

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050421\  
 Data File : BF123818.D  
 Acq On : 4 May 2021 20:24  
 Operator : JU/CG  
 Sample : M2256-12  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 R2-A-D-COMP

Quant Time: May 05 05:13:41 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 04 12:58:27 2021  
 Response via : Initial Calibration

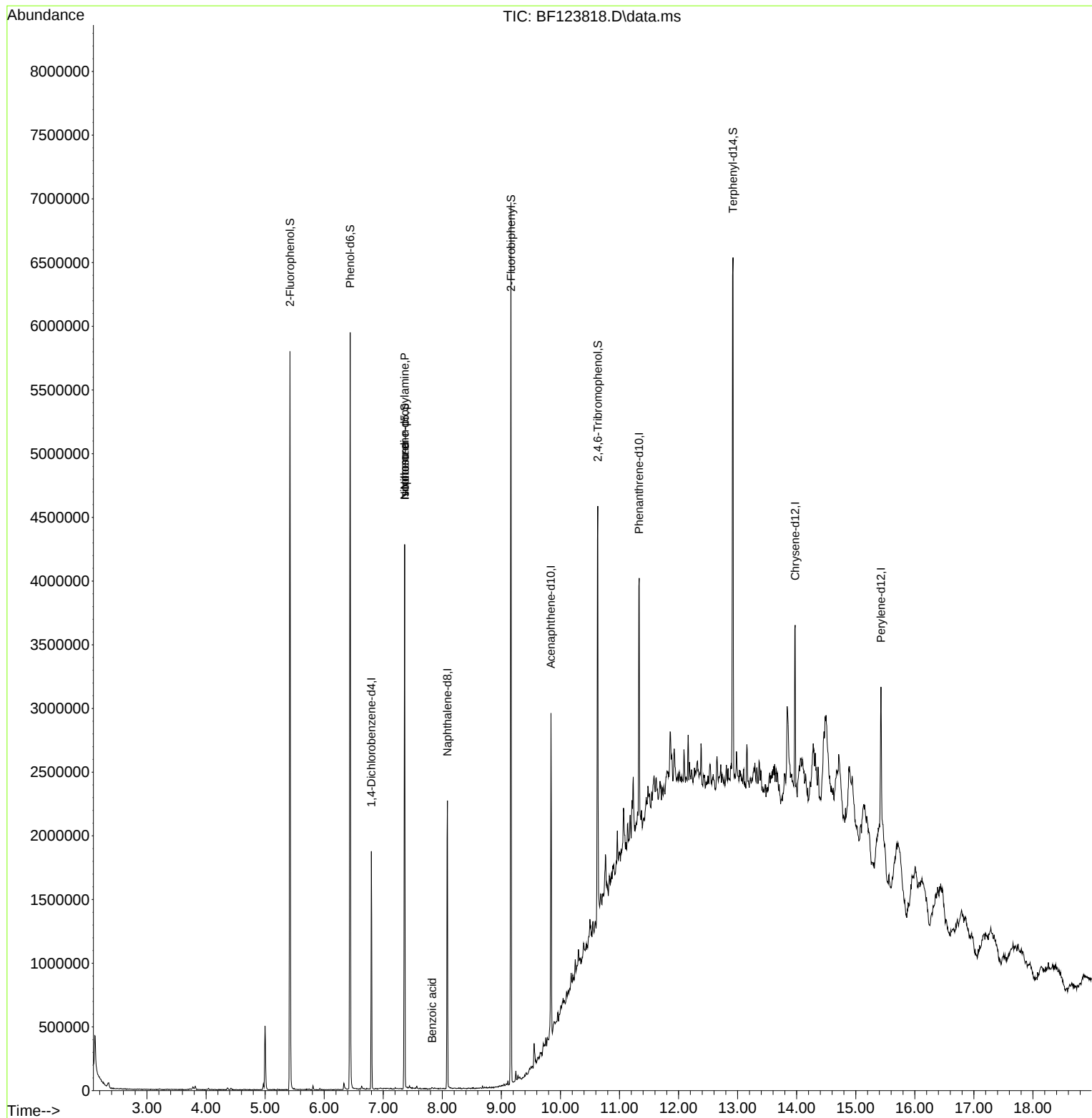
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 234177   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.086  | 136  | 903327   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.839  | 164  | 449086   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.333 | 188  | 727493   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 517908   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12              | 15.427 | 264  | 517160   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 1268106  | 85.79 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.439  | 99   | 1715274  | 84.24 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 1203071  | 60.12 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 417583   | 74.69 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 1787498  | 57.97 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.921 | 244  | 1462554  | 54.38 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.363  | 70   | 159954   | 12.72 | ng    | # 75     |
| 25) Isophorone                | 7.363  | 82   | 1203056  | 32.06 | ng    | # 69     |
| 32) Benzoic acid              | 7.828  | 122  | 160      | 5.41  | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

