

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042421\  
 Data File : BF123729.D  
 Acq On : 24 Apr 2021 21:30  
 Operator : JU/CG  
 Sample : M2152-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4-COMP

Quant Time: Apr 26 06:10:19 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 26 05:40:49 2021  
 Response via : Initial Calibration

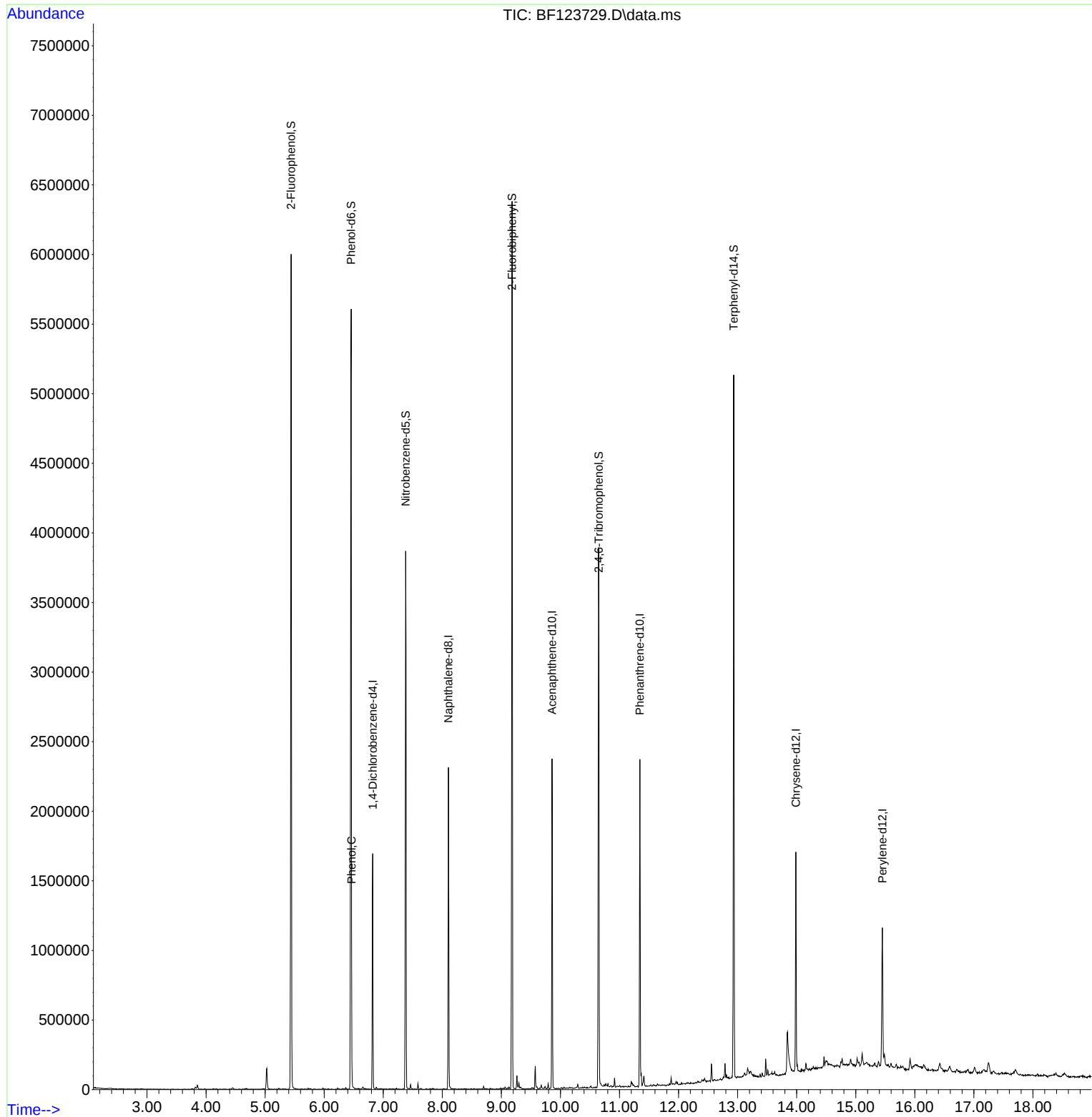
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|--------|------|----------|-------|-------|----------------|
| -----                       |        |      |          |       |       |                |
| Internal Standards          |        |      |          |       |       |                |
| 1) 1,4-Dichlorobenzene-d4   | 6.822  | 152  | 218475   | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.104  | 136  | 826204   | 20.00 | ng    | # 0.00         |
| 39) Acenaphthene-d10        | 9.857  | 164  | 416247   | 20.00 | ng    | 0.00           |
| 64) Phenanthrene-d10        | 11.345 | 188  | 771352   | 20.00 | ng    | 0.00           |
| 76) Chrysene-d12            | 13.986 | 240  | 481029   | 20.00 | ng    | 0.00           |
| 86) Perylene-d12            | 15.451 | 264  | 445180   | 20.00 | ng    | 0.00           |
| System Monitoring Compounds |        |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.440  | 112  | 1279463  | 94.65 | ng    | 0.00           |
| 7) Phenol-d6                | 6.457  | 99   | 1672401  | 89.28 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.381  | 82   | 1190629  | 66.25 | ng    | 0.00           |
| 42) 2,4,6-Tribromophenol    | 10.651 | 330  | 446933   | 94.82 | ng    | 0.00           |
| 45) 2-Fluorobiphenyl        | 9.180  | 172  | 1660830  | 59.48 | ng    | 0.00           |
| 79) Terphenyl-d14           | 12.933 | 244  | 1483971  | 59.96 | ng    | 0.00           |
| Target Compounds            |        |      |          |       |       |                |
| 10) Phenol                  | 6.463  | 94   | 40022    | 2.01  | ng    | Qvalue<br># 78 |
| -----                       |        |      |          |       |       |                |

