

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012025\  
 Data File : BF141213.D  
 Acq On : 20 Jan 2025 11:03  
 Operator : RC/JU  
 Sample : PB166115BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166115BL

Quant Time: Jan 20 11:32:59 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:54:19 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.810  | 152  | 162829   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.092  | 136  | 650069   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.845  | 164  | 350613   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.327 | 188  | 609458   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 13.968 | 240  | 442806   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 15.433 | 264  | 340853   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 1416297  | 134.368 | ng    | 0.00     |
| 7) Phenol-d6                | 6.440  | 99   | 1763897  | 132.110 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.369  | 82   | 1153439  | 94.055  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.633 | 330  | 610447   | 152.803 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.169  | 172  | 2164186  | 94.258  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.921 | 244  | 2617594  | 87.861  | ng    | -0.01    |

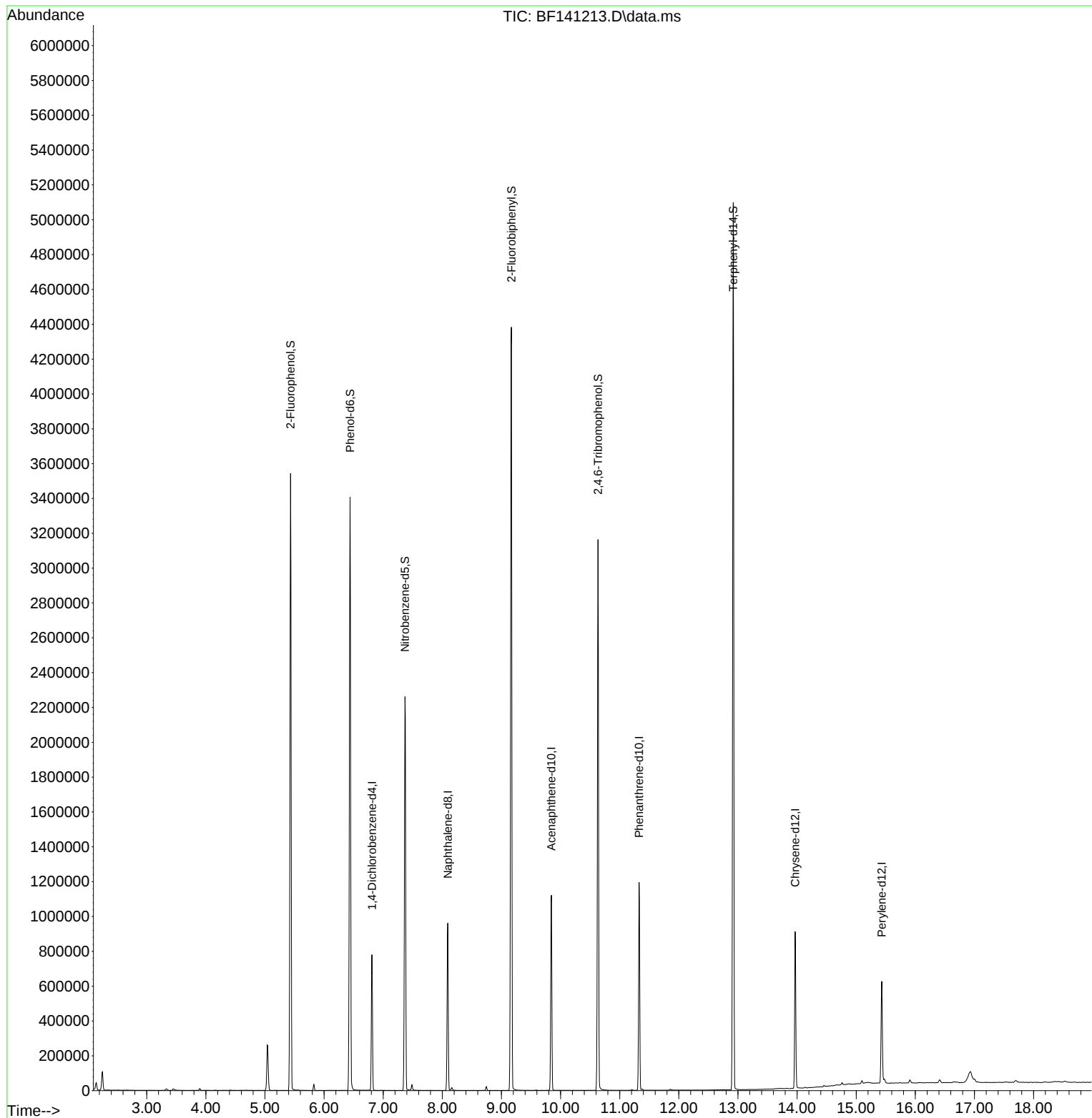
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 10 22:54:19 2025  
Response via : Initial Calibration

