

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081024\  
 Data File : BM047149.D  
 Acq On : 10 Aug 2024 19:50  
 Operator : RC/JU  
 Sample : PB162577TB  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162577TB

Quant Time: Aug 12 00:45:41 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  | 224898   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.128 | 136  | 851791   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.027 | 164  | 564425   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.792 | 188  | 1220847  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.027 | 240  | 1072675  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.721 | 264  | 1222944  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.028  | 112  | 1857402  | 147.573 | ng    | 0.00     |
| 7) Phenol-d6                | 6.587  | 99   | 2482092  | 143.119 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.522  | 82   | 1599185  | 94.535  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.539 | 330  | 981631   | 149.991 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.639 | 172  | 3481271  | 95.140  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.456 | 244  | 5505917  | 109.986 | ng    | 0.00     |

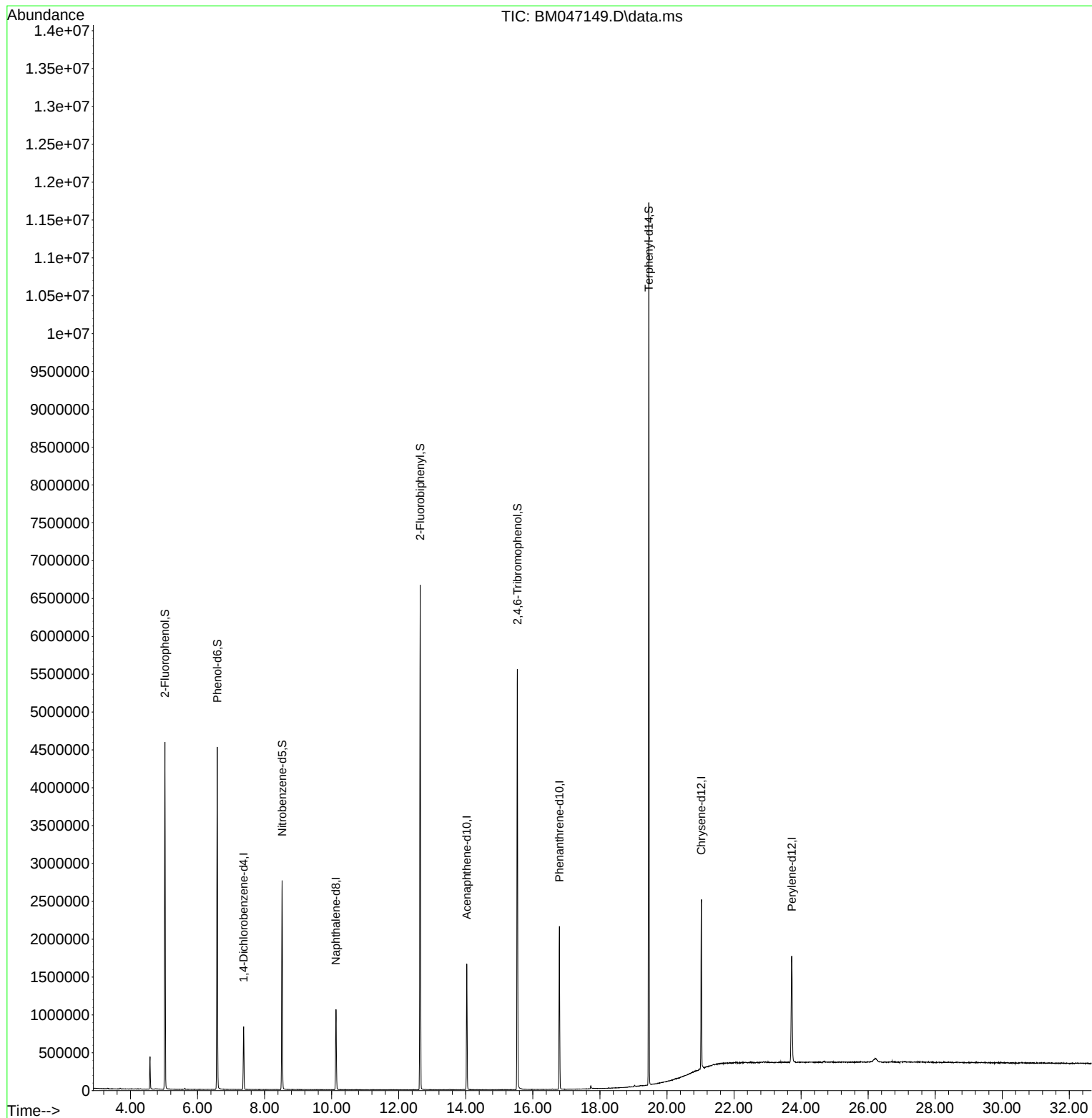
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

