

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031325\  
 Data File : BM049715.D  
 Acq On : 13 Mar 2025 15:20  
 Operator : RC/JU  
 Sample : PB167097BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB167097BL

Quant Time: Mar 13 15:56:25 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 14:55:34 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.804  | 152  | 371354   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.598 | 136  | 1284387  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.445 | 164  | 842651   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.186 | 188  | 1675035  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.421 | 240  | 1341326  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.438 | 264  | 1212394  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.392  | 112  | 3305256  | 150.181 | ng    | 0.00     |
| 7) Phenol-d6                | 6.981  | 99   | 4118395  | 149.112 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.963  | 82   | 2442329  | 97.629  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.933 | 330  | 1893989  | 192.486 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.068 | 172  | 6648001  | 98.805  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.809 | 244  | 10322198 | 129.679 | ng    | 0.00     |

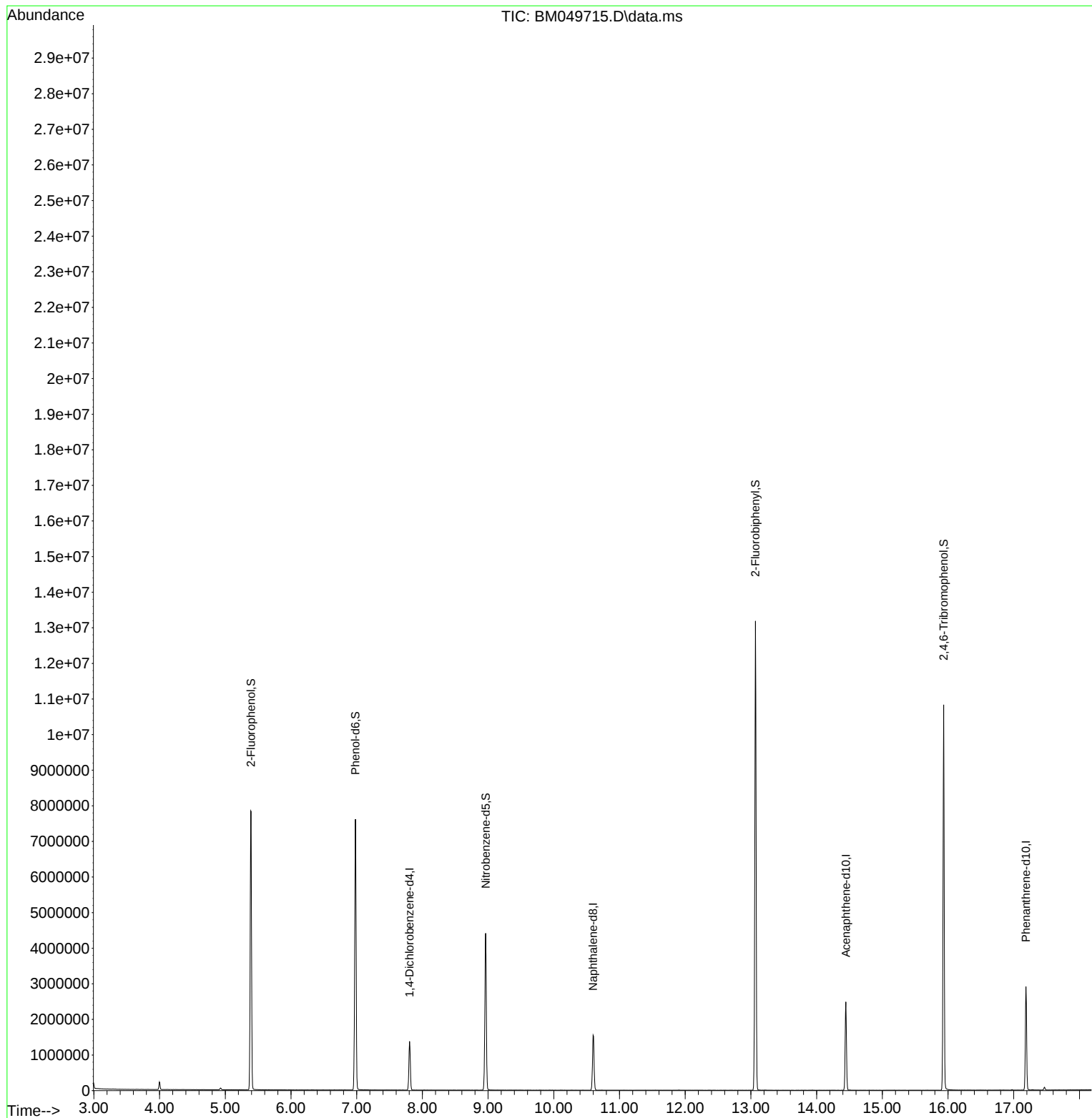
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Instrument :  
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PB167097BL

