

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020725\  
 Data File : BM049602.D  
 Acq On : 07 Feb 2025 14:52  
 Operator : RC/JU  
 Sample : PB166363BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB166363BL

Quant Time: Feb 07 15:34:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 04:55:28 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.822  | 152  | 199858   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.616 | 136  | 696305   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.457 | 164  | 404256   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.198 | 188  | 732284   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.439 | 240  | 517870   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.462 | 264  | 428766   | 20.000  | ng    | -0.01    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.393  | 112  | 1830528  | 147.287 | ng    | 0.00     |
| 7) Phenol-d6                | 6.981  | 99   | 2232407  | 137.104 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.975  | 82   | 1354747  | 100.078 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.945 | 330  | 560006   | 116.909 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.086 | 172  | 3204545  | 102.691 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.827 | 244  | 5110162  | 150.683 | ng    | 0.00     |

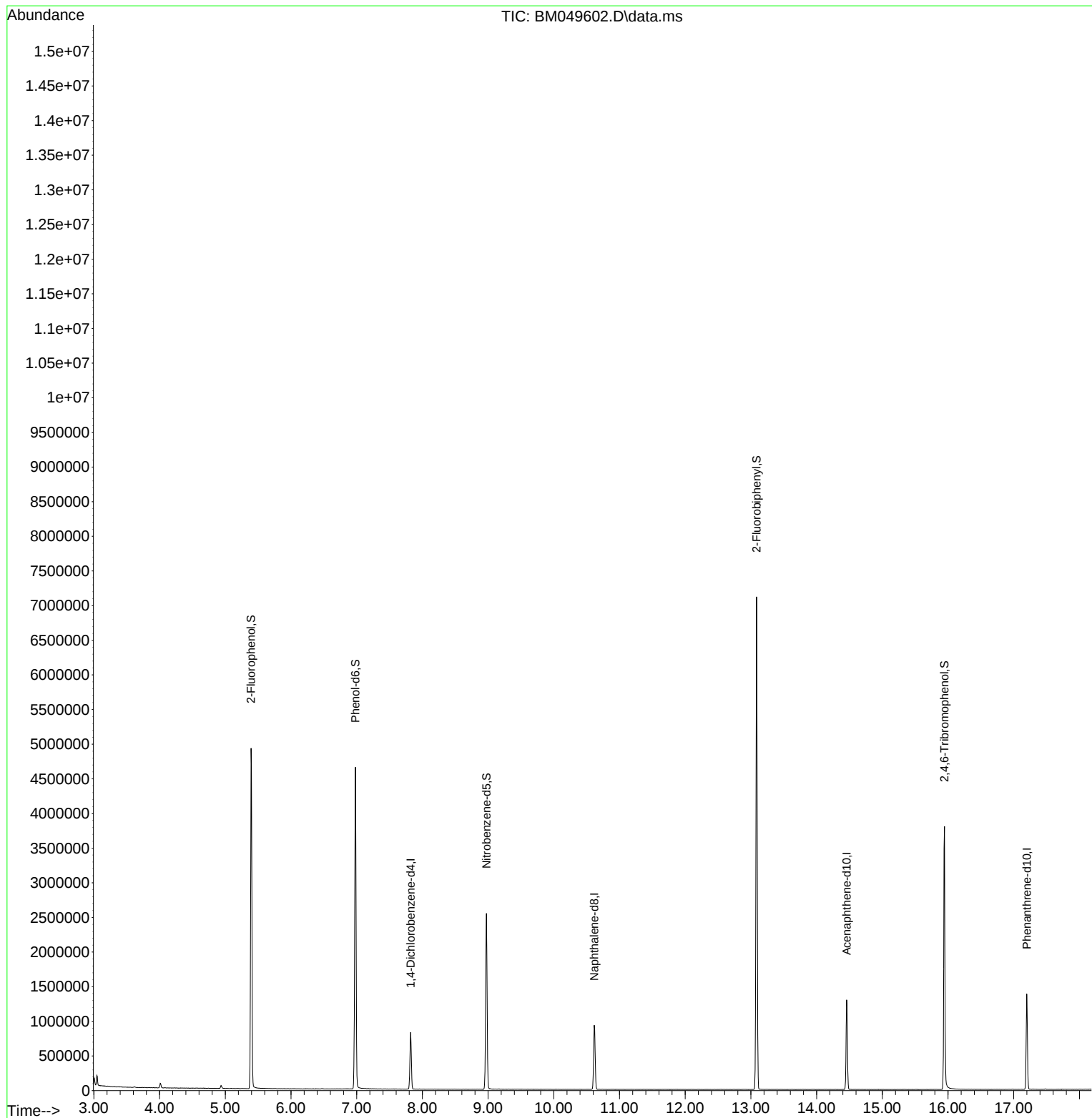
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Sample : PB166363BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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PB166363BL

