

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071824\  
 Data File : BM046710.D  
 Acq On : 18 Jul 2024 20:02  
 Operator : MA/JU  
 Sample : P3246-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-CTW2-BL-02

Quant Time: Jul 19 01:15:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM071724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 18 06:01:46 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.487  | 152  | 93675    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.245 | 136  | 317546   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.133 | 164  | 181594   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.886 | 188  | 380555   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.115 | 240  | 258827   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.874 | 264  | 74555    | 20.000  | ng    | #-0.01   |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.134  | 112  | 706189   | 153.123 | ng    | 0.00     |
| 7) Phenol-d6                | 6.693  | 99   | 783316   | 133.384 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.634  | 82   | 619202   | 101.242 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.633 | 330  | 435292   | 154.541 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.745 | 172  | 1549704  | 120.544 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.545 | 244  | 1944451  | 135.857 | ng    | 0.00     |

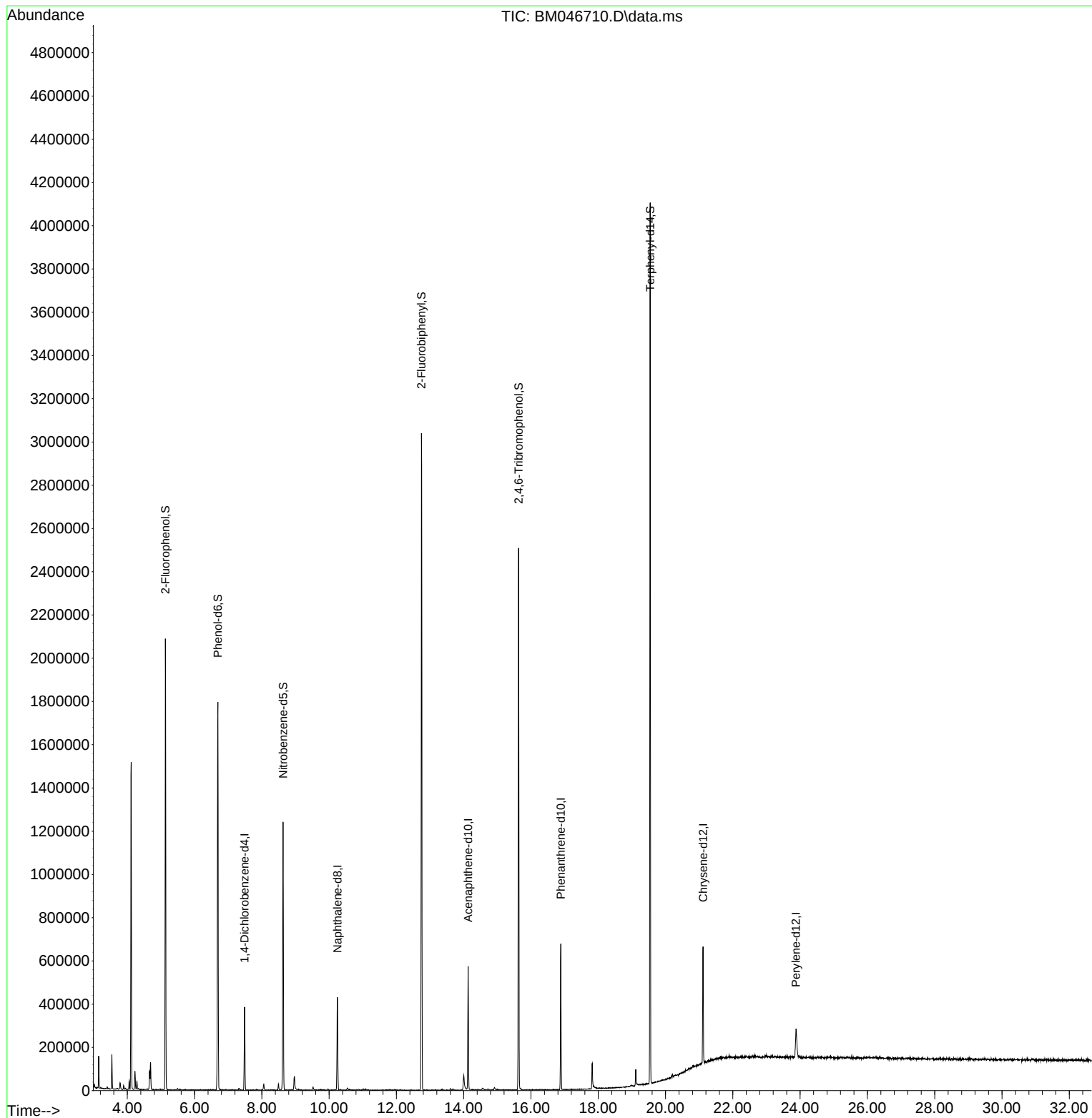
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