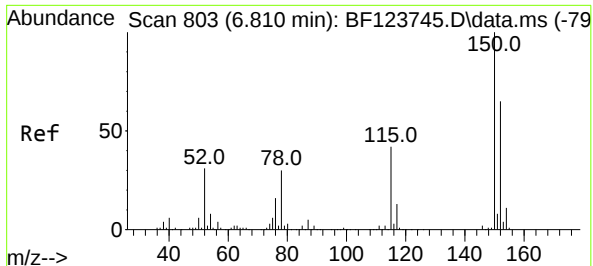
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050421\  
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Sample : M2256-12  
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ALS Vial : 17 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 04 12:58:27 2021  
Response via : Initial Calibration

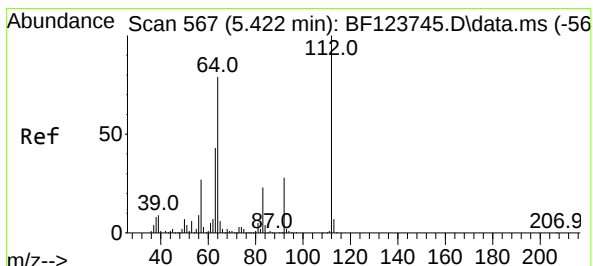
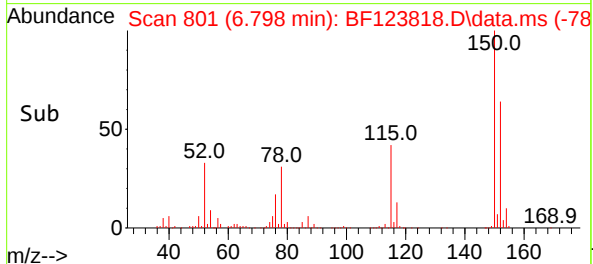
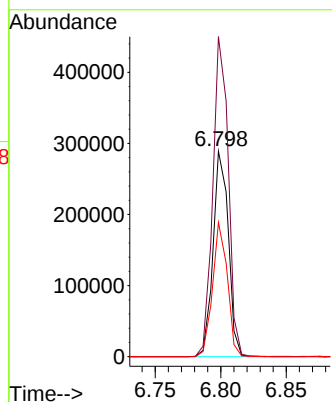
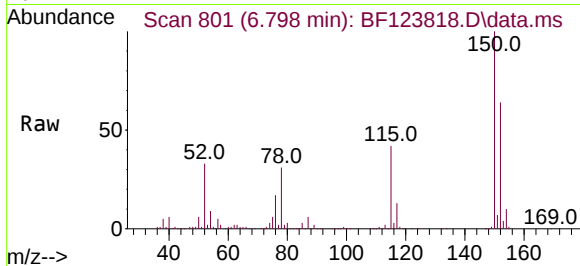




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.012 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

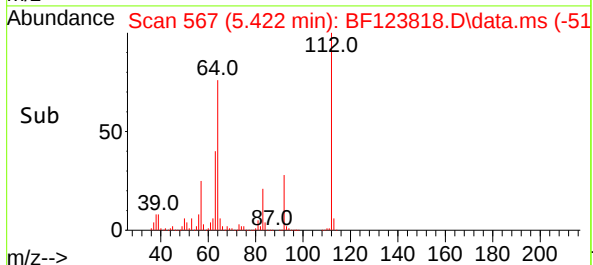
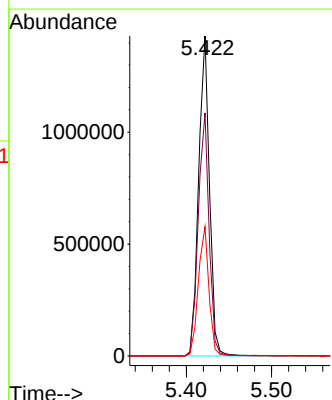
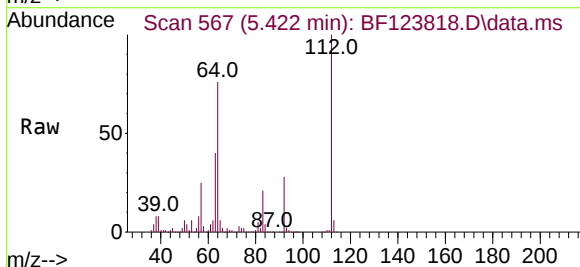
Instrument :  
BNA\_F  
ClientSampleId :  
R2-A-D-COMP

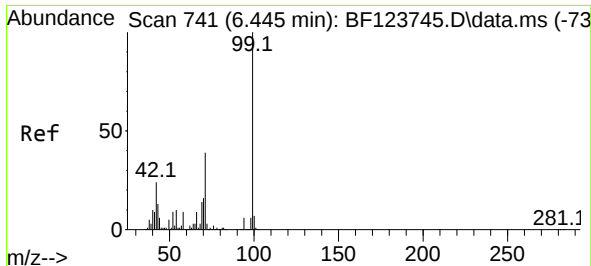
Tgt Ion:152 Resp: 234177  
Ion Ratio Lower Upper  
152 100  
150 155.8 127.0 190.6  
115 65.3 54.3 81.5