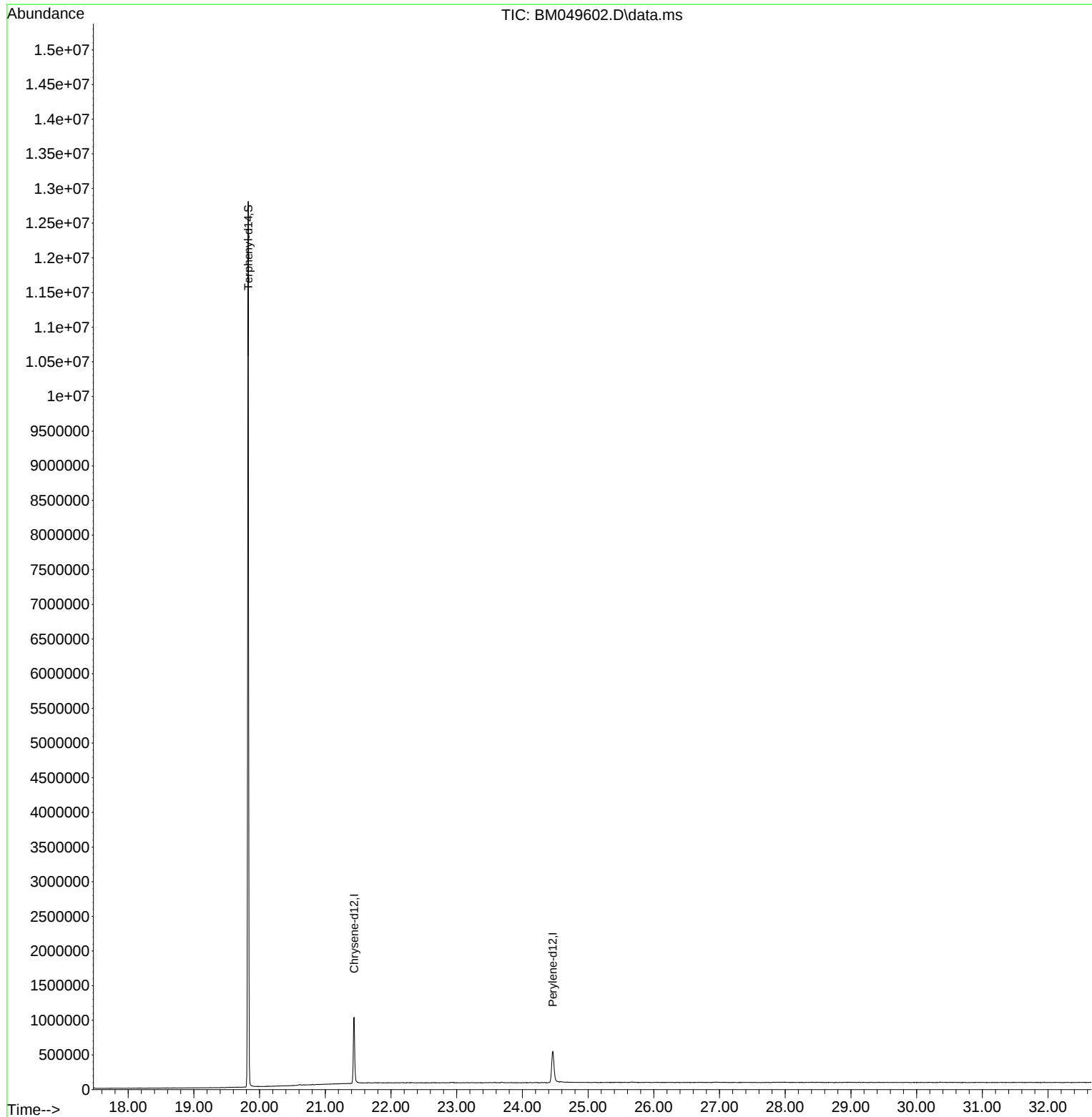
Quant Time: Feb 07 15:34:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 06 04:55:28 2025  
Response via : Initial Calibration

