

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050324\  
 Data File : BF137831.D  
 Acq On : 03 May 2024 16:19  
 Operator : CG\JU  
 Sample : P2354-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 V359

Quant Time: May 03 16:45:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:25:08 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.051  | 152  | 145199   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.333  | 136  | 573104   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 10.098 | 164  | 331212   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.592 | 188  | 510812   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.239 | 240  | 258139   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.809 | 264  | 259687   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.687  | 112  | 986326   | 113.733 | ng    | 0.01     |
| 7) Phenol-d6                | 6.669  | 99   | 1102785  | 100.254 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.616  | 82   | 844093   | 85.570  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.892 | 330  | 441671   | 130.604 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.410  | 172  | 1746710  | 85.558  | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.180 | 244  | 1579847  | 102.565 | ng    | 0.00     |

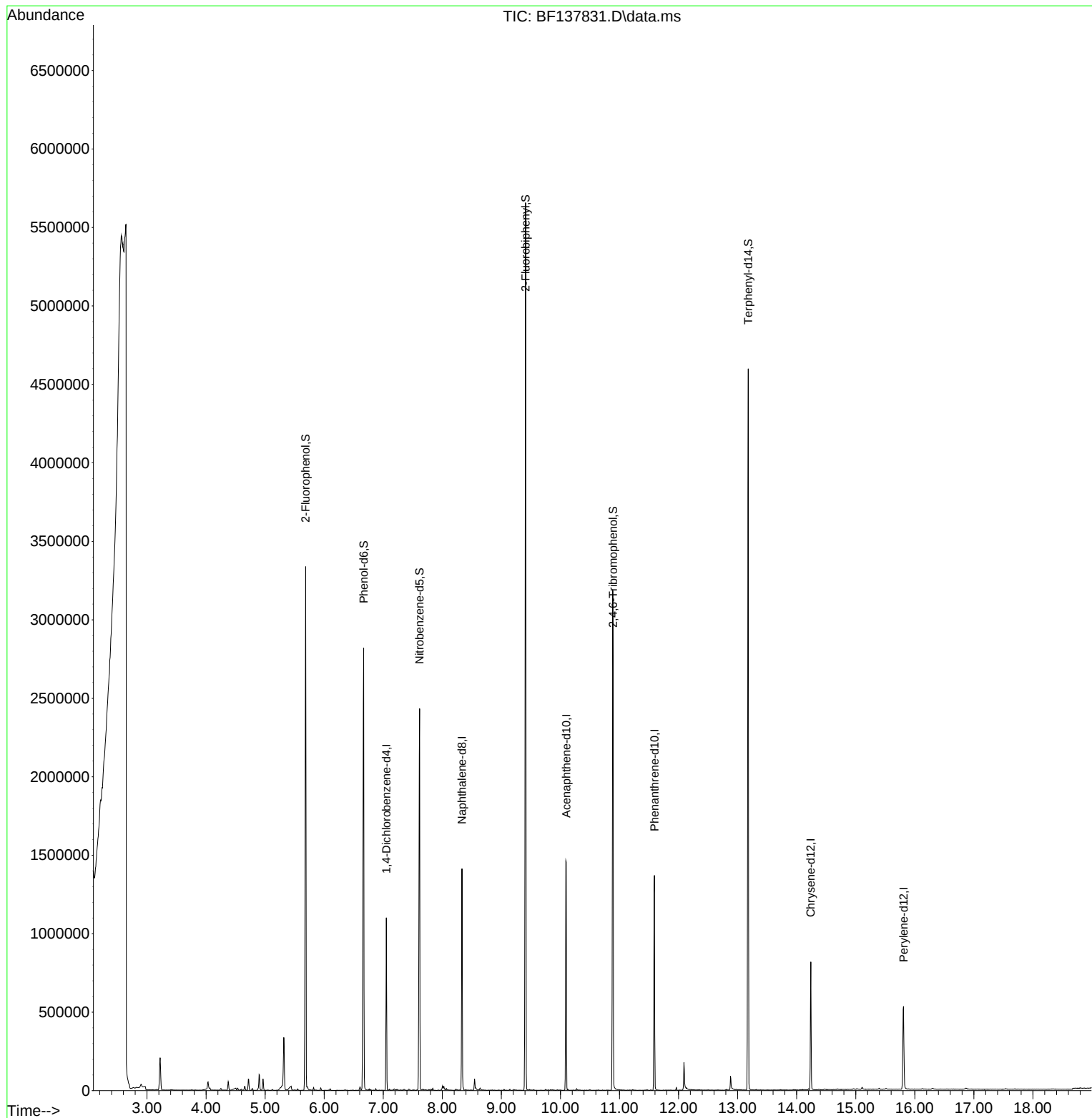
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

