

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082024\  
Data File : BM047270.D  
Acq On : 20 Aug 2024 14:06  
Operator : RC/JU  
Sample : P3643-08  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-SD-0.5-1-081524

Quant Time: Aug 20 14:52:36 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   | 7.357  | 152  | 220888   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.116 | 136  | 824948   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.015 | 164  | 567747   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 16.786 | 188  | 1258007  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.021 | 240  | 1229210  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.721 | 264  | 1168489  | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.016  | 112  | 1161876  | 93.988  | ng    | 0.00     |
| 7) Phenol-d6                | 6.575  | 99   | 1548539  | 90.910  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.504  | 82   | 961937   | 58.715  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.527 | 330  | 750191   | 113.957 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.627 | 172  | 2224575  | 60.440  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.450 | 244  | 4000528  | 69.737  | ng    | -0.01    |

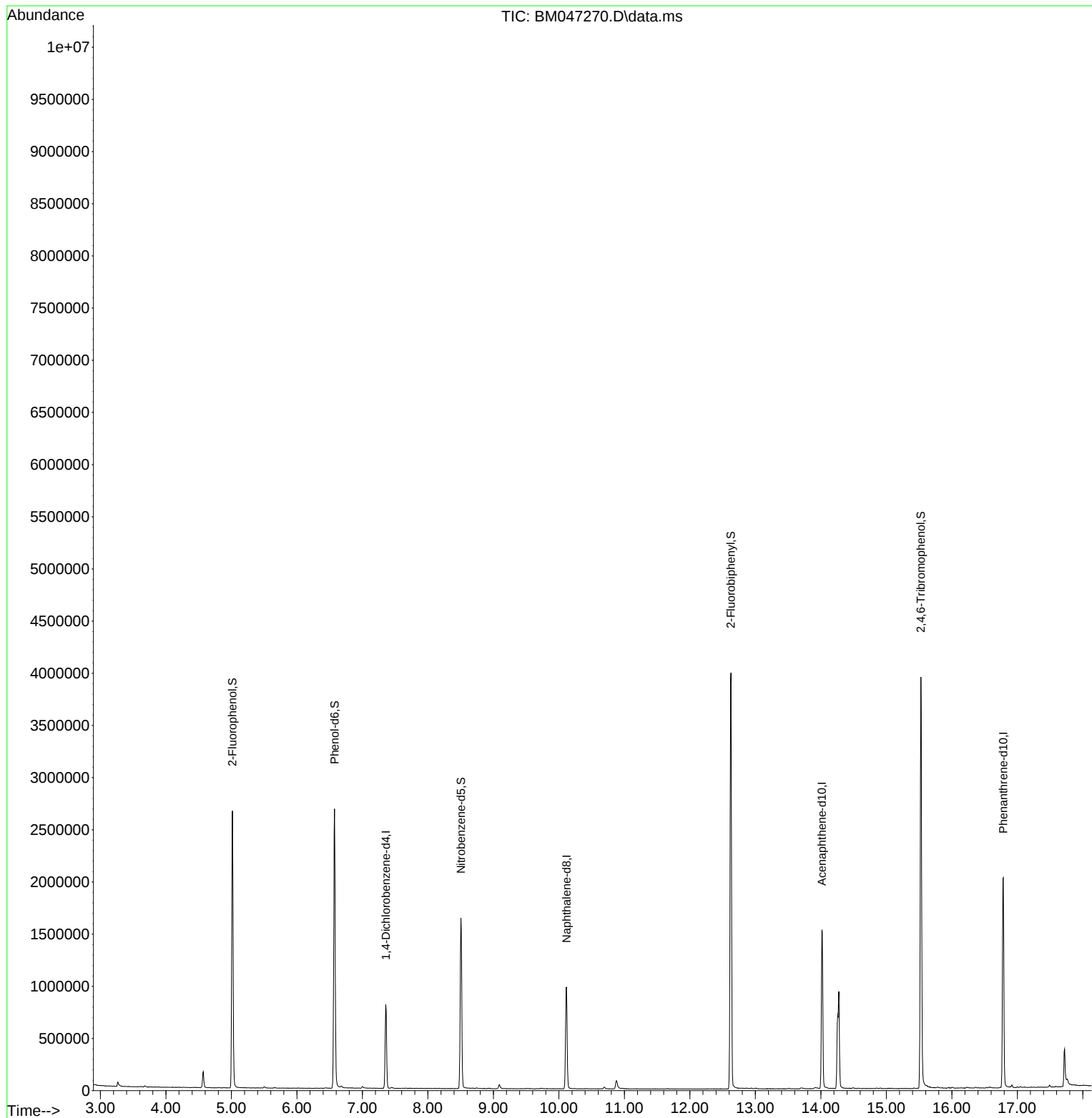
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Sample : P3643-08  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-SD-0.5-1-081524

