

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071824\  
 Data File : BM046711.D  
 Acq On : 18 Jul 2024 20:42  
 Operator : MA/JU  
 Sample : P3246-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-CTW2-BL-01

Quant Time: Jul 19 01:15:41 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   | 7.486  | 152  | 78300    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.245 | 136  | 266003   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.133 | 164  | 171818   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.886 | 188  | 333936   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.109 | 240  | 284579   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 23.874 | 264  | 374876   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.128  | 112  | 359618   | 93.287 | ng    | 0.00     |
| 7) Phenol-d6                | 6.687  | 99   | 439362   | 89.506 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.628  | 82   | 321632   | 62.778 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.633 | 330  | 215202   | 80.750 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.745 | 172  | 758925   | 62.392 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.539 | 244  | 934559   | 59.388 | ng    | 0.00     |

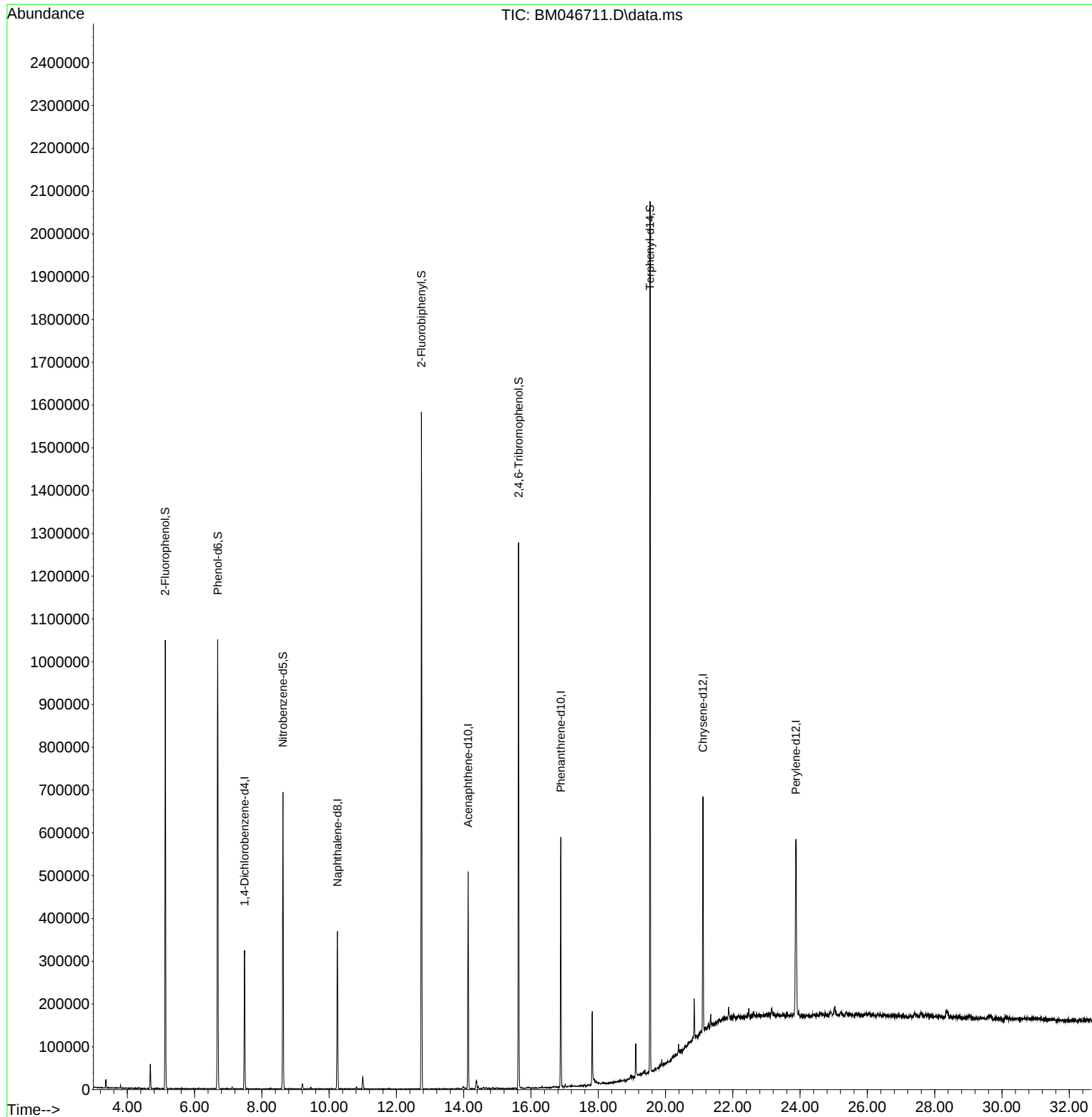
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