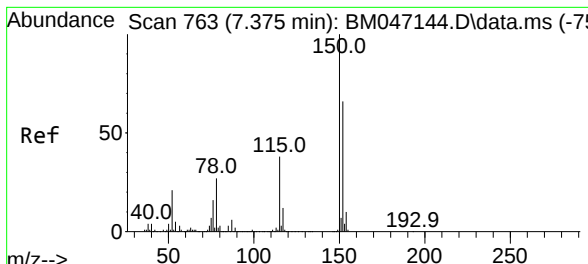
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Aug 11 23:47:58 2024  
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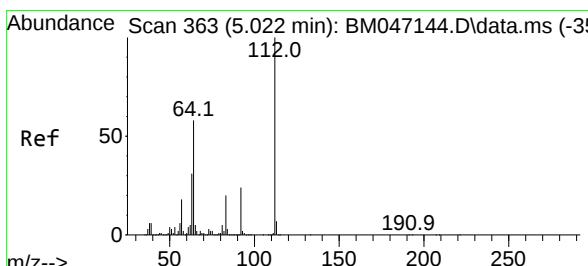
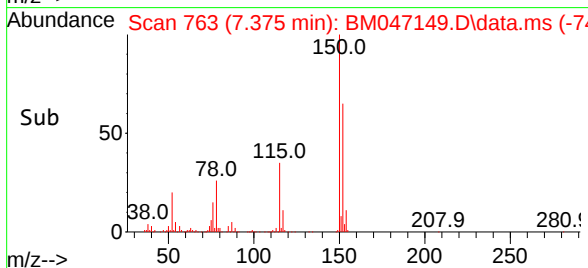
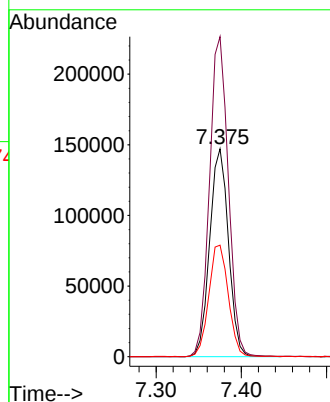
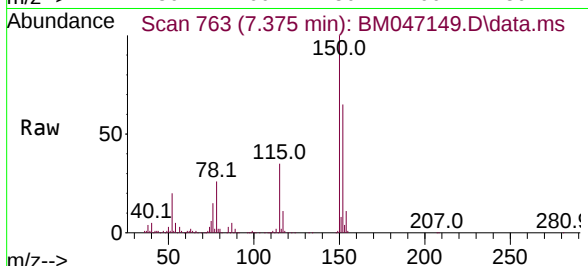




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.375 min Scan# 763  
 Delta R.T. -0.000 min  
 Lab File: BM047149.D  
 Acq: 10 Aug 2024 19:50

