

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012324\  
 Data File : BF137138.D  
 Acq On : 23 Jan 2024 16:52  
 Operator : CG\JU  
 Sample : PB158491BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB158491BL

Quant Time: Jan 24 04:24:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 24 03:53:23 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.810  | 152  | 255904   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.087  | 136  | 1048667  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.845  | 164  | 530568   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.339 | 188  | 992488   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.992 | 240  | 725154   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.480 | 264  | 644853   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 2215475  | 134.688 | ng    | 0.02     |
| 7) Phenol-d6                | 6.451  | 99   | 2782533  | 135.582 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.381  | 82   | 1884341  | 109.221 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.645 | 330  | 766461   | 165.681 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.175  | 172  | 3047002  | 87.707  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 3787939  | 74.695  | ng    | 0.01     |

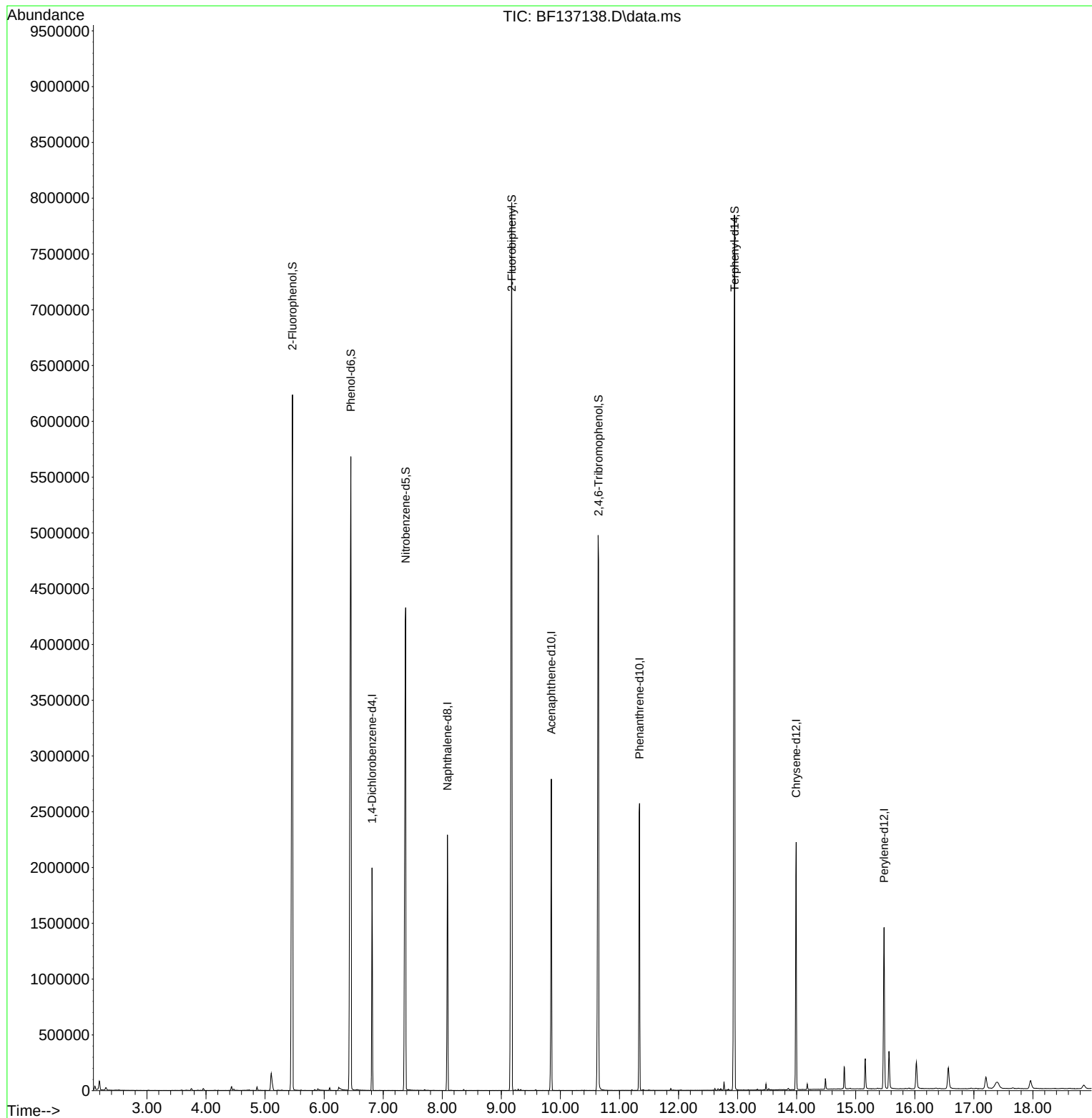
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

