

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120621\  
 Data File : BM033320.D  
 Acq On : 06 Dec 2021 19:49  
 Operator : CG/JU  
 Sample : M4918-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-37

Quant Time: Dec 07 03:08:49 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM112421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 06 13:01:33 2021  
 Response via : Initial Calibration

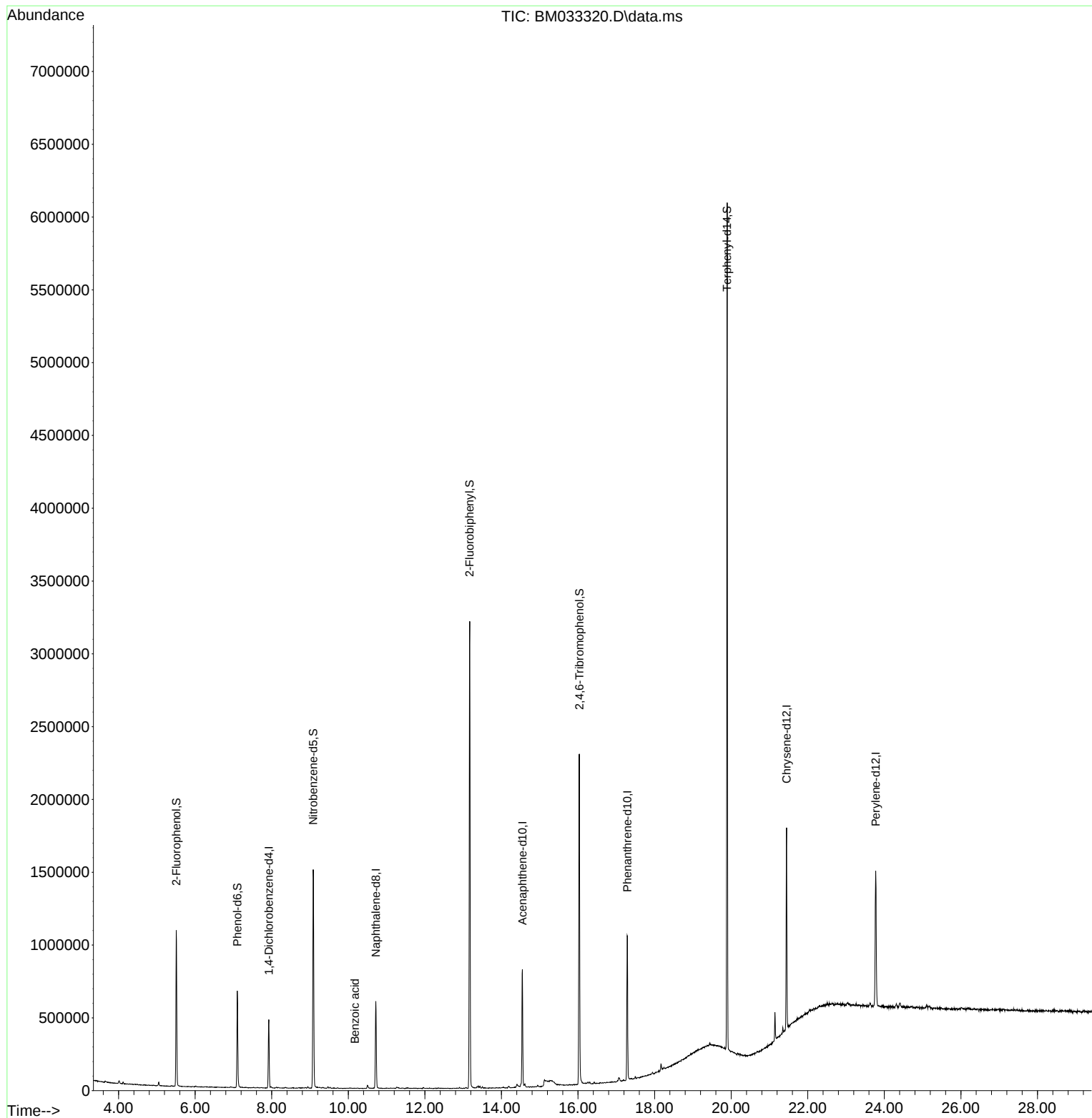
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.925  | 152  | 118224   | 20.000    | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.719 | 136  | 462247   | 20.000    | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.548 | 164  | 275958   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.289 | 188  | 594422   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.448 | 240  | 636815   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12            | 23.777 | 264  | 654489   | 20.000    | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.507  | 112  | 410905   | 57.396    | ng    | 0.00     |
| 7) Phenol-d6                | 7.101  | 99   | 342676   | 35.740    | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.084  | 82   | 886028   | 88.984    | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.036 | 330  | 360453   | 119.823   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.172 | 172  | 1614087  | 82.489    | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.895 | 244  | 2500449  | 77.642    | ng    | -0.01    |
| Target Compounds            |        |      |          |           |       |          |
| 9) Benzaldehyde             | 7.107  | 77   | 935      | Below Cal | #     | 23       |
| 32) Benzoic acid            | 10.178 | 122  | 58       | 5.231 ng  | #     | 1        |
| -----                       |        |      |          |           |       |          |

