

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090324\  
Data File : BM047420.D  
Acq On : 03 Sep 2024 11:22  
Operator : RC/JU  
Sample : PB163076BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB163076BL

Quant Time: Sep 03 13:00:54 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM082624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 26 18:11:40 2024  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.345  | 152  | 298091   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.098 | 136  | 1123303  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.004 | 164  | 811345   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.774 | 188  | 1818991  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.021 | 240  | 1832236  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.721 | 264  | 1857511  | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.010  | 112  | 2042256  | 131.443 | ng    | 0.00     |
| 7) Phenol-d6                | 6.575  | 99   | 2589868  | 122.361 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.498  | 82   | 1628879  | 80.459  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.527 | 330  | 1284976  | 131.271 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.610 | 172  | 4235709  | 80.215  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.445 | 244  | 7901521  | 76.761  | ng    | 0.00     |

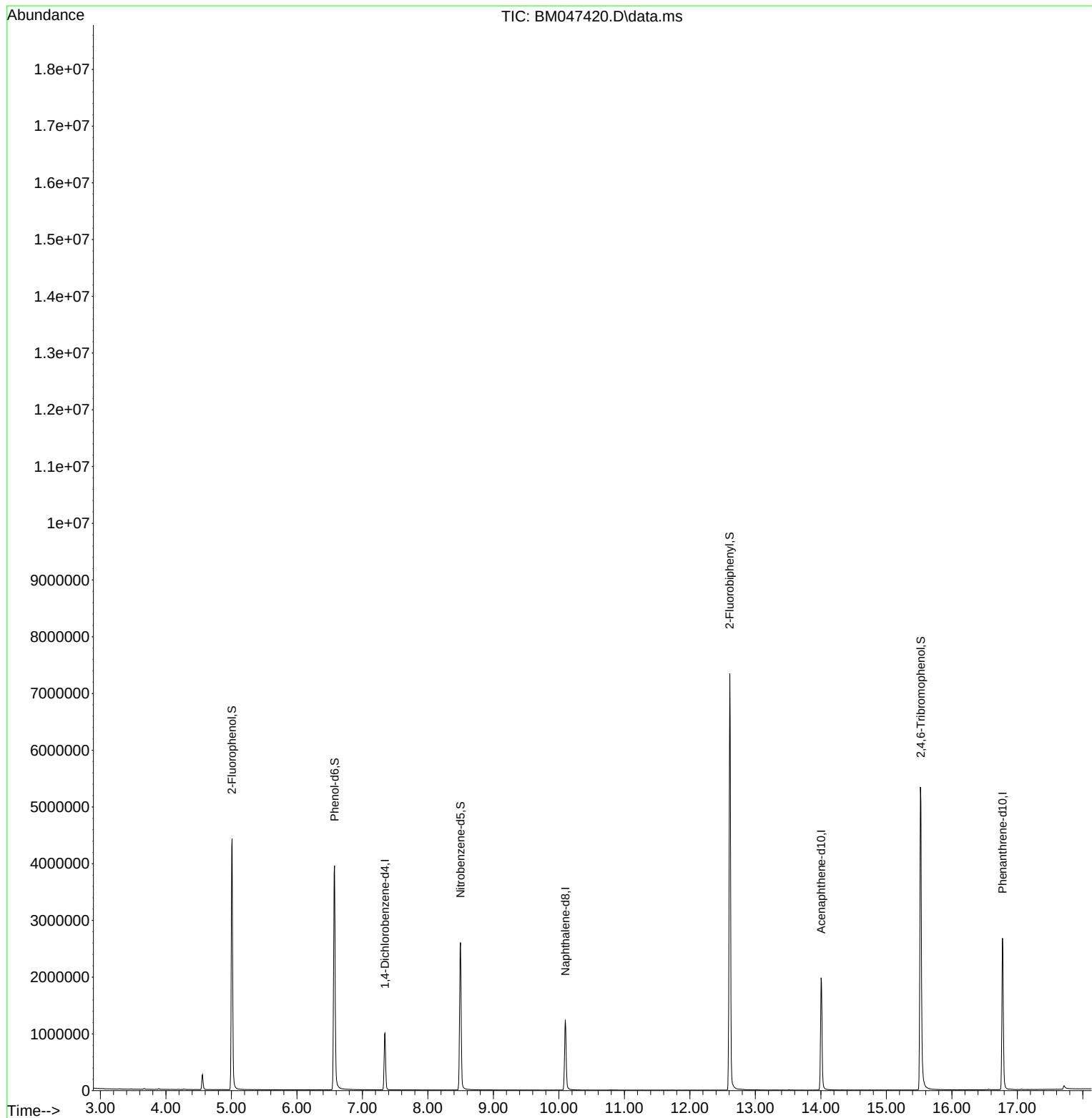
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB163076BL