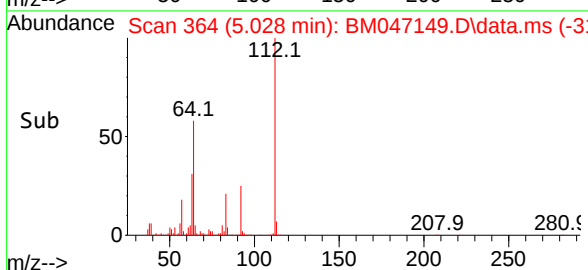
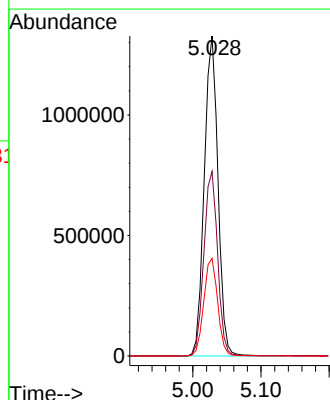
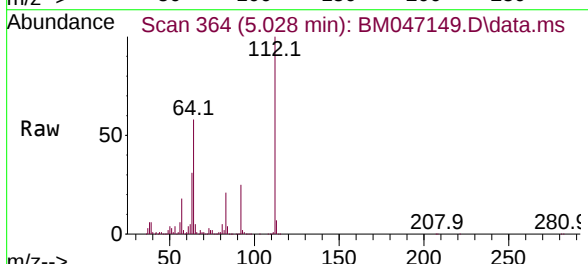
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162577TB

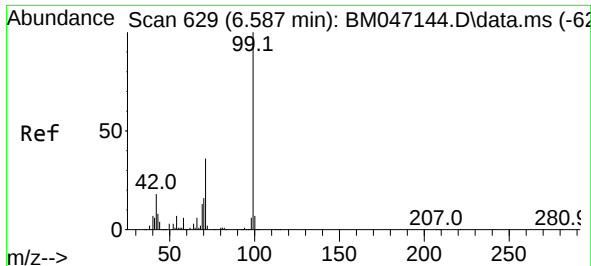
Tgt Ion:152 Resp: 224898  
 Ion Ratio Lower Upper  
 152 100  
 150 154.0 120.5 180.7  
 115 53.7 45.5 68.3



#5  
 2-Fluorophenol  
 Concen: 147.573 ng  
 RT: 5.028 min Scan# 364  
 Delta R.T. 0.006 min  
 Lab File: BM047149.D  
 Acq: 10 Aug 2024 19:50

Tgt Ion:112 Resp: 1857402  
 Ion Ratio Lower Upper  
 112 100  
 64 57.6 46.7 70.1  
 63 30.5 24.8 37.2



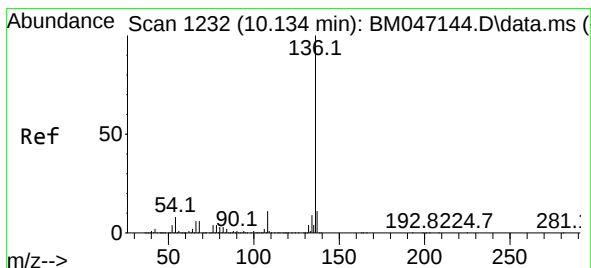
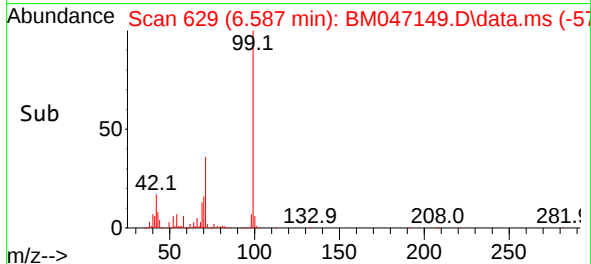
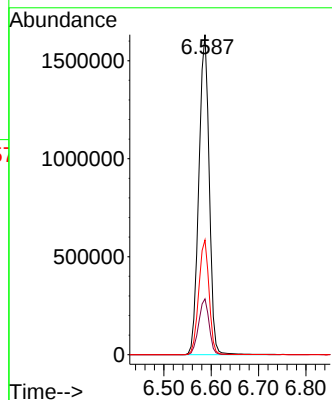
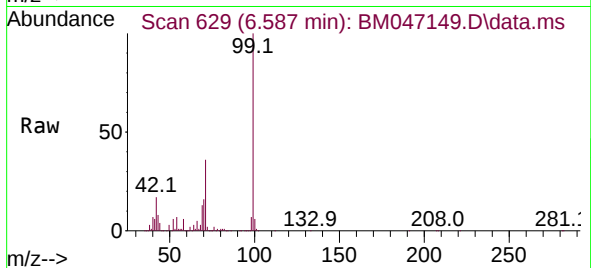


