

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032324\  
 Data File : BM044732.D  
 Acq On : 22 Mar 2024 13:24  
 Operator : MA/JU  
 Sample : PB159733BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB159733BL

Quant Time: Mar 22 14:41:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 02:28:24 2024  
 Response via : Initial Calibration

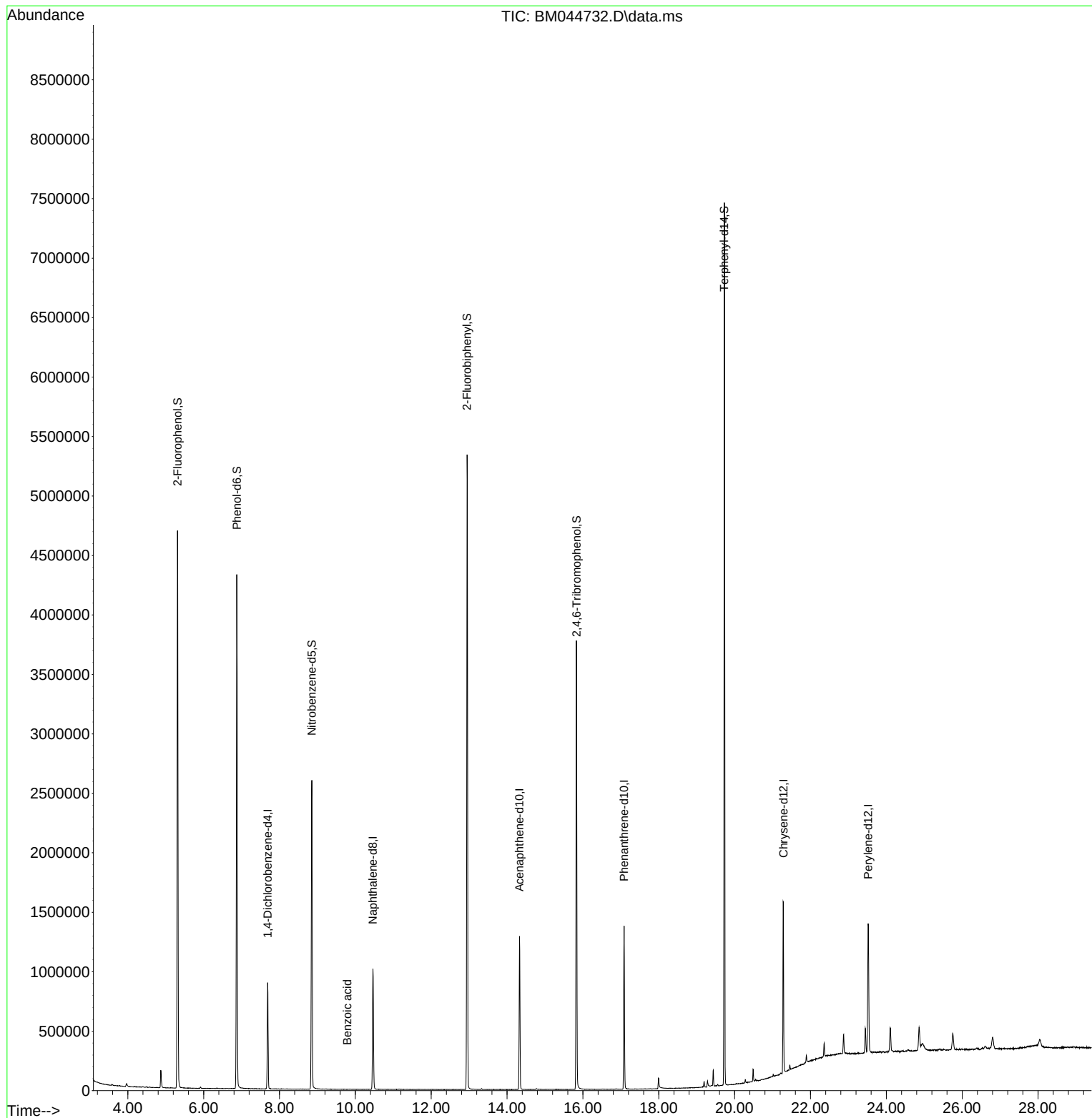
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|---------|-------|------------|
| -----                       |        |      |          |         |       |            |
| Internal Standards          |        |      |          |         |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 7.687  | 152  | 234352   | 20.000  | ng    | -0.02      |
| 21) Naphthalene-d8          | 10.463 | 136  | 856202   | 20.000  | ng    | -0.02      |
| 39) Acenaphthene-d10        | 14.327 | 164  | 421248   | 20.000  | ng    | -0.02      |
| 64) Phenanthrene-d10        | 17.086 | 188  | 792597   | 20.000  | ng    | -0.02      |
| 76) Chrysene-d12            | 21.286 | 240  | 660966   | 20.000  | ng    | -0.02      |
| 86) Perylene-d12            | 23.521 | 264  | 772540   | 20.000  | ng    | -0.03      |
| System Monitoring Compounds |        |      |          |         |       |            |
| 5) 2-Fluorophenol           | 5.310  | 112  | 2030270  | 124.386 | ng    | 0.00       |
| 7) Phenol-d6                | 6.875  | 99   | 2420698  | 115.278 | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 8.851  | 82   | 1484966  | 83.554  | ng    | -0.01      |
| 42) 2,4,6-Tribromophenol    | 15.833 | 330  | 615713   | 132.519 | ng    | -0.01      |
| 45) 2-Fluorobiphenyl        | 12.945 | 172  | 2710944  | 88.631  | ng    | -0.02      |
| 79) Terphenyl-d14           | 19.727 | 244  | 3421253  | 90.549  | ng    | -0.02      |
| Target Compounds            |        |      |          |         |       |            |
| 32) Benzoic acid            | 9.787  | 122  | 58       | 3.624   | ng    | Qvalue # 1 |
| -----                       |        |      |          |         |       |            |

