

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050925\  
 Data File : BM050167.D  
 Acq On : 09 May 2025 20:02  
 Operator : RC/JU  
 Sample : Q1983-30  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-636-COMP-05

Quant Time: May 09 23:37:46 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 08 12:03:21 2025  
 Response via : Initial Calibration

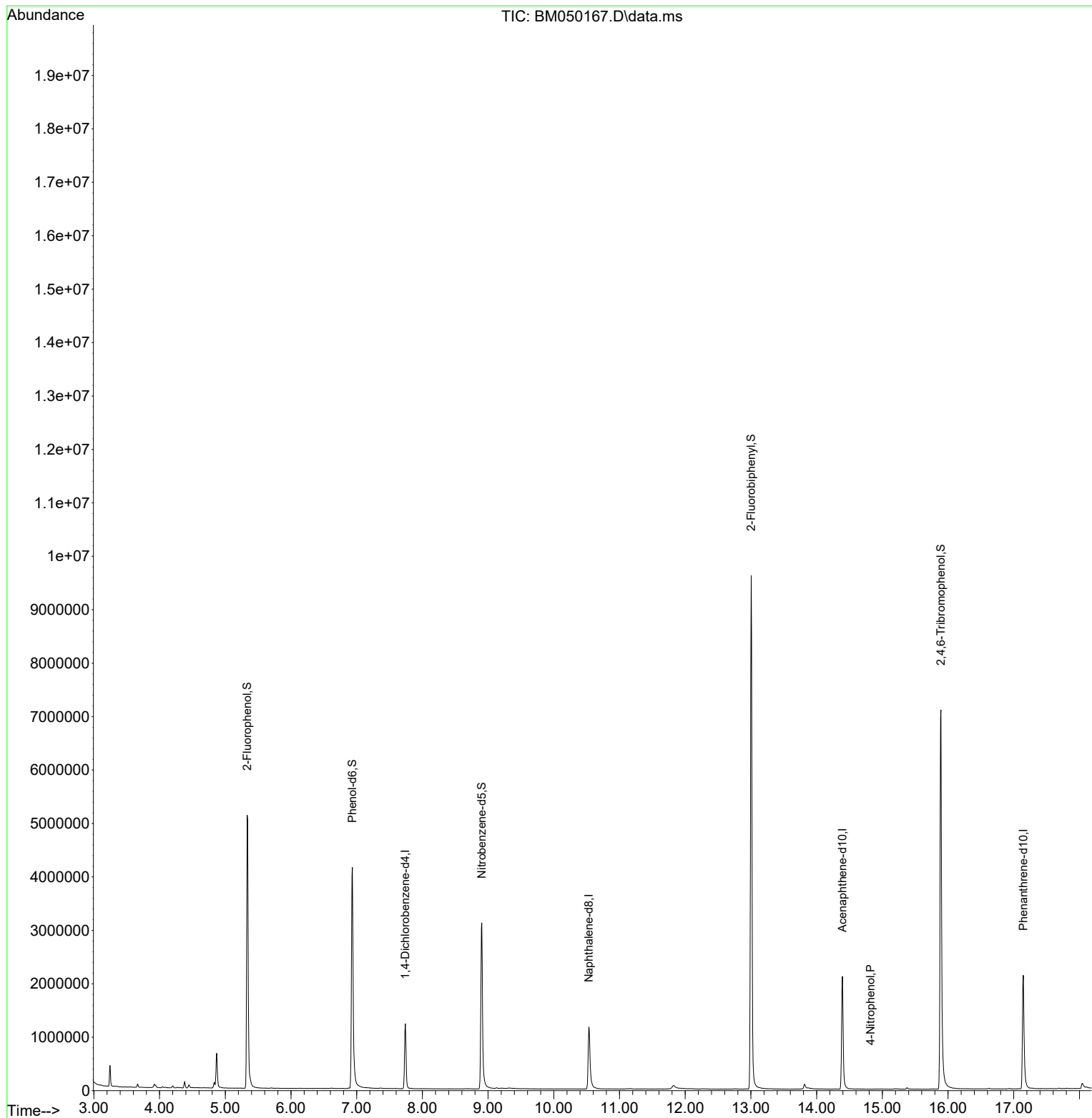
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)    |
|-----------------------------|--------|------|----------|---------|-------|-------------|
| -----                       |        |      |          |         |       |             |
| Internal Standards          |        |      |          |         |       |             |
| 1) 1,4-Dichlorobenzene-d4   | 7.740  | 152  | 360931   | 20.000  | ng    | -0.03       |
| 21) Naphthalene-d8          | 10.534 | 136  | 1300192  | 20.000  | ng    | -0.03       |
| 39) Acenaphthene-d10        | 14.392 | 164  | 886190   | 20.000  | ng    | -0.02       |
| 64) Phenanthrene-d10        | 17.145 | 188  | 1655543  | 20.000  | ng    | -0.01       |
| 76) Chrysene-d12            | 21.392 | 240  | 1065476  | 20.000  | ng    | 0.00        |
| 86) Perylene-d12            | 24.386 | 264  | 1051472  | 20.000  | ng    | -0.02       |
| System Monitoring Compounds |        |      |          |         |       |             |
| 5) 2-Fluorophenol           | 5.334  | 112  | 2579475  | 125.144 | ng    | -0.02       |
| 7) Phenol-d6                | 6.934  | 99   | 2981918  | 115.103 | ng    | -0.02       |
| 23) Nitrobenzene-d5         | 8.904  | 82   | 2128869  | 80.683  | ng    | -0.02       |
| 42) 2,4,6-Tribromophenol    | 15.892 | 330  | 1862336  | 142.125 | ng    | -0.01       |
| 45) 2-Fluorobiphenyl        | 13.004 | 172  | 5781275  | 77.175  | ng    | -0.03       |
| 79) Terphenyl-d14           | 19.762 | 244  | 8330778  | 115.699 | ng    | -0.02       |
| Target Compounds            |        |      |          |         |       |             |
| 56) 4-Nitrophenol           | 14.822 | 139  | 56       | 4.539   | ng    | Qvalue # 11 |
| -----                       |        |      |          |         |       |             |