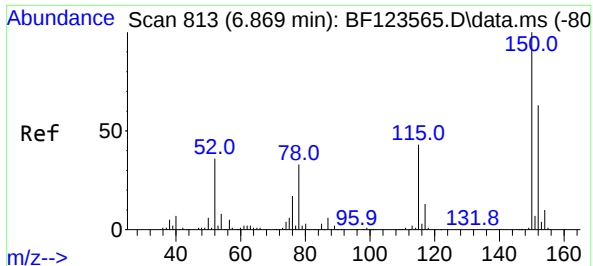
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042421\  
Data File : BF123729.D  
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Sample : M2152-06  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
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TP-4-COMP

Quant Time: Apr 26 06:10:19 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 26 05:40:49 2021  
Response via : Initial Calibration

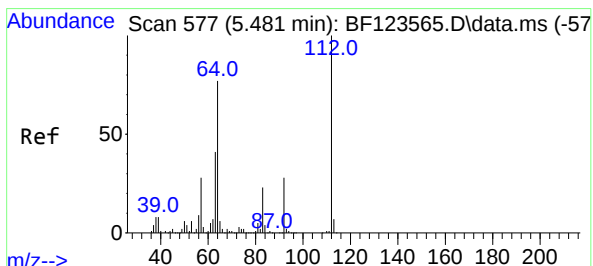
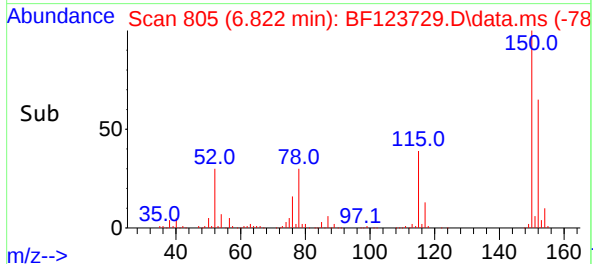
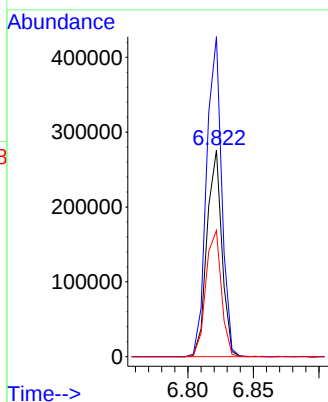
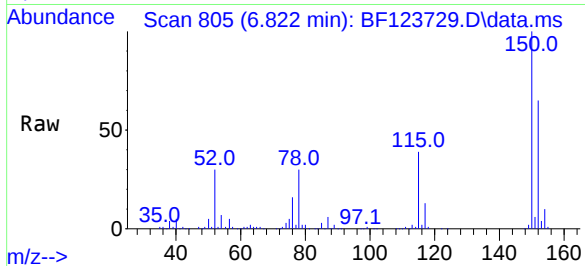




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.822 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