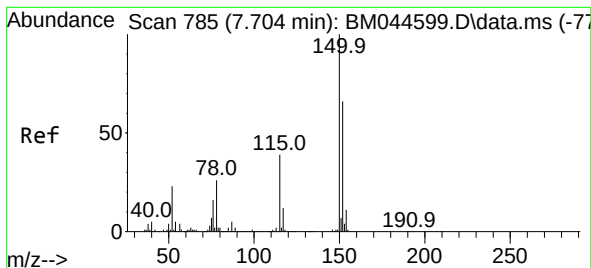
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032324\  
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BNA\_M  
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Quant Time: Mar 22 14:41:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 14 02:28:24 2024  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.017 min

Lab File: BM044732.D

Acq: 22 Mar 2024 13:24

Instrument :

BNA\_M

ClientSampleId :

PB159733BL

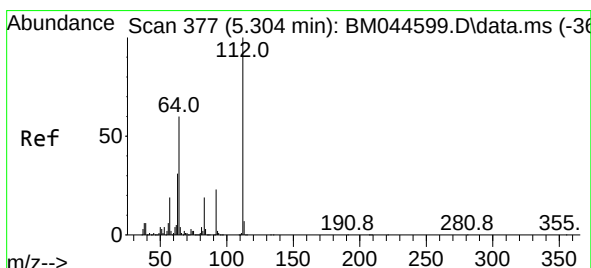
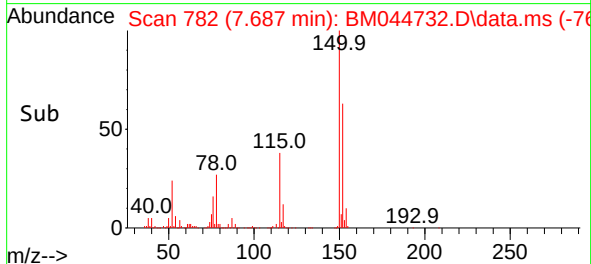
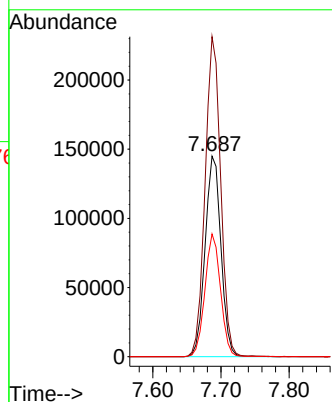
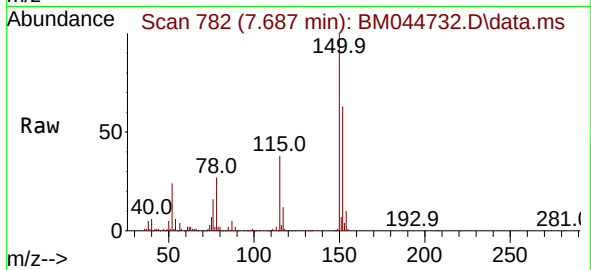
Tgt Ion:152 Resp: 234352

