

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081324\  
Data File : BM047168.D  
Acq On : 13 Aug 2024 09:29  
Operator : RC/JU  
Sample : PB162549BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Aug 13 10:51:58 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 11 23:47:58 2024  
Response via : Initial Calibration

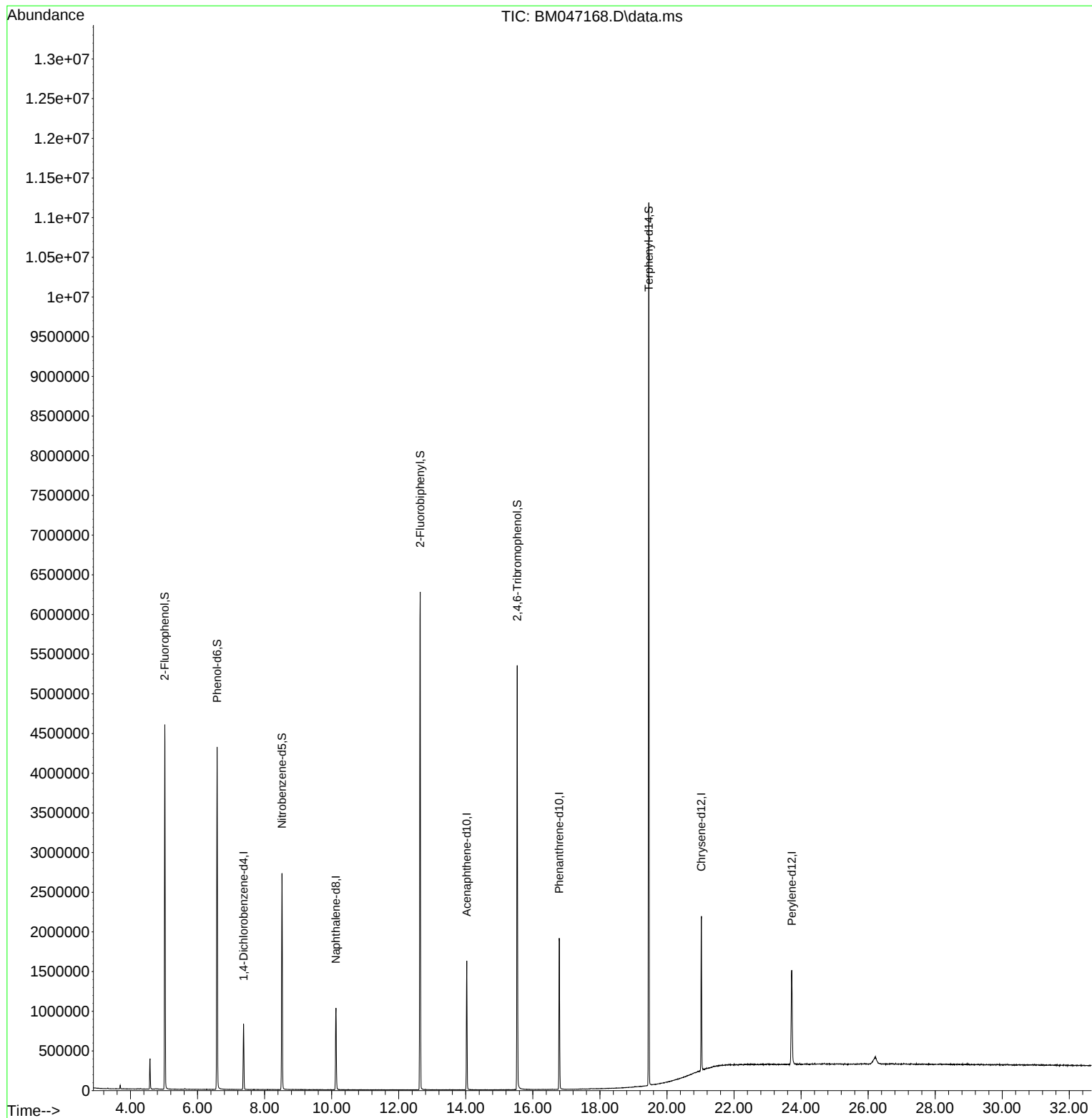
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.375  | 152  | 221837   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.128 | 136  | 827896   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.027 | 164  | 537882   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.786 | 188  | 1130296  | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12            | 21.027 | 240  | 940749   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12            | 23.721 | 264  | 990210   | 20.000    | ng    | 0.00     |
|                             |        |      |          |           |       |          |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.022  | 112  | 1865491  | 150.261   | ng    | 0.00     |
| 7) Phenol-d6                | 6.581  | 99   | 2397177  | 140.130   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.516  | 82   | 1562489  | 95.032    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.533 | 330  | 890920   | 142.848   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.639 | 172  | 3260272  | 93.497    | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.456 | 244  | 5058274  | 115.213   | ng    | 0.00     |
|                             |        |      |          |           |       |          |
| Target Compounds            |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde             | 6.534  | 77   | 299      | Below Cal | #     | 23       |
| -----                       |        |      |          |           |       |          |

