

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031424\  
 Data File : BF137594.D  
 Acq On : 14 Mar 2024 16:59  
 Operator : CG\JU  
 Sample : PB159584BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159584BL

Quant Time: Mar 14 17:23:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 14:45:20 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.722  | 152  | 223746   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.004  | 136  | 870138   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.757  | 164  | 448656   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.239 | 188  | 760551   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.874 | 240  | 493558   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.298 | 264  | 427060   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.345  | 112  | 1700093  | 115.079 | ng    | 0.01     |
| 7) Phenol-d6                | 6.363  | 99   | 2294460  | 107.596 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.292  | 82   | 1431080  | 76.418  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.545 | 330  | 475740   | 120.747 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.086  | 172  | 2282793  | 79.647  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.833 | 244  | 2391663  | 66.634  | ng    | 0.00     |

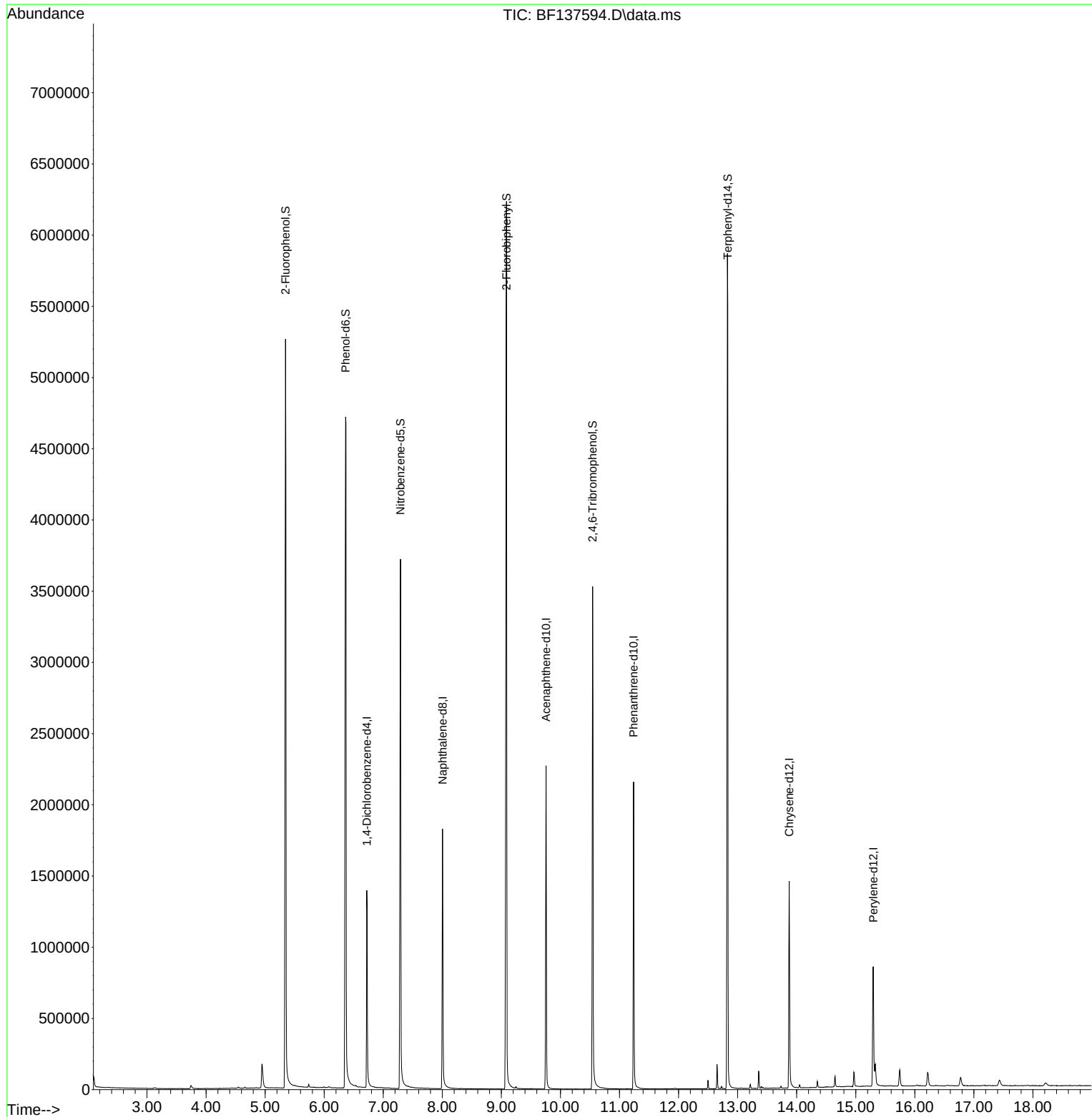
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