Ion Ratio Lower Upper

152 100

150 159.6 121.9 182.9

115 61.2 47.1 70.7



#5

2-Fluorophenol

Concen: 124.386 ng

RT: 5.310 min Scan# 378

Delta R.T. 0.006 min

Lab File: BM044732.D

Acq: 22 Mar 2024 13:24

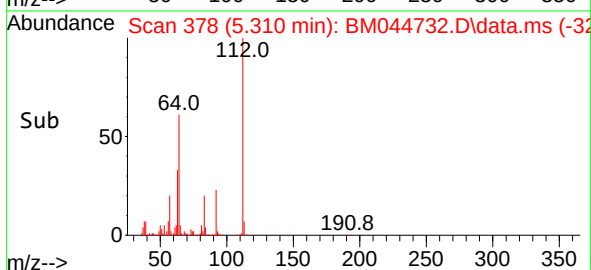
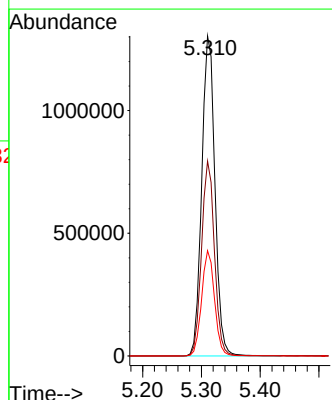
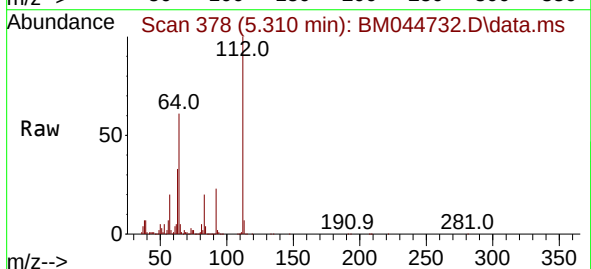
Tgt Ion:112 Resp: 2030270

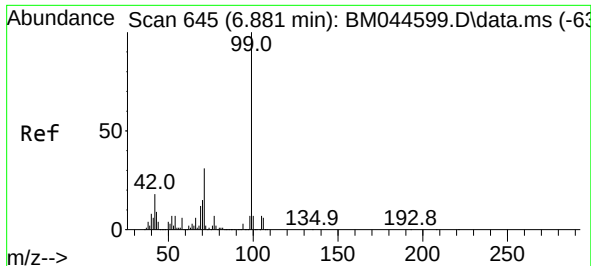
Ion Ratio Lower Upper

112 100

64 60.9 47.9 71.9

63 32.9 25.0 37.4



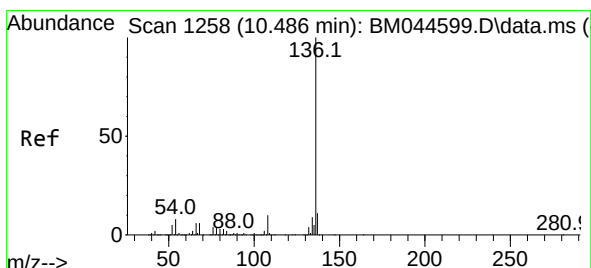
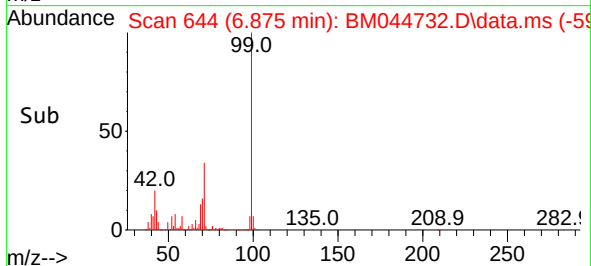
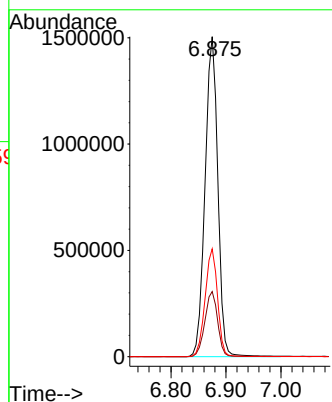
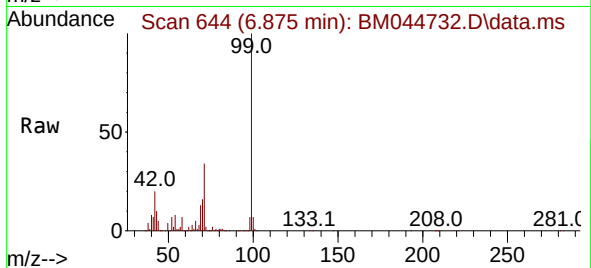


