

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
 Data File : BP008434.D  
 Acq On : 16 Dec 2021 02:50  
 Operator : CG/JU  
 Sample : M5018-69  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP9

Quant Time: Dec 16 06:48:07 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 14 17:59:47 2021  
 Response via : Initial Calibration

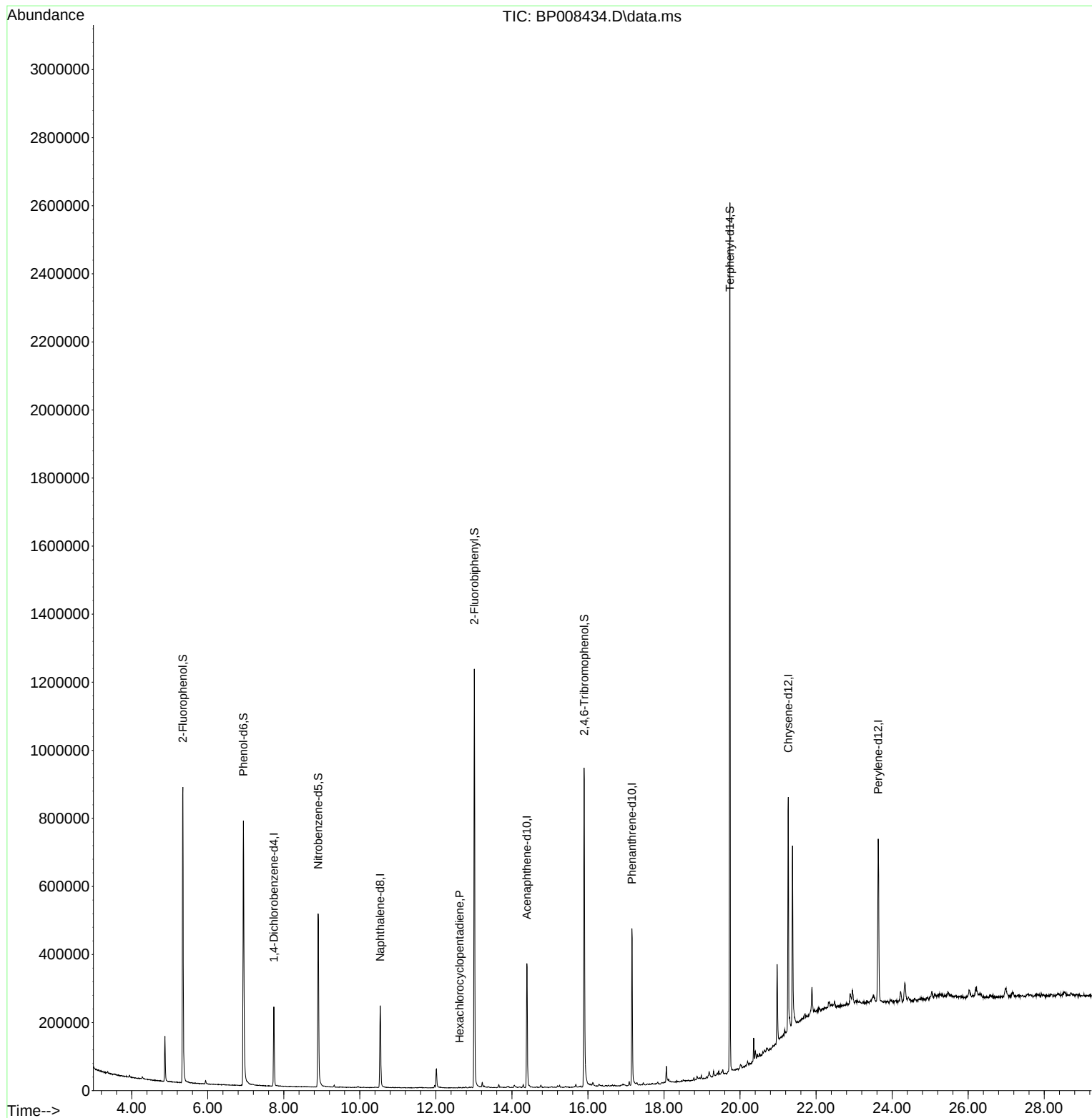
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.740  | 152  | 59154    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.534 | 136  | 204905   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.392 | 164  | 136911   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.157 | 188  | 297677   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.268 | 240  | 340653   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 23.633 | 264  | 383093   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.346  | 112  | 374892   | 100.085   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.940  | 99   | 476461   | 94.710    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.904  | 82   | 325623   | 67.324    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.904 | 330  | 212657   | 105.694   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.010 | 172  | 658765   | 61.165    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.733 | 244  | 1215663  | 62.108    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 2) 1,4-Dioxane                | 3.246  | 88   | 187      | Below Cal | #     | 1        |
| 9) Benzaldehyde               | 6.887  | 77   | 173      | Below Cal | #     | 28       |
| 41) Hexachlorocyclopentadiene | 12.622 | 237  | 8        | 8.657     | ng    | 92       |
| -----                         |        |      |          |           |       |          |