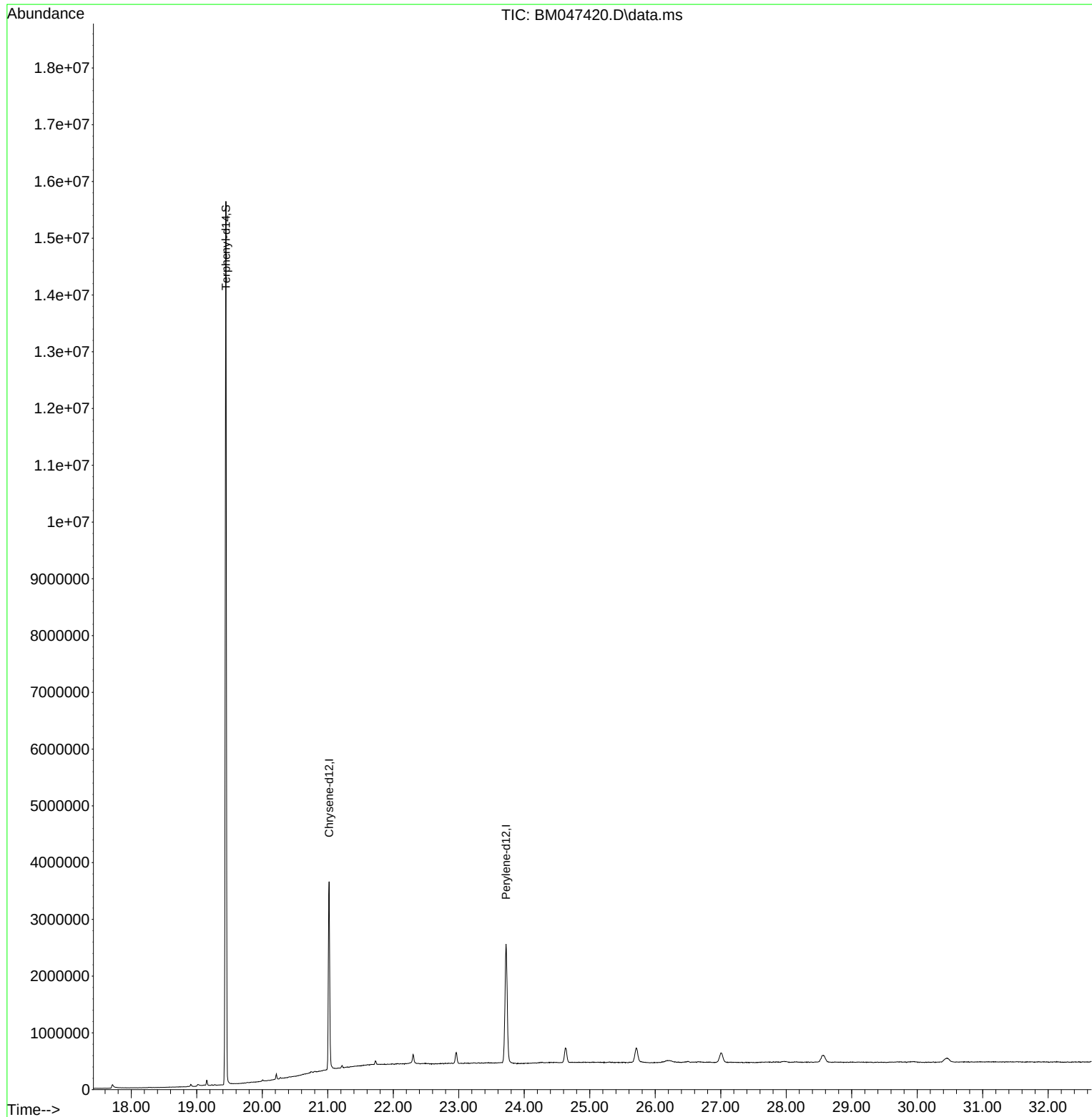
Quant Time: Sep 03 13:00:54 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM082624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 26 18:11:40 2024  
Response via : Initial Calibration