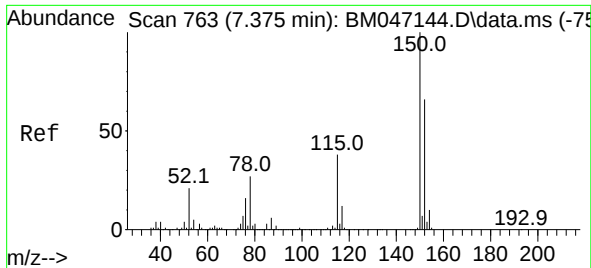
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_M  
ClientSampleId :

Quant Time: Aug 13 10:51:58 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 11 23:47:58 2024  
Response via : Initial Calibration

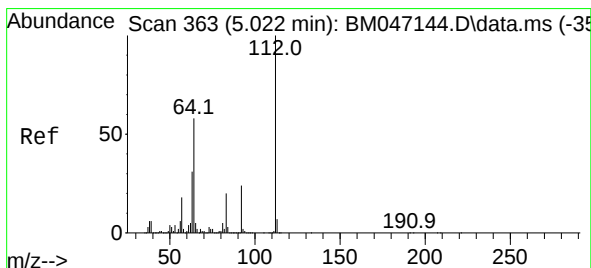
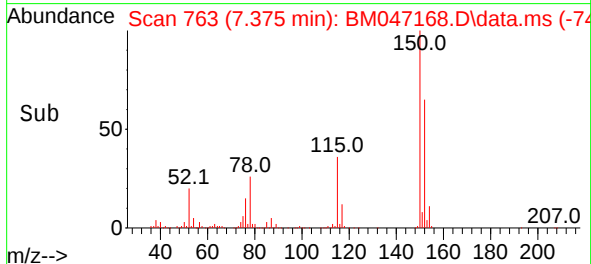
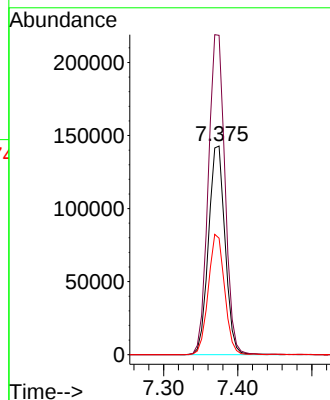
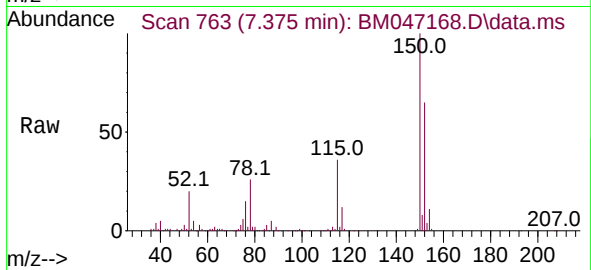




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.375 min Scan# 763  
Delta R.T. -0.000 min  
Lab File: BM047168.D  
Acq: 13 Aug 2024 09:29