#5  
2-Fluorophenol  
Concen: 85.79 ng  
RT: 5.422 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

Tgt Ion:112 Resp: 1268106  
Ion Ratio Lower Upper  
112 100  
64 75.9 61.4 92.0  
63 40.4 33.0 49.4

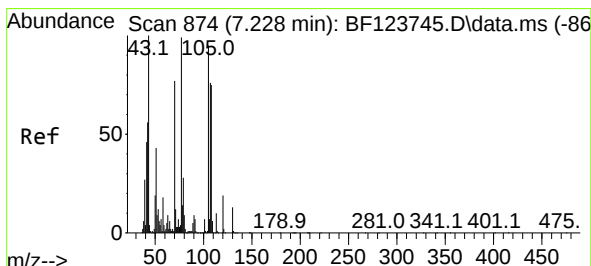
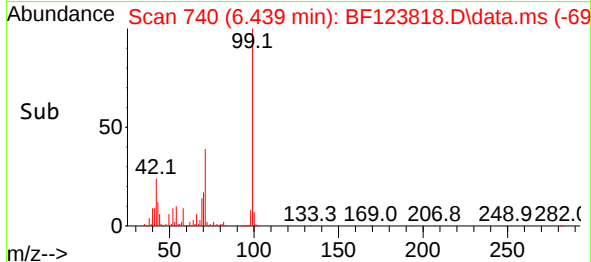
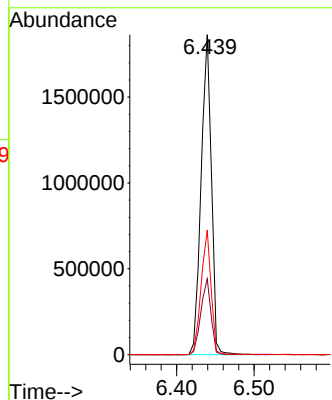
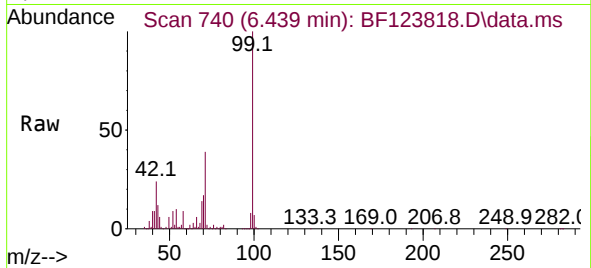




#7  
Phenol-d6  
Concen: 84.24 ng  
RT: 6.439 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

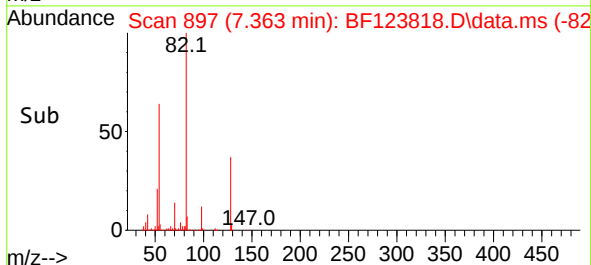
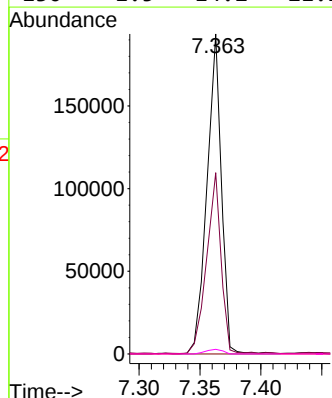
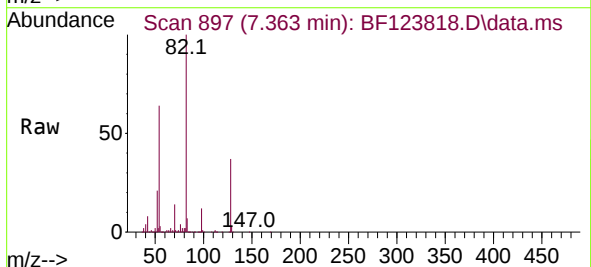
Instrument :  
BNA\_F  
ClientSampleId :  
R2-A-D-COMP