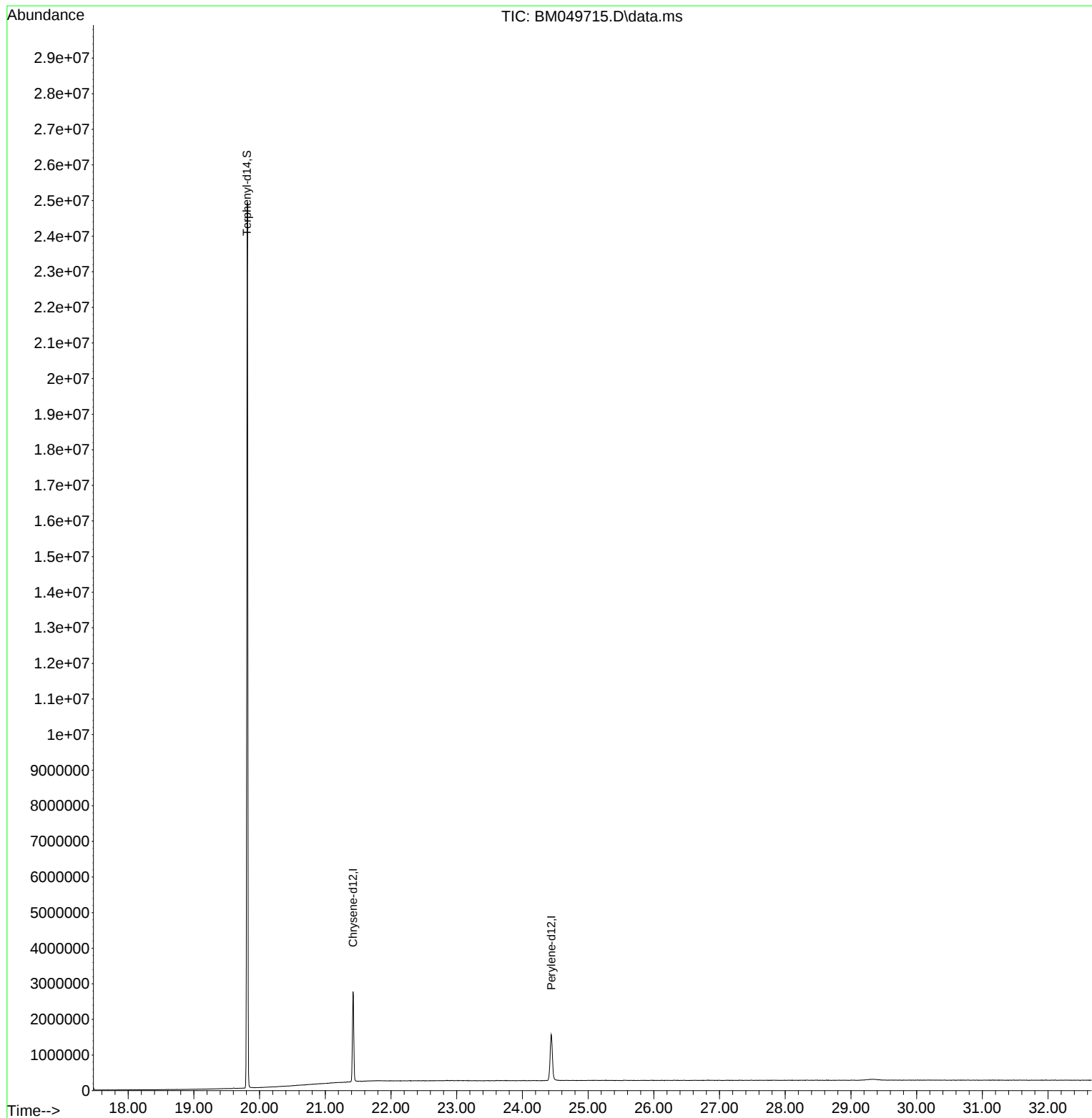
Quant Time: Mar 13 15:56:25 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 13 14:55:34 2025  
Response via : Initial Calibration