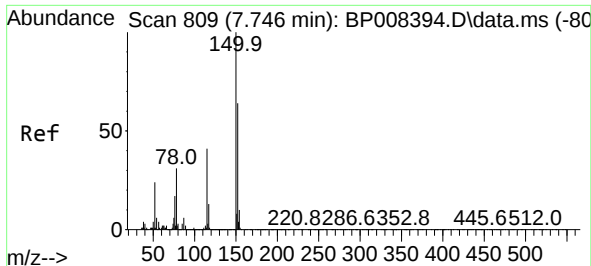
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
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Sample : M5018-69  
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ALS Vial : 25 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration

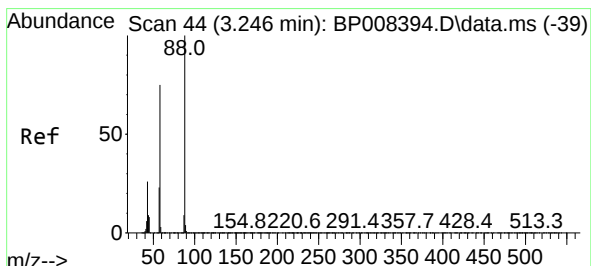
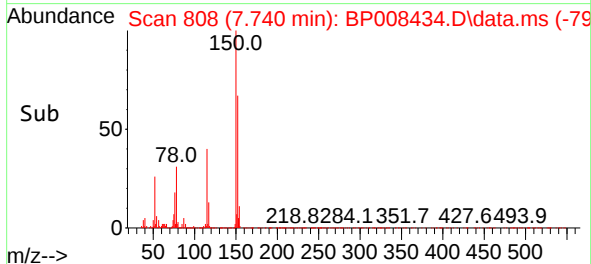
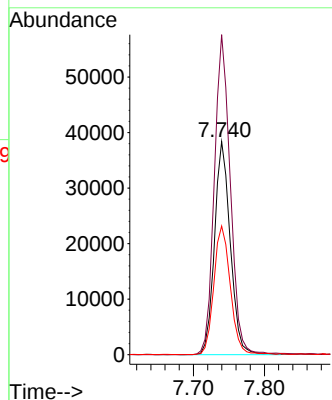
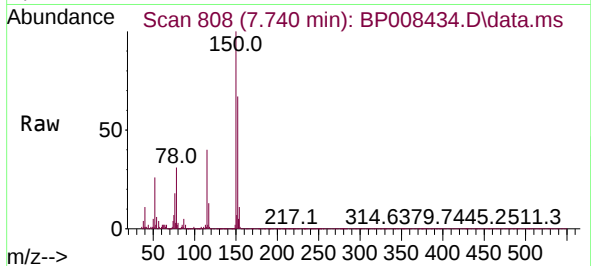




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.740 min Scan# 809  
 Delta R.T. -0.006 min  
 Lab File: BP008434.D  
 Acq: 16 Dec 2021 02:50

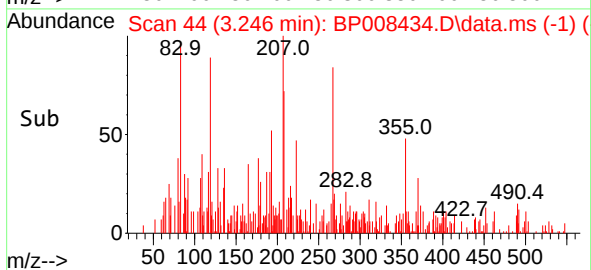
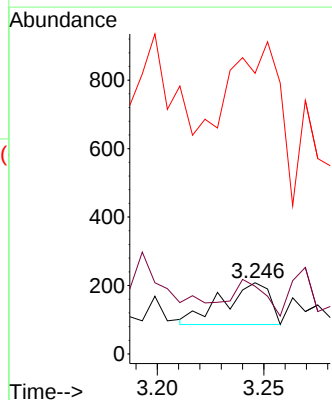
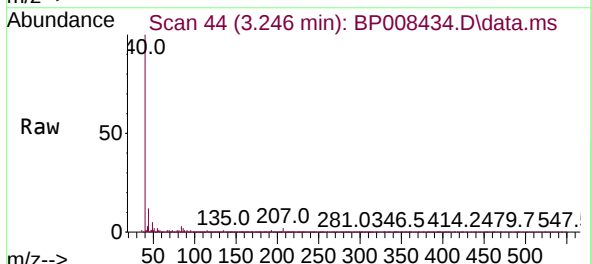
Instrument :  
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 ClientSampleId :  
 TP9