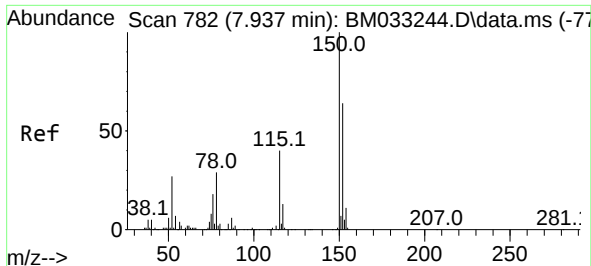
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120621\  
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Sample : M4918-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

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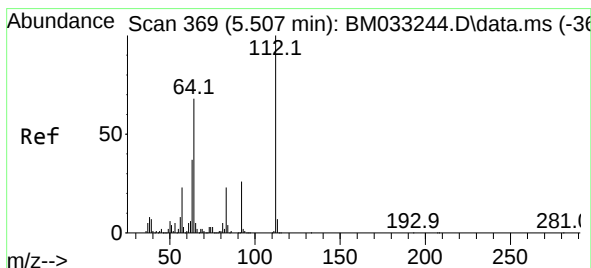
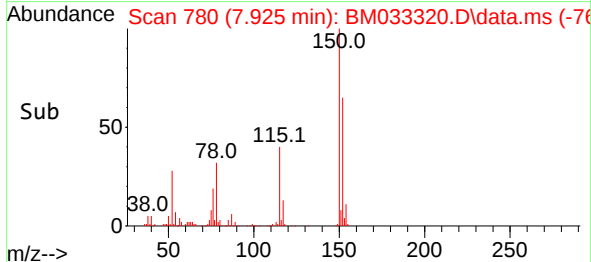
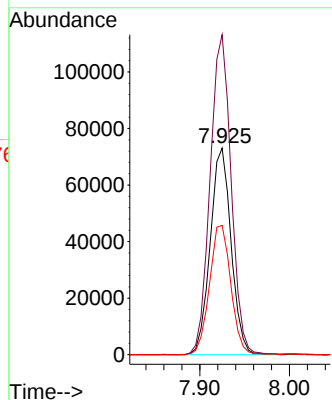
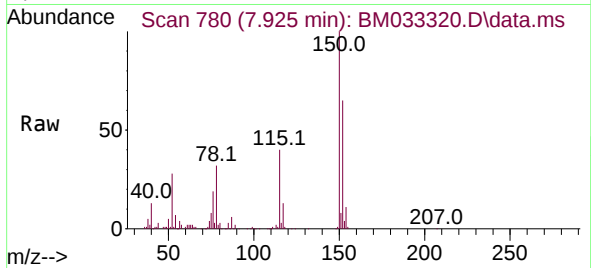




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.925 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