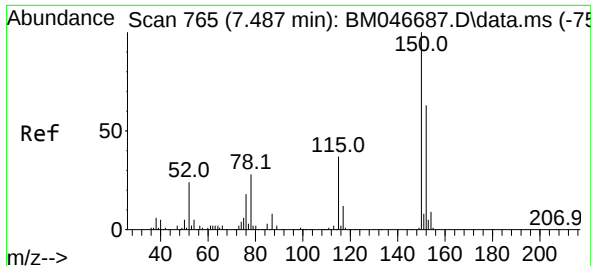
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

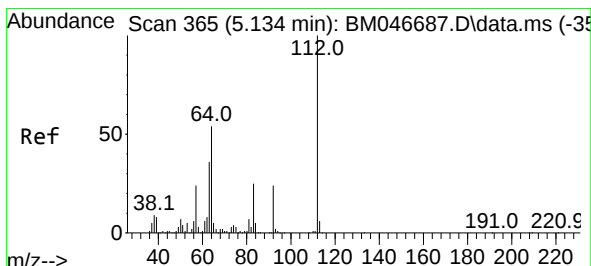
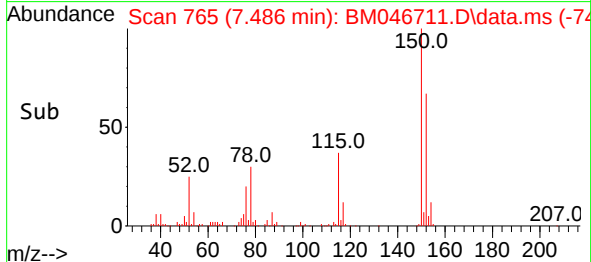
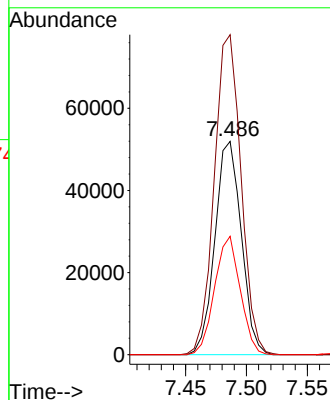
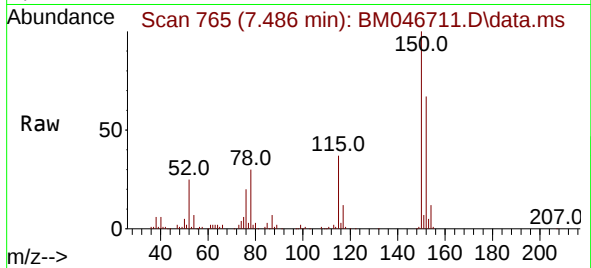




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.486 min Scan# 70  
Delta R.T. -0.001 min  
Lab File: BM046711.D  
Acq: 18 Jul 2024 20:42

