

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050825\  
 Data File : BM050152.D  
 Acq On : 08 May 2025 18:37  
 Operator : RC/JU  
 Sample : Q1976-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 VNJ-207

Quant Time: May 09 01:55:45 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

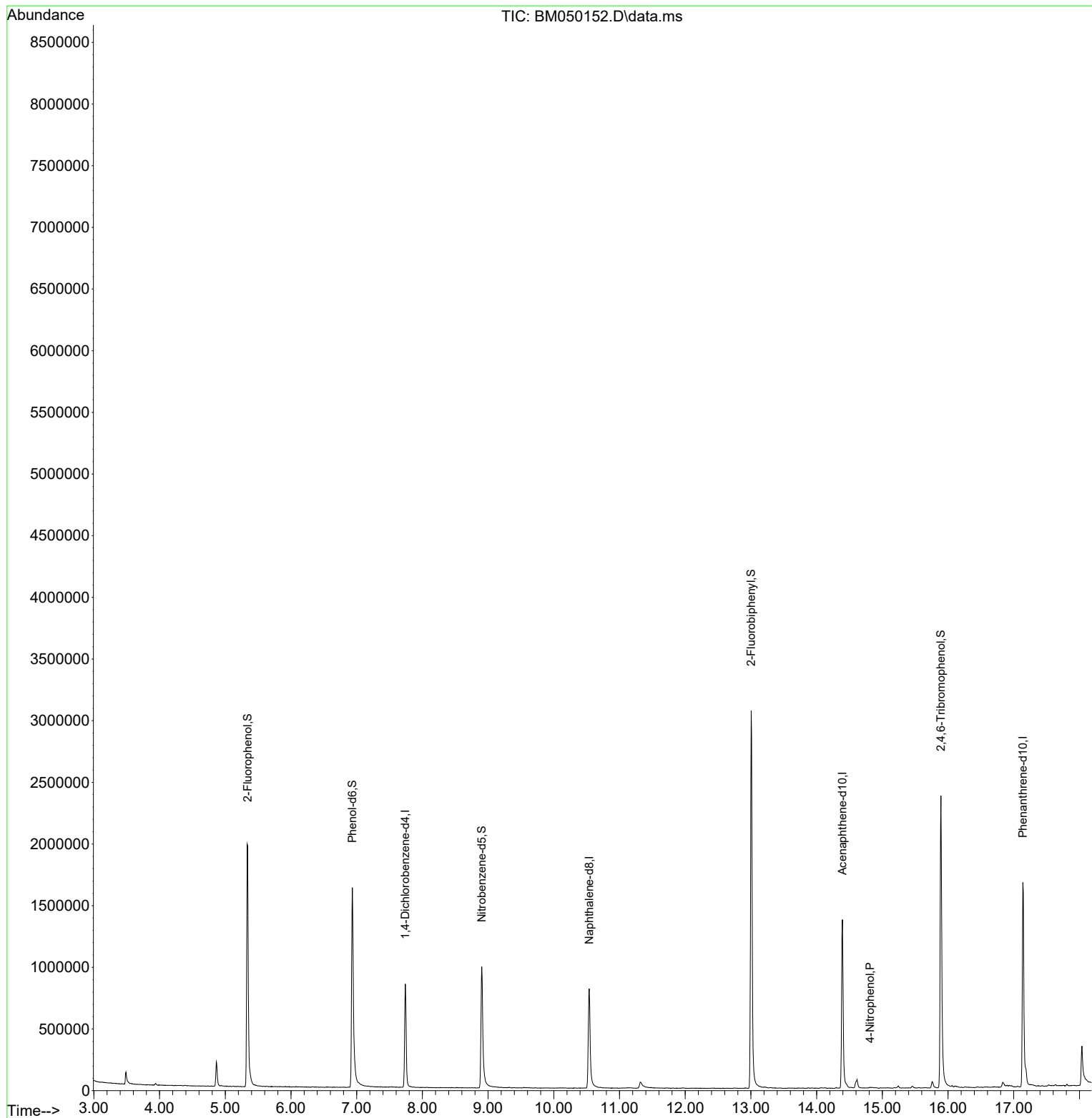
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.739  | 152  | 255344   | 20.000 | ng    | -0.03    |
| 21) Naphthalene-d8          | 10.539 | 136  | 882443   | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.392 | 164  | 575171   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.139 | 188  | 1150774  | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.380 | 240  | 1173759  | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 24.374 | 264  | 1247644  | 20.000 | ng    | -0.03    |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.340  | 112  | 1048643  | 71.913 | ng    | -0.02    |
| 7) Phenol-d6                | 6.934  | 99   | 1271964  | 69.401 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.904  | 82   | 759554   | 42.414 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.892 | 330  | 593003   | 69.727 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.004 | 172  | 1971304  | 40.545 | ng    | -0.03    |
| 79) Terphenyl-d14           | 19.762 | 244  | 3333459  | 42.024 | ng    | -0.02    |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 56) 4-Nitrophenol           | 14.815 | 139  | 2396     | 4.868  | ng    | # 21     |
| -----                       |        |      |          |        |       |          |

