

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042823\  
 Data File : BF133133.D  
 Acq On : 28 Apr 2023 21:25  
 Operator : CG\JU  
 Sample : 02504-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-512-COMP-01

Quant Time: May 01 03:08:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 01 03:03:04 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.734  | 152  | 166657   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.016  | 136  | 672032   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.769  | 164  | 348349   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.251 | 188  | 633741   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.880 | 240  | 478081   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.304 | 264  | 390063   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.363  | 112  | 1446604  | 131.123 | ng    | 0.02     |
| 7) Phenol-d6                | 6.375  | 99   | 1656812  | 120.992 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.298  | 82   | 1179868  | 94.766  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.563 | 330  | 537096   | 153.311 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.098  | 172  | 1992799  | 95.707  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.845 | 244  | 2524778  | 91.081  | ng    | 0.00     |

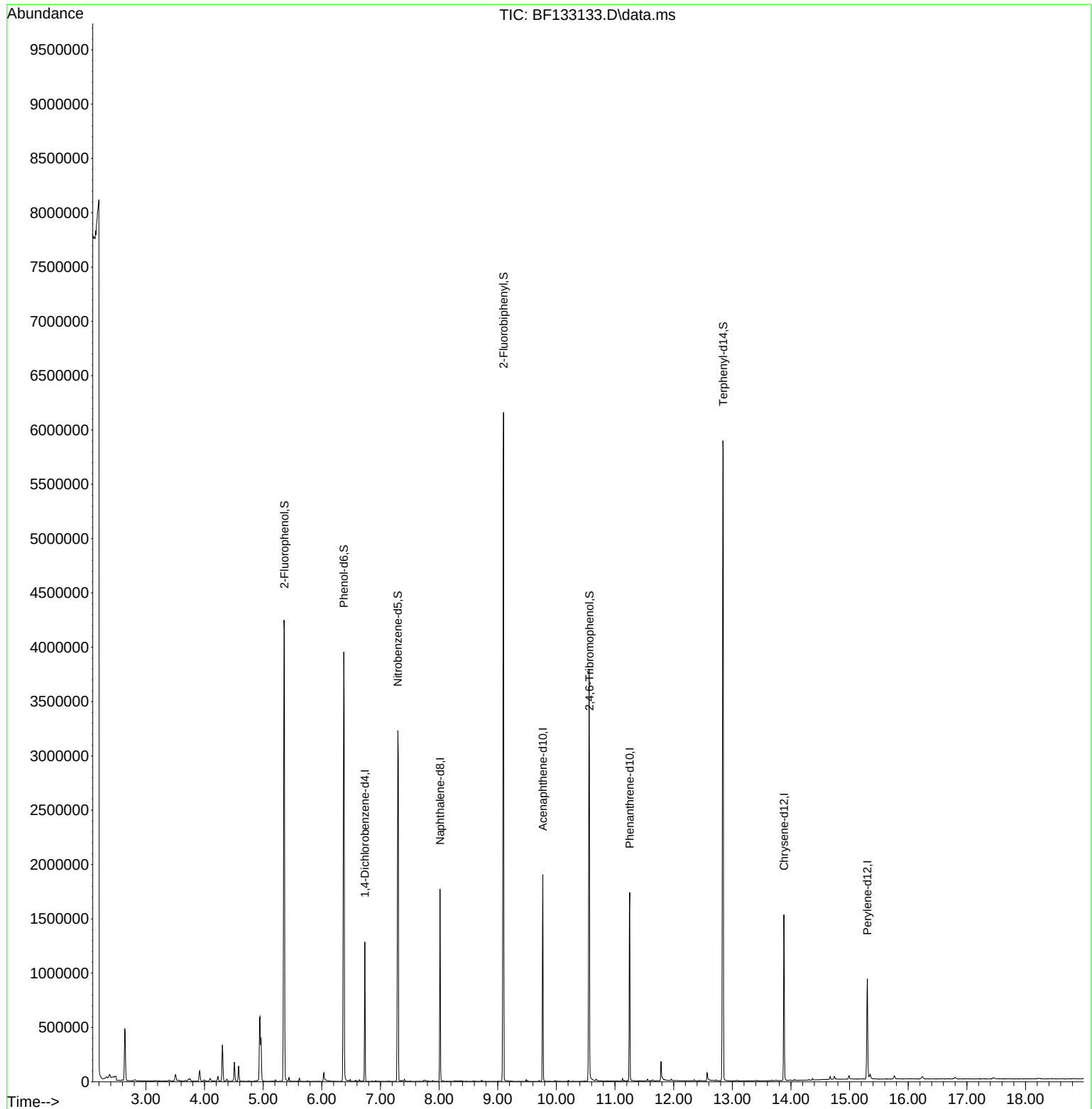
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