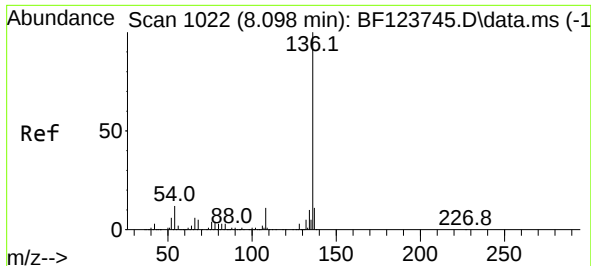
Tgt Ion: 99 Resp: 1715274  
Ion Ratio Lower Upper  
99 100  
42 23.7 19.8 29.8  
71 38.9 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.72 ng  
RT: 7.363 min Scan# 897  
Delta R.T. 0.135 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

Tgt Ion: 70 Resp: 159954  
Ion Ratio Lower Upper  
70 100  
42 56.6 60.1 90.1#  
101 0.0 7.4 11.2#  
130 1.5 14.2 21.2#



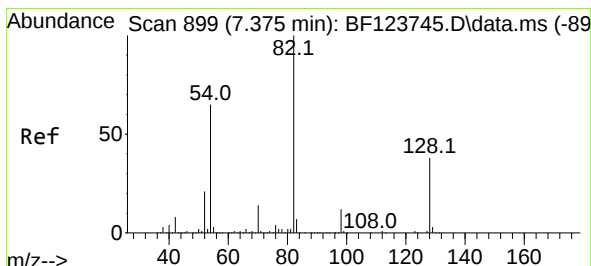
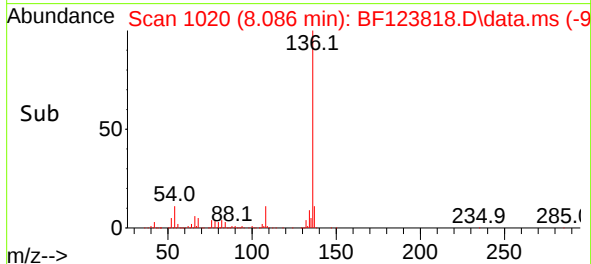
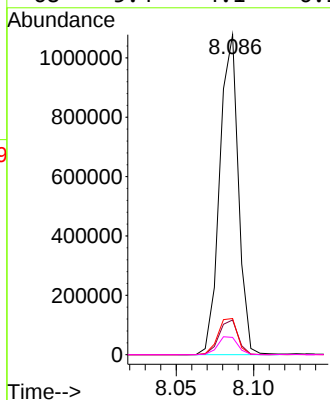
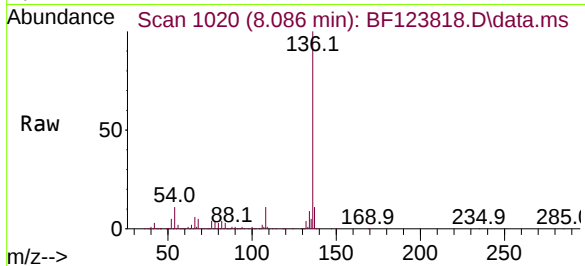


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. -0.012 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
R2-A-D-COMP

Tgt Ion:136 Resp: 903327

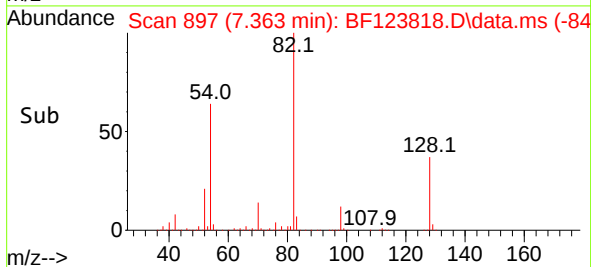
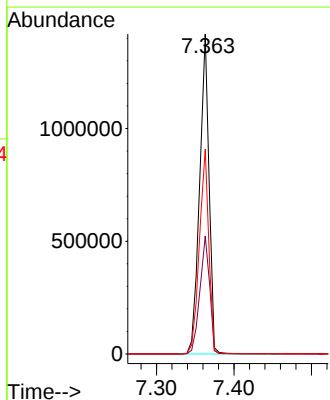
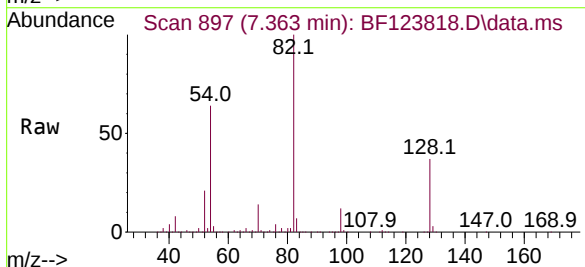
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 11.3  | 9.8   | 14.6  |
| 68  | 5.4   | 4.1   | 6.1   |