#7  
Phenol-d6  
Concen: 115.278 ng  
RT: 6.875 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BM044732.D  
Acq: 22 Mar 2024 13:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB159733BL

Tgt Ion: 99 Resp: 2420698  

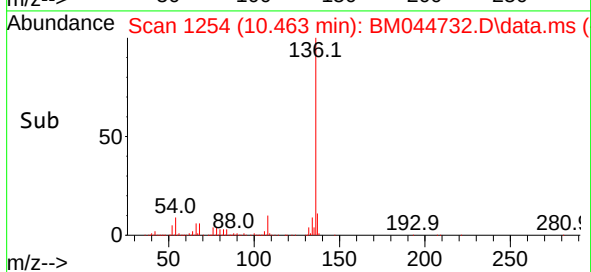
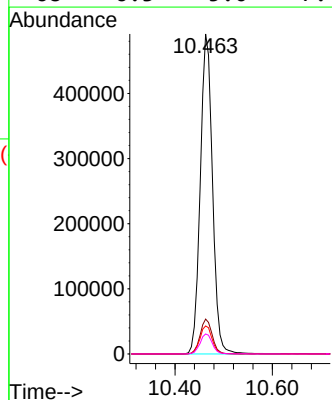
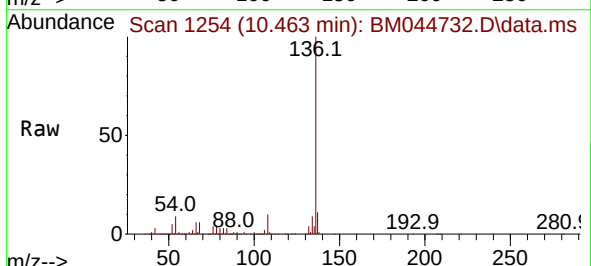
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.4  | 14.3  | 21.5  |
| 71  | 33.7  | 24.5  | 36.7  |

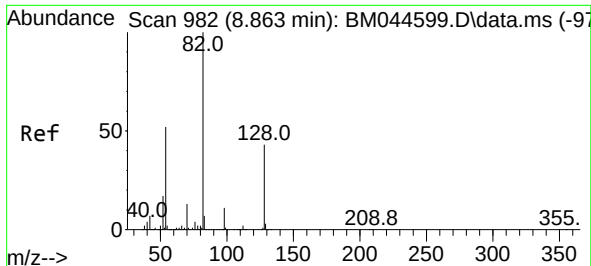


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.463 min Scan# 1254  
Delta R.T. -0.023 min  
Lab File: BM044732.D  
Acq: 22 Mar 2024 13:24

Tgt Ion: 136 Resp: 856202  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.9   | 13.3  |
| 54  | 8.7   | 6.6   | 10.0  |
| 68  | 6.3   | 5.0   | 7.4   |

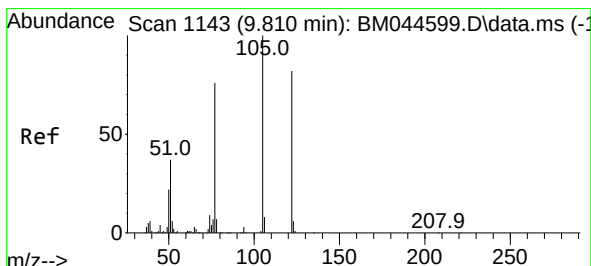
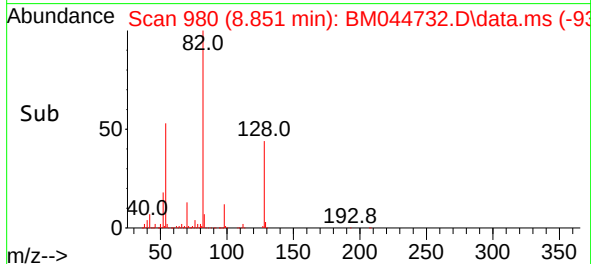
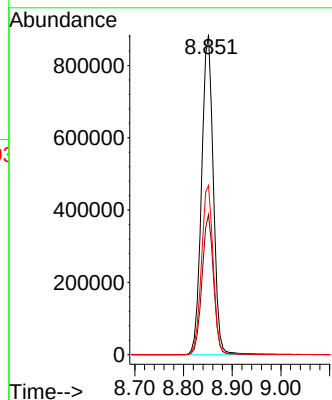
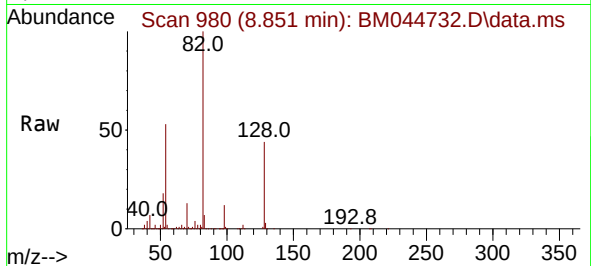




