

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102523\  
 Data File : BF135951.D  
 Acq On : 25 Oct 2023 20:28  
 Operator : CG\JU  
 Sample : PB156273BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB156273BL

Quant Time: Oct 26 04:33:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 26 03:58:01 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.822  | 152  | 161276   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.098  | 136  | 638435   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.857  | 164  | 322760   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.345 | 188  | 602976   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.998 | 240  | 431108   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.480 | 264  | 360795   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 1458593  | 139.656 | ng    | 0.02     |
| 7) Phenol-d6                | 6.457  | 99   | 1811737  | 139.336 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.387  | 82   | 1024616  | 101.492 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.651 | 330  | 476932   | 168.819 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 1899476  | 94.235  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 2286722  | 88.623  | ng    | 0.00     |

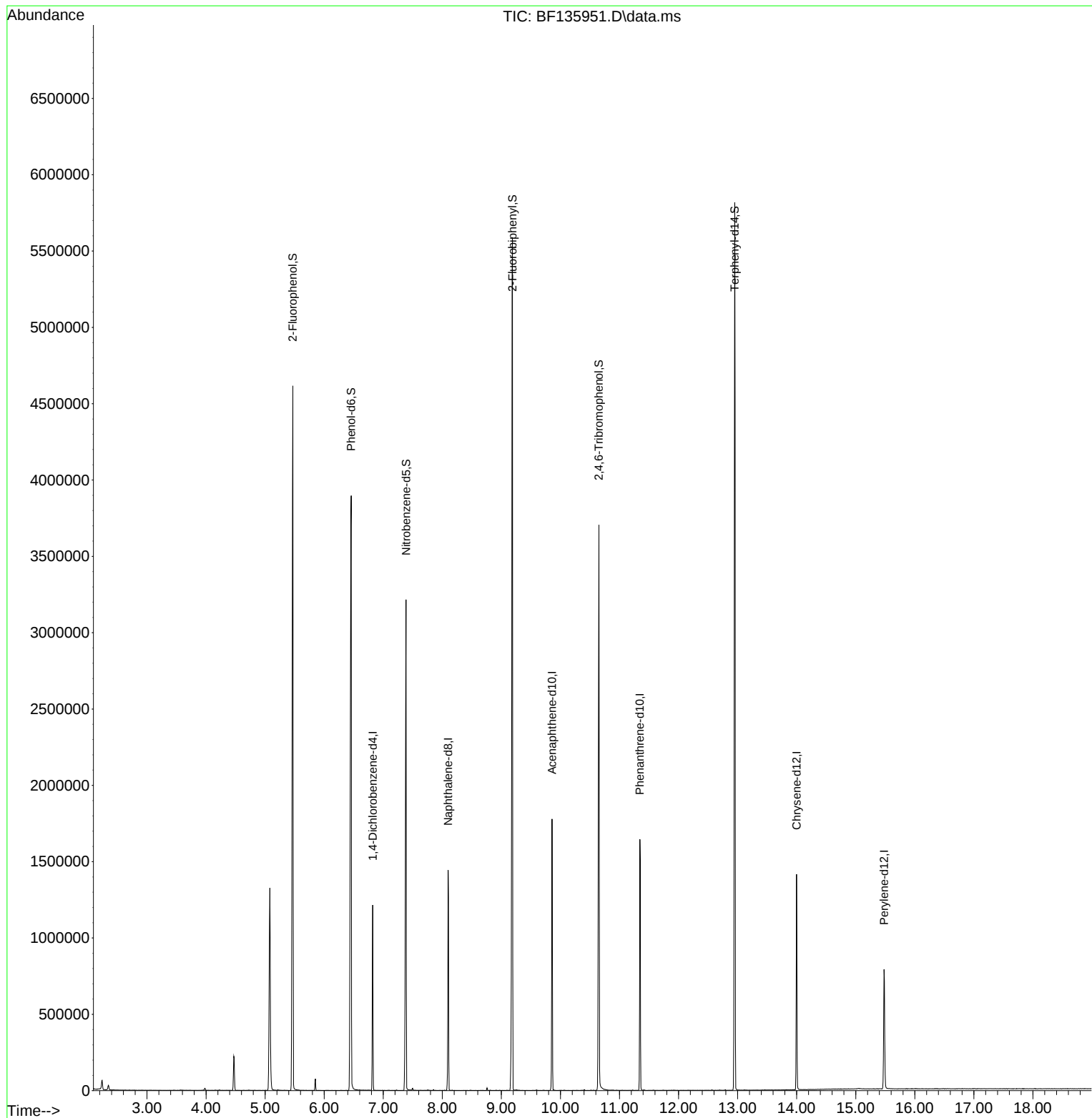
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

