

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121021\  
 Data File : BM033409.D  
 Acq On : 11 Dec 2021 00:02  
 Operator : CG/JU  
 Sample : M4927-12  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 11 02:17:18 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM120821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 09 07:11:07 2021  
 Response via : Initial Calibration

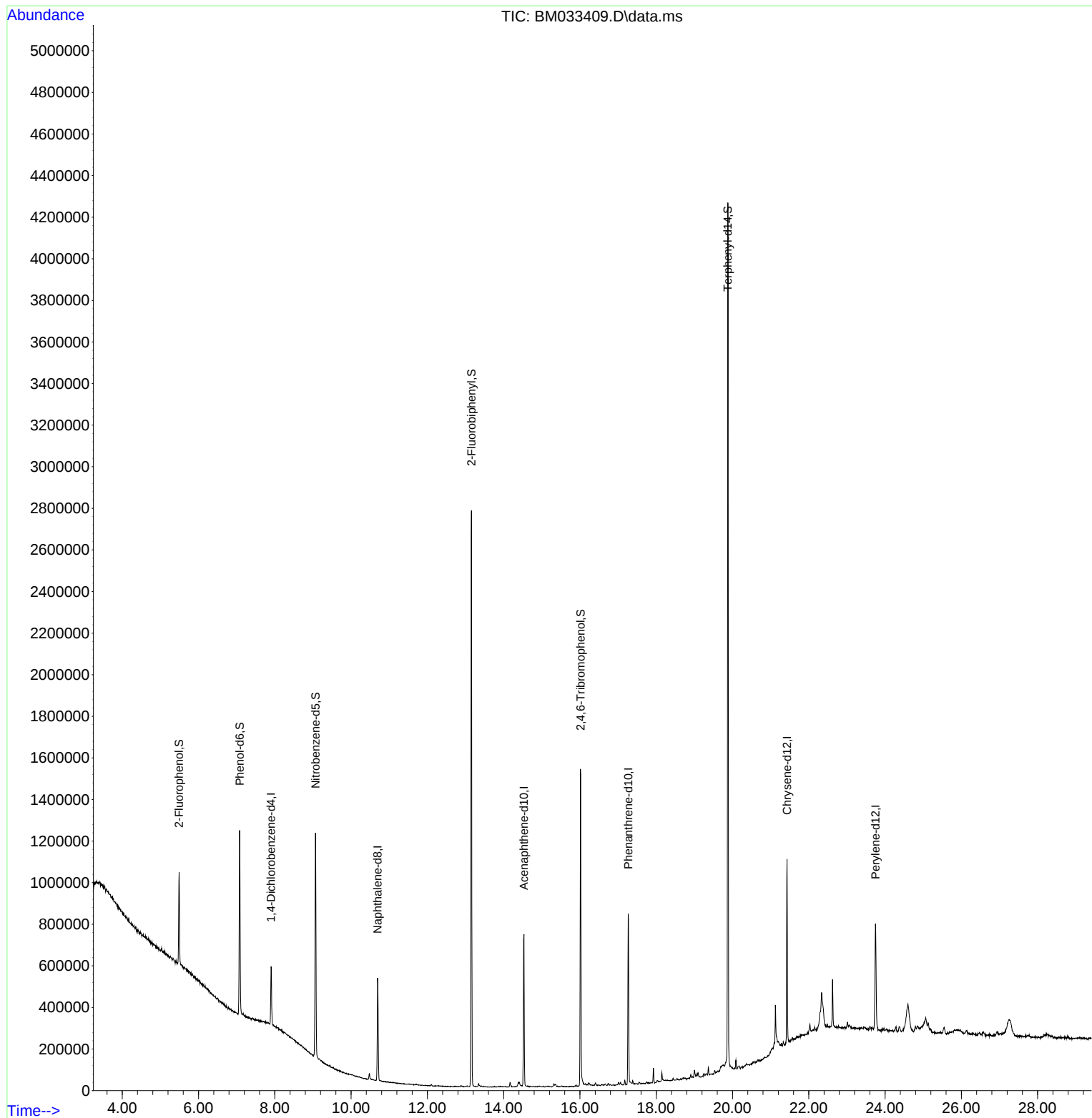
| Compound                    | R.T.   | QIon | Response | Conc      | Units    | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|----------|----------|
| -----                       |        |      |          |           |          |          |
| Internal Standards          |        |      |          |           |          |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.901  | 152  | 73670    | 20.000    | ng       | -0.01    |
| 21) Naphthalene-d8          | 10.695 | 136  | 373048   | 20.000    | ng       | -0.01    |
| 39) Acenaphthene-d10        | 14.530 | 164  | 225160   | 20.000    | ng       | # 0.00   |
| 64) Phenanthrene-d10        | 17.265 | 188  | 461789   | 20.000    | ng       | -0.01    |
| 76) Chrysene-d12            | 21.430 | 240  | 401785   | 20.000    | ng       | -0.01    |
| 86) Perylene-d12            | 23.747 | 264  | 355806   | 20.000    | ng       | -0.02    |
| System Monitoring Compounds |        |      |          |           |          |          |
| 5) 2-Fluorophenol           | 5.490  | 112  | 163431   | 36.394    | ng       | 0.00     |
| 7) Phenol-d6                | 7.078  | 99   | 474043   | 75.708    | ng       | -0.01    |
| 23) Nitrobenzene-d5         | 9.066  | 82   | 628833   | 71.574    | ng       | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.019 | 330  | 227430   | 94.425    | ng       | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.154 | 172  | 1333708  | 81.935    | ng       | 0.00     |
| 79) Terphenyl-d14           | 19.877 | 244  | 1798565  | 82.934    | ng       | -0.01    |
| Target Compounds            |        |      |          |           |          |          |
| 9) Benzaldehyde             | 7.078  | 77   | 1112     | Below Cal | Qvalue # | 7        |
| -----                       |        |      |          |           |          |          |