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

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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
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VNJ-207

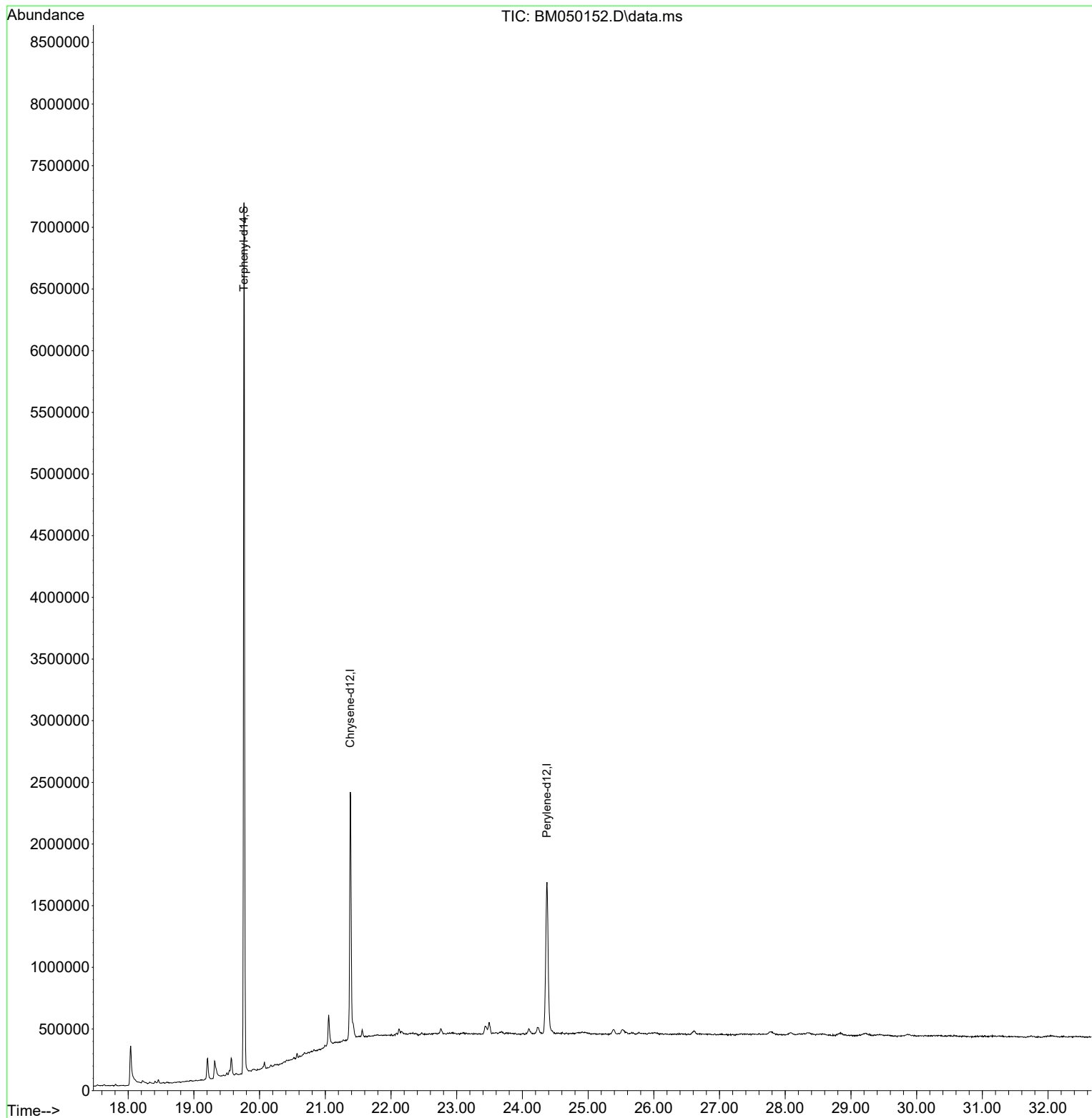
Quant Time: May 09 01:55:45 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 08 12:03:21 2025  
Response via : Initial Calibration

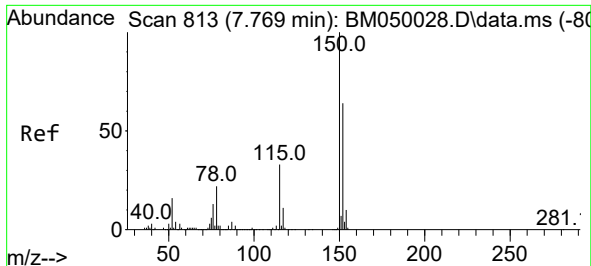


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050825\  
Data File : BM050152.D  
Acq On : 08 May 2025 18:37  
Operator : RC/JU  
Sample : Q1976-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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Quant Time: May 09 01:55:45 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