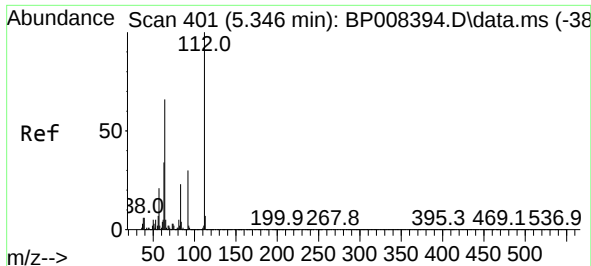
Tgt Ion:152 Resp: 59154  
 Ion Ratio Lower Upper  
 152 100  
 150 150.2 125.7 188.5  
 115 60.4 50.7 76.1



#2  
 1,4-Dioxane  
 Concen: Below Cal  
 RT: 3.246 min Scan# 44  
 Delta R.T. -0.000 min  
 Lab File: BP008434.D  
 Acq: 16 Dec 2021 02:50

Tgt Ion: 88 Resp: 187  
 Ion Ratio Lower Upper  
 88 100  
 58 55.6 63.5 95.3#  
 43 387.7 23.4 35.2#

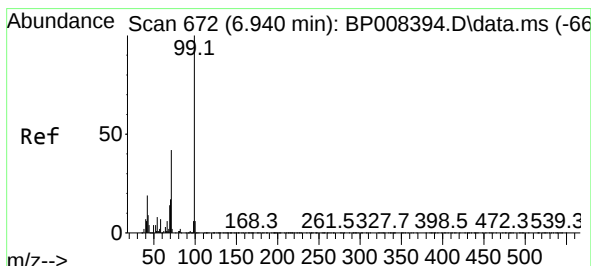
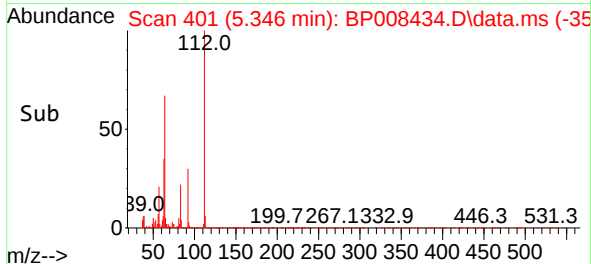
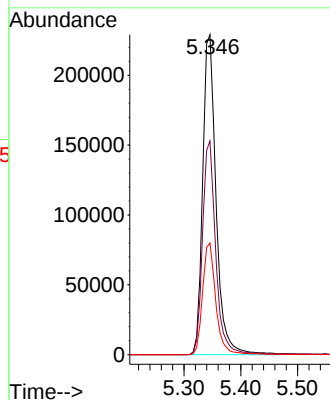
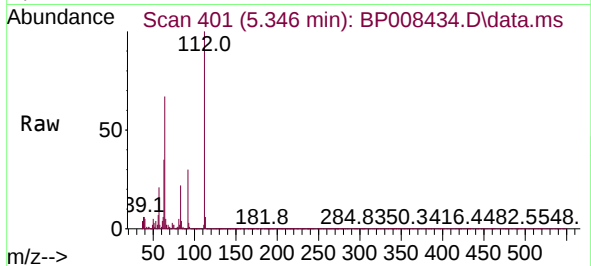




#5  
2-Fluorophenol  
Concen: 100.085 ng  
RT: 5.346 min Scan# 401  
Delta R.T. -0.000 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

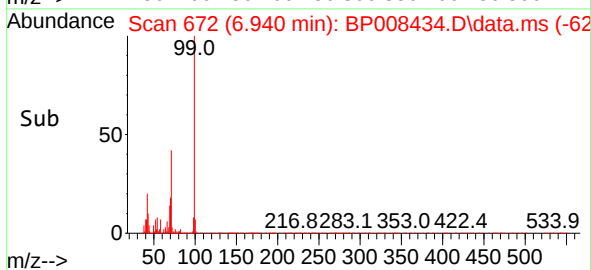
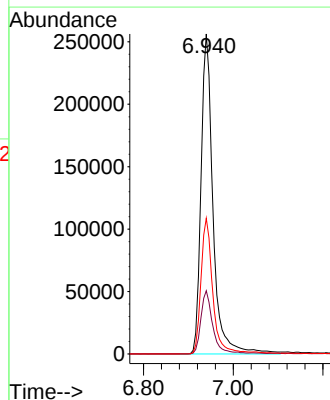
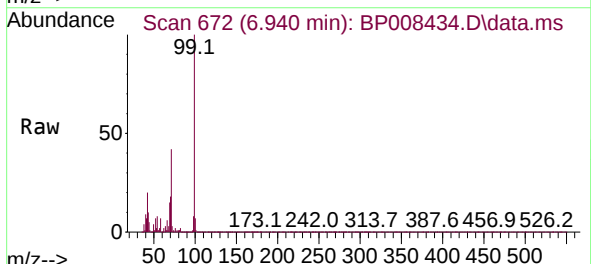
Instrument :  
BNA\_P  
ClientSampleId :  
TP9