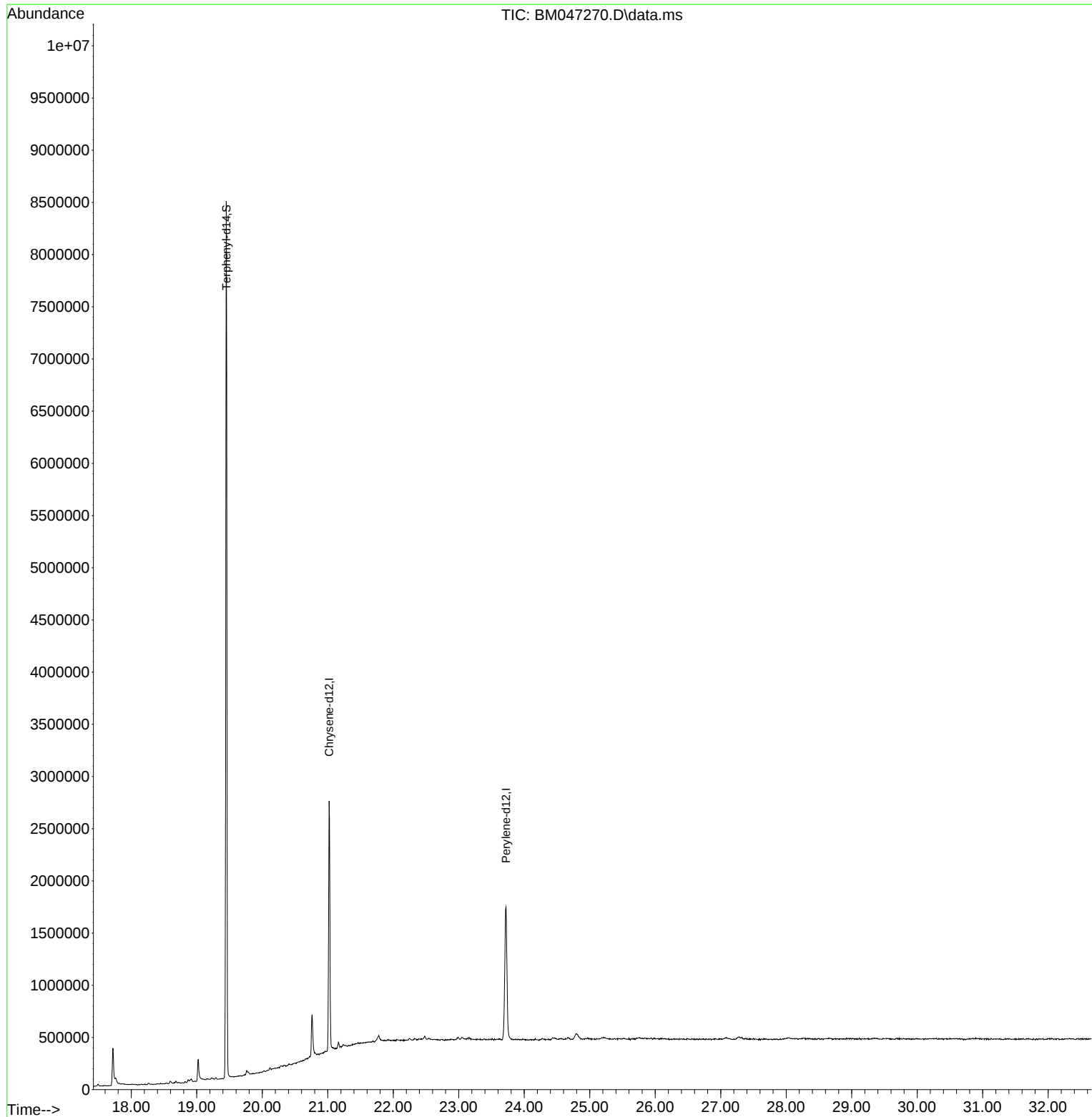
Quant Time: Aug 20 14:52:36 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 11 23:47:58 2024  
Response via : Initial Calibration