#7  
Phenol-d6  
Concen: 143.119 ng  
RT: 6.587 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM047149.D  
Acq: 10 Aug 2024 19:50

Instrument :  
BNA\_M  
ClientSampleId :  
PB162577TB

Tgt Ion: 99 Resp: 2482092

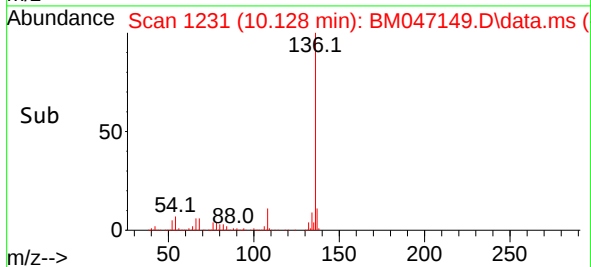
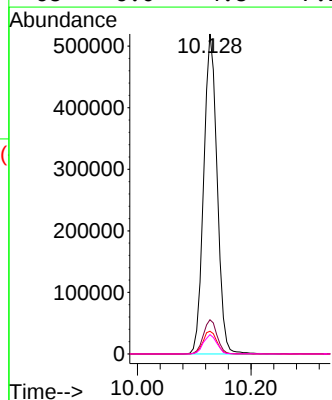
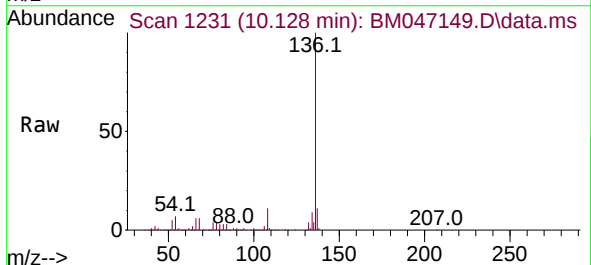
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.5  | 14.1  | 21.1  |
| 71  | 35.9  | 28.5  | 42.7  |

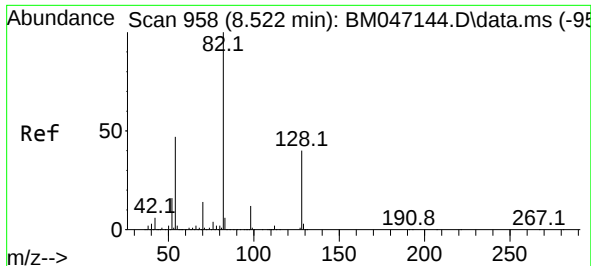


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.128 min Scan# 1231  
Delta R.T. -0.006 min  
Lab File: BM047149.D  
Acq: 10 Aug 2024 19:50

Tgt Ion: 136 Resp: 851791

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.8   | 13.2  |
| 54  | 7.1   | 6.0   | 9.0   |
| 68  | 6.0   | 4.8   | 7.2   |

