

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050624\  
 Data File : BF137839.D  
 Acq On : 06 May 2024 14:00  
 Operator : CG\JU  
 Sample : PB160725BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB160725BL

Quant Time: May 06 14:49:36 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   | 7.045  | 152  | 143375   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.333  | 136  | 563828   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 10.092 | 164  | 328352   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.586 | 188  | 599798   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.239 | 240  | 476282   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.809 | 264  | 420023   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.687  | 112  | 1136262  | 132.689 | ng    | 0.01     |
| 7) Phenol-d6                | 6.663  | 99   | 1408717  | 129.695 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.610  | 82   | 868015   | 89.442  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.886 | 330  | 474791   | 141.621 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.410  | 172  | 1840323  | 90.929  | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.180 | 244  | 2383735  | 83.875  | ng    | 0.00     |

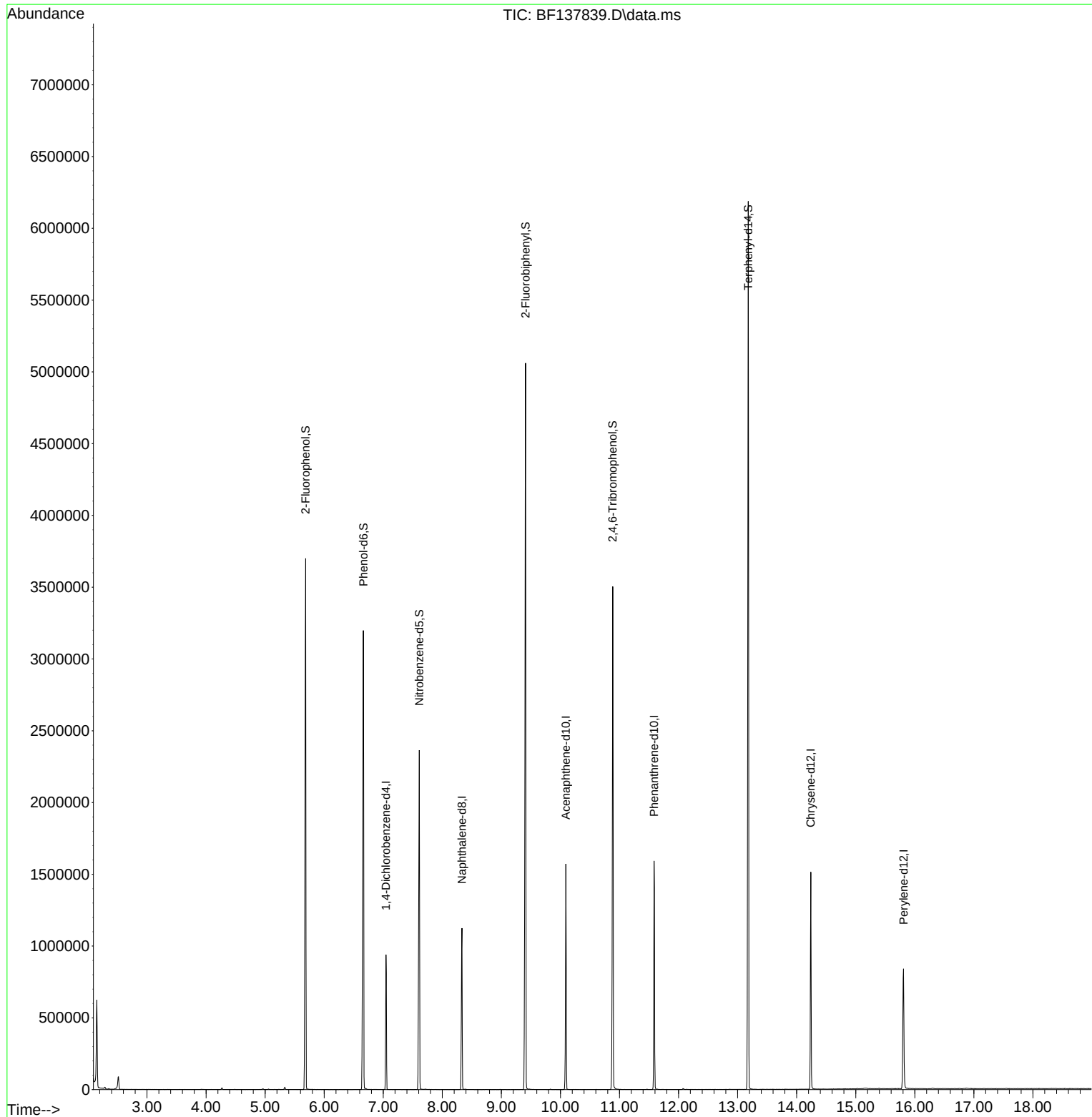
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