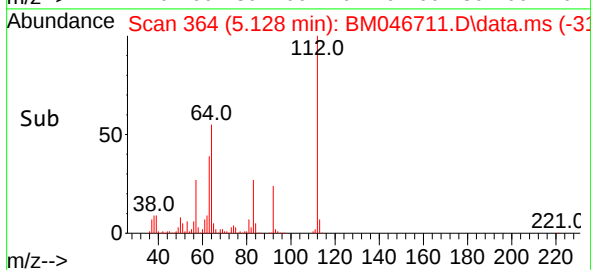
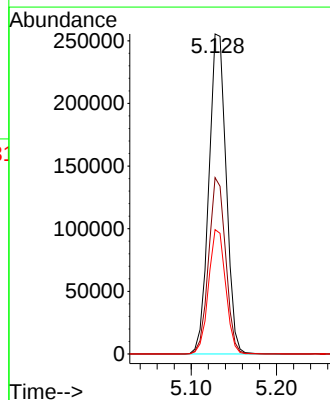
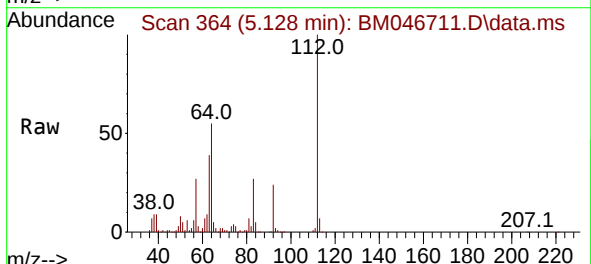
Instrument :  
BNA\_M  
ClientSampleId :  
WC-CTW2-BL-01

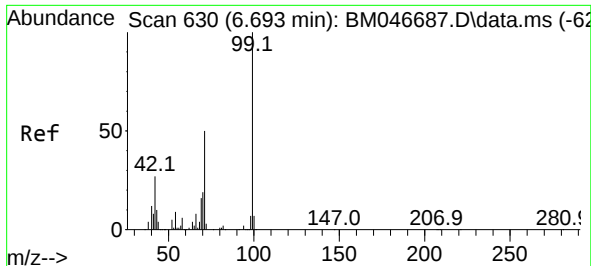
Tgt Ion:152 Resp: 78300  
Ion Ratio Lower Upper  
152 100  
150 150.0 127.3 190.9  
115 55.5 46.5 69.7



#5  
2-Fluorophenol  
Concen: 93.287 ng  
RT: 5.128 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: BM046711.D  
Acq: 18 Jul 2024 20:42

Tgt Ion:112 Resp: 359618  
Ion Ratio Lower Upper  
112 100  
64 55.1 43.5 65.3  
63 38.8 28.6 42.8

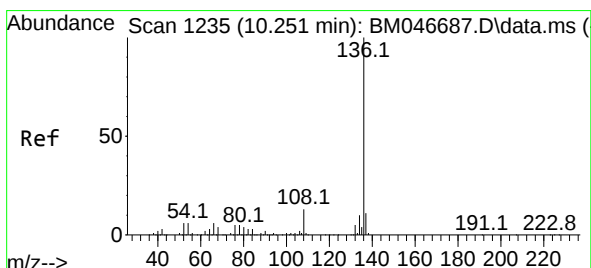
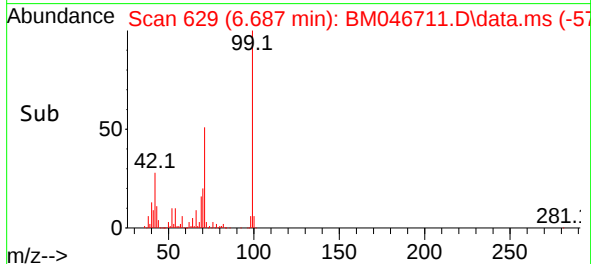
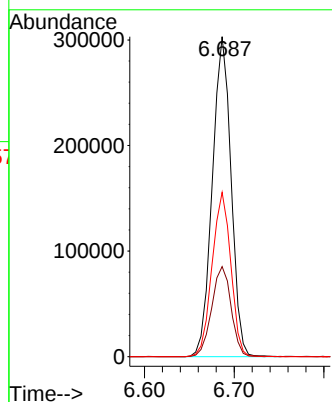
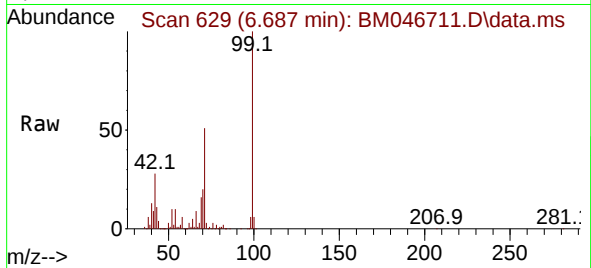