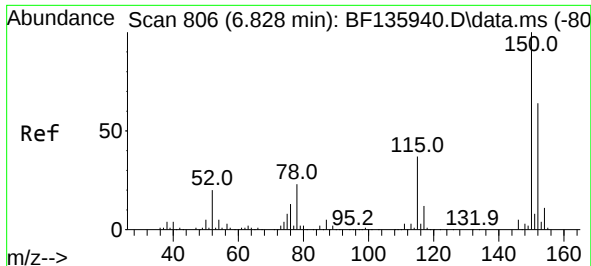
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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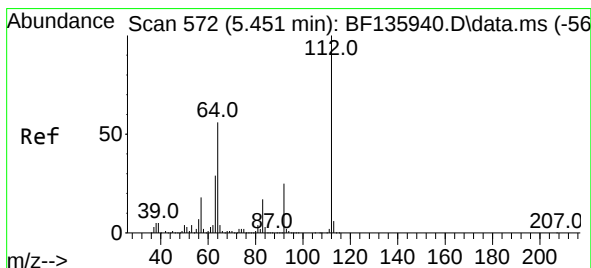
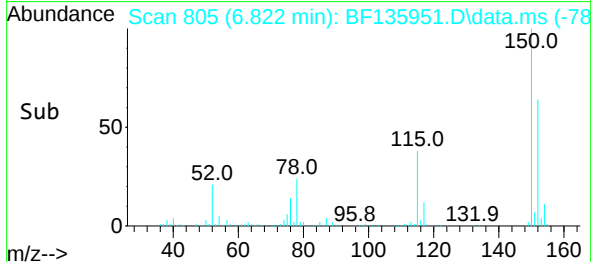
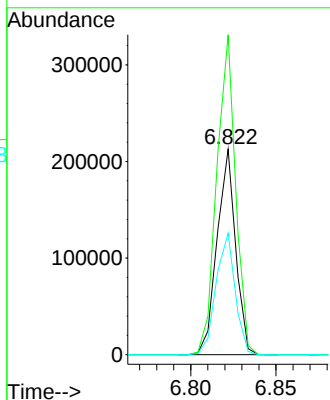
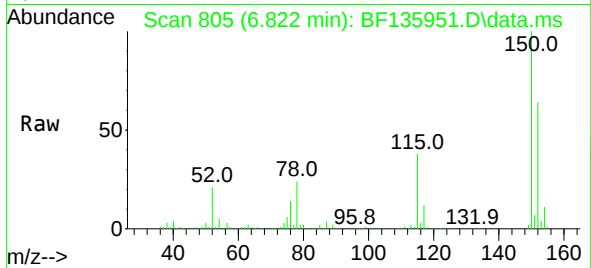




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.822 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BF135951.D  
Acq: 25 Oct 2023 20:28