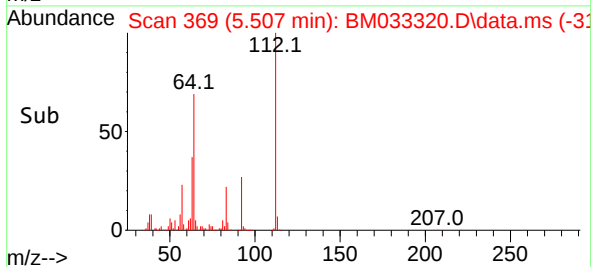
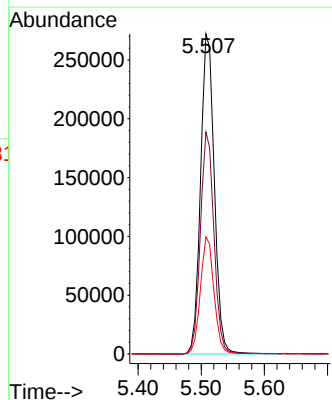
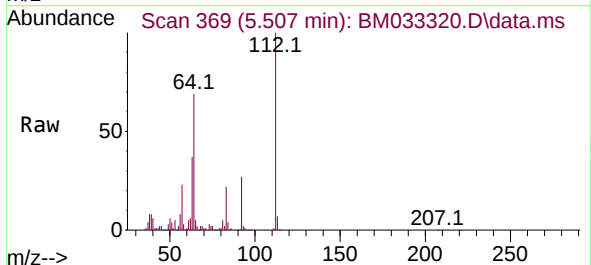
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BNA\_M  
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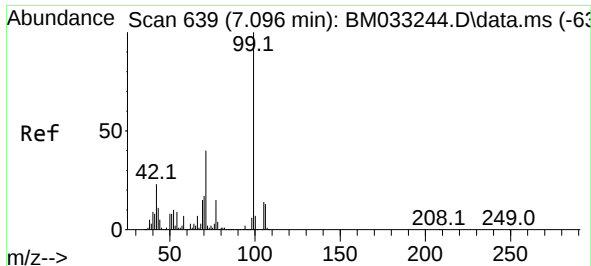
Tgt Ion:152 Resp: 118224  
Ion Ratio Lower Upper  
152 100  
150 154.9 122.4 183.6  
115 62.6 53.8 80.8



#5  
2-Fluorophenol  
Concen: 57.396 ng  
RT: 5.507 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

Tgt Ion:112 Resp: 410905  
Ion Ratio Lower Upper  
112 100  
64 69.3 53.7 80.5  
63 36.6 33.9 50.9

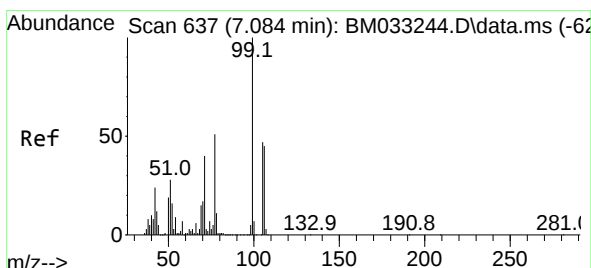
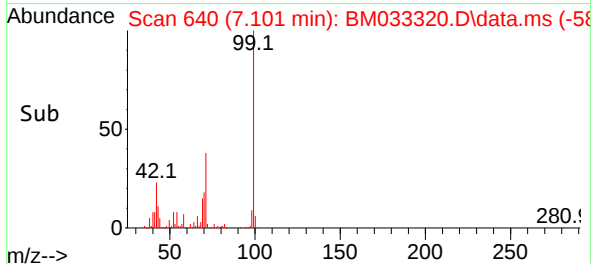
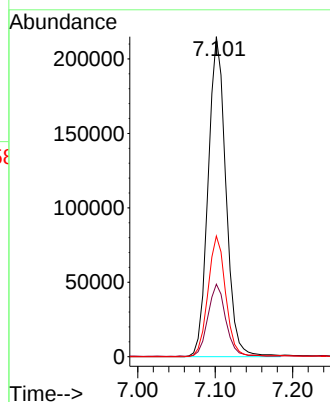
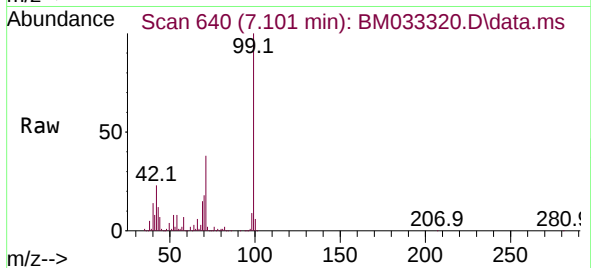




#7  
Phenol-d6  
Concen: 35.740 ng  
RT: 7.101 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