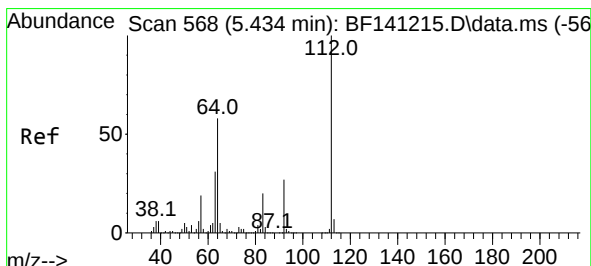
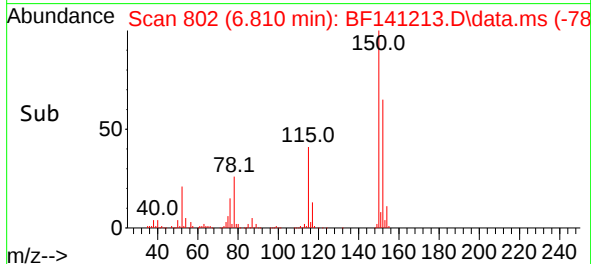
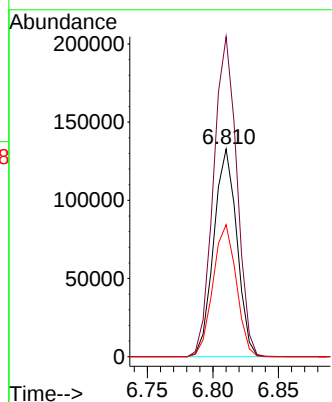
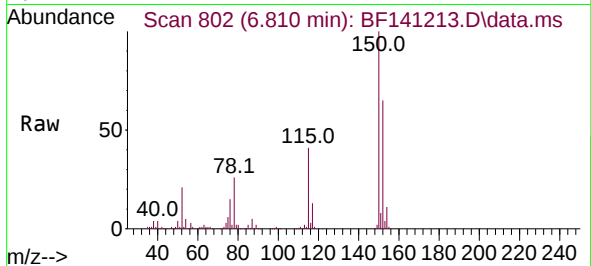




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.810 min Scan# 802  
Delta R.T. -0.012 min  
Lab File: BF141213.D  
Acq: 20 Jan 2025 11:03

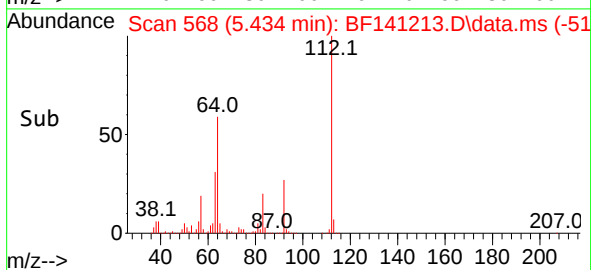
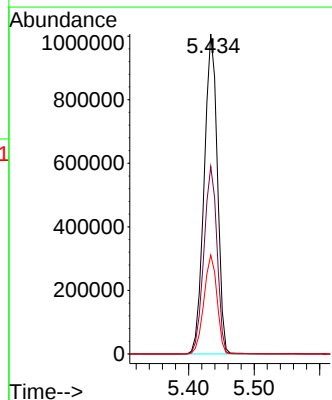
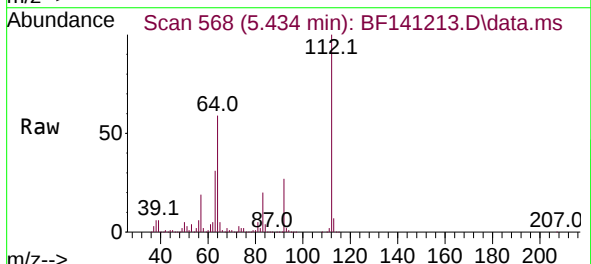
Instrument :  
BNA\_F  
ClientSampleId :  
PB166115BL