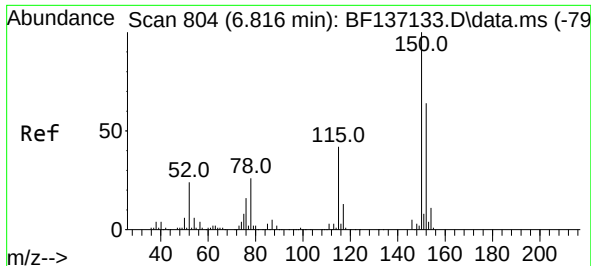
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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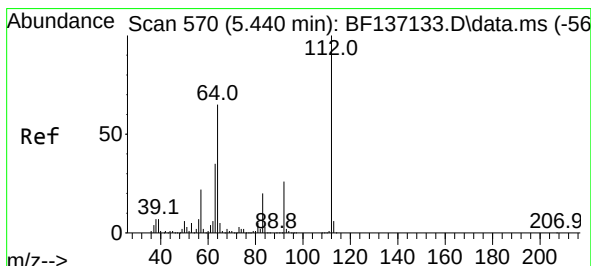
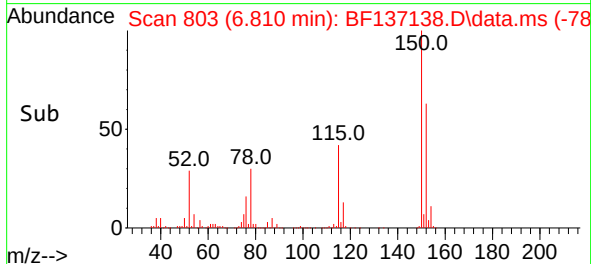
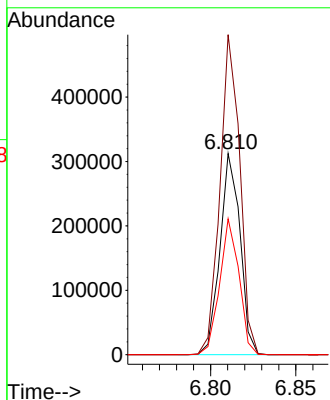
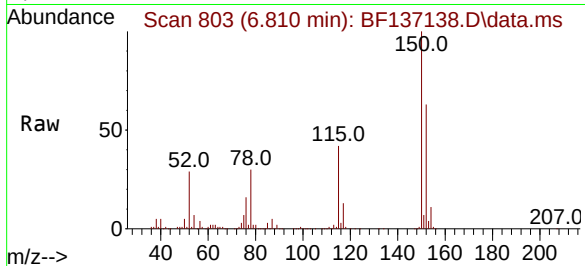




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.810 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF137138.D  
Acq: 23 Jan 2024 16:52