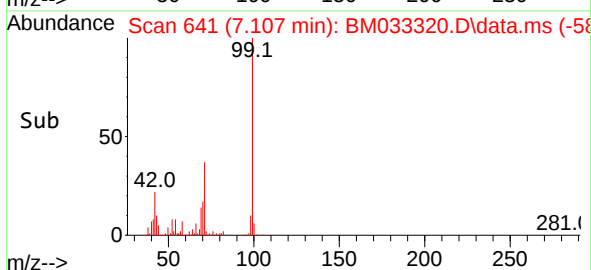
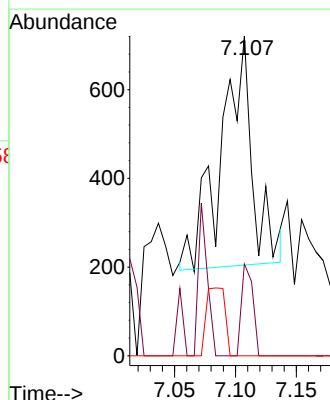
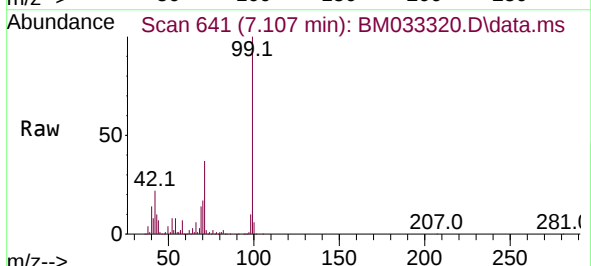
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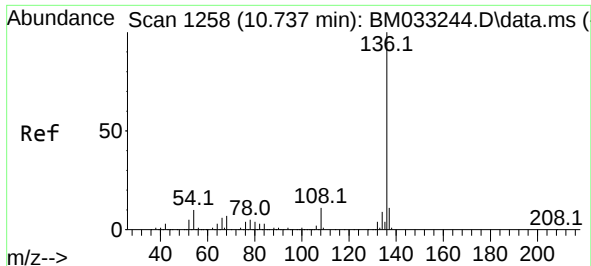
Tgt Ion: 99 Resp: 342676  
Ion Ratio Lower Upper  
99 100  
42 22.6 23.0 34.6#  
71 37.7 37.8 56.8#



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.107 min Scan# 641  
Delta R.T. 0.023 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

Tgt Ion: 77 Resp: 935  
Ion Ratio Lower Upper  
77 100  
105 28.7 68.9 108.9#  
106 0.0 61.2 101.2#

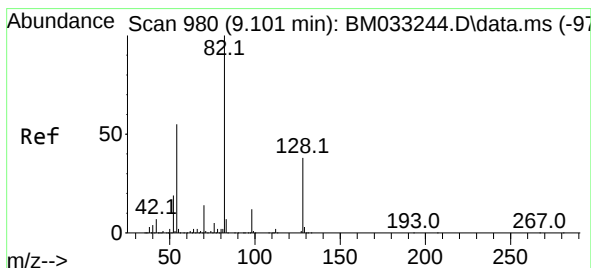
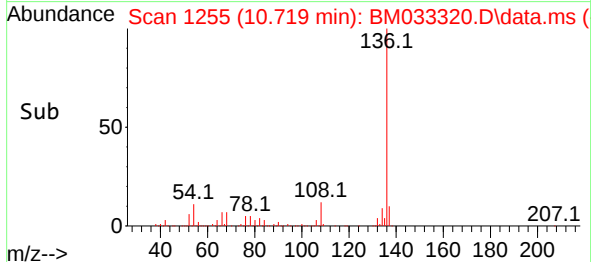
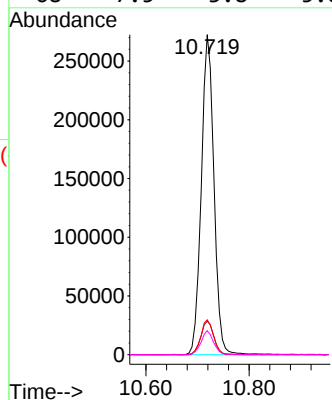
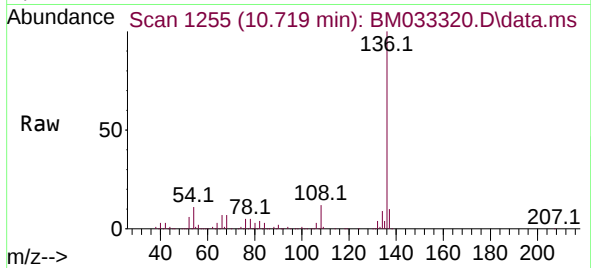