#7  
Phenol-d6  
Concen: 89.506 ng  
RT: 6.687 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM046711.D  
Acq: 18 Jul 2024 20:42

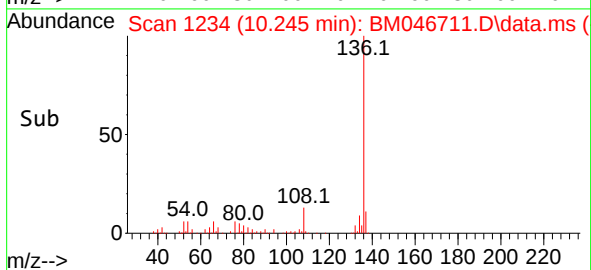
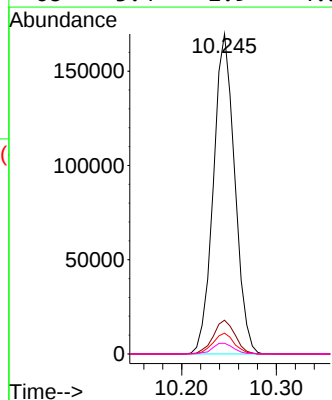
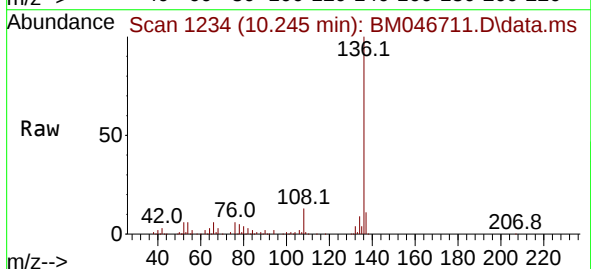
Instrument :  
BNA\_M  
ClientSampleId :  
WC-CTW2-BL-01

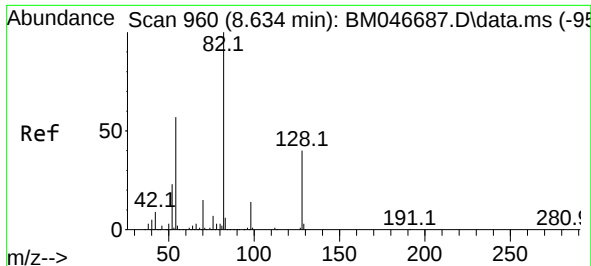
Tgt Ion: 99 Resp: 439362  
Ion Ratio Lower Upper  
99 100  
42 28.1 21.4 32.0  
71 51.3 39.9 59.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.245 min Scan# 1234  
Delta R.T. -0.006 min  
Lab File: BM046711.D  
Acq: 18 Jul 2024 20:42

Tgt Ion: 136 Resp: 266003  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.7 13.1  
54 6.5 5.1 7.7  
68 3.4 2.9 4.3





#23

Nitrobenzene-d5

Concen: 62.778 ng

RT: 8.628 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM046711.D

Acq: 18 Jul 2024 20:42

Instrument :

BNA\_M

ClientSampleId :