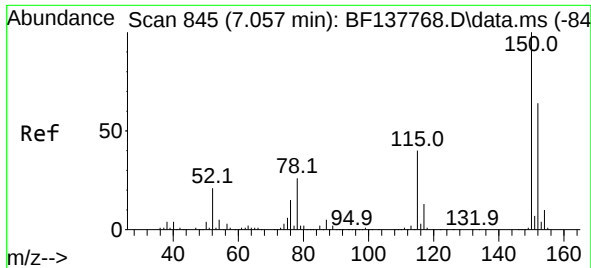
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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Quant Time: May 03 16:45:07 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 03:25:08 2024  
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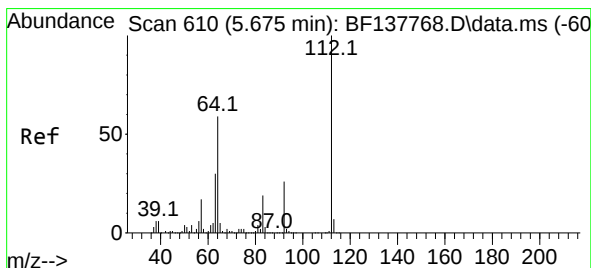
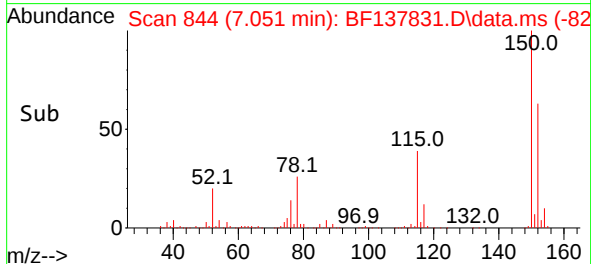
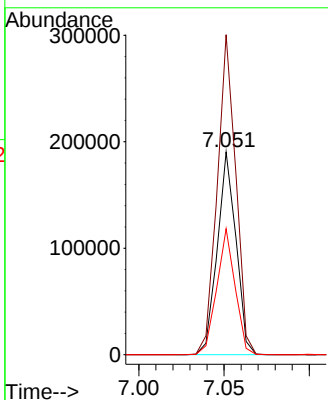
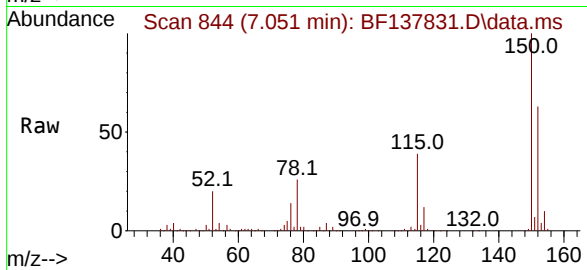




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.051 min Scan# 84  
 Delta R.T. -0.006 min  
 Lab File: BF137831.D  
 Acq: 03 May 2024 16:19