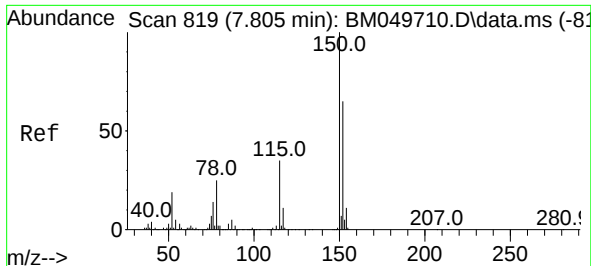


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031325\  
Data File : BM049715.D  
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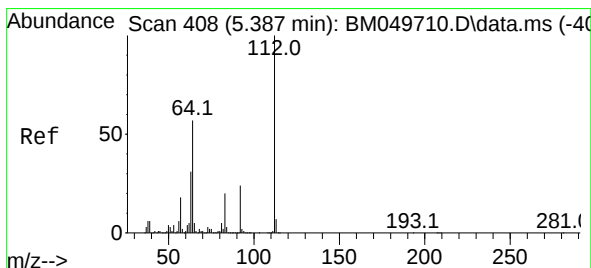
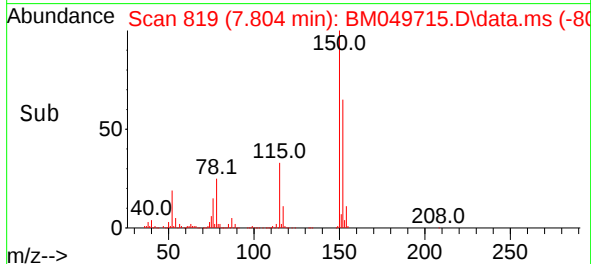
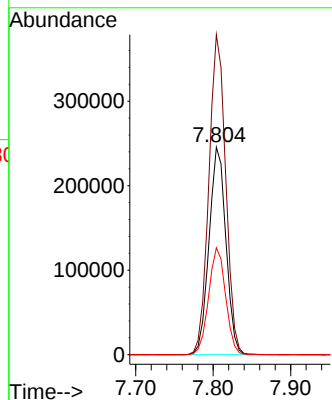
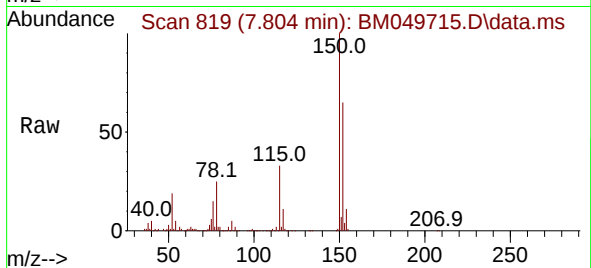




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.804 min Scan# 819  
Delta R.T. -0.001 min  
Lab File: BM049715.D  
Acq: 13 Mar 2025 15:20

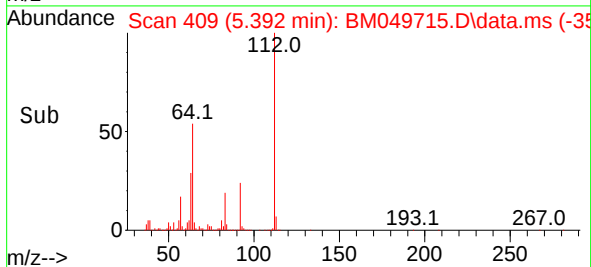
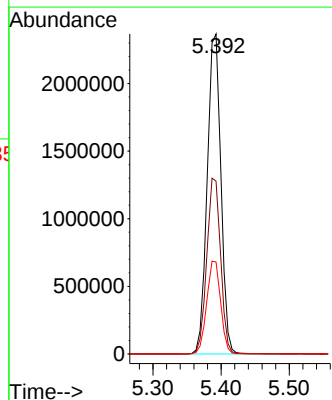
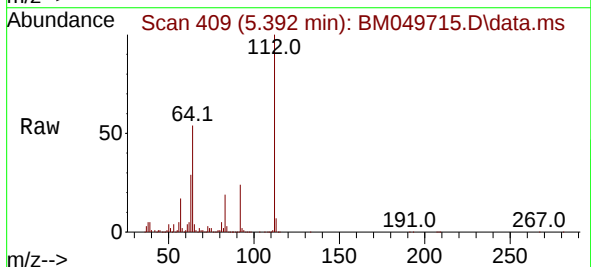
Instrument :  
BNA\_M  
ClientSampleId :  
PB167097BL

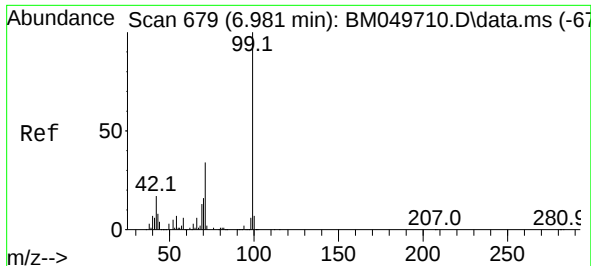
Tgt Ion:152 Resp: 371354  
Ion Ratio Lower Upper  
152 100  
150 154.2 123.8 185.8  
115 51.5 43.0 64.6