#23  
Nitrobenzene-d5  
Concen: 83.554 ng  
RT: 8.851 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BM044732.D  
Acq: 22 Mar 2024 13:24

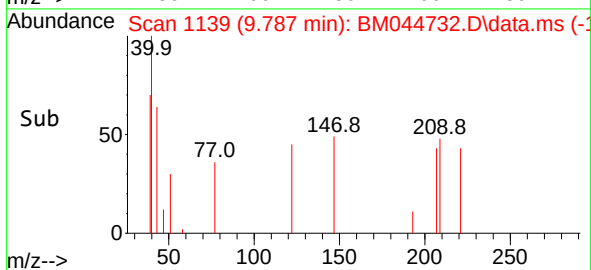
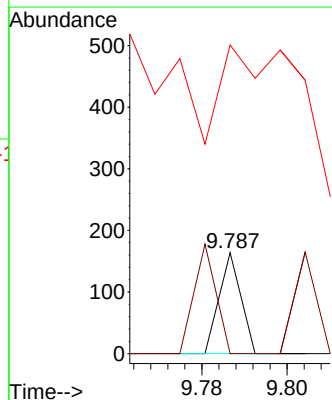
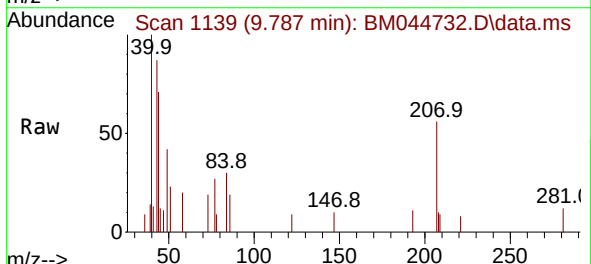
Instrument :  
BNA\_M  
ClientSampleId :  
PB159733BL

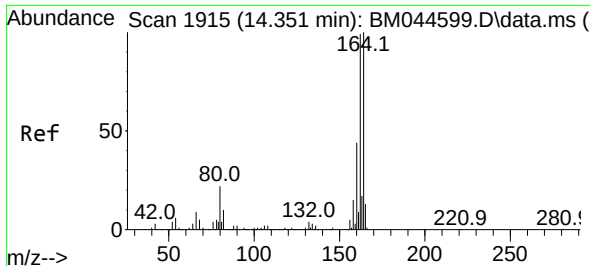
Tgt Ion: 82 Resp: 1484966  
Ion Ratio Lower Upper  
82 100  
128 43.7 34.2 51.4  
54 52.8 41.3 61.9



#32  
Benzoic acid  
Concen: 3.624 ng  
RT: 9.787 min Scan# 1139  
Delta R.T. -0.023 min  
Lab File: BM044732.D  
Acq: 22 Mar 2024 13:24

Tgt Ion: 122 Resp: 58  
Ion Ratio Lower Upper  
122 100  
105 0.0 100.0 140.0#  
77 305.5 72.5 112.5#

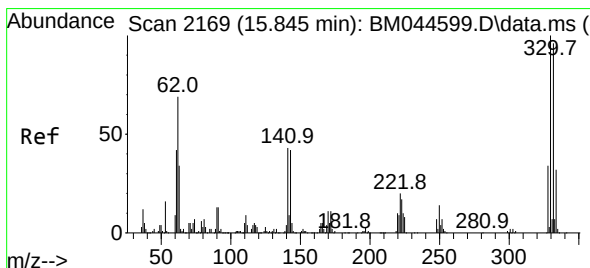
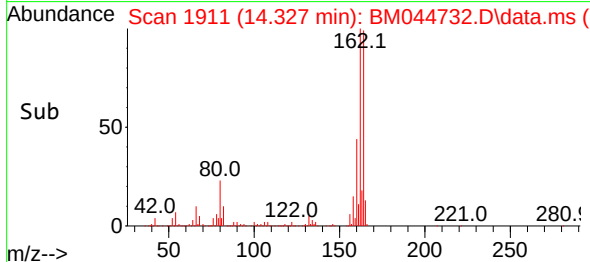
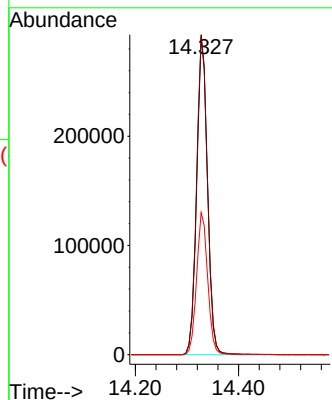
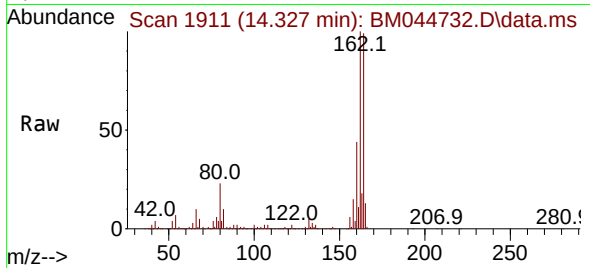