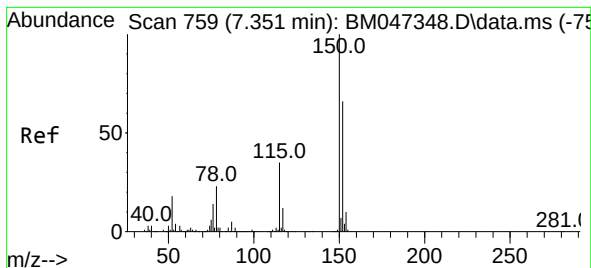


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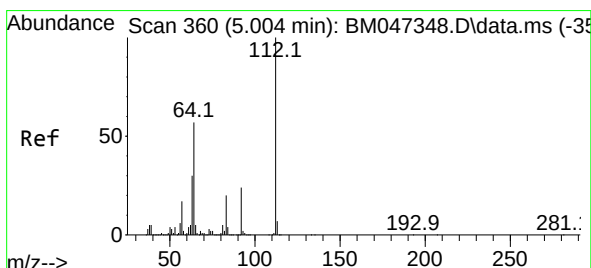
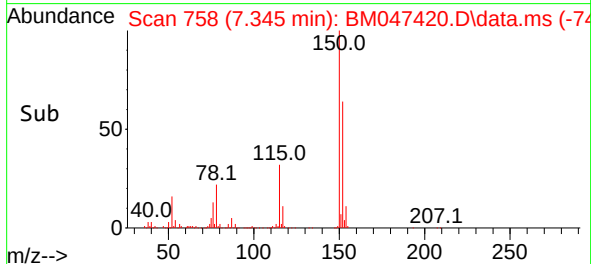
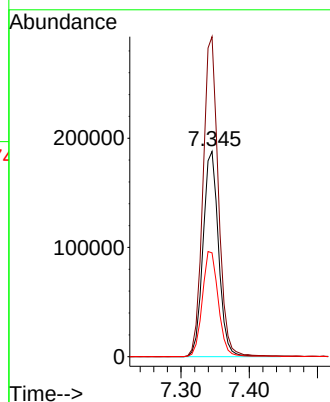
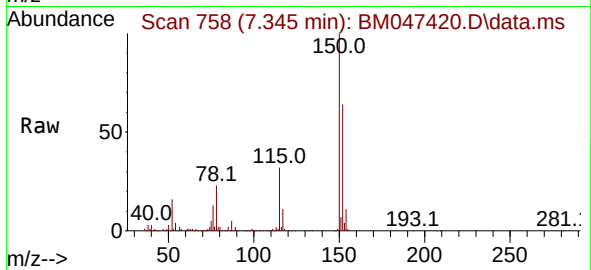




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.345 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BM047420.D  
Acq: 03 Sep 2024 11:22

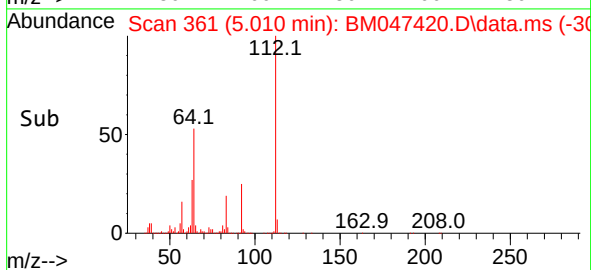
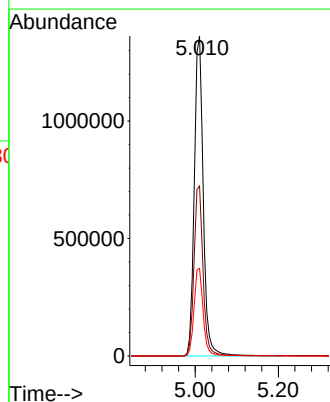
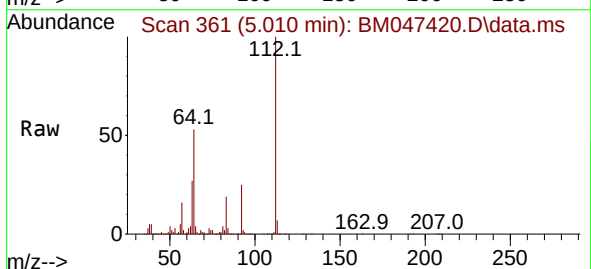
Instrument :  
BNA\_M  
ClientSampleId :  
PB163076BL

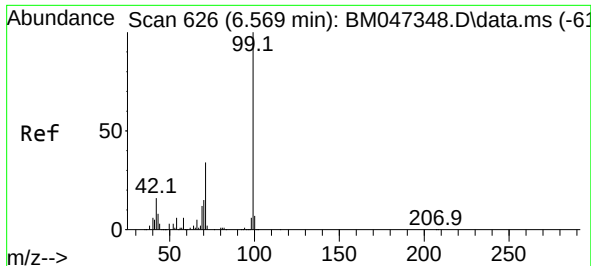
Tgt Ion:152 Resp: 298091  
Ion Ratio Lower Upper  
152 100  
150 155.9 121.3 181.9  
115 50.6 42.6 64.0



