

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040221\  
 Data File : BM029336.D  
 Acq On : 03 Apr 2021 02:16  
 Operator : CG/JU  
 Sample : M1883-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 V-211

Manual Integrations  
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 4/5/2021 11:55:47 AM

Quant Time: Apr 03 02:57:46 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 01 16:52:48 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.698  | 152  | 102638   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.475 | 136  | 389087   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.333 | 164  | 217282   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.068 | 188  | 436154   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.245 | 240  | 443188   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.450 | 264  | 470747   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.299  | 112  | 880471   | 141.64 | ng    | 0.00     |
| 7) Phenol-d6                | 6.875  | 99   | 1051324  | 119.80 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.851  | 82   | 827434   | 97.50  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.821 | 330  | 338595   | 155.91 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.951 | 172  | 1586862  | 101.75 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.698 | 244  | 2217837  | 95.05  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 10.528 | 128  | 246145   | 12.00  | ng    | 99       |
| 32) Benzoic acid            | 9.739  | 122  | 29532    | 7.16   | ng    | 92       |
| 37) 2-Methylnaphthalene     | 12.139 | 142  | 108266   | 7.49   | ng    | 98       |
| 38) 1-Methylnaphthalene     | 12.363 | 142  | 69625m   | 5.09   | ng    |          |
| 70) Pentachlorophenol       | 16.727 | 266  | 289      | 5.77   | ng    | 93       |
| -----                       |        |      |          |        |       |          |

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

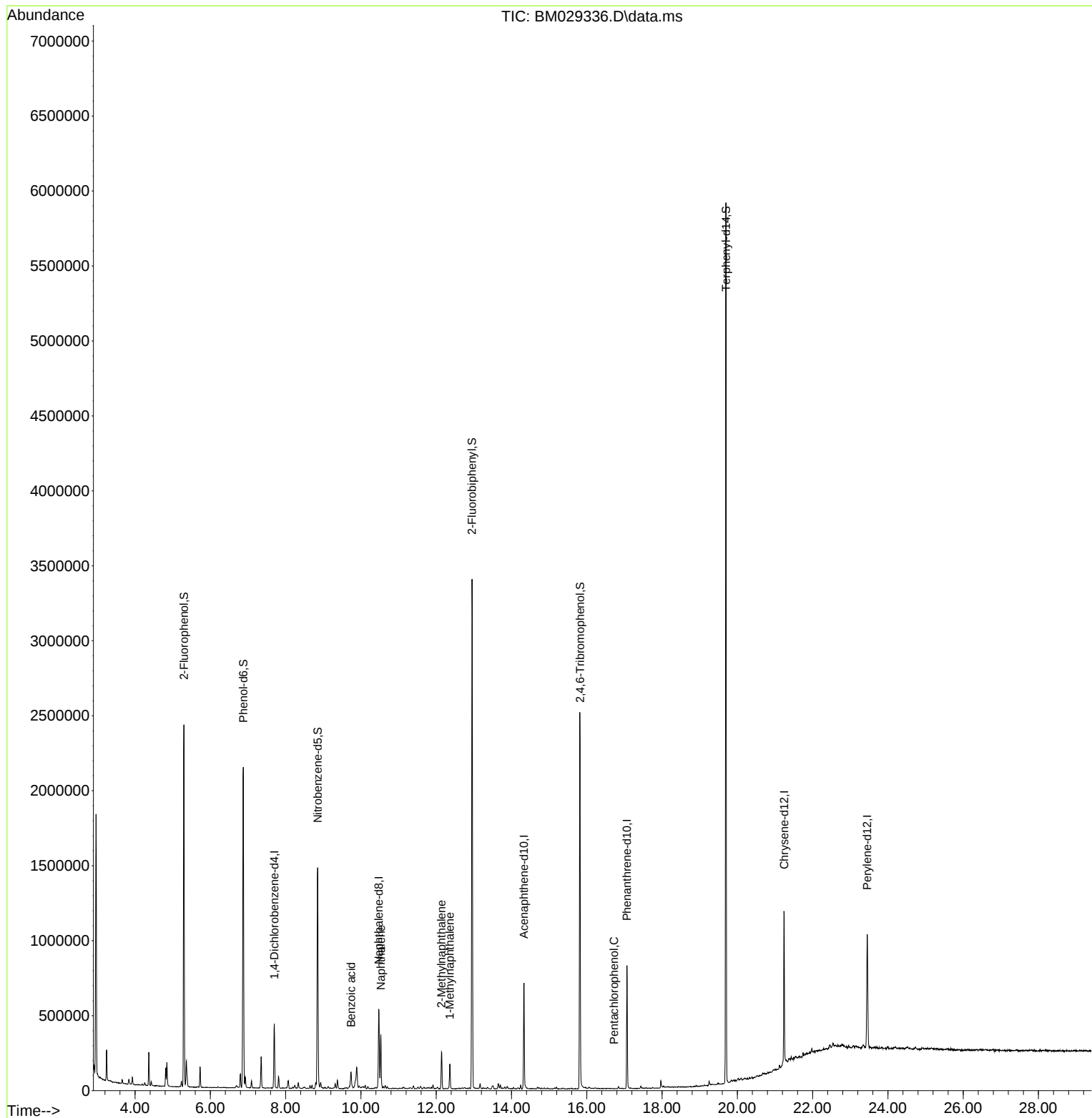
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040221\  
Data File : BM029336.D  
Acq On : 03 Apr 2021 02:16  
Operator : CG/JU  
Sample : M1883-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