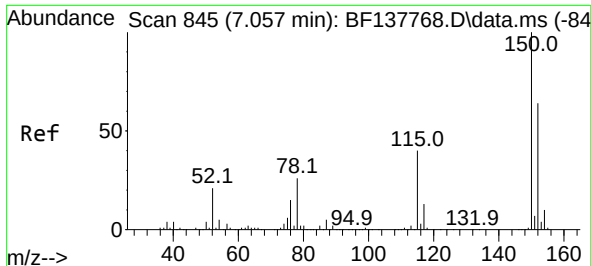
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050624\  
Data File : BF137839.D  
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Sample : PB160725BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB160725BL

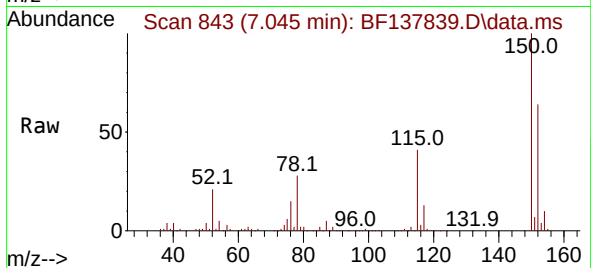
Quant Time: May 06 14:49:36 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 03:25:08 2024  
Response via : Initial Calibration



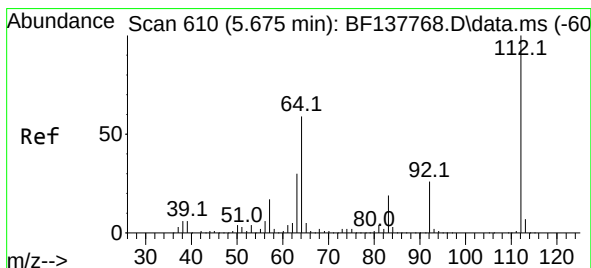
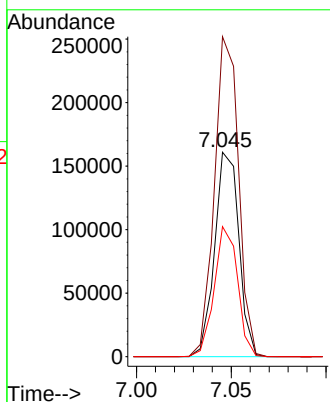
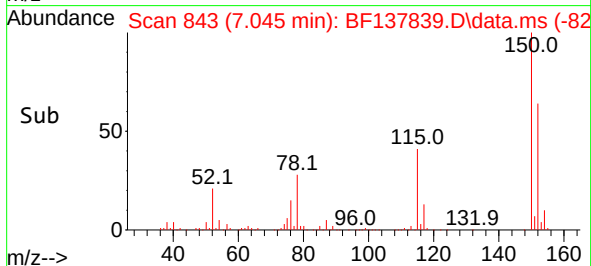


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.045 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: BF137839.D  
Acq: 06 May 2024 14:00

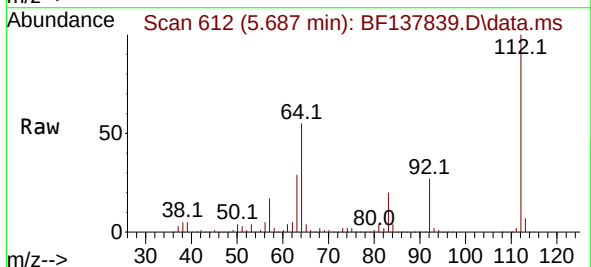
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BNA\_F  
ClientSampleId :  
PB160725BL