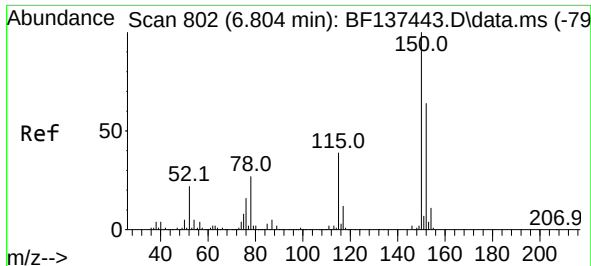
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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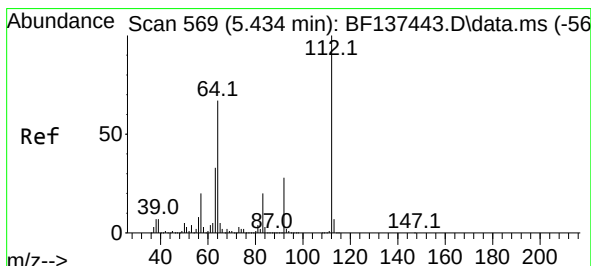
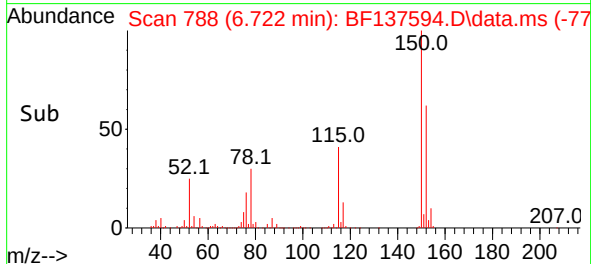
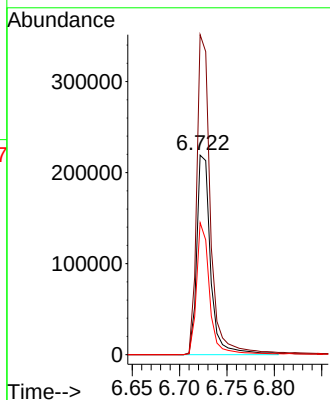
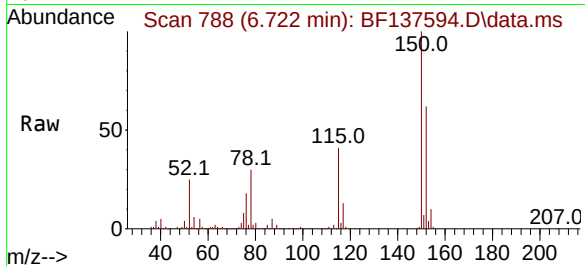




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.722 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137594.D  
Acq: 14 Mar 2024 16:59