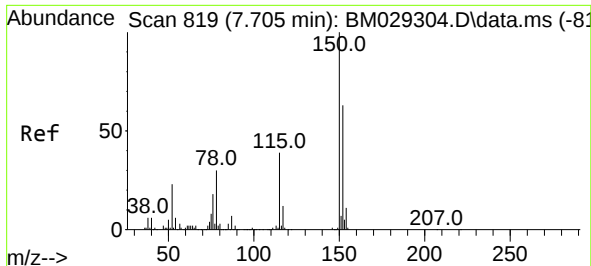
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Quant Time: Apr 03 02:57:46 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 01 16:52:48 2021  
Response via : Initial Calibration





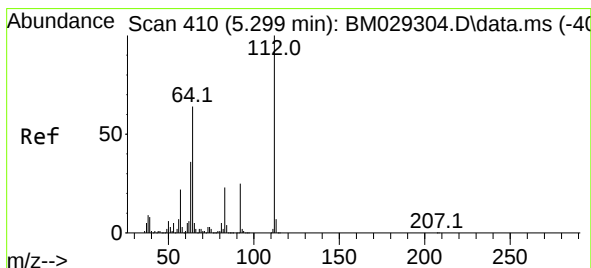
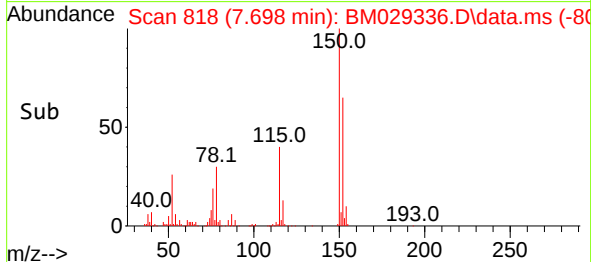
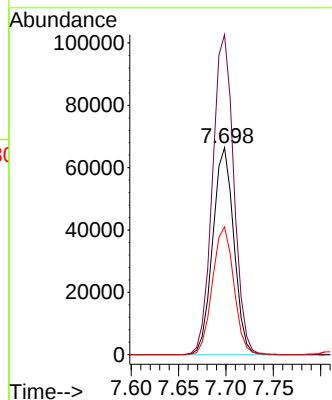
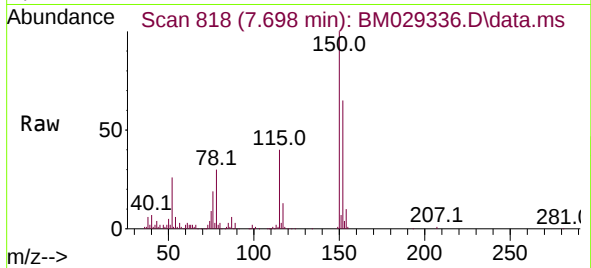
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.698 min Scan# 818  
Delta R.T. -0.007 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16

Tgt Ion:152 Resp: 102638  
Ion Ratio Lower Upper  
152 100  
150 154.6 124.3 186.5  
115 61.7 46.4 69.6

Instrument :  
BNA\_M  
ClientSampleId :  
V-211

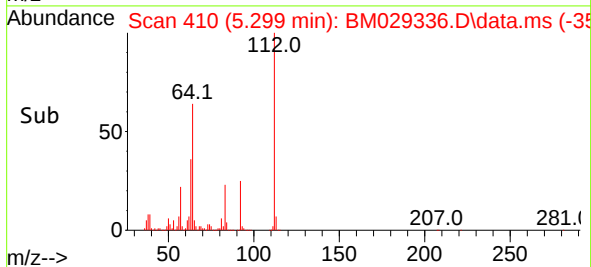
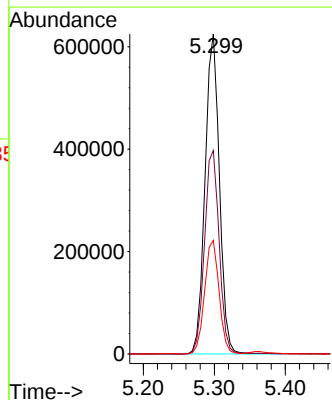
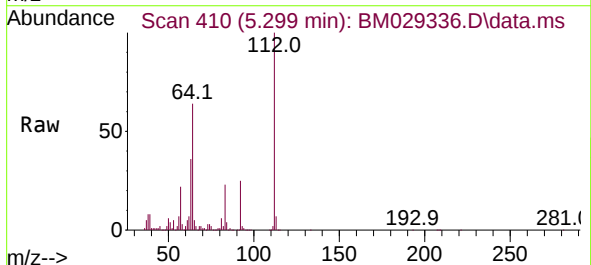
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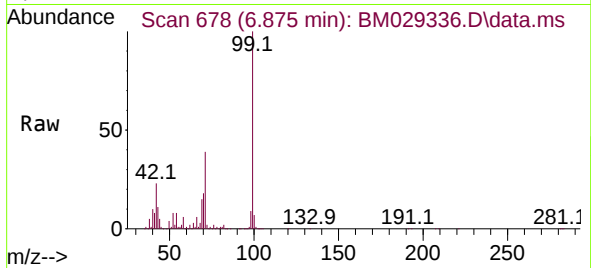
#5  
2-Fluorophenol  
Concen: 141.64 ng  
RT: 5.299 min Scan# 410  
Delta R.T. -0.000 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16

Tgt Ion:112 Resp: 880471  
Ion Ratio Lower Upper  
112 100  
64 63.6 51.6 77.4  
63 35.5 29.0 43.4



