

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060625\  
 Data File : BM050216.D  
 Acq On : 06 Jun 2025 16:06  
 Operator : RC/JU  
 Sample : Q2207-09  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BU-703-COMP-01

Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli

06/09/2025  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: Jun 06 16:54:05 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 05 16:20:25 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 289452   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.575 | 136  | 1124813  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.416 | 164  | 638368   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.151 | 188  | 1162706  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.380 | 240  | 1061848  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.362 | 264  | 1128394  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 2181497  | 125.722 | ng    | 0.00     |
| 7) Phenol-d6                | 6.951  | 99   | 2599499  | 113.804 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.934  | 82   | 1742254  | 80.557  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.892 | 330  | 925629   | 127.480 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.039 | 172  | 3623948  | 76.857  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.774 | 244  | 4374976  | 78.078  | ng    | -0.01    |
| Target Compounds            |        |      |          |         |       |          |
| 32) Benzoic acid            | 9.792  | 122  | 27885m   | 2.543   | ng    | Qvalue   |
| -----                       |        |      |          |         |       |          |

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

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Data File : BM050216.D  
Acq On : 06 Jun 2025 16:06  
Operator : RC/JU  
Sample : Q2207-09  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BU-703-COMP-01

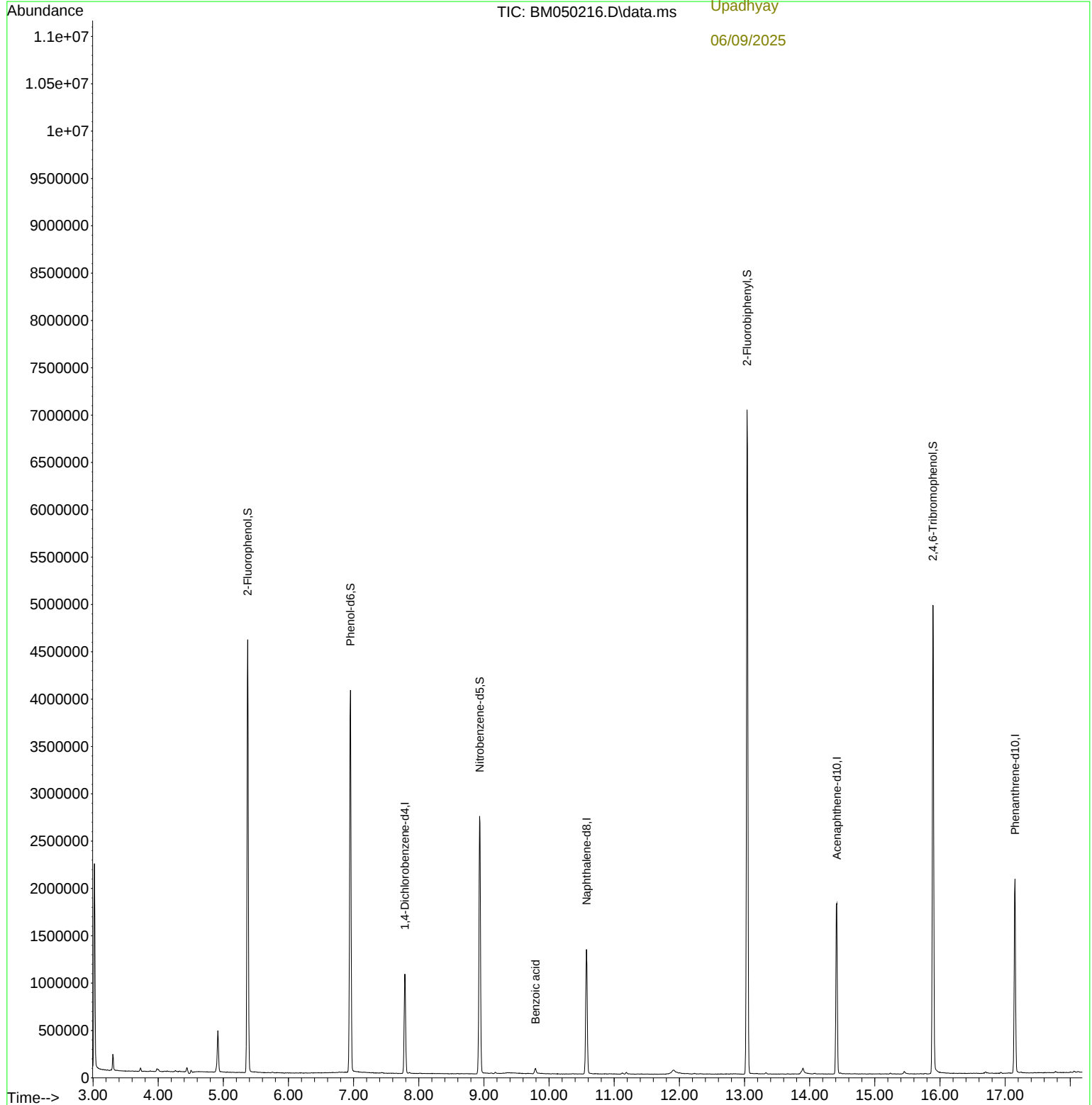
Manual Integrations  
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Reviewed By :Rahul  
Chavli