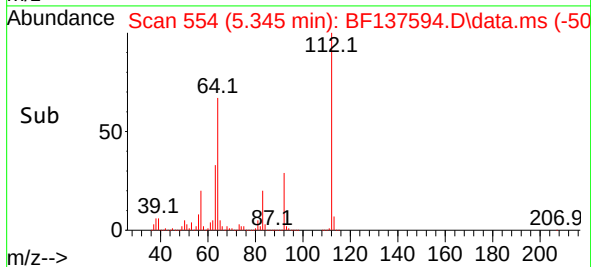
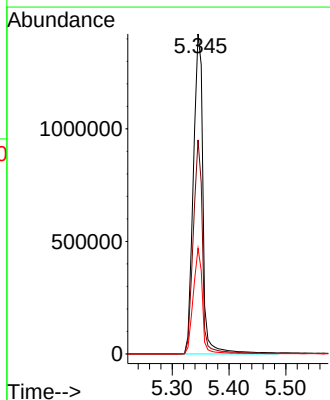
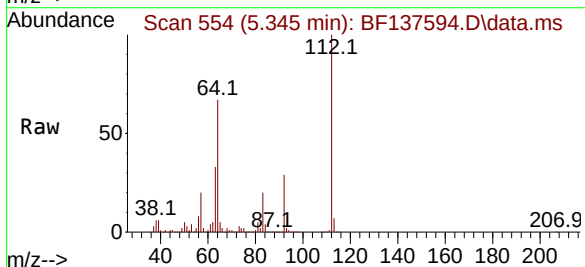
Instrument :  
BNA\_F  
ClientSampleId :  
PB159584BL

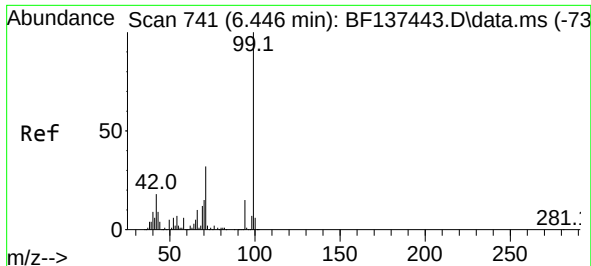
Tgt Ion:152 Resp: 223746  
Ion Ratio Lower Upper  
152 100  
150 160.4 125.8 188.6  
115 66.2 48.8 73.2



#5  
2-Fluorophenol  
Concen: 115.079 ng  
RT: 5.345 min Scan# 554  
Delta R.T. 0.012 min  
Lab File: BF137594.D  
Acq: 14 Mar 2024 16:59

Tgt Ion:112 Resp: 1700093  
Ion Ratio Lower Upper  
112 100  
64 66.9 53.4 80.2  
63 33.0 26.2 39.2

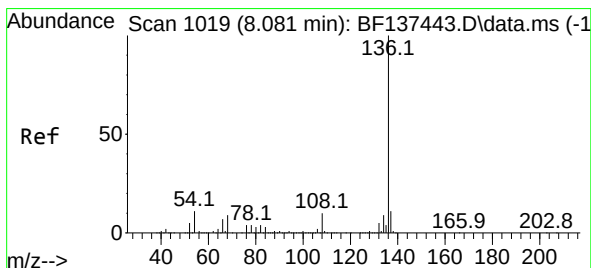
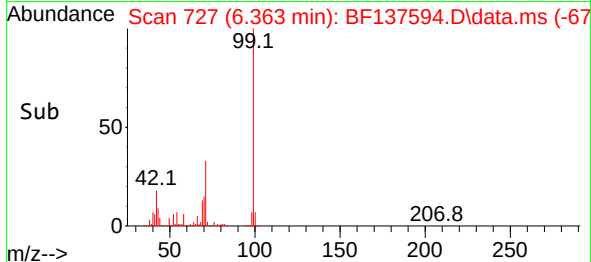
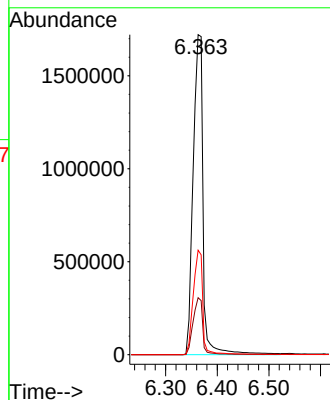
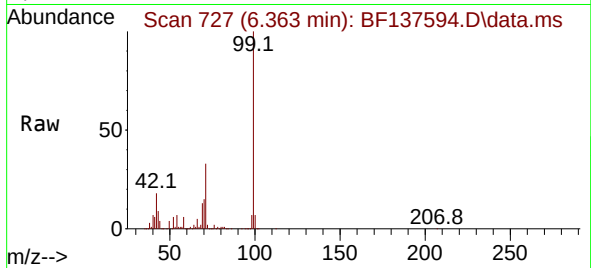