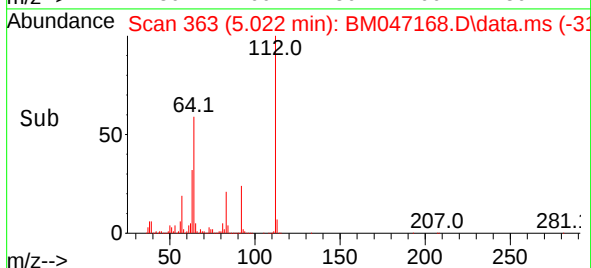
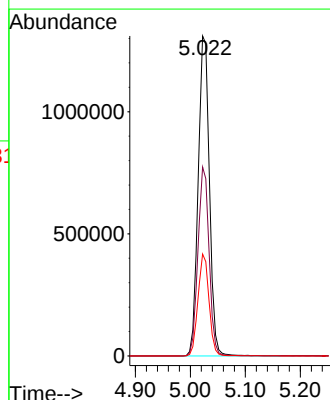
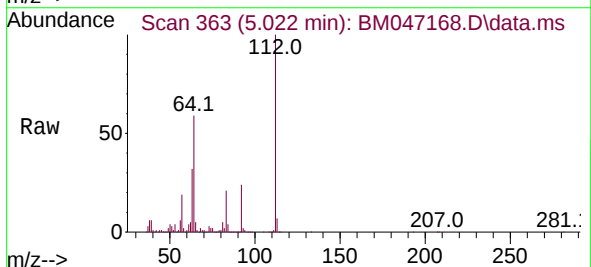
Instrument :  
BNA\_M  
ClientSampleId :

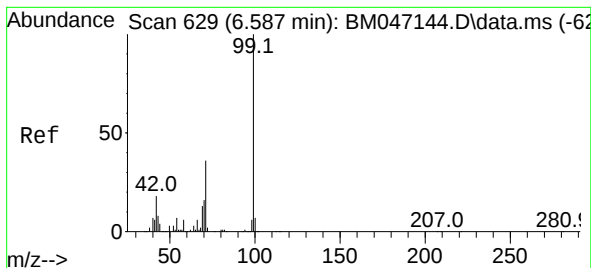
Tgt Ion:152 Resp: 221837  
Ion Ratio Lower Upper  
152 100  
150 153.1 120.5 180.7  
115 55.9 45.5 68.3



#5  
2-Fluorophenol  
Concen: 150.261 ng  
RT: 5.022 min Scan# 363  
Delta R.T. -0.000 min  
Lab File: BM047168.D  
Acq: 13 Aug 2024 09:29

Tgt Ion:112 Resp: 1865491  
Ion Ratio Lower Upper  
112 100  
64 59.0 46.7 70.1  
63 31.8 24.8 37.2





#7

Phenol-d6

Concen: 140.130 ng

RT: 6.581 min Scan# 61

Delta R.T. -0.006 min

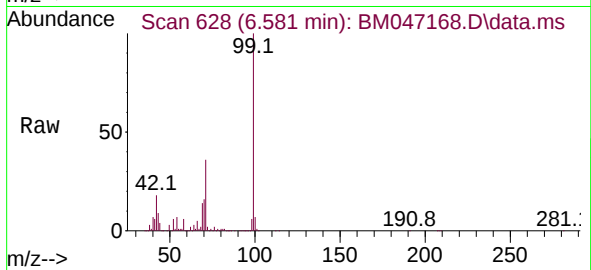
Lab File: BM047168.D

Acq: 13 Aug 2024 09:29

Instrument :

BNA\_M

ClientSampleId :



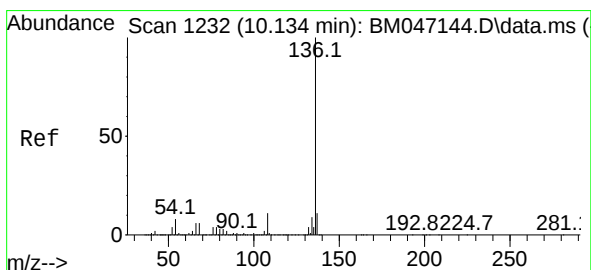
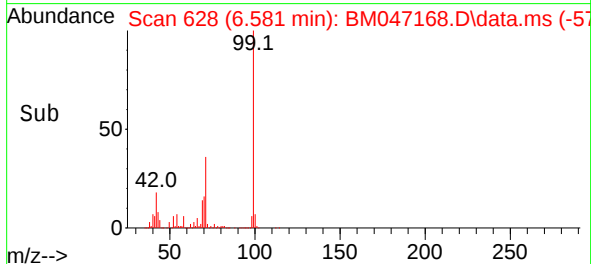
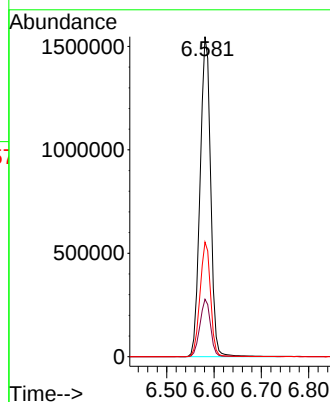
Tgt Ion: 99 Resp: 2397177