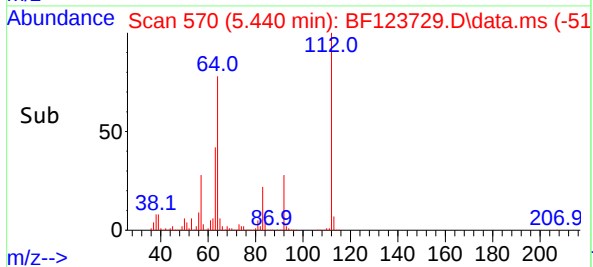
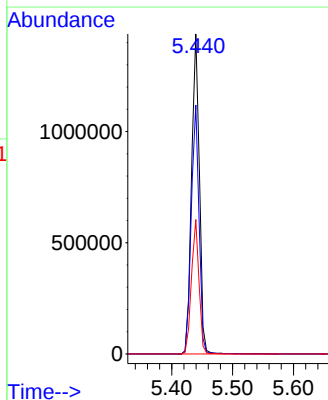
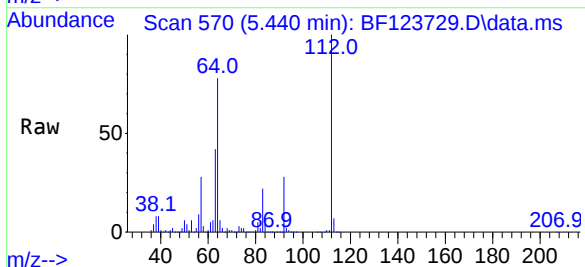
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4-COMP

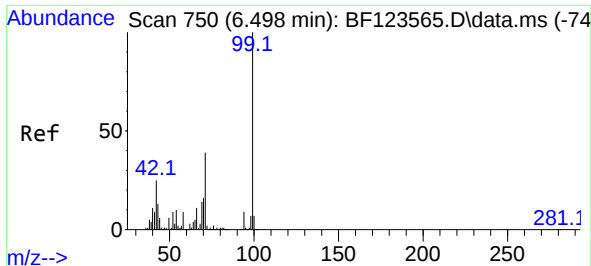
Tgt Ion:152 Resp: 218475  
Ion Ratio Lower Upper  
152 100  
150 154.9 127.0 190.6  
115 61.1 54.3 81.5



#5  
2-Fluorophenol  
Concen: 94.65 ng  
RT: 5.440 min Scan# 570  
Delta R.T. 0.000 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

Tgt Ion:112 Resp: 1279463  
Ion Ratio Lower Upper  
112 100  
64 77.8 61.4 92.0  
63 42.0 33.0 49.4



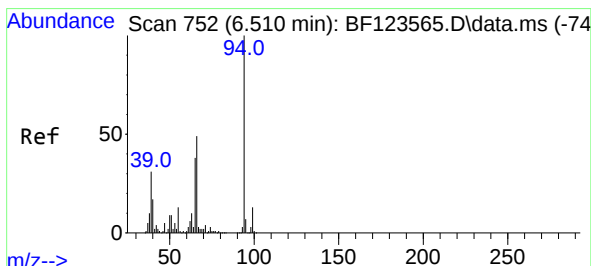
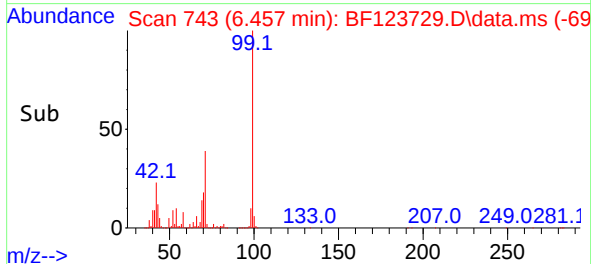
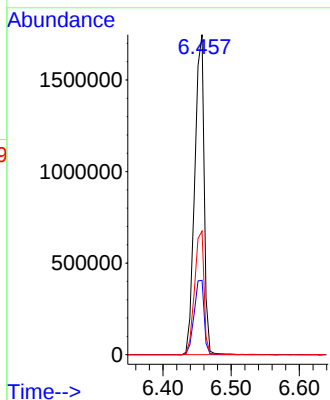
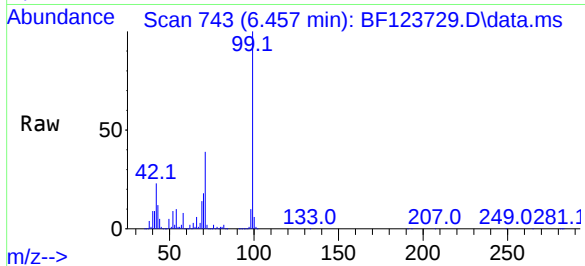