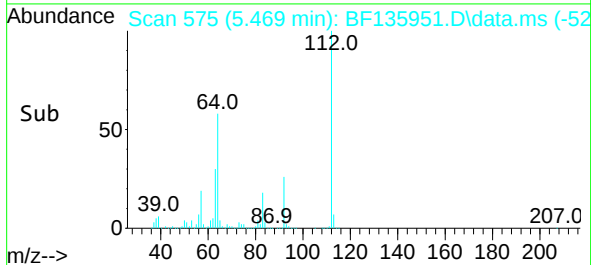
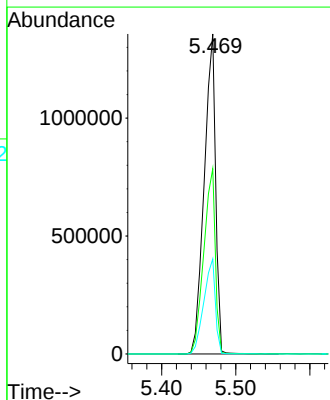
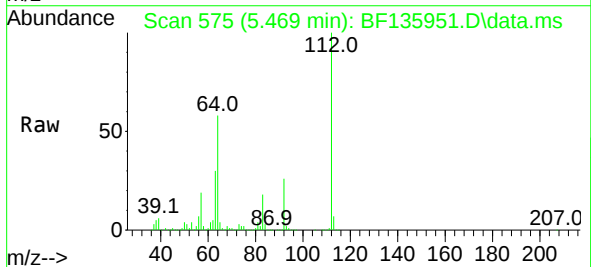
Instrument :  
BNA\_F  
ClientSampleId :  
PB156273BL

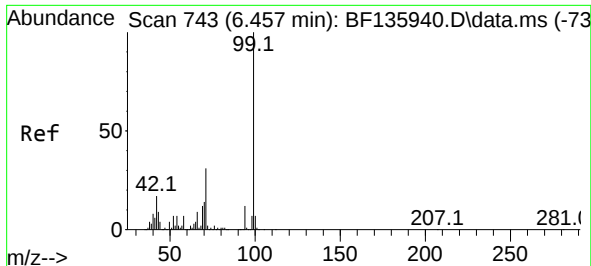
Tgt Ion:152 Resp: 161276  
Ion Ratio Lower Upper  
152 100  
150 155.8 124.6 186.8  
115 59.2 46.6 69.8



#5  
2-Fluorophenol  
Concen: 139.656 ng  
RT: 5.469 min Scan# 575  
Delta R.T. 0.018 min  
Lab File: BF135951.D  
Acq: 25 Oct 2023 20:28

Tgt Ion:112 Resp: 1458593  
Ion Ratio Lower Upper  
112 100  
64 57.9 45.1 67.7  
63 29.7 23.0 34.4



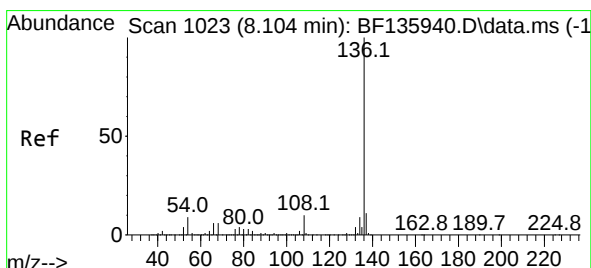
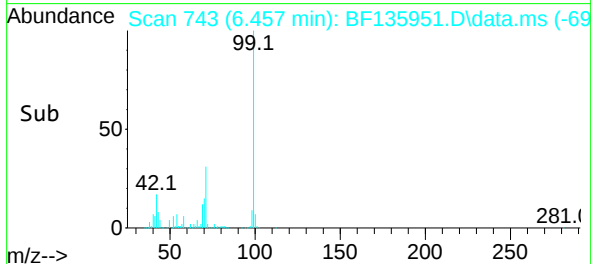
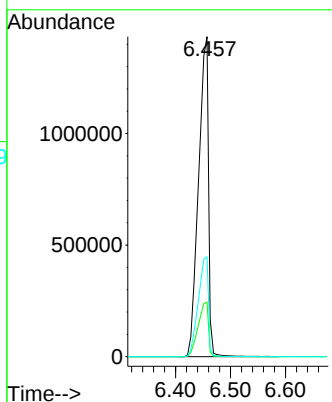
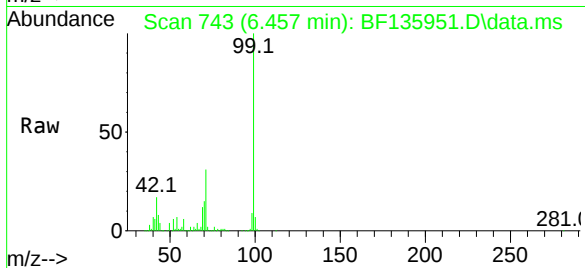