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

71 35.8 28.5 42.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.128 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BM047168.D

Acq: 13 Aug 2024 09:29

Tgt Ion: 136 Resp: 827896

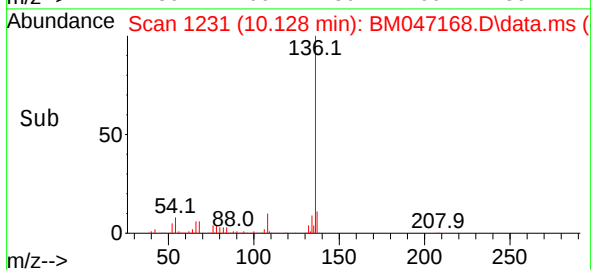
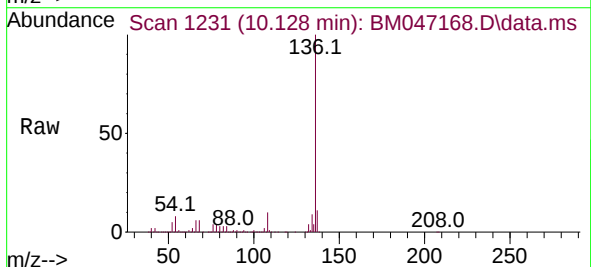
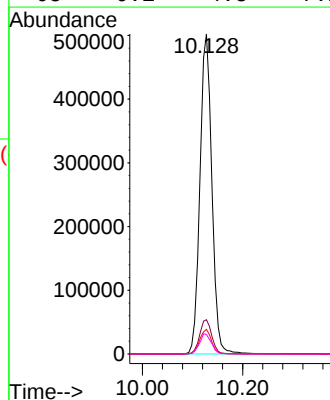
Ion Ratio Lower Upper

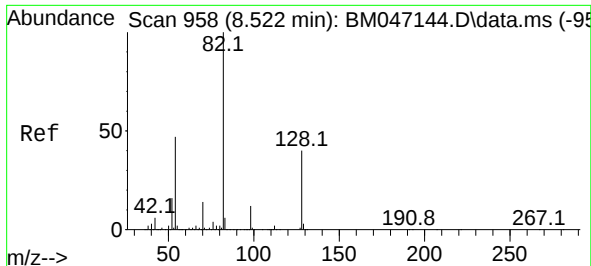
136 100

137 10.7 8.8 13.2

54 7.7 6.0 9.0

68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 95.032 ng

RT: 8.516 min Scan# 957

Delta R.T. -0.006 min

Lab File: BM047168.D

Acq: 13 Aug 2024 09:29

Instrument :

BNA\_M

ClientSampleId :