#5  
2-Fluorophenol  
Concen: 131.443 ng  
RT: 5.010 min Scan# 361  
Delta R.T. 0.006 min  
Lab File: BM047420.D  
Acq: 03 Sep 2024 11:22

Tgt Ion:112 Resp: 2042256  
Ion Ratio Lower Upper  
112 100  
64 53.1 45.7 68.5  
63 27.3 23.8 35.8



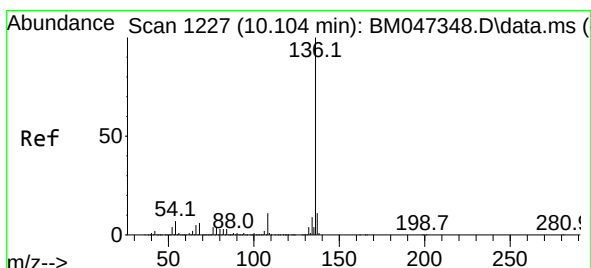
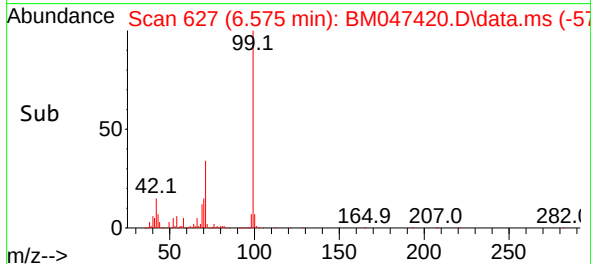
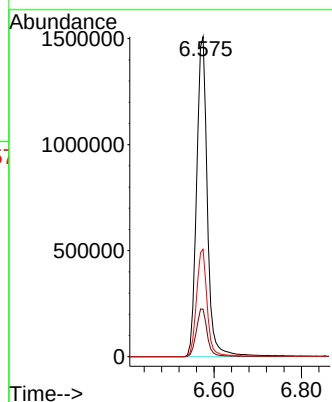
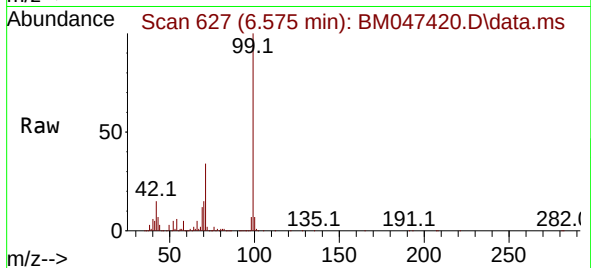


#7  
Phenol-d6  
Concen: 122.361 ng  
RT: 6.575 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM047420.D  
Acq: 03 Sep 2024 11:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB163076BL

Tgt Ion: 99 Resp: 2589868  

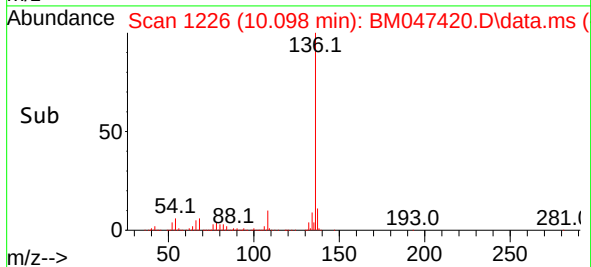
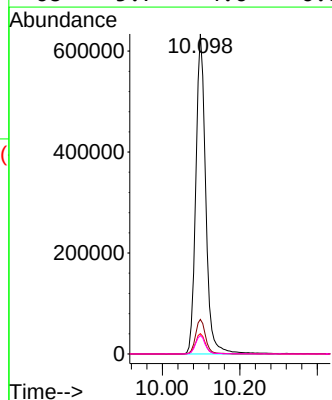
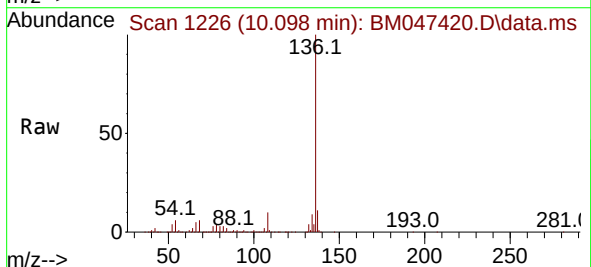
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.9  | 13.0  | 19.4  |
| 71  | 33.5  | 27.5  | 41.3  |