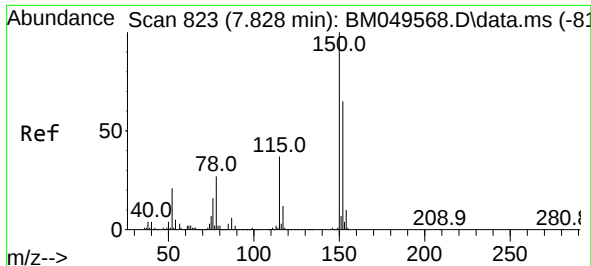


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020725\  
Data File : BM049602.D  
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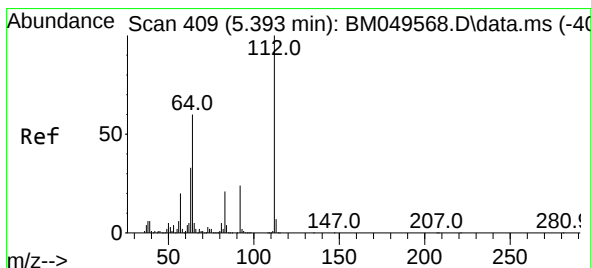
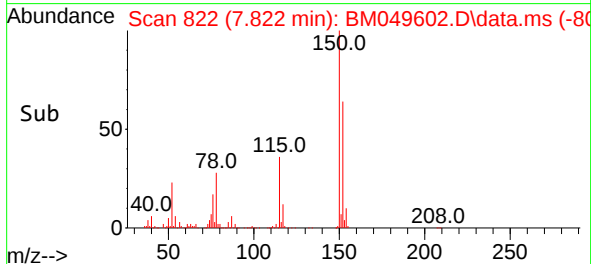
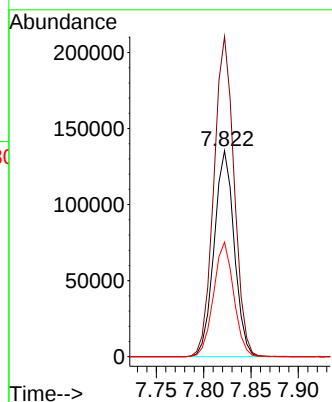
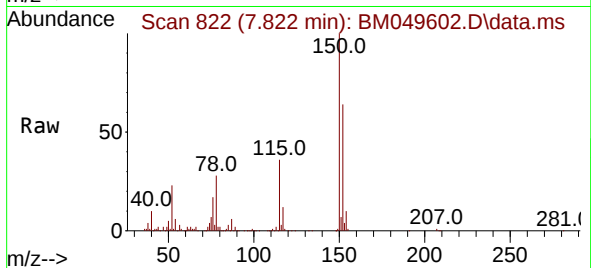




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.822 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM049602.D  
Acq: 07 Feb 2025 14:52

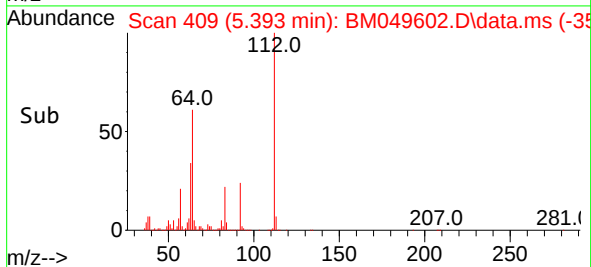
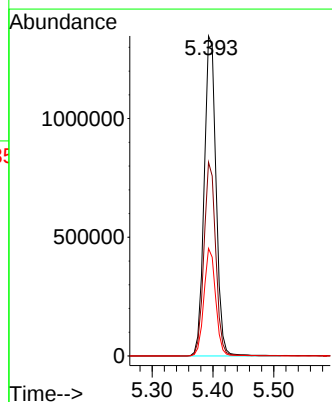
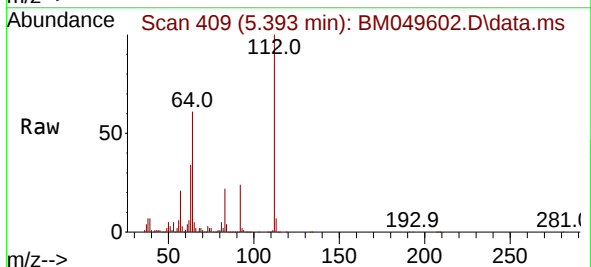
Instrument :  
BNA\_M  
ClientSampleId :  
PB166363BL

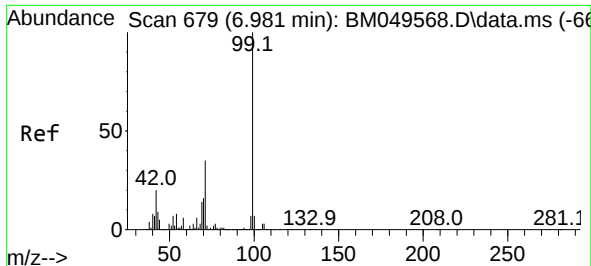
Tgt Ion:152 Resp: 199858  
Ion Ratio Lower Upper  
152 100  
150 155.4 122.6 184.0  
115 55.6 45.4 68.0