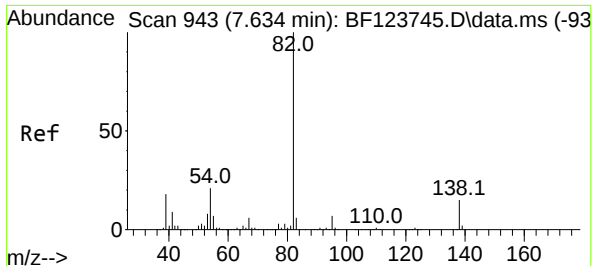


#23  
Nitrobenzene-d5  
Concen: 60.12 ng  
RT: 7.363 min Scan# 897  
Delta R.T. -0.012 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

Tgt Ion: 82 Resp: 1203071

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.9  | 29.4  | 44.2  |
| 54  | 64.0  | 54.1  | 81.1  |

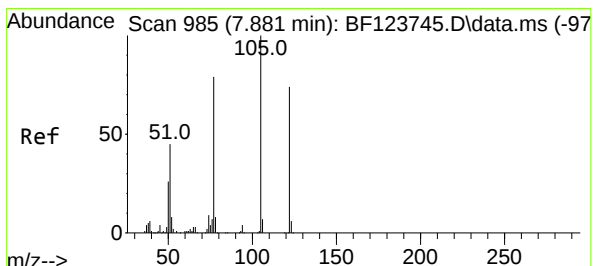
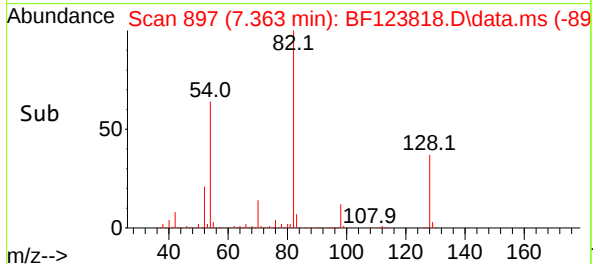
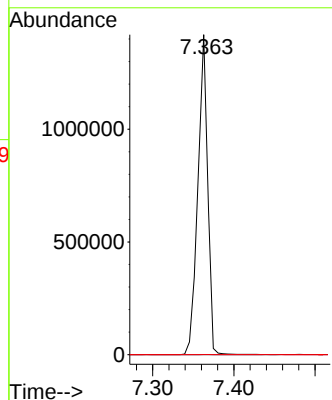
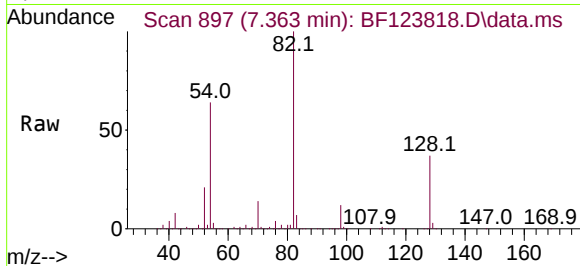




#25  
Isophorone  
Concen: 32.06 ng  
RT: 7.363 min Scan# 897  
Delta R.T. -0.271 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

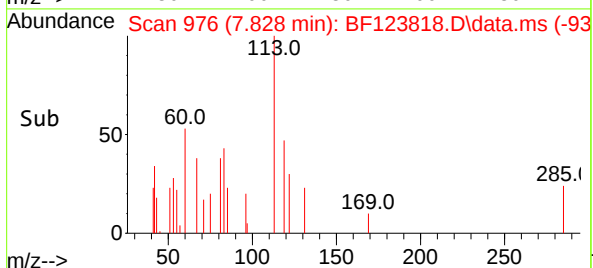
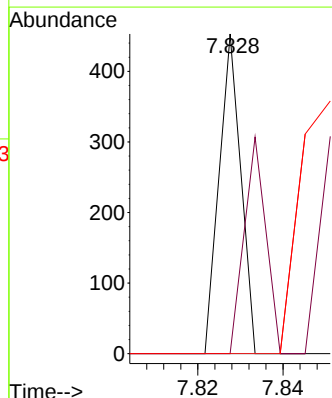
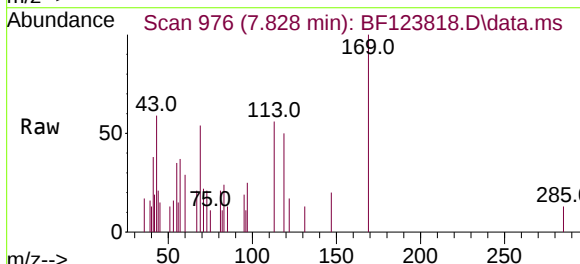
Instrument :  
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ClientSampleId :  
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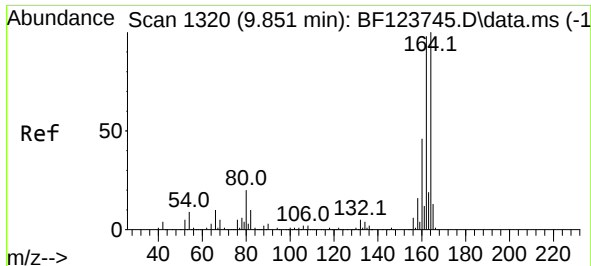
Tgt Ion: 82 Resp: 1203056  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#32  
Benzoic acid  
Concen: 5.41 ng  
RT: 7.828 min Scan# 976  
Delta R.T. -0.053 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