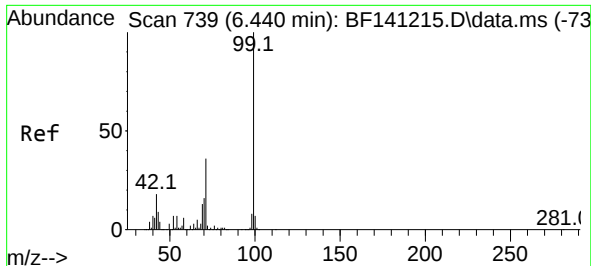
Tgt Ion:152 Resp: 162829  
Ion Ratio Lower Upper  
152 100  
150 154.1 125.8 188.8  
115 63.6 51.4 77.2



#5  
2-Fluorophenol  
Concen: 134.368 ng  
RT: 5.434 min Scan# 568  
Delta R.T. 0.006 min  
Lab File: BF141213.D  
Acq: 20 Jan 2025 11:03

Tgt Ion:112 Resp: 1416297  
Ion Ratio Lower Upper  
112 100  
64 58.6 47.3 70.9  
63 30.9 24.2 36.2



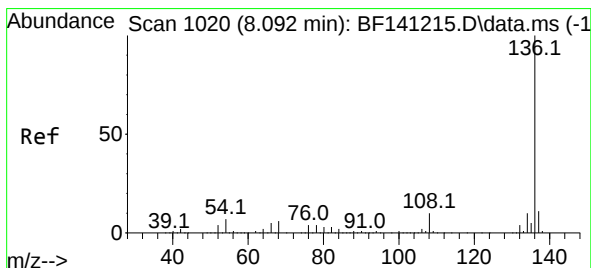
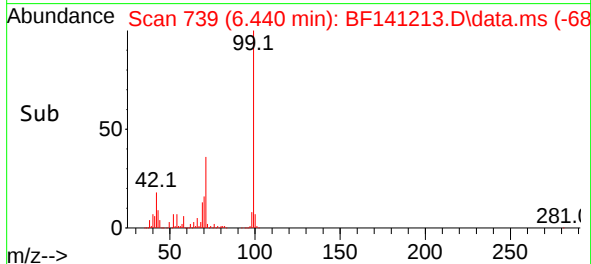
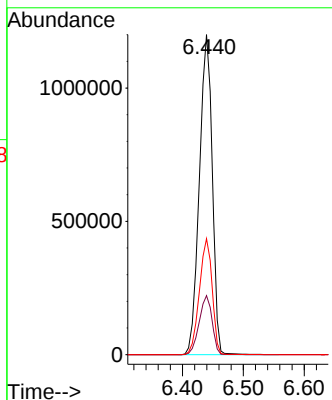
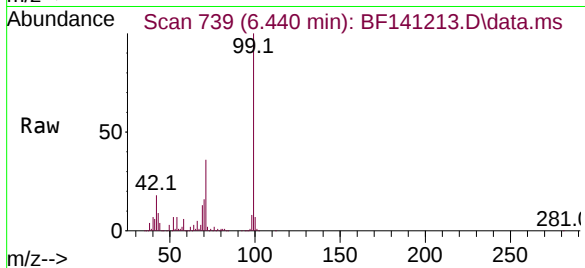


#7  
Phenol-d6  
Concen: 132.110 ng  
RT: 6.440 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF141213.D  
Acq: 20 Jan 2025 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB166115BL