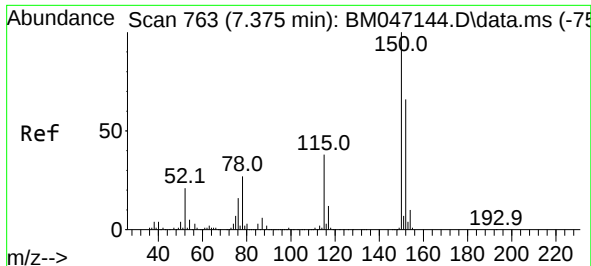


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082024\  
Data File : BM047270.D  
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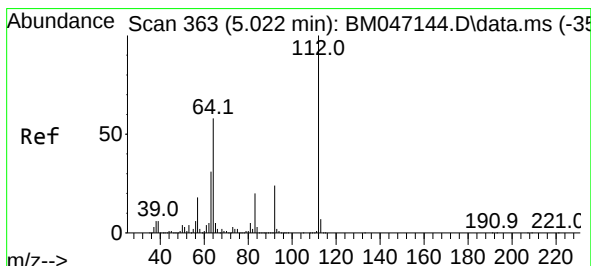
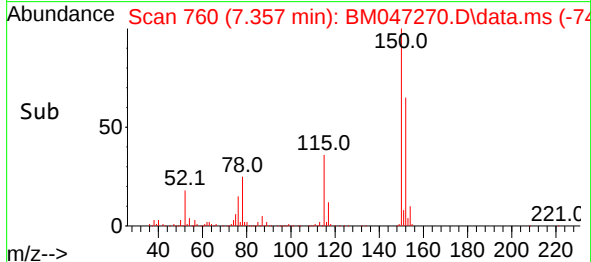
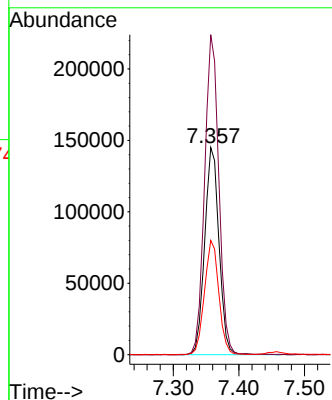
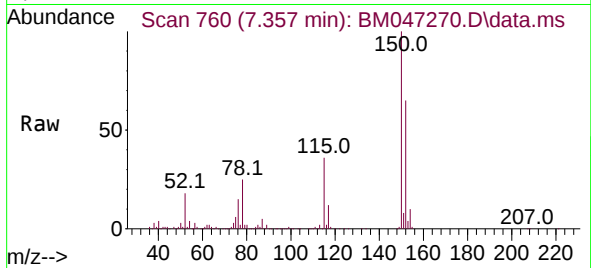




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.357 min Scan# 70  
Delta R.T. -0.018 min  
Lab File: BM047270.D  
Acq: 20 Aug 2024 14:06

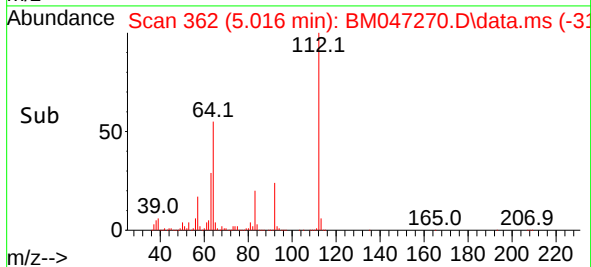
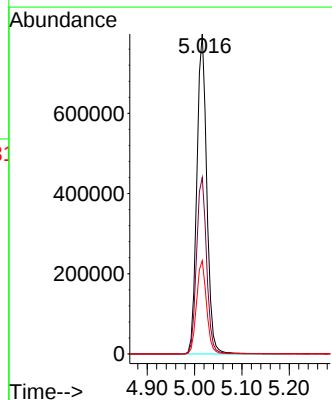
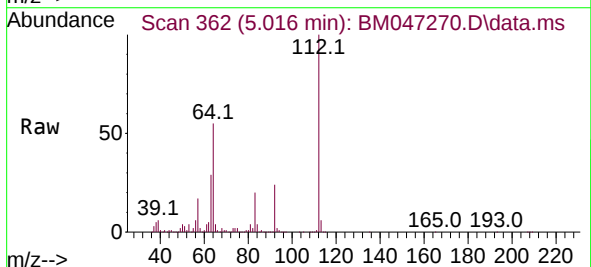
Instrument :  
BNA\_M  
ClientSampleId :  
918-J-SD-0.5-1-081524