Tgt Ion:122 Resp: 160  
Ion Ratio Lower Upper  
122 100  
105 0.0 107.8 147.8#  
77 0.0 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.012 min

Lab File: BF123818.D

Acq: 4 May 2021 20:24

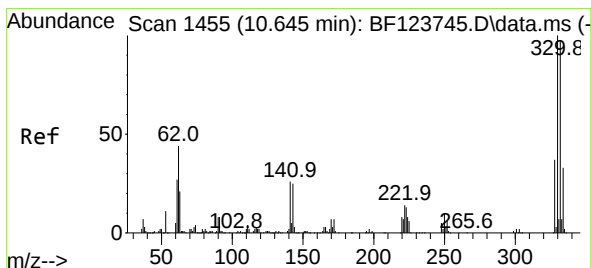
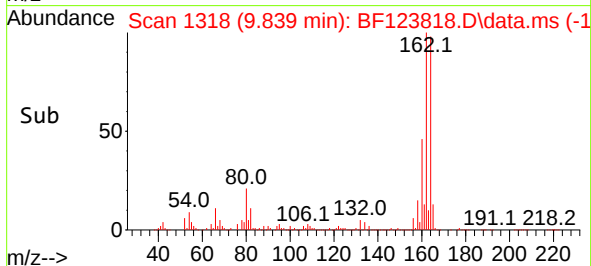
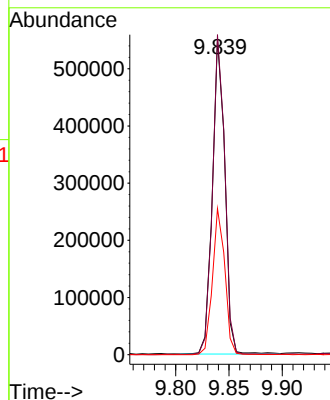
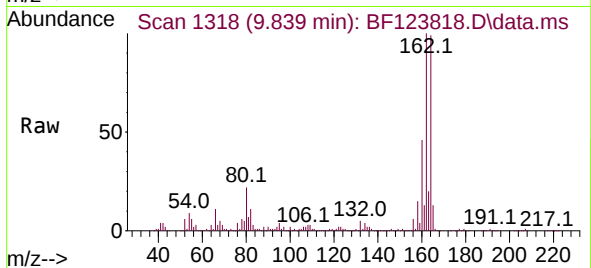
Tgt Ion:164 Resp: 449086

Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

160 46.3 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 74.69 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF123818.D

Acq: 4 May 2021 20:24

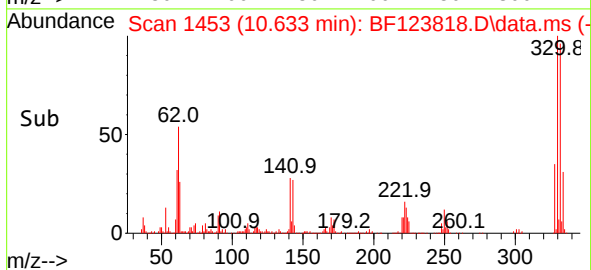
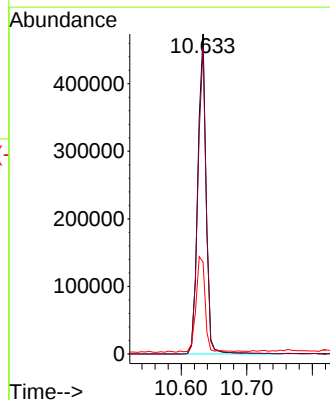
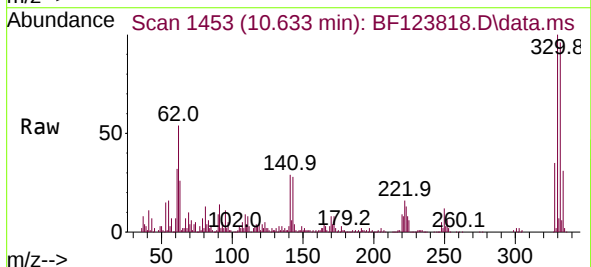
Tgt Ion:330 Resp: 417583

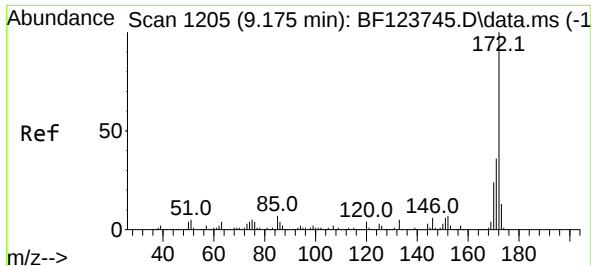
Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