#7  
Phenol-d6  
Concen: 139.336 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BF135951.D  
Acq: 25 Oct 2023 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB156273BL

Tgt Ion: 99 Resp: 1811737

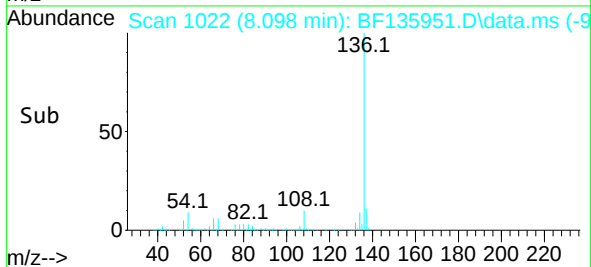
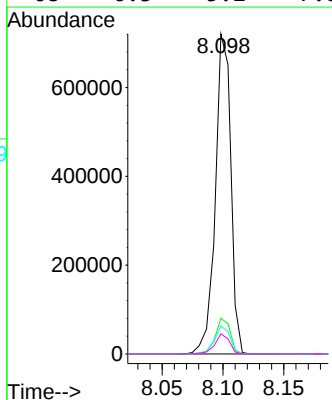
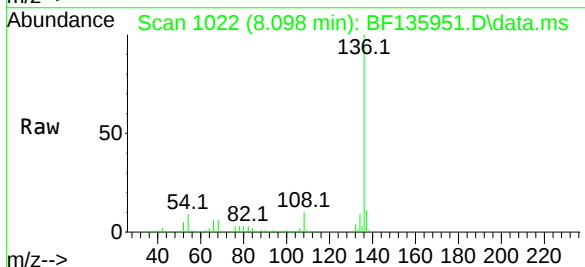
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.0  | 13.8  | 20.8  |
| 71  | 31.2  | 25.1  | 37.7  |

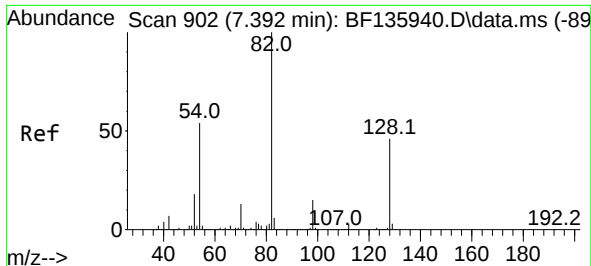


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BF135951.D  
Acq: 25 Oct 2023 20:28

Tgt Ion: 136 Resp: 638435

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 9.0   | 13.6  |
| 54  | 8.8   | 7.1   | 10.7  |
| 68  | 6.3   | 5.2   | 7.8   |





#23

Nitrobenzene-d5

Concen: 101.492 ng

RT: 7.387 min Scan# 90

Delta R.T. -0.005 min

Lab File: BF135951.D

Acq: 25 Oct 2023 20:28

Instrument :