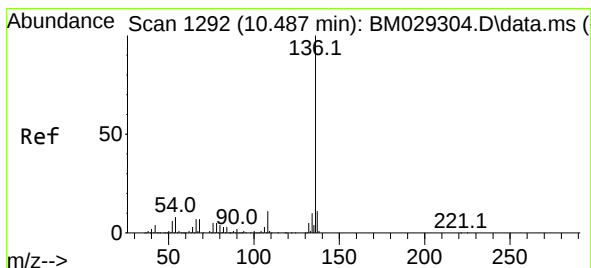
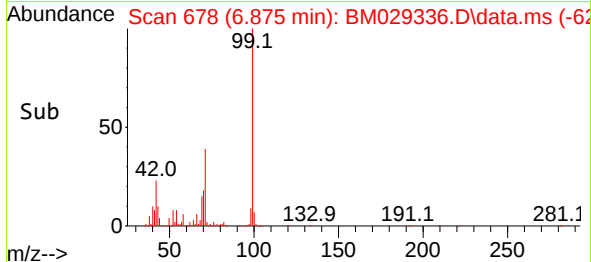
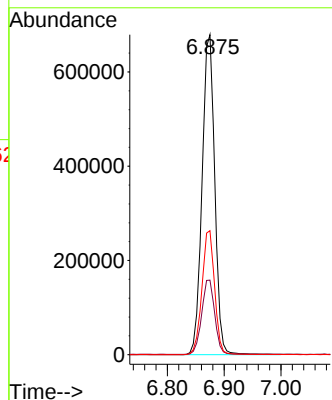


#7  
Phenol-d6  
Concen: 119.80 ng  
RT: 6.875 min Scan# 678  
Delta R.T. -0.006 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16

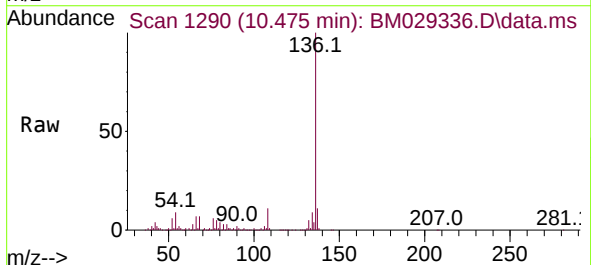


Tgt Ion: 99 Resp: 1051324

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.3  | 18.5  | 27.7  |
| 71  | 38.8  | 31.8  | 47.6  |

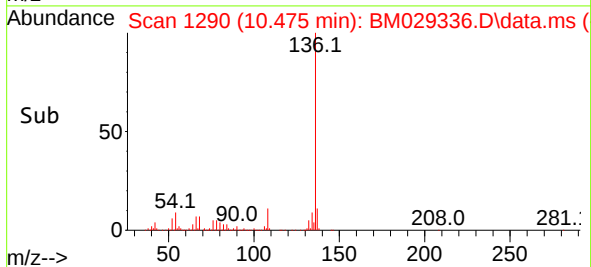
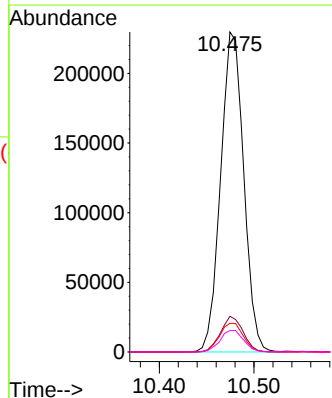


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.475 min Scan# 1290  
Delta R.T. -0.012 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16



Tgt Ion: 136 Resp: 389087

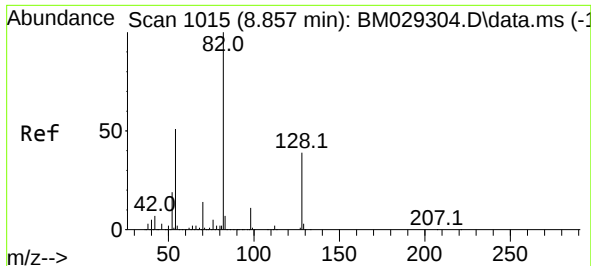
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 9.3   | 13.9  |
| 54  | 8.9   | 6.9   | 10.3  |
| 68  | 6.7   | 5.4   | 8.0   |



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ClientSampleId :  
V-211

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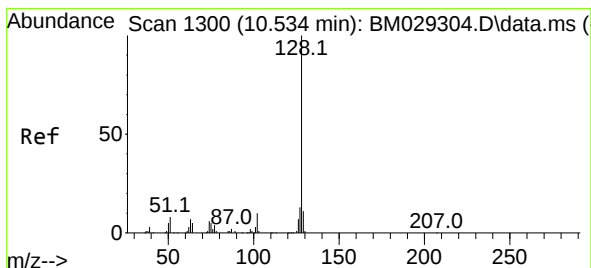
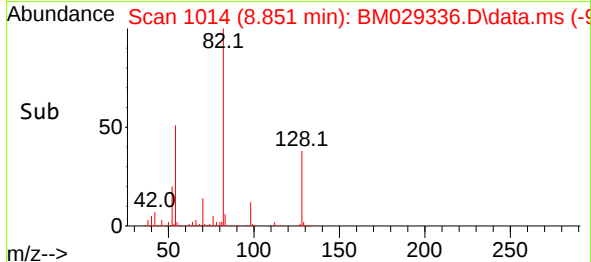
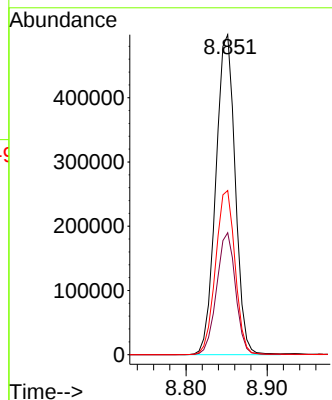
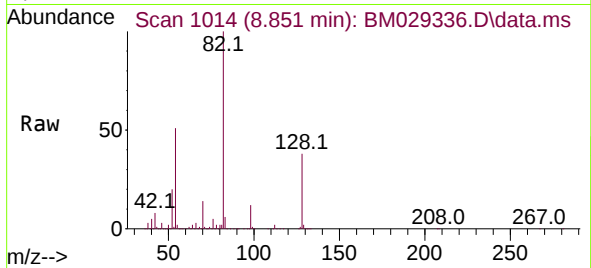
#23  
Nitrobenzene-d5  
Concen: 97.50 ng  
RT: 8.851 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16