141 33.1 27.9 41.9

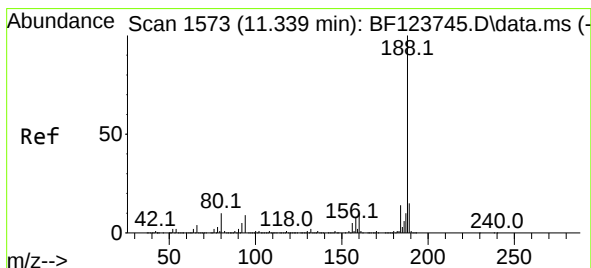
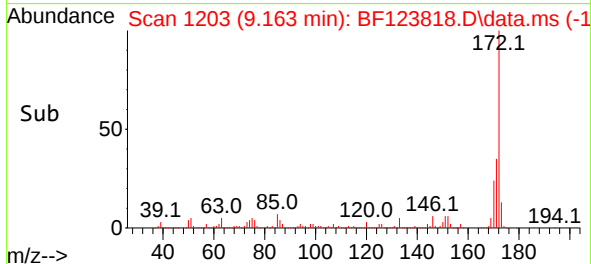
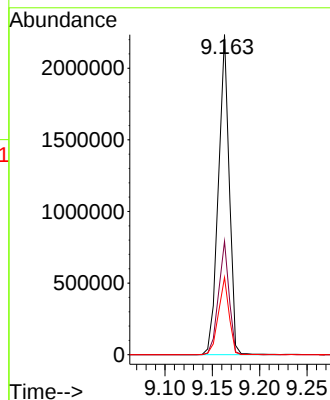
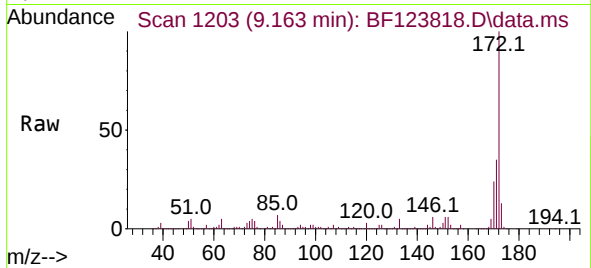




#45  
2-Fluorobiphenyl  
Concen: 57.97 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. -0.012 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

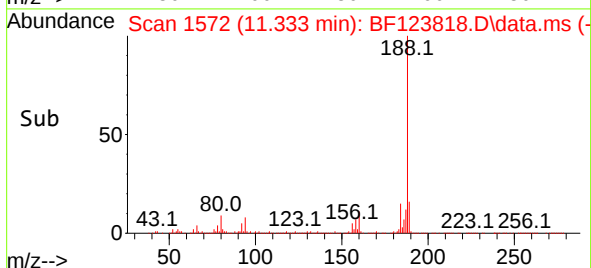
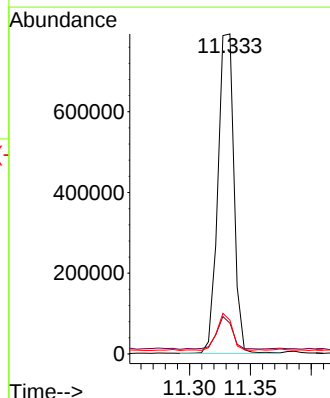
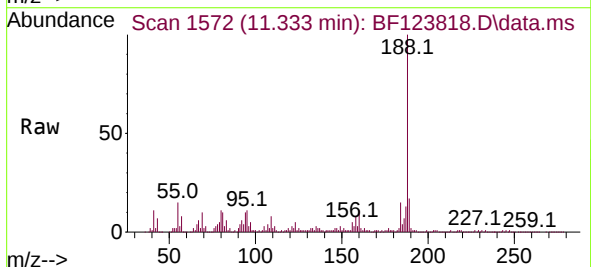
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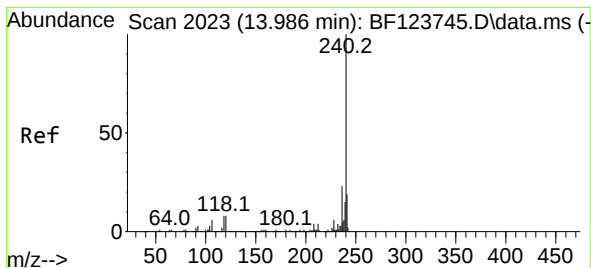
Tgt Ion:172 Resp: 1787498  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.1 42.1  
170 24.1 19.2 28.8



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

Tgt Ion:188 Resp: 727493  
Ion Ratio Lower Upper  
188 100  
94 9.6 6.9 10.3  
80 10.6 8.2 12.2