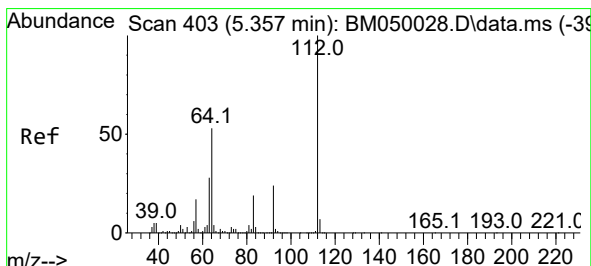
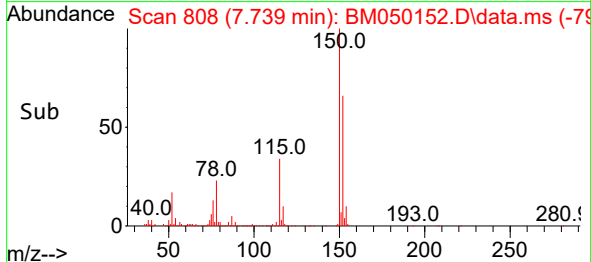
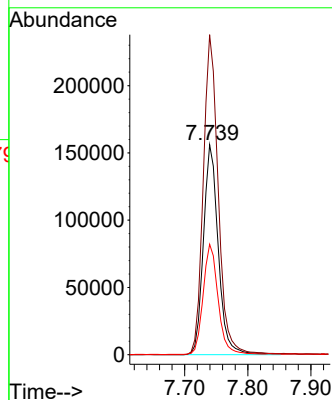
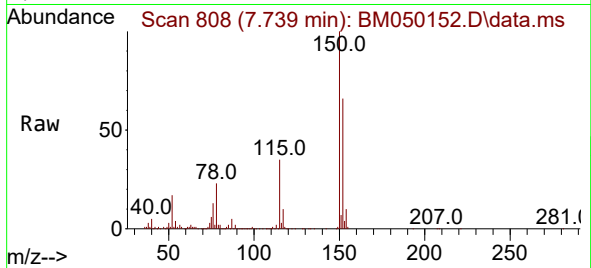




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.739 min Scan# 80  
Delta R.T. -0.030 min  
Lab File: BM050152.D  
Acq: 08 May 2025 18:37

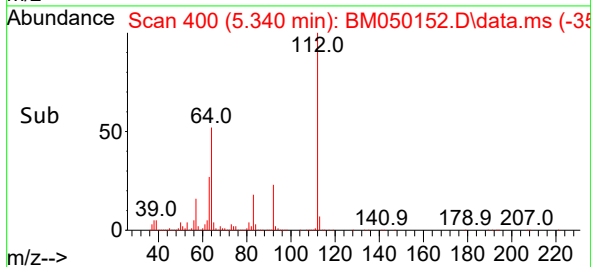
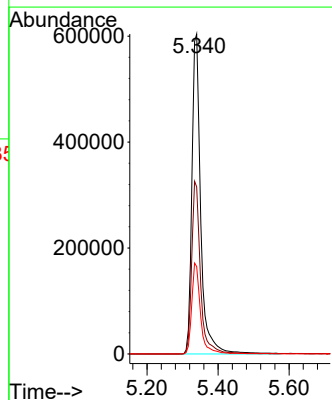
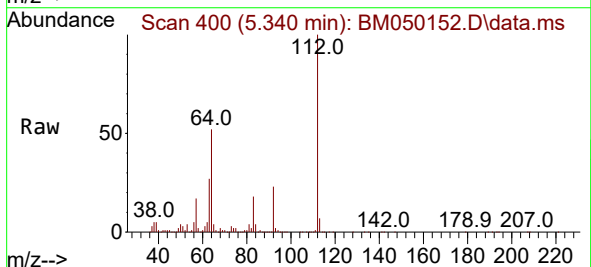
Instrument :  
BNA\_M  
ClientSampleId :  
VNJ-207

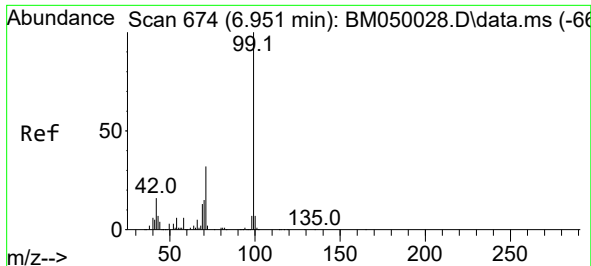
Tgt Ion:152 Resp: 255344  
Ion Ratio Lower Upper  
152 100  
150 152.4 124.1 186.1  
115 52.6 41.2 61.8



#5  
2-Fluorophenol  
Concen: 71.913 ng  
RT: 5.340 min Scan# 400  
Delta R.T. -0.018 min  
Lab File: BM050152.D  
Acq: 08 May 2025 18:37