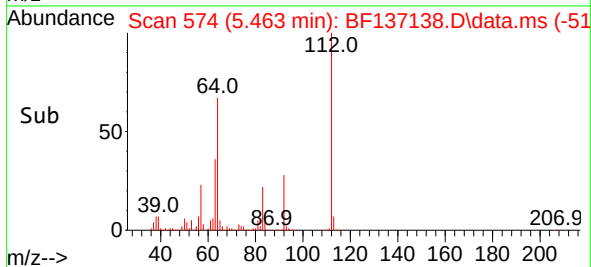
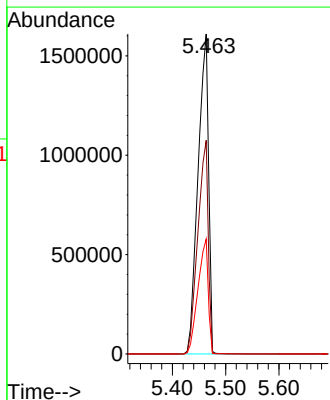
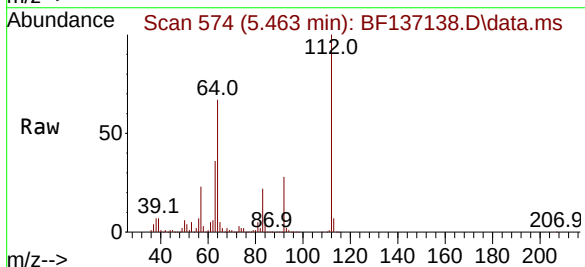
Instrument :  
BNA\_F  
ClientSampleId :  
PB158491BL

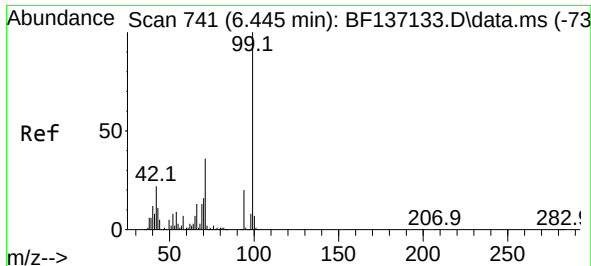
Tgt Ion:152 Resp: 255904  
Ion Ratio Lower Upper  
152 100  
150 159.2 125.6 188.4  
115 67.6 52.3 78.5



#5  
2-Fluorophenol  
Concen: 134.688 ng  
RT: 5.463 min Scan# 574  
Delta R.T. 0.024 min  
Lab File: BF137138.D  
Acq: 23 Jan 2024 16:52

Tgt Ion:112 Resp: 2215475  
Ion Ratio Lower Upper  
112 100  
64 66.7 52.4 78.6  
63 35.9 27.6 41.4





#7

Phenol-d6

Concen: 135.582 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137138.D

Acq: 23 Jan 2024 16:52

Instrument :

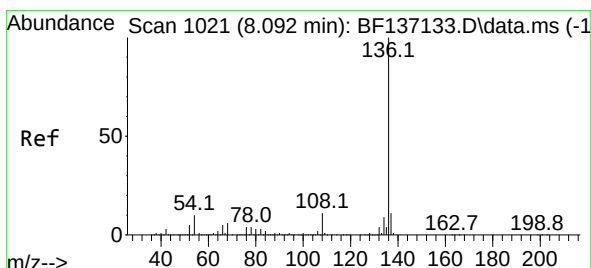
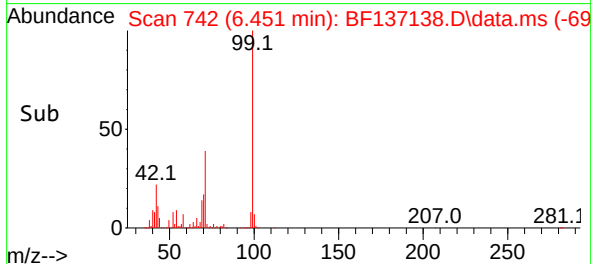
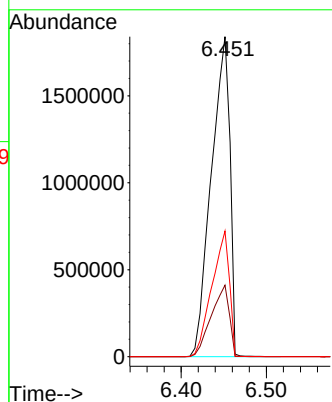
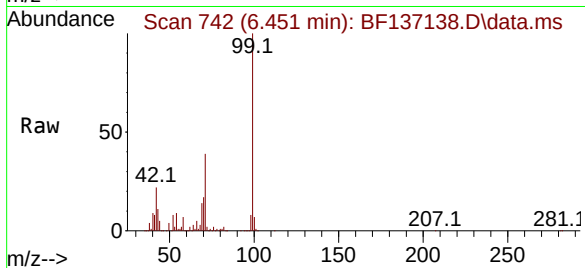
BNA\_F