WC-CTW2-BL-01

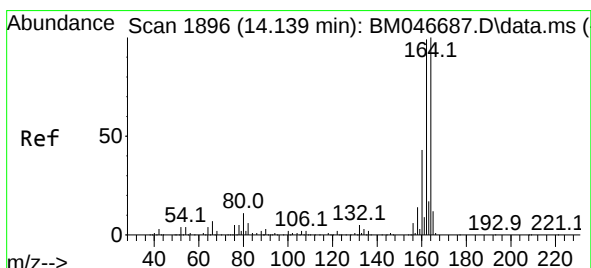
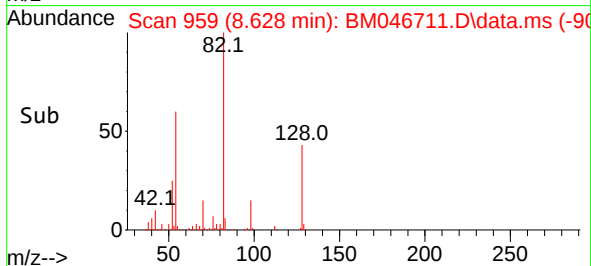
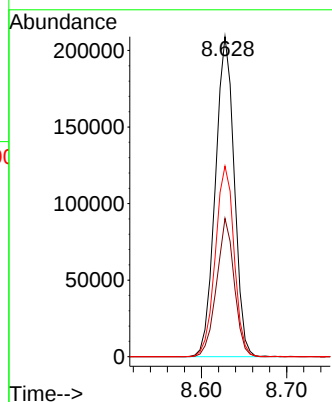
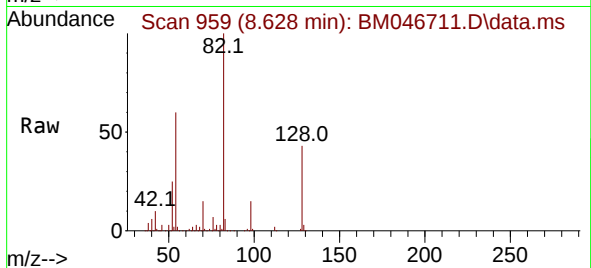
Tgt Ion: 82 Resp: 321632

Ion Ratio Lower Upper

82 100

128 43.2 32.0 48.0

54 59.6 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: BM046711.D

Acq: 18 Jul 2024 20:42

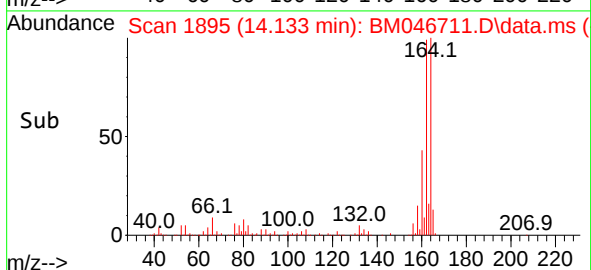
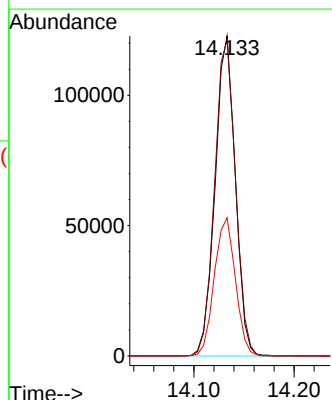
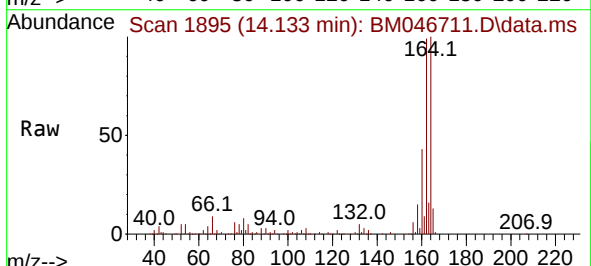
Tgt Ion: 164 Resp: 171818