Tgt Ion: 99 Resp: 1763897

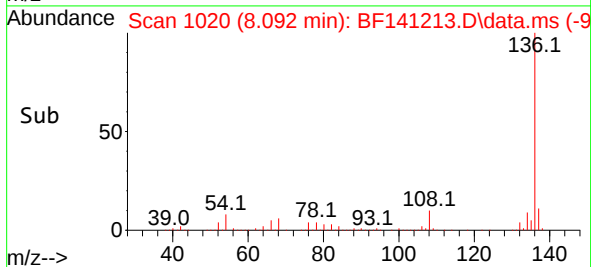
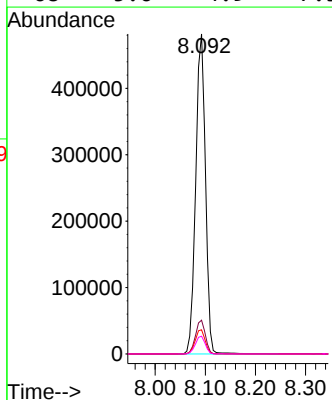
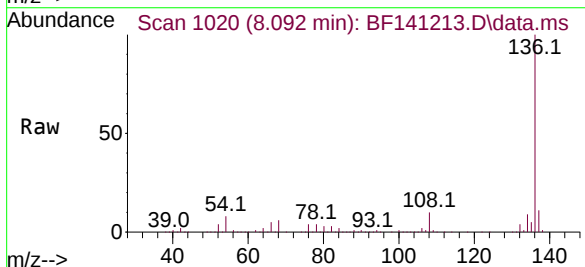
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.4  | 15.0  | 22.4  |
| 71  | 36.3  | 27.6  | 41.4  |

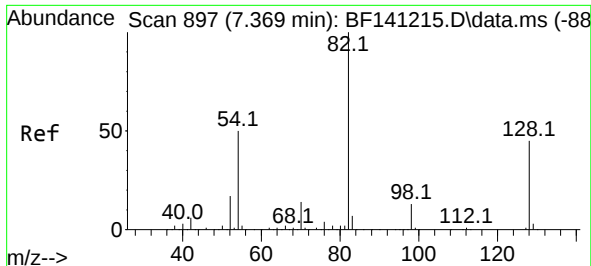


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.092 min Scan# 1020  
Delta R.T. -0.012 min  
Lab File: BF141213.D  
Acq: 20 Jan 2025 11:03

Tgt Ion: 136 Resp: 650069

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.8   | 13.2  |
| 54  | 7.6   | 6.3   | 9.5   |
| 68  | 5.6   | 4.9   | 7.3   |

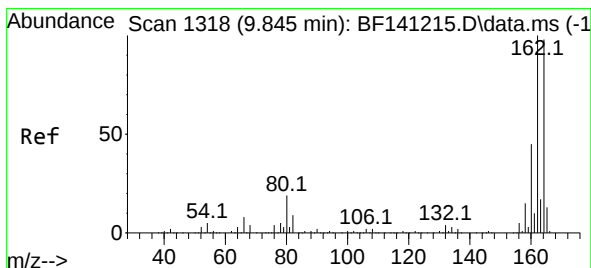
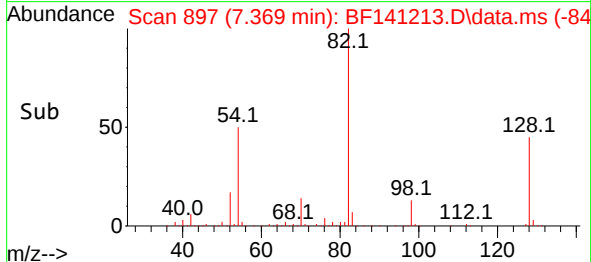
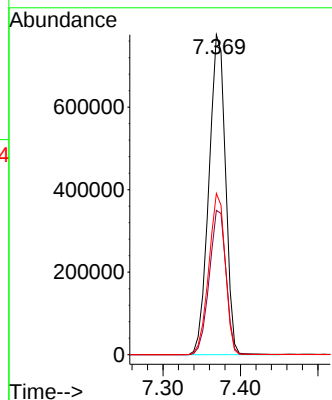
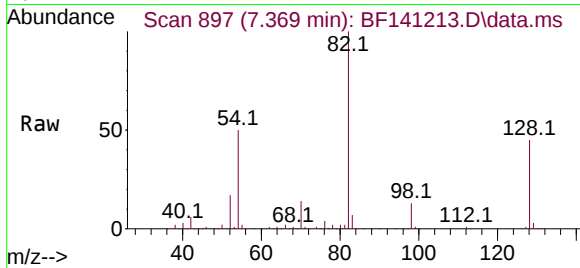