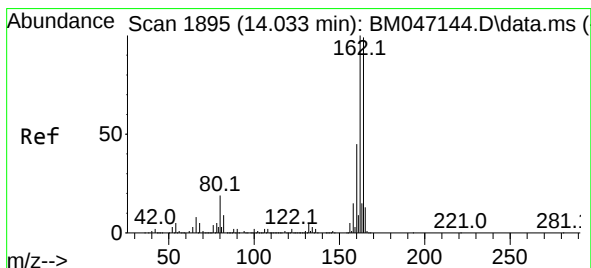
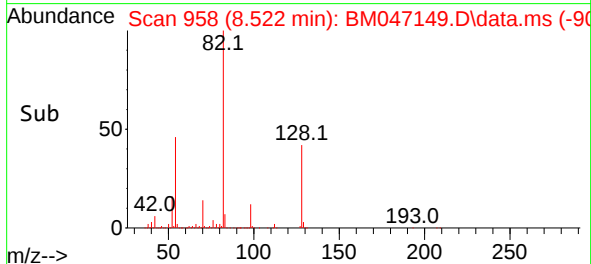
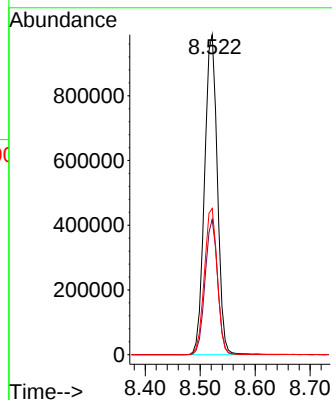
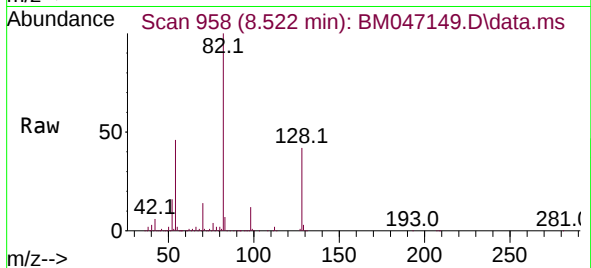




#23  
 Nitrobenzene-d5  
 Concen: 94.535 ng  
 RT: 8.522 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: BM047149.D  
 Acq: 10 Aug 2024 19:50

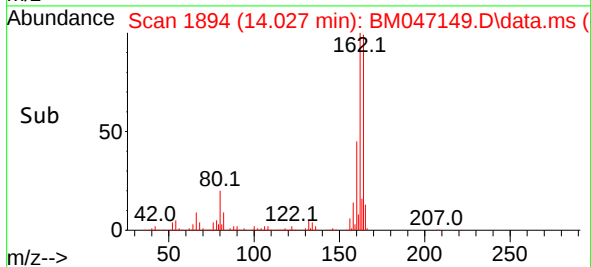
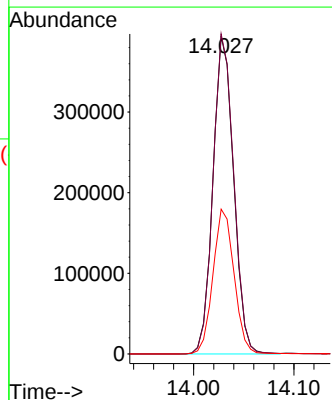
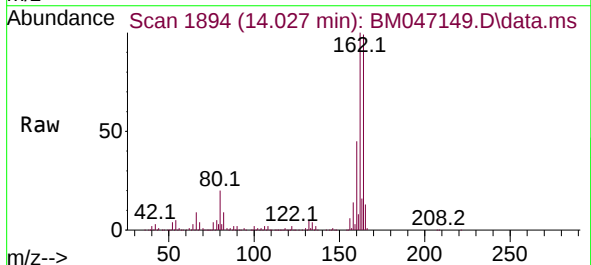
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162577TB

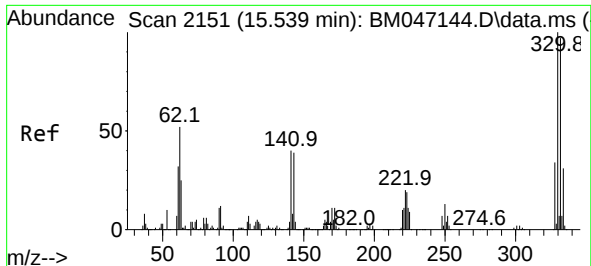
Tgt Ion: 82 Resp: 1599185  
 Ion Ratio Lower Upper  
 82 100  
 128 42.3 32.3 48.5  
 54 45.7 37.4 56.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.027 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: BM047149.D  
 Acq: 10 Aug 2024 19:50

Tgt Ion: 164 Resp: 564425  
 Ion Ratio Lower Upper  
 164 100  
 162 100.6 80.7 121.1  
 160 45.5 36.0 54.0