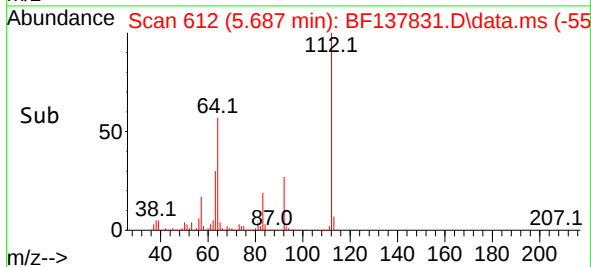
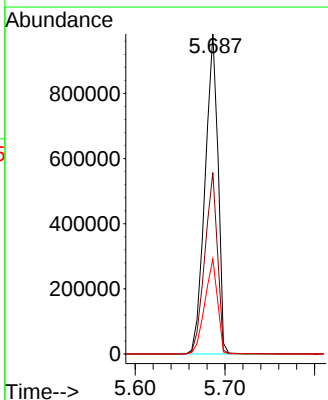
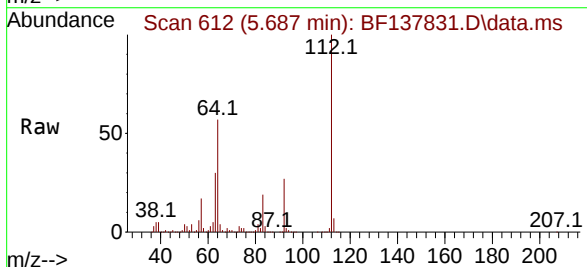
Instrument :  
 BNA\_F  
 ClientSampleId :  
 V359

Tgt Ion:152 Resp: 145199  
 Ion Ratio Lower Upper  
 152 100  
 150 157.8 124.1 186.1  
 115 62.1 49.1 73.7



#5  
 2-Fluorophenol  
 Concen: 113.733 ng  
 RT: 5.687 min Scan# 612  
 Delta R.T. 0.012 min  
 Lab File: BF137831.D  
 Acq: 03 May 2024 16:19

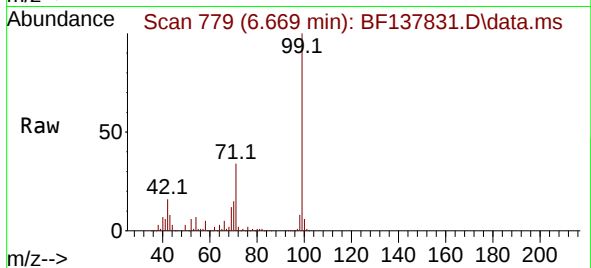
Tgt Ion:112 Resp: 986326  
 Ion Ratio Lower Upper  
 112 100  
 64 56.7 47.3 70.9  
 63 29.7 23.7 35.5





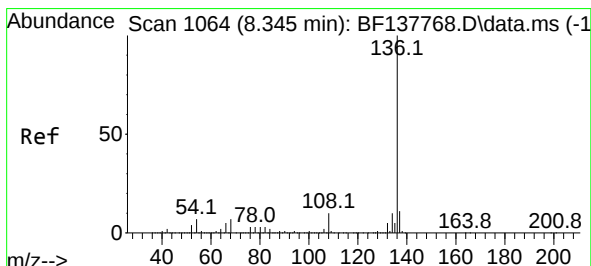
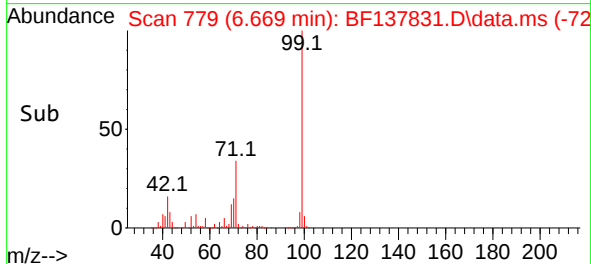
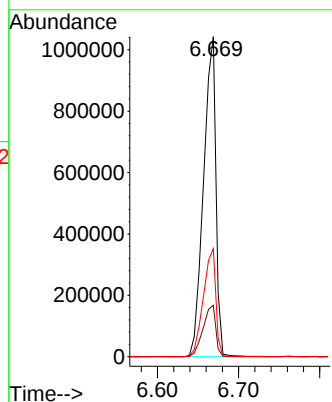
#7  
Phenol-d6  
Concen: 100.254 ng  
RT: 6.669 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137831.D  
Acq: 03 May 2024 16:19