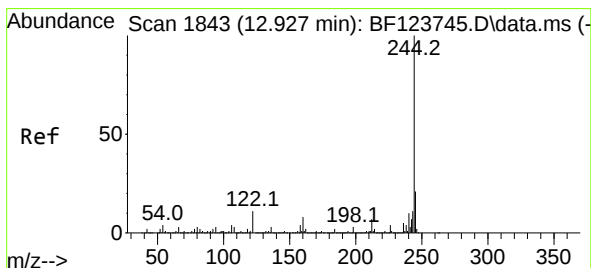
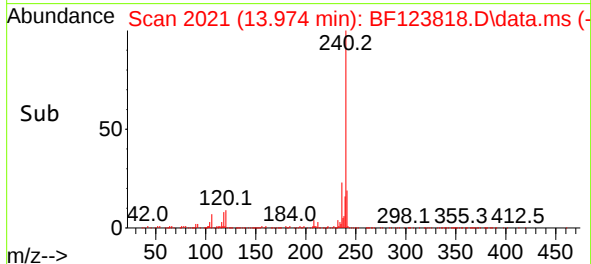
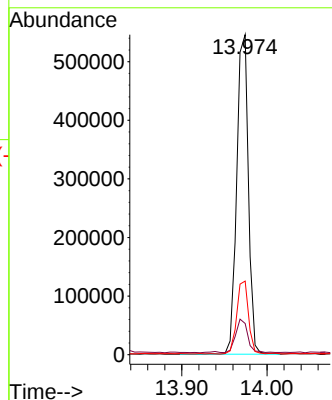
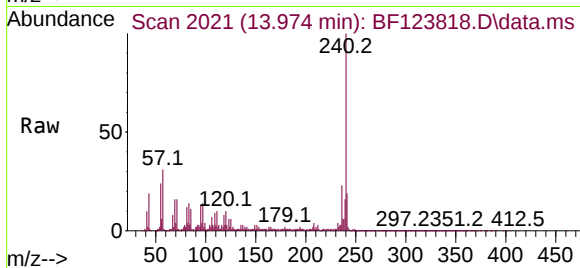




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.012 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

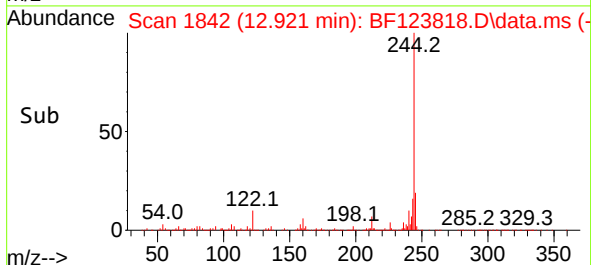
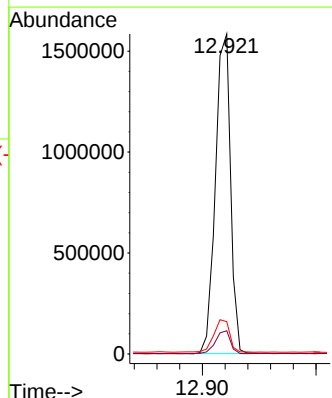
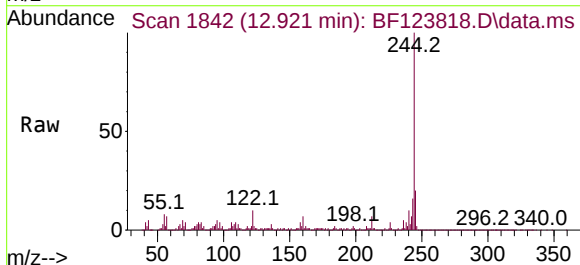
Instrument :  
BNA\_F  
ClientSampleId :  
R2-A-D-COMP

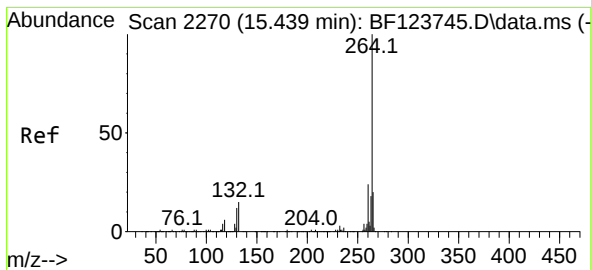
Tgt Ion:240 Resp: 517908  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.2 10.8  
236 23.0 19.0 28.4



#79  
Terphenyl-d14  
Concen: 54.38 ng  
RT: 12.921 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

Tgt Ion:244 Resp: 1462554  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.7 8.5  
122 10.1 9.7 14.5





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.427 min Scan# 2268  
Delta R.T. -0.012 min  
Lab File: BF123818.D  
Acq: 4 May 2021 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
R2-A-D-COMP

Tgt Ion:264 Resp: 517160  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 18.7  | 28.1  |
| 265 | 22.6  | 17.8  | 26.8  |