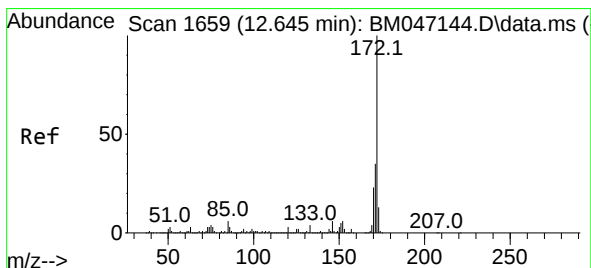
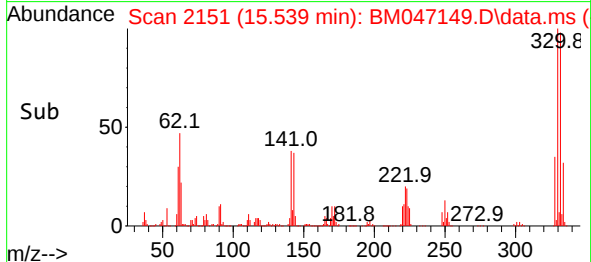
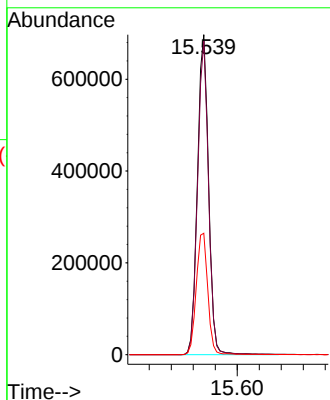
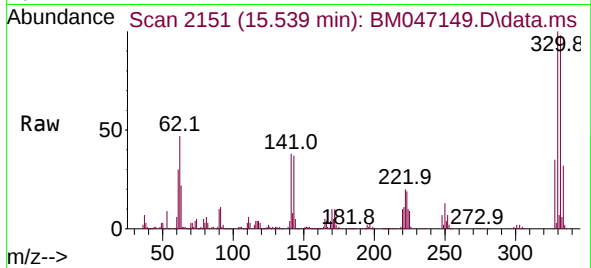




#42  
2,4,6-Tribromophenol  
Concen: 149.991 ng  
RT: 15.539 min Scan# 2151  
Delta R.T. -0.000 min  
Lab File: BM047149.D  
Acq: 10 Aug 2024 19:50

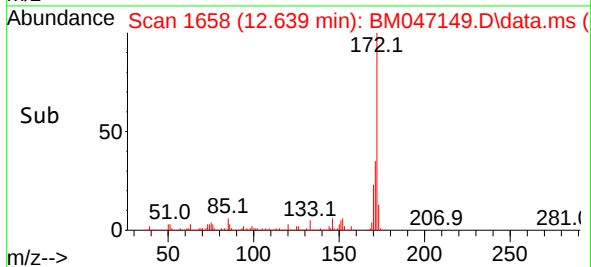
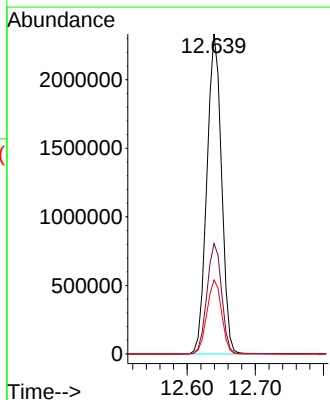
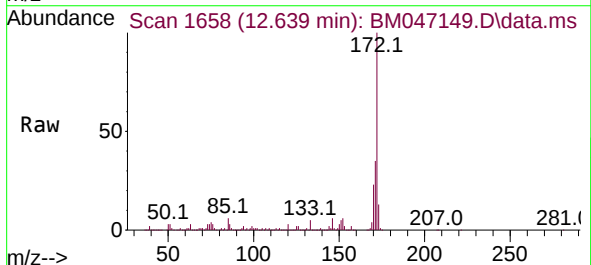
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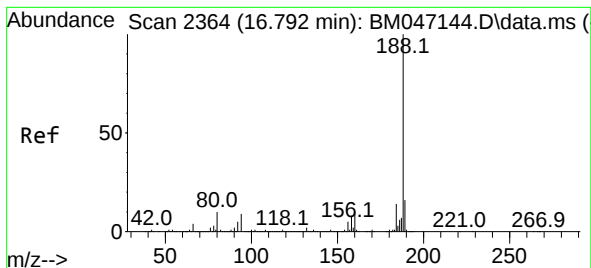
Tgt Ion:330 Resp: 981631  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.4 116.2  
141 39.3 31.6 47.4