Tgt Ion: 82 Resp: 827434  
Ion Ratio Lower Upper  
82 100  
128 38.1 28.6 42.8  
54 51.3 40.7 61.1

Instrument :  
BNA\_M  
ClientSampled :  
V-211

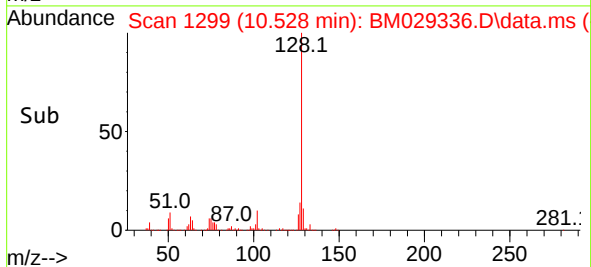
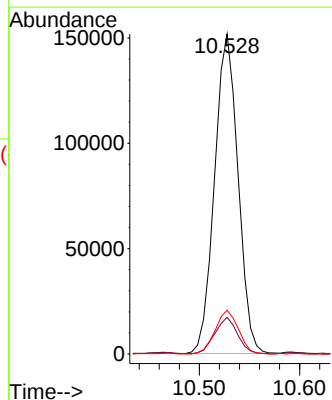
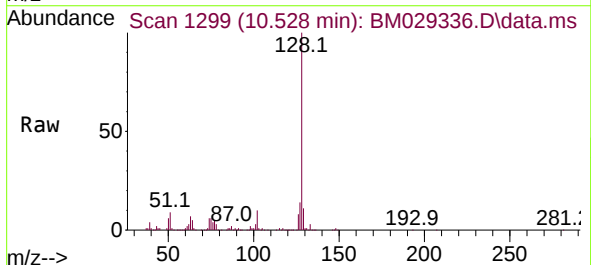
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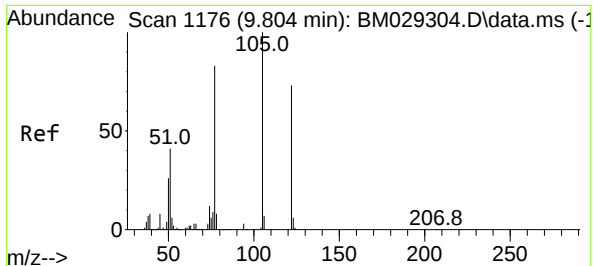
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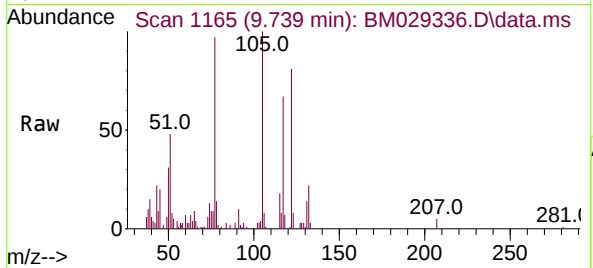
#31  
Naphthalene  
Concen: 12.00 ng  
RT: 10.528 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16

Tgt Ion:128 Resp: 246145  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.6  
127 13.7 10.7 16.1

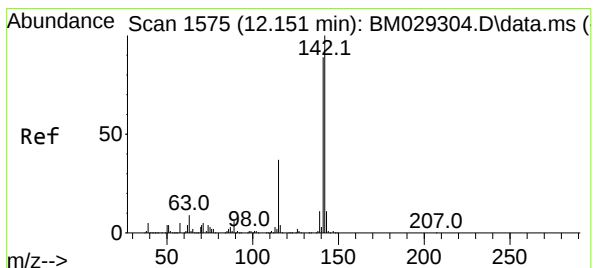
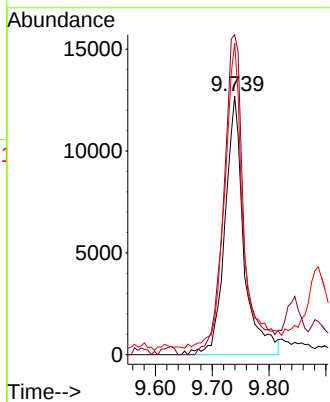
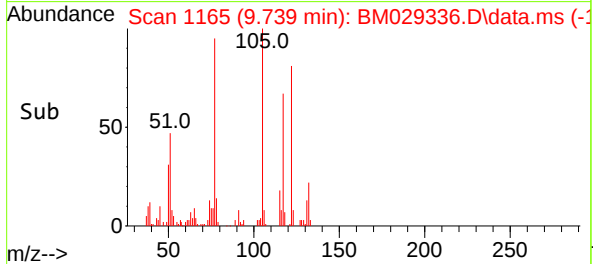




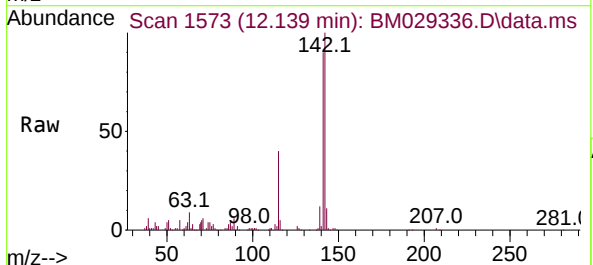
#32  
Benzoic acid  
Concen: 7.16 ng  
RT: 9.739 min Scan# 1165  
Delta R.T. -0.065 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16