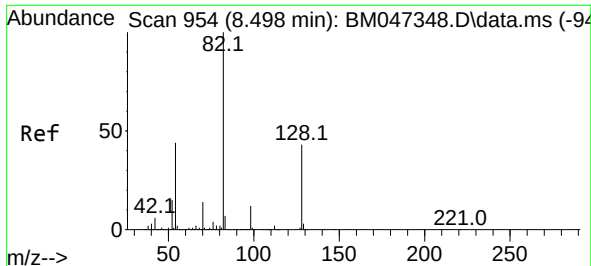


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.098 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: BM047420.D  
Acq: 03 Sep 2024 11:22

Tgt Ion: 136 Resp: 1123303  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.8   | 13.2  |
| 54  | 6.3   | 5.2   | 7.8   |
| 68  | 5.7   | 4.6   | 6.8   |

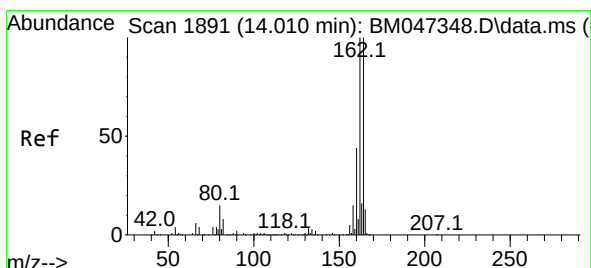
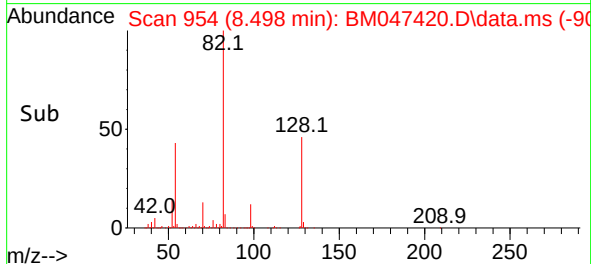
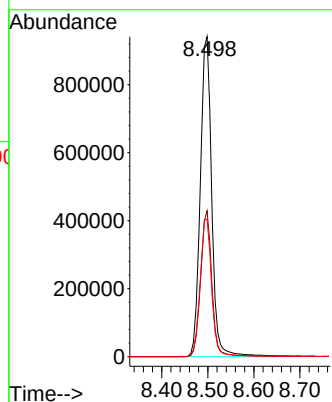
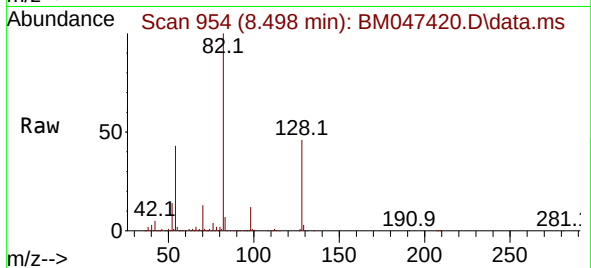




#23  
Nitrobenzene-d5  
Concen: 80.459 ng  
RT: 8.498 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM047420.D  
Acq: 03 Sep 2024 11:22

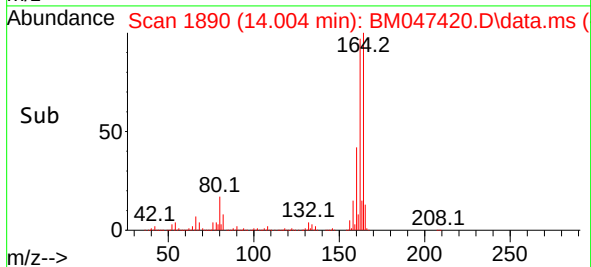
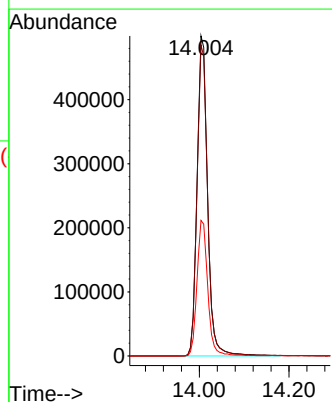
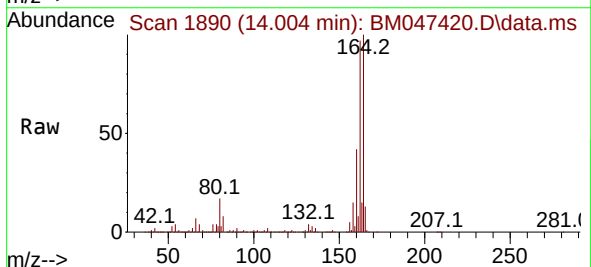
Instrument :  
BNA\_M  
ClientSampleId :  
PB163076BL