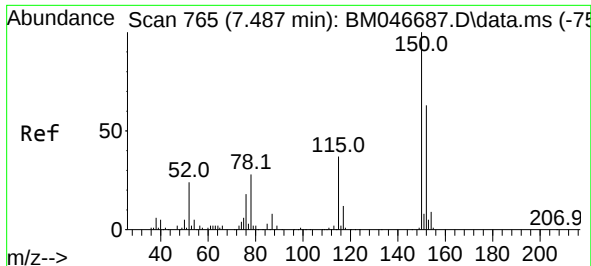
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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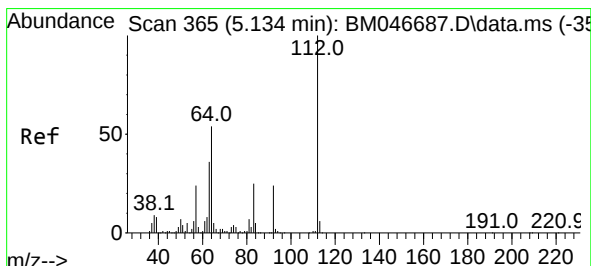
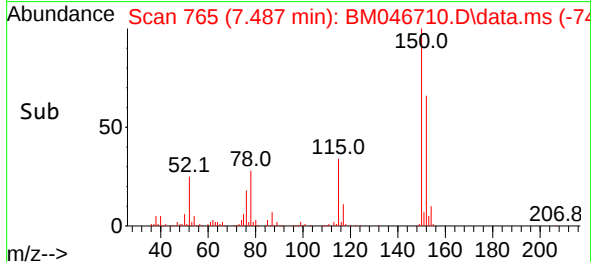
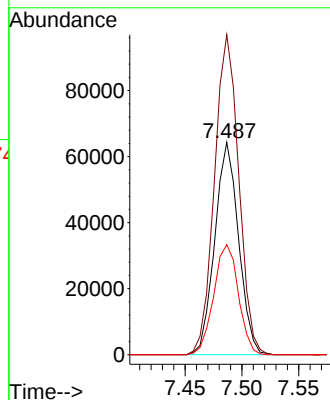
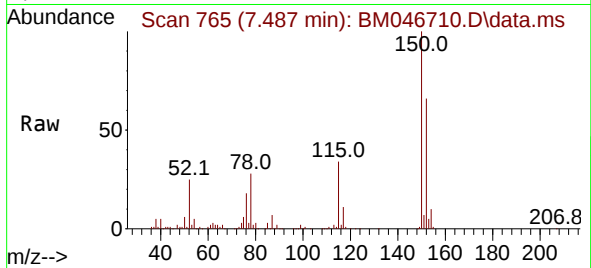




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.487 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: BM046710.D  
Acq: 18 Jul 2024 20:02