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

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Sample : Q1983-30  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
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OR-636-COMP-05

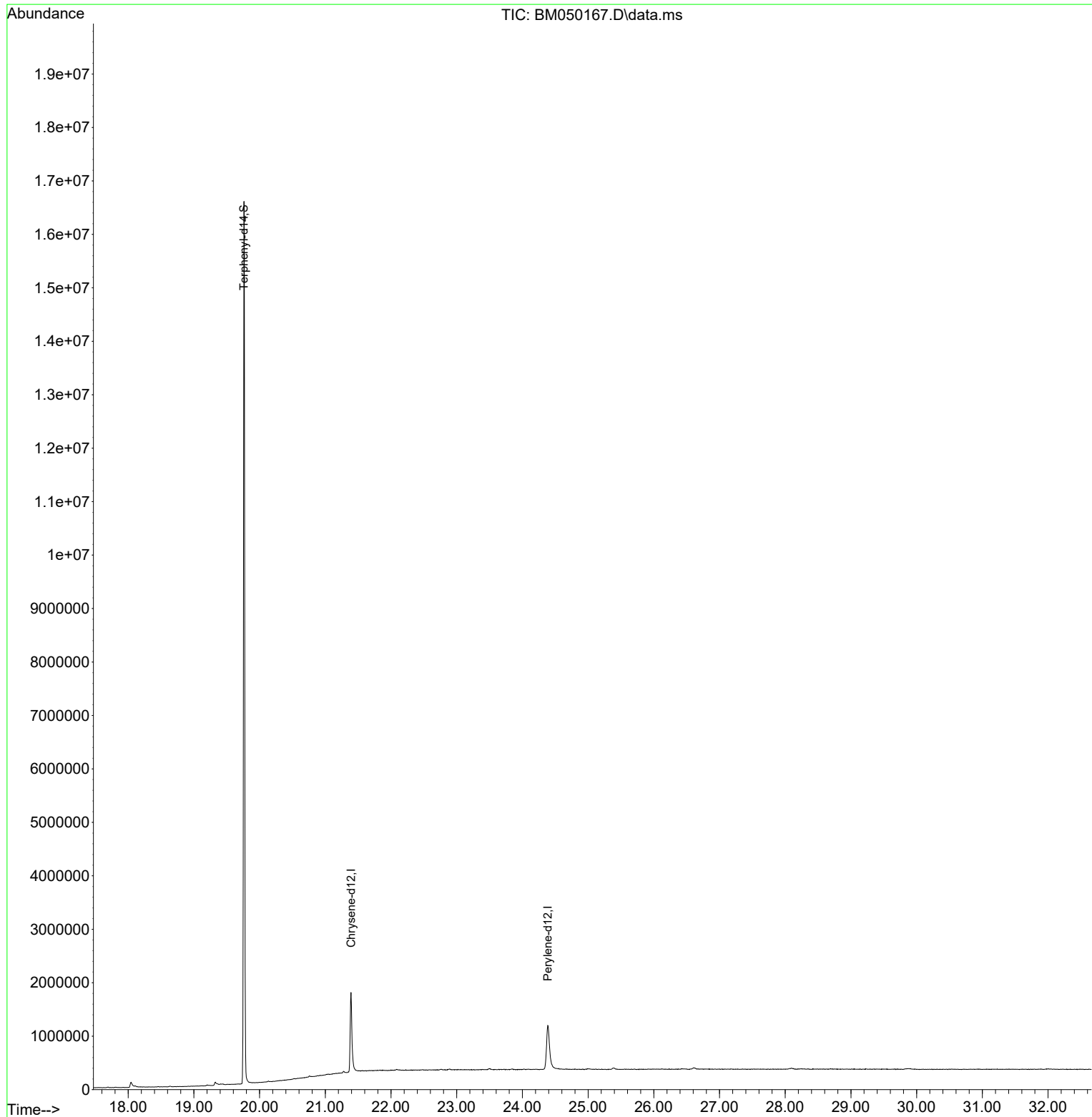
Quant Time: May 09 23:37:46 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 08 12:03:21 2025  
Response via : Initial Calibration