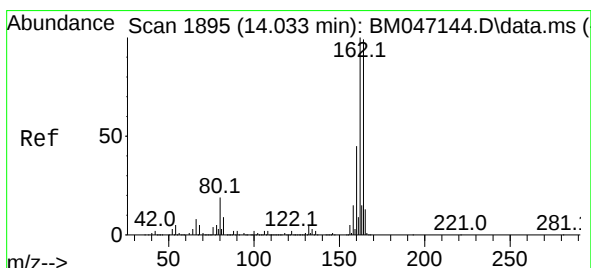
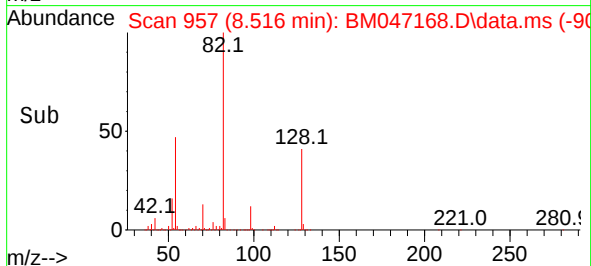
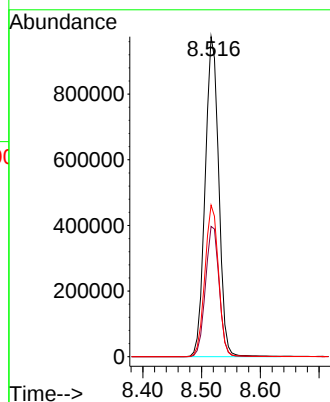
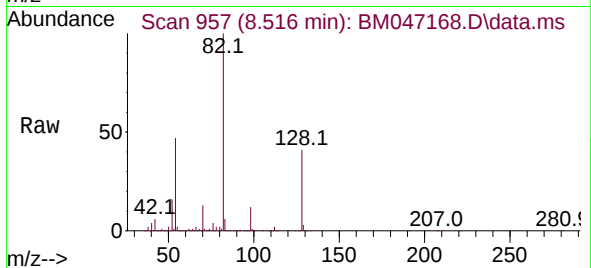
Tgt Ion: 82 Resp: 1562489

Ion Ratio Lower Upper

82 100

128 40.7 32.3 48.5

54 47.3 37.4 56.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.027 min Scan# 1894

Delta R.T. -0.006 min

Lab File: BM047168.D

Acq: 13 Aug 2024 09:29

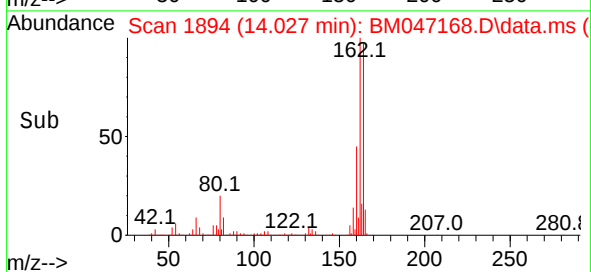
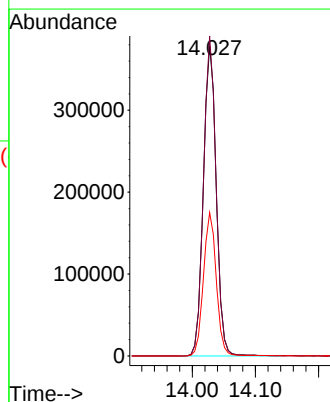
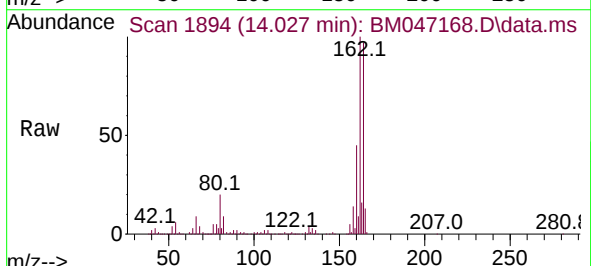
Tgt Ion: 164 Resp: 537882

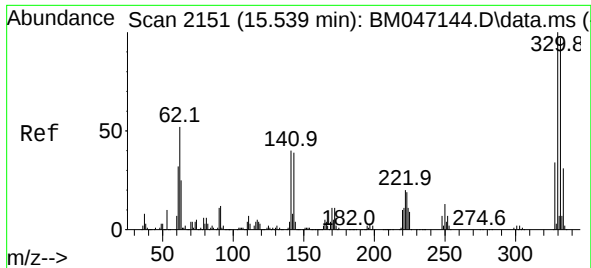
Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