#5  
2-Fluorophenol  
Concen: 150.181 ng  
RT: 5.392 min Scan# 409  
Delta R.T. 0.005 min  
Lab File: BM049715.D  
Acq: 13 Mar 2025 15:20

Tgt Ion:112 Resp: 3305256  
Ion Ratio Lower Upper  
112 100  
64 54.0 45.3 67.9  
63 28.7 24.4 36.6

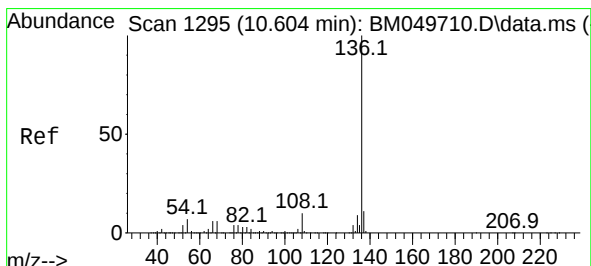
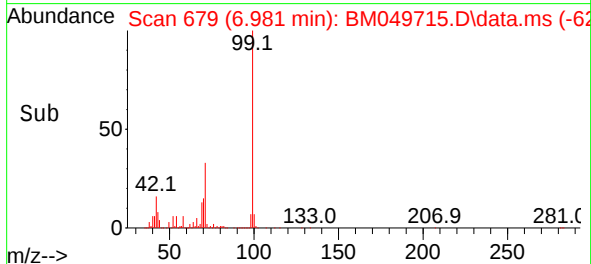
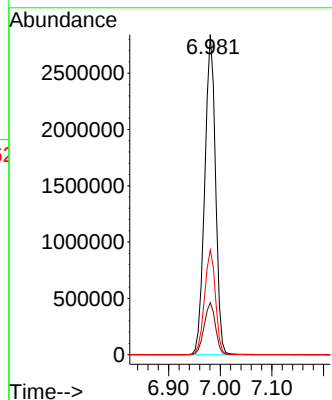
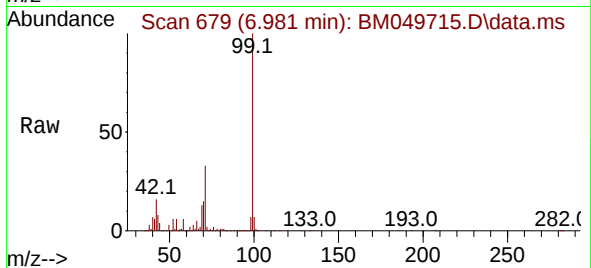




#7  
Phenol-d6  
Concen: 149.112 ng  
RT: 6.981 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM049715.D  
Acq: 13 Mar 2025 15:20

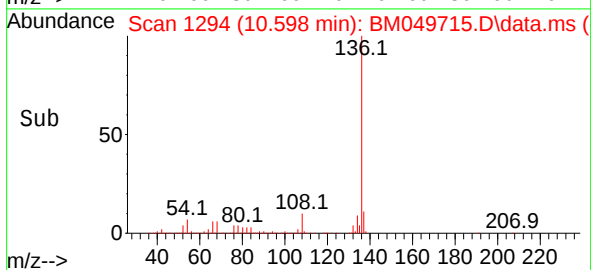
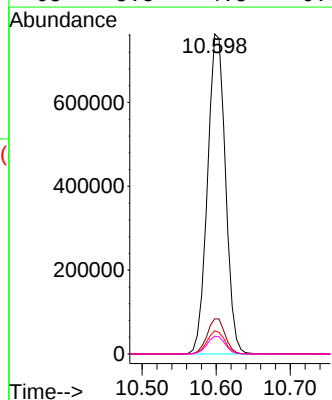
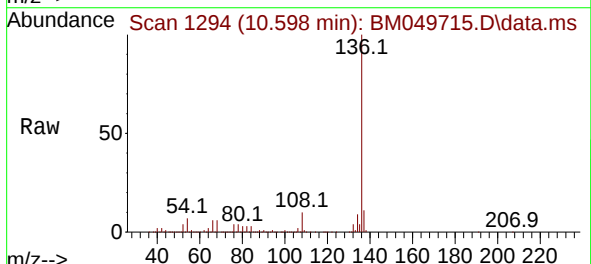
Instrument :  
BNA\_M  
ClientSampleId :  
PB167097BL