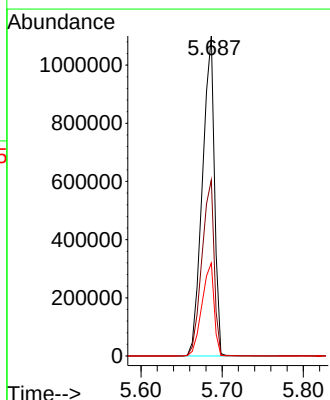
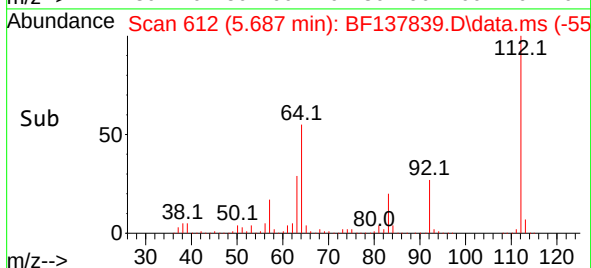
Tgt Ion:152 Resp: 143375  
Ion Ratio Lower Upper  
152 100  
150 156.5 124.1 186.1  
115 63.6 49.1 73.7

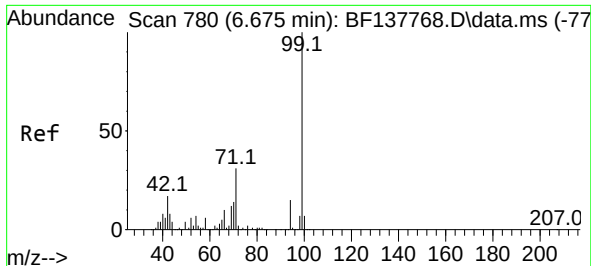


#5  
2-Fluorophenol  
Concen: 132.689 ng  
RT: 5.687 min Scan# 612  
Delta R.T. 0.012 min  
Lab File: BF137839.D  
Acq: 06 May 2024 14:00



Tgt Ion:112 Resp: 1136262  
Ion Ratio Lower Upper  
112 100  
64 55.0 47.3 70.9  
63 29.1 23.7 35.5



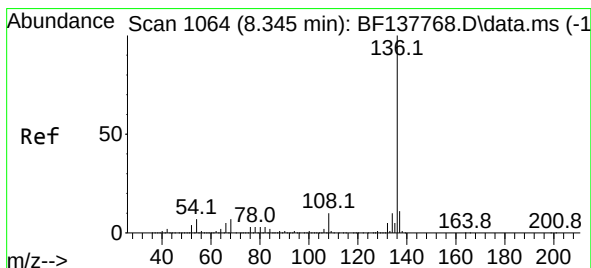
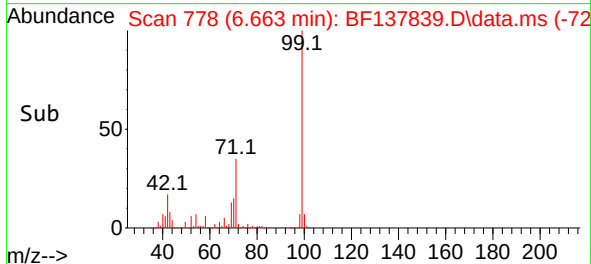
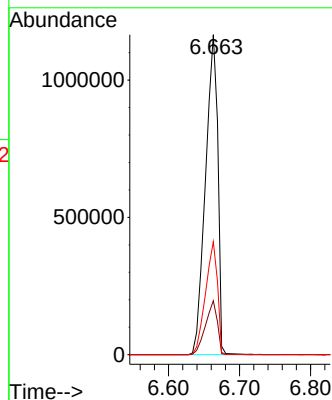
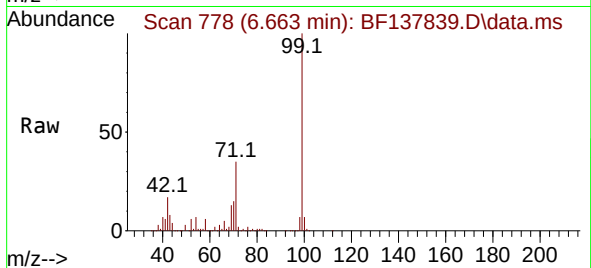