Tgt Ion:152 Resp: 220888  
Ion Ratio Lower Upper  
152 100  
150 154.4 120.5 180.7  
115 55.1 45.5 68.3



#5  
2-Fluorophenol  
Concen: 93.988 ng  
RT: 5.016 min Scan# 362  
Delta R.T. -0.006 min  
Lab File: BM047270.D  
Acq: 20 Aug 2024 14:06

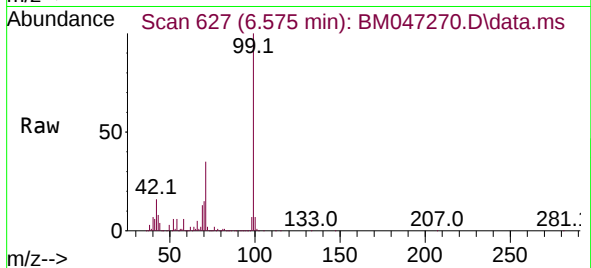
Tgt Ion:112 Resp: 1161876  
Ion Ratio Lower Upper  
112 100  
64 55.1 46.7 70.1  
63 29.2 24.8 37.2



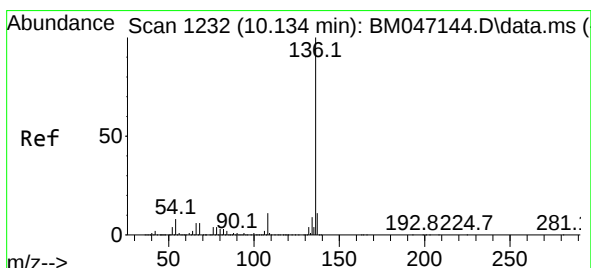
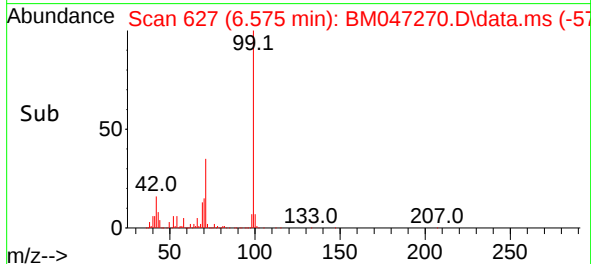
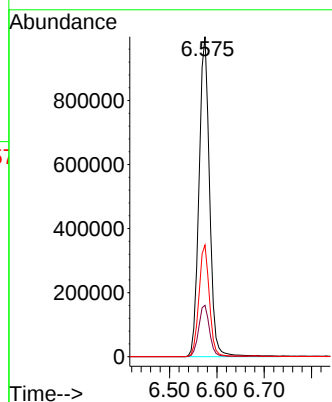


#7  
Phenol-d6  
Concen: 90.910 ng  
RT: 6.575 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM047270.D  
Acq: 20 Aug 2024 14:06