#5  
2-Fluorophenol  
Concen: 147.287 ng  
RT: 5.393 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BM049602.D  
Acq: 07 Feb 2025 14:52

Tgt Ion:112 Resp: 1830528  
Ion Ratio Lower Upper  
112 100  
64 60.6 47.8 71.8  
63 33.6 26.2 39.4



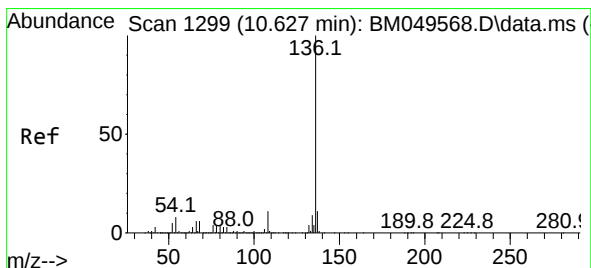
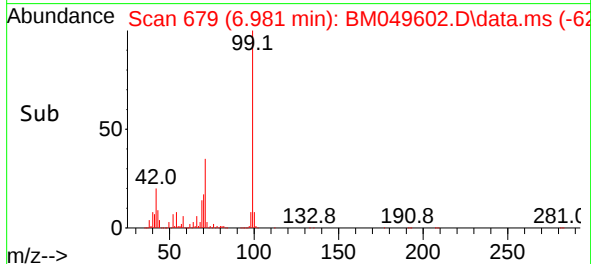
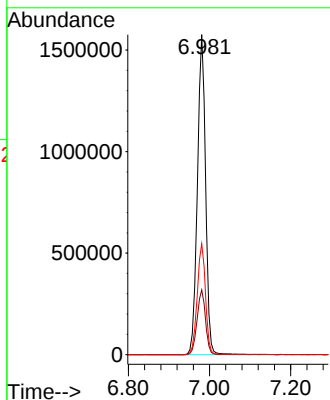
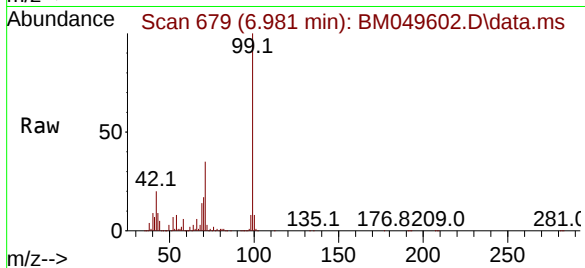


#7  
Phenol-d6  
Concen: 137.104 ng  
RT: 6.981 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM049602.D  
Acq: 07 Feb 2025 14:52

Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion: 99 Resp: 2232407

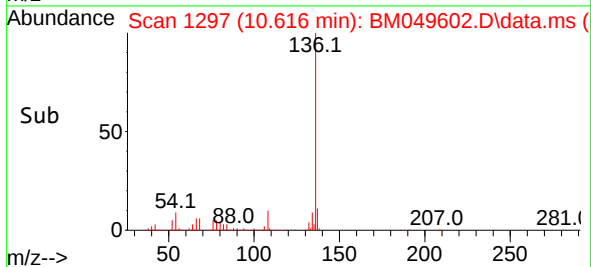
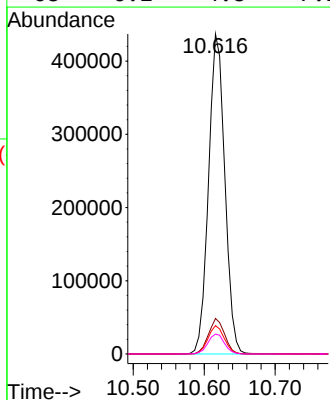
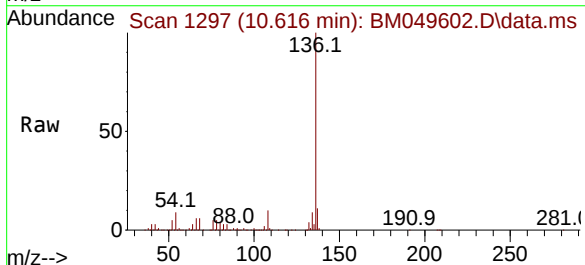
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.2  | 16.0  | 24.0  |
| 71  | 34.7  | 27.8  | 41.6  |