#7  
Phenol-d6  
Concen: 129.695 ng  
RT: 6.663 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF137839.D  
Acq: 06 May 2024 14:00

Instrument :  
BNA\_F  
ClientSampleId :  
PB160725BL

Tgt Ion: 99 Resp: 1408717

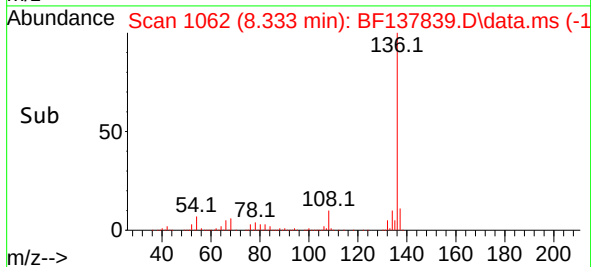
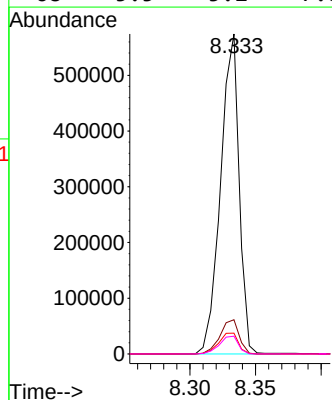
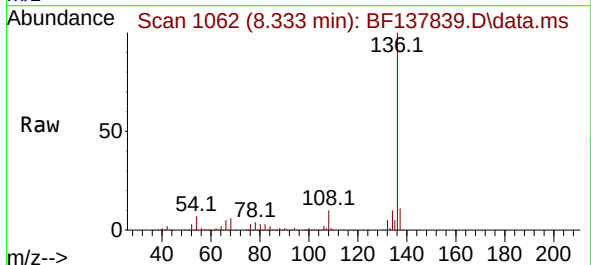
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.9  | 13.2  | 19.8  |
| 71  | 35.3  | 25.0  | 37.4  |

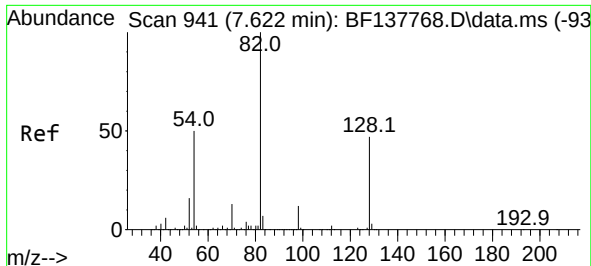


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.333 min Scan# 1062  
Delta R.T. -0.012 min  
Lab File: BF137839.D  
Acq: 06 May 2024 14:00

Tgt Ion: 136 Resp: 563828

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.8   | 13.2  |
| 54  | 6.5   | 5.8   | 8.8   |
| 68  | 5.5   | 5.2   | 7.8   |