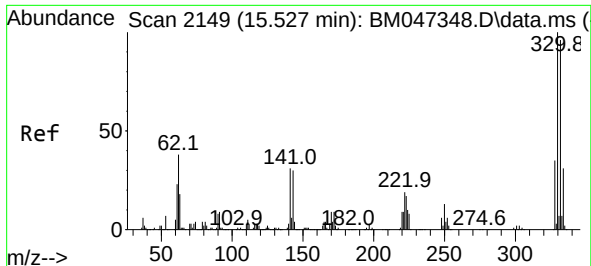
Tgt Ion: 82 Resp: 1628879  
Ion Ratio Lower Upper  
82 100  
128 45.6 34.6 51.8  
54 43.0 35.5 53.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.004 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: BM047420.D  
Acq: 03 Sep 2024 11:22

Tgt Ion: 164 Resp: 811345  
Ion Ratio Lower Upper  
164 100  
162 97.2 79.7 119.5  
160 42.4 34.9 52.3

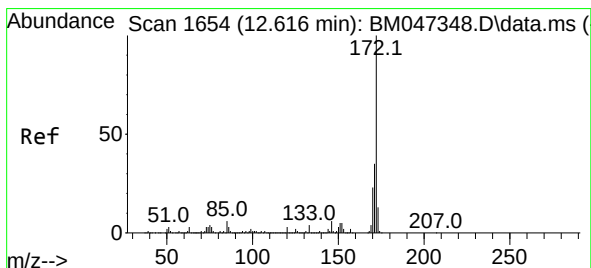
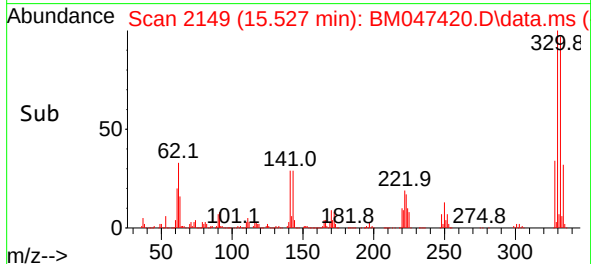
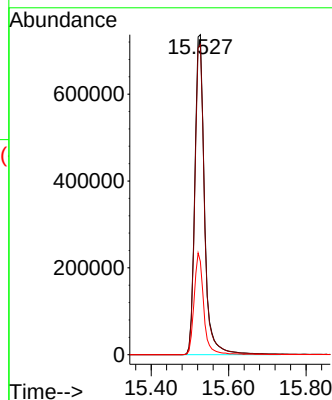
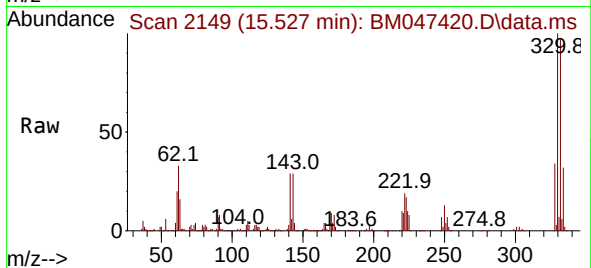




#42  
2,4,6-Tribromophenol  
Concen: 131.271 ng  
RT: 15.527 min Scan# 2149  
Delta R.T. -0.000 min  
Lab File: BM047420.D  
Acq: 03 Sep 2024 11:22