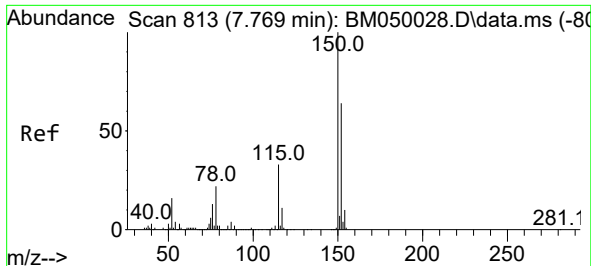


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050925\  
Data File : BM050167.D  
Acq On : 09 May 2025 20:02  
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Quant Time: May 09 23:37:46 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 08 12:03:21 2025  
Response via : Initial Calibration

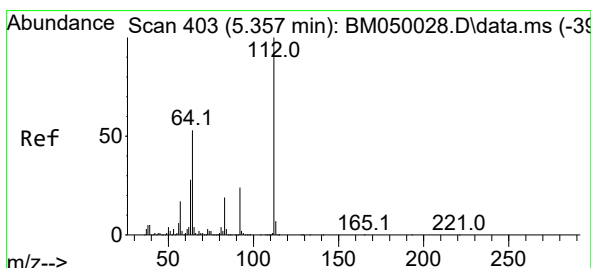
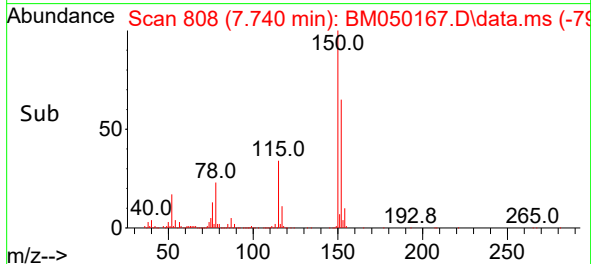
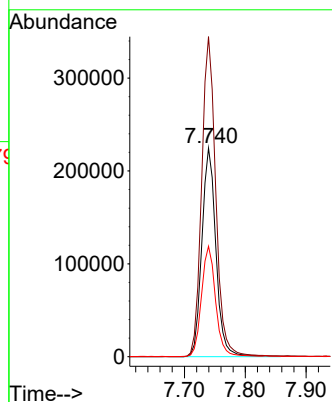
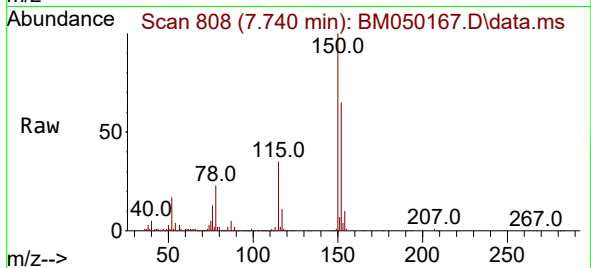




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 80  
Delta R.T. -0.029 min  
Lab File: BM050167.D  
Acq: 09 May 2025 20:02

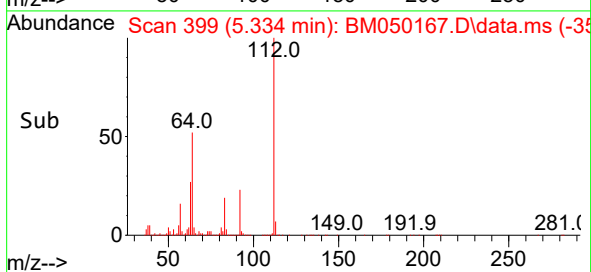
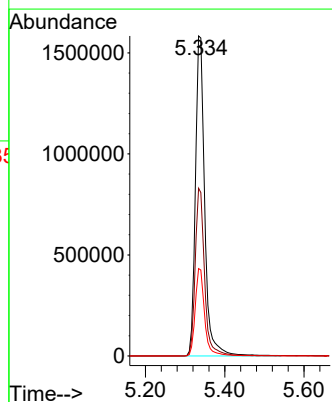
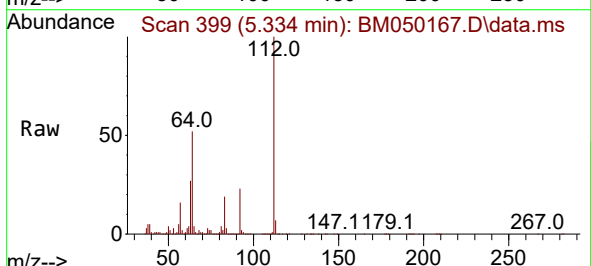
Instrument :  
BNA\_M  
ClientSampleId :  
OR-636-COMP-05

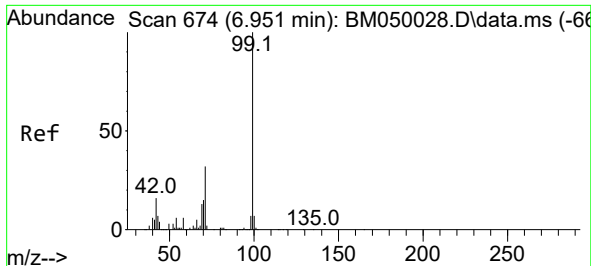
Tgt Ion:152 Resp: 360931  
Ion Ratio Lower Upper  
152 100  
150 153.4 124.1 186.1  
115 53.0 41.2 61.8