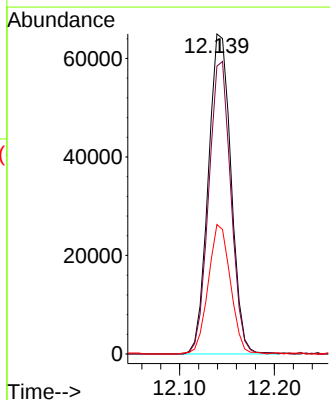
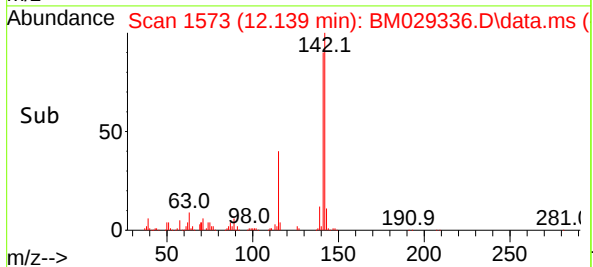
Tgt Ion:122 Resp: 29532  
Ion Ratio Lower Upper  
122 100  
105 123.6 108.2 148.2  
77 120.4 86.0 126.0



#37  
2-Methylnaphthalene  
Concen: 7.49 ng  
RT: 12.139 min Scan# 1573  
Delta R.T. -0.012 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16



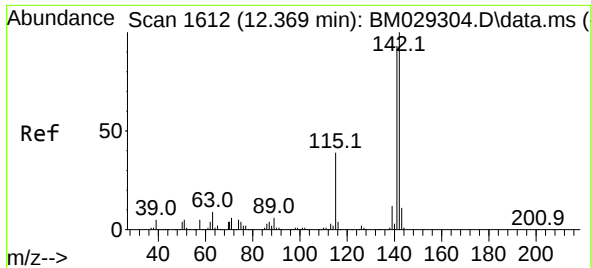
Tgt Ion:142 Resp: 108266  
Ion Ratio Lower Upper  
142 100  
141 89.9 72.0 108.0  
115 40.4 29.8 44.6



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ClientSampled :  
V-211

Manual Integrations  
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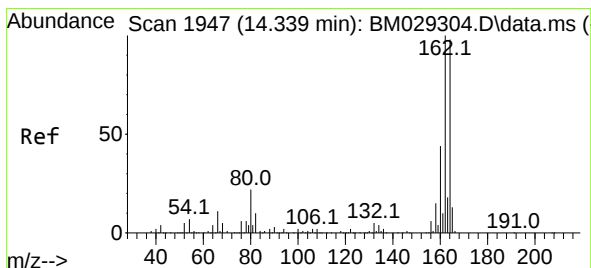
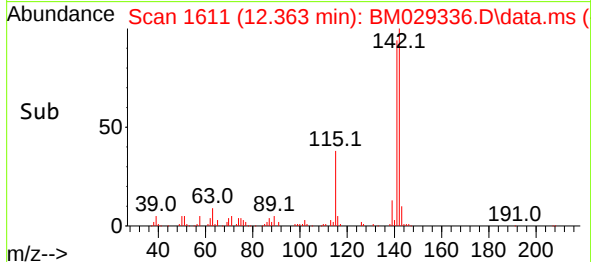
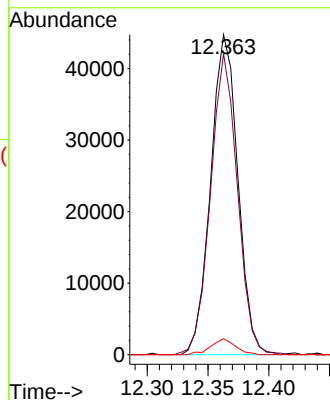
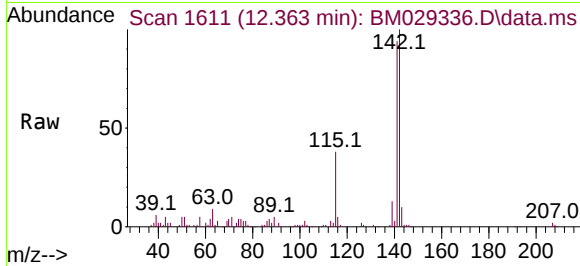
#38  
1-Methylnaphthalene  
Concen: 5.09 ng m  
RT: 12.363 min Scan# 1611  
Delta R.T. -0.006 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16

Tgt Ion:142 Resp: 69625  
Ion Ratio Lower Upper  
142 100  
141 94.1 73.5 110.3  
116 5.0 3.2 4.8#

Instrument :  
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ClientSampled :  
V-211