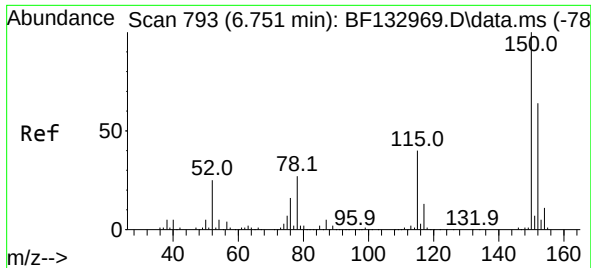
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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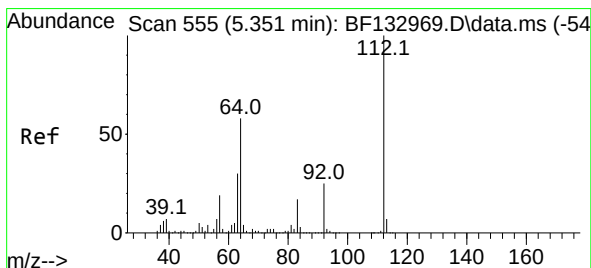
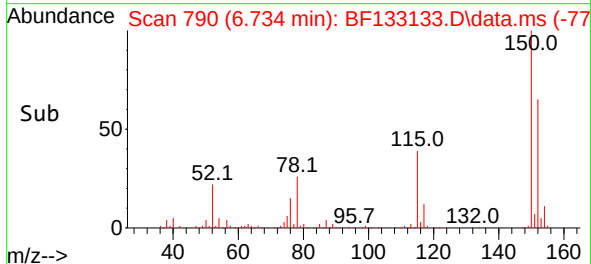
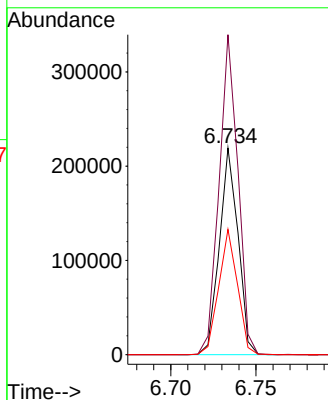
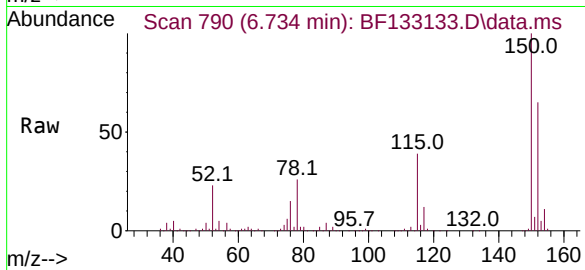




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.734 min Scan# 793  
 Delta R.T. -0.005 min  
 Lab File: BF133133.D  
 Acq: 28 Apr 2023 21:25