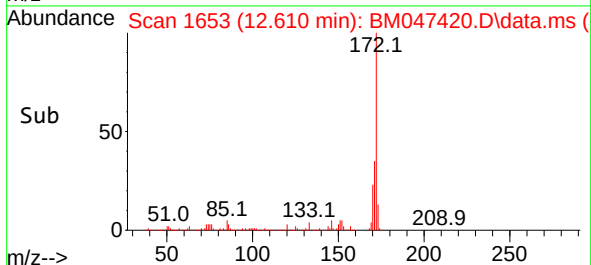
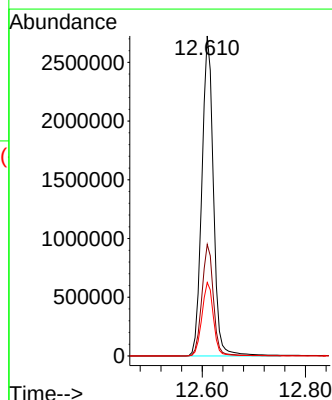
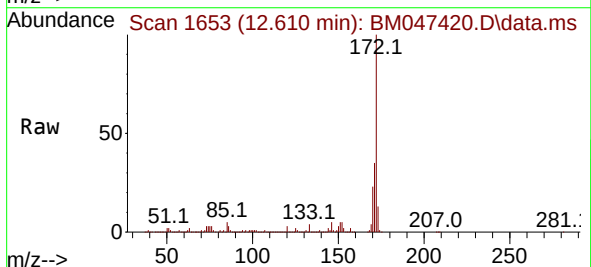
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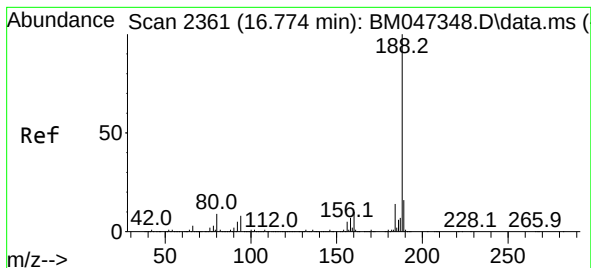
Tgt Ion:330 Resp: 1284976  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.2 115.8  
141 31.2 27.6 41.4



#45  
2-Fluorobiphenyl  
Concen: 80.215 ng  
RT: 12.610 min Scan# 1653  
Delta R.T. -0.006 min  
Lab File: BM047420.D  
Acq: 03 Sep 2024 11:22

Tgt Ion:172 Resp: 4235709  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.8 41.6  
170 22.9 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047420.D

Acq: 03 Sep 2024 11:22

Instrument :

BNA\_M

ClientSampleId :

PB163076BL

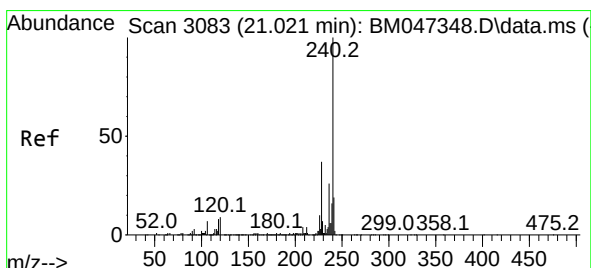
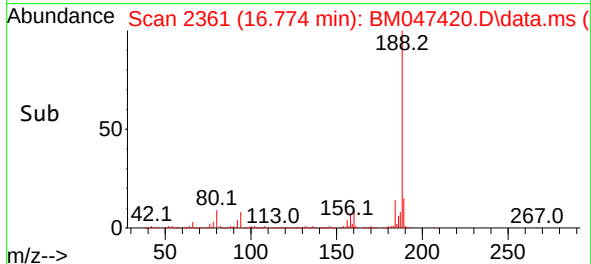
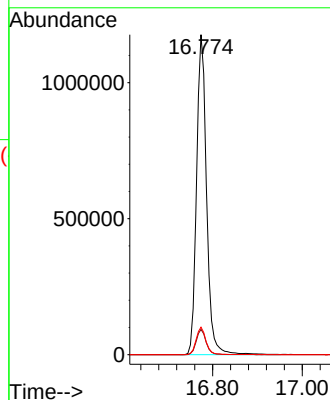
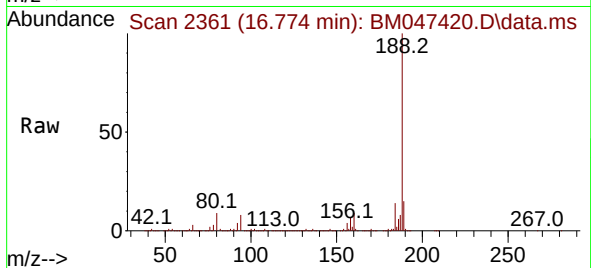
Tgt Ion:188 Resp: 1818991

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.6 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM047420.D