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-SD-0.5-1-081524

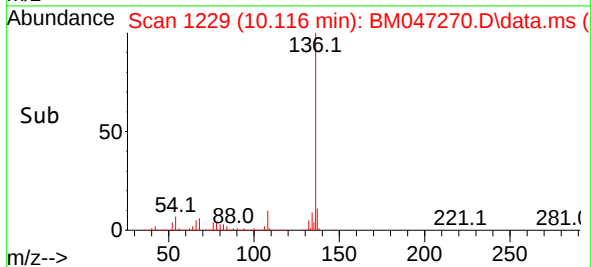
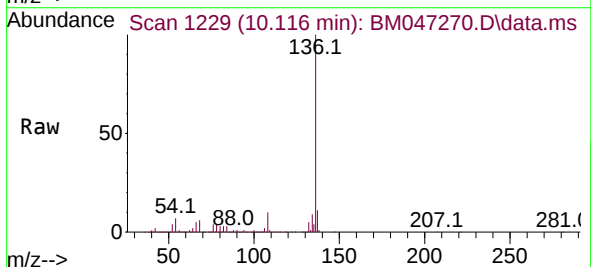
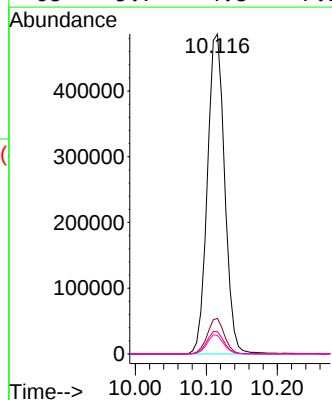


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 16.0  | 14.1  | 21.1  |
| 71      | 34.9  | 28.5  | 42.7  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.116 min Scan# 1229  
Delta R.T. -0.018 min  
Lab File: BM047270.D  
Acq: 20 Aug 2024 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.1  | 8.8   | 13.2  |
| 54      | 7.0   | 6.0   | 9.0   |
| 68      | 5.7   | 4.8   | 7.2   |

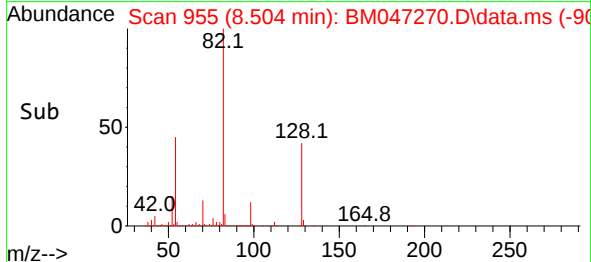
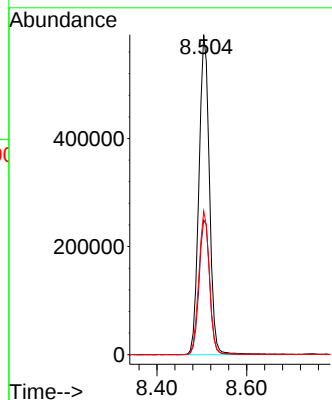
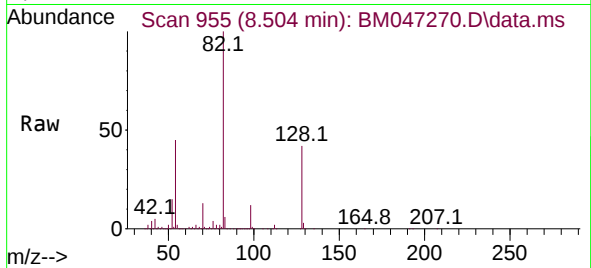




#23  
Nitrobenzene-d5  
Concen: 58.715 ng  
RT: 8.504 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BM047270.D  
Acq: 20 Aug 2024 14:06

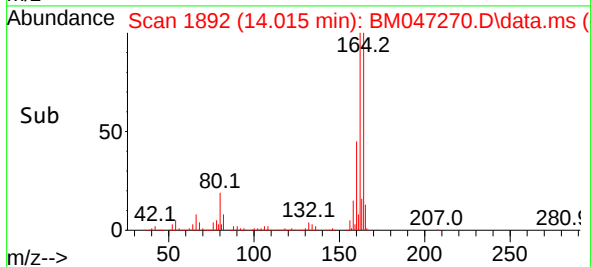
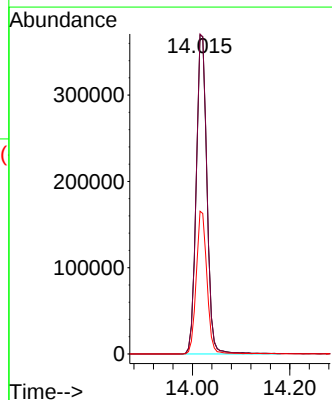
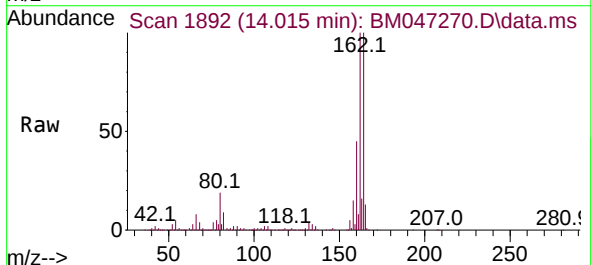
Instrument :  
BNA\_M  
ClientSampleId :  
918-J-SD-0.5-1-081524