#45  
2-Fluorobiphenyl  
Concen: 95.140 ng  
RT: 12.639 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: BM047149.D  
Acq: 10 Aug 2024 19:50

Tgt Ion:172 Resp: 3481271  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.8 41.6  
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047149.D

Acq: 10 Aug 2024 19:50

Instrument :

BNA\_M

ClientSampleId :

PB162577TB

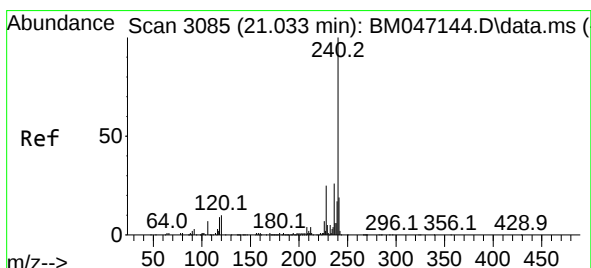
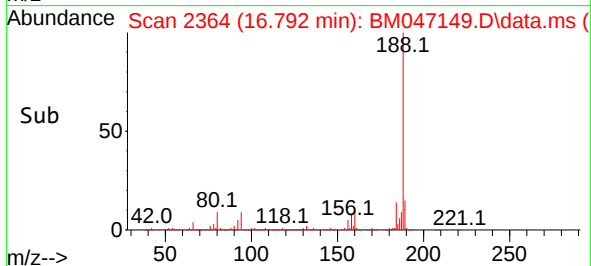
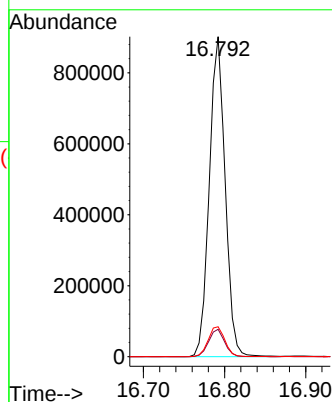
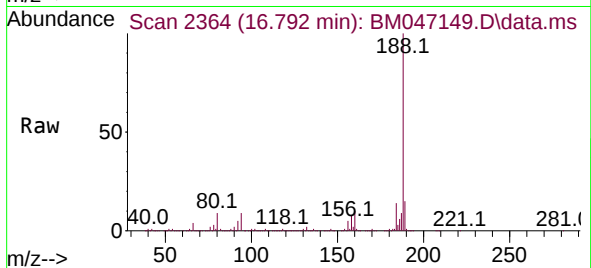
Tgt Ion:188 Resp: 1220847

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.4 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: BM047149.D