Instrument :  
BNA\_F  
ClientSampleId :  
V359



Tgt Ion: 99 Resp: 1102785

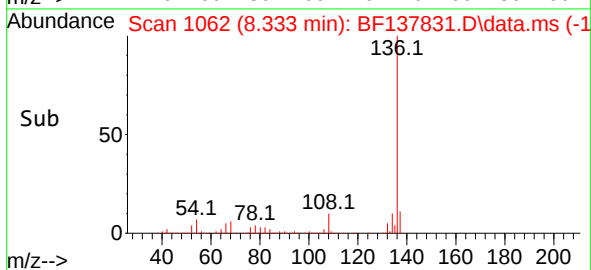
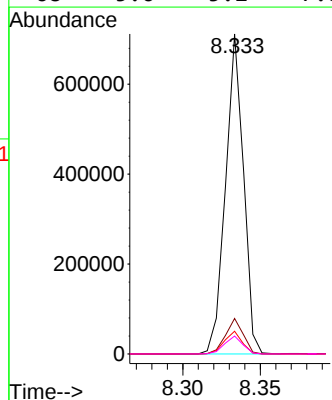
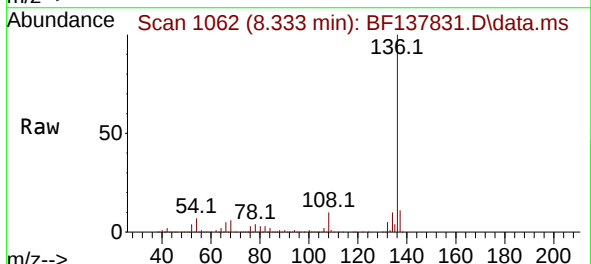
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.1  | 13.2  | 19.8  |
| 71  | 33.7  | 25.0  | 37.4  |

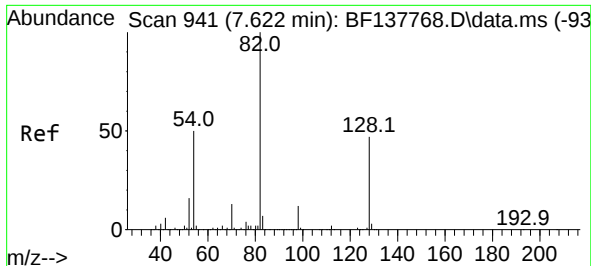


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.333 min Scan# 1062  
Delta R.T. -0.012 min  
Lab File: BF137831.D  
Acq: 03 May 2024 16:19

Tgt Ion: 136 Resp: 573104

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.8   | 13.2  |
| 54  | 7.1   | 5.8   | 8.8   |
| 68  | 5.6   | 5.2   | 7.8   |

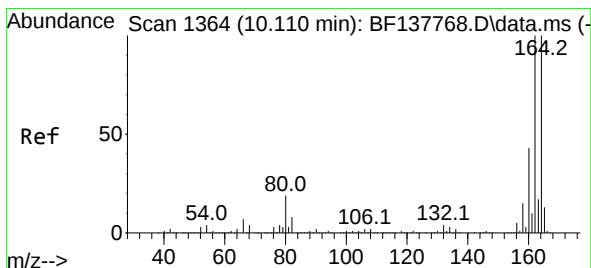
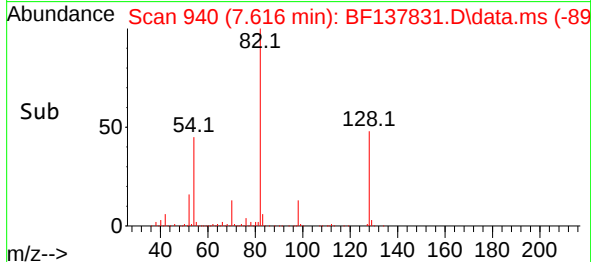
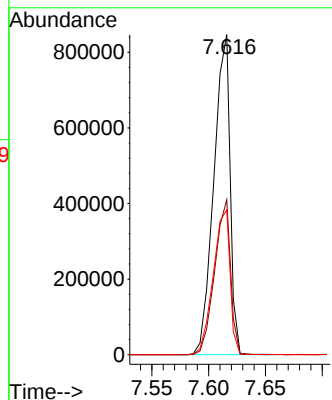
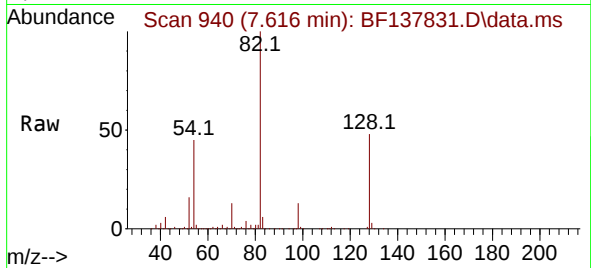