Tgt Ion: 82 Resp: 961937  
Ion Ratio Lower Upper  
82 100  
128 42.1 32.3 48.5  
54 44.9 37.4 56.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.015 min Scan# 1892  
Delta R.T. -0.018 min  
Lab File: BM047270.D  
Acq: 20 Aug 2024 14:06

Tgt Ion: 164 Resp: 567747  
Ion Ratio Lower Upper  
164 100  
162 100.3 80.7 121.1  
160 44.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 113.957 ng

RT: 15.527 min Scan# 2151

Delta R.T. -0.012 min

Lab File: BM047270.D

Acq: 20 Aug 2024 14:06

Instrument :

BNA\_M

ClientSampleId :

918-J-SD-0.5-1-081524

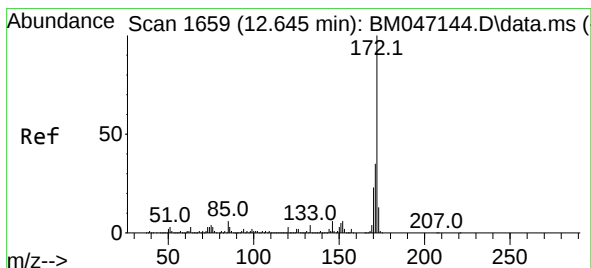
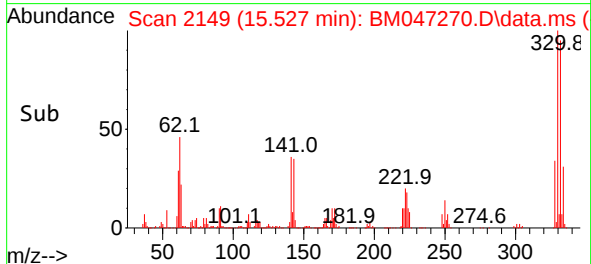
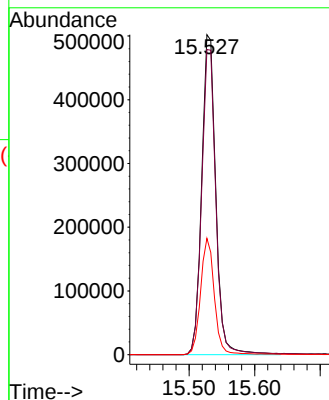
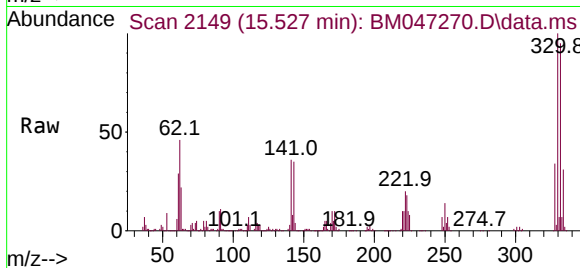
Tgt Ion:330 Resp: 750191

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 36.0 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 60.440 ng