06/09/2025  
Supervised By :Jagrut  
Upadhyay

06/09/2025

Quant Time: Jun 06 16:54:05 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 05 16:20:25 2025  
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060625\  
Data File : BM050216.D  
Acq On : 06 Jun 2025 16:06  
Operator : RC/JU  
Sample : Q2207-09  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

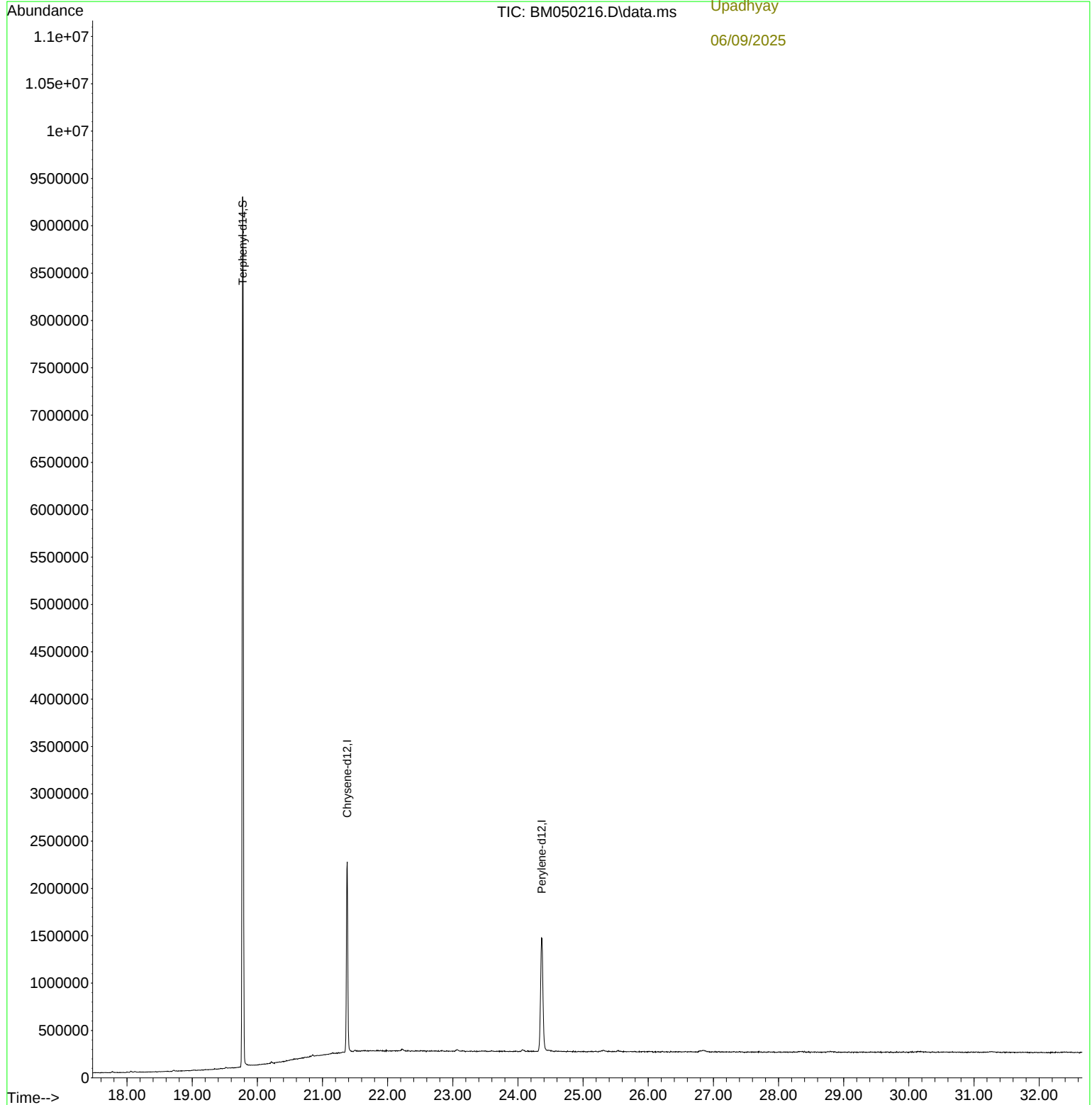
Instrument :  
BNA\_M  
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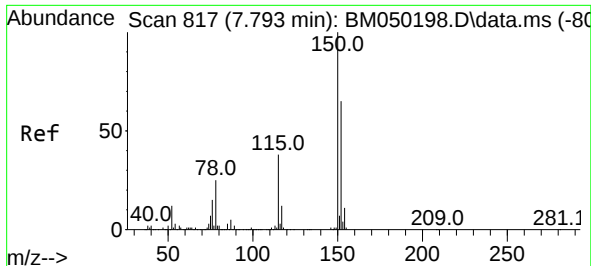
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Upadhyay