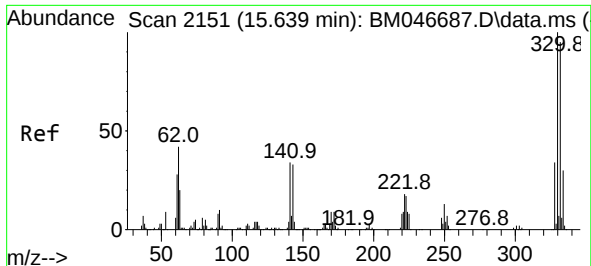
Ion Ratio Lower Upper

164 100

162 98.8 79.0 118.6

160 43.2 34.6 51.8

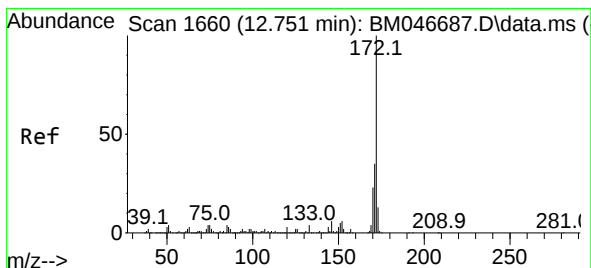
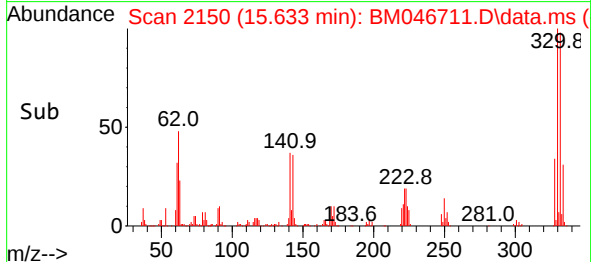
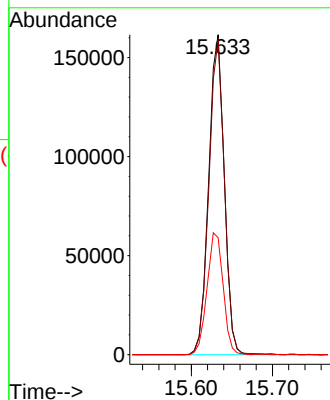
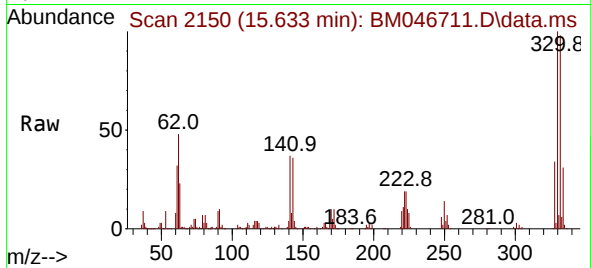




#42  
2,4,6-Tribromophenol  
Concen: 80.750 ng  
RT: 15.633 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: BM046711.D  
Acq: 18 Jul 2024 20:42

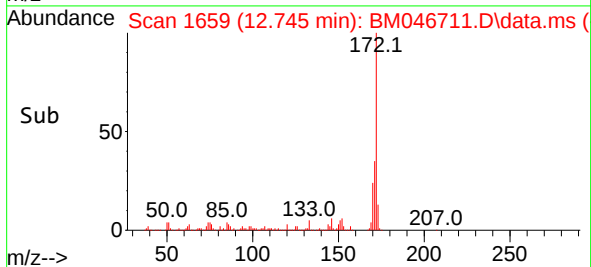
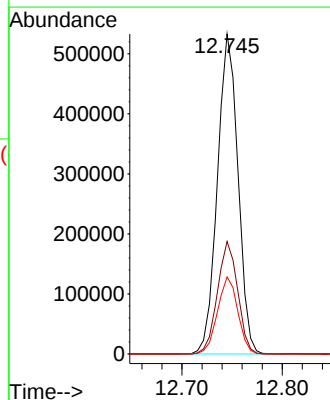
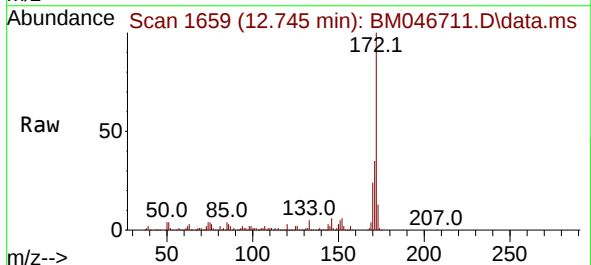
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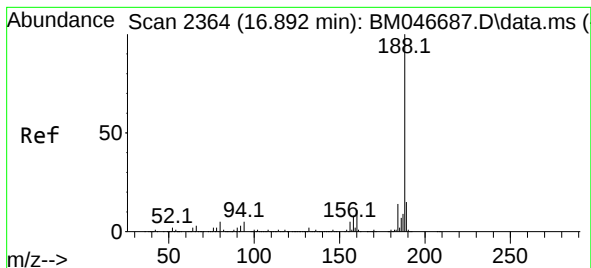
Tgt Ion:330 Resp: 215202  
Ion Ratio Lower Upper  
330 100  
332 97.5 75.5 113.3  
141 39.4 29.7 44.5