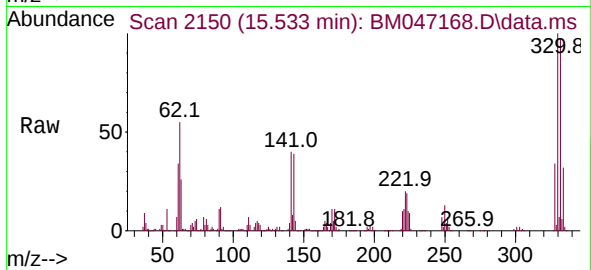
160 46.2 36.0 54.0



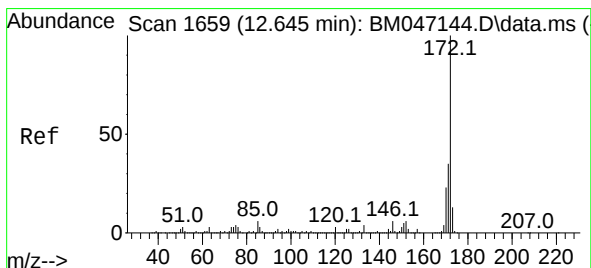
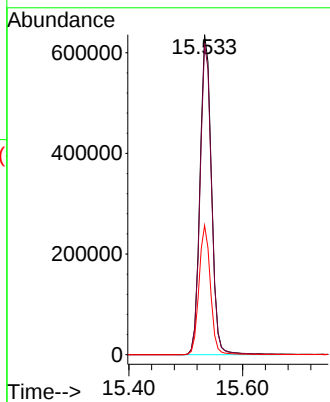
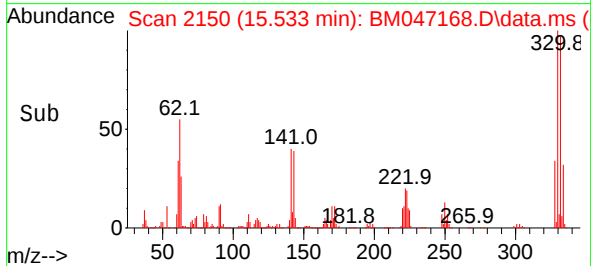


#42  
2,4,6-Tribromophenol  
Concen: 142.848 ng  
RT: 15.533 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: BM047168.D  
Acq: 13 Aug 2024 09:29

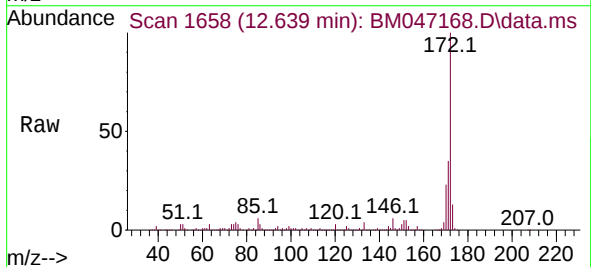
Instrument :  
BNA\_M  
ClientSampleId :



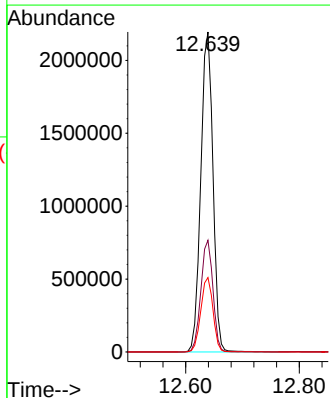
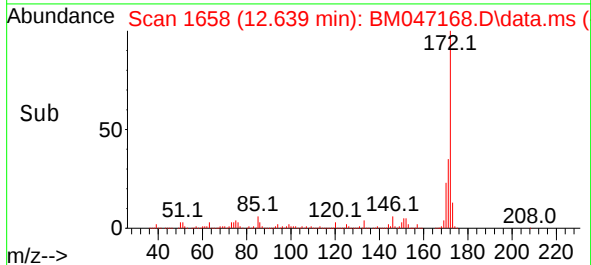
Tgt Ion:330 Resp: 890920  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.4 116.2  
141 40.3 31.6 47.4