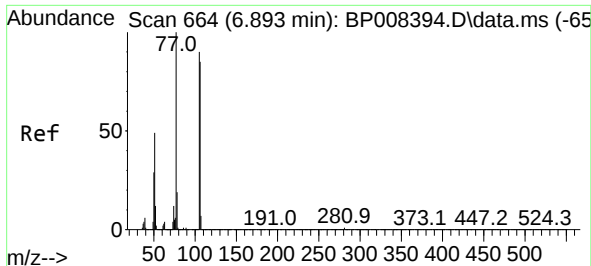
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 374892 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 66.8  | 53.4  | 80.2   |
| 63       | 34.9  | 27.8  | 41.8   |



#7  
Phenol-d6  
Concen: 94.710 ng  
RT: 6.940 min Scan# 672  
Delta R.T. -0.000 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 476461 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 19.7  | 14.6  | 22.0   |
| 71       | 42.4  | 31.1  | 46.7   |

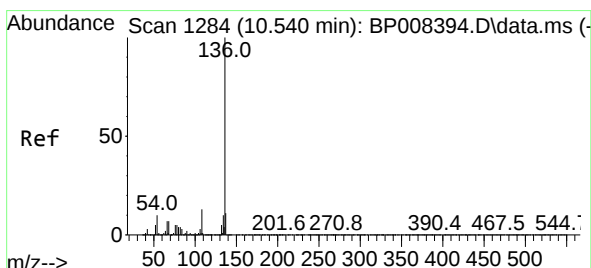
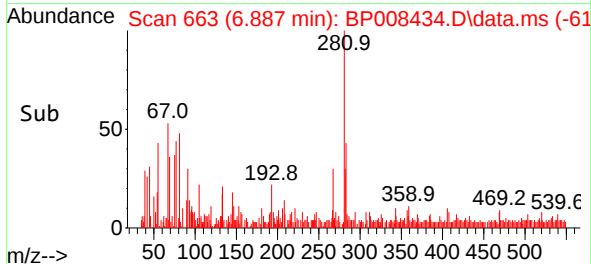
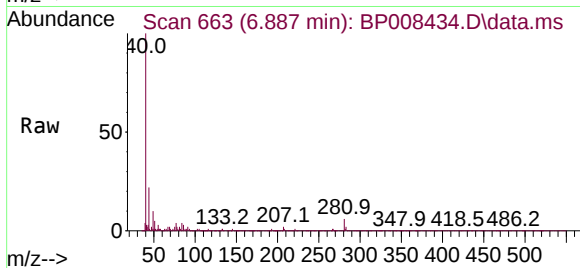




#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.887 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

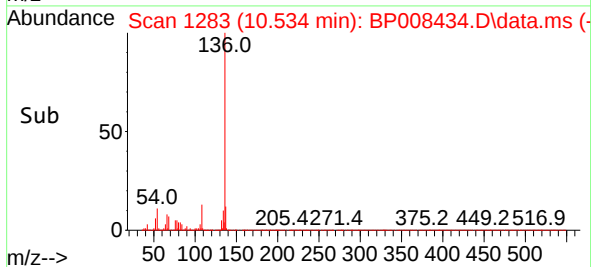
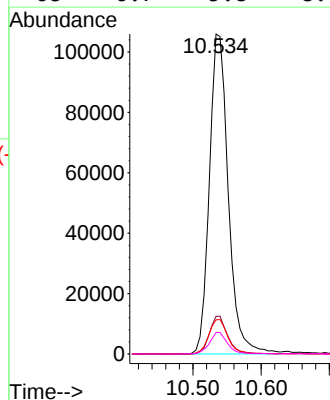
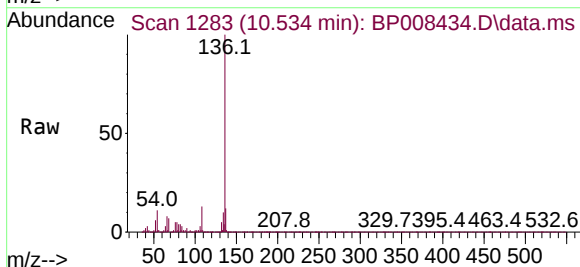
Instrument :  
BNA\_P  
ClientSampleId :  
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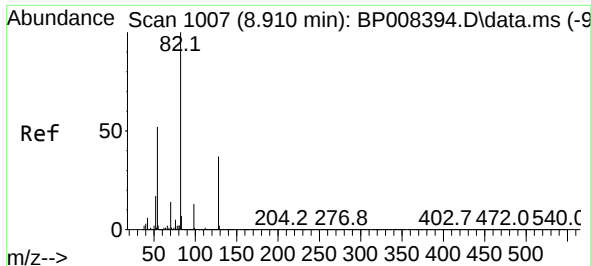
Tgt Ion: 77 Resp: 173  
Ion Ratio Lower Upper  
77 100  
105 33.5 71.8 111.8#  
106 9.9 67.3 107.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.534 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