#45  
2-Fluorobiphenyl  
Concen: 62.392 ng  
RT: 12.745 min Scan# 1659  
Delta R.T. -0.006 min  
Lab File: BM046711.D  
Acq: 18 Jul 2024 20:42

Tgt Ion:172 Resp: 758925  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.8 41.8  
170 24.1 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: BM046711.D

Acq: 18 Jul 2024 20:42

Instrument :

BNA\_M

ClientSampleId :

WC-CTW2-BL-01

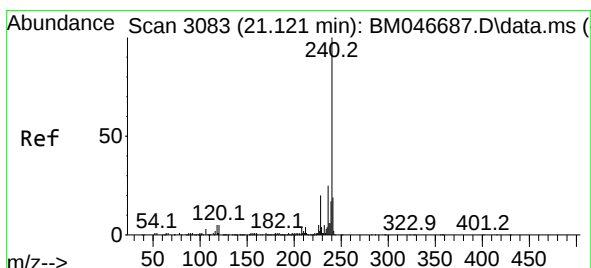
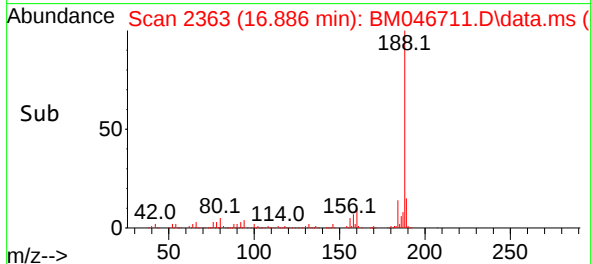
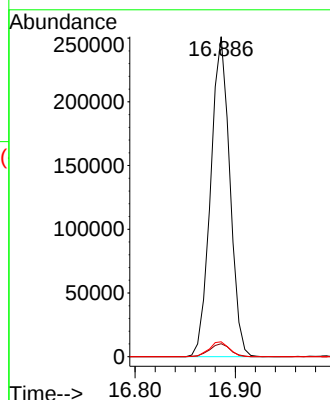
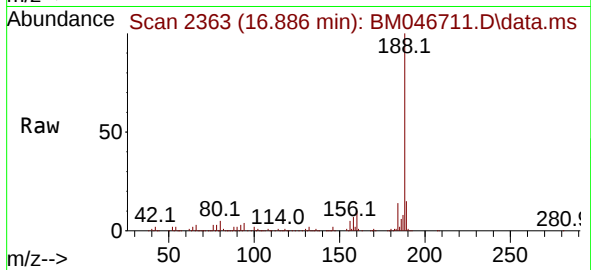
Tgt Ion:188 Resp: 333936

Ion Ratio Lower Upper

188 100

94 4.1 3.8 5.6

80 4.7 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.109 min Scan# 3081

Delta R.T. -0.012 min

Lab File: BM046711.D

Acq: 18 Jul 2024 20:42

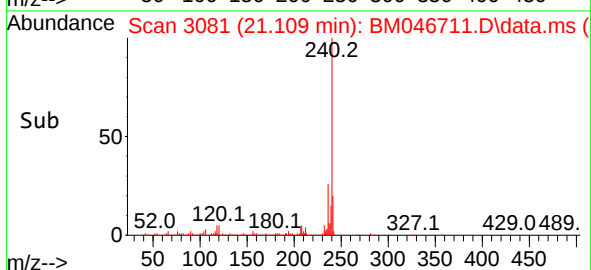
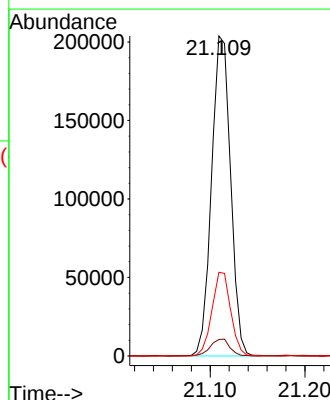
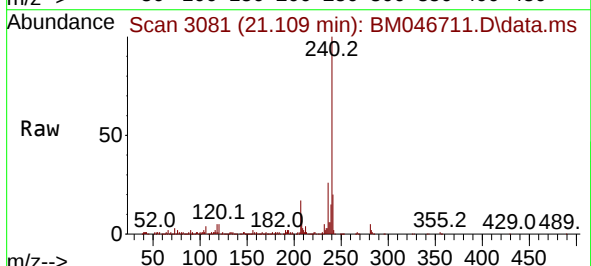
Tgt Ion:240 Resp: 284579