#7  
Phenol-d6  
Concen: 107.596 ng  
RT: 6.363 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137594.D  
Acq: 14 Mar 2024 16:59

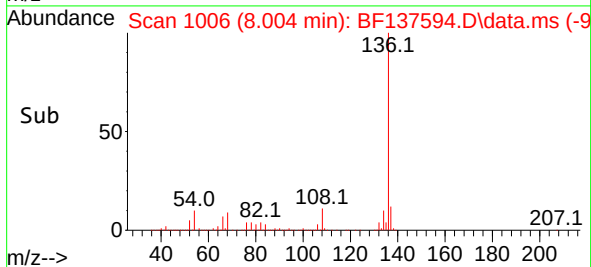
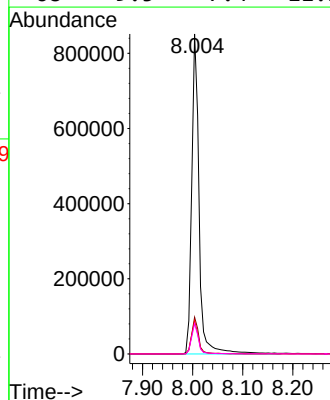
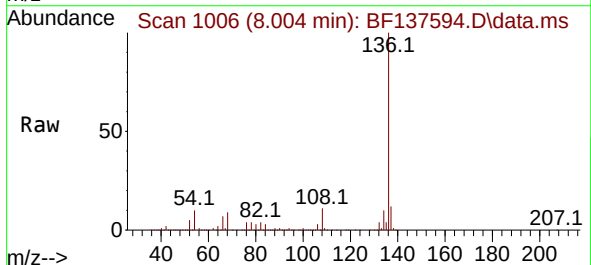
Instrument :  
BNA\_F  
ClientSampleId :  
PB159584BL

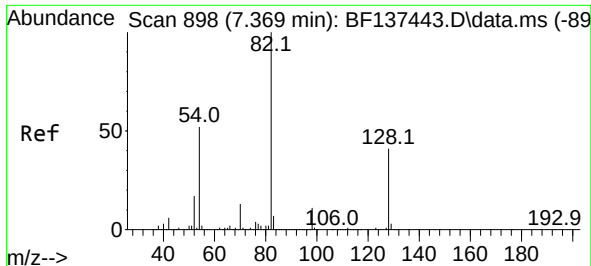
Tgt Ion: 99 Resp: 2294460  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.6 21.8  
71 32.7 25.3 37.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BF137594.D  
Acq: 14 Mar 2024 16:59

Tgt Ion: 136 Resp: 870138  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.1 13.7  
54 10.4 8.5 12.7  
68 9.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.418 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137594.D

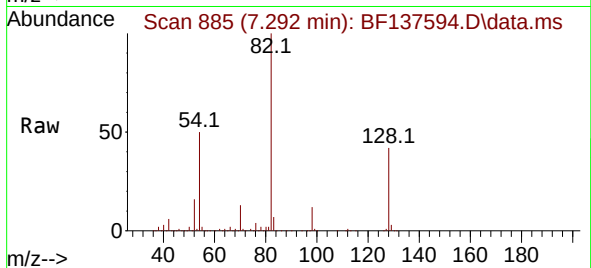
Acq: 14 Mar 2024 16:59

Instrument :