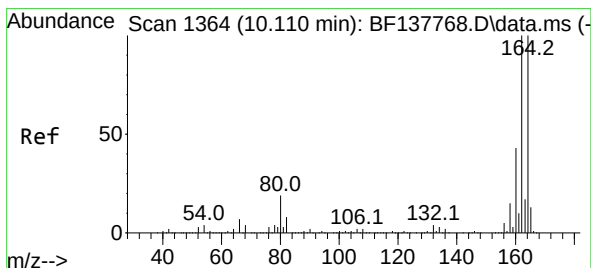
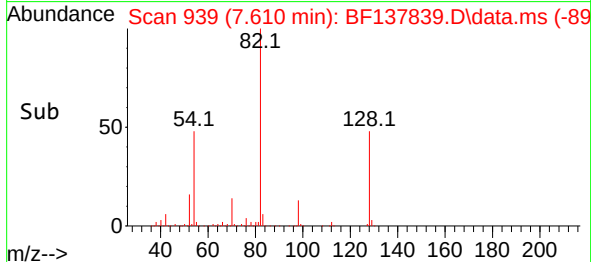
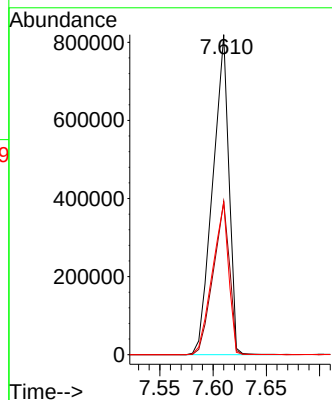
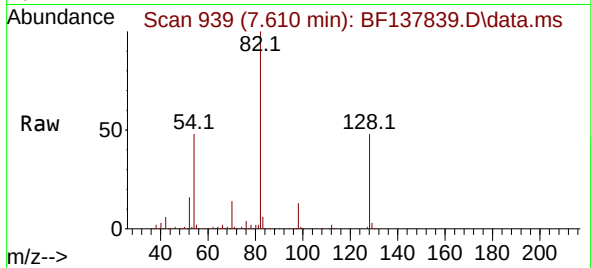




#23  
Nitrobenzene-d5  
Concen: 89.442 ng  
RT: 7.610 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF137839.D  
Acq: 06 May 2024 14:00

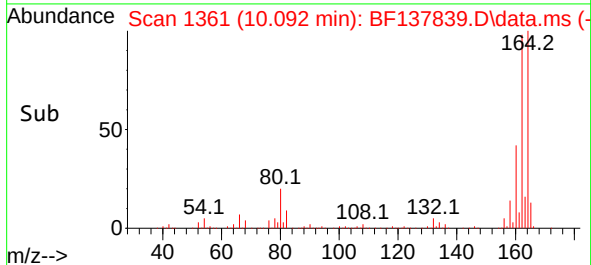
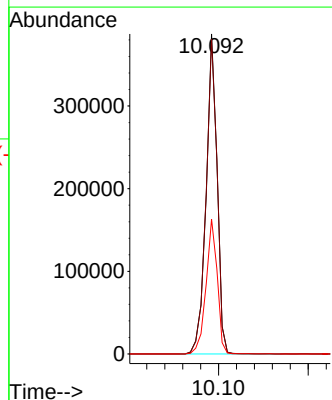
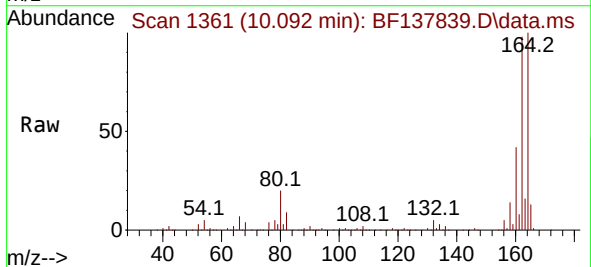
Instrument :  
BNA\_F  
ClientSampleId :  
PB160725BL

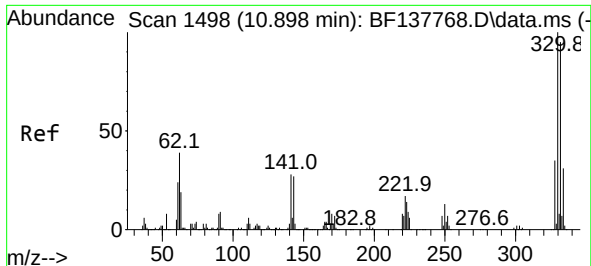
Tgt Ion: 82 Resp: 868015  
Ion Ratio Lower Upper  
82 100  
128 47.9 37.5 56.3  
54 47.5 39.8 59.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. -0.018 min  
Lab File: BF137839.D  
Acq: 06 May 2024 14:00

Tgt Ion:164 Resp: 328352  
Ion Ratio Lower Upper  
164 100  
162 98.4 79.8 119.6  
160 42.1 34.4 51.6