#5  
2-Fluorophenol  
Concen: 125.144 ng  
RT: 5.334 min Scan# 399  
Delta R.T. -0.023 min  
Lab File: BM050167.D  
Acq: 09 May 2025 20:02

Tgt Ion:112 Resp: 2579475  
Ion Ratio Lower Upper  
112 100  
64 52.4 42.6 64.0  
63 27.3 22.2 33.4

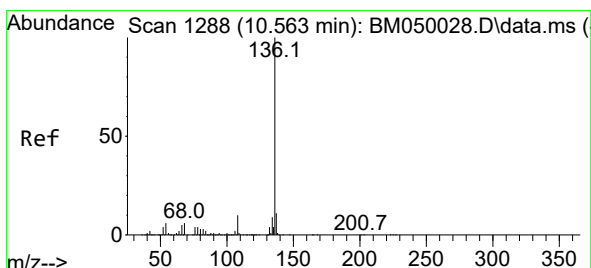
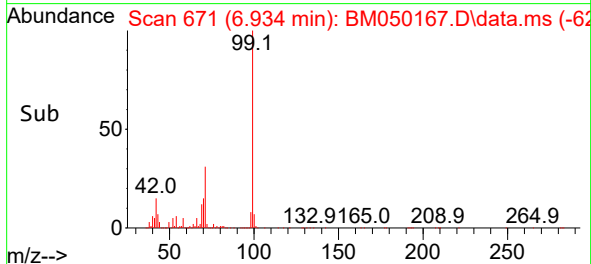
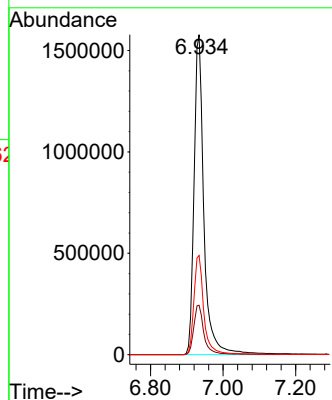
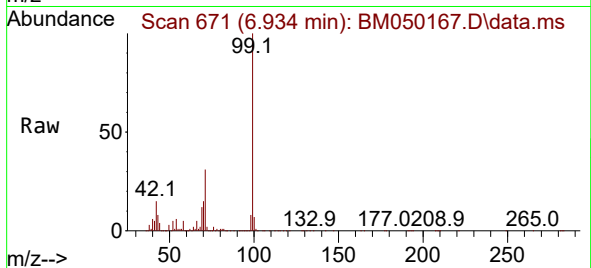




#7  
Phenol-d6  
Concen: 115.103 ng  
RT: 6.934 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM050167.D  
Acq: 09 May 2025 20:02

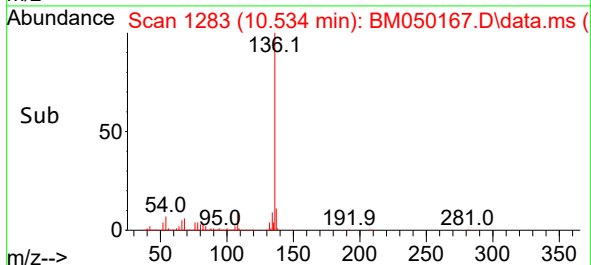
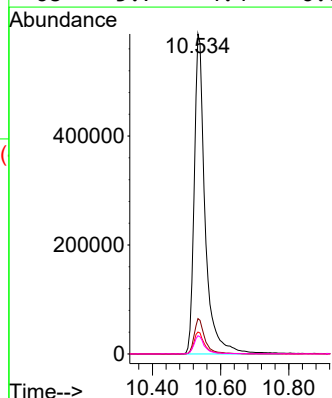
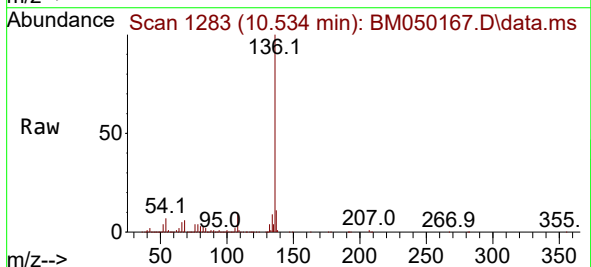
Instrument :  
BNA\_M  
ClientSampleId :  
OR-636-COMP-05

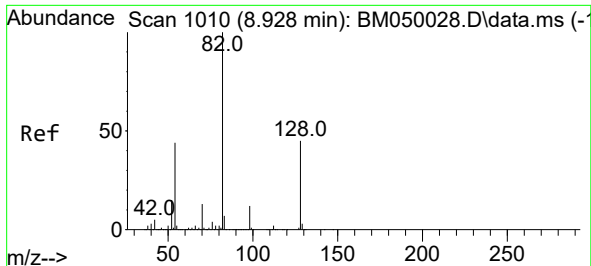
Tgt Ion: 99 Resp: 2981918  
Ion Ratio Lower Upper  
99 100  
42 15.5 13.0 19.4  
71 31.0 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.534 min Scan# 1283  
Delta R.T. -0.029 min  
Lab File: BM050167.D  
Acq: 09 May 2025 20:02