#23  
Nitrobenzene-d5  
Concen: 85.570 ng  
RT: 7.616 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF137831.D  
Acq: 03 May 2024 16:19

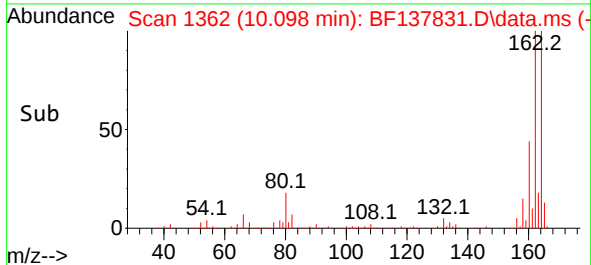
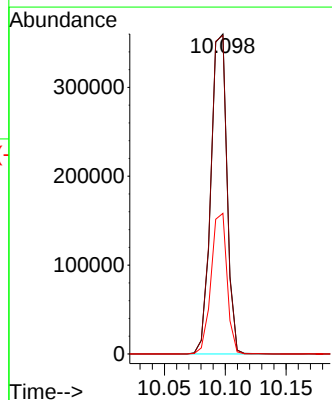
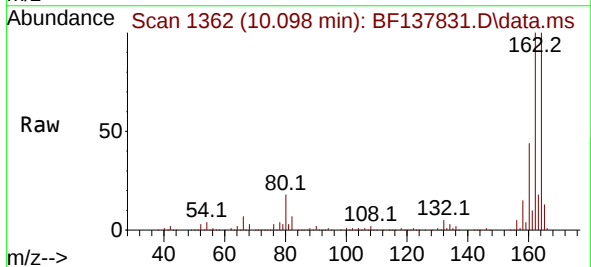
Instrument :  
BNA\_F  
ClientSampleId :  
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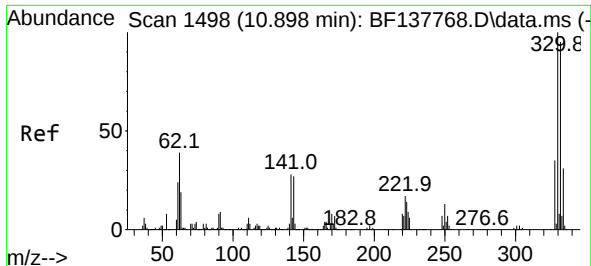
Tgt Ion: 82 Resp: 844093  
Ion Ratio Lower Upper  
82 100  
128 48.4 37.5 56.3  
54 45.2 39.8 59.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. -0.012 min  
Lab File: BF137831.D  
Acq: 03 May 2024 16:19

Tgt Ion:164 Resp: 331212  
Ion Ratio Lower Upper  
164 100  
162 99.5 79.8 119.6  
160 43.9 34.4 51.6