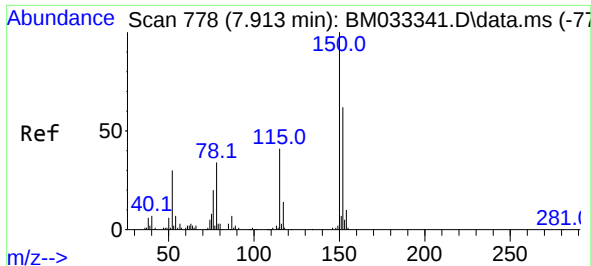
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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BNA\_M  
ClientSampleId :

Quant Time: Dec 11 02:17:18 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM120821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 09 07:11:07 2021  
Response via : Initial Calibration

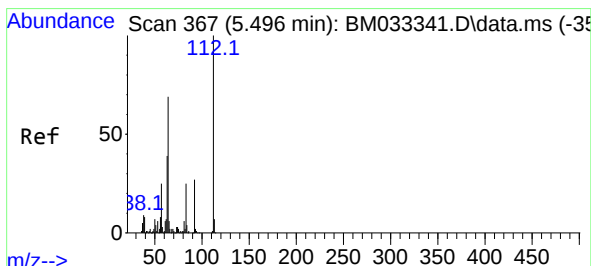
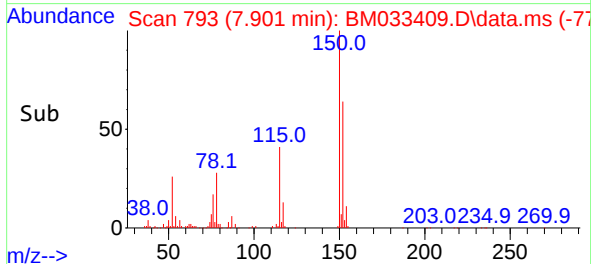
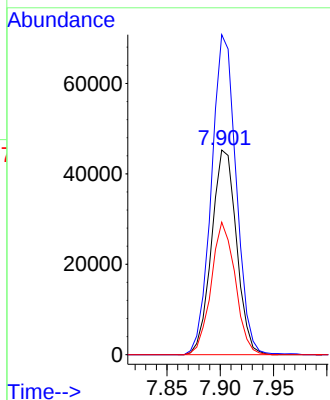
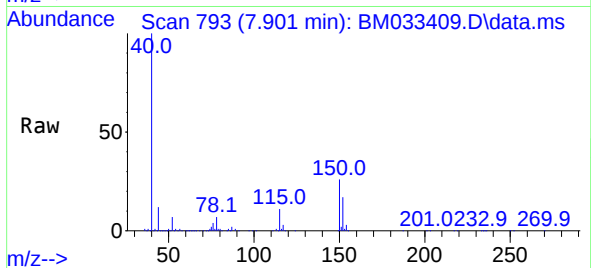




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.901 min Scan# 79  
Delta R.T. -0.012 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