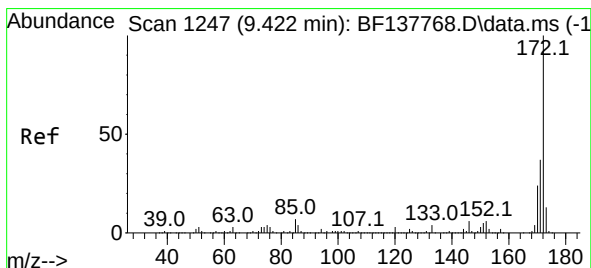
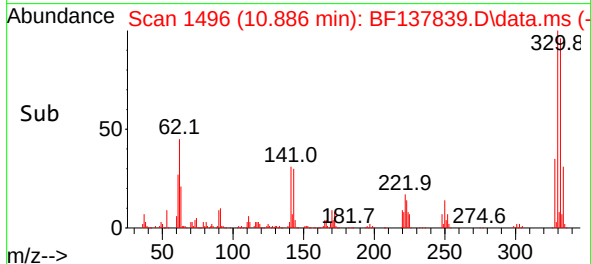
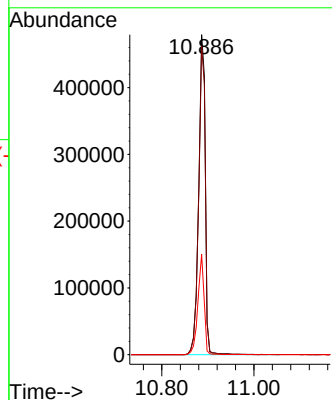
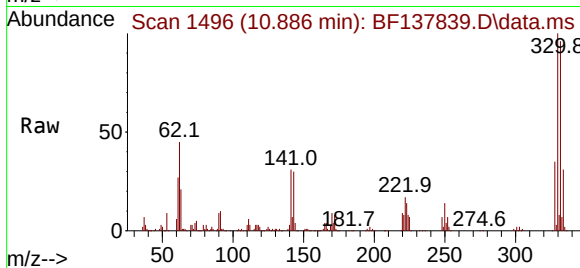




#42  
2,4,6-Tribromophenol  
Concen: 141.621 ng  
RT: 10.886 min Scan# 1496  
Delta R.T. -0.012 min  
Lab File: BF137839.D  
Acq: 06 May 2024 14:00

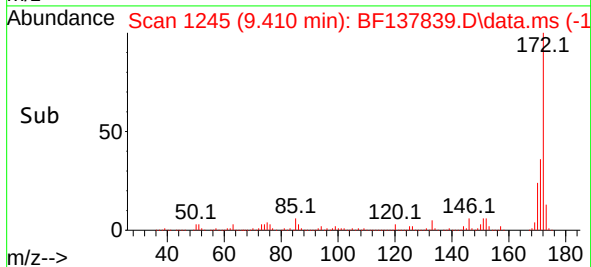
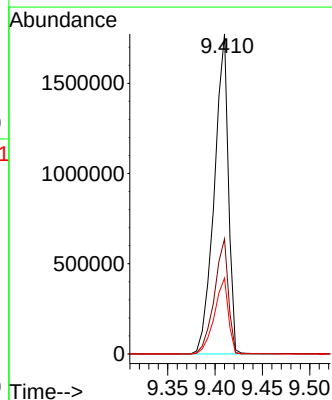
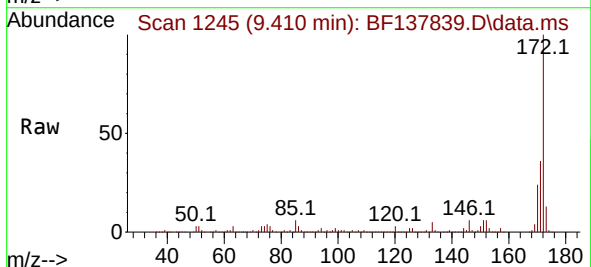
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ClientSampleId :  
PB160725BL