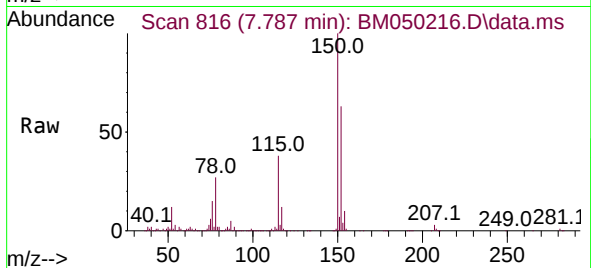
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

Instrument :  
BNA\_M  
ClientSampleId :  
BU-703-COMP-01



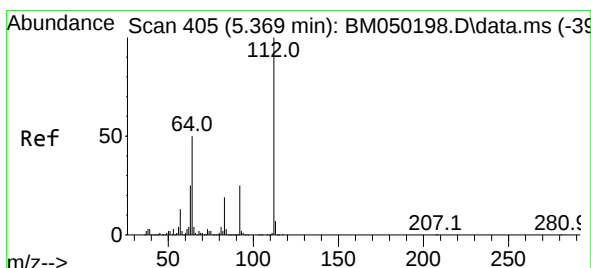
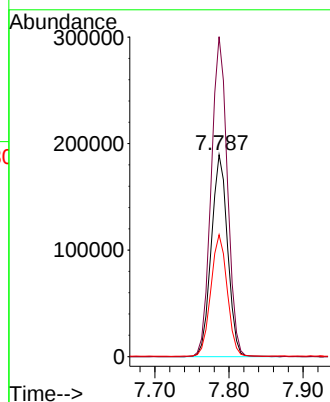
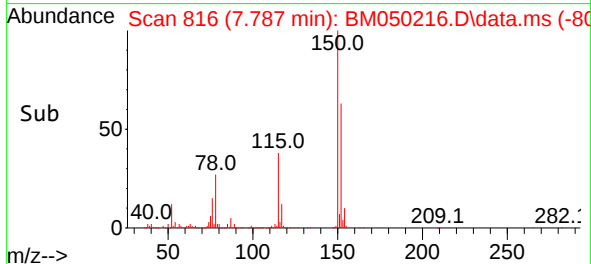
Tgt Ion:152 Resp: 289452  
Ion Ratio Lower Upper  
152 100  
150 158.5 122.2 183.4  
115 60.3 46.3 69.5

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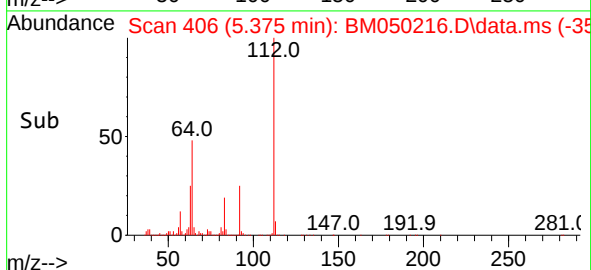
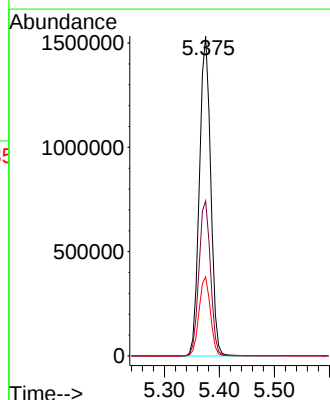
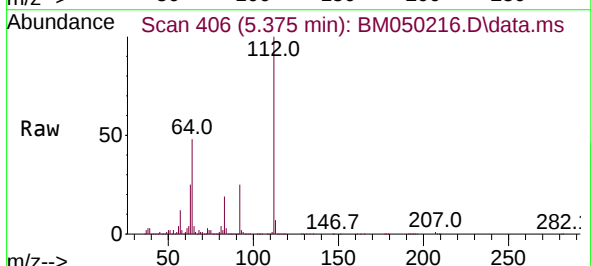
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Upadhyay

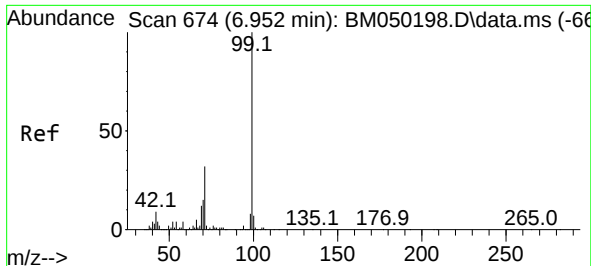
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#5  
2-Fluorophenol  
Concen: 125.722 ng  
RT: 5.375 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