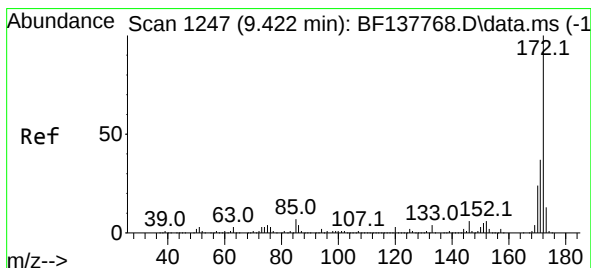
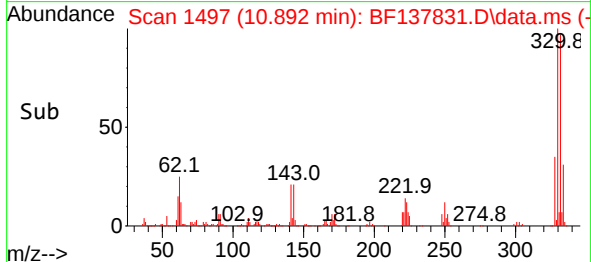
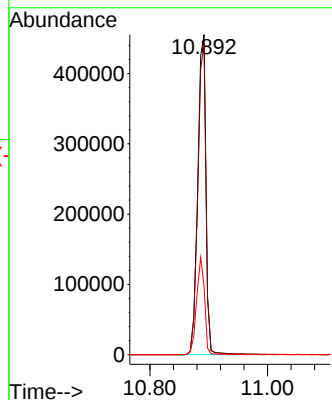
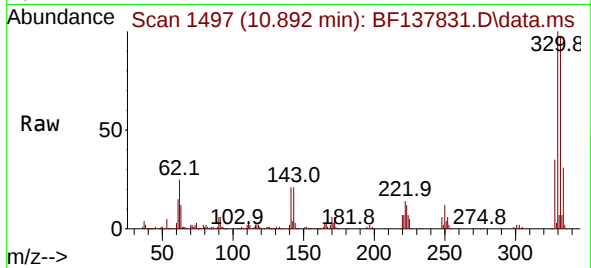




#42  
2,4,6-Tribromophenol  
Concen: 130.604 ng  
RT: 10.892 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF137831.D  
Acq: 03 May 2024 16:19

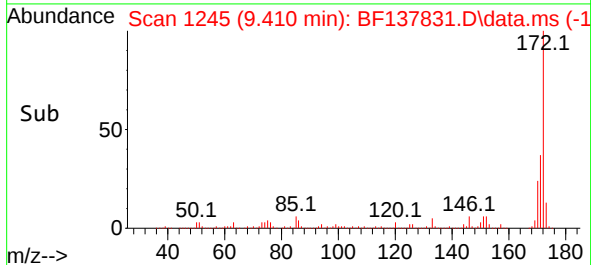
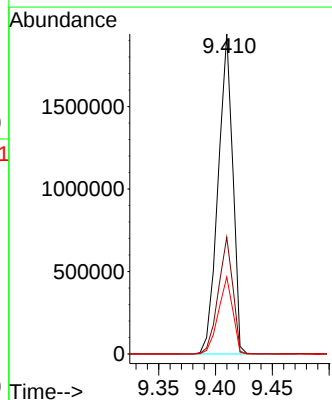
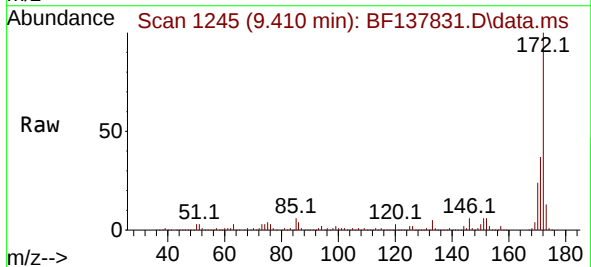
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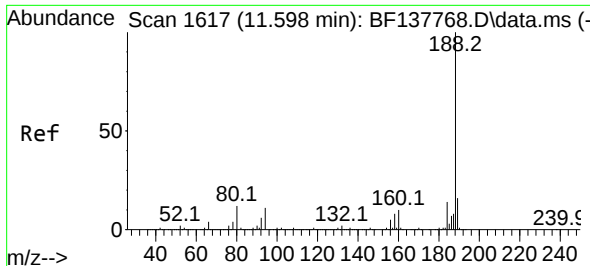
Tgt Ion:330 Resp: 441671  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.3 115.9  
141 29.5 23.8 35.6