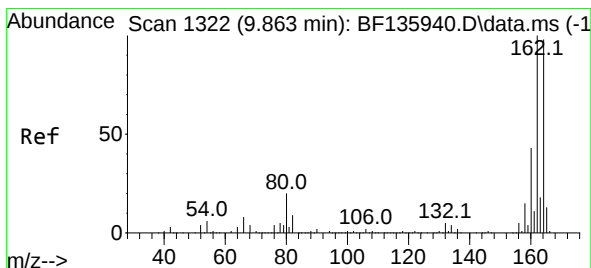
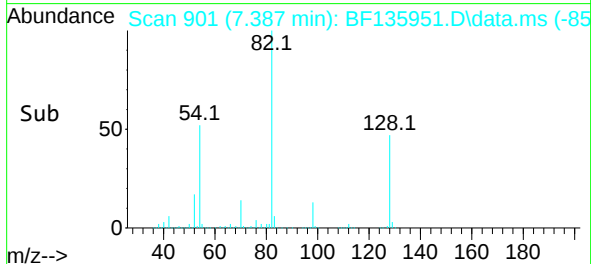
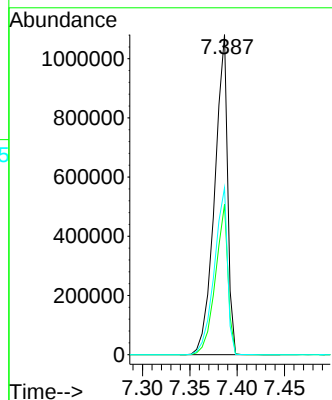
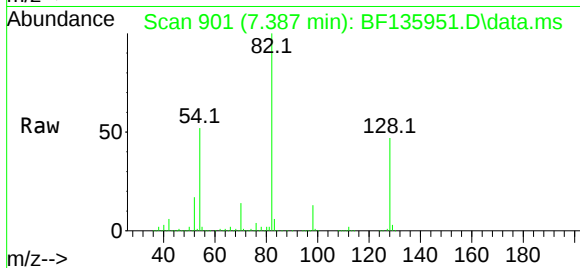
BNA\_F

ClientSampleId :

PB156273BL

Tgt Ion: 82 Resp: 1024616

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.0  | 36.8  | 55.2  |
| 54  | 52.1  | 43.4  | 65.0  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

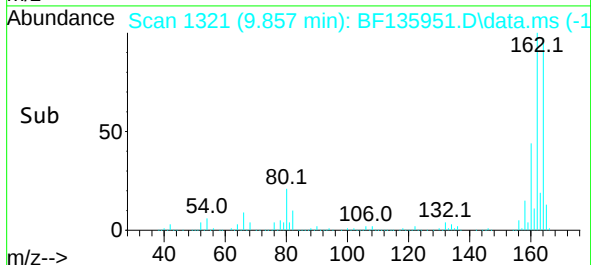
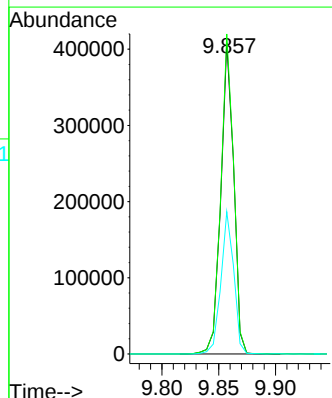
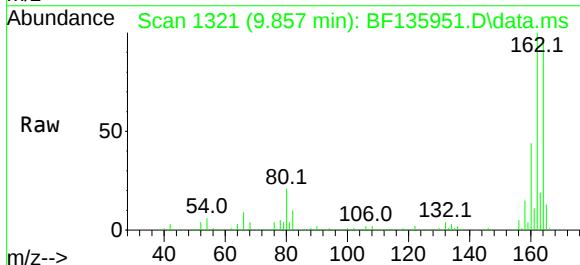
Delta R.T. -0.006 min

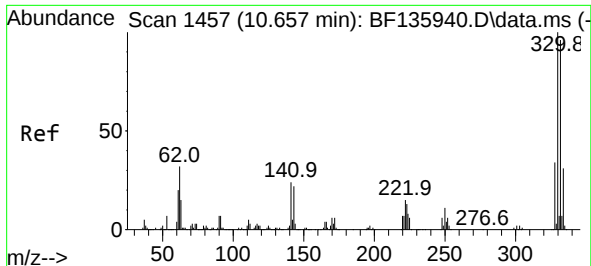
Lab File: BF135951.D

Acq: 25 Oct 2023 20:28

Tgt Ion:164 Resp: 322760

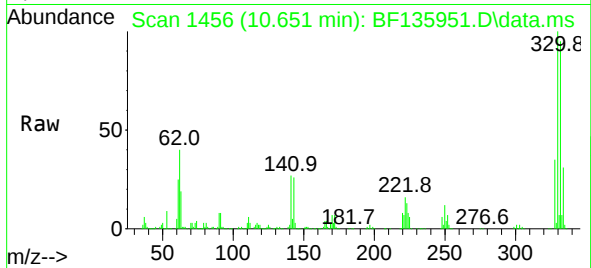
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.9 | 82.0  | 123.0 |
| 160 | 45.7  | 35.6  | 53.4  |