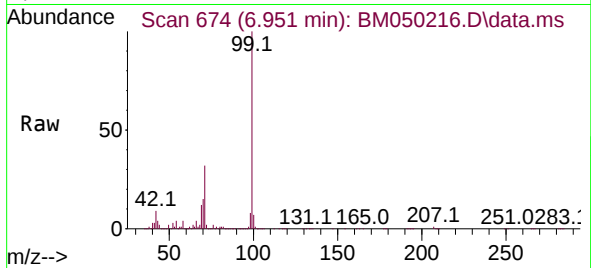
Tgt Ion:112 Resp: 2181497  
Ion Ratio Lower Upper  
112 100  
64 48.4 39.8 59.6  
63 24.7 19.8 29.8





#7  
Phenol-d6  
Concen: 113.804 ng  
RT: 6.951 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

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BNA\_M  
ClientSampleId :  
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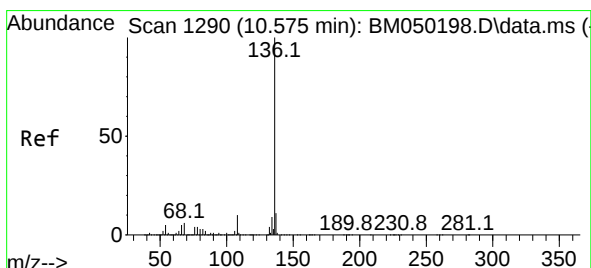
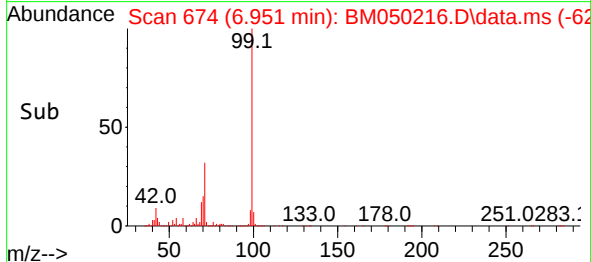
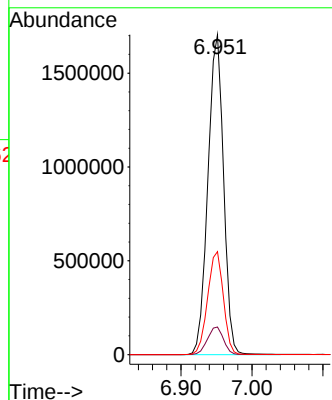
Tgt Ion: 99 Resp: 2599499  
Ion Ratio Lower Upper  
99 100  
42 8.6 6.9 10.3  
71 32.2 25.3 37.9

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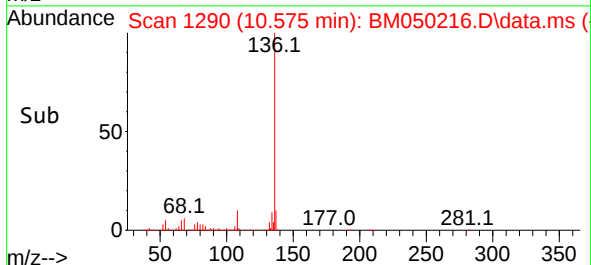
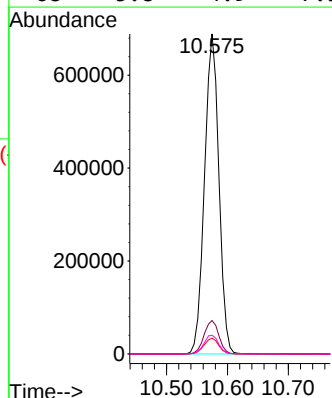
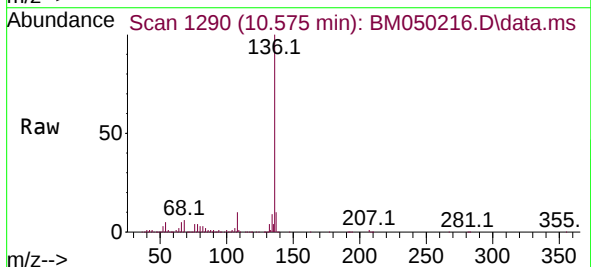
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Upadhyay

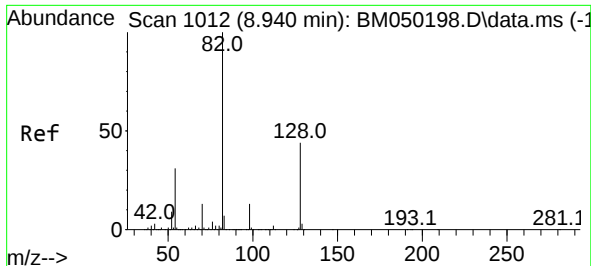
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#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.575 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