BNA\_F

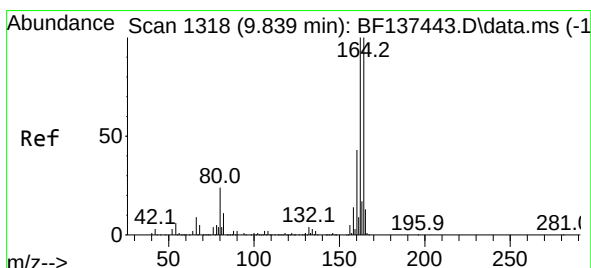
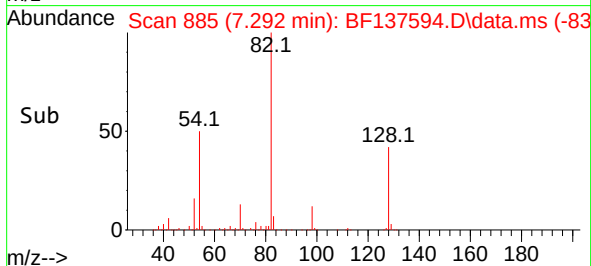
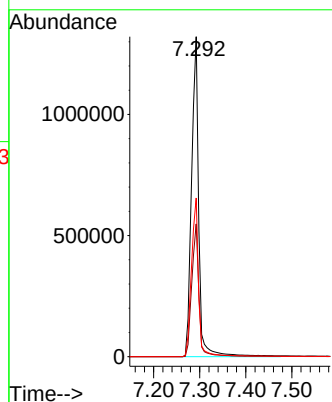
ClientSampleId :

PB159584BL



Tgt Ion: 82 Resp: 1431080

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.5  | 32.5  | 48.7  |
| 54  | 49.6  | 41.5  | 62.3  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

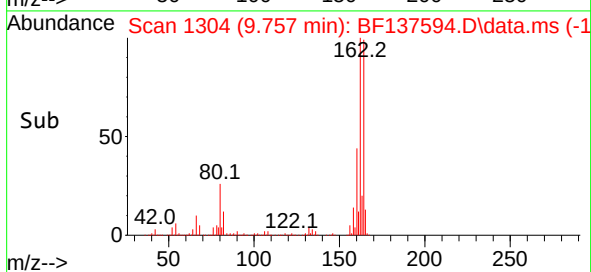
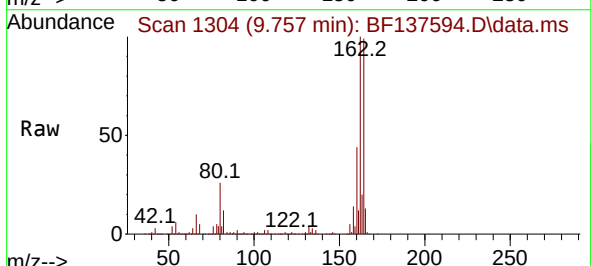
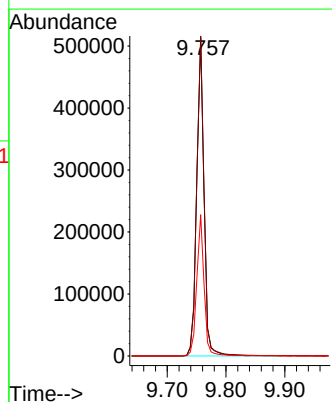
Delta R.T. -0.006 min

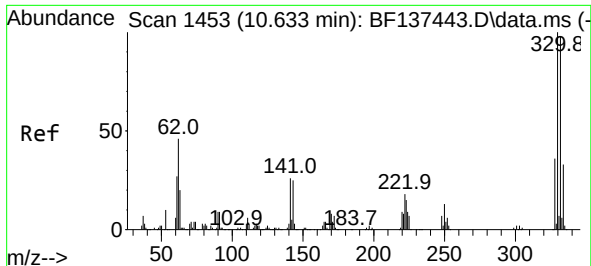
Lab File: BF137594.D

Acq: 14 Mar 2024 16:59

Tgt Ion: 164 Resp: 448656

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.5 | 79.8  | 119.8 |
| 160 | 44.4  | 34.4  | 51.6  |