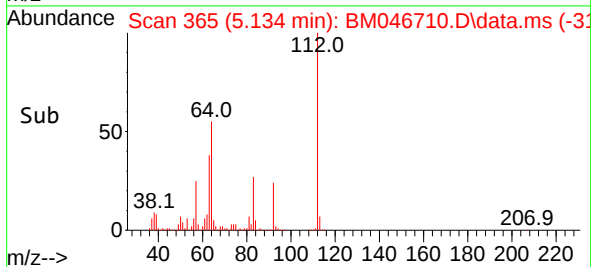
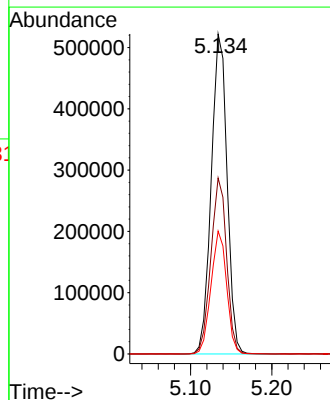
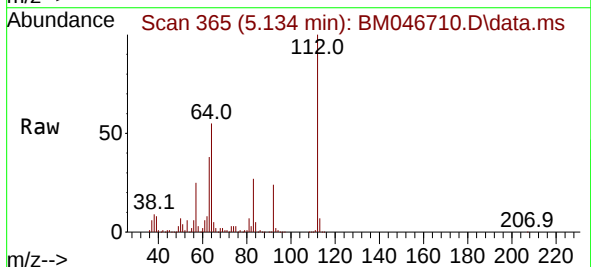
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BNA\_M  
ClientSampleId :  
WC-CTW2-BL-02

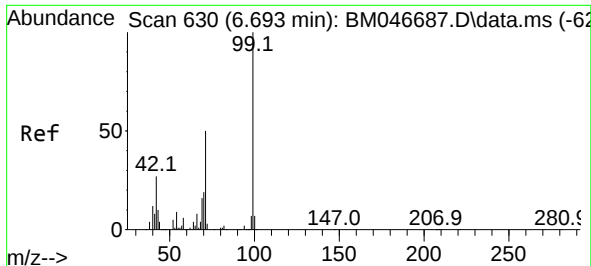
Tgt Ion:152 Resp: 93675  
Ion Ratio Lower Upper  
152 100  
150 150.8 127.3 190.9  
115 51.9 46.5 69.7



#5  
2-Fluorophenol  
Concen: 153.123 ng  
RT: 5.134 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: BM046710.D  
Acq: 18 Jul 2024 20:02

Tgt Ion:112 Resp: 706189  
Ion Ratio Lower Upper  
112 100  
64 55.0 43.5 65.3  
63 38.4 28.6 42.8

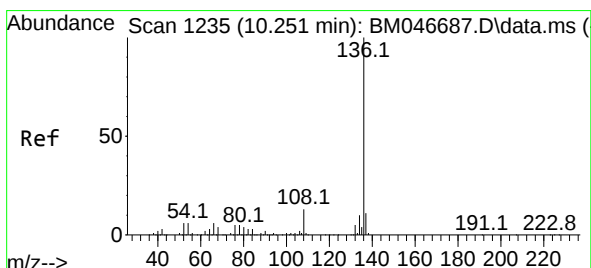
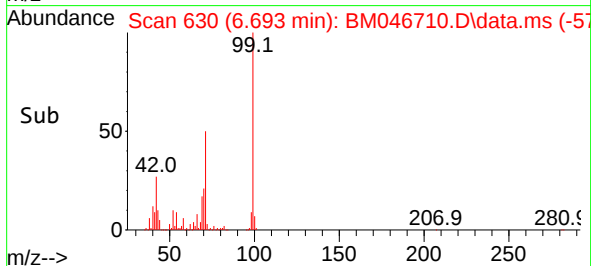
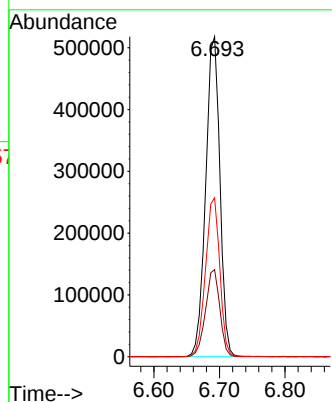
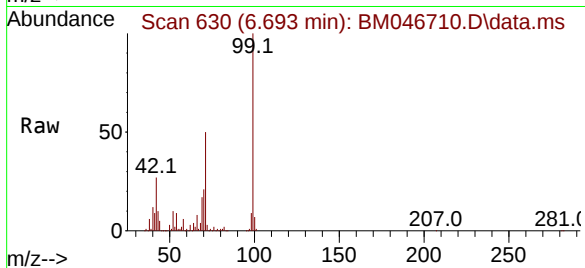