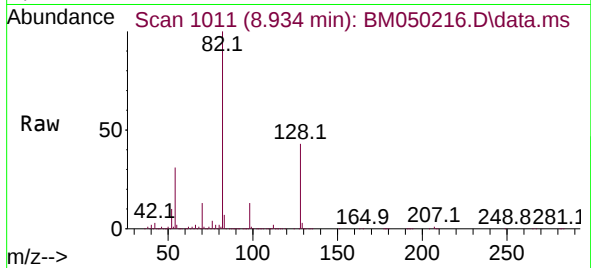
Tgt Ion:136 Resp: 1124813  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 4.9 3.8 5.8  
68 5.8 4.9 7.3





#23  
Nitrobenzene-d5  
Concen: 80.557 ng  
RT: 8.934 min Scan# 1012  
Delta R.T. -0.012 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

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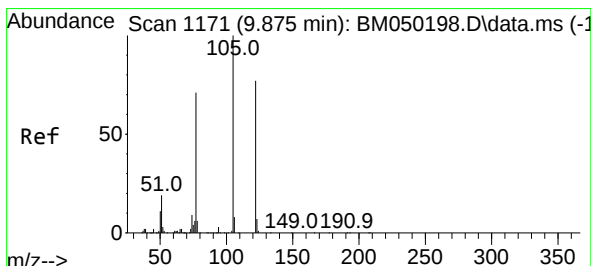
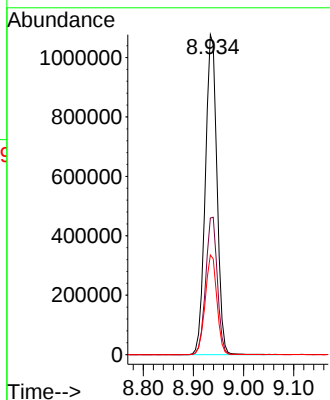
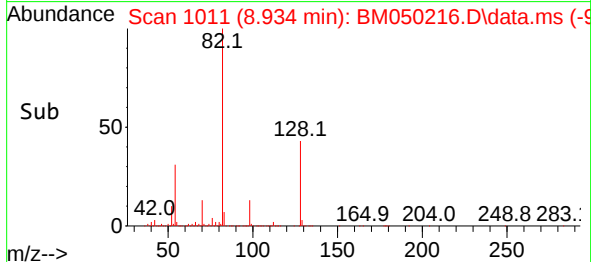
Tgt Ion: 82 Resp: 1742254  
Ion Ratio Lower Upper  
82 100  
128 42.7 35.2 52.8  
54 31.1 24.5 36.7

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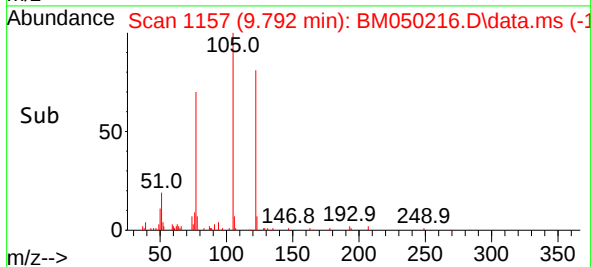
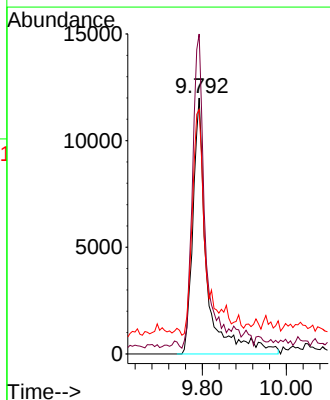
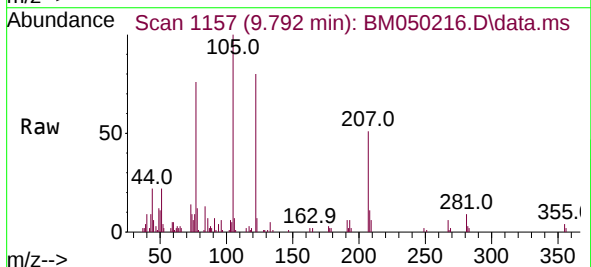
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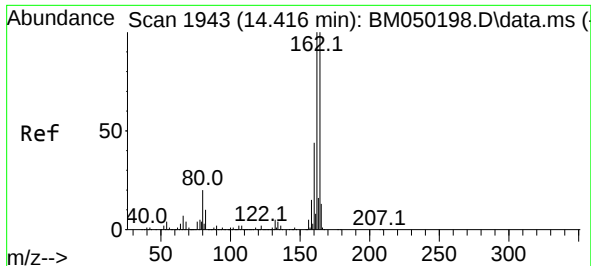
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#32  
Benzoic acid  
Concen: 2.543 ng m  
RT: 9.792 min Scan# 1157  
Delta R.T. -0.124 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

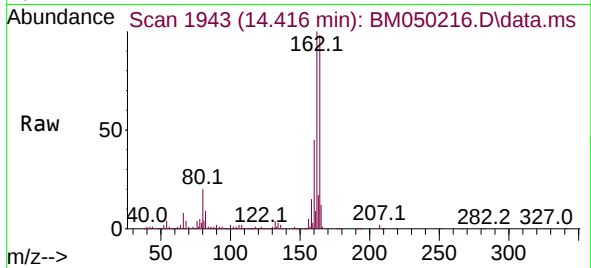
Tgt Ion:122 Resp: 27885  
Ion Ratio Lower Upper  
122 100  
105 125.0 103.4 143.4  
77 95.4 70.3 110.3