#23  
Nitrobenzene-d5  
Concen: 94.055 ng  
RT: 7.369 min Scan# 897  
Delta R.T. -0.018 min  
Lab File: BF141213.D  
Acq: 20 Jan 2025 11:03

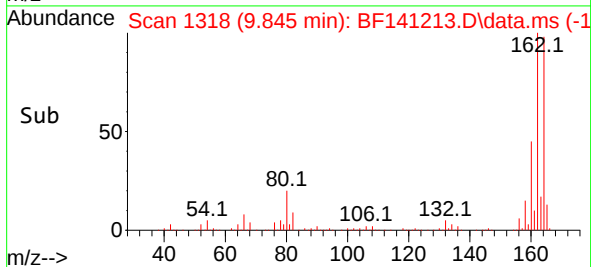
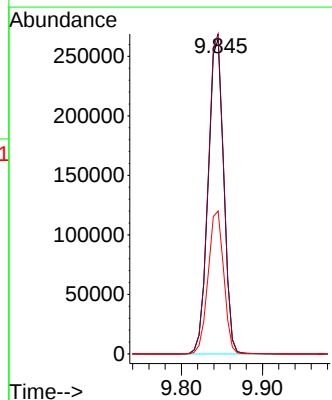
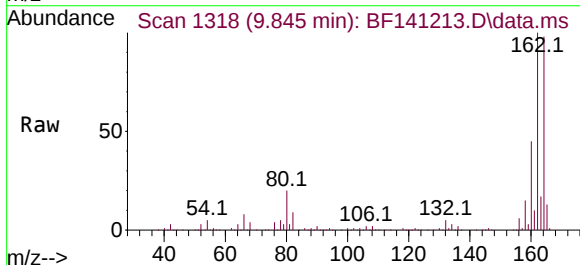
Instrument :  
BNA\_F  
ClientSampleId :  
PB166115BL

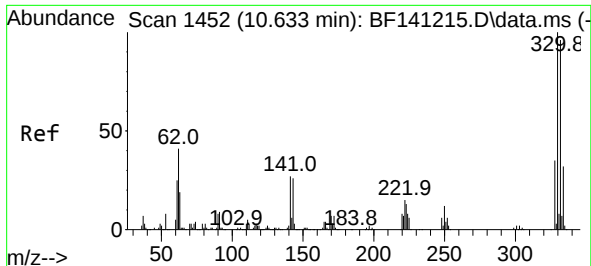
Tgt Ion: 82 Resp: 1153439  
Ion Ratio Lower Upper  
82 100  
128 45.1 36.1 54.1  
54 50.4 41.0 61.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.845 min Scan# 1318  
Delta R.T. -0.018 min  
Lab File: BF141213.D  
Acq: 20 Jan 2025 11:03

Tgt Ion:164 Resp: 350613  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.0 121.4  
160 45.4 36.1 54.1