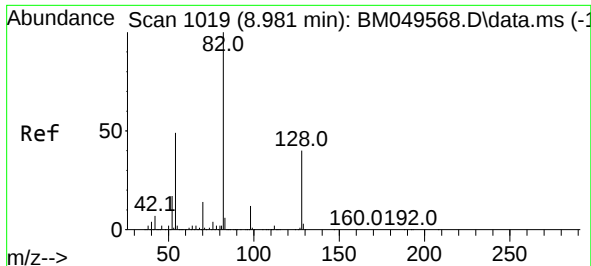


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.616 min Scan# 1297  
Delta R.T. -0.012 min  
Lab File: BM049602.D  
Acq: 07 Feb 2025 14:52

Tgt Ion: 136 Resp: 696305

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 13.0  |
| 54  | 8.8   | 6.6   | 10.0  |
| 68  | 6.2   | 4.8   | 7.2   |

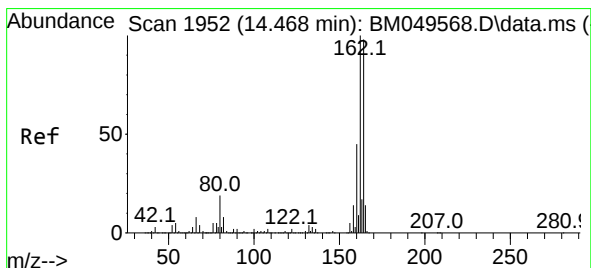
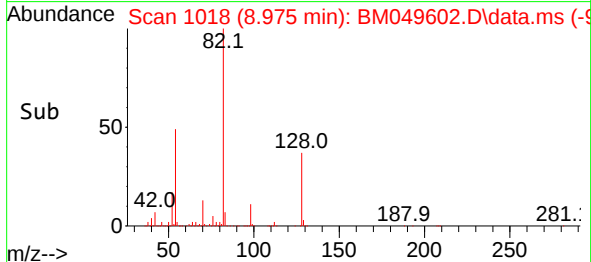
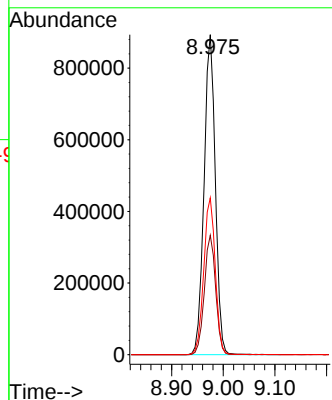
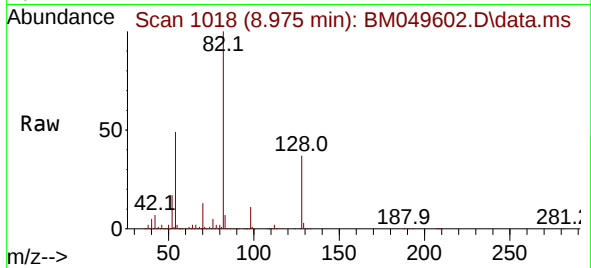




#23  
Nitrobenzene-d5  
Concen: 100.078 ng  
RT: 8.975 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BM049602.D  
Acq: 07 Feb 2025 14:52

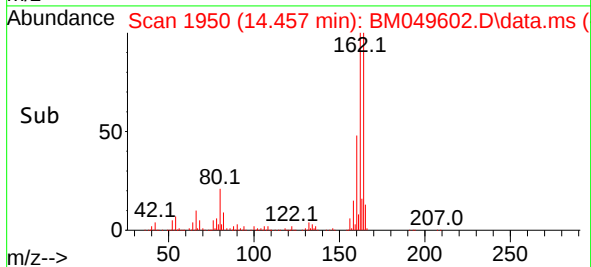
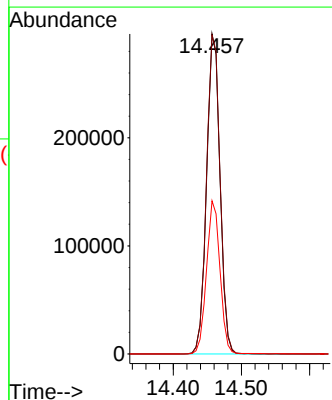
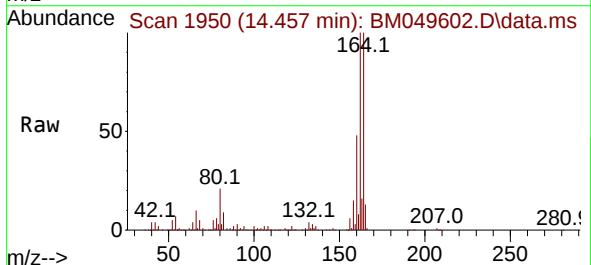
Instrument :  
BNA\_M  
ClientSampleId :  
PB166363BL