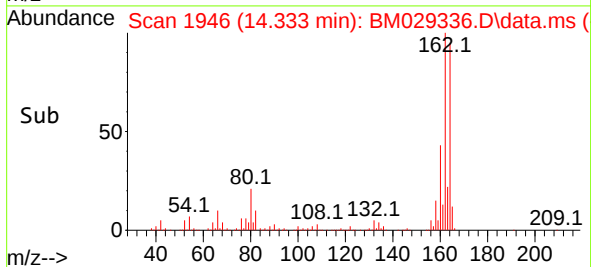
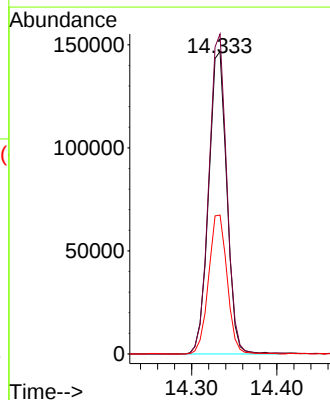
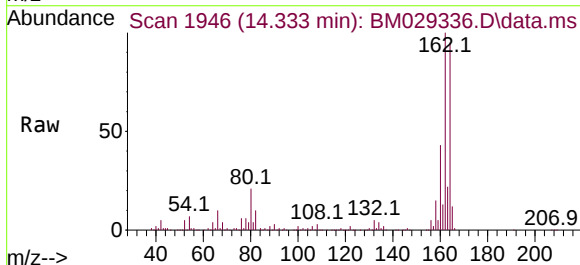
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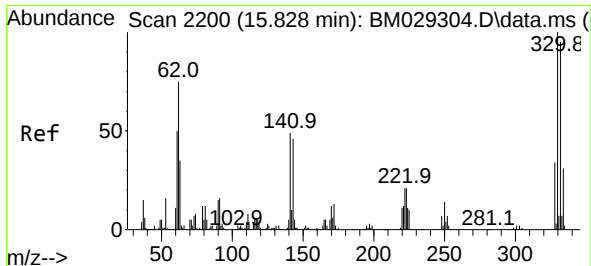
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4/5/2021 11:55:47 AM



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.333 min Scan# 1946  
Delta R.T. -0.006 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16

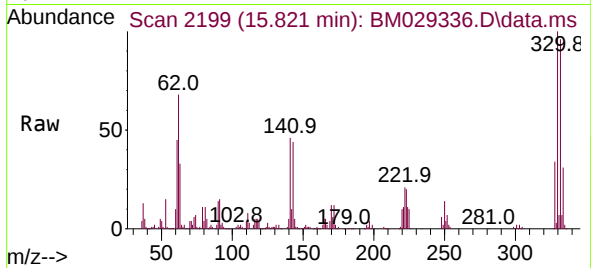
Tgt Ion:164 Resp: 217282  
Ion Ratio Lower Upper  
164 100  
162 105.8 84.4 126.6  
160 45.9 36.6 54.8





#42  
2,4,6-Tribromophenol  
Concen: 155.91 ng  
RT: 15.821 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16

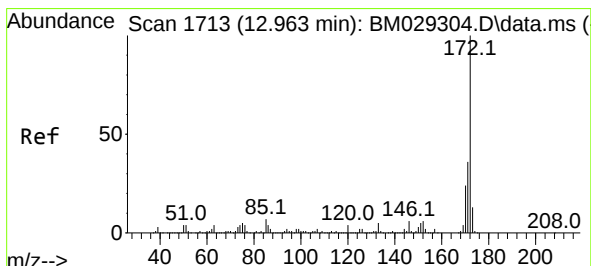
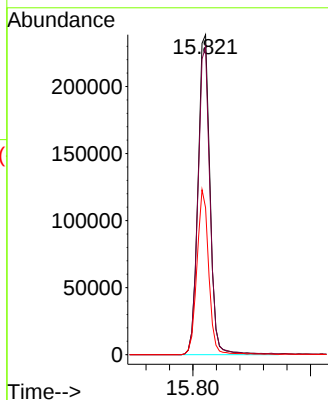
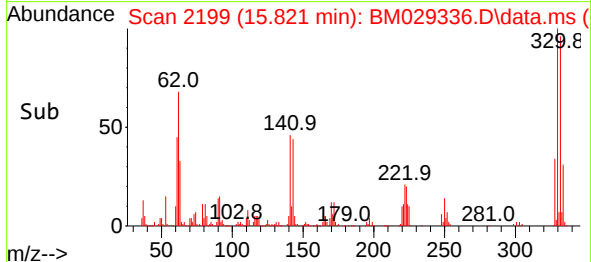
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BNA\_M  
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V-211



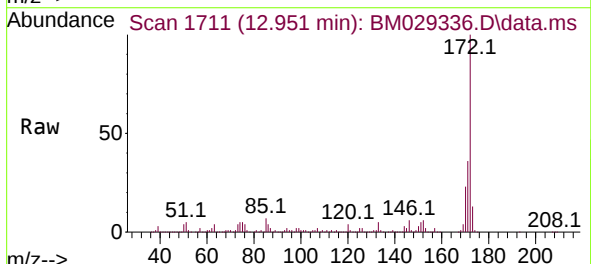
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Ion Ratio Lower Upper  
330 100  
332 96.0 77.1 115.7  
141 50.7 39.2 58.8

Manual Integrations  
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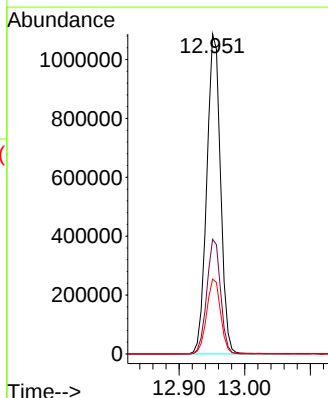
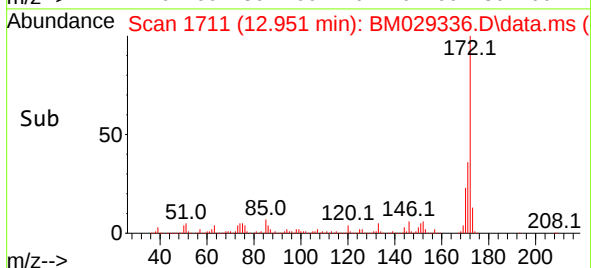
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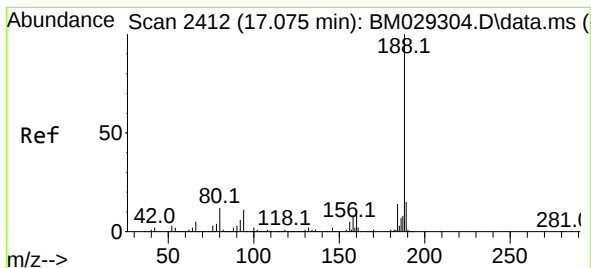