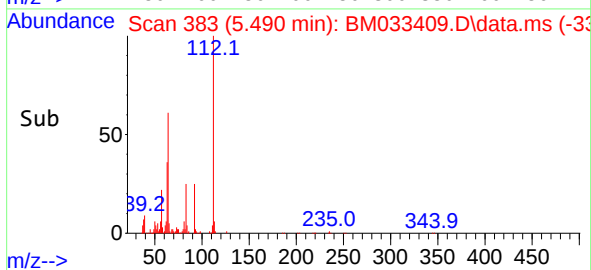
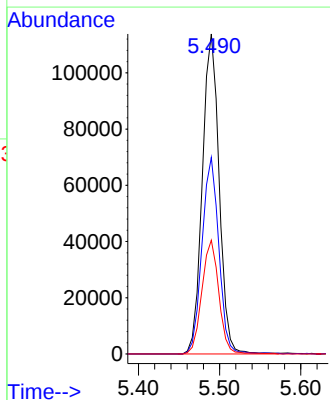
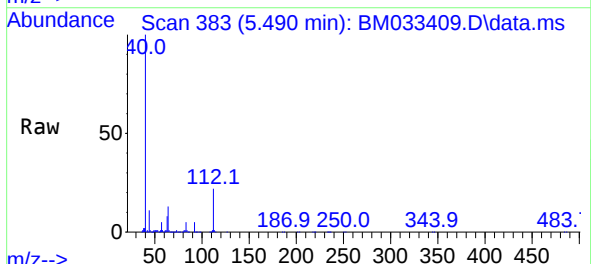
Instrument :  
BNA\_M  
ClientSampleId :

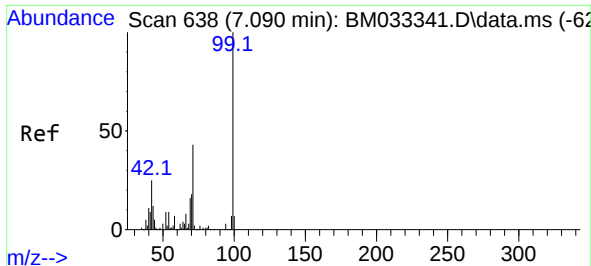
Tgt Ion:152 Resp: 73670  
Ion Ratio Lower Upper  
152 100  
150 156.4 128.9 193.3  
115 64.8 53.0 79.6



#5  
2-Fluorophenol  
Concen: 36.394 ng  
RT: 5.490 min Scan# 383  
Delta R.T. -0.006 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

Tgt Ion:112 Resp: 163431  
Ion Ratio Lower Upper  
112 100  
64 61.4 55.5 83.3  
63 35.5 31.3 46.9

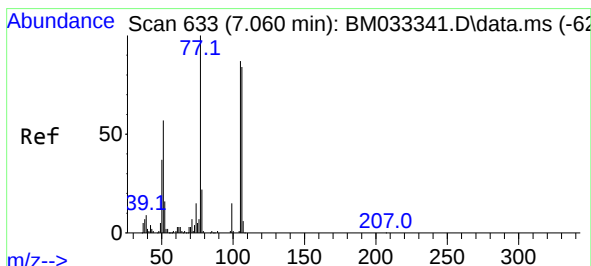
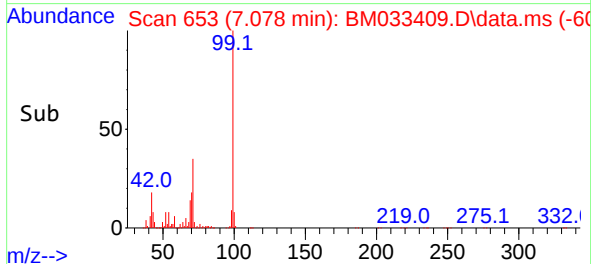
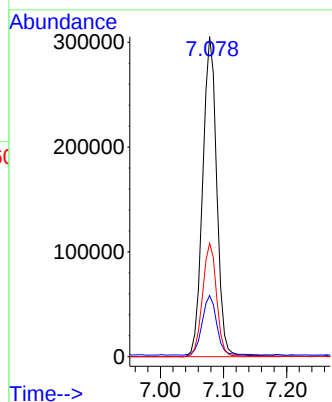
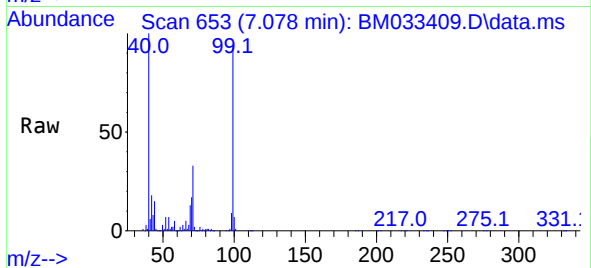