#45  
2-Fluorobiphenyl  
Concen: 85.558 ng  
RT: 9.410 min Scan# 1245  
Delta R.T. -0.012 min  
Lab File: BF137831.D  
Acq: 03 May 2024 16:19

Tgt Ion:172 Resp: 1746710  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.6 44.4  
170 24.0 19.4 29.2

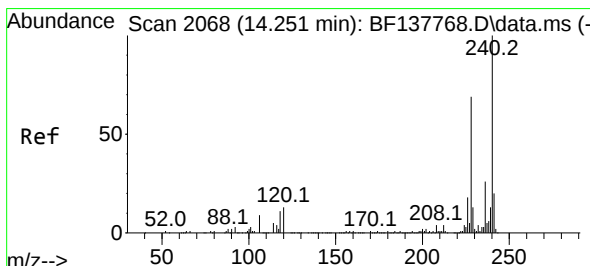
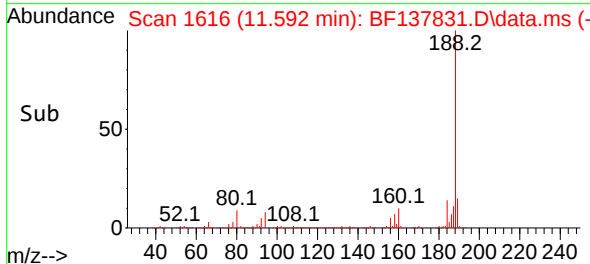
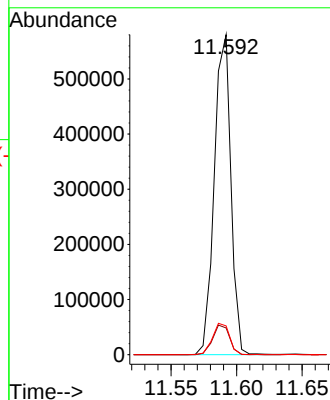
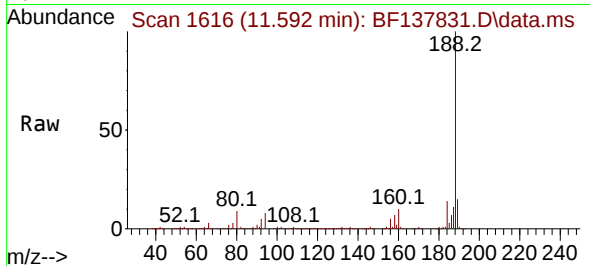




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.592 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF137831.D  
Acq: 03 May 2024 16:19

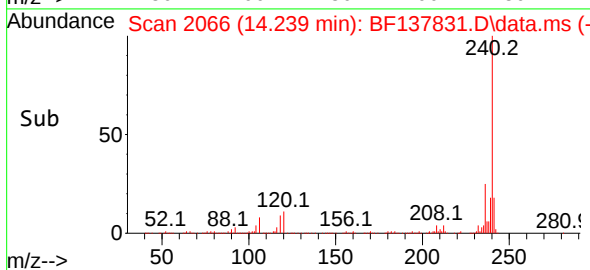
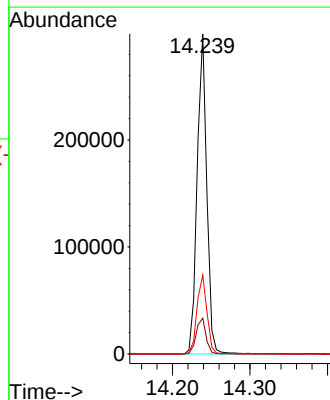
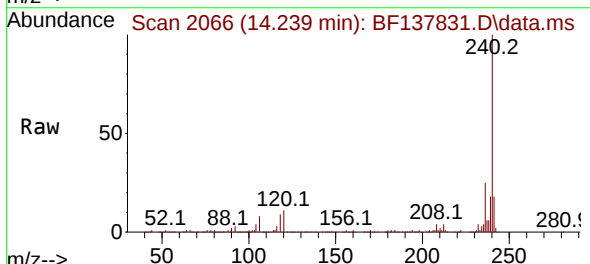
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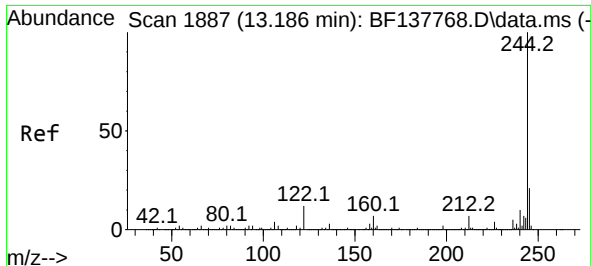
Tgt Ion:188 Resp: 510812  
Ion Ratio Lower Upper  
188 100  
94 8.3 8.8 13.2#  
80 9.0 9.6 14.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.239 min Scan# 2066  
Delta R.T. -0.012 min  
Lab File: BF137831.D  
Acq: 03 May 2024 16:19