Tgt Ion:112 Resp: 1048643  
Ion Ratio Lower Upper  
112 100  
64 52.2 42.6 64.0  
63 27.3 22.2 33.4

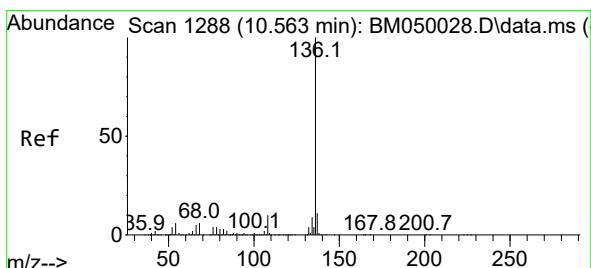
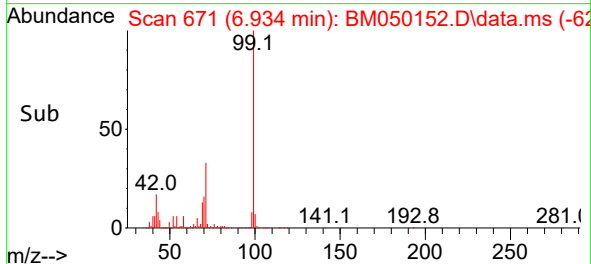
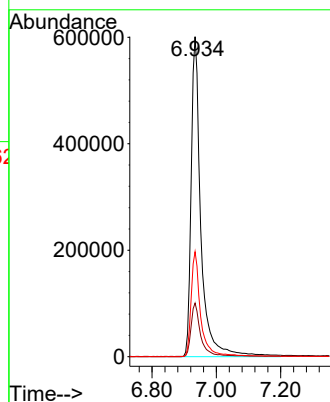
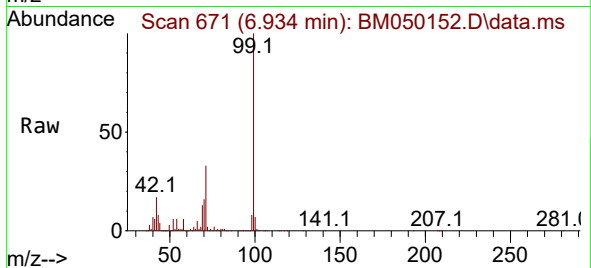




#7  
Phenol-d6  
Concen: 69.401 ng  
RT: 6.934 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM050152.D  
Acq: 08 May 2025 18:37

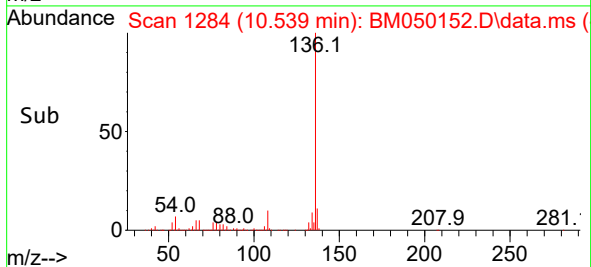
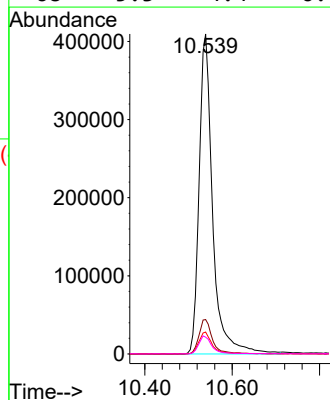
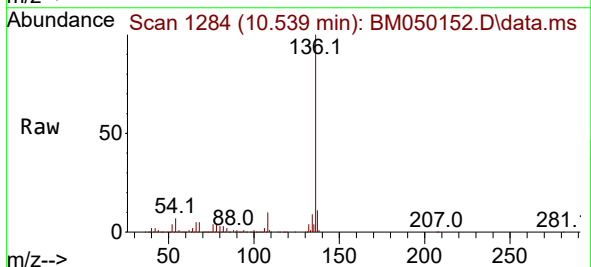
Instrument :  
BNA\_M  
ClientSampleId :  
VNJ-207

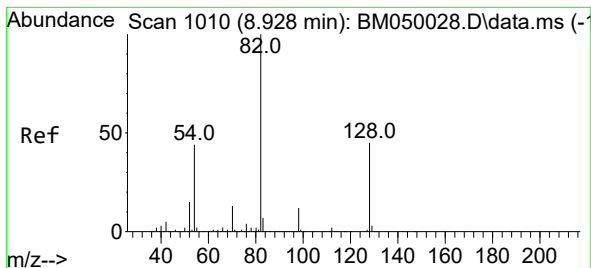
Tgt Ion: 99 Resp: 1271964  
Ion Ratio Lower Upper  
99 100  
42 16.8 13.0 19.4  
71 32.8 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.539 min Scan# 1284  
Delta R.T. -0.024 min  
Lab File: BM050152.D  
Acq: 08 May 2025 18:37