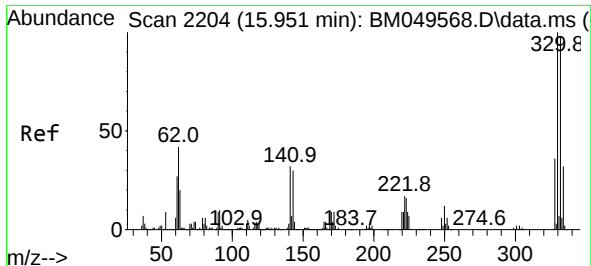
Tgt Ion: 82 Resp: 1354747  
Ion Ratio Lower Upper  
82 100  
128 37.3 31.6 47.4  
54 49.0 39.4 59.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.457 min Scan# 1950  
Delta R.T. -0.012 min  
Lab File: BM049602.D  
Acq: 07 Feb 2025 14:52

Tgt Ion:164 Resp: 404256  
Ion Ratio Lower Upper  
164 100  
162 99.7 81.4 122.0  
160 47.9 36.2 54.4

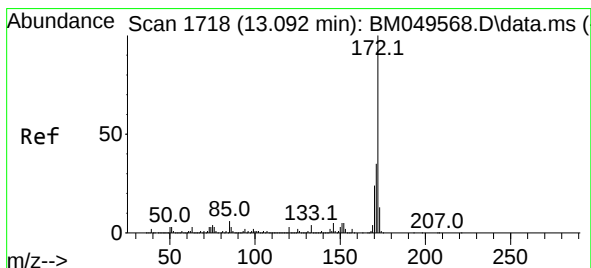
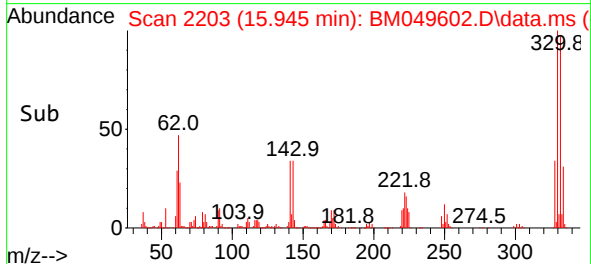
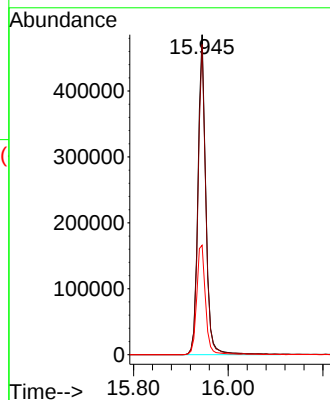
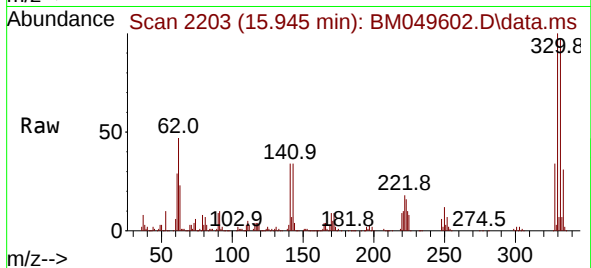




#42  
2,4,6-Tribromophenol  
Concen: 116.909 ng  
RT: 15.945 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM049602.D  
Acq: 07 Feb 2025 14:52