Tgt Ion: 136 Resp: 1300192  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 6.8 5.1 7.7  
68 5.7 4.4 6.6





#23

Nitrobenzene-d5

Concen: 80.683 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.023 min

Lab File: BM050167.D

Acq: 09 May 2025 20:02

Instrument :

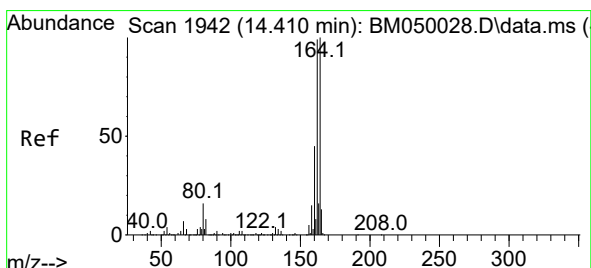
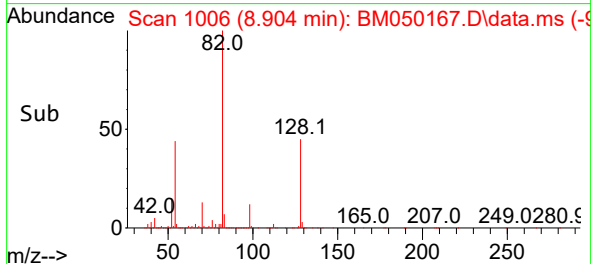
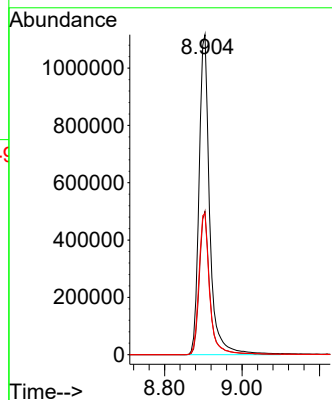
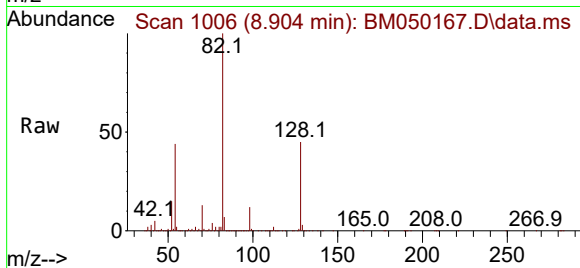
BNA\_M

ClientSampleId :

OR-636-COMP-05

Tgt Ion: 82 Resp: 2128869

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.8  | 35.7  | 53.5  |
| 54  | 44.1  | 35.4  | 53.2  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

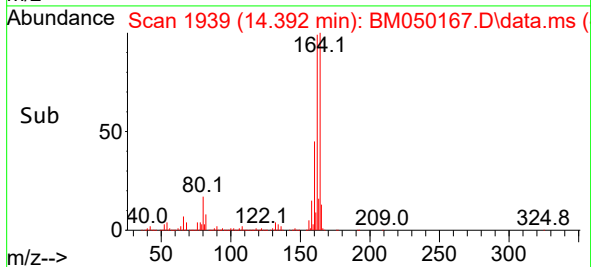
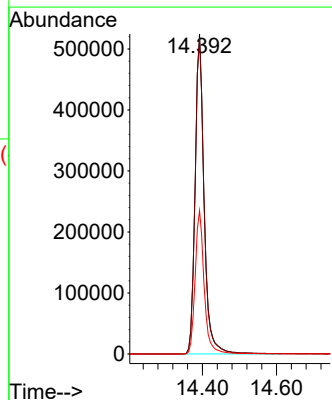
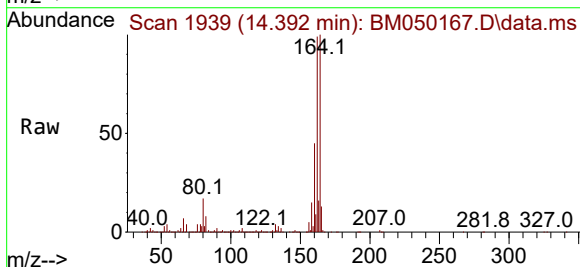
Delta R.T. -0.018 min

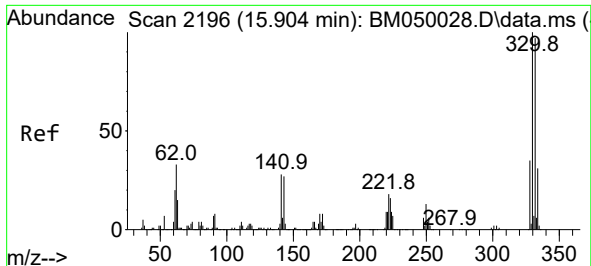
Lab File: BM050167.D

Acq: 09 May 2025 20:02

Tgt Ion: 164 Resp: 886190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 98.6  | 79.4  | 119.0 |
| 160 | 44.8  | 36.2  | 54.4  |