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.327 min Scan# 1915  
Delta R.T. -0.023 min  
Lab File: BM044732.D  
Acq: 22 Mar 2024 13:24

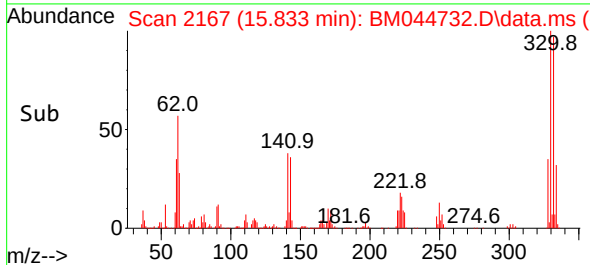
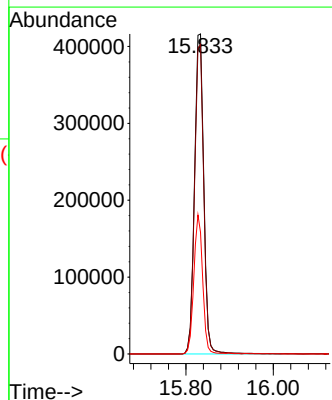
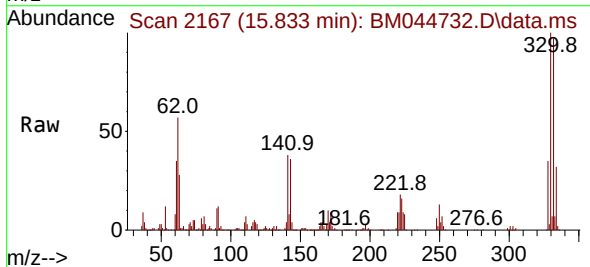
Instrument :  
BNA\_M  
ClientSampleId :  
PB159733BL

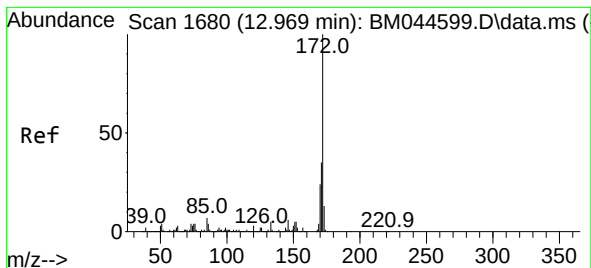
Tgt Ion:164 Resp: 421248  
Ion Ratio Lower Upper  
164 100  
162 100.7 79.3 118.9  
160 44.7 35.2 52.8



#42  
2,4,6-Tribromophenol  
Concen: 132.519 ng  
RT: 15.833 min Scan# 2167  
Delta R.T. -0.012 min  
Lab File: BM044732.D  
Acq: 22 Mar 2024 13:24

Tgt Ion:330 Resp: 615713  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.8 116.8  
141 41.3 33.4 50.0





#45

2-Fluorobiphenyl

Concen: 88.631 ng

RT: 12.945 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM044732.D

Acq: 22 Mar 2024 13:24

Instrument :

BNA\_M

ClientSampleId :