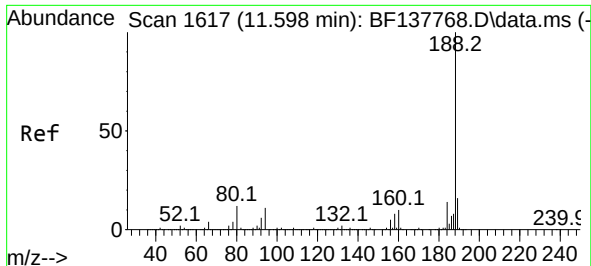
Tgt Ion:330 Resp: 474791  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.3 115.9  
141 29.6 23.8 35.6



#45  
2-Fluorobiphenyl  
Concen: 90.929 ng  
RT: 9.410 min Scan# 1245  
Delta R.T. -0.012 min  
Lab File: BF137839.D  
Acq: 06 May 2024 14:00

Tgt Ion:172 Resp: 1840323  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.6 44.4  
170 23.7 19.4 29.2

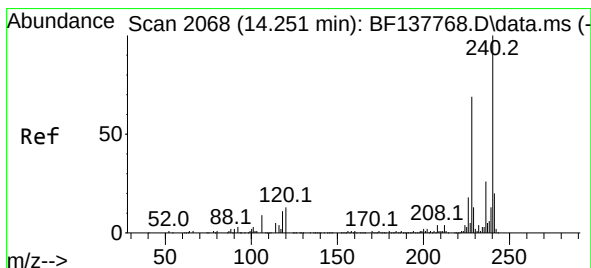
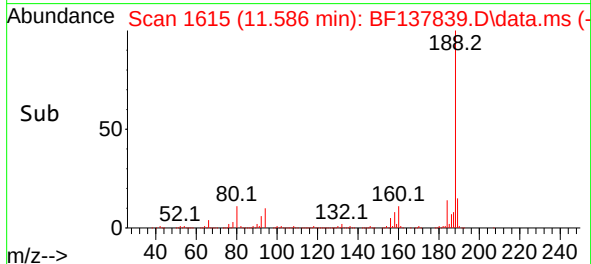
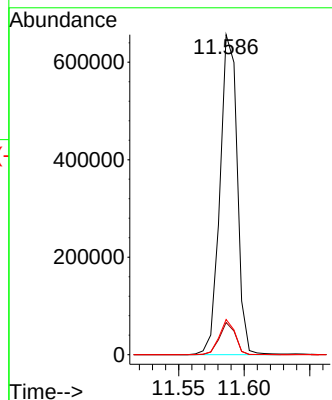
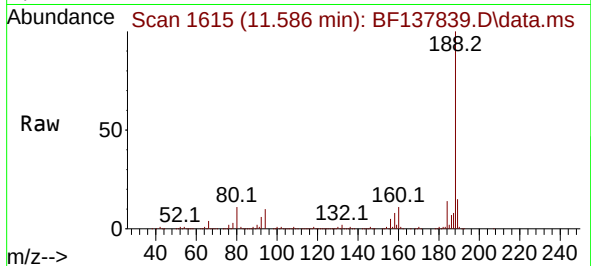




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.586 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF137839.D  
Acq: 06 May 2024 14:00

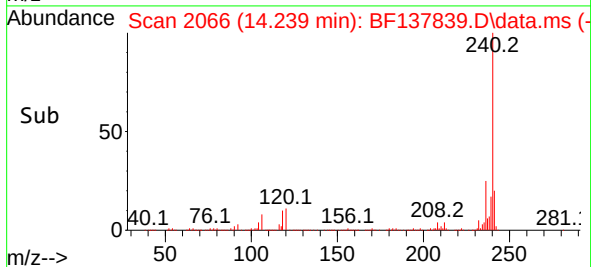
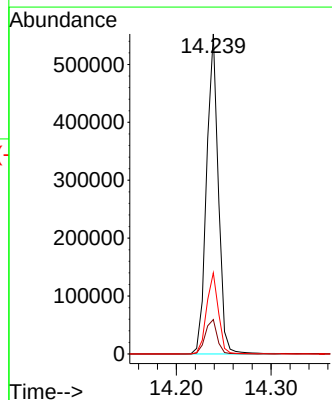
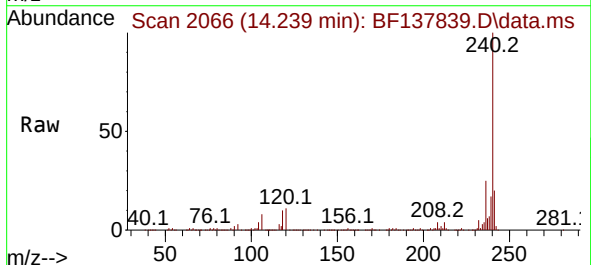
Instrument :  
BNA\_F  
ClientSampleId :  
PB160725BL