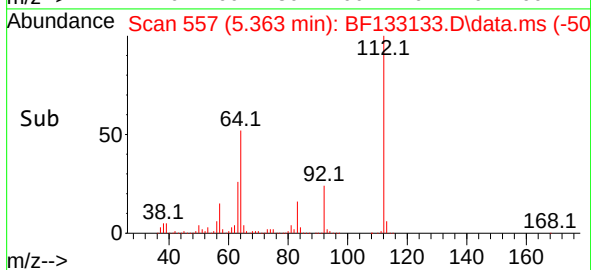
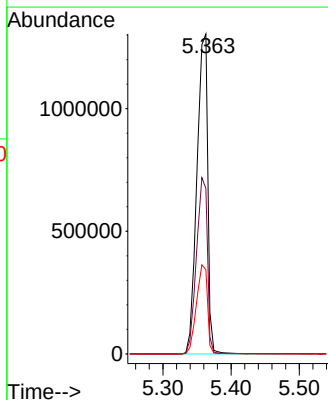
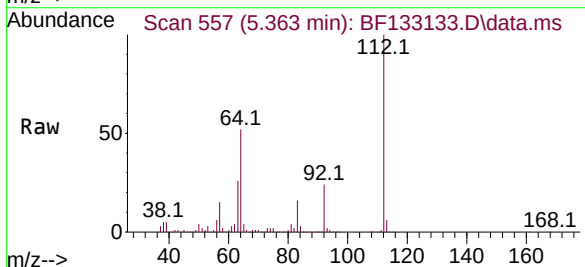
Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-512-COMP-01

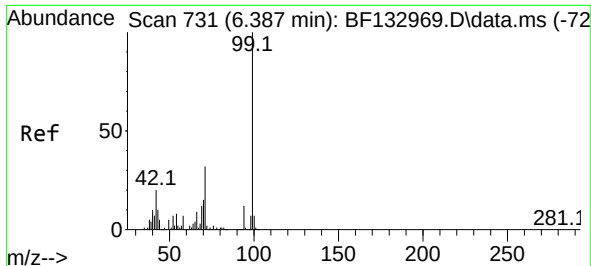
Tgt Ion:152 Resp: 166657  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 124.8 187.2  
 115 60.6 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 131.123 ng  
 RT: 5.363 min Scan# 557  
 Delta R.T. 0.024 min  
 Lab File: BF133133.D  
 Acq: 28 Apr 2023 21:25

Tgt Ion:112 Resp: 1446604  
 Ion Ratio Lower Upper  
 112 100  
 64 51.7 46.8 70.2  
 63 26.3 23.8 35.8





#7

Phenol-d6

Concen: 120.992 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133133.D

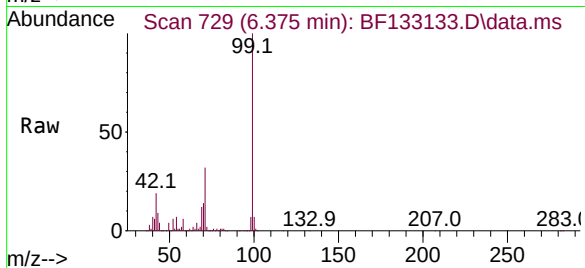
Acq: 28 Apr 2023 21:25

Instrument :

BNA\_F

ClientSampleId :

BU-512-COMP-01



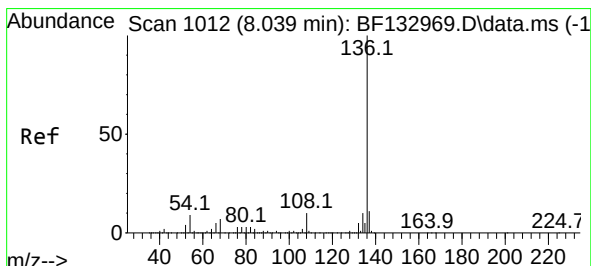
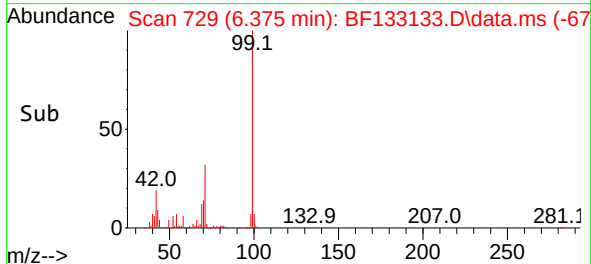
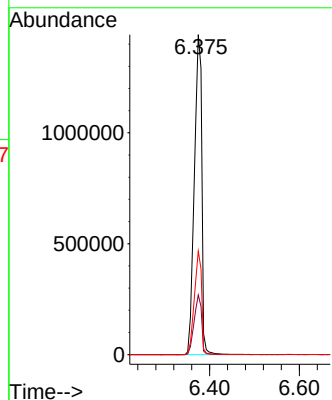
Tgt Ion: 99 Resp: 1656812