Tgt Ion:136 Resp: 204905  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.0 13.6  
54 10.6 8.2 12.4  
68 6.7 5.8 8.8

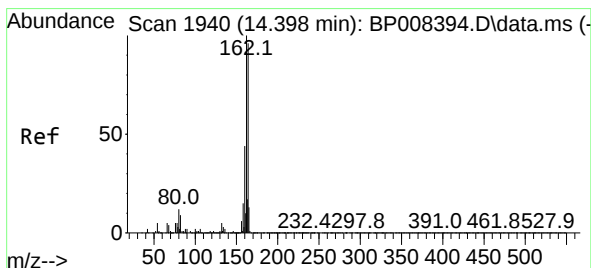
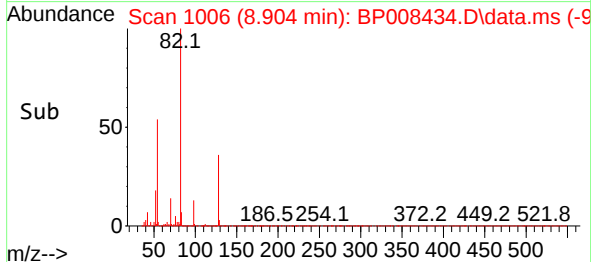
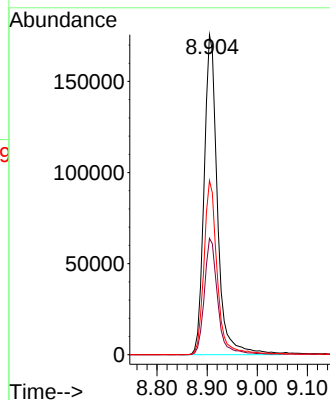
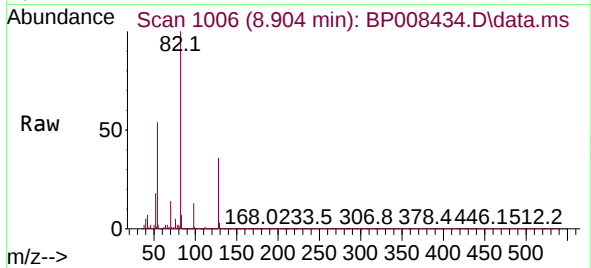




#23  
Nitrobenzene-d5  
Concen: 67.324 ng  
RT: 8.904 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

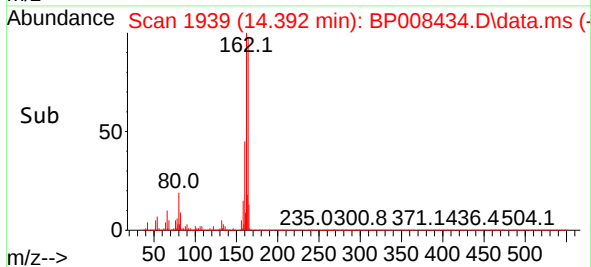
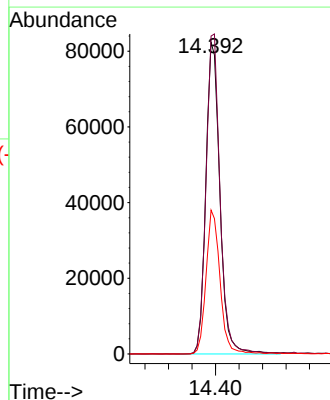
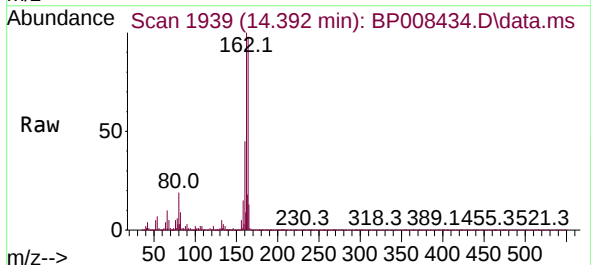
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ClientSampleId :  
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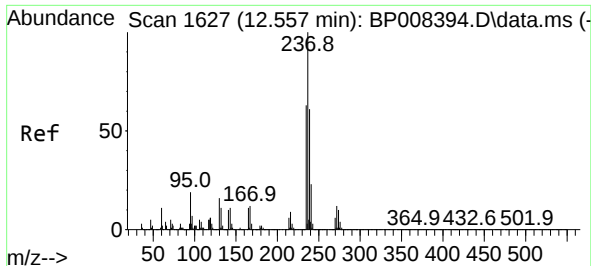
Tgt Ion: 82 Resp: 325623  
Ion Ratio Lower Upper  
82 100  
128 36.3 29.6 44.4  
54 54.4 42.7 64.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.392 min Scan# 1939  
Delta R.T. -0.006 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