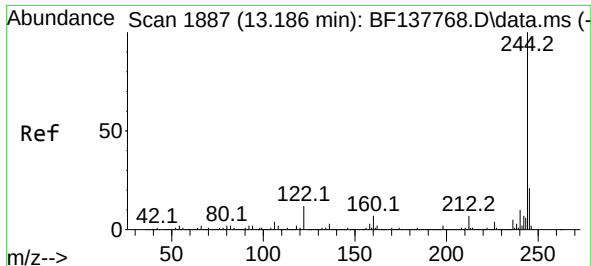
Tgt Ion:188 Resp: 599798  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.8 13.2  
80 11.0 9.6 14.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.239 min Scan# 2066  
Delta R.T. -0.012 min  
Lab File: BF137839.D  
Acq: 06 May 2024 14:00

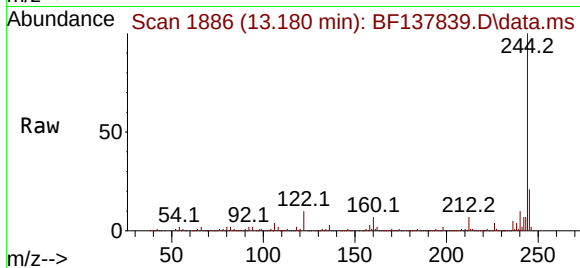
Tgt Ion:240 Resp: 476282  
Ion Ratio Lower Upper  
240 100  
120 10.7 10.4 15.6  
236 25.4 20.4 30.6



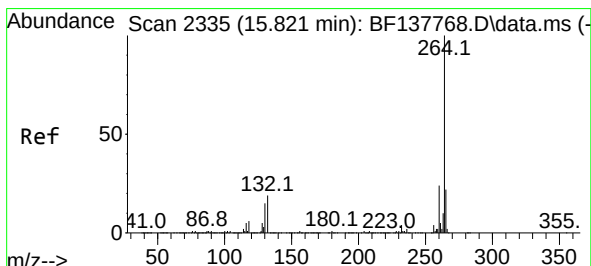
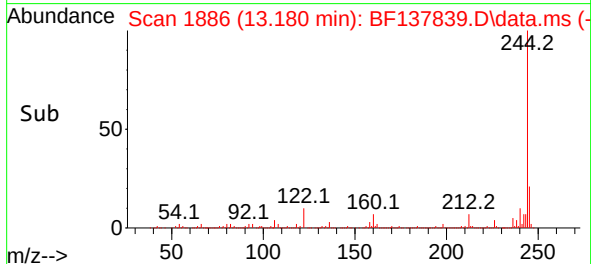
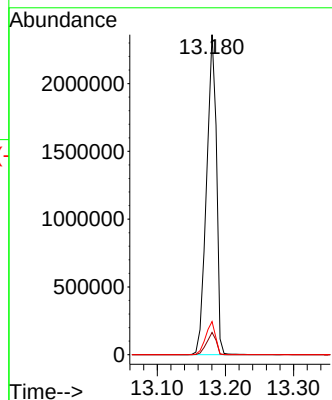


#79  
 Terphenyl-d14  
 Concen: 83.875 ng  
 RT: 13.180 min Scan# 1886  
 Delta R.T. -0.006 min  
 Lab File: BF137839.D  
 Acq: 06 May 2024 14:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB160725BL



Tgt Ion:244 Resp: 2383735  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.5 8.3  
 122 10.4 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: BF137839.D  
 Acq: 06 May 2024 14:00

Tgt Ion:264 Resp: 420023  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.9 28.3  
 265 21.4 17.4 26.0