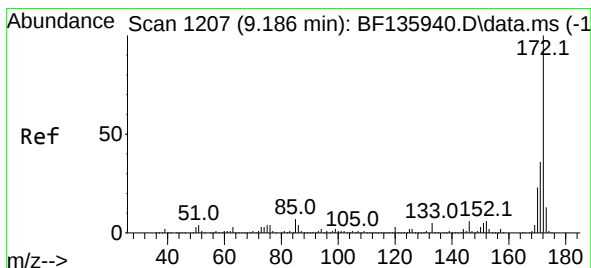
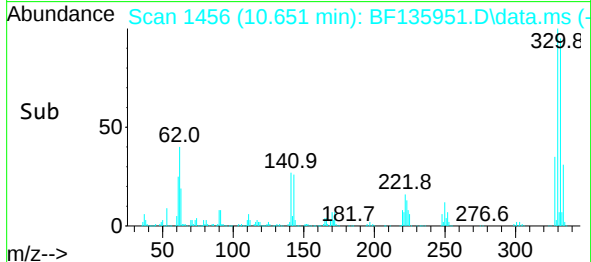
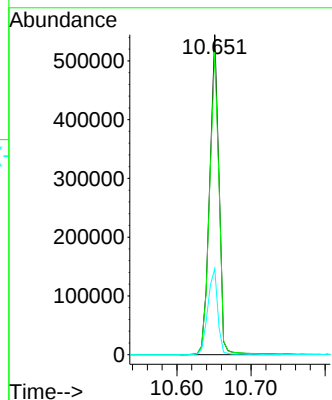


#42  
2,4,6-Tribromophenol  
Concen: 168.819 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. -0.006 min  
Lab File: BF135951.D  
Acq: 25 Oct 2023 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB156273BL

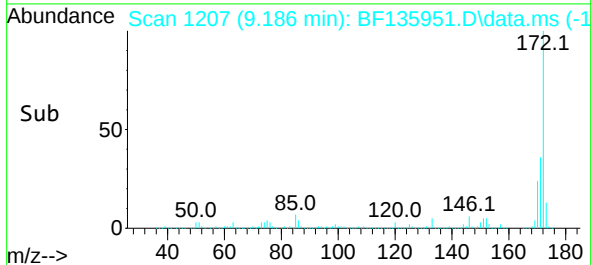
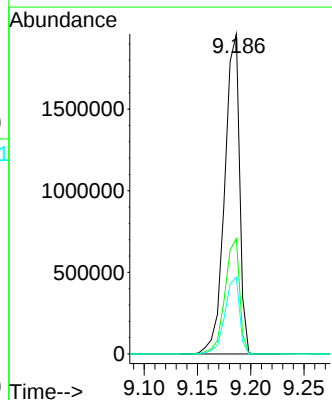
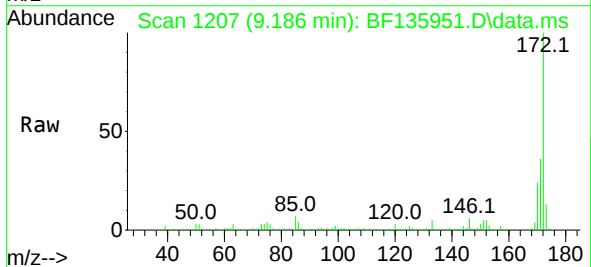


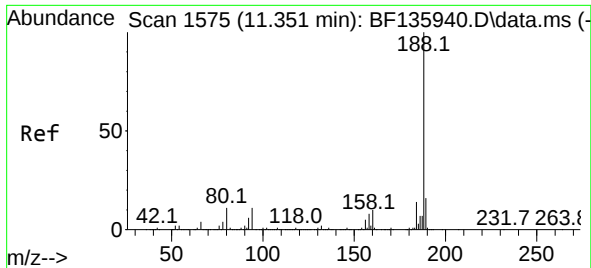
Tgt Ion:330 Resp: 476932  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.4 116.2  
141 29.0 24.9 37.3