ClientSampleId :

PB158491BL

Tgt Ion: 99 Resp: 2782533

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.4  | 17.4  | 26.2  |
| 71  | 39.3  | 29.0  | 43.4  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.087 min Scan# 1020

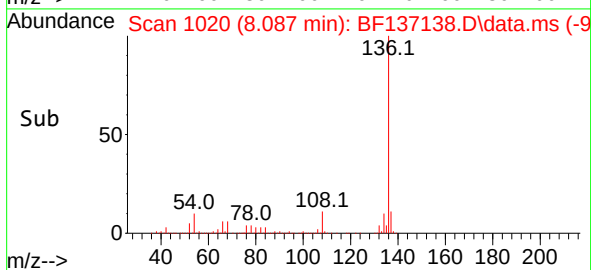
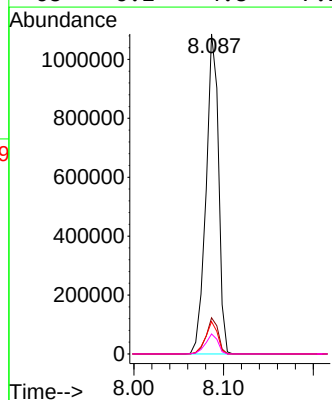
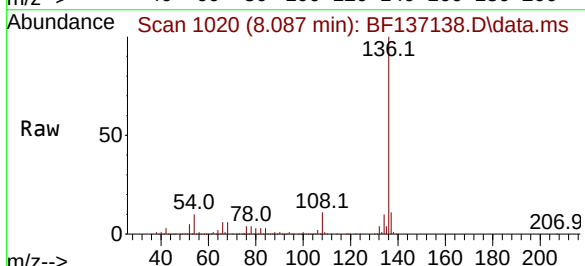
Delta R.T. -0.005 min

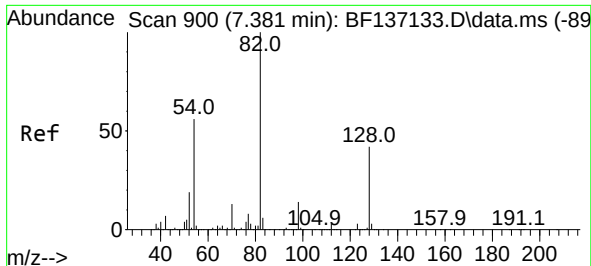
Lab File: BF137138.D

Acq: 23 Jan 2024 16:52

Tgt Ion: 136 Resp: 1048667

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.9   | 13.3  |
| 54  | 10.1  | 7.8   | 11.6  |
| 68  | 6.2   | 4.8   | 7.2   |





#23

Nitrobenzene-d5

Concen: 109.221 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF137138.D

Acq: 23 Jan 2024 16:52

Instrument :