#7  
Phenol-d6  
Concen: 89.28 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4-COMP

Tgt Ion: 99 Resp: 1672401

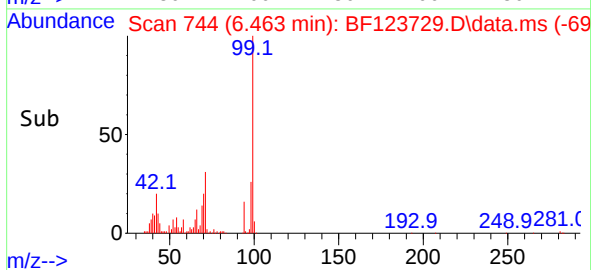
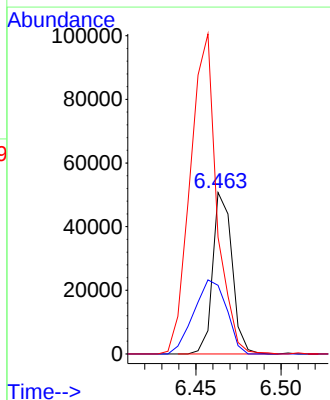
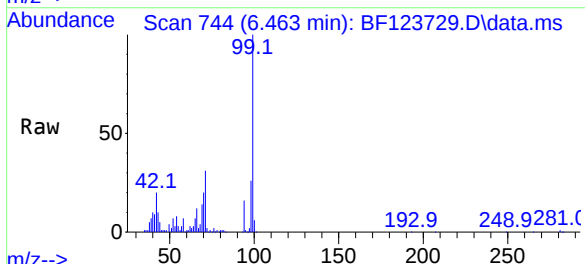
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.3  | 19.8  | 29.8  |
| 71  | 38.6  | 31.1  | 46.7  |

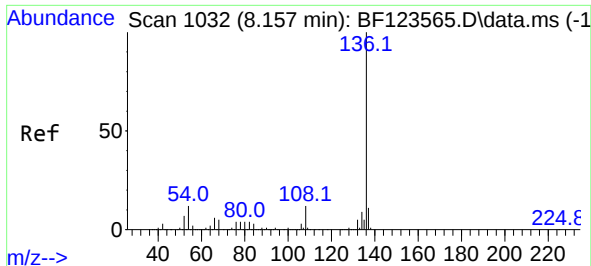


#10  
Phenol  
Concen: 2.01 ng  
RT: 6.463 min Scan# 744  
Delta R.T. -0.012 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

Tgt Ion: 94 Resp: 40022

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 42.5  | 18.1  | 58.1  |
| 66  | 72.3  | 29.0  | 69.0  |



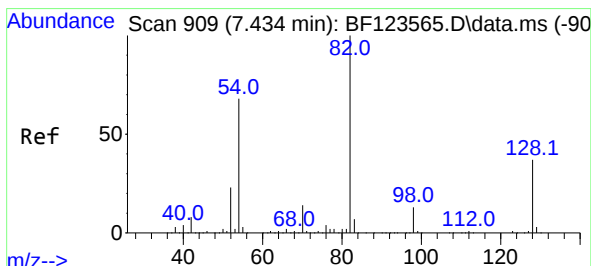
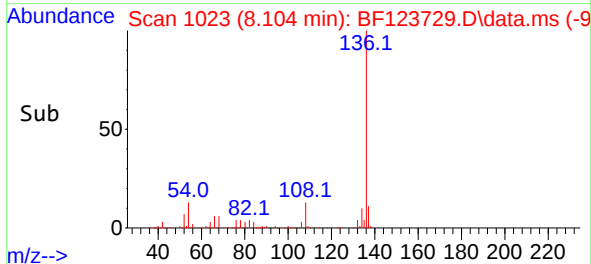
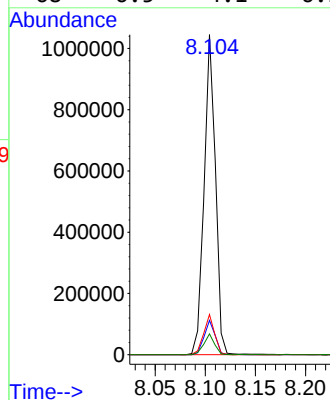
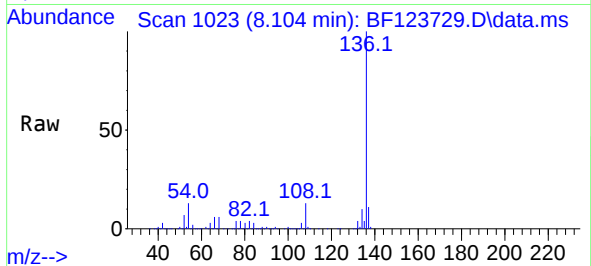