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

71 32.4 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF133133.D

Acq: 28 Apr 2023 21:25

Tgt Ion: 136 Resp: 672032

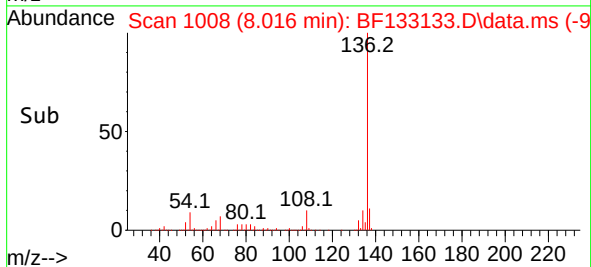
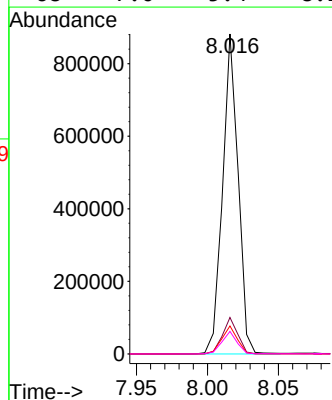
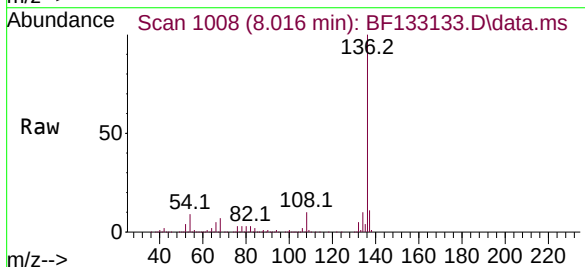
Ion Ratio Lower Upper

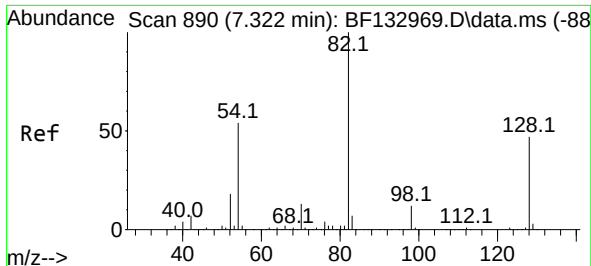
136 100

137 11.4 8.6 13.0

54 8.7 7.0 10.4

68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 94.766 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133133.D

Acq: 28 Apr 2023 21:25

Instrument :

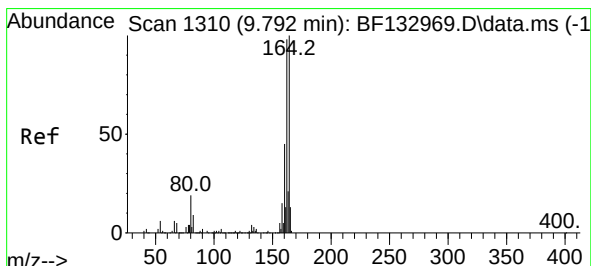
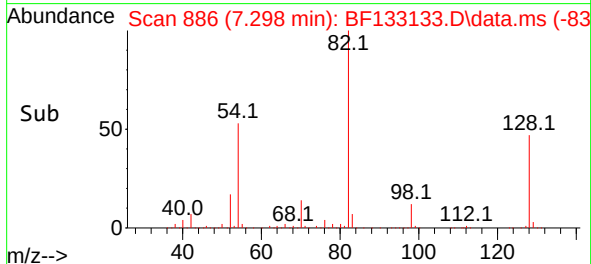
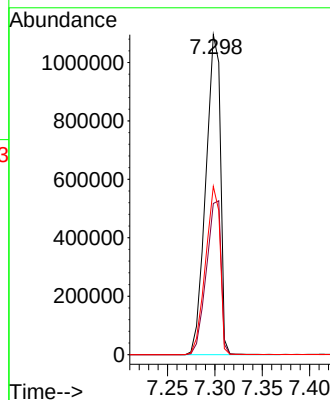
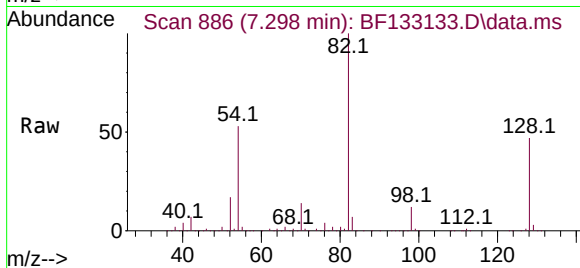
BNA\_F