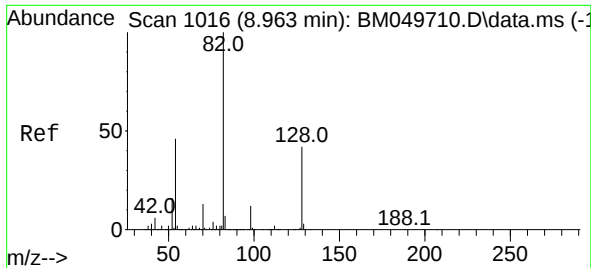
Tgt Ion: 99 Resp: 4118395  
Ion Ratio Lower Upper  
99 100  
42 16.2 13.6 20.4  
71 32.7 27.0 40.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.598 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: BM049715.D  
Acq: 13 Mar 2025 15:20

Tgt Ion: 136 Resp: 1284387  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 7.3 5.8 8.8  
68 5.5 4.5 6.7

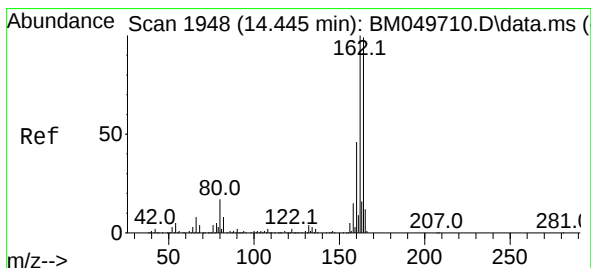
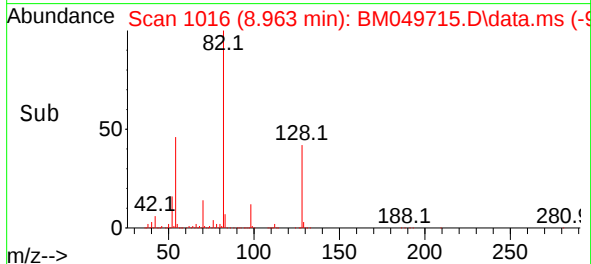
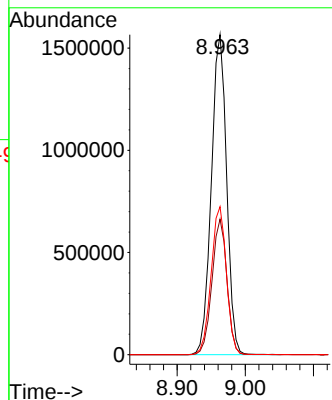
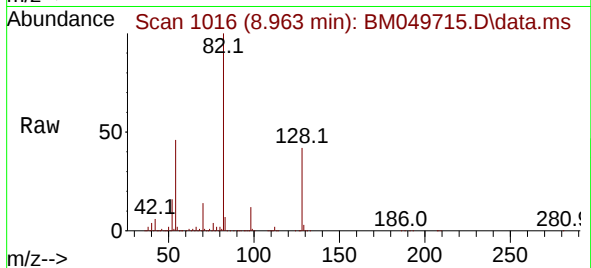




#23  
Nitrobenzene-d5  
Concen: 97.629 ng  
RT: 8.963 min Scan# 1016  
Delta R.T. -0.001 min  
Lab File: BM049715.D  
Acq: 13 Mar 2025 15:20

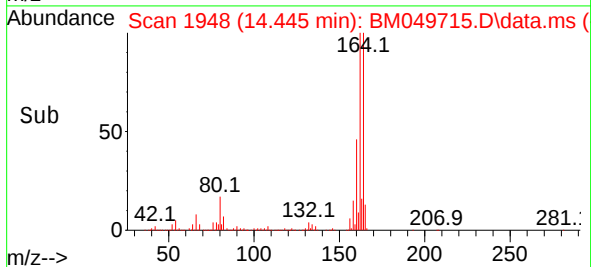
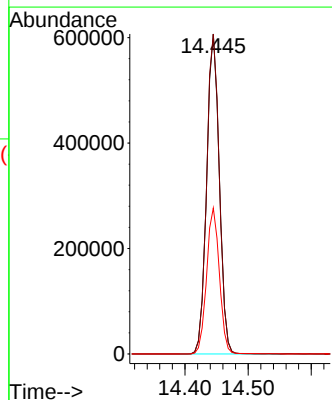
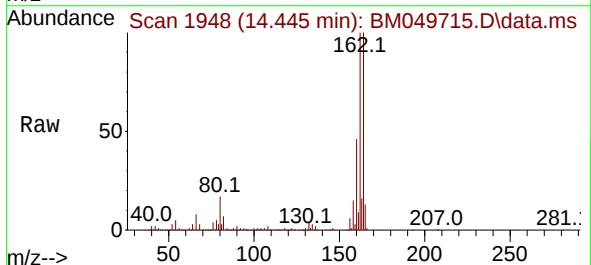
Instrument :  
BNA\_M  
ClientSampleId :  
PB167097BL