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

Instrument :  
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ClientSampleId :  
TP-4-COMP

Tgt Ion:136 Resp: 826204

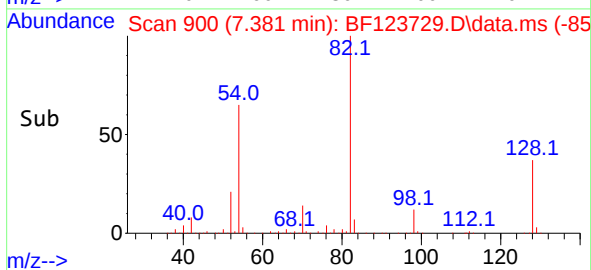
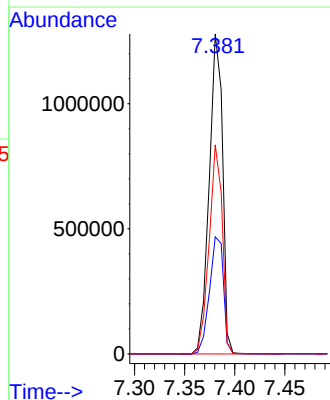
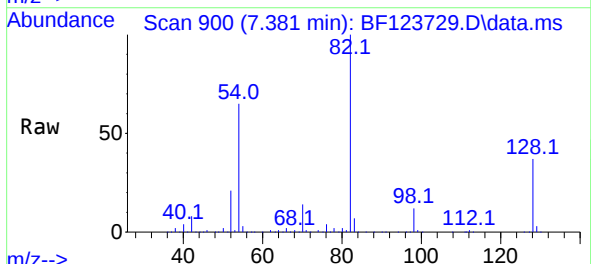
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.7   | 13.1  |
| 54  | 12.6  | 9.8   | 14.6  |
| 68  | 6.5   | 4.1   | 6.1   |

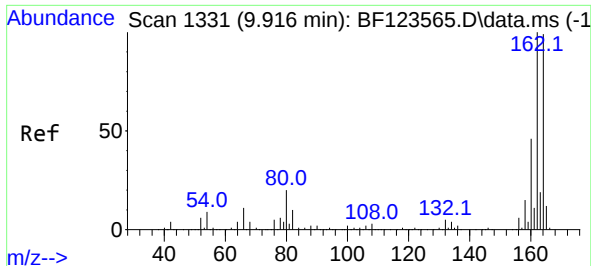


#23  
Nitrobenzene-d5  
Concen: 66.25 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

Tgt Ion: 82 Resp: 1190629

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.6  | 29.4  | 44.2  |
| 54  | 65.4  | 54.1  | 81.1  |

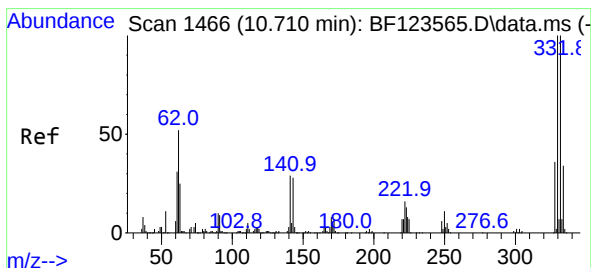
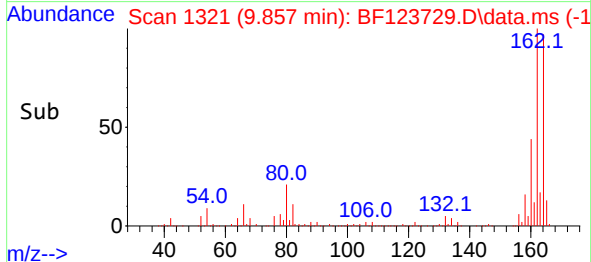
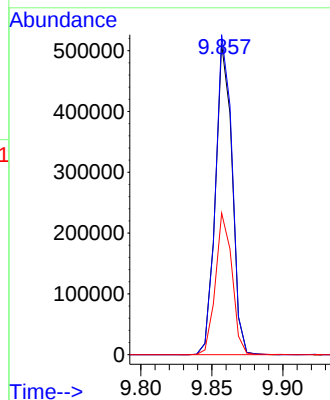
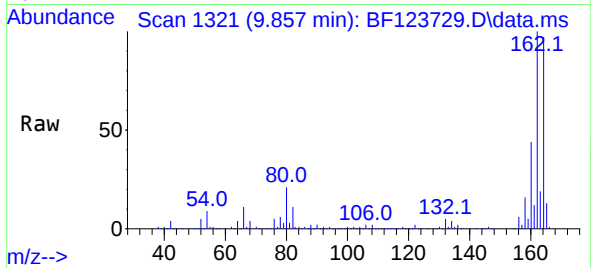