#7  
Phenol-d6  
Concen: 75.708 ng  
RT: 7.078 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

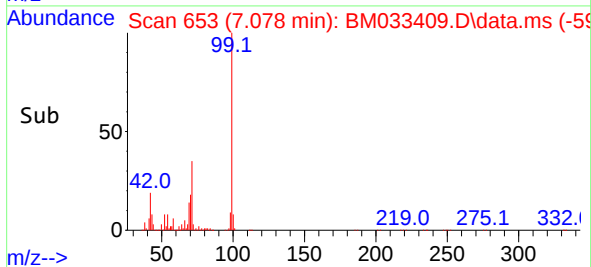
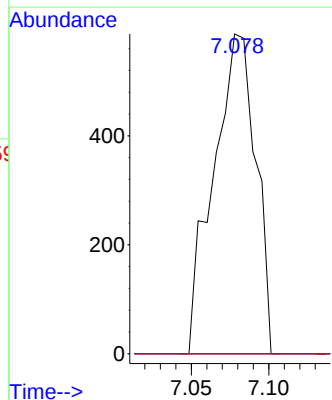
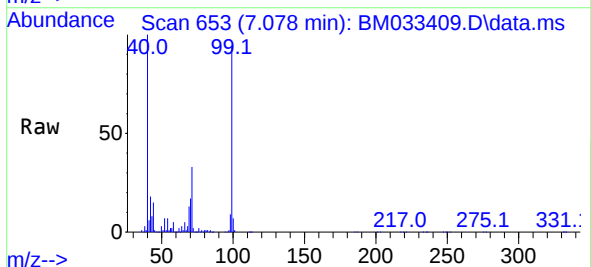
Instrument :  
BNA\_M  
ClientSampleId :

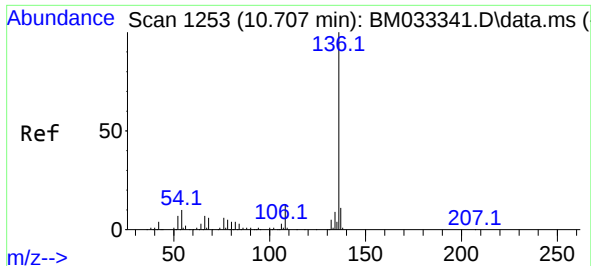
Tgt Ion: 99 Resp: 474043  
Ion Ratio Lower Upper  
99 100  
42 19.1 20.3 30.5#  
71 35.5 34.5 51.7



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.078 min Scan# 653  
Delta R.T. 0.018 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

Tgt Ion: 77 Resp: 1112  
Ion Ratio Lower Upper  
77 100  
105 0.0 67.1 107.1#  
106 0.0 64.3 104.3#



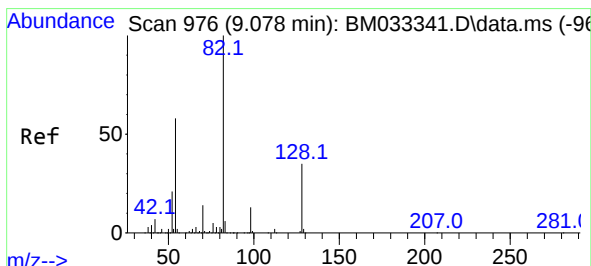
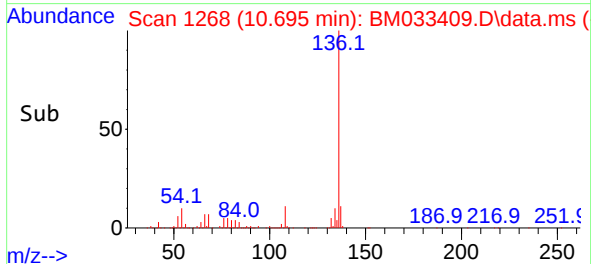
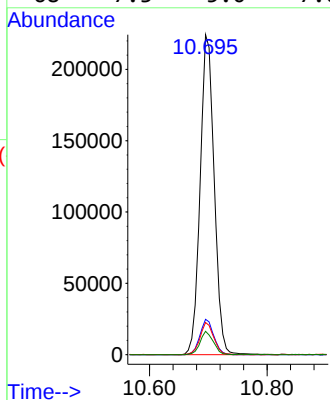
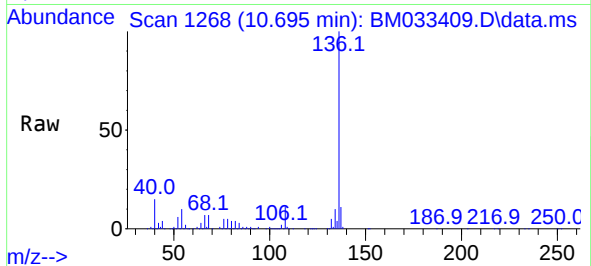