Tgt Ion: 136 Resp: 882443  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 6.9 5.1 7.7  
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 42.414 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.024 min

Lab File: BM050152.D

Acq: 08 May 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

VNJ-207

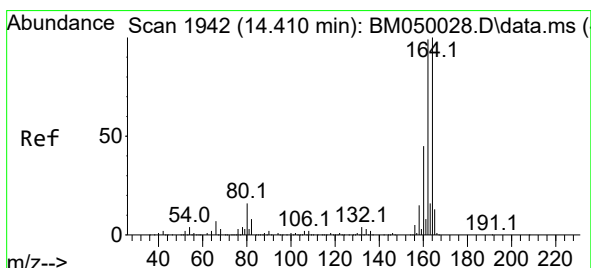
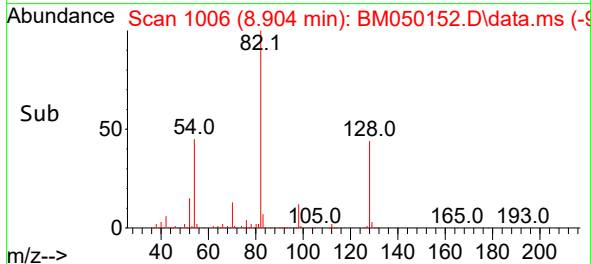
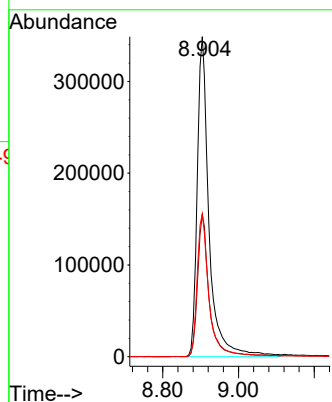
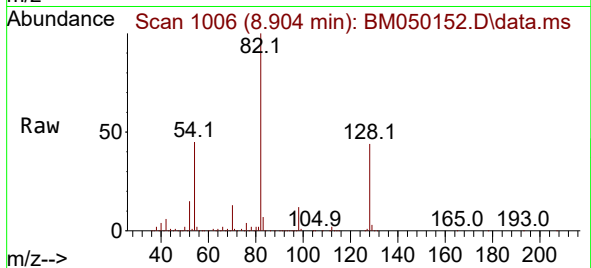
Tgt Ion: 82 Resp: 759554

Ion Ratio Lower Upper

82 100

128 44.3 35.7 53.5

54 44.7 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: BM050152.D

Acq: 08 May 2025 18:37

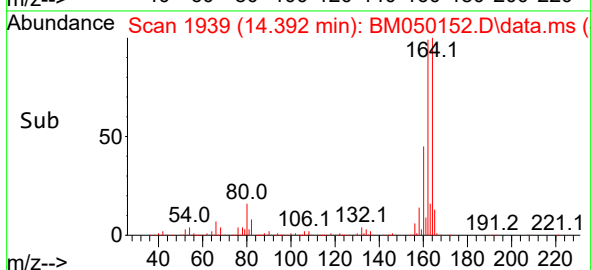
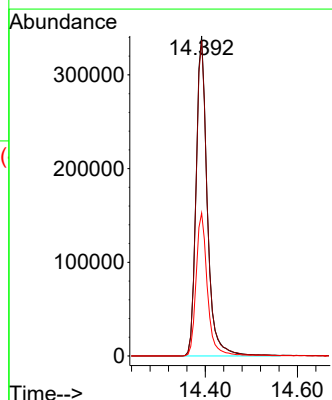
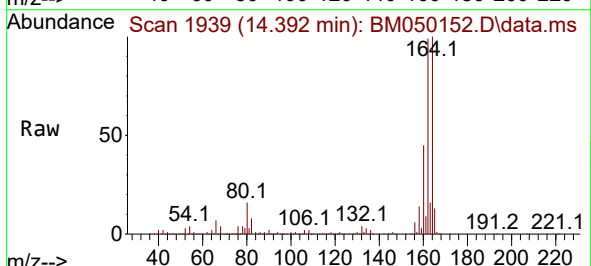
Tgt Ion: 164 Resp: 575171