#45  
2-Fluorobiphenyl  
Concen: 101.75 ng  
RT: 12.951 min Scan# 1711  
Delta R.T. -0.012 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16

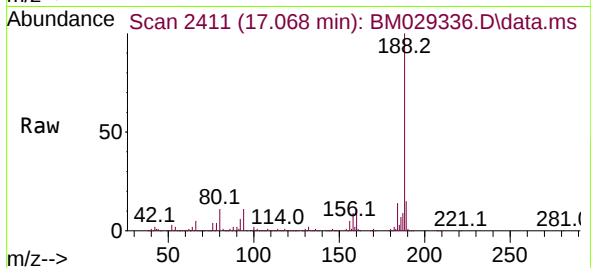


Tgt Ion:172 Resp: 1586862  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.7 43.1  
170 23.4 18.8 28.2

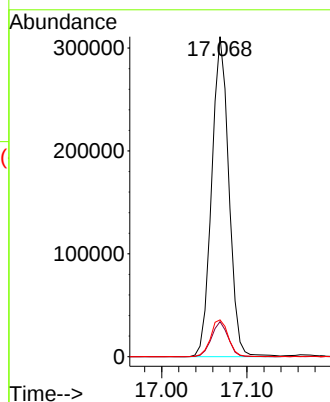
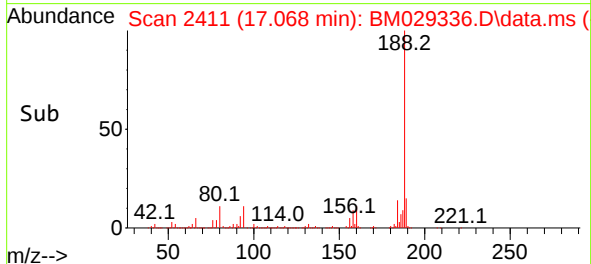




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.068 min Scan# 2411  
Delta R.T. -0.007 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16



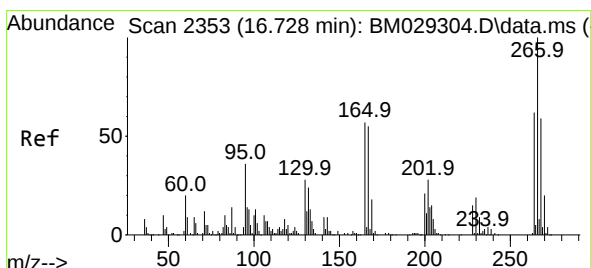
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Ion Ratio Lower Upper  
188 100  
94 11.0 8.1 12.1  
80 11.5 9.2 13.8



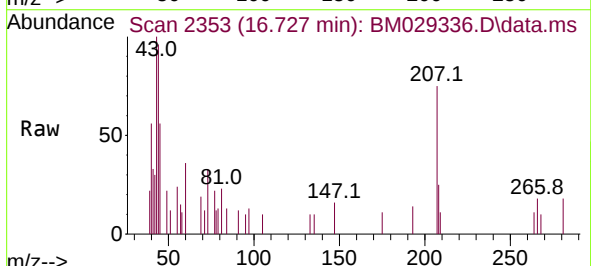
Instrument :  
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V-211

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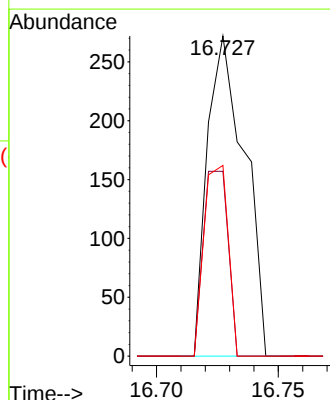
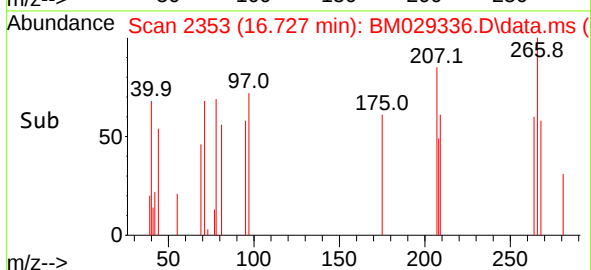
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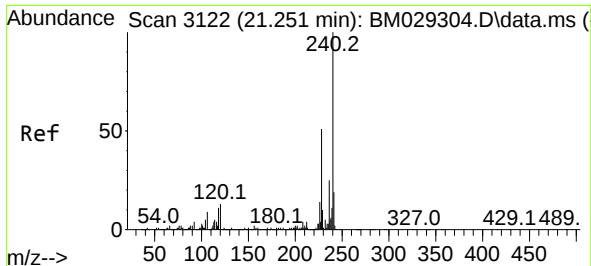


#70  
Pentachlorophenol  
Concen: 5.77 ng  
RT: 16.727 min Scan# 2353  
Delta R.T. -0.001 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16

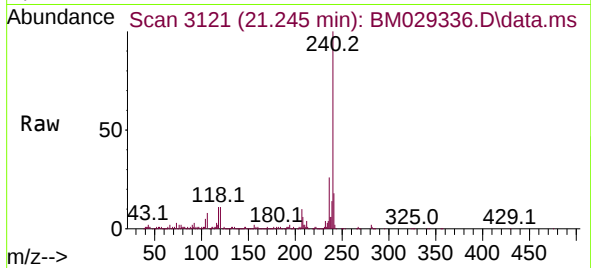


Tgt Ion:266 Resp: 289  
Ion Ratio Lower Upper  
266 100  
268 57.7 52.2 78.2  
264 59.6 50.9 76.3