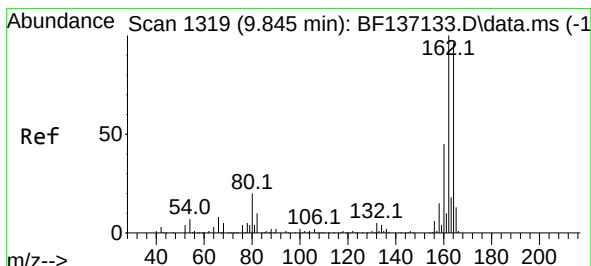
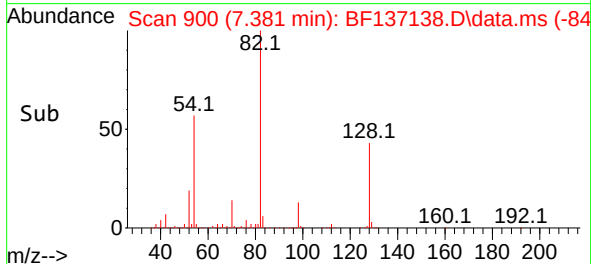
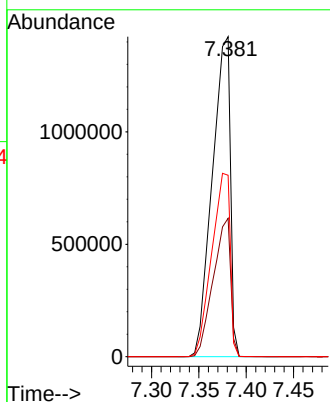
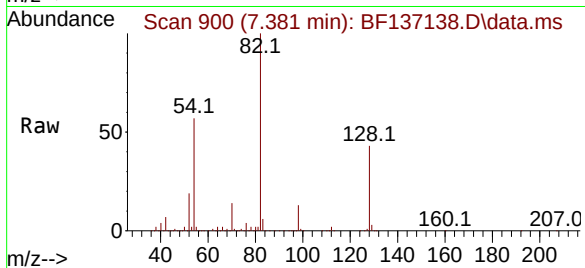
BNA\_F

ClientSampleId :

PB158491BL

Tgt Ion: 82 Resp: 1884341

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.2  | 33.8  | 50.6  |
| 54  | 56.7  | 44.9  | 67.3  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

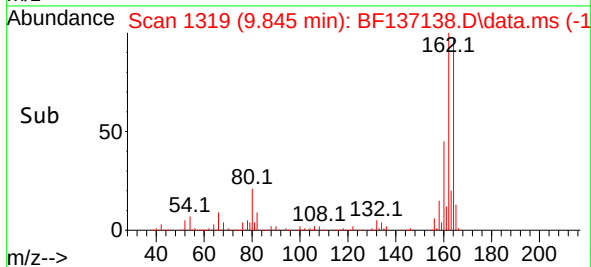
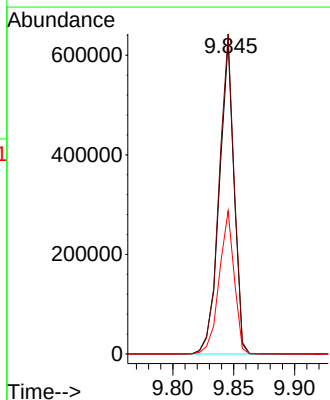
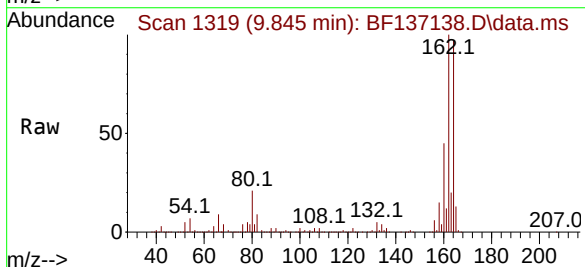
Delta R.T. 0.000 min

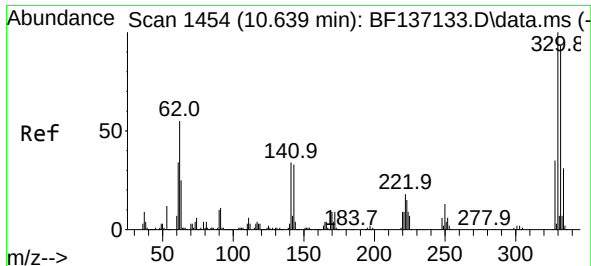
Lab File: BF137138.D

Acq: 23 Jan 2024 16:52

Tgt Ion: 164 Resp: 530568

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.7 | 82.9  | 124.3 |
| 160 | 45.9  | 37.3  | 55.9  |