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.416 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

Instrument :  
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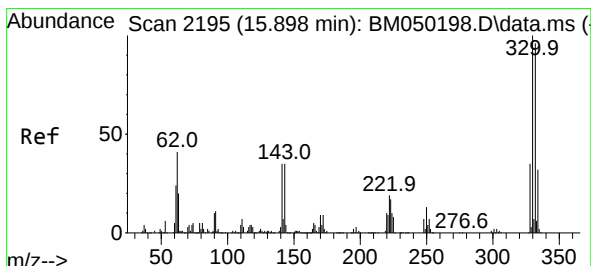
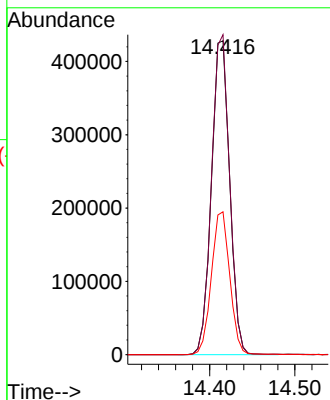
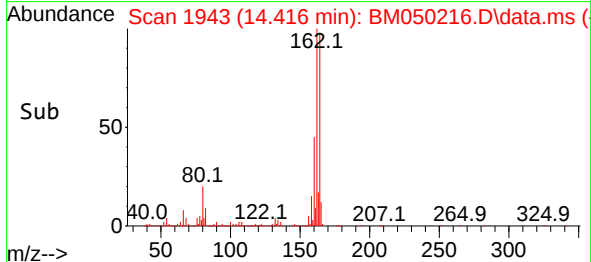
Tgt Ion:164 Resp: 638368  
Ion Ratio Lower Upper  
164 100  
162 101.9 80.2 120.4  
160 45.5 35.7 53.5

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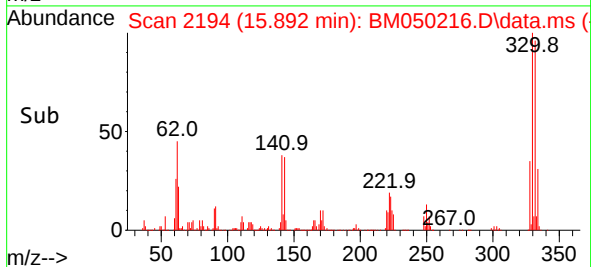
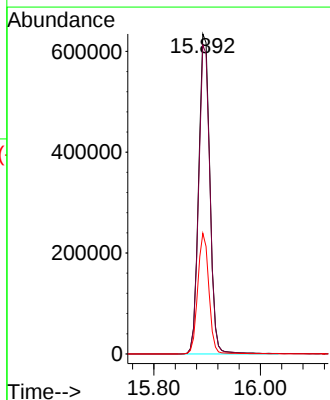
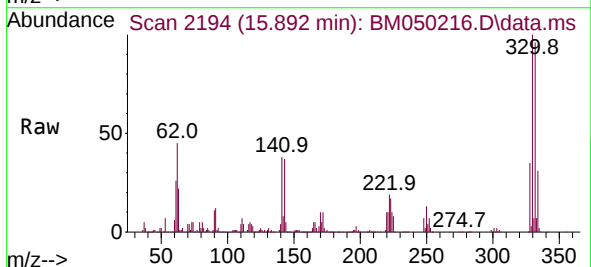
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Upadhyay

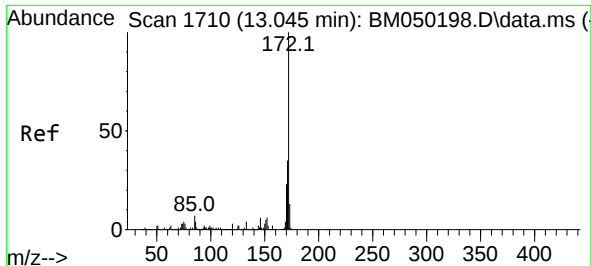
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#42  
2,4,6-Tribromophenol  
Concen: 127.480 ng  
RT: 15.892 min Scan# 2194  
Delta R.T. -0.012 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

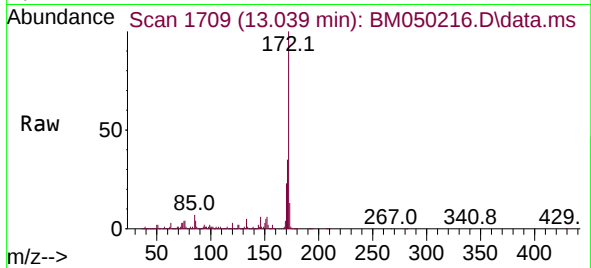
Tgt Ion:330 Resp: 925629  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.5 116.3  
141 37.3 28.8 43.2