#7  
Phenol-d6  
Concen: 133.384 ng  
RT: 6.693 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM046710.D  
Acq: 18 Jul 2024 20:02

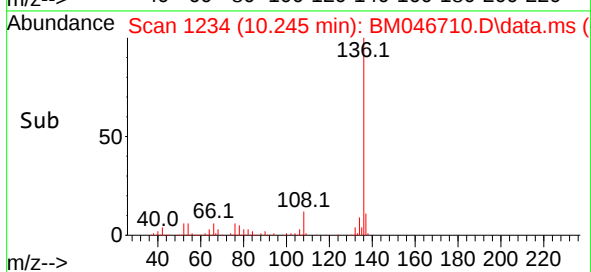
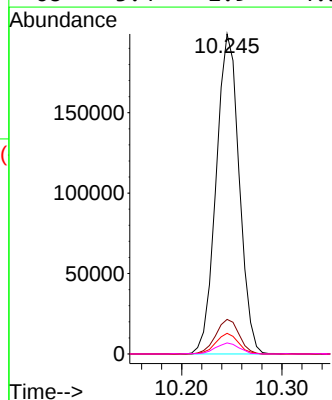
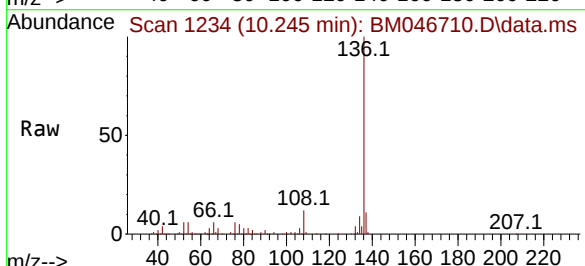
Instrument :  
BNA\_M  
ClientSampleId :  
WC-CTW2-BL-02

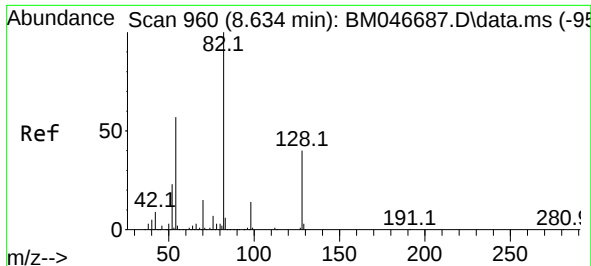
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 783316 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 27.2  | 21.4  | 32.0   |
| 71       | 49.7  | 39.9  | 59.9   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.245 min Scan# 1234  
Delta R.T. -0.006 min  
Lab File: BM046710.D  
Acq: 18 Jul 2024 20:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 317546 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.7   | 13.1   |
| 54       | 6.4   | 5.1   | 7.7    |
| 68       | 3.4   | 2.9   | 4.3    |

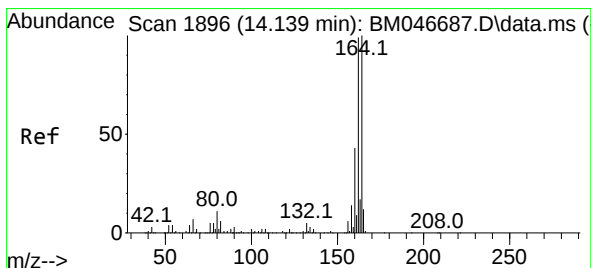
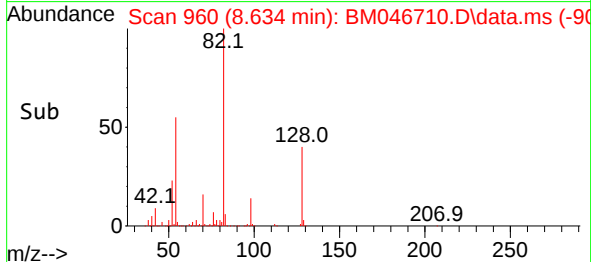
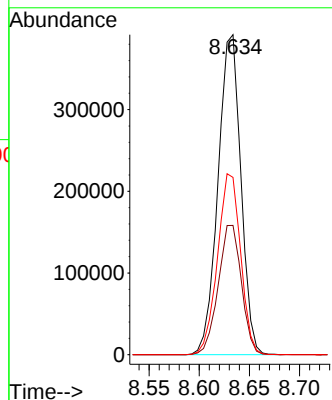
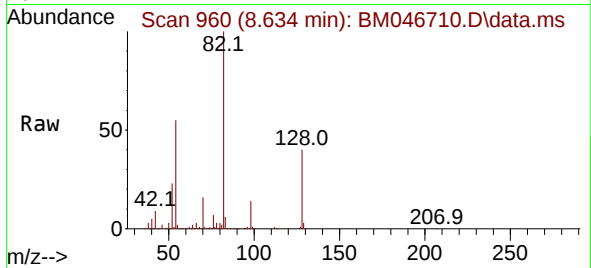