PB159733BL

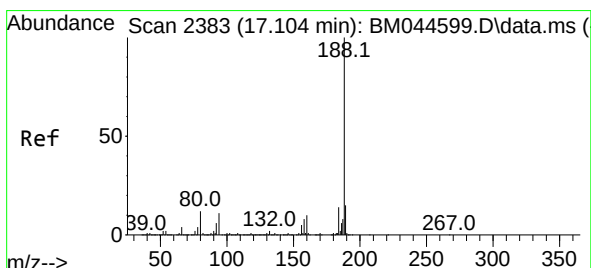
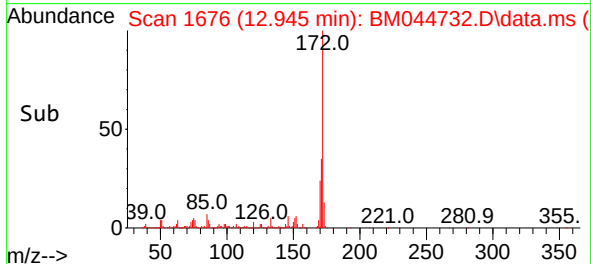
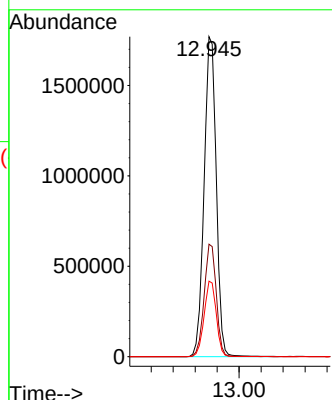
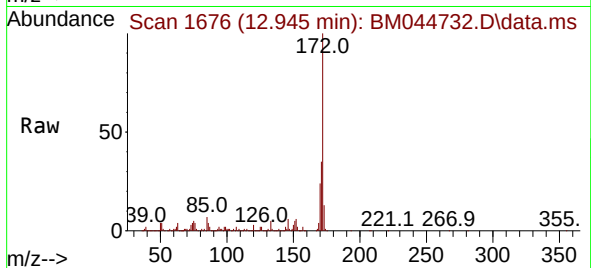
Tgt Ion:172 Resp: 2710944

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.6 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 2380

Delta R.T. -0.017 min

Lab File: BM044732.D

Acq: 22 Mar 2024 13:24

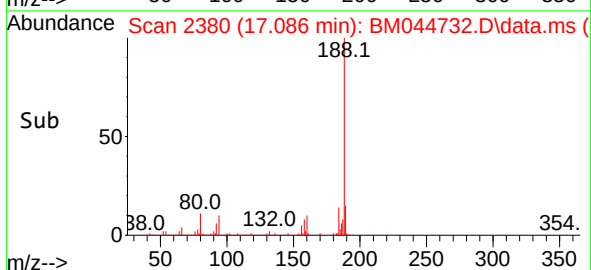
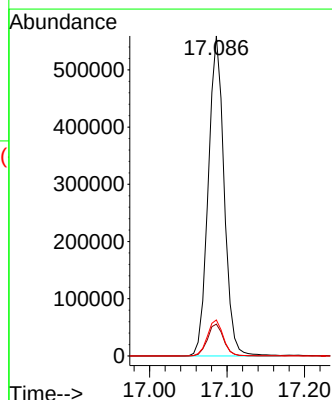
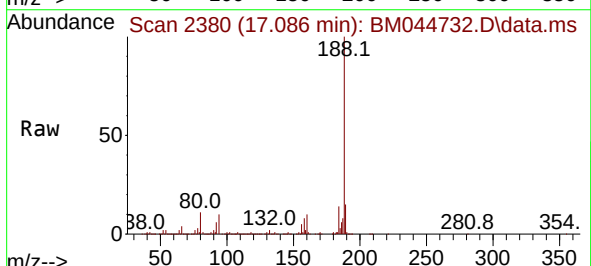
Tgt Ion:188 Resp: 792597

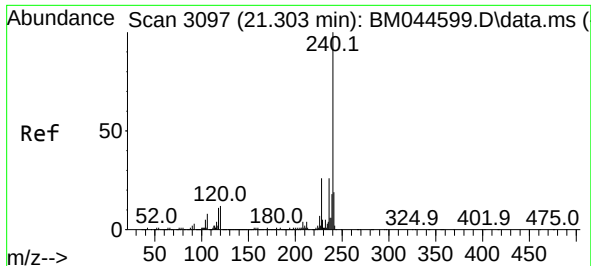
Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