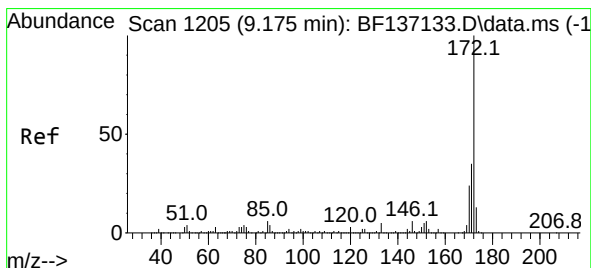
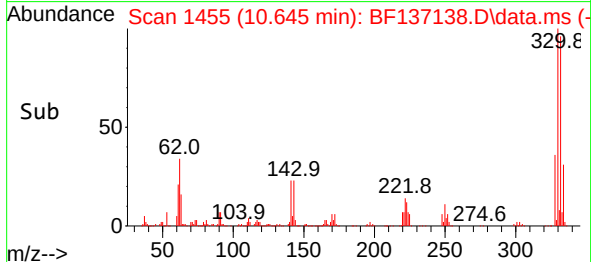
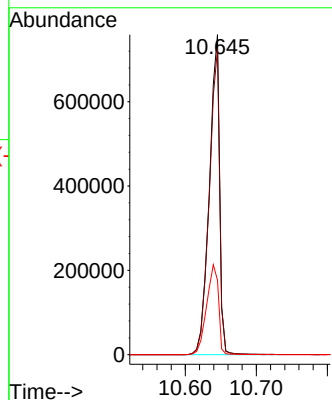
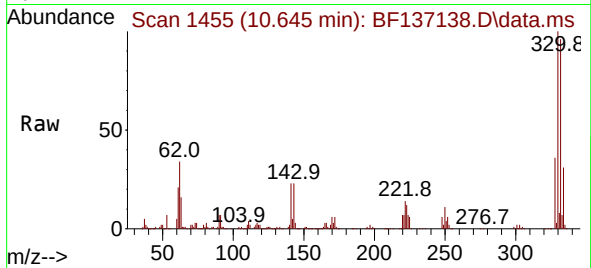




#42  
2,4,6-Tribromophenol  
Concen: 165.681 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. 0.006 min  
Lab File: BF137138.D  
Acq: 23 Jan 2024 16:52

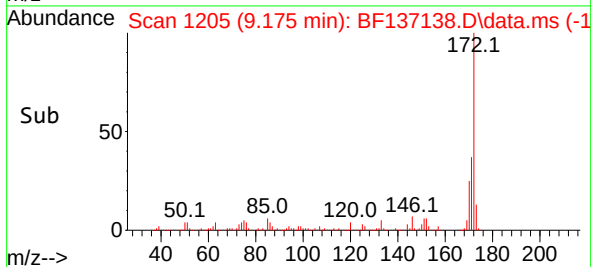
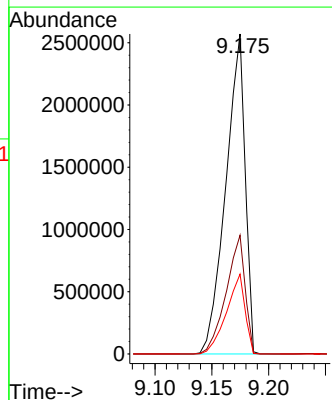
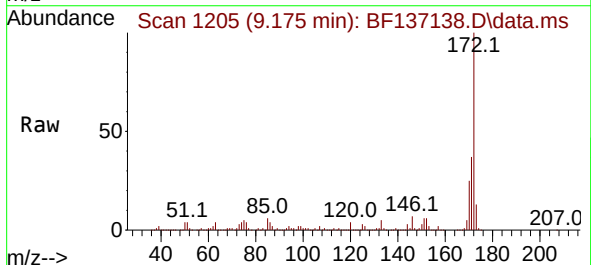
Instrument :  
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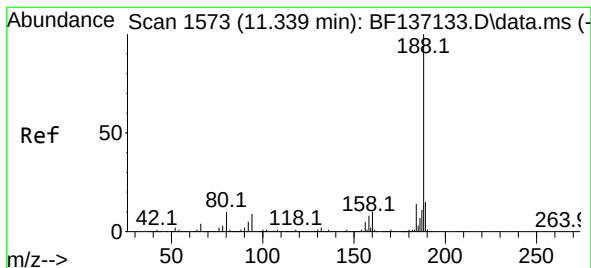
Tgt Ion:330 Resp: 766461  
Ion Ratio Lower Upper  
330 100  
332 96.1 74.8 112.2  
141 32.4 30.3 45.5