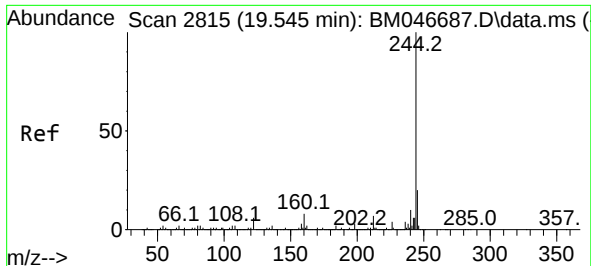
Ion Ratio Lower Upper

240 100

120 5.1 3.9 5.9

236 26.2 20.2 30.2

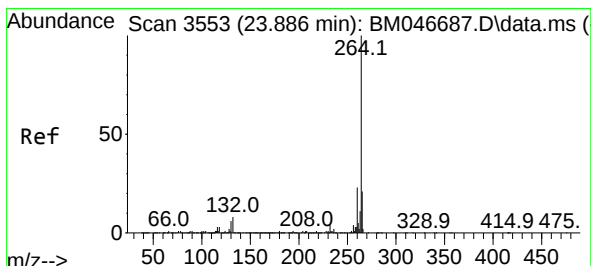
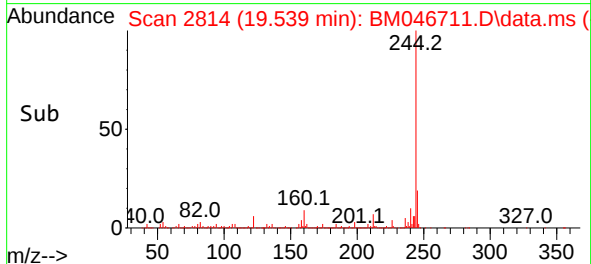
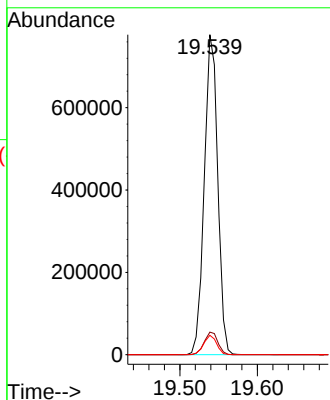
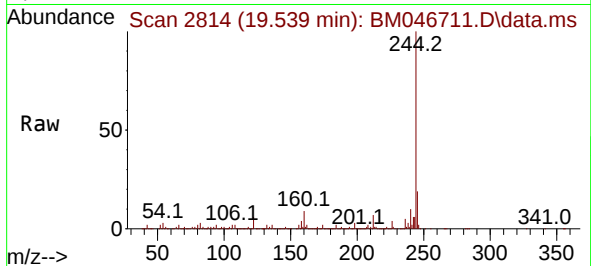




#79  
 Terphenyl-d14  
 Concen: 59.388 ng  
 RT: 19.539 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM046711.D  
 Acq: 18 Jul 2024 20:42

Instrument :  
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 WC-CTW2-BL-01

Tgt Ion:244 Resp: 934559  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.5 8.3  
 122 6.1 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: BM046711.D  
 Acq: 18 Jul 2024 20:42

Tgt Ion:264 Resp: 374876  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.1 27.1  
 265 21.1 16.9 25.3