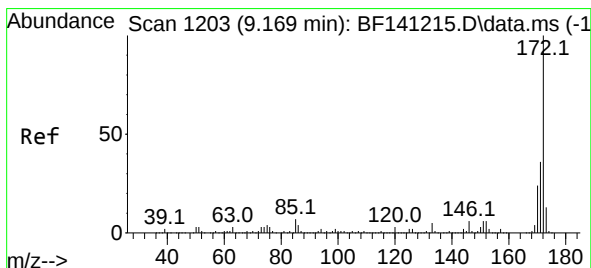
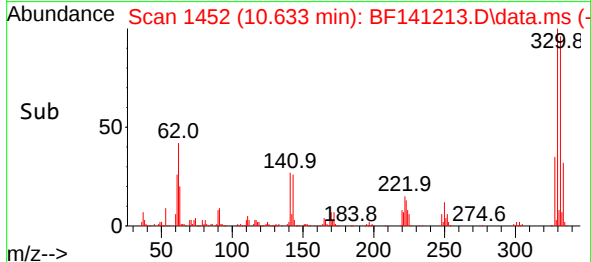
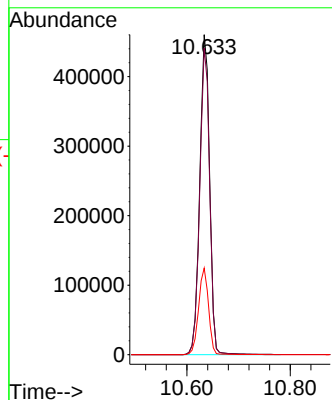
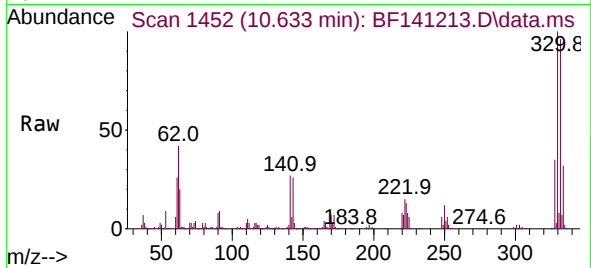




#42  
2,4,6-Tribromophenol  
Concen: 152.803 ng  
RT: 10.633 min Scan# 1452  
Delta R.T. -0.018 min  
Lab File: BF141213.D  
Acq: 20 Jan 2025 11:03

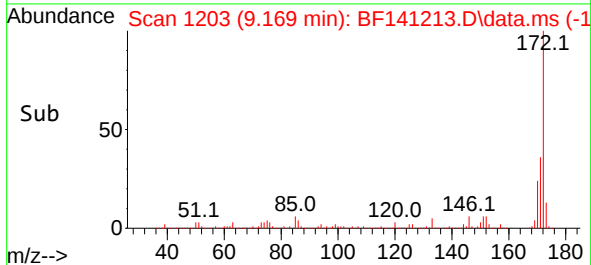
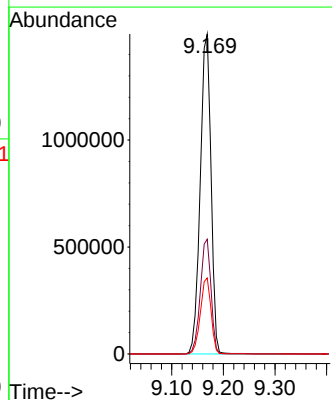
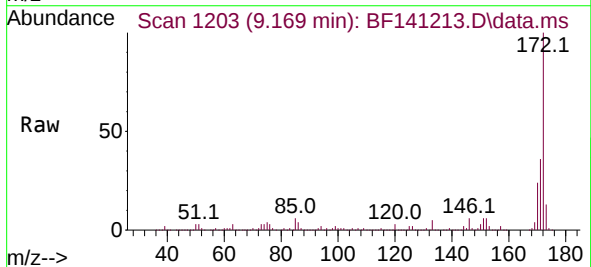
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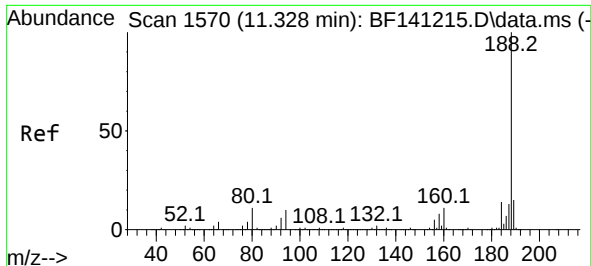
Tgt Ion:330 Resp: 610447  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.9 115.3  
141 27.4 25.2 37.8