ClientSampleId :

BU-512-COMP-01

Tgt Ion: 82 Resp: 1179868

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.2  | 37.7  | 56.5  |
| 54  | 52.6  | 43.0  | 64.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

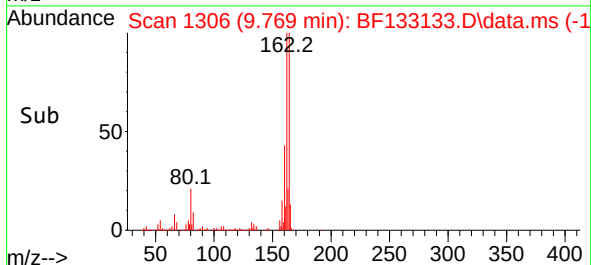
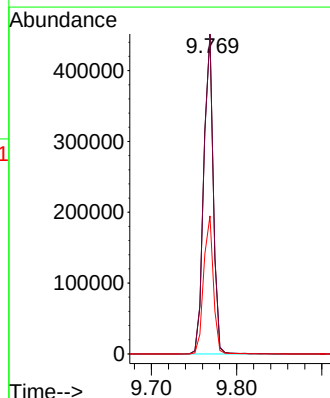
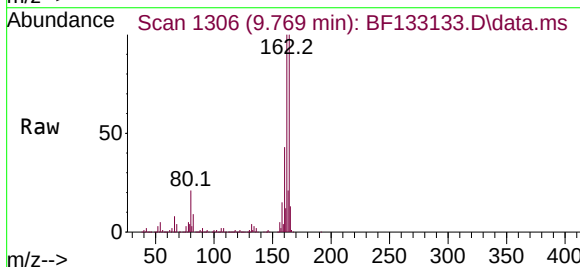
Delta R.T. -0.006 min

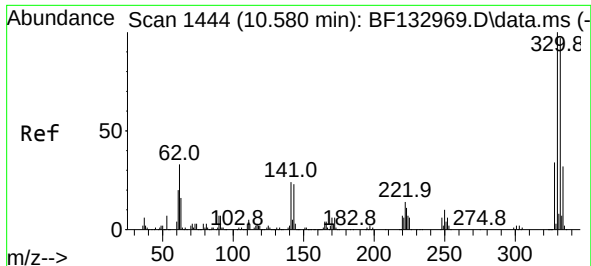
Lab File: BF133133.D

Acq: 28 Apr 2023 21:25

Tgt Ion:164 Resp: 348349

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.3 | 78.7  | 118.1 |
| 160 | 43.2  | 35.8  | 53.6  |