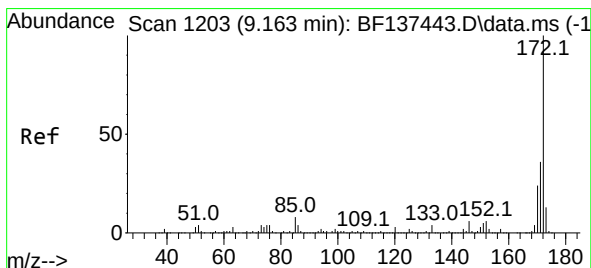
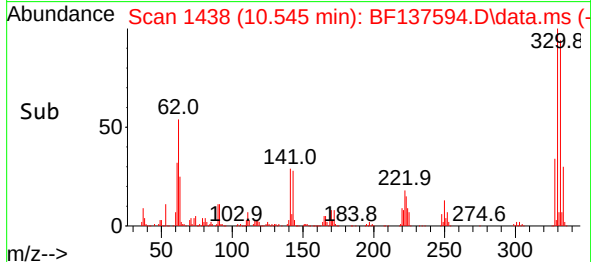
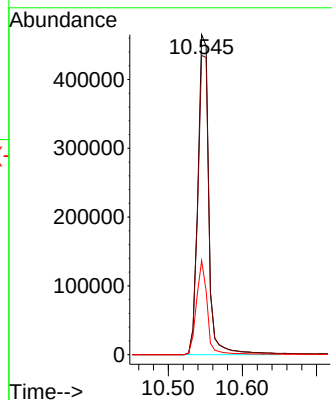
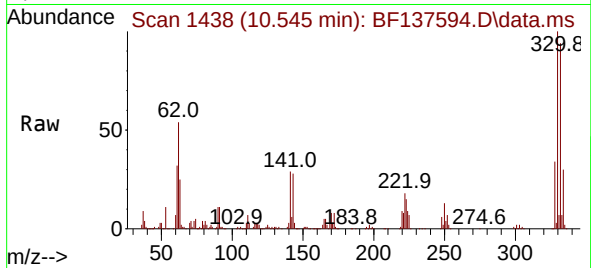




#42  
2,4,6-Tribromophenol  
Concen: 120.747 ng  
RT: 10.545 min Scan# 1453  
Delta R.T. -0.006 min  
Lab File: BF137594.D  
Acq: 14 Mar 2024 16:59

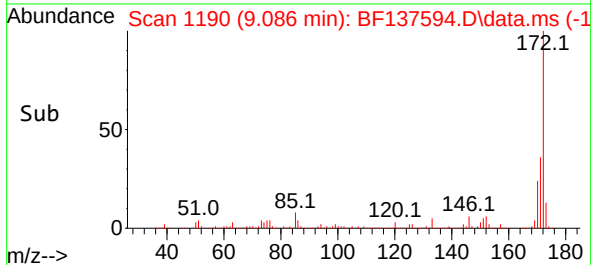
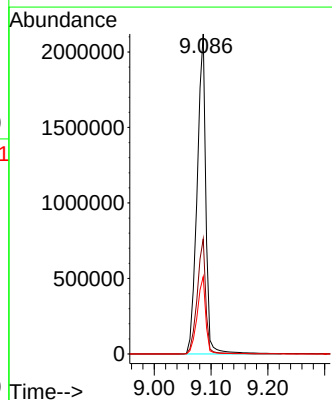
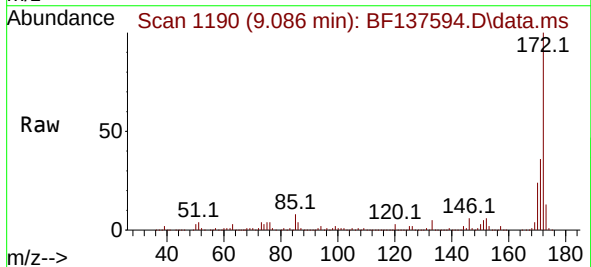
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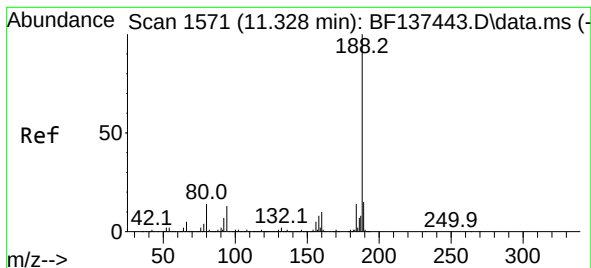
Tgt Ion:330 Resp: 475740  
Ion Ratio Lower Upper  
330 100  
332 96.7 78.0 117.0  
141 28.9 27.3 40.9