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.695 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:136 Resp: 373048

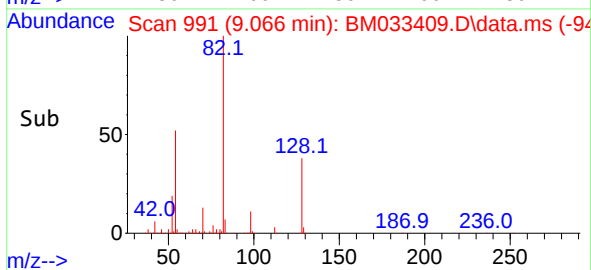
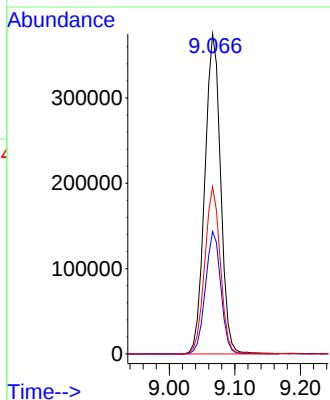
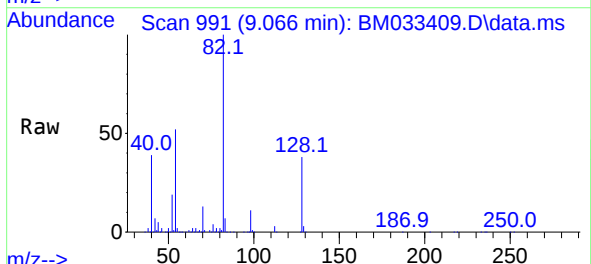
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 13.0  |
| 54  | 10.1  | 8.3   | 12.5  |
| 68  | 7.3   | 5.0   | 7.6   |

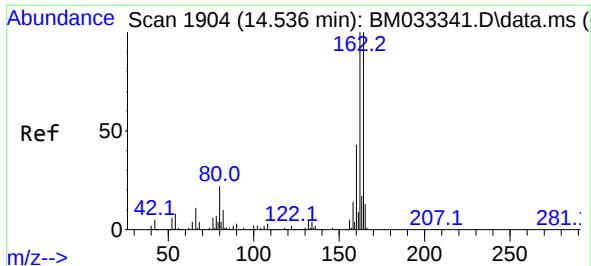


#23  
Nitrobenzene-d5  
Concen: 71.574 ng  
RT: 9.066 min Scan# 991  
Delta R.T. -0.012 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

Tgt Ion: 82 Resp: 628833

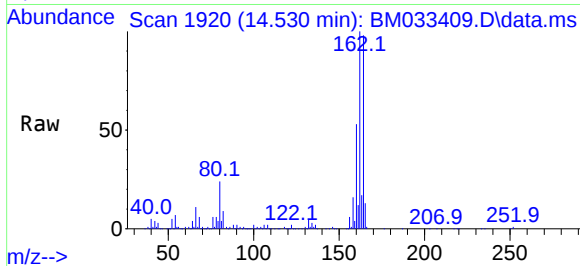
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.3  | 28.1  | 42.1  |
| 54  | 52.2  | 46.1  | 69.1  |



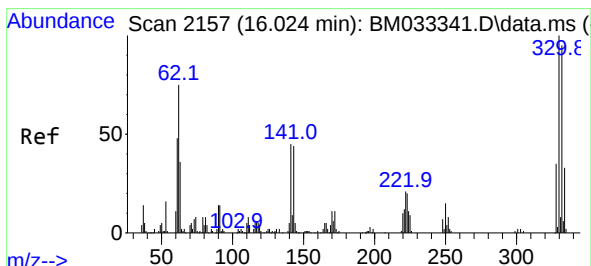
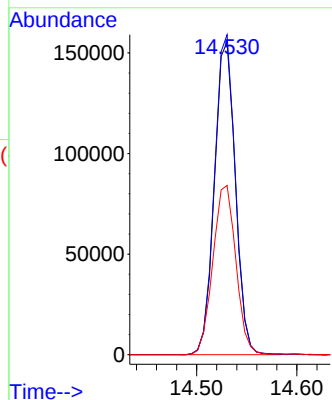
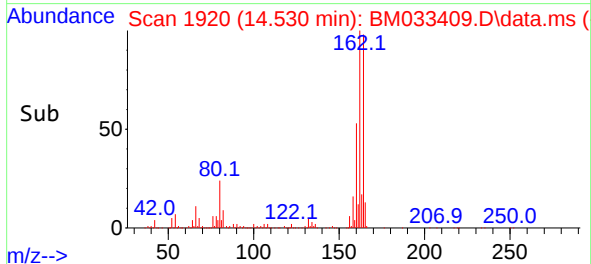