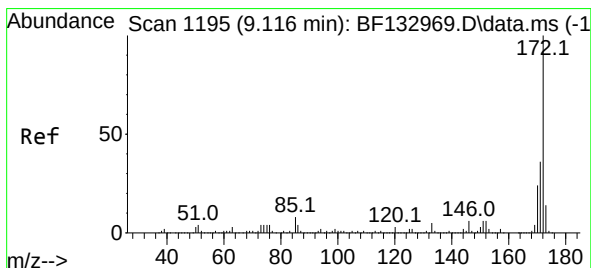
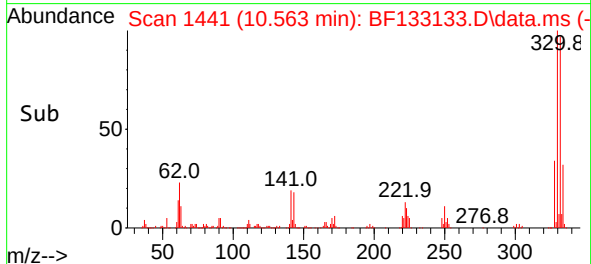
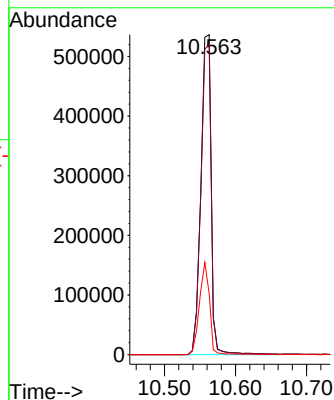
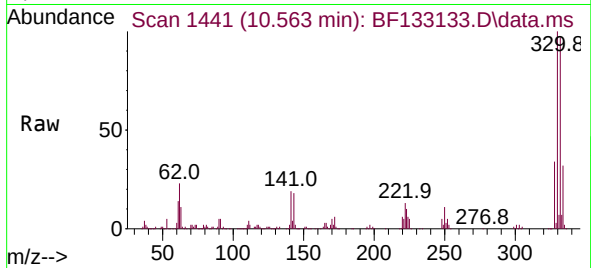




#42  
2,4,6-Tribromophenol  
Concen: 153.311 ng  
RT: 10.563 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BF133133.D  
Acq: 28 Apr 2023 21:25

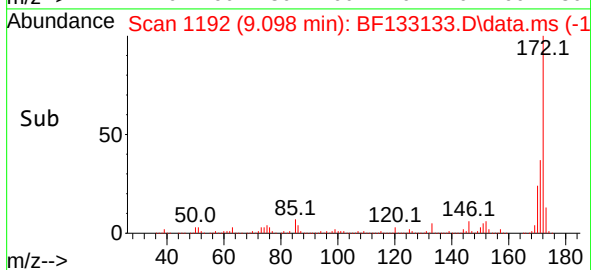
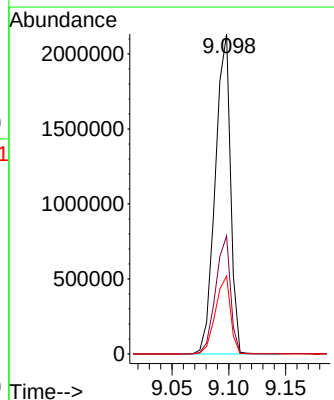
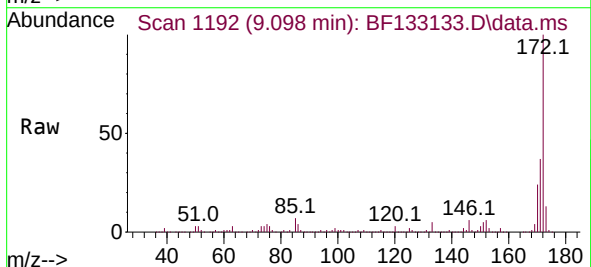
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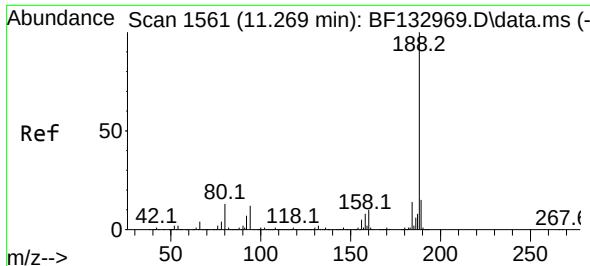
Tgt Ion:330 Resp: 537096  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.1 115.7  
141 28.4 25.8 38.8