#45  
2-Fluorobiphenyl  
Concen: 79.647 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BF137594.D  
Acq: 14 Mar 2024 16:59

Tgt Ion:172 Resp: 2282793  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.5 42.7  
170 24.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137594.D

Acq: 14 Mar 2024 16:59

Instrument :

BNA\_F

ClientSampleId :

PB159584BL

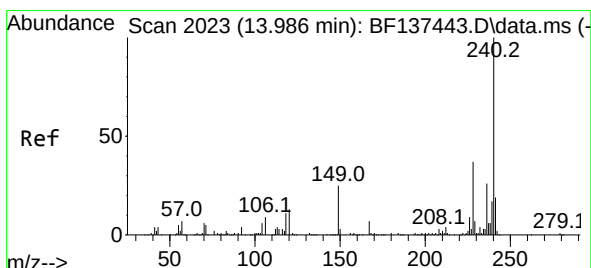
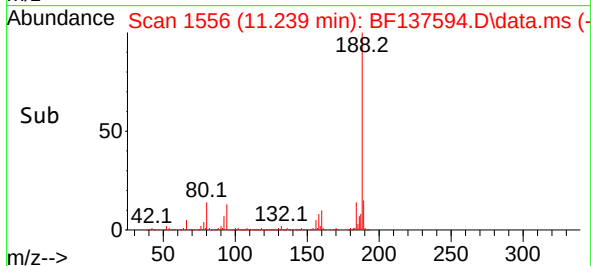
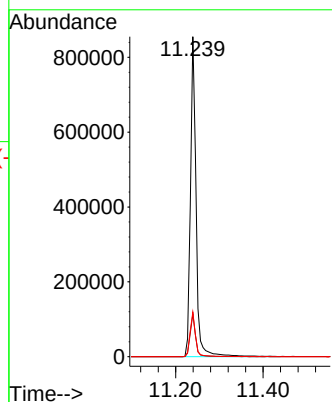
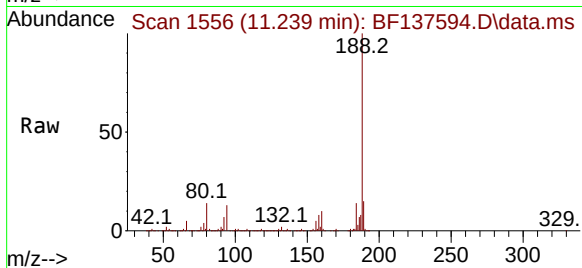
Tgt Ion:188 Resp: 760551

Ion Ratio Lower Upper

188 100

94 13.4 10.6 15.8

80 13.9 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF137594.D

Acq: 14 Mar 2024 16:59

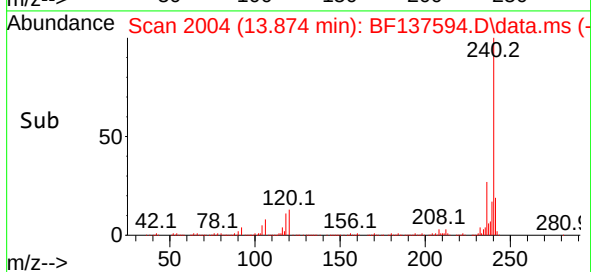
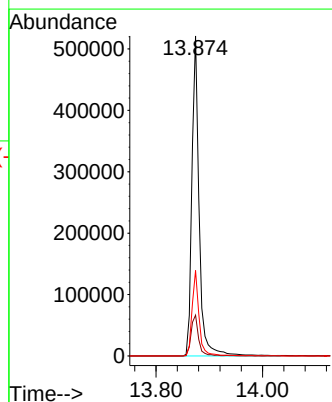
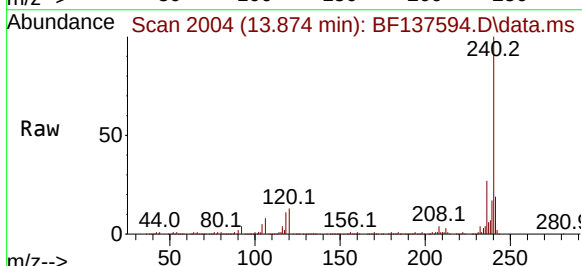
Tgt Ion:240 Resp: 493558