#42

2,4,6-Tribromophenol

Concen: 142.125 ng

RT: 15.892 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050167.D

Acq: 09 May 2025 20:02

Instrument :

BNA\_M

ClientSampleId :

OR-636-COMP-05

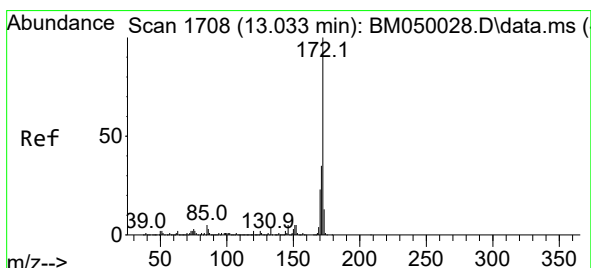
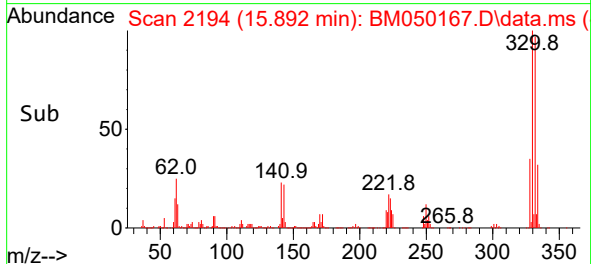
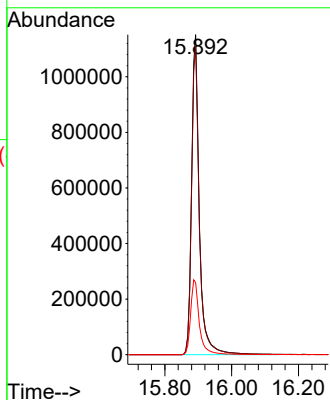
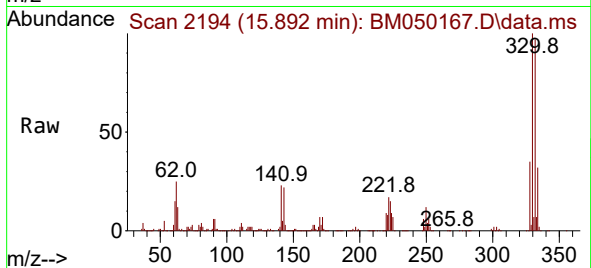
Tgt Ion:330 Resp: 1862336

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 26.5 22.5 33.7



#45

2-Fluorobiphenyl

Concen: 77.175 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.029 min

Lab File: BM050167.D

Acq: 09 May 2025 20:02

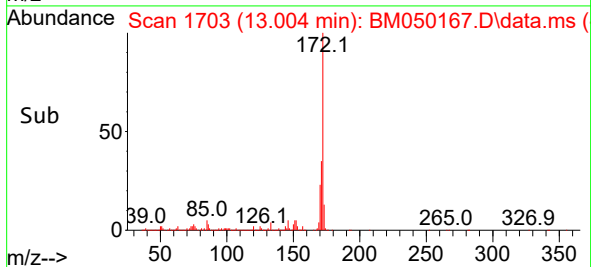
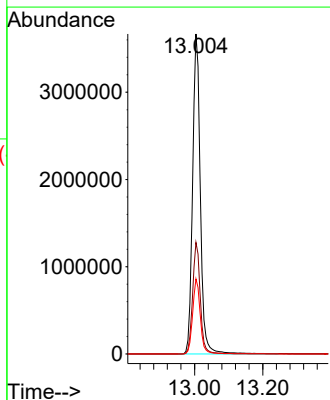
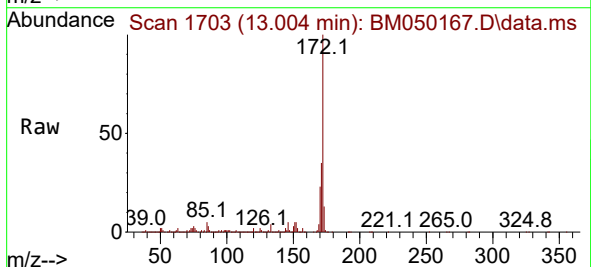
Tgt Ion:172 Resp: 5781275

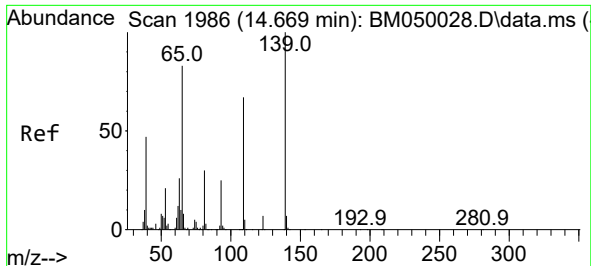
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