Acq: 10 Aug 2024 19:50

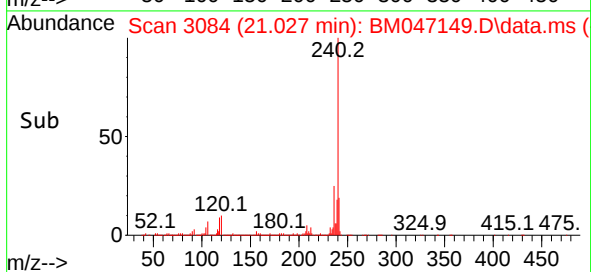
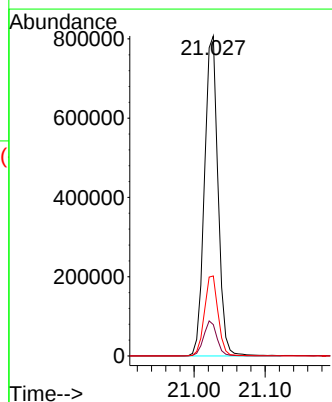
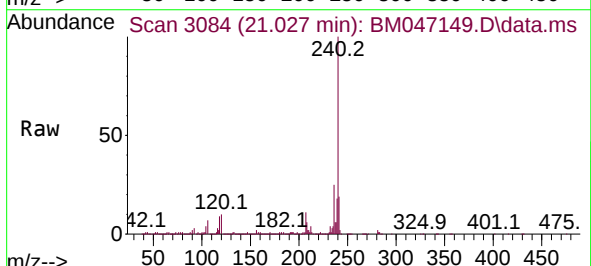
Tgt Ion:240 Resp: 1072675

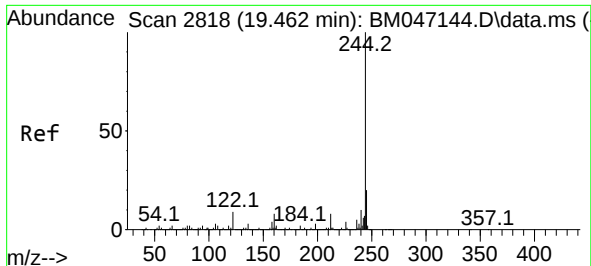
Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.2

236 25.0 20.6 30.8

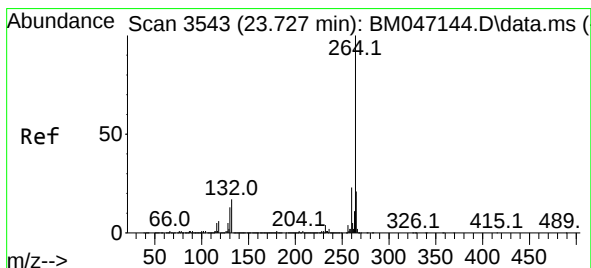
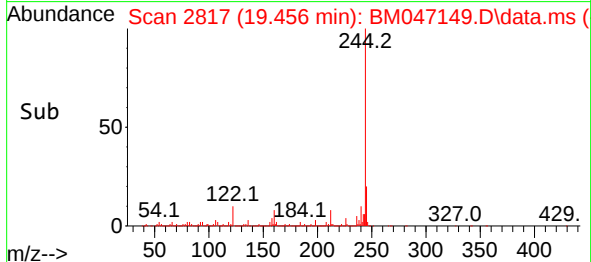
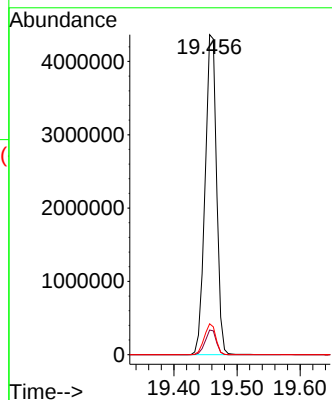
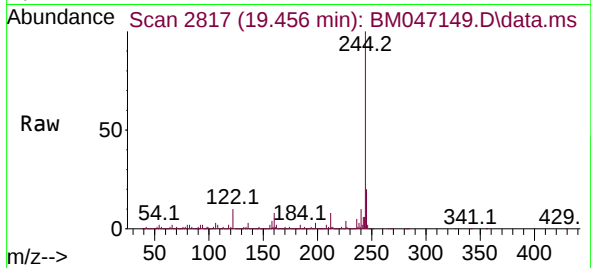




#79  
 Terphenyl-d14  
 Concen: 109.986 ng  
 RT: 19.456 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047149.D  
 Acq: 10 Aug 2024 19:50

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162577TB

Tgt Ion:244 Resp: 5505917  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.4  
 122 9.7 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: BM047149.D  
 Acq: 10 Aug 2024 19:50

Tgt Ion:264 Resp: 1222944  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 18.5 27.7  
 265 21.4 17.3 25.9