#45  
2-Fluorobiphenyl  
Concen: 87.707 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. 0.000 min  
Lab File: BF137138.D  
Acq: 23 Jan 2024 16:52

Tgt Ion:172 Resp: 3047002  
Ion Ratio Lower Upper  
172 100  
171 37.1 28.4 42.6  
170 25.0 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF137138.D

Acq: 23 Jan 2024 16:52

Instrument :

BNA\_F

ClientSampleId :

PB158491BL

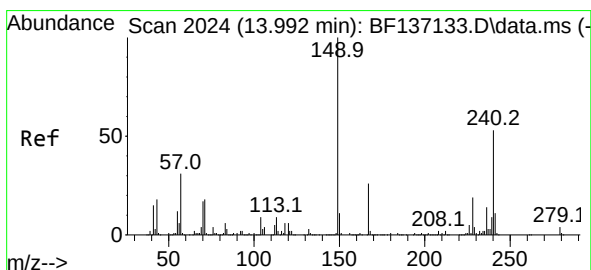
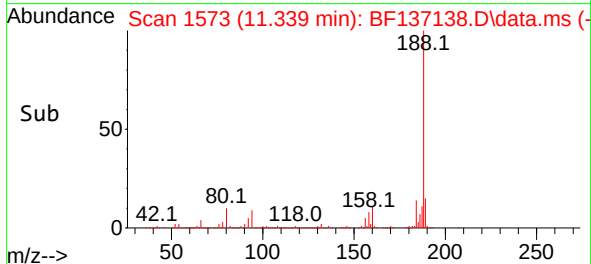
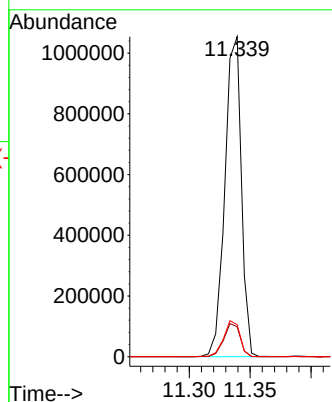
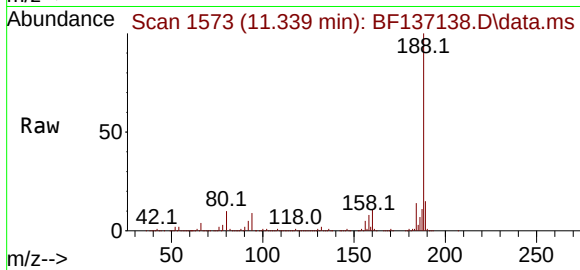
Tgt Ion:188 Resp: 992488

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 10.0 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF137138.D

Acq: 23 Jan 2024 16:52

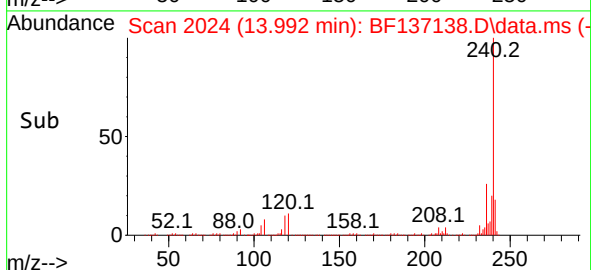
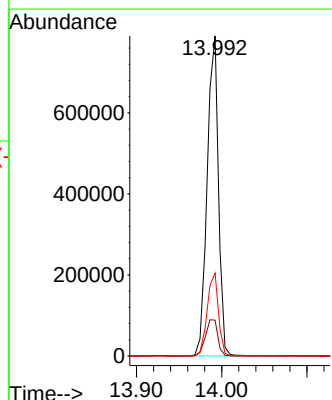
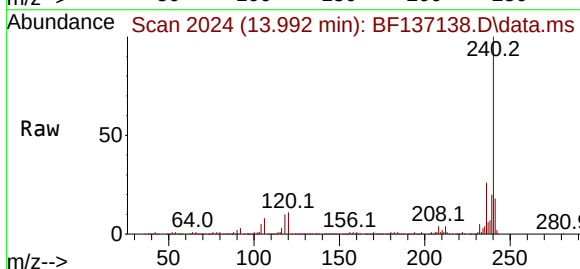
Tgt Ion:240 Resp: 725154