#23  
Nitrobenzene-d5  
Concen: 101.242 ng  
RT: 8.634 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BM046710.D  
Acq: 18 Jul 2024 20:02

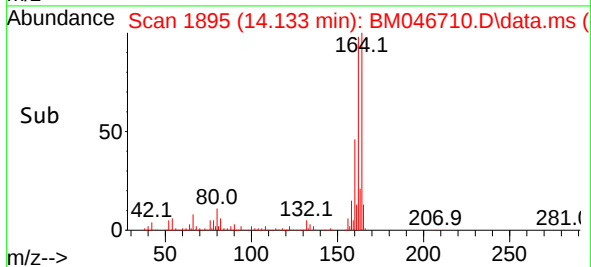
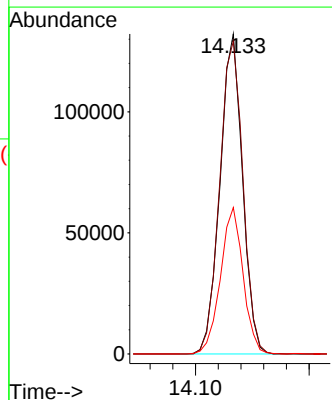
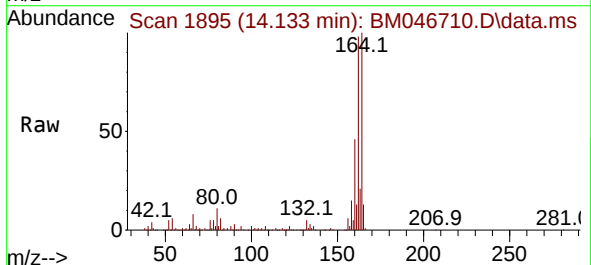
Instrument :  
BNA\_M  
ClientSampleId :  
WC-CTW2-BL-02

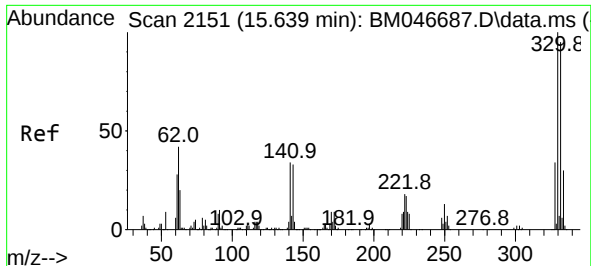
Tgt Ion: 82 Resp: 619202  
Ion Ratio Lower Upper  
82 100  
128 40.4 32.0 48.0  
54 55.4 45.2 67.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.133 min Scan# 1895  
Delta R.T. -0.006 min  
Lab File: BM046710.D  
Acq: 18 Jul 2024 20:02

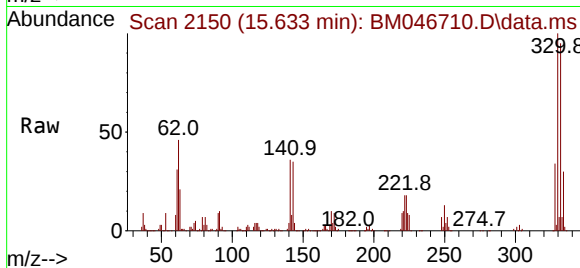
Tgt Ion:164 Resp: 181594  
Ion Ratio Lower Upper  
164 100  
162 97.8 79.0 118.6  
160 45.8 34.6 51.8