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.530 min Scan# 1904  
Delta R.T. -0.006 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

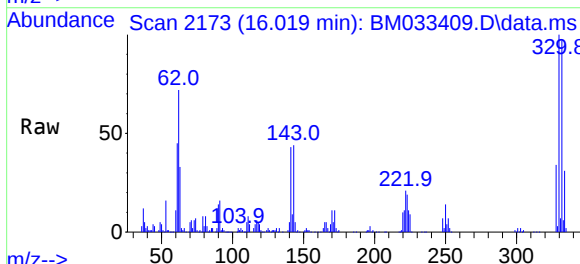
Instrument :  
BNA\_M  
ClientSampleId :



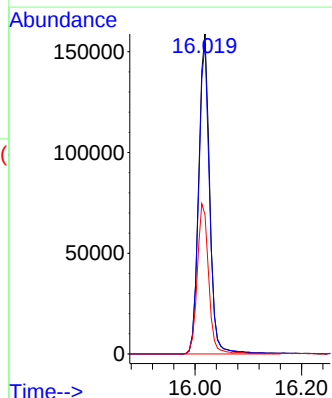
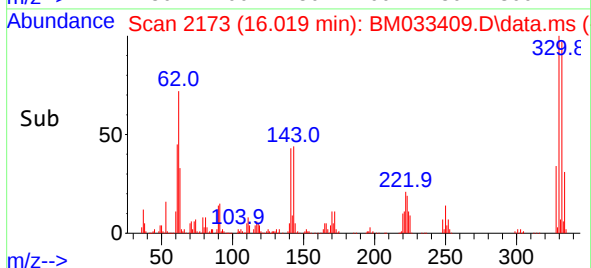
Tgt Ion:164 Resp: 225160  
Ion Ratio Lower Upper  
164 100  
162 102.3 79.7 119.5  
160 54.1 34.2 51.4#

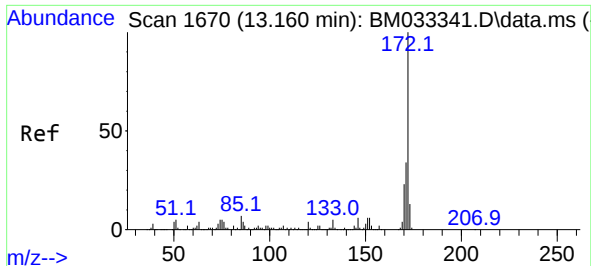


#42  
2,4,6-Tribromophenol  
Concen: 94.425 ng  
RT: 16.019 min Scan# 2173  
Delta R.T. -0.006 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02



Tgt Ion:330 Resp: 227430  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.5 114.7  
141 47.8 35.9 53.9

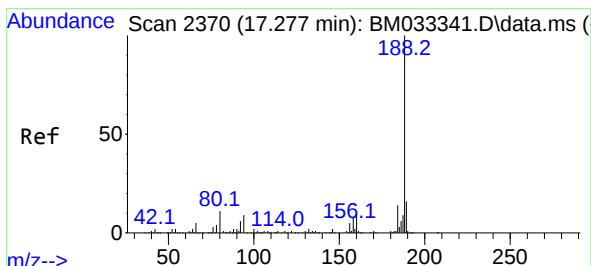
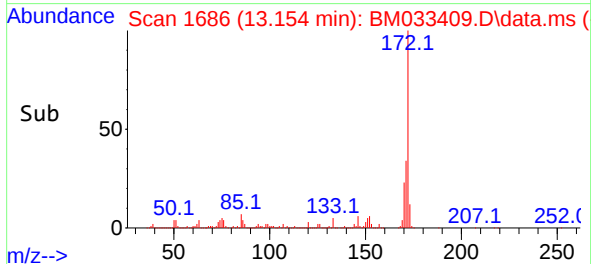
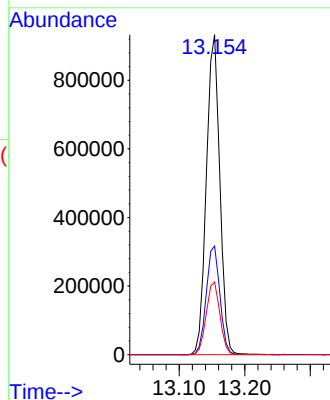
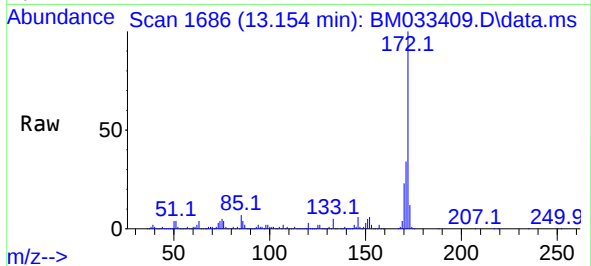