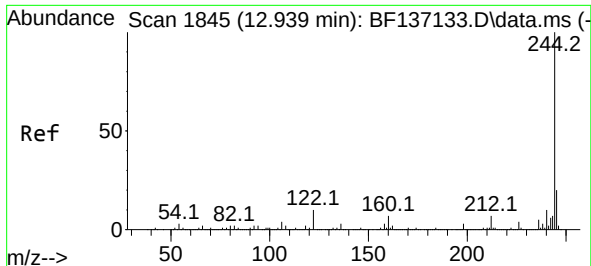
Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

236 25.9 21.4 32.2

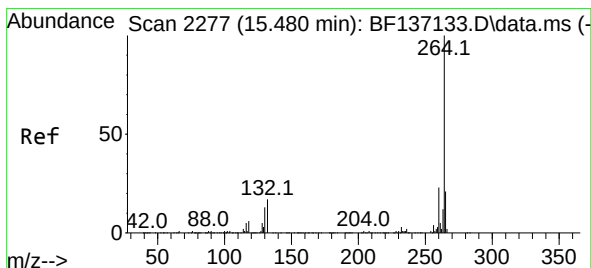
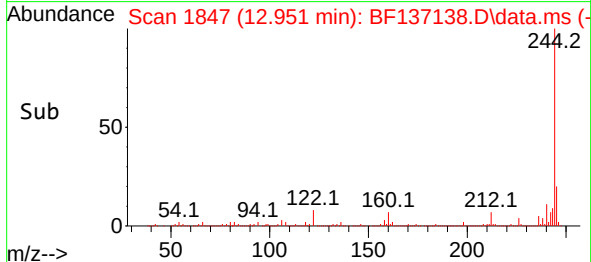
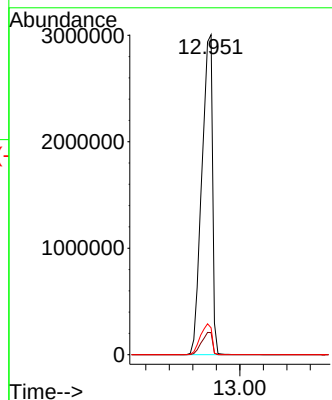
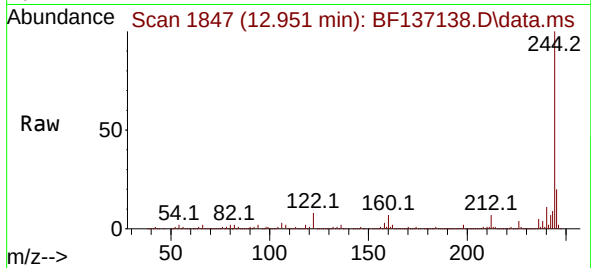




#79  
 Terphenyl-d14  
 Concen: 74.695 ng  
 RT: 12.951 min Scan# 1847  
 Delta R.T. 0.012 min  
 Lab File: BF137138.D  
 Acq: 23 Jan 2024 16:52

Instrument :  
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Tgt Ion:244 Resp: 3787939  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 8.4 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.480 min Scan# 2277  
 Delta R.T. 0.000 min  
 Lab File: BF137138.D  
 Acq: 23 Jan 2024 16:52

Tgt Ion:264 Resp: 644853  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.4 27.6  
 265 21.6 16.5 24.7