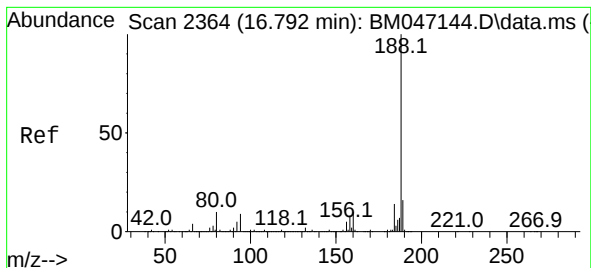


#45  
2-Fluorobiphenyl  
Concen: 93.497 ng  
RT: 12.639 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: BM047168.D  
Acq: 13 Aug 2024 09:29



Tgt Ion:172 Resp: 3260272  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.6  
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM047168.D

Acq: 13 Aug 2024 09:29

Instrument :

BNA\_M

ClientSampleId :

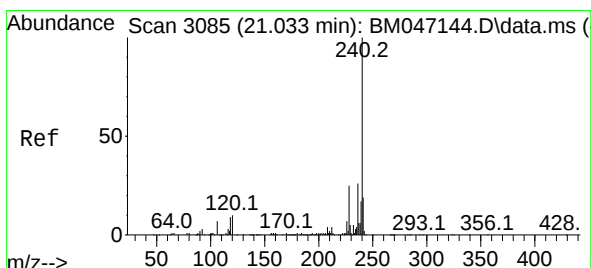
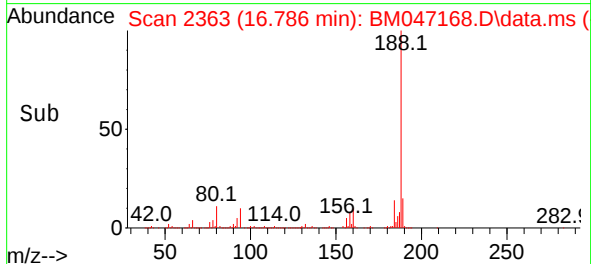
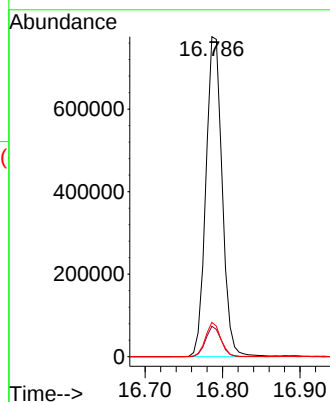
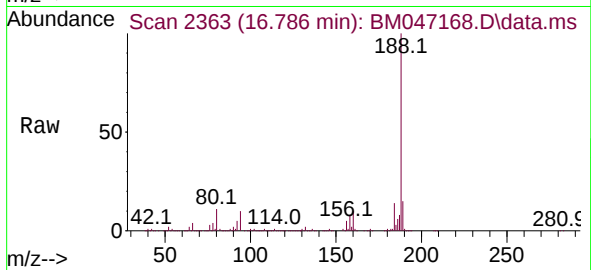
Tgt Ion:188 Resp: 1130296

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.7 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047168.D

Acq: 13 Aug 2024 09:29

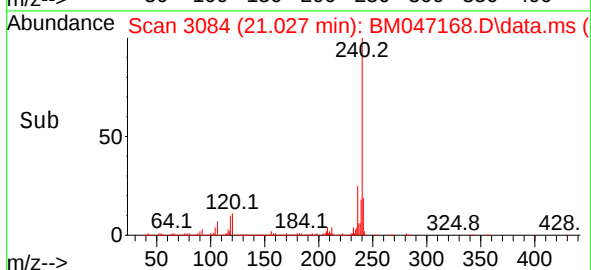
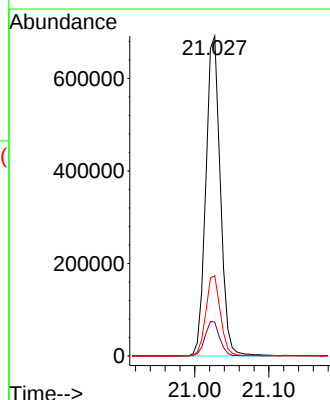
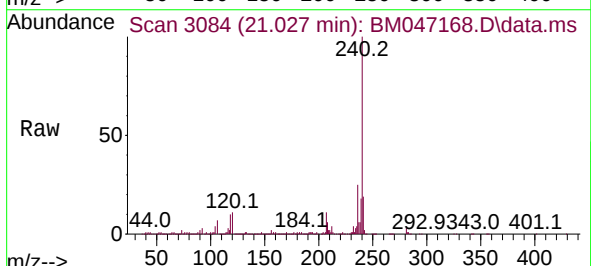
Tgt Ion:240 Resp: 940749