#45  
2-Fluorobiphenyl  
Concen: 94.258 ng  
RT: 9.169 min Scan# 1203  
Delta R.T. -0.012 min  
Lab File: BF141213.D  
Acq: 20 Jan 2025 11:03

Tgt Ion:172 Resp: 2164186  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.7 43.1  
170 23.8 19.0 28.6

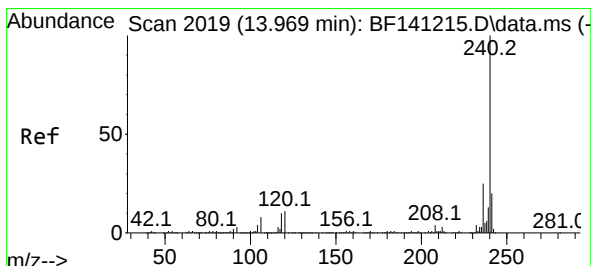
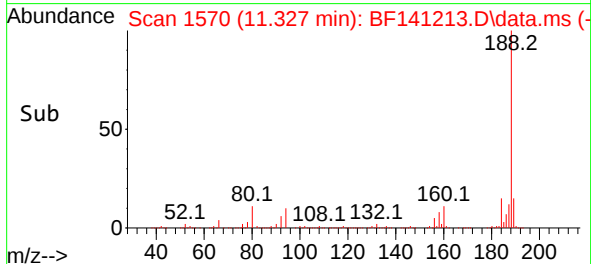
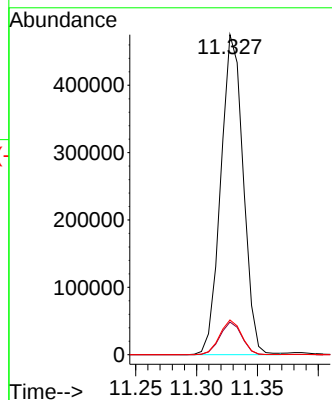
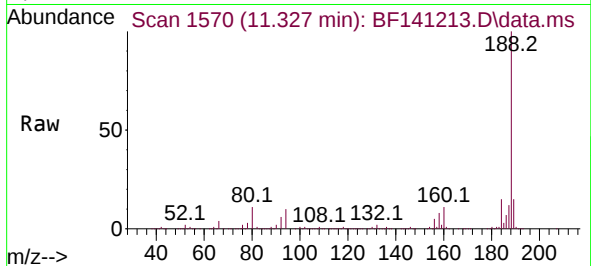




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.327 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF141213.D  
Acq: 20 Jan 2025 11:03

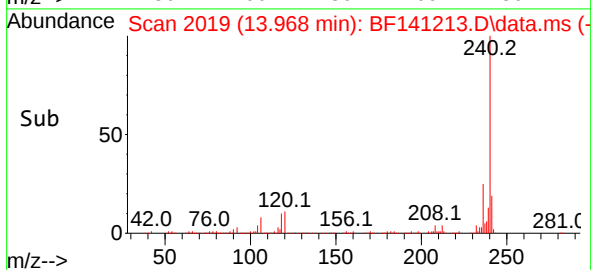
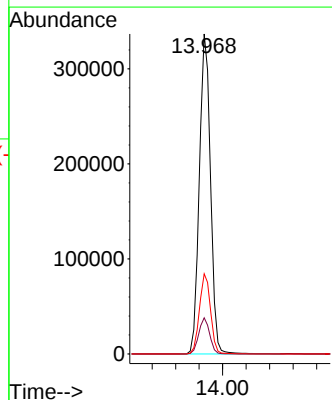
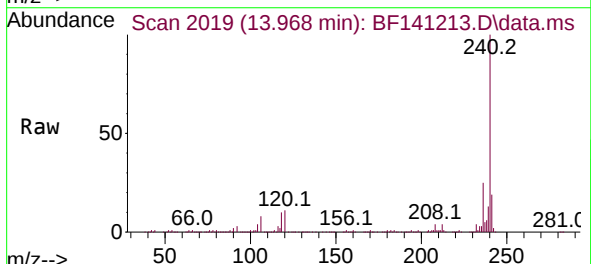
Instrument :  
BNA\_F  
ClientSampleId :  
PB166115BL