Tgt Ion: 164 Resp: 136911  
Ion Ratio Lower Upper  
164 100  
162 102.0 81.9 122.9  
160 46.2 35.4 53.0

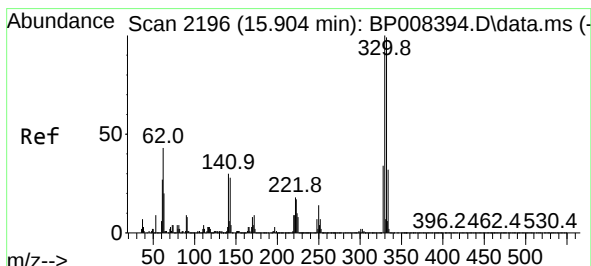
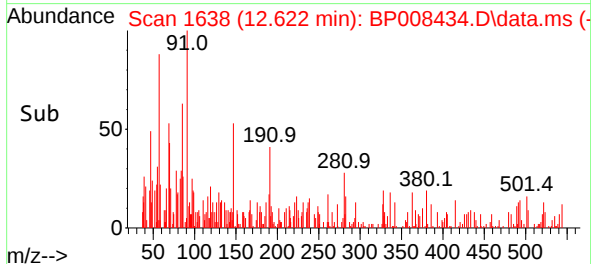
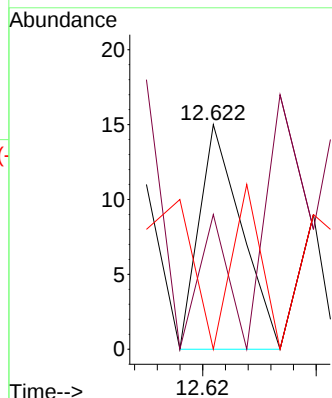
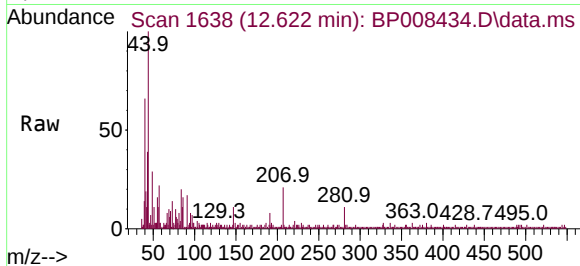




#41  
Hexachlorocyclopentadiene  
Concen: 8.657 ng  
RT: 12.622 min Scan# 1638  
Delta R.T. 0.065 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

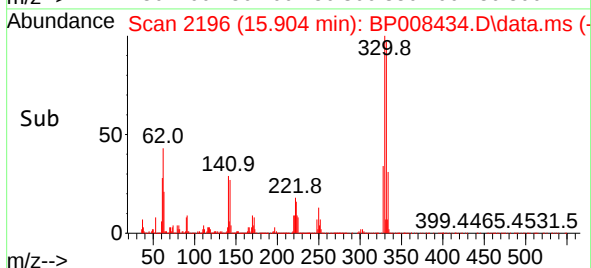
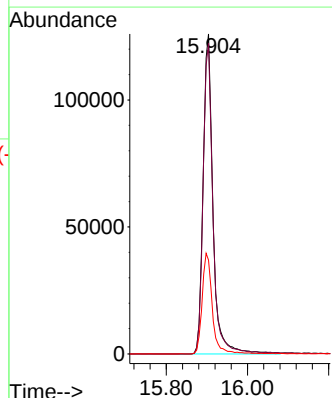
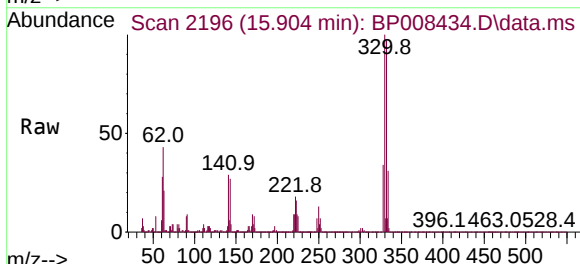
Instrument :  
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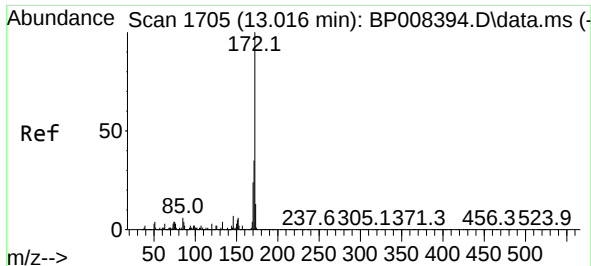
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|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 8     |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 60.0  | 42.3  | 82.3  |
| 272      | 0.0   | 0.0   | 32.2  |



#42  
2,4,6-Tribromophenol  
Concen: 105.694 ng  
RT: 15.904 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 212657 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.5  | 77.0  | 115.4  |
| 141      | 32.6  | 28.4  | 42.6   |