#45  
2-Fluorobiphenyl  
Concen: 95.707 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. -0.000 min  
Lab File: BF133133.D  
Acq: 28 Apr 2023 21:25

Tgt Ion:172 Resp: 1992799  
Ion Ratio Lower Upper  
172 100  
171 36.9 28.8 43.2  
170 24.3 19.4 29.2

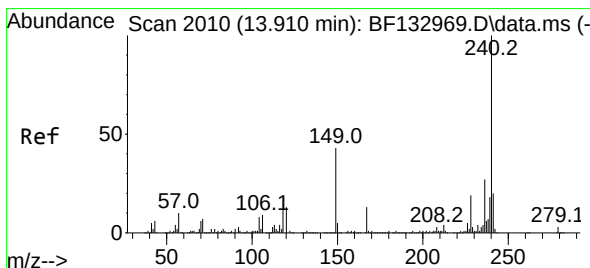
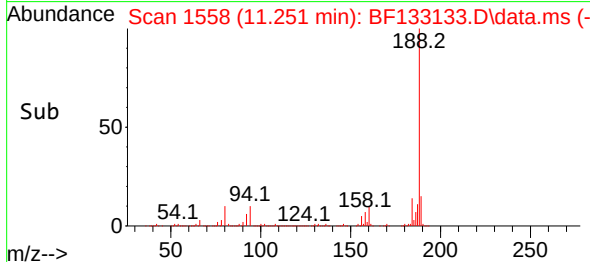
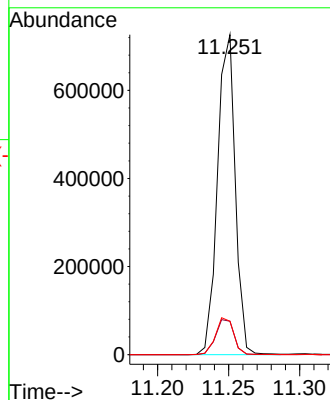
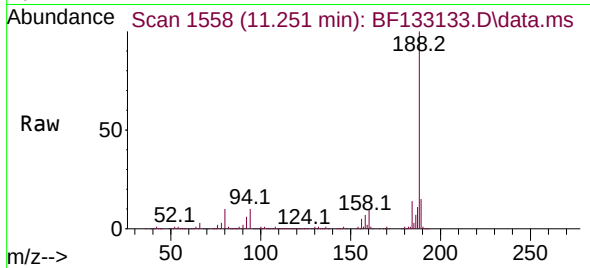




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.251 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF133133.D  
Acq: 28 Apr 2023 21:25

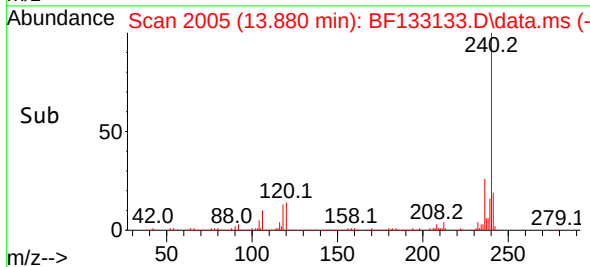
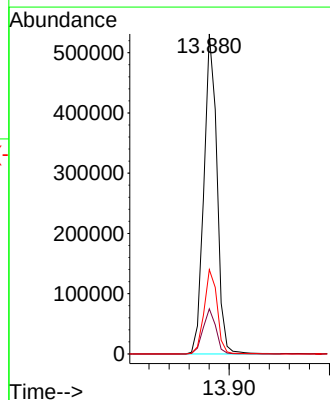
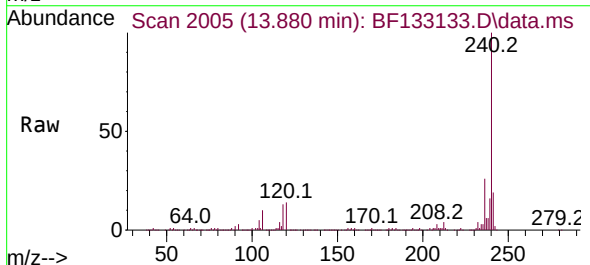
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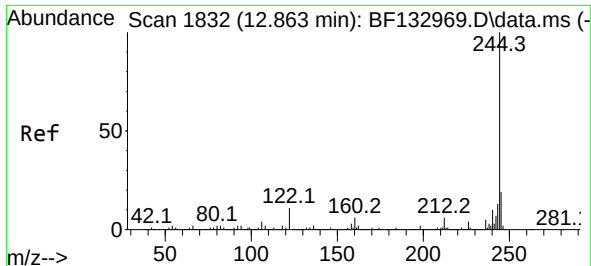
Tgt Ion:188 Resp: 633741  
Ion Ratio Lower Upper  
188 100  
94 10.4 9.7 14.5  
80 10.4 10.4 15.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.880 min Scan# 2005  
Delta R.T. -0.012 min  
Lab File: BF133133.D  
Acq: 28 Apr 2023 21:25