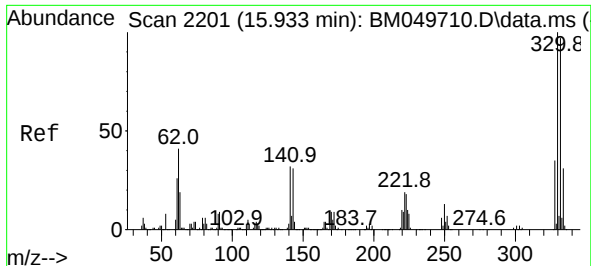
Tgt Ion: 82 Resp: 2442329  
Ion Ratio Lower Upper  
82 100  
128 42.4 33.4 50.0  
54 46.3 36.4 54.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.445 min Scan# 1948  
Delta R.T. -0.001 min  
Lab File: BM049715.D  
Acq: 13 Mar 2025 15:20

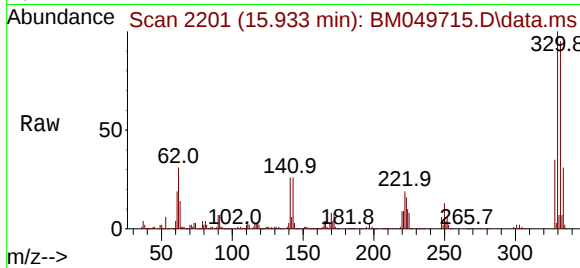
Tgt Ion:164 Resp: 842651  
Ion Ratio Lower Upper  
164 100  
162 99.9 80.5 120.7  
160 45.6 36.9 55.3



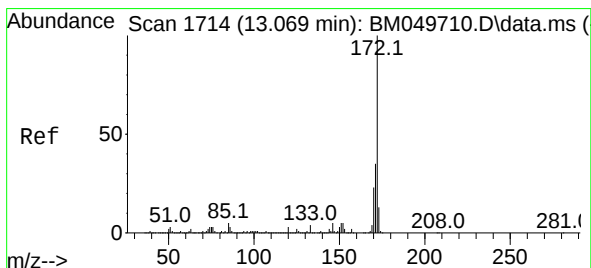
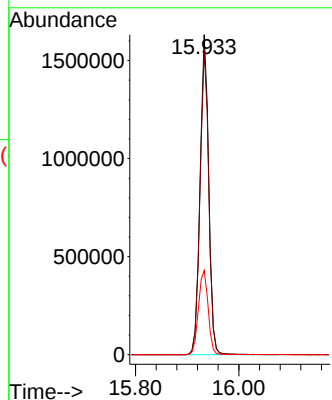
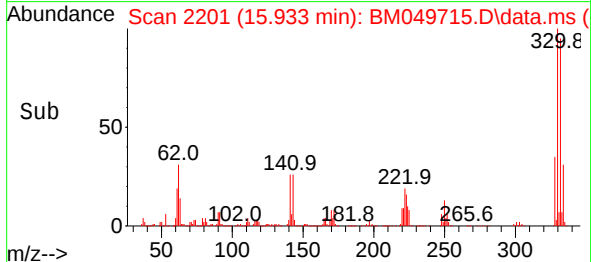


#42  
2,4,6-Tribromophenol  
Concen: 192.486 ng  
RT: 15.933 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM049715.D  
Acq: 13 Mar 2025 15:20

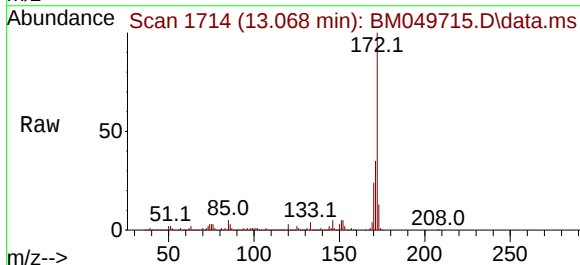
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BNA\_M  
ClientSampleId :  
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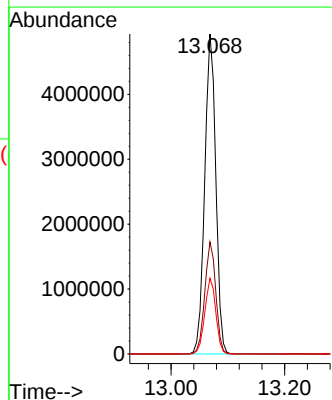
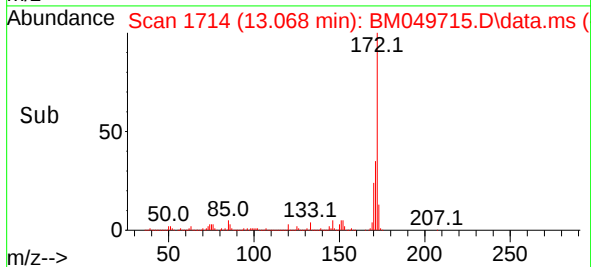
Tgt Ion:330 Resp: 1893989  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.0 115.4  
141 29.4 27.8 41.6