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.719 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

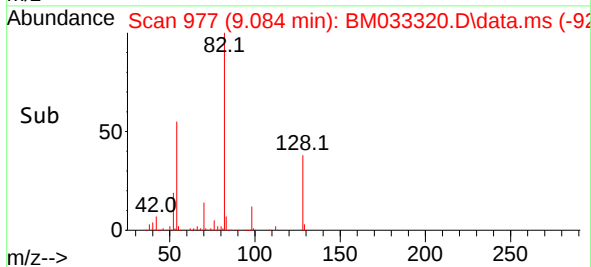
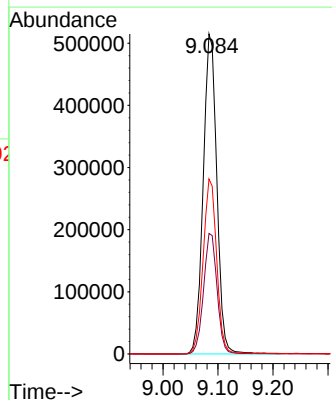
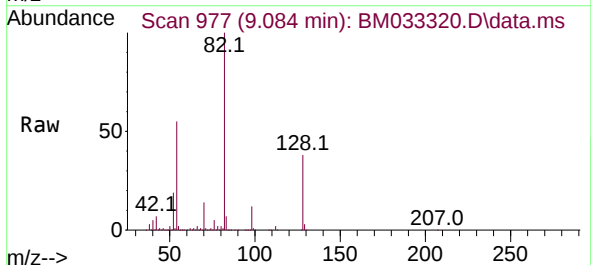
Instrument :  
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ClientSampleId :  
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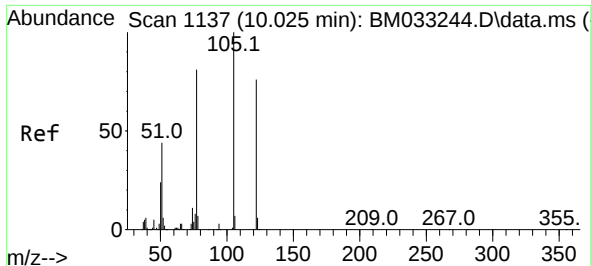
Tgt Ion:136 Resp: 462247  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.7 13.1  
54 10.9 7.4 11.0  
68 7.5 3.8 5.8#



#23  
Nitrobenzene-d5  
Concen: 88.984 ng  
RT: 9.084 min Scan# 977  
Delta R.T. -0.018 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

Tgt Ion: 82 Resp: 886028  
Ion Ratio Lower Upper  
82 100  
128 37.7 29.0 43.6  
54 54.7 45.8 68.8

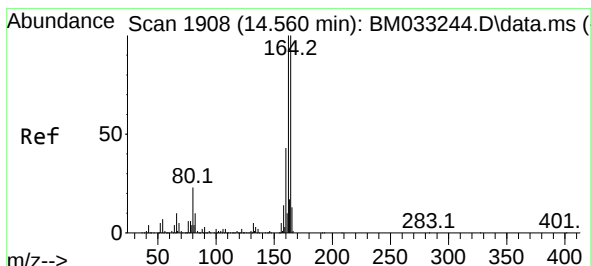
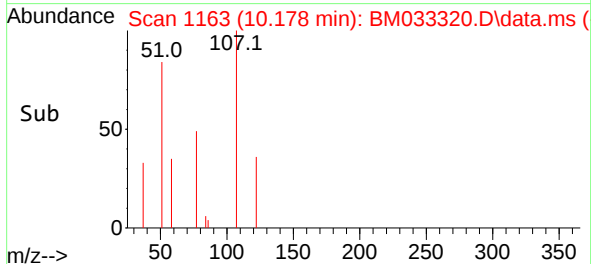
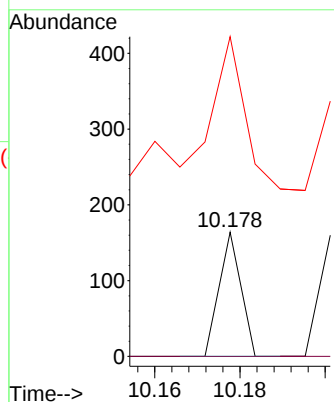
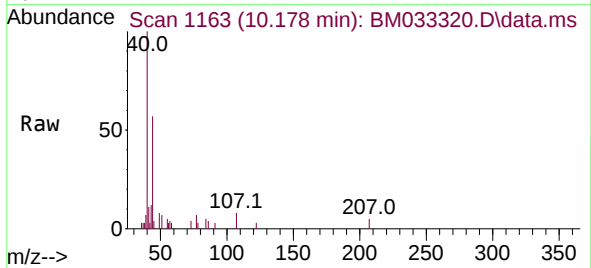