#45  
2-Fluorobiphenyl  
Concen: 94.235 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. 0.000 min  
Lab File: BF135951.D  
Acq: 25 Oct 2023 20:28

Tgt Ion:172 Resp: 1899476  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.6 43.0  
170 24.0 18.6 28.0

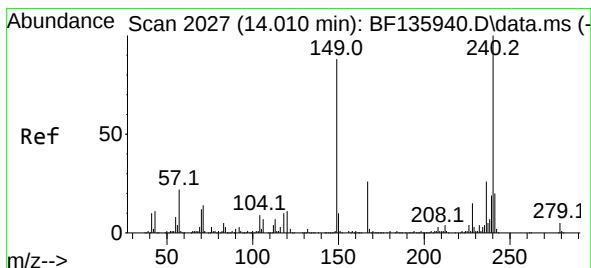
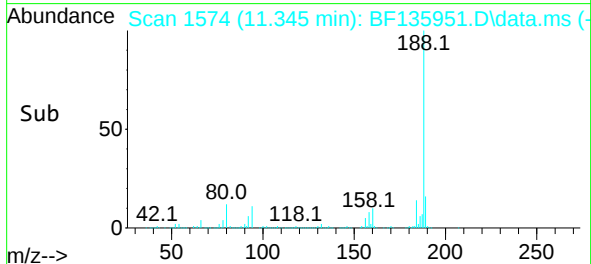
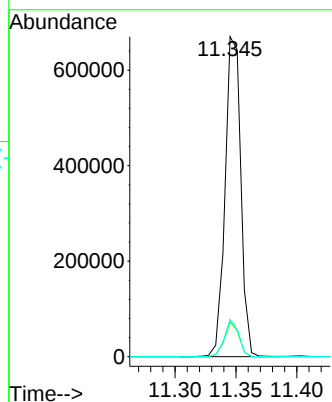
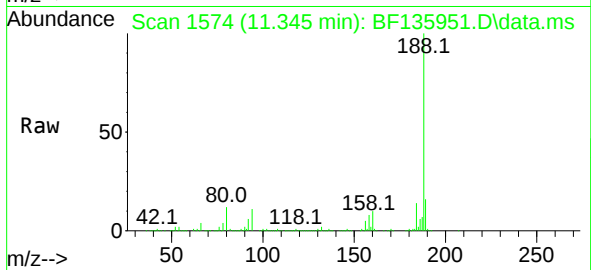




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.345 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135951.D  
Acq: 25 Oct 2023 20:28

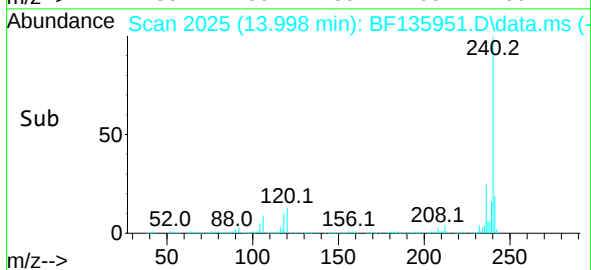
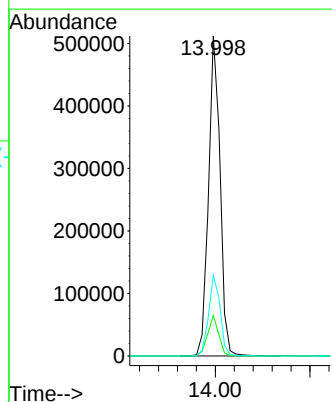
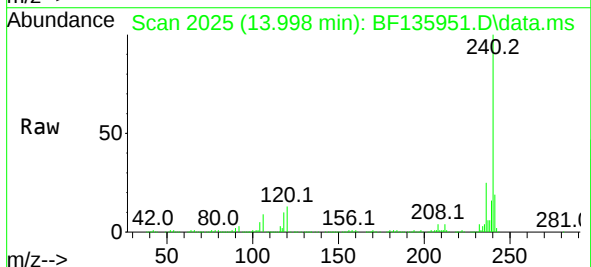
Instrument :  
BNA\_F  
ClientSampleId :  
PB156273BL