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

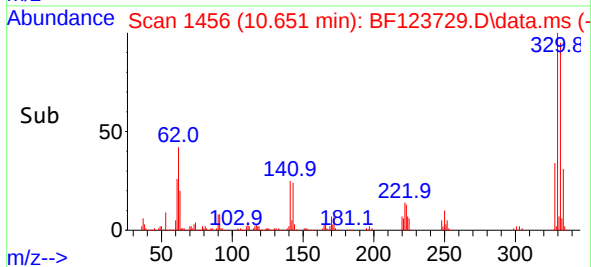
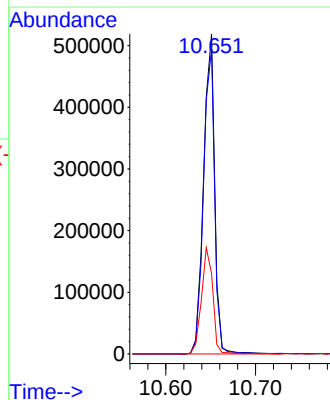
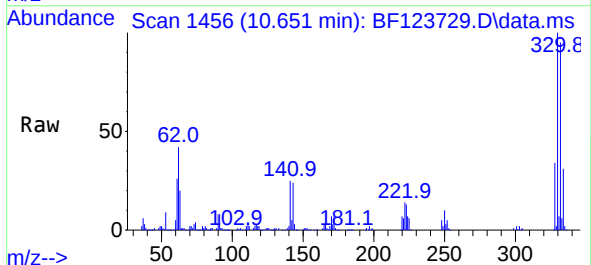
Instrument :  
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ClientSampleId :  
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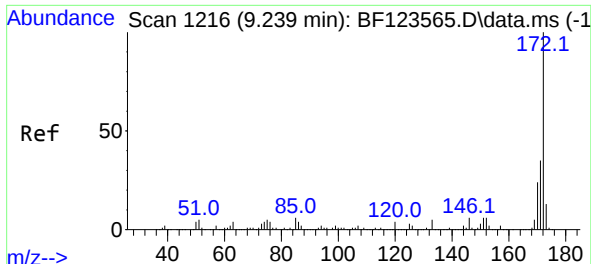
Tgt Ion:164 Resp: 416247  
Ion Ratio Lower Upper  
164 100  
162 102.9 80.7 121.1  
160 45.5 37.3 55.9



#42  
2,4,6-Tribromophenol  
Concen: 94.82 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

Tgt Ion:330 Resp: 446933  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.1 115.7  
141 33.8 27.9 41.9