#32  
Benzoic acid  
Concen: 5.231 ng  
RT: 10.178 min Scan# 1137  
Delta R.T. 0.153 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

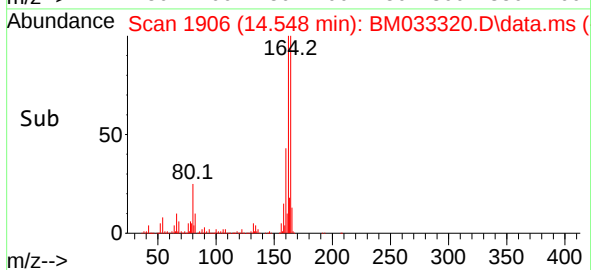
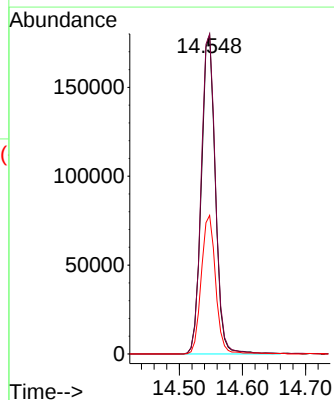
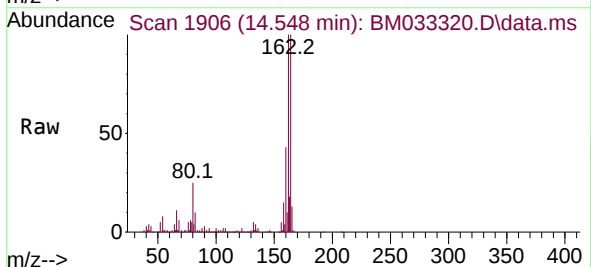
Instrument :  
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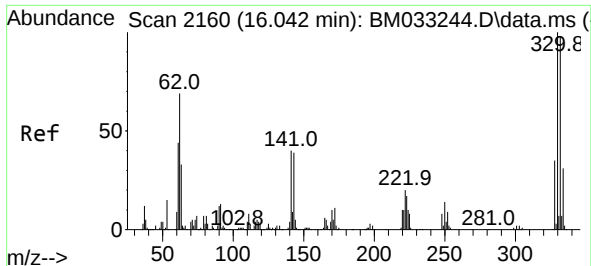
Tgt Ion:122 Resp: 58  
Ion Ratio Lower Upper  
122 100  
105 0.0 120.3 160.3#  
77 257.3 100.0 140.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.548 min Scan# 1906  
Delta R.T. -0.012 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

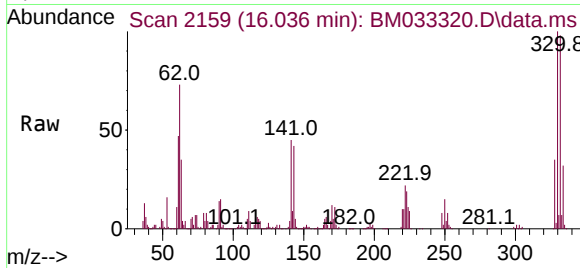
Tgt Ion:164 Resp: 275958  
Ion Ratio Lower Upper  
164 100  
162 100.3 80.6 121.0  
160 43.4 35.1 52.7