170 23.5 18.6 28.0

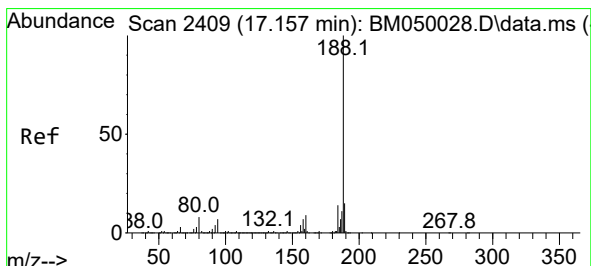
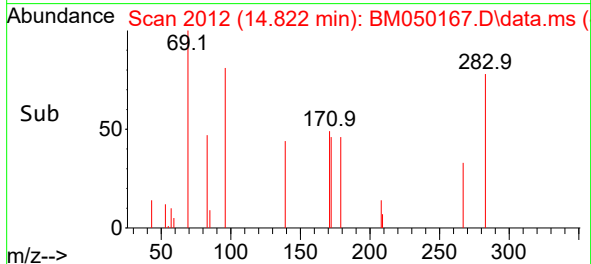
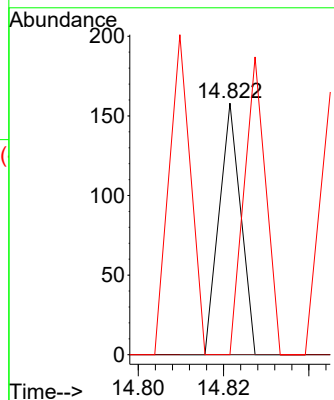
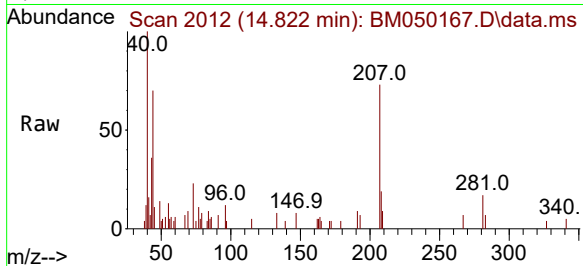




#56  
4-Nitrophenol  
Concen: 4.539 ng  
RT: 14.822 min Scan# 20  
Delta R.T. 0.152 min  
Lab File: BM050167.D  
Acq: 09 May 2025 20:02

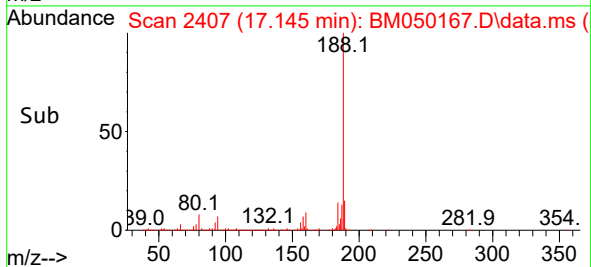
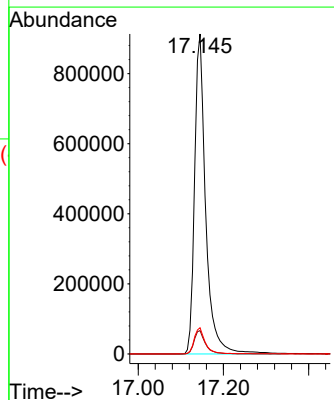
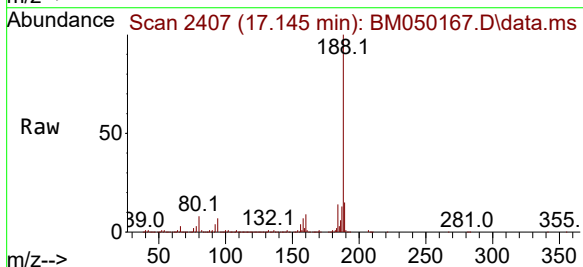
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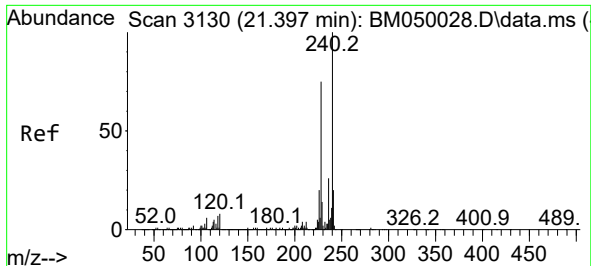
Tgt Ion:139 Resp: 56  
Ion Ratio Lower Upper  
139 100  
109 0.0 47.0 87.0#  
65 0.0 64.3 104.3#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.145 min Scan# 2407  
Delta R.T. -0.012 min  
Lab File: BM050167.D  
Acq: 09 May 2025 20:02

Tgt Ion:188 Resp: 1655543  
Ion Ratio Lower Upper  
188 100  
94 7.3 5.7 8.5  
80 8.2 6.2 9.4