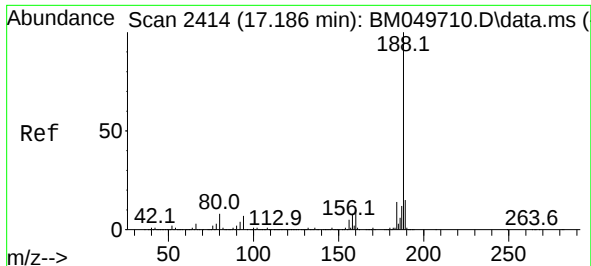


#45  
2-Fluorobiphenyl  
Concen: 98.805 ng  
RT: 13.068 min Scan# 1714  
Delta R.T. -0.001 min  
Lab File: BM049715.D  
Acq: 13 Mar 2025 15:20



Tgt Ion:172 Resp: 6648001  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.9 41.9  
170 23.6 18.6 28.0

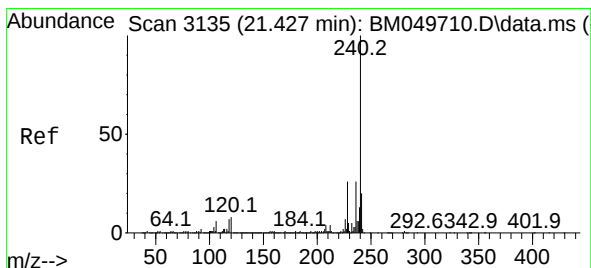
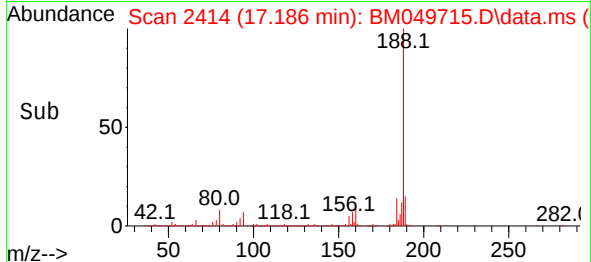
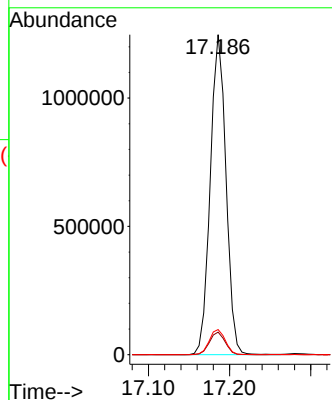
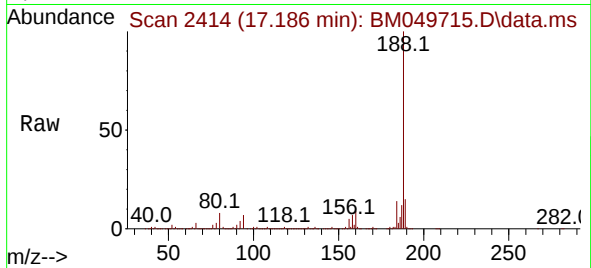




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.186 min Scan# 2414  
Delta R.T. -0.000 min  
Lab File: BM049715.D  
Acq: 13 Mar 2025 15:20