#45  
2-Fluorobiphenyl  
Concen: 76.857 ng  
RT: 13.039 min Scan# 1710  
Delta R.T. -0.012 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

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ClientSampleId :  
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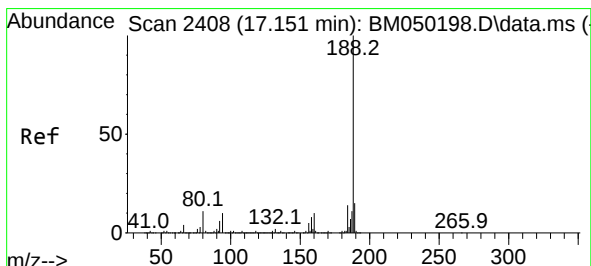
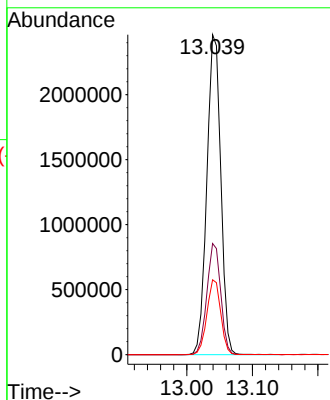
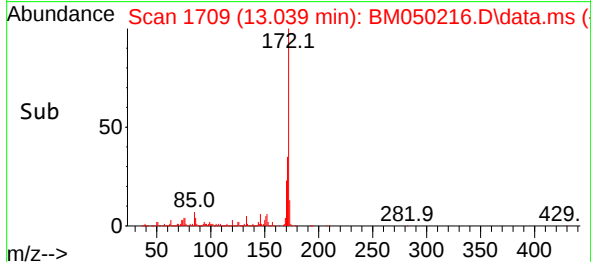
Tgt Ion:172 Resp: 3623948  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.8 41.6  
170 23.4 18.6 27.8

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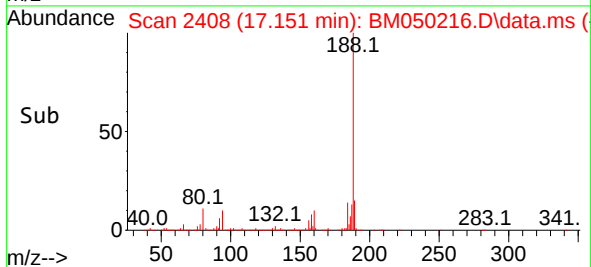
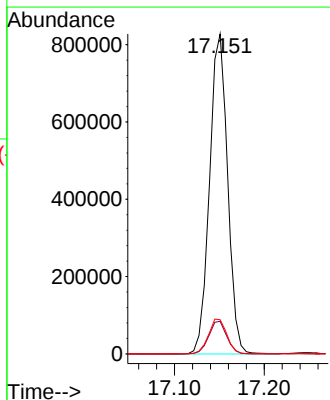
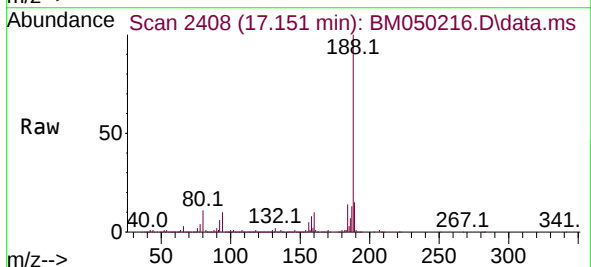
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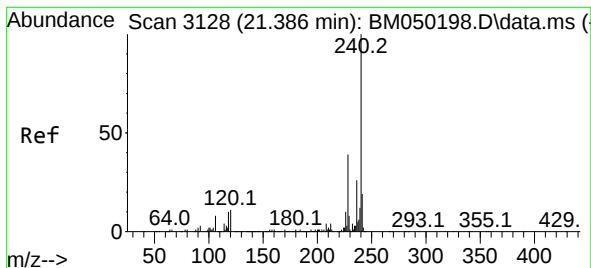
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.151 min Scan# 2408  
Delta R.T. -0.006 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

Tgt Ion:188 Resp: 1162706  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.1 12.1  
80 10.7 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050216.D

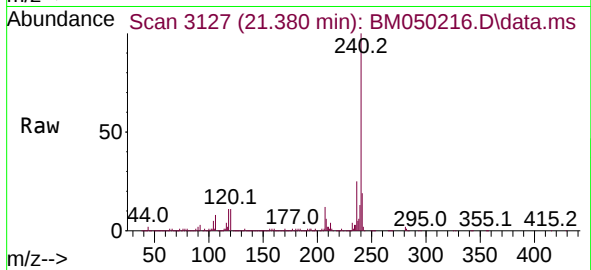
Acq: 06 Jun 2025 16:06

Instrument :