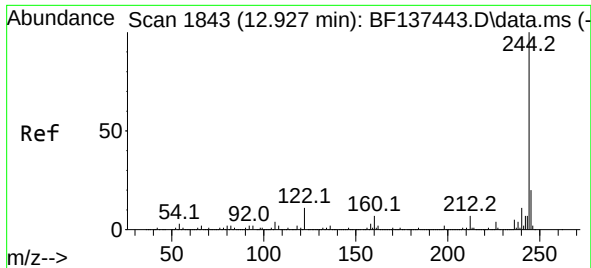
Ion Ratio Lower Upper

240 100

120 12.8 10.4 15.6

236 26.7 20.9 31.3

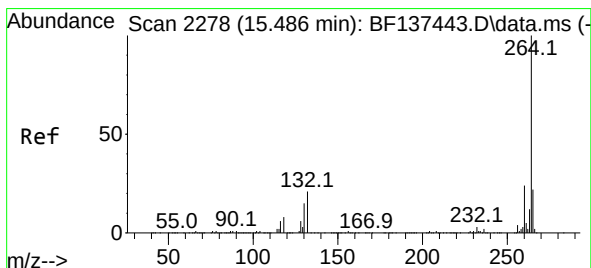
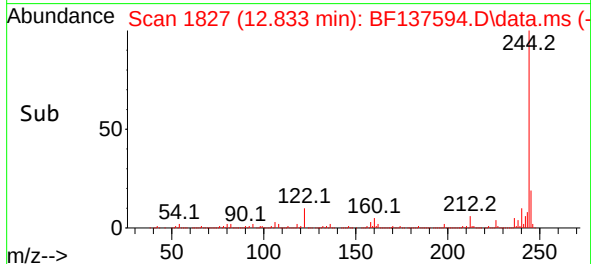
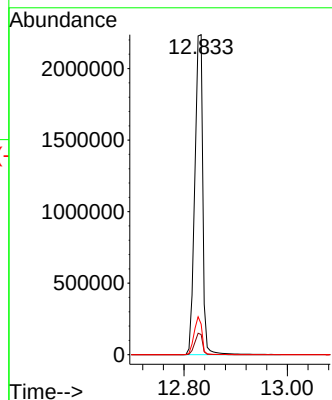
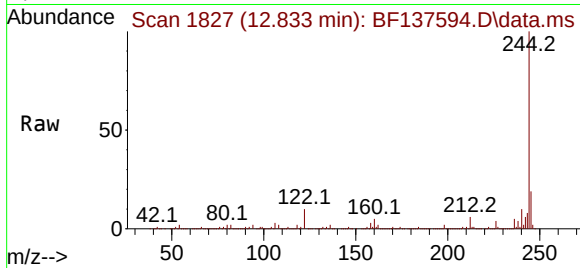




#79  
 Terphenyl-d14  
 Concen: 66.634 ng  
 RT: 12.833 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF137594.D  
 Acq: 14 Mar 2024 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159584BL

Tgt Ion:244 Resp: 2391663  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.4 8.2  
 122 9.5 9.1 13.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.298 min Scan# 2246  
 Delta R.T. -0.000 min  
 Lab File: BF137594.D  
 Acq: 14 Mar 2024 16:59

Tgt Ion:264 Resp: 427060  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.3 28.9  
 265 21.7 17.4 26.0