#45  
2-Fluorobiphenyl  
Concen: 81.935 ng  
RT: 13.154 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

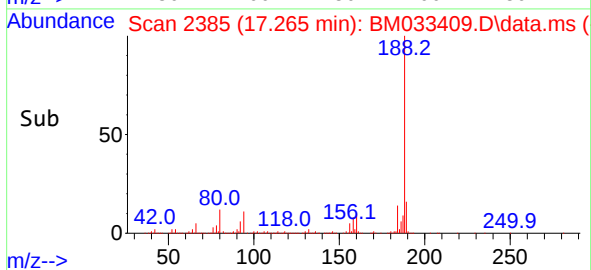
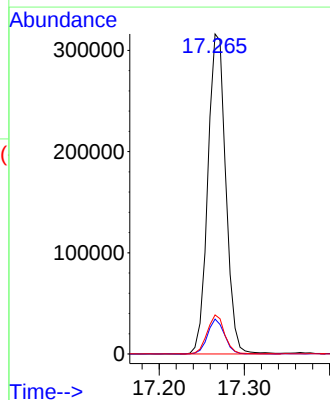
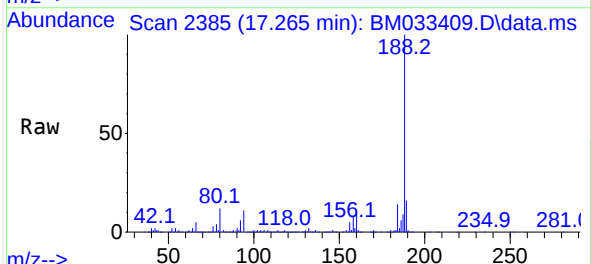
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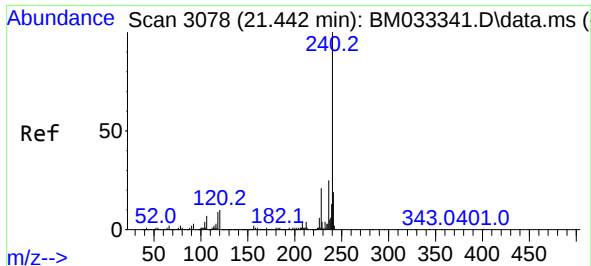
Tgt Ion:172 Resp: 1333708  
Ion Ratio Lower Upper  
172 100  
171 34.0 27.2 40.8  
170 22.7 18.7 28.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.265 min Scan# 2385  
Delta R.T. -0.012 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

Tgt Ion:188 Resp: 461789  
Ion Ratio Lower Upper  
188 100  
94 10.9 7.5 11.3  
80 12.2 8.9 13.3

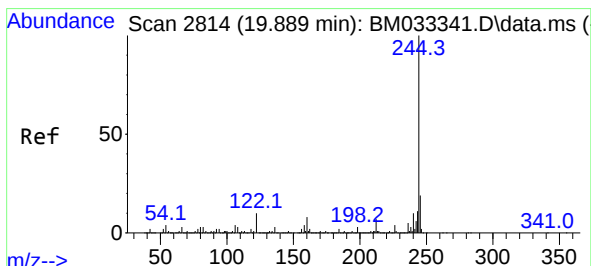
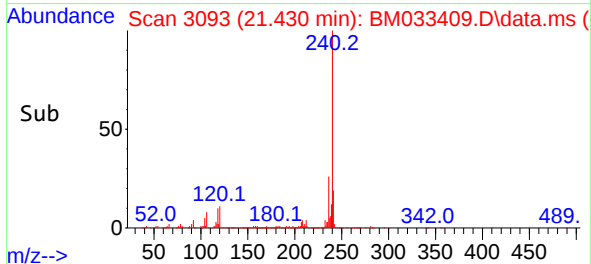
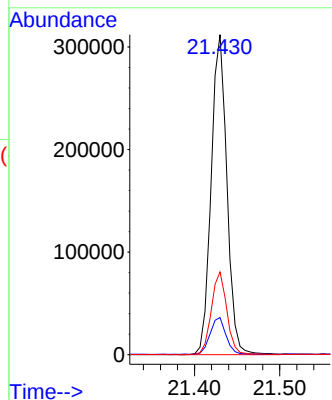
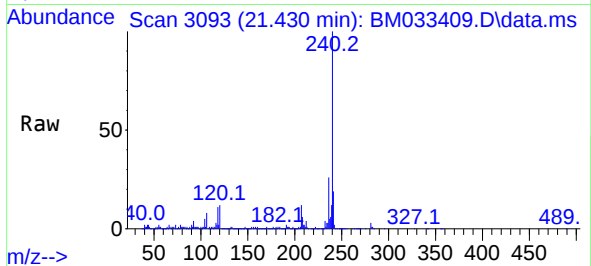