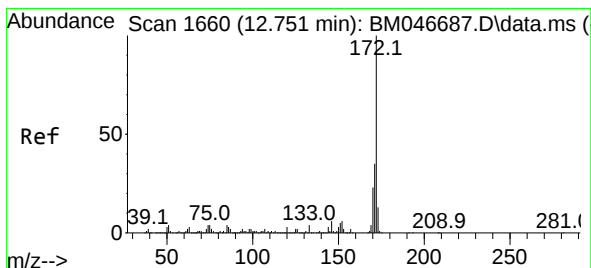
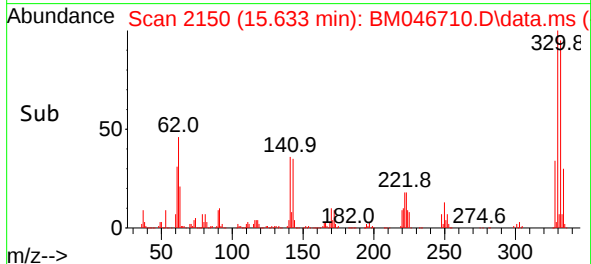
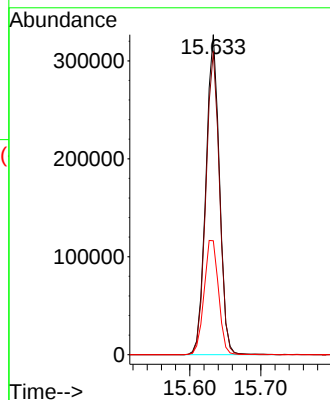


#42  
2,4,6-Tribromophenol  
Concen: 154.541 ng  
RT: 15.633 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: BM046710.D  
Acq: 18 Jul 2024 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
WC-CTW2-BL-02

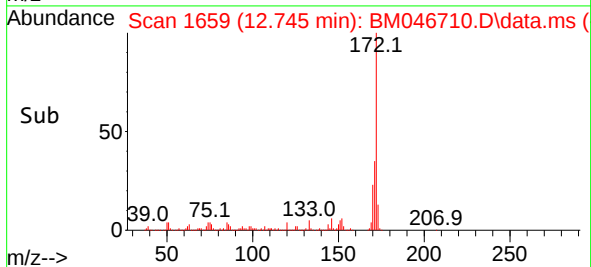
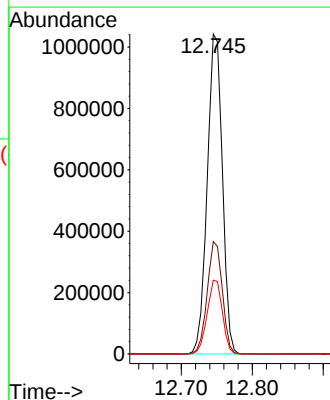
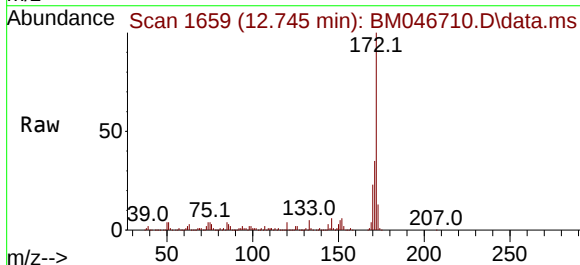


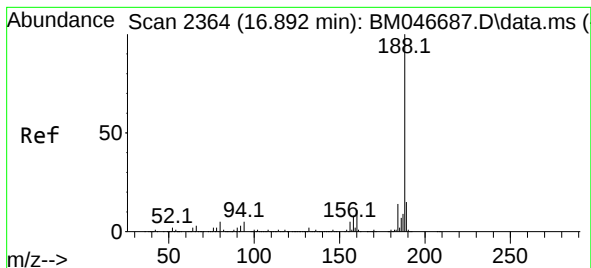
Tgt Ion:330 Resp: 435292  
Ion Ratio Lower Upper  
330 100  
332 94.8 75.5 113.3  
141 38.1 29.7 44.5