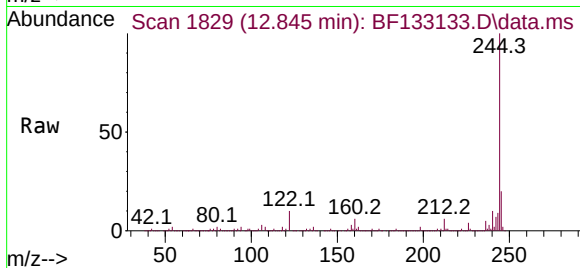
Tgt Ion:240 Resp: 478081  
Ion Ratio Lower Upper  
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120 14.1 10.5 15.7  
236 26.3 21.5 32.3



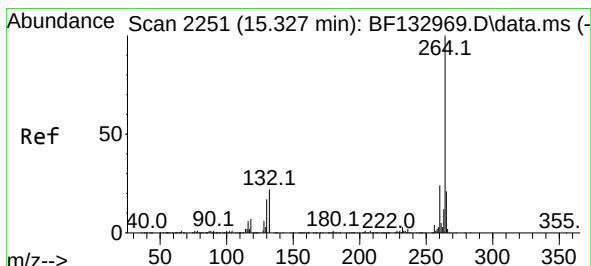
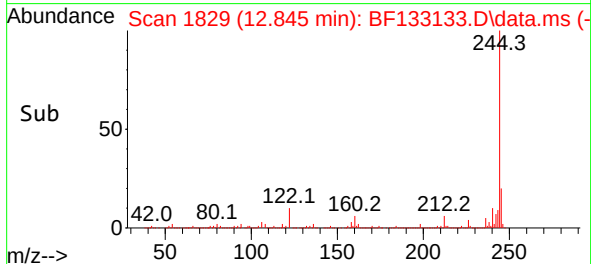
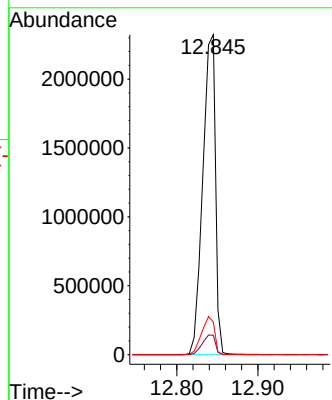


#79  
 Terphenyl-d14  
 Concen: 91.081 ng  
 RT: 12.845 min Scan# 1829  
 Delta R.T. 0.006 min  
 Lab File: BF133133.D  
 Acq: 28 Apr 2023 21:25

Instrument :  
 BNA\_F  
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 BU-512-COMP-01



Tgt Ion:244 Resp: 2524778  
 Ion Ratio Lower Upper  
 244 100  
 212 6.0 5.1 7.7  
 122 10.2 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.304 min Scan# 2247  
 Delta R.T. -0.006 min  
 Lab File: BF133133.D  
 Acq: 28 Apr 2023 21:25

Tgt Ion:264 Resp: 390063  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.8 28.2  
 265 21.2 17.0 25.4