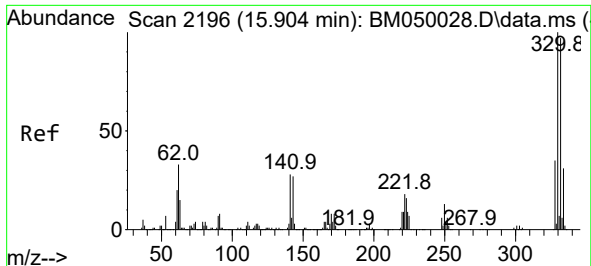
Ion Ratio Lower Upper

164 100

162 98.5 79.4 119.0

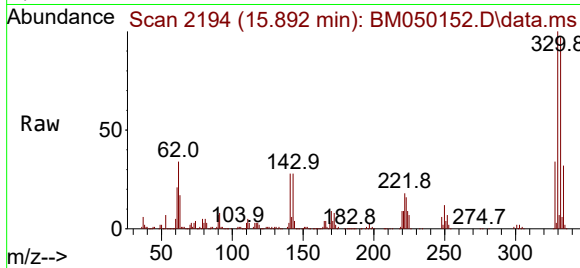
160 44.7 36.2 54.4



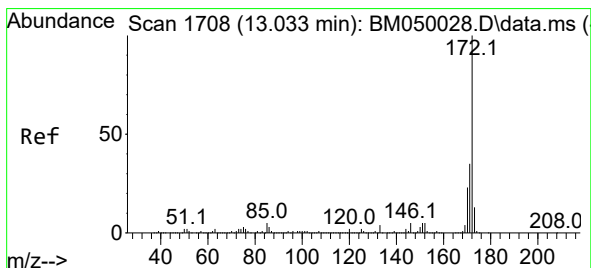
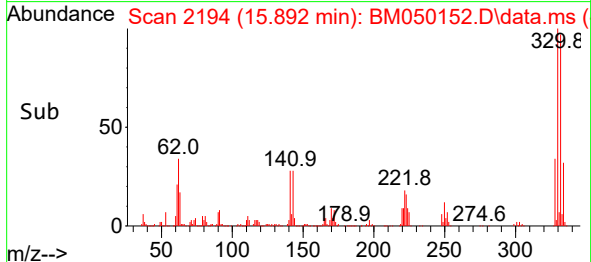
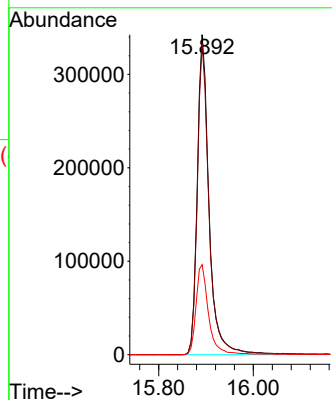


#42  
2,4,6-Tribromophenol  
Concen: 69.727 ng  
RT: 15.892 min Scan# 2196  
Delta R.T. -0.012 min  
Lab File: BM050152.D  
Acq: 08 May 2025 18:37

Instrument :  
BNA\_M  
ClientSampleId :  
VNJ-207

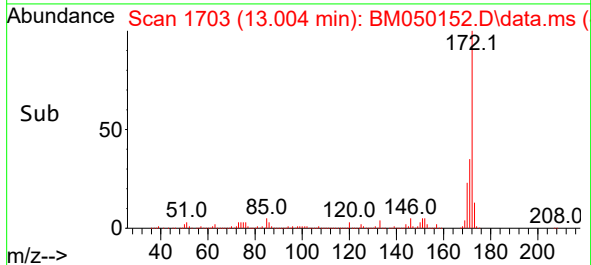
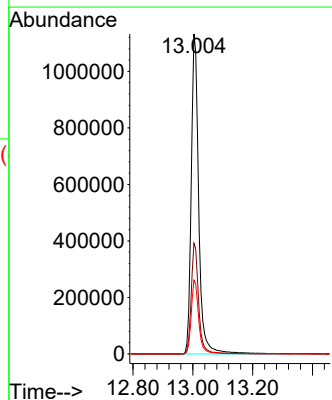
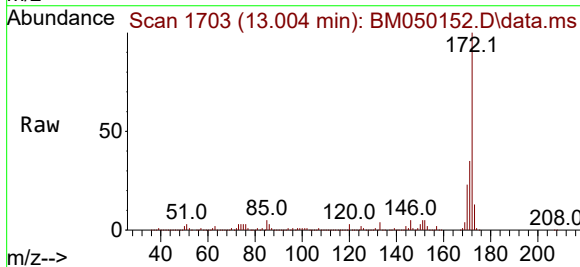


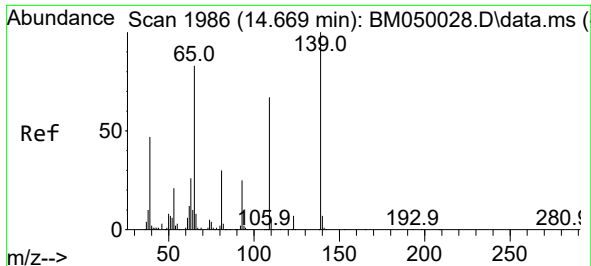
Tgt Ion:330 Resp: 593003  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.3 115.9  
141 30.1 22.5 33.7



#45  
2-Fluorobiphenyl  
Concen: 40.545 ng  
RT: 13.004 min Scan# 1703  
Delta R.T. -0.030 min  
Lab File: BM050152.D  
Acq: 08 May 2025 18:37

Tgt Ion:172 Resp: 1971304  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.8 41.6  
170 23.1 18.6 28.0