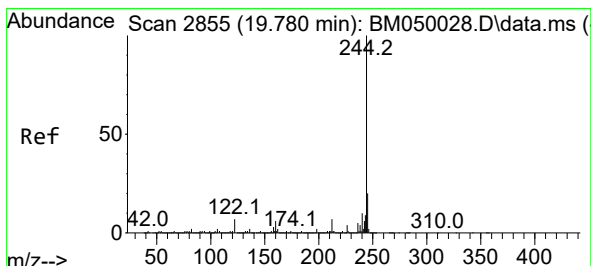
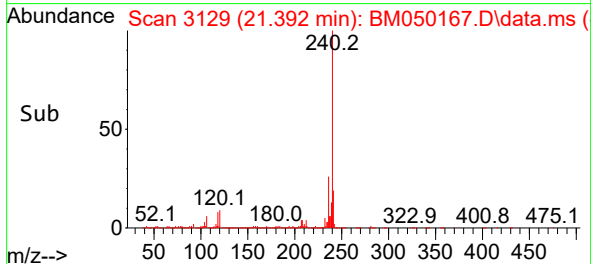
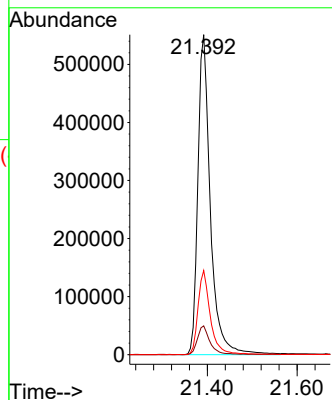
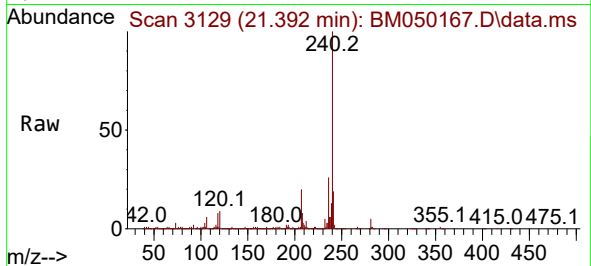




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.392 min Scan# 3130  
Delta R.T. -0.005 min  
Lab File: BM050167.D  
Acq: 09 May 2025 20:02

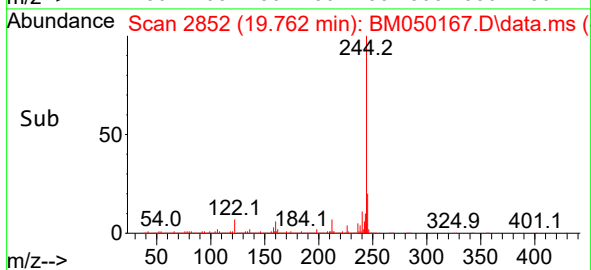
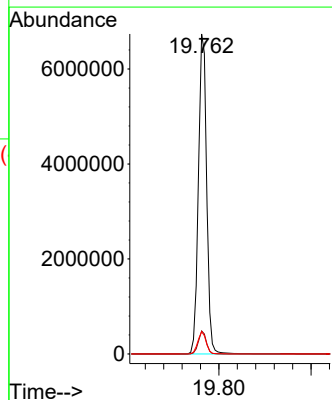
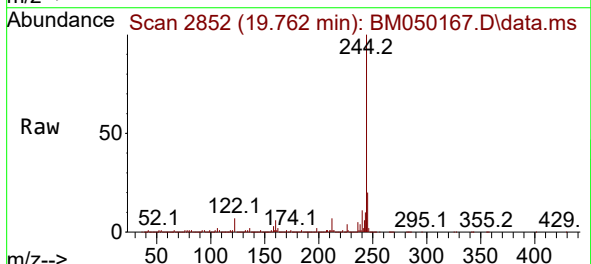
Instrument :  
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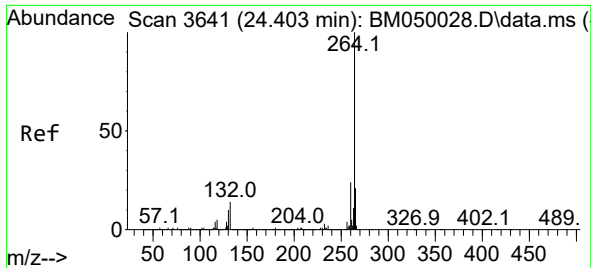
Tgt Ion:240 Resp: 1065476  
Ion Ratio Lower Upper  
240 100  
120 9.0 6.5 9.7  
236 26.3 20.9 31.3



#79  
Terphenyl-d14  
Concen: 115.699 ng  
RT: 19.762 min Scan# 2852  
Delta R.T. -0.018 min  
Lab File: BM050167.D  
Acq: 09 May 2025 20:02

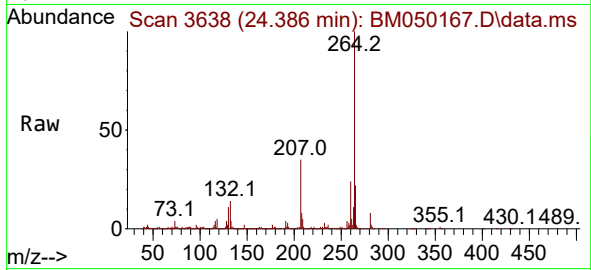
Tgt Ion:244 Resp: 8330778  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.6 8.4  
122 7.0 5.6 8.4





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.386 min Scan# 30  
Delta R.T. -0.018 min  
Lab File: BM050167.D  
Acq: 09 May 2025 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-636-COMP-05



Tgt Ion:264 Resp: 1051472  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.8 28.2  
265 21.5 17.0 25.4