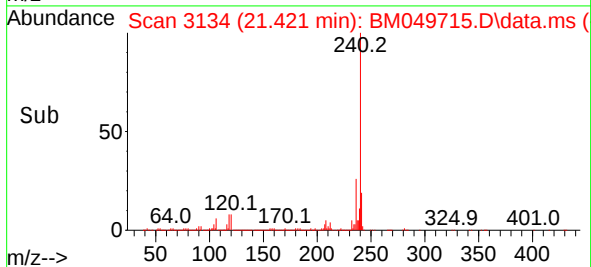
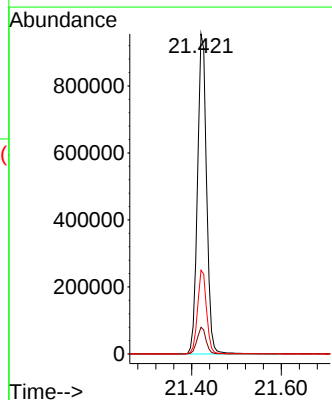
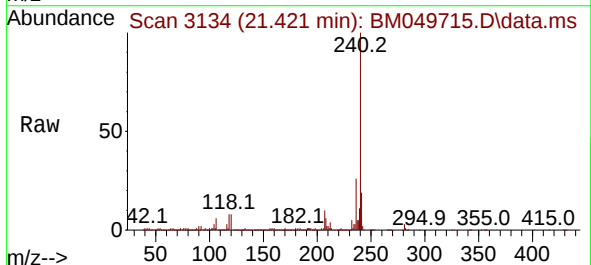
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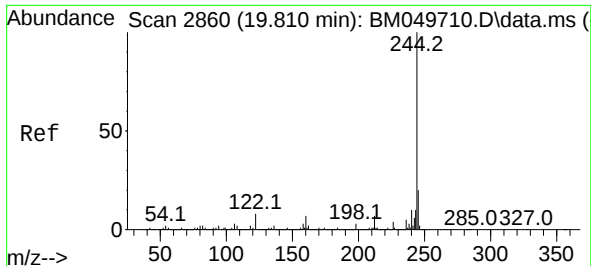
Tgt Ion:188 Resp: 1675035  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.8 8.6  
80 7.8 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.421 min Scan# 3134  
Delta R.T. -0.006 min  
Lab File: BM049715.D  
Acq: 13 Mar 2025 15:20

Tgt Ion:240 Resp: 1341326  
Ion Ratio Lower Upper  
240 100  
120 8.3 6.5 9.7  
236 26.2 20.7 31.1

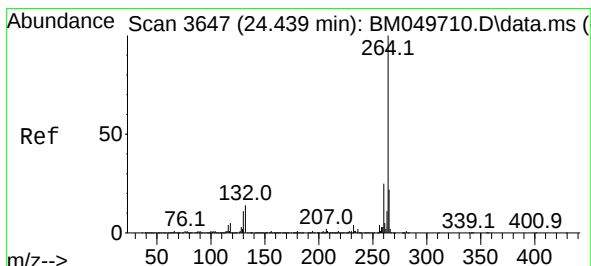
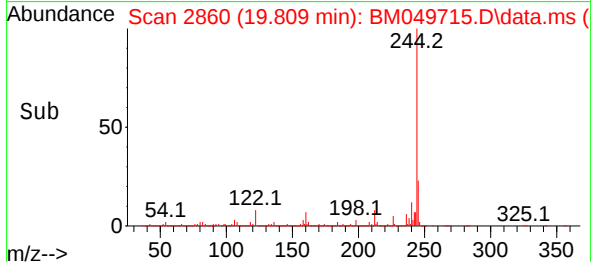
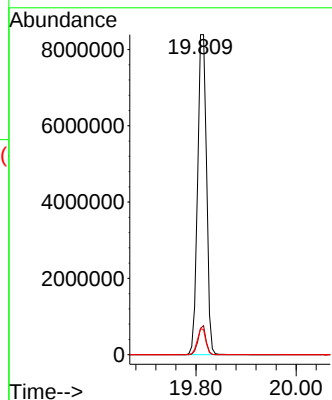
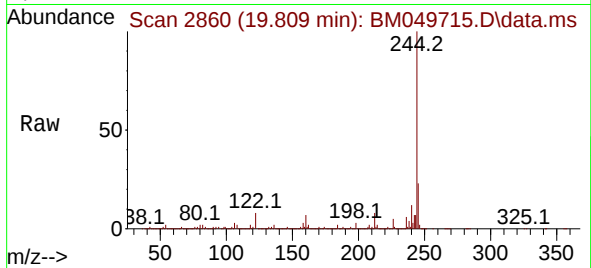




#79  
 Terphenyl-d14  
 Concen: 129.679 ng  
 RT: 19.809 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BM049715.D  
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Instrument :  
 BNA\_M  
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 PB167097BL

Tgt Ion:244 Resp:10322198  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 5.8 8.6  
 122 8.2 6.0 9.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.438 min Scan# 3647  
 Delta R.T. -0.000 min  
 Lab File: BM049715.D  
 Acq: 13 Mar 2025 15:20

Tgt Ion:264 Resp: 1212394  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.6 29.4  
 265 20.9 18.2 27.2

