min Scan# 3471  
 Delta R.T. -0.017 min  
 Lab File: BP008048.D  
 Acq: 19 Nov 2021 21:24

Tgt Ion:264 Resp: 977016

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 19.0  | 28.6  |
| 265 | 21.9  | 17.7  | 26.5  |