RT: 12.627 min Scan# 1656

Delta R.T. -0.018 min

Lab File: BM047270.D

Acq: 20 Aug 2024 14:06

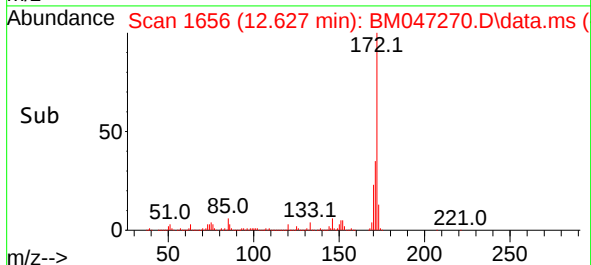
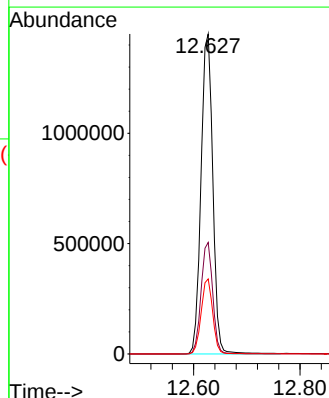
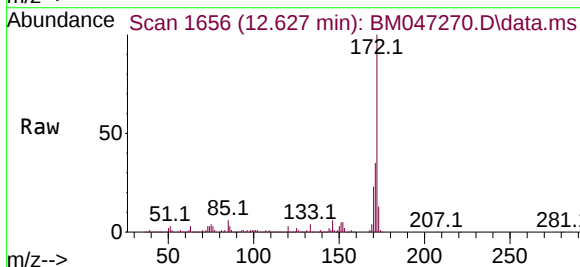
Tgt Ion:172 Resp: 2224575

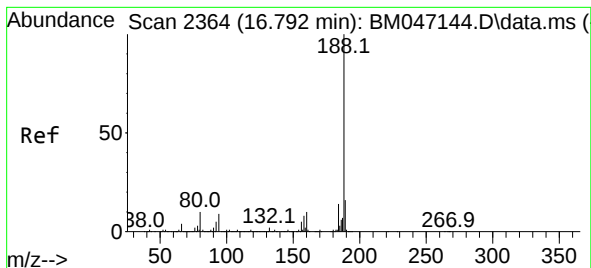
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047270.D

Acq: 20 Aug 2024 14:06

Instrument :

BNA\_M

ClientSampleId :

918-J-SD-0.5-1-081524

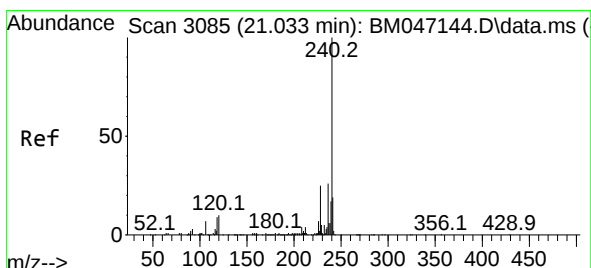
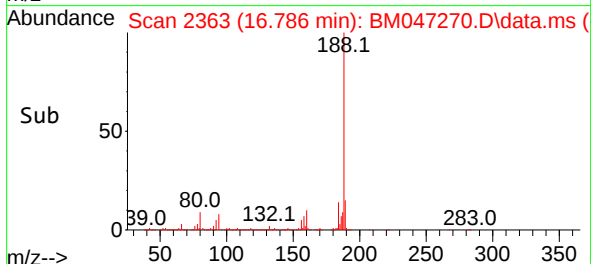
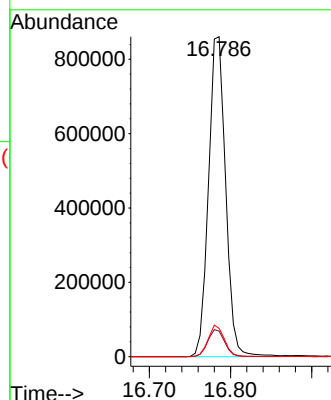
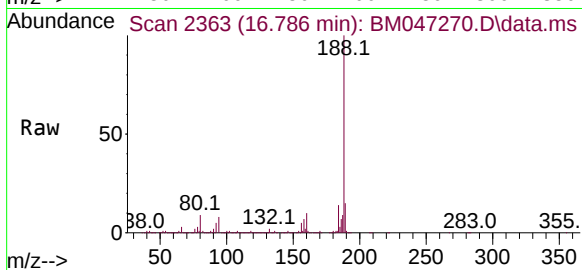
Tgt Ion:188 Resp: 1258007

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 8.8 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM047270.D