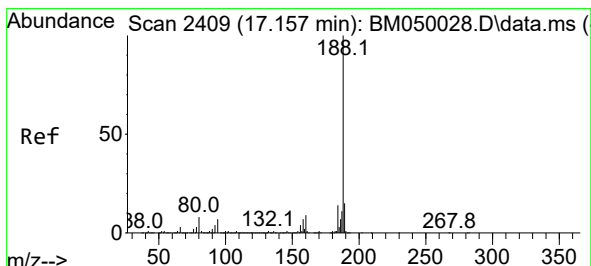
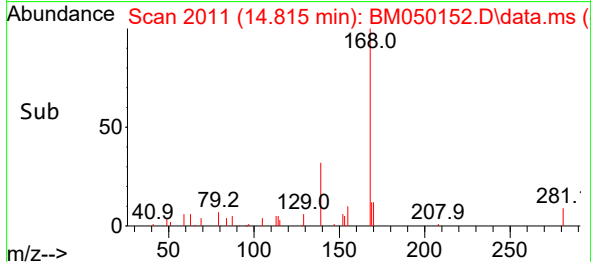
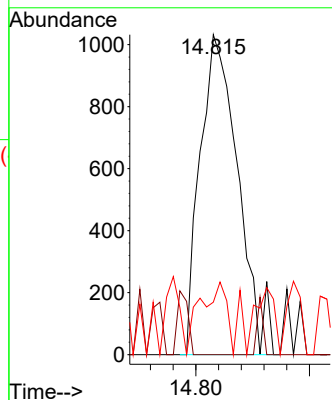
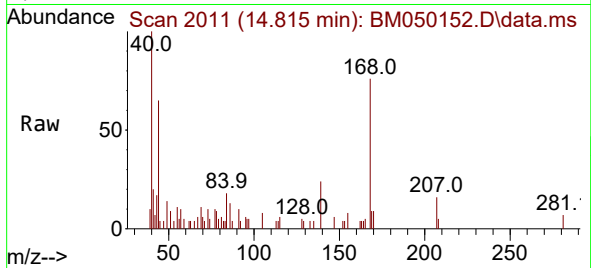




#56  
4-Nitrophenol  
Concen: 4.868 ng  
RT: 14.815 min Scan# 2011  
Delta R.T. 0.146 min  
Lab File: BM050152.D  
Acq: 08 May 2025 18:37

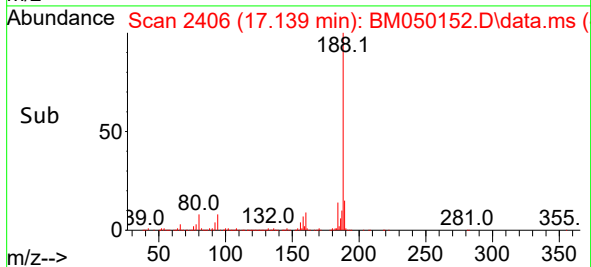
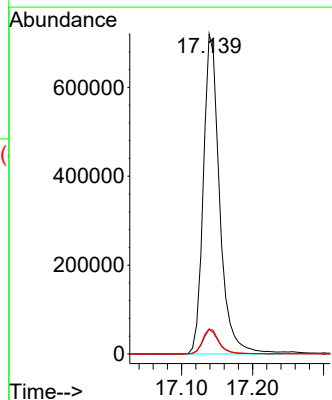
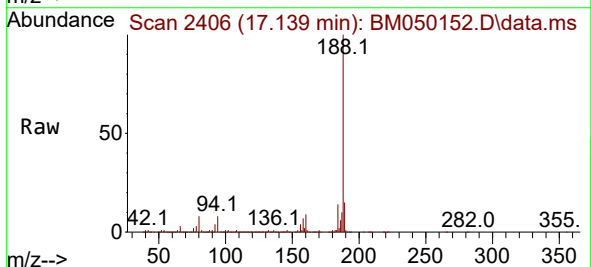
Instrument :  
BNA\_M  
ClientSampleId :  
VNJ-207

Tgt Ion:139 Resp: 2396  
Ion Ratio Lower Upper  
139 100  
109 0.0 47.0 87.0#  
65 16.4 64.3 104.3#

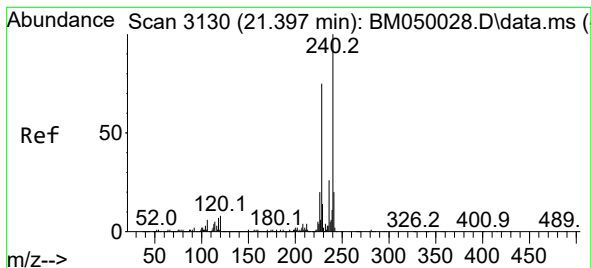


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.139 min Scan# 2406  
Delta R.T. -0.018 min  
Lab File: BM050152.D  
Acq: 08 May 2025 18:37

Tgt Ion:188 Resp: 1150774  
Ion Ratio Lower Upper  
188 100  
94 7.7 5.7 8.5  
80 7.9 6.2 9.4