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.430 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

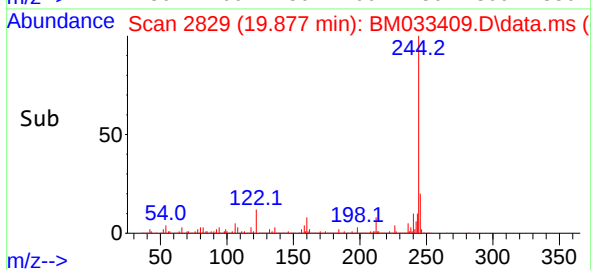
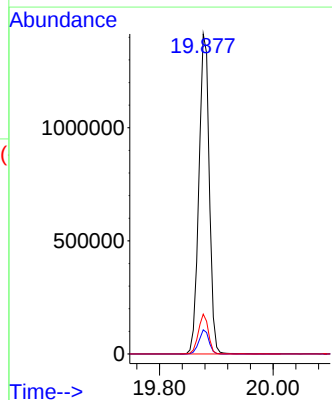
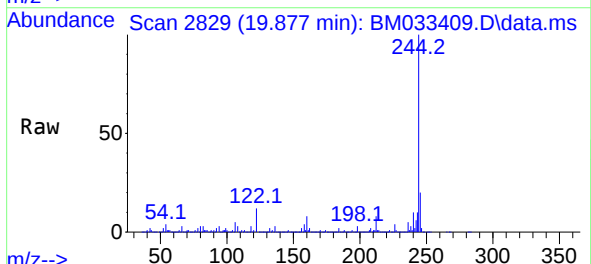
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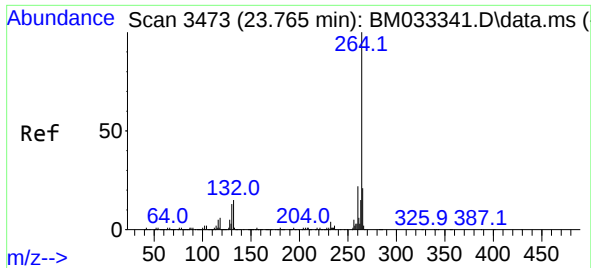
Tgt Ion:240 Resp: 401785  
Ion Ratio Lower Upper  
240 100  
120 11.6 7.8 11.6  
236 25.8 20.3 30.5



#79  
Terphenyl-d14  
Concen: 82.934 ng  
RT: 19.877 min Scan# 2829  
Delta R.T. -0.012 min  
Lab File: BM033409.D  
Acq: 11 Dec 2021 00:02

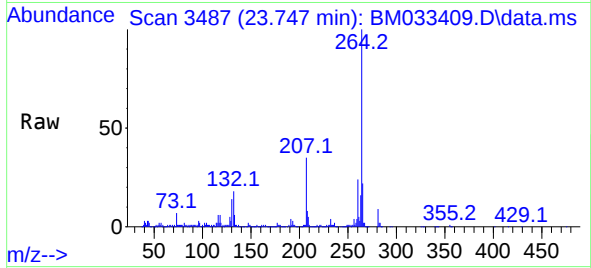
Tgt Ion:244 Resp: 1798565  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.9 8.9  
122 12.4 8.4 12.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.747 min Scan# 34  
 Delta R.T. -0.018 min  
 Lab File: BM033409.D  
 Acq: 11 Dec 2021 00:02

Instrument :  
 BNA\_M  
 ClientSampleId :



Tgt Ion:264 Resp: 355806  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 17.7 26.5  
 265 22.0 17.7 26.5