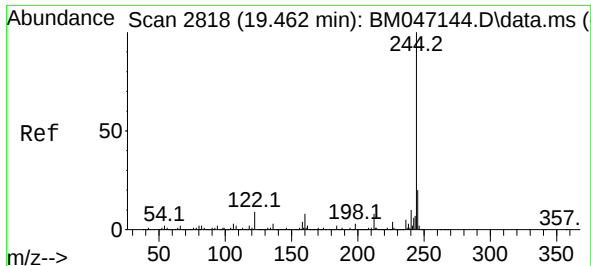
Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

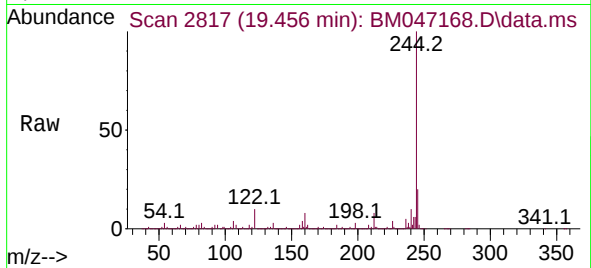
236 25.0 20.6 30.8



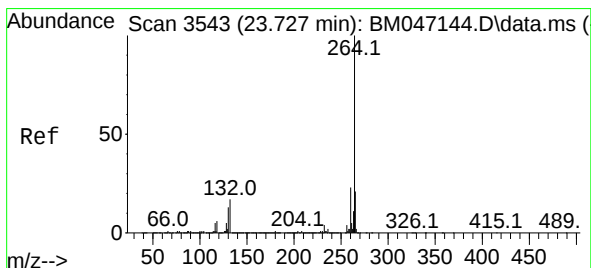
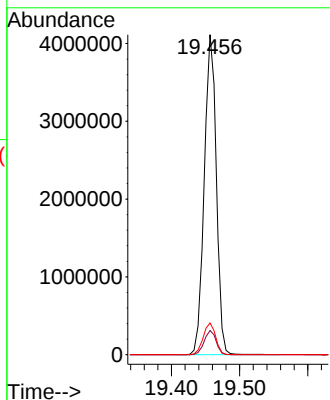
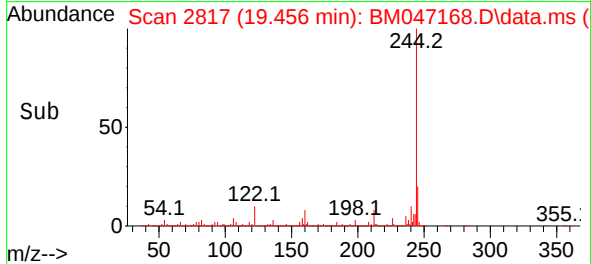


#79  
 Terphenyl-d14  
 Concen: 115.213 ng  
 RT: 19.456 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047168.D  
 Acq: 13 Aug 2024 09:29

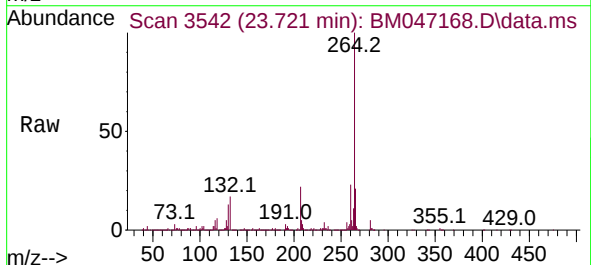
Instrument :  
 BNA\_M  
 ClientSampleId :



Tgt Ion:244 Resp: 5058274  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.4  
 122 9.9 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.721 min Scan# 3542  
 Delta R.T. -0.006 min  
 Lab File: BM047168.D  
 Acq: 13 Aug 2024 09:29



Tgt Ion:264 Resp: 990210  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.5 27.7  
 265 21.4 17.3 25.9