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM050152.D

Acq: 08 May 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

VNJ-207

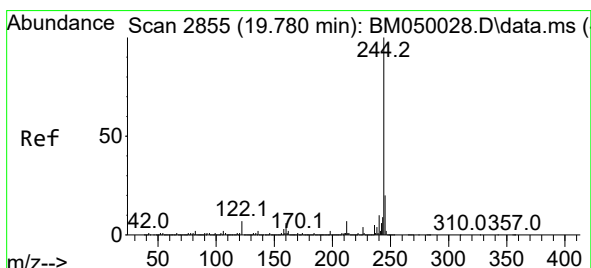
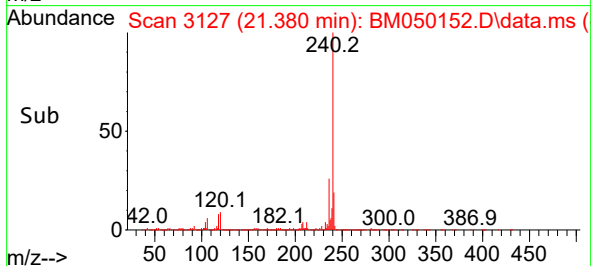
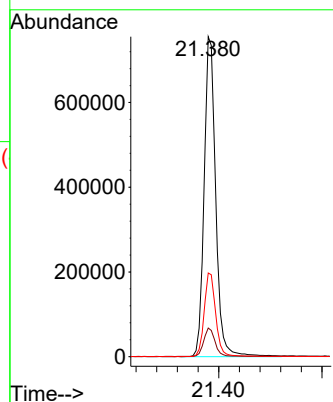
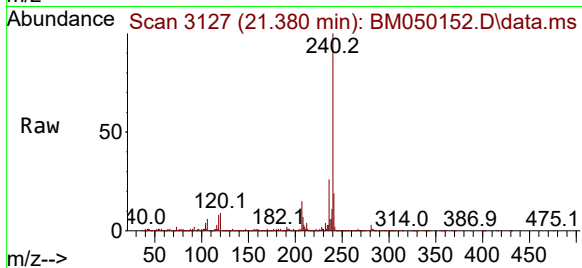
Tgt Ion:240 Resp: 1173759

Ion Ratio Lower Upper

240 100

120 8.9 6.5 9.7

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 42.024 ng

RT: 19.762 min Scan# 2852

Delta R.T. -0.018 min

Lab File: BM050152.D

Acq: 08 May 2025 18:37

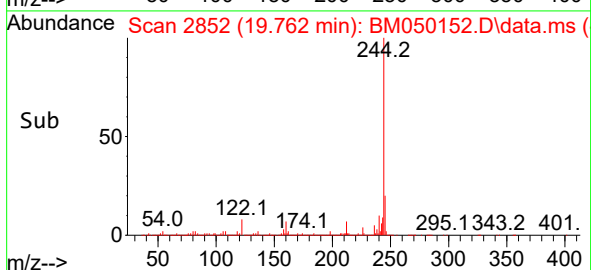
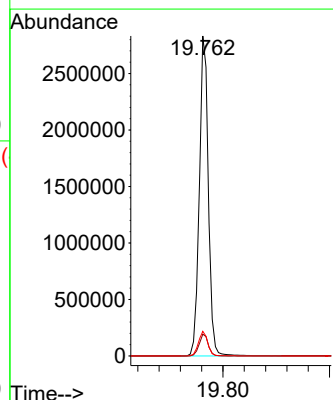
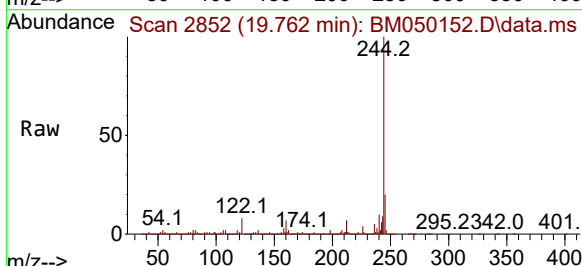
Tgt Ion:244 Resp: 3333459

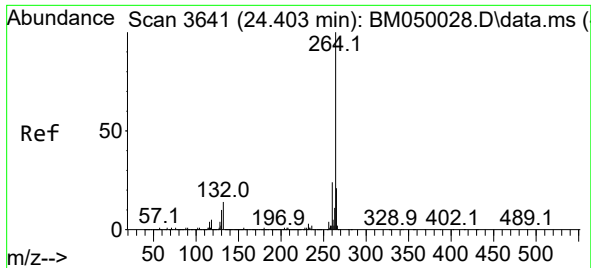
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 7.7 5.6 8.4





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.374 min Scan# 30  
Delta R.T. -0.030 min  
Lab File: BM050152.D  
Acq: 08 May 2025 18:37

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Tgt Ion:264 Resp: 1247644  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.8  | 28.2  |
| 265 | 21.4  | 17.0  | 25.4  |