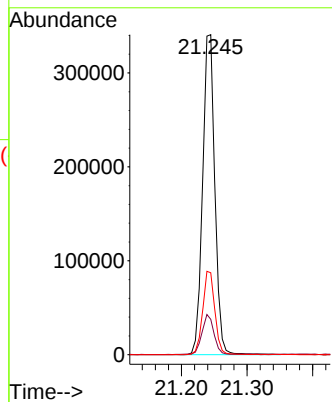
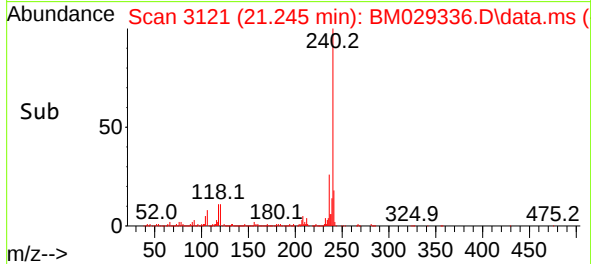




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.245 min Scan# 3121  
Delta R.T. -0.006 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16



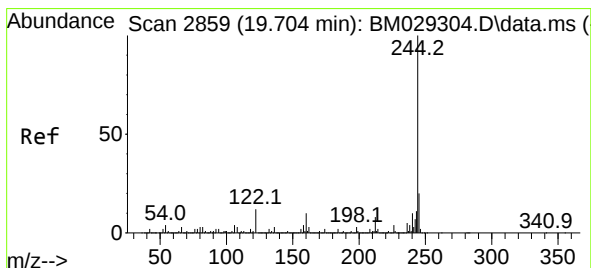
Tgt Ion:240 Resp: 443188  
Ion Ratio Lower Upper  
240 100  
120 11.1 9.0 13.6  
236 25.6 20.3 30.5



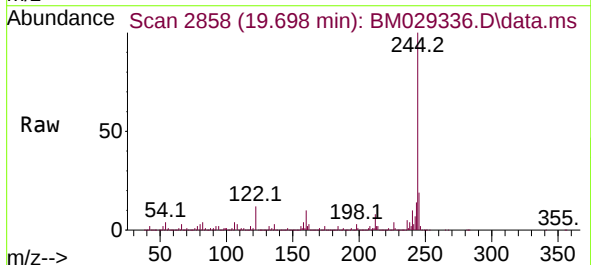
Instrument :  
BNA\_M  
ClientSampleId :  
V-211

Manual Integrations  
APPROVED

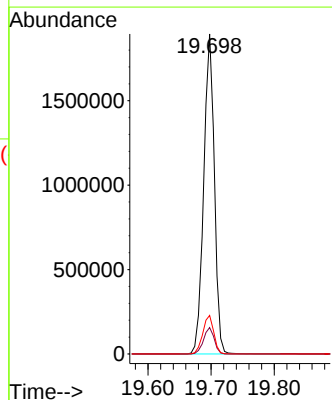
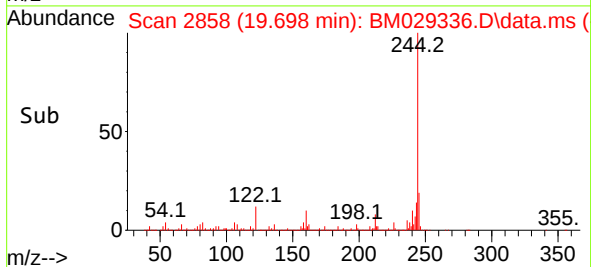
mohammad  
4/5/2021 11:55:47 AM

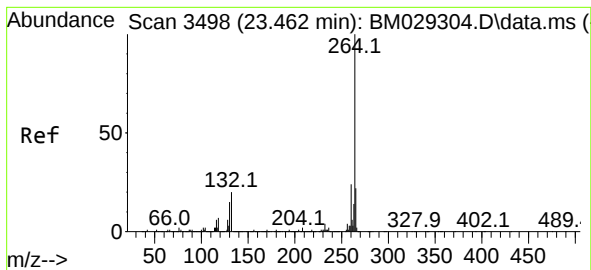


#79  
Terphenyl-d14  
Concen: 95.05 ng  
RT: 19.698 min Scan# 2858  
Delta R.T. -0.006 min  
Lab File: BM029336.D  
Acq: 03 Apr 2021 02:16



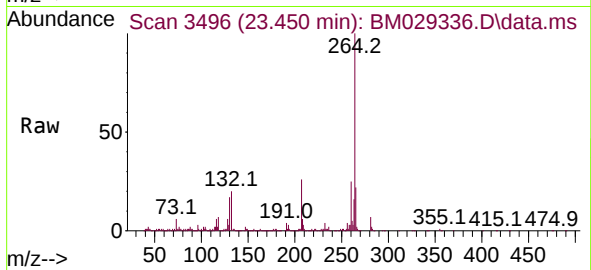
Tgt Ion:244 Resp: 2217837  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.5 9.7  
122 12.1 9.2 13.8





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.450 min Scan# 3496  
 Delta R.T. -0.012 min  
 Lab File: BM029336.D  
 Acq: 03 Apr 2021 02:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 V-211



Tgt Ion:264 Resp: 470747  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 19.6 29.4  
 265 22.4 17.8 26.8

Manual Integrations  
 APPROVED

mohammad  
 4/5/2021 11:55:47 AM