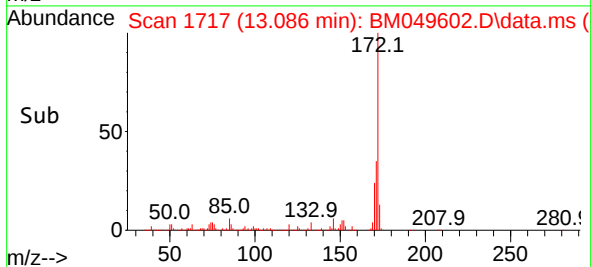
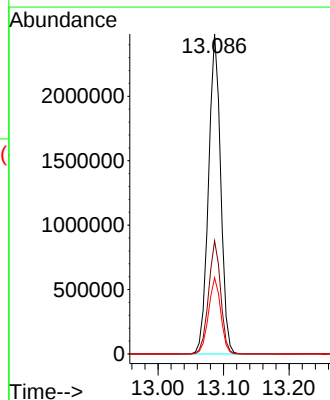
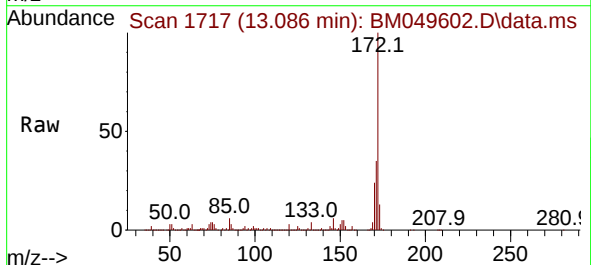
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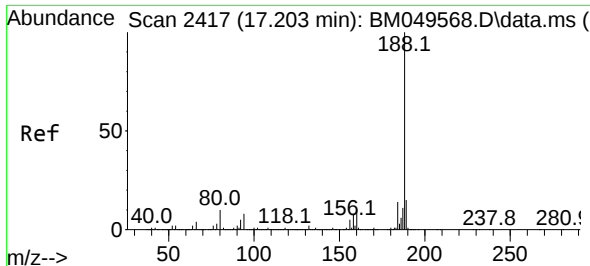
Tgt Ion:330 Resp: 560006  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.3 115.9  
141 38.2 28.2 42.2



#45  
2-Fluorobiphenyl  
Concen: 102.691 ng  
RT: 13.086 min Scan# 1717  
Delta R.T. -0.006 min  
Lab File: BM049602.D  
Acq: 07 Feb 2025 14:52

Tgt Ion:172 Resp: 3204545  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.0 42.0  
170 23.8 19.0 28.4

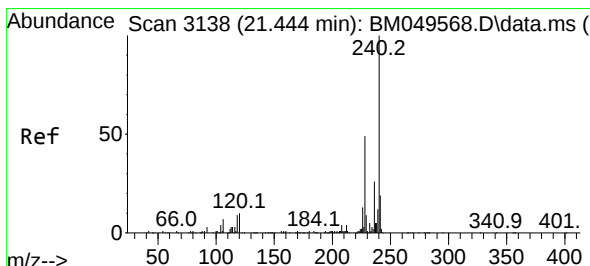
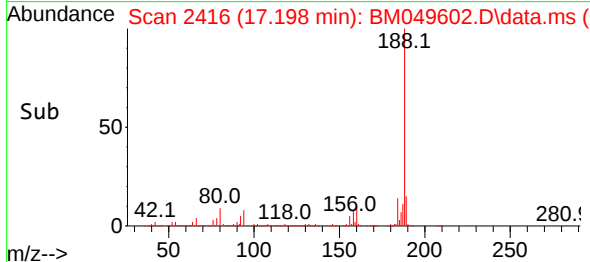
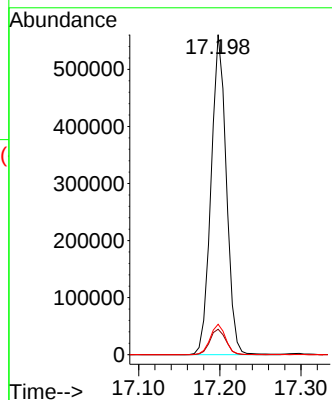
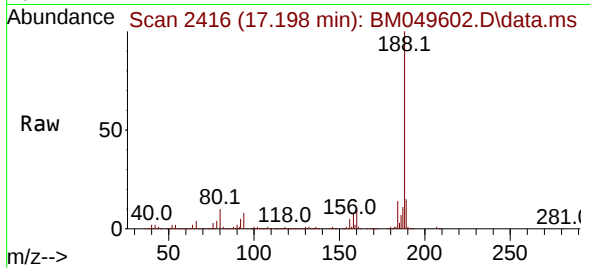




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.198 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BM049602.D  
Acq: 07 Feb 2025 14:52