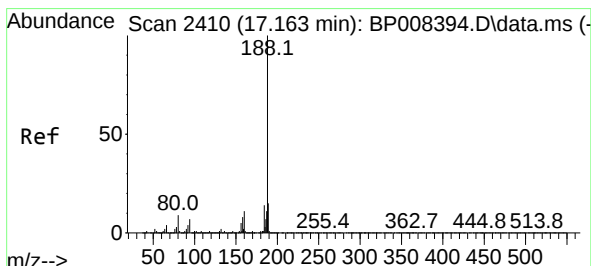
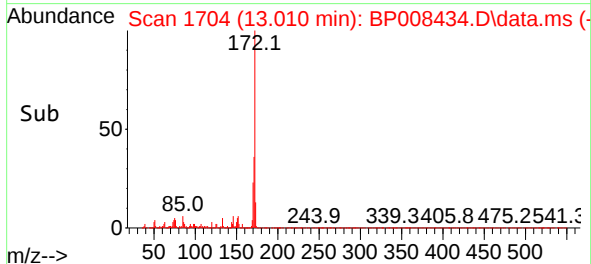
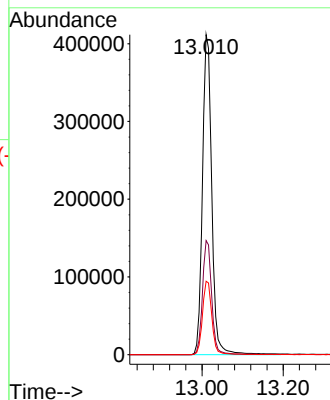
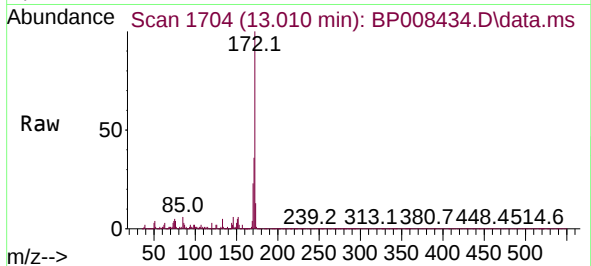




#45  
2-Fluorobiphenyl  
Concen: 61.165 ng  
RT: 13.010 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

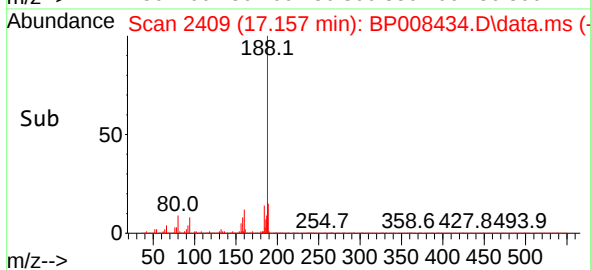
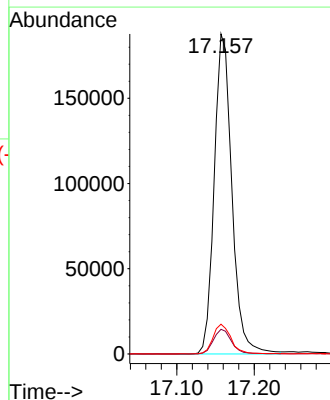
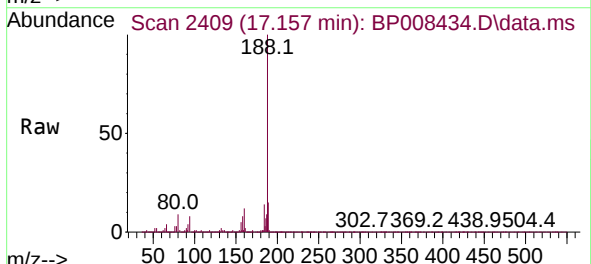
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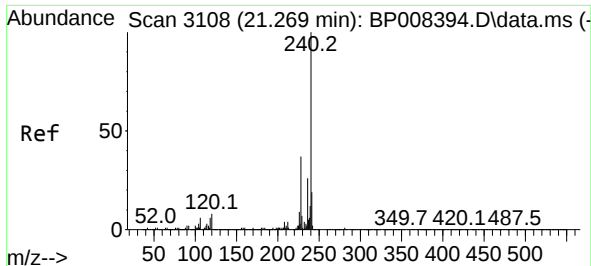
Tgt Ion:172 Resp: 658765  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.0 42.0  
170 22.9 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.157 min Scan# 2409  
Delta R.T. -0.006 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

Tgt Ion:188 Resp: 297677  
Ion Ratio Lower Upper  
188 100  
94 7.7 7.2 10.8  
80 9.3 8.2 12.4