80 11.3 9.4 14.0

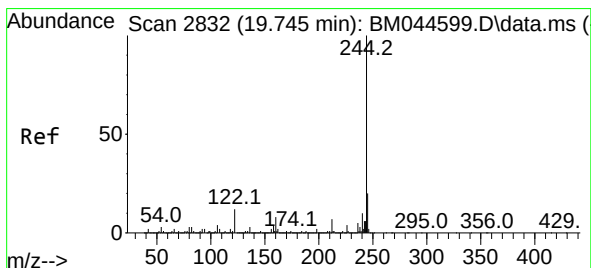
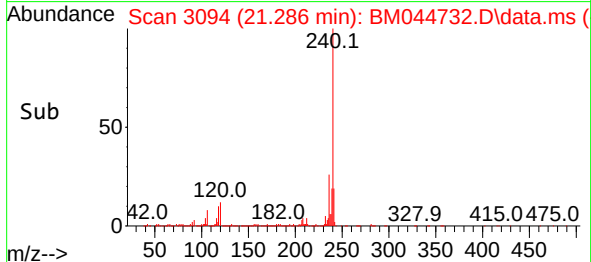
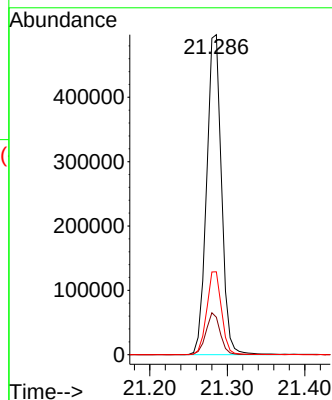
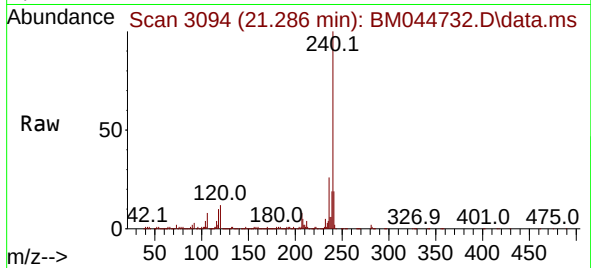




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.286 min Scan# 3094  
Delta R.T. -0.017 min  
Lab File: BM044732.D  
Acq: 22 Mar 2024 13:24

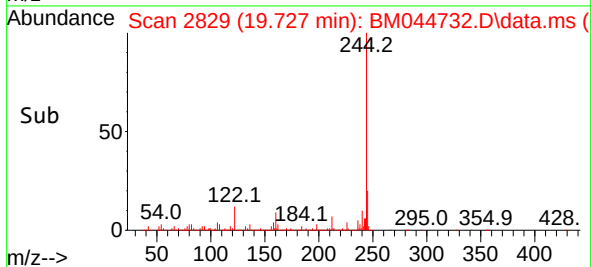
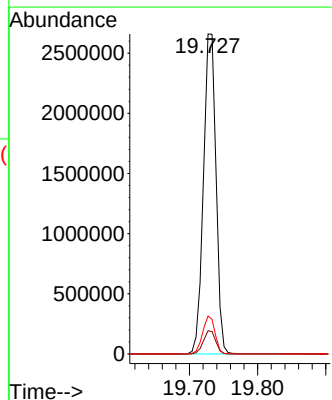
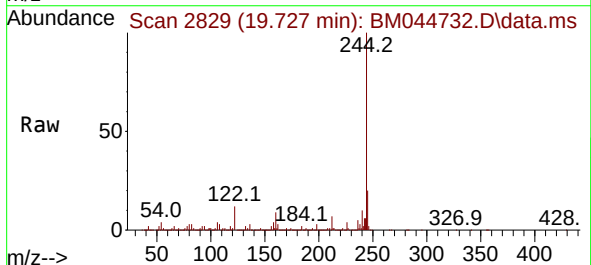
Instrument :  
BNA\_M  
ClientSampleId :  
PB159733BL

Tgt Ion:240 Resp: 660966  
Ion Ratio Lower Upper  
240 100  
120 11.7 9.7 14.5  
236 25.9 21.0 31.4

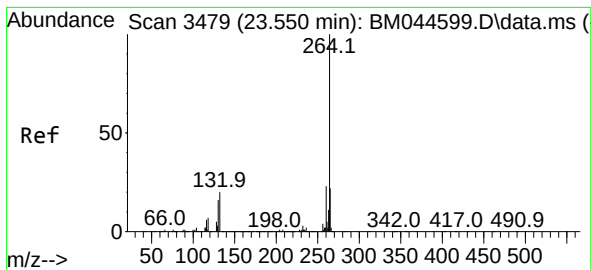


#79  
Terphenyl-d14  
Concen: 90.549 ng  
RT: 19.727 min Scan# 2829  
Delta R.T. -0.017 min  
Lab File: BM044732.D  
Acq: 22 Mar 2024 13:24

Tgt Ion:244 Resp: 3421253  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.5 8.3  
122 11.9 9.7 14.5







#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.521 min Scan# 34  
 Delta R.T. -0.029 min  
 Lab File: BM044732.D  
 Acq: 22 Mar 2024 13:24

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB159733BL

Tgt Ion:264 Resp: 772540  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.3 27.5  
 265 21.5 17.5 26.3