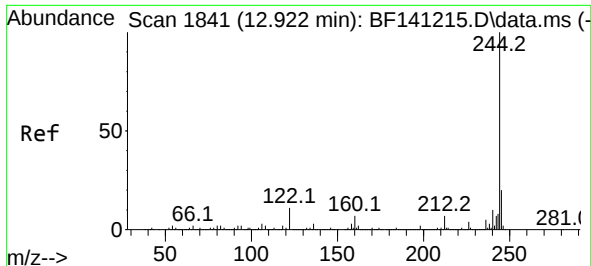
Tgt Ion:188 Resp: 609458  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.3 12.5  
80 10.9 9.0 13.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.968 min Scan# 2019  
Delta R.T. -0.018 min  
Lab File: BF141213.D  
Acq: 20 Jan 2025 11:03

Tgt Ion:240 Resp: 442806  
Ion Ratio Lower Upper  
240 100  
120 11.3 9.1 13.7  
236 25.0 19.8 29.6

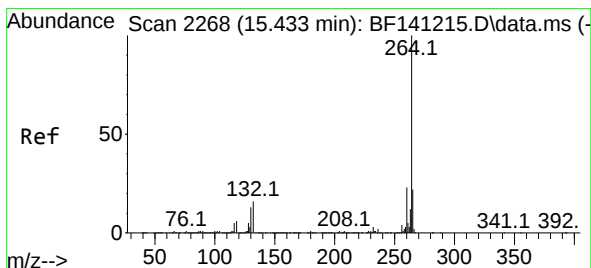
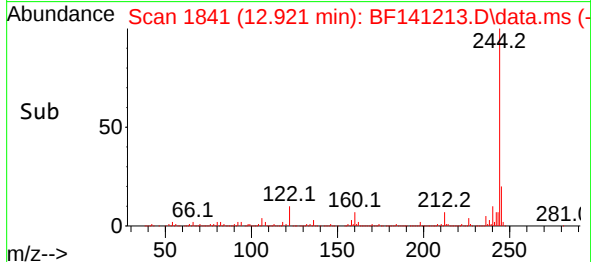
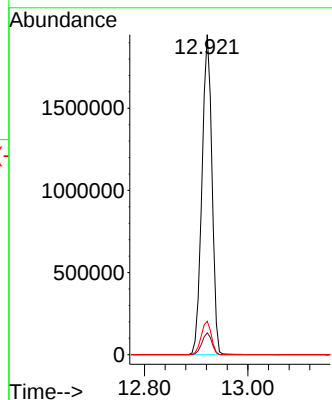
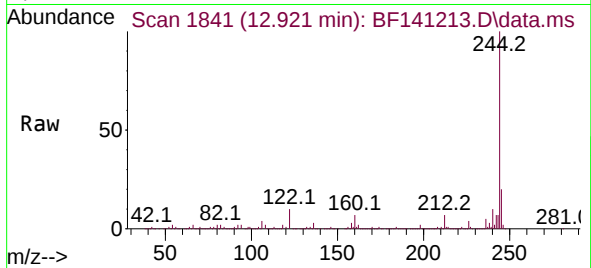




#79  
 Terphenyl-d14  
 Concen: 87.861 ng  
 RT: 12.921 min Scan# 1841  
 Delta R.T. -0.012 min  
 Lab File: BF141213.D  
 Acq: 20 Jan 2025 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166115BL

Tgt Ion:244 Resp: 2617594  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.2  
 122 10.5 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.433 min Scan# 2268  
 Delta R.T. -0.006 min  
 Lab File: BF141213.D  
 Acq: 20 Jan 2025 11:03

Tgt Ion:264 Resp: 340853  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.6 28.0  
 265 21.3 17.4 26.0