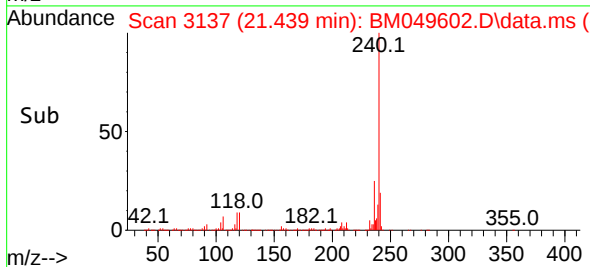
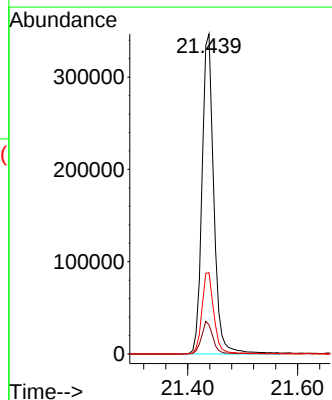
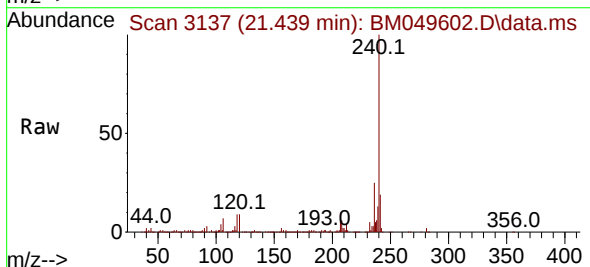
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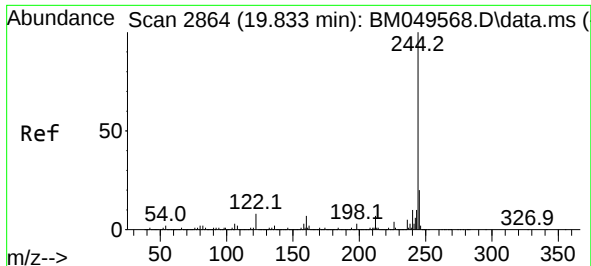
Tgt Ion:188 Resp: 732284  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.7 10.1  
80 9.5 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.439 min Scan# 3137  
Delta R.T. -0.006 min  
Lab File: BM049602.D  
Acq: 07 Feb 2025 14:52

Tgt Ion:240 Resp: 517870  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.8 11.8  
236 25.4 20.6 31.0

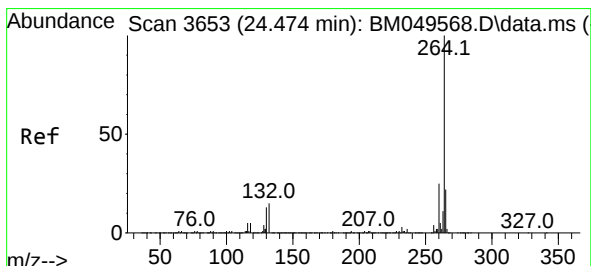
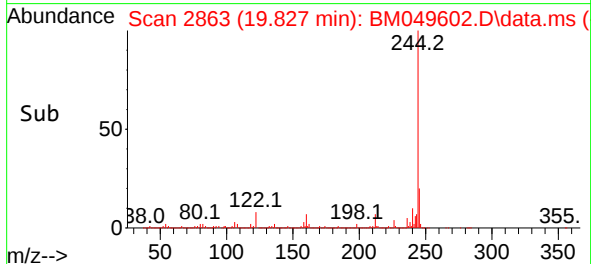
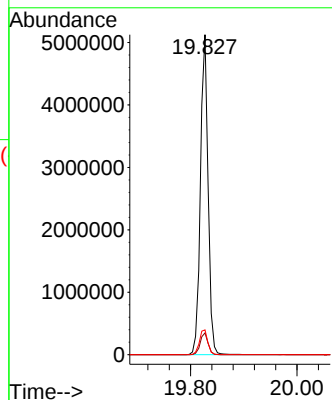
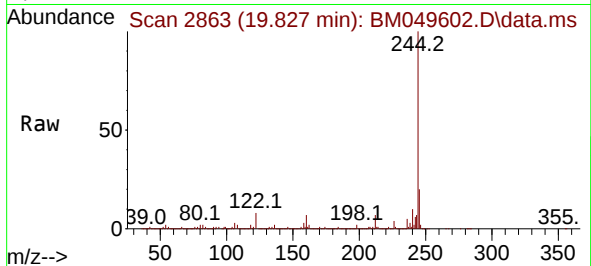




#79  
 Terphenyl-d14  
 Concen: 150.683 ng  
 RT: 19.827 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM049602.D  
 Acq: 07 Feb 2025 14:52

Instrument :  
 BNA\_M  
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 PB166363BL

Tgt Ion:244 Resp: 5110162  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.8 8.6  
 122 7.7 6.2 9.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.462 min Scan# 3651  
 Delta R.T. -0.012 min  
 Lab File: BM049602.D  
 Acq: 07 Feb 2025 14:52

Tgt Ion:264 Resp: 428766  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.8 29.6  
 265 22.3 17.5 26.3