Tgt Ion:240 Resp: 258139  
Ion Ratio Lower Upper  
240 100  
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236 24.7 20.4 30.6

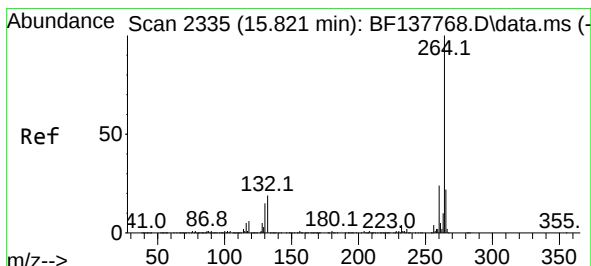
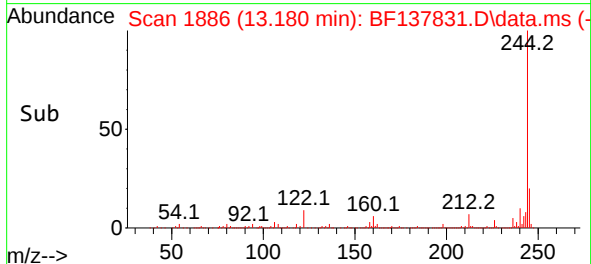
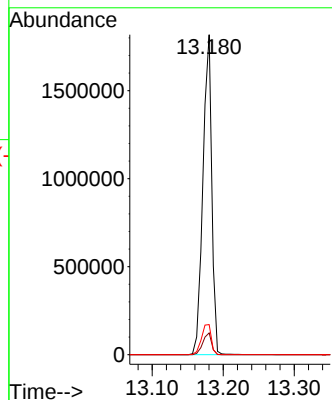
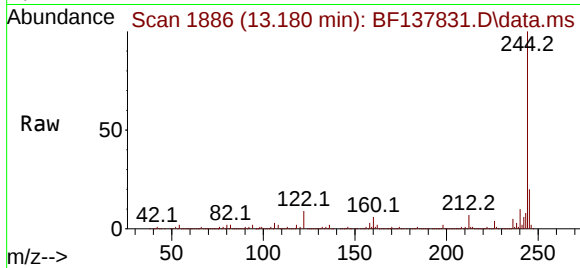




#79  
 Terphenyl-d14  
 Concen: 102.565 ng  
 RT: 13.180 min Scan# 1886  
 Delta R.T. -0.006 min  
 Lab File: BF137831.D  
 Acq: 03 May 2024 16:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 V359

Tgt Ion:244 Resp: 1579847  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.5 8.3  
 122 9.4 9.4 14.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.809 min Scan# 2333  
 Delta R.T. -0.012 min  
 Lab File: BF137831.D  
 Acq: 03 May 2024 16:19

Tgt Ion:264 Resp: 259687  
 Ion Ratio Lower Upper  
 264 100  
 260 22.5 18.9 28.3  
 265 20.3 17.4 26.0