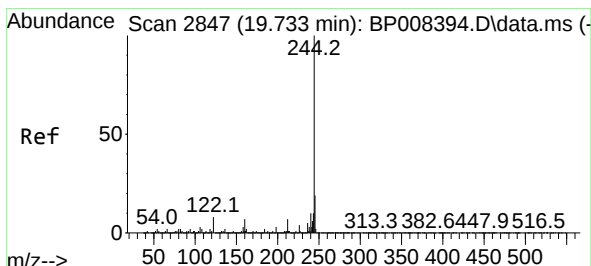
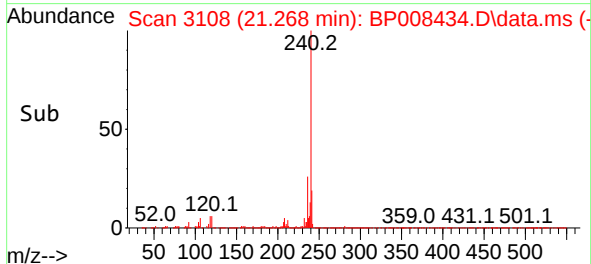
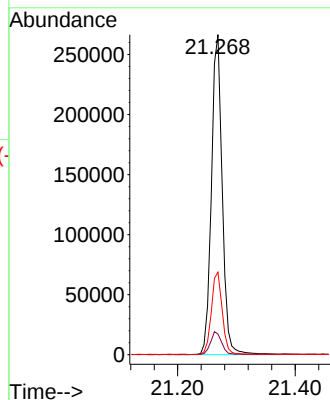
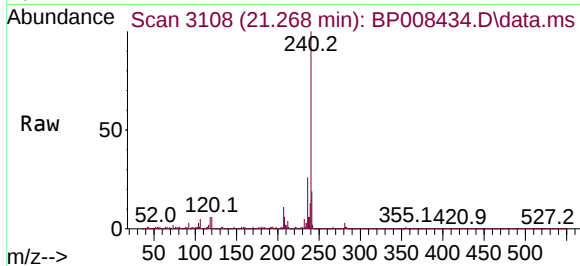




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.268 min Scan# 3108  
Delta R.T. -0.000 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

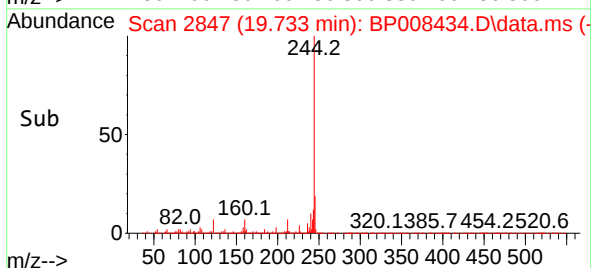
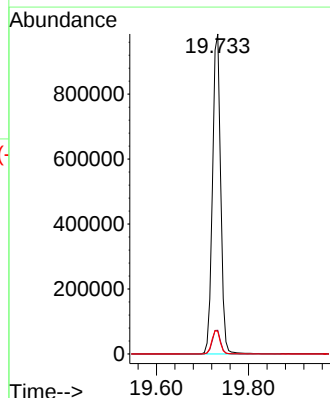
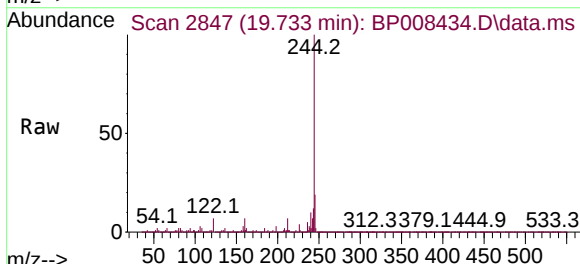
Instrument :  
BNA\_P  
ClientSampleId :  
TP9

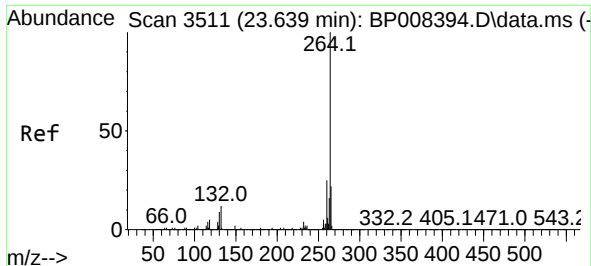
Tgt Ion:240 Resp: 340653  
Ion Ratio Lower Upper  
240 100  
120 6.4 7.3 10.9#  
236 25.8 21.4 32.2



#79  
Terphenyl-d14  
Concen: 62.108 ng  
RT: 19.733 min Scan# 2847  
Delta R.T. -0.000 min  
Lab File: BP008434.D  
Acq: 16 Dec 2021 02:50

Tgt Ion:244 Resp: 1215663  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.0 9.0  
122 7.0 6.6 9.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.633 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BP008434.D  
 Acq: 16 Dec 2021 02:50

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP9

Tgt Ion:264 Resp: 383093  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.4 29.2  
 265 21.4 17.6 26.4