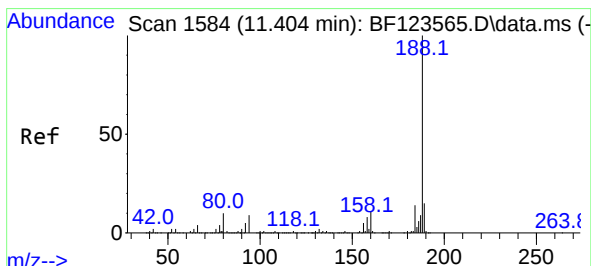
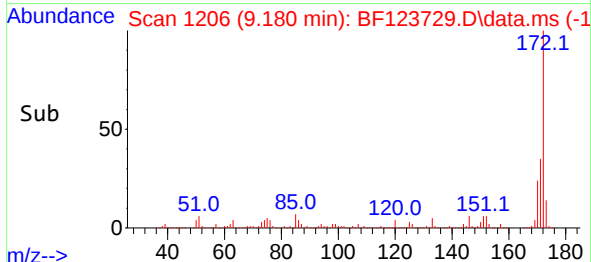
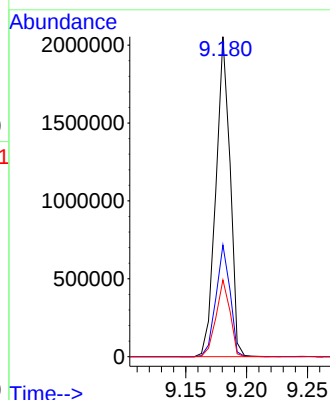
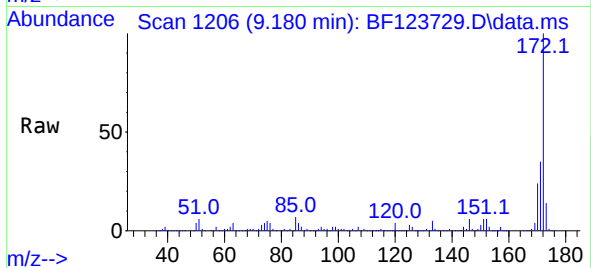




#45  
2-Fluorobiphenyl  
Concen: 59.48 ng  
RT: 9.180 min Scan# 1206  
Delta R.T. -0.006 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

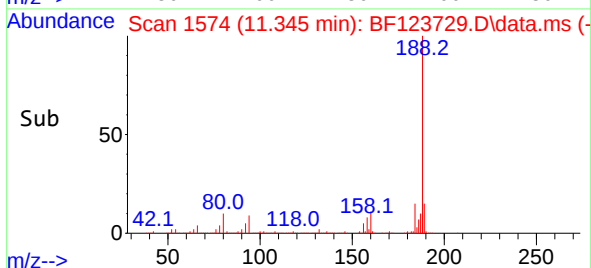
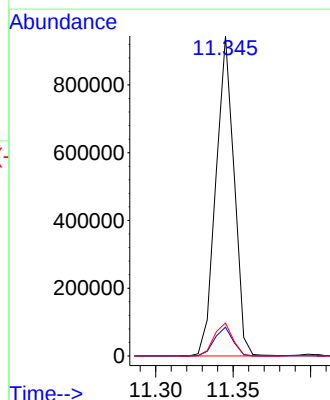
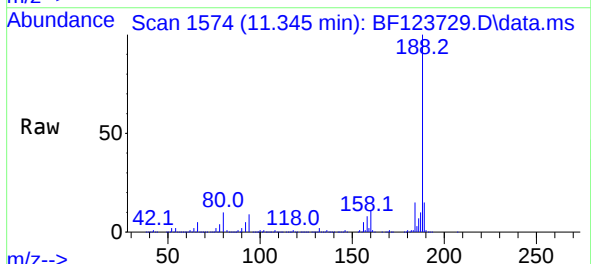
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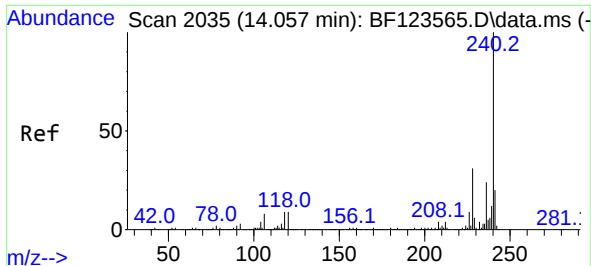
Tgt Ion:172 Resp: 1660830  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.1 42.1  
170 24.0 19.2 28.8



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. -0.006 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

Tgt Ion:188 Resp: 771352  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.9 10.3  
80 10.3 8.2 12.2