Acq: 03 Sep 2024 11:22

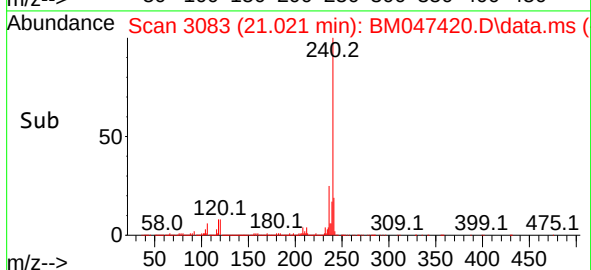
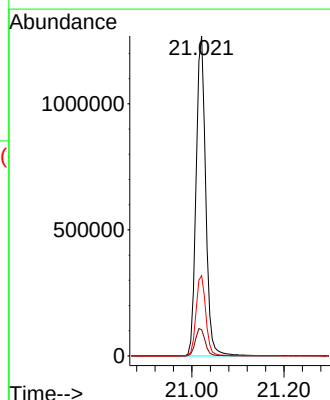
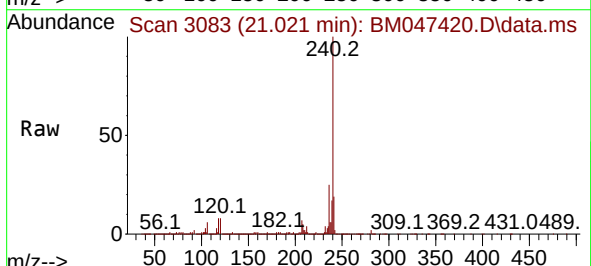
Tgt Ion:240 Resp: 1832236

Ion Ratio Lower Upper

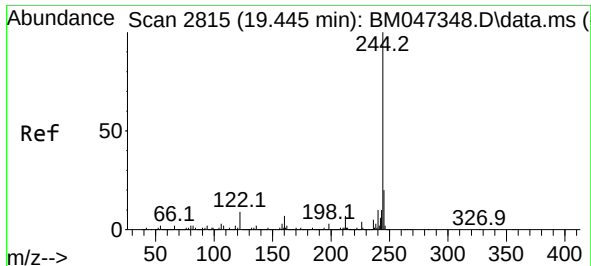
240 100

120 8.2 7.4 11.0

236 25.1 20.8 31.2



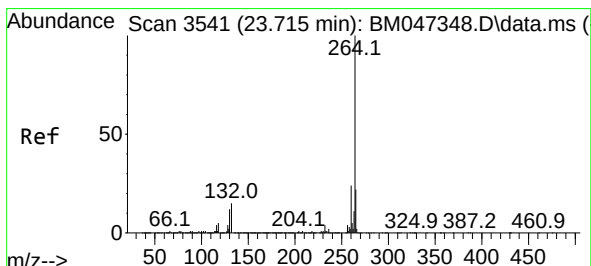
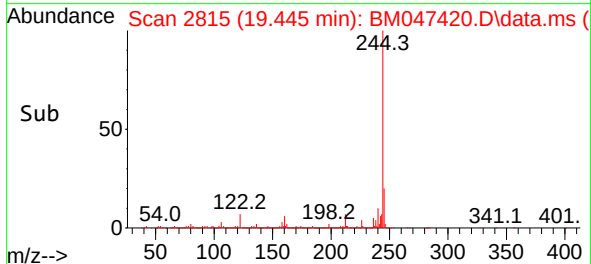
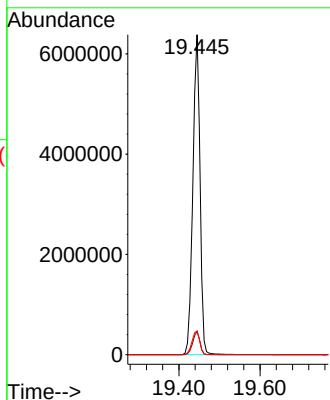
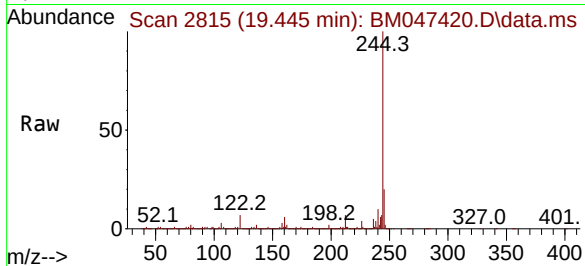




#79  
 Terphenyl-d14  
 Concen: 76.761 ng  
 RT: 19.445 min Scan# 2815  
 Delta R.T. -0.000 min  
 Lab File: BM047420.D  
 Acq: 03 Sep 2024 11:22

Instrument :  
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 PB163076BL

Tgt Ion:244 Resp: 7901521  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.0 9.0  
 122 7.4 7.0 10.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.721 min Scan# 3542  
 Delta R.T. 0.006 min  
 Lab File: BM047420.D  
 Acq: 03 Sep 2024 11:22

Tgt Ion:264 Resp: 1857511  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.0 28.4  
 265 21.7 17.8 26.6