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Tgt Ion:240 Resp: 1061848

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 25.1 20.7 31.1

Manual Integrations

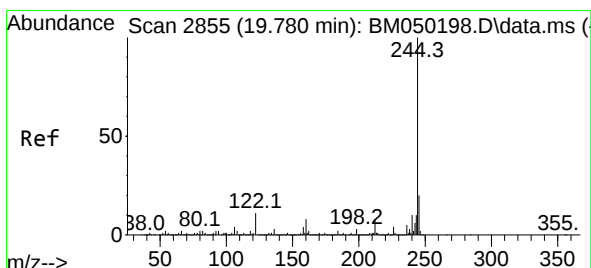
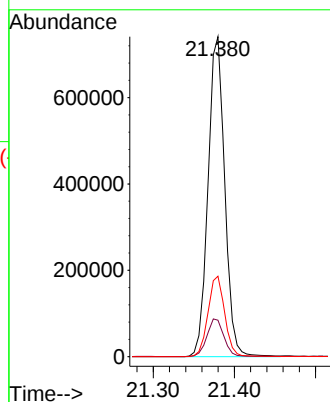
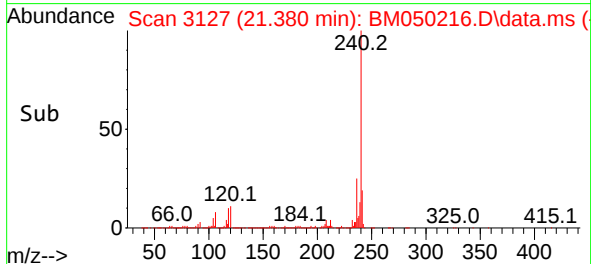
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Upadhyay

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#79

Terphenyl-d14

Concen: 78.078 ng

RT: 19.774 min Scan# 2854

Delta R.T. -0.012 min

Lab File: BM050216.D

Acq: 06 Jun 2025 16:06

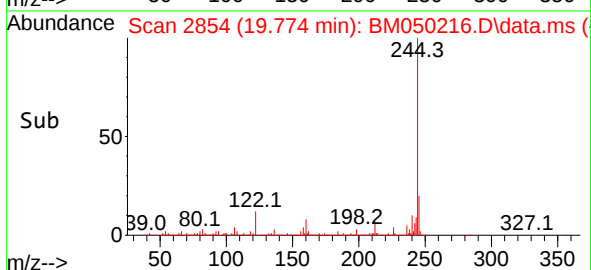
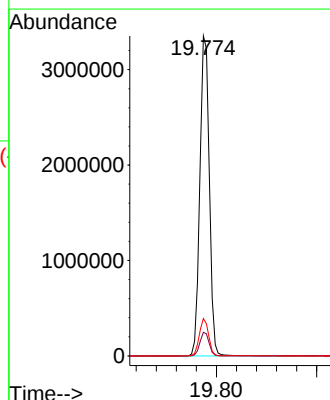
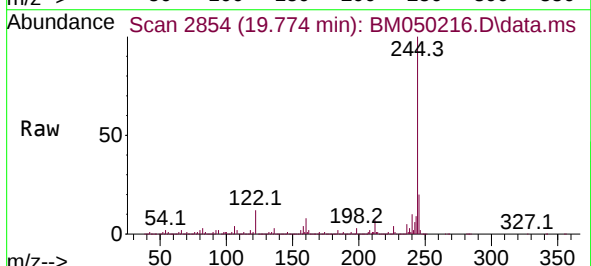
Tgt Ion:244 Resp: 4374976

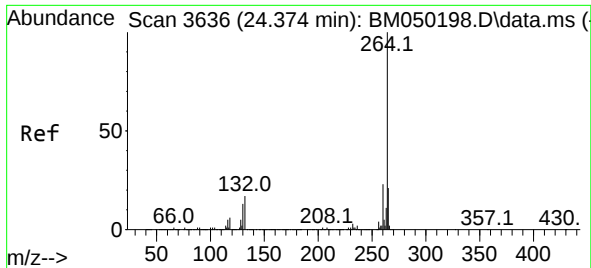
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

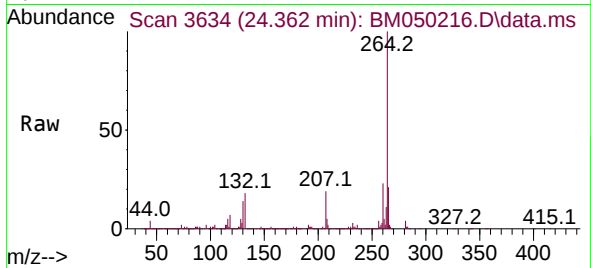
122 11.7 8.6 12.8





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.362 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: BM050216.D  
Acq: 06 Jun 2025 16:06

Instrument :  
BNA\_M  
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Tgt Ion:264 Resp: 1128394  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.7  | 18.6  | 28.0  |
| 265 | 21.3  | 16.8  | 25.2  |

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06/09/2025