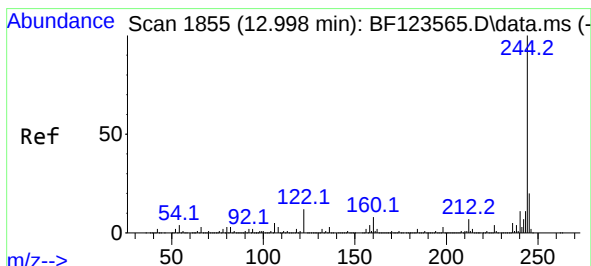
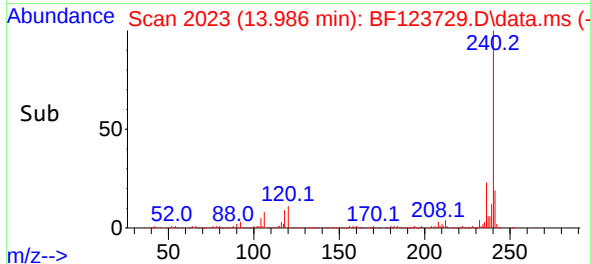
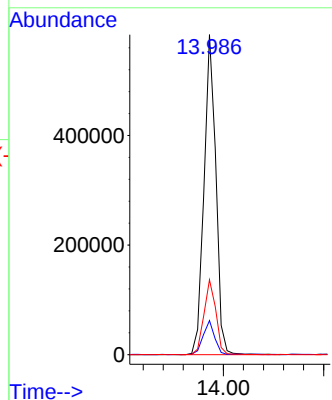
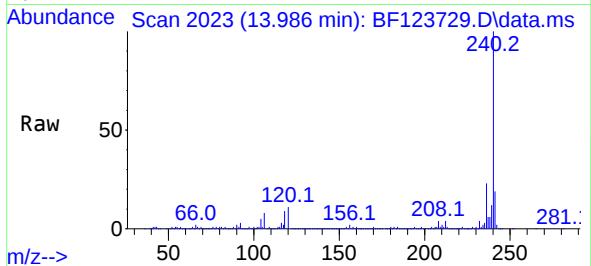




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

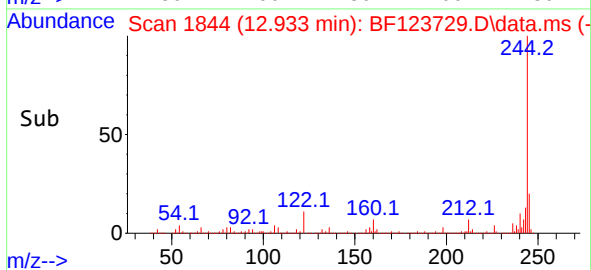
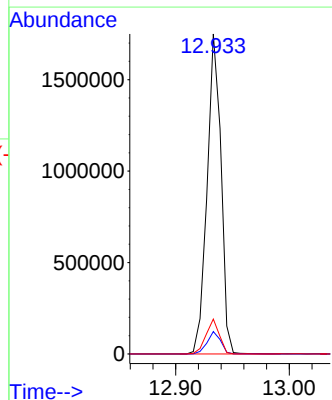
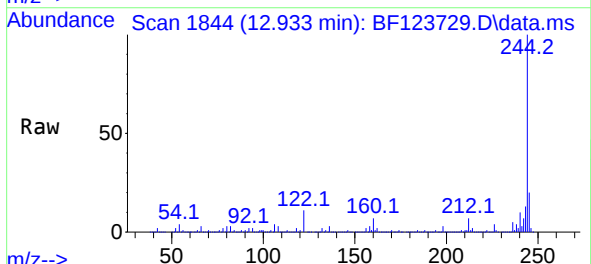
Instrument :  
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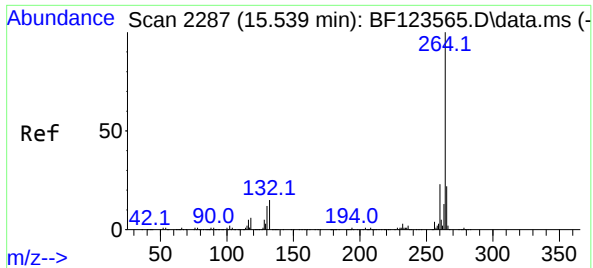
Tgt Ion:240 Resp: 481029  
Ion Ratio Lower Upper  
240 100  
120 10.6 7.2 10.8  
236 23.4 19.0 28.4



#79  
Terphenyl-d14  
Concen: 59.96 ng  
RT: 12.933 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: BF123729.D  
Acq: 24 Apr 2021 21:30

Tgt Ion:244 Resp: 1483971  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.7 8.5  
122 10.9 9.7 14.5





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.451 min Scan# 2272  
 Delta R.T. 0.000 min  
 Lab File: BF123729.D  
 Acq: 24 Apr 2021 21:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4-COMP

Tgt Ion:264 Resp: 445180

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 18.7  | 28.1  |
| 265 | 22.4  | 17.8  | 26.8  |