#45  
2-Fluorobiphenyl  
Concen: 120.544 ng  
RT: 12.745 min Scan# 1659  
Delta R.T. -0.006 min  
Lab File: BM046710.D  
Acq: 18 Jul 2024 20:02

Tgt Ion:172 Resp: 1549704  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.8 41.8  
170 23.1 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.886 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046710.D

Acq: 18 Jul 2024 20:02

Instrument :

BNA\_M

ClientSampleId :

WC-CTW2-BL-02

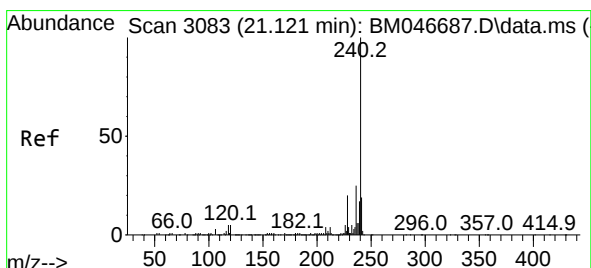
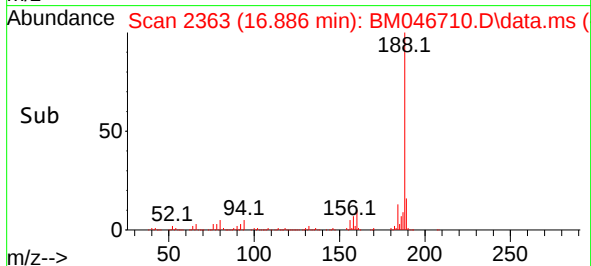
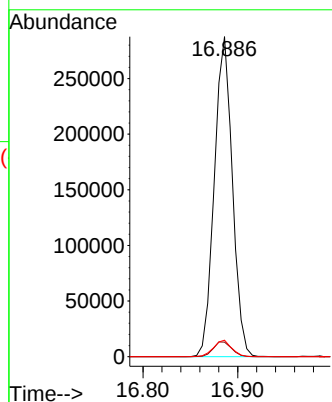
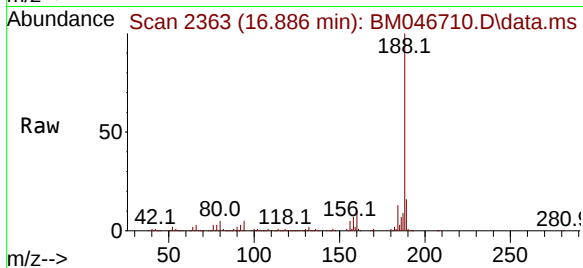
Tgt Ion:188 Resp: 380555

Ion Ratio Lower Upper

188 100

94 4.5 3.8 5.6

80 5.1 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.115 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM046710.D

Acq: 18 Jul 2024 20:02

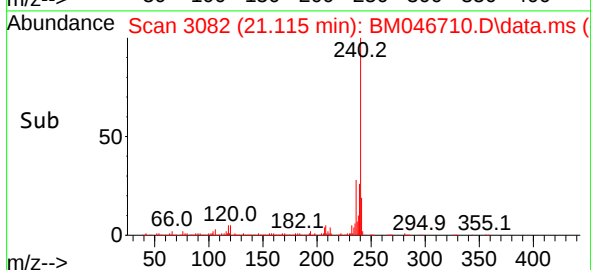
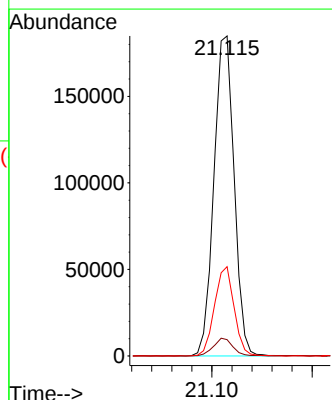
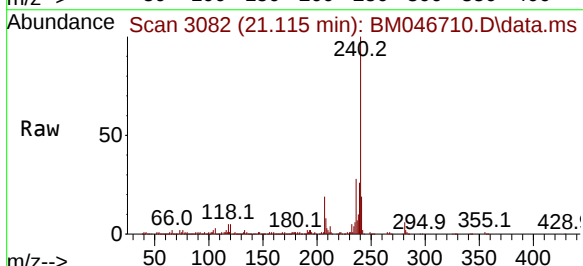
Tgt Ion:240 Resp: 258827