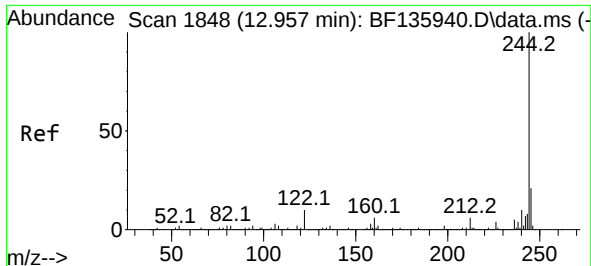
Tgt Ion:188 Resp: 602976  
Ion Ratio Lower Upper  
188 100  
94 10.8 8.6 13.0  
80 11.7 9.0 13.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.012 min  
Lab File: BF135951.D  
Acq: 25 Oct 2023 20:28

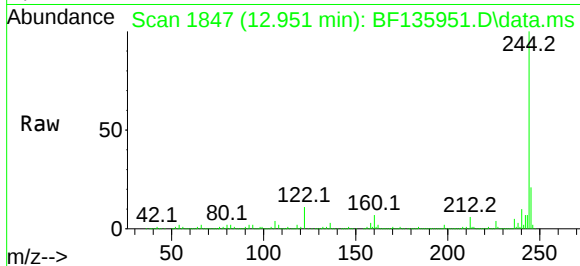
Tgt Ion:240 Resp: 431108  
Ion Ratio Lower Upper  
240 100  
120 12.7 8.6 13.0  
236 25.1 20.6 30.8



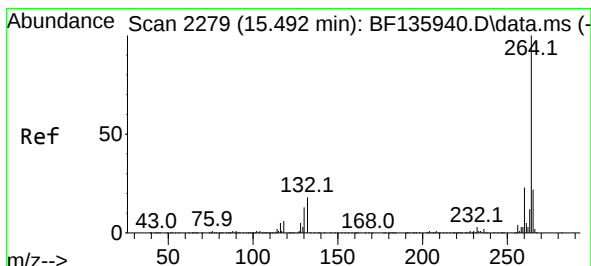
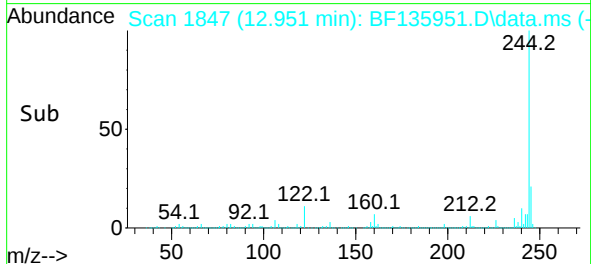
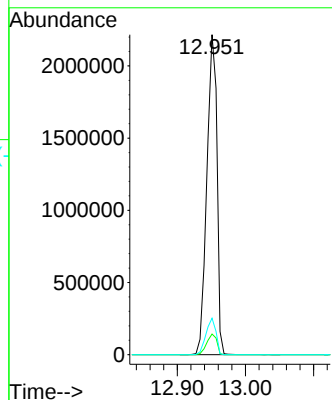


#79  
 Terphenyl-d14  
 Concen: 88.623 ng  
 RT: 12.951 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF135951.D  
 Acq: 25 Oct 2023 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB156273BL



Tgt Ion:244 Resp: 2286722  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.0 7.6  
 122 11.4 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.480 min Scan# 2277  
 Delta R.T. -0.012 min  
 Lab File: BF135951.D  
 Acq: 25 Oct 2023 20:28

Tgt Ion:264 Resp: 360795  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.6 28.0  
 265 22.0 17.3 25.9