Acq: 20 Aug 2024 14:06

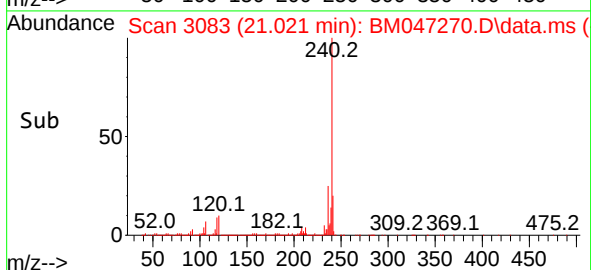
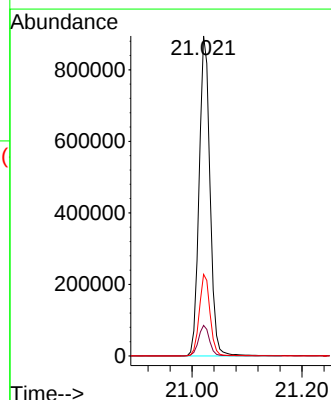
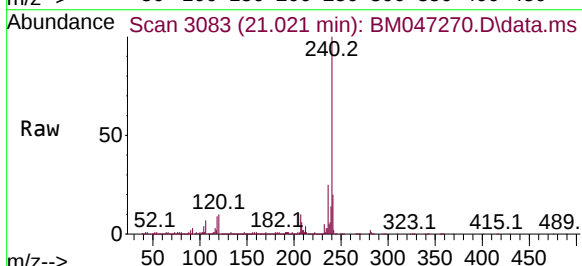
Tgt Ion:240 Resp: 1229210

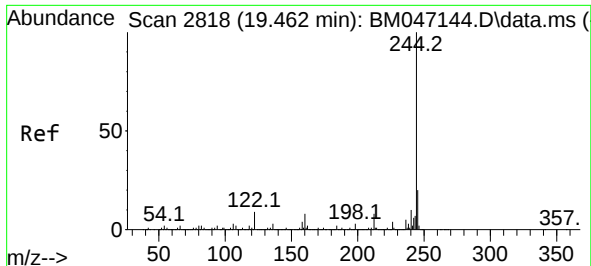
Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.2

236 25.5 20.6 30.8

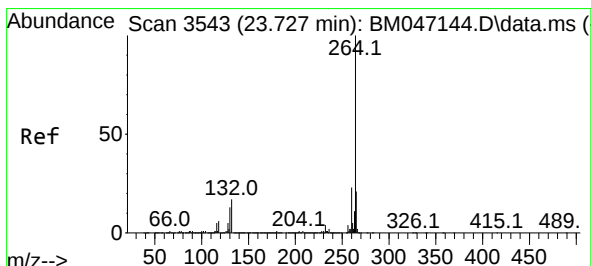
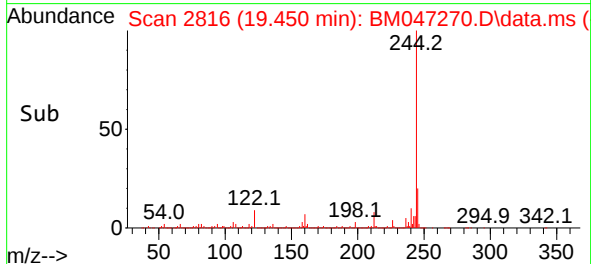
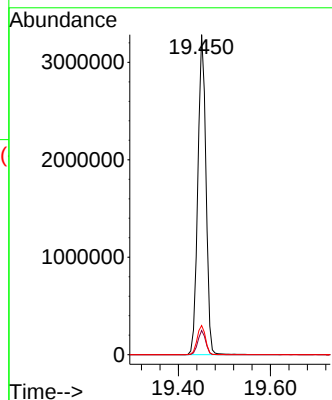
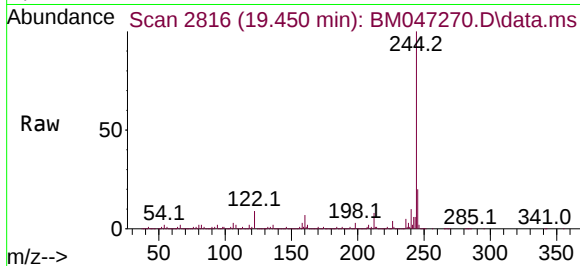




#79  
 Terphenyl-d14  
 Concen: 69.737 ng  
 RT: 19.450 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM047270.D  
 Acq: 20 Aug 2024 14:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 918-J-SD-0.5-1-081524

Tgt Ion:244 Resp: 4000528  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.4  
 122 9.1 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: BM047270.D  
 Acq: 20 Aug 2024 14:06

Tgt Ion:264 Resp: 1168489  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.5 27.7  
 265 21.9 17.3 25.9