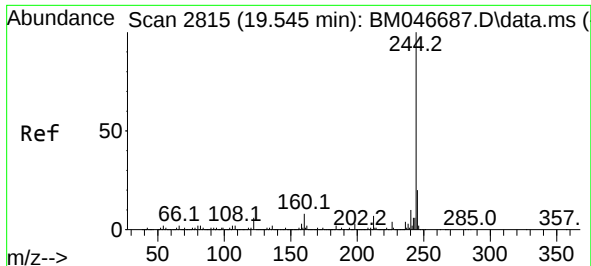
Ion Ratio Lower Upper

240 100

120 5.1 3.9 5.9

236 27.9 20.2 30.2

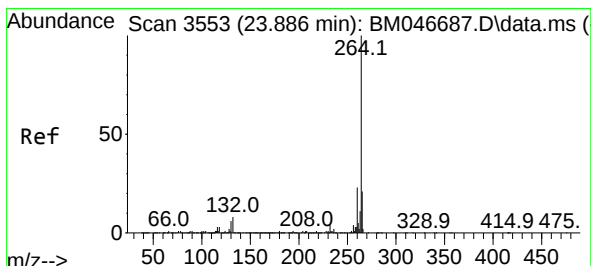
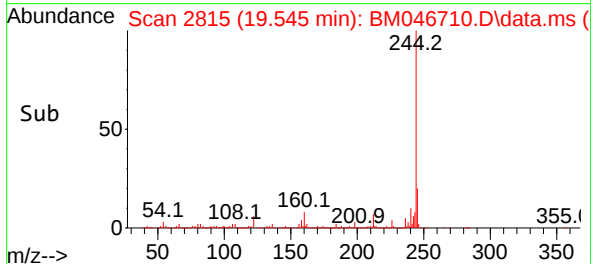
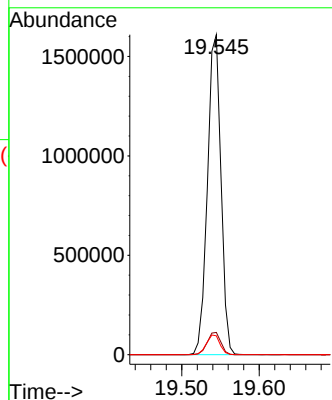
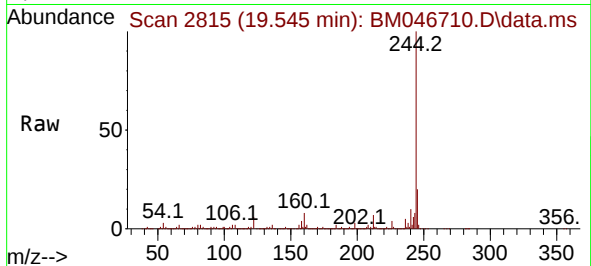




#79  
 Terphenyl-d14  
 Concen: 135.857 ng  
 RT: 19.545 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM046710.D  
 Acq: 18 Jul 2024 20:02

Instrument :  
 BNA\_M  
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 WC-CTW2-BL-02

Tgt Ion:244 Resp: 1944451  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 5.9 5.0 7.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.874 min Scan# 3551  
 Delta R.T. -0.012 min  
 Lab File: BM046710.D  
 Acq: 18 Jul 2024 20:02

Tgt Ion:264 Resp: 74555  
 Ion Ratio Lower Upper  
 264 100  
 260 28.0 18.1 27.1#  
 265 24.3 16.9 25.3