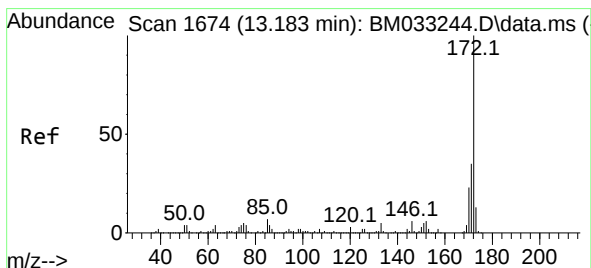
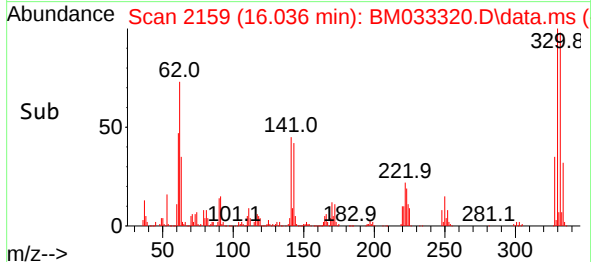
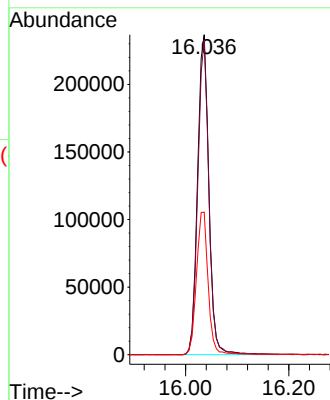


#42  
2,4,6-Tribromophenol  
Concen: 119.823 ng  
RT: 16.036 min Scan# 2160  
Delta R.T. -0.006 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

Instrument :  
BNA\_M  
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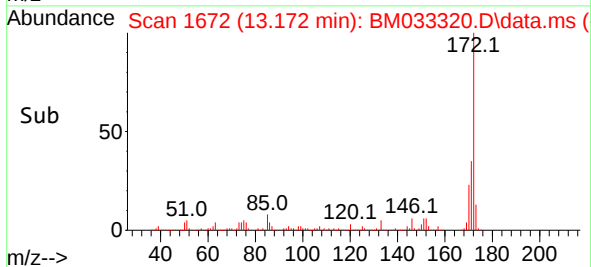
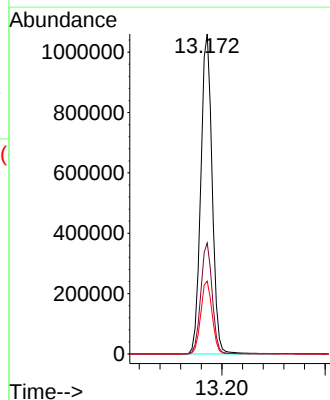
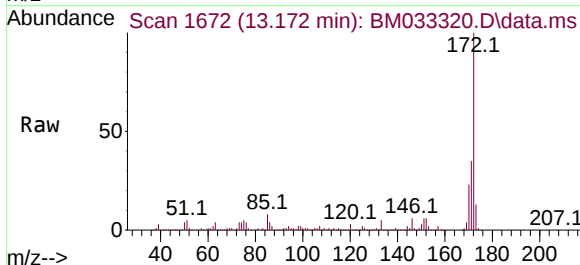


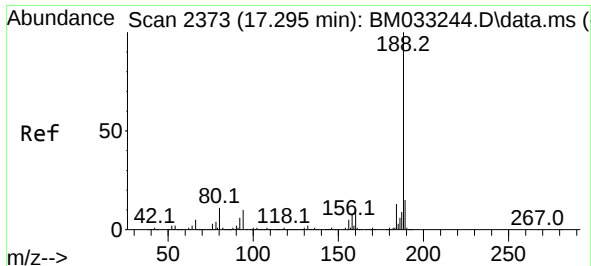
Tgt Ion:330 Resp: 360453  
Ion Ratio Lower Upper  
330 100  
332 95.9 75.7 113.5  
141 46.0 50.7 76.1#



#45  
2-Fluorobiphenyl  
Concen: 82.489 ng  
RT: 13.172 min Scan# 1672  
Delta R.T. -0.012 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

Tgt Ion:172 Resp: 1614087  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.1 42.1  
170 22.7 18.6 27.8

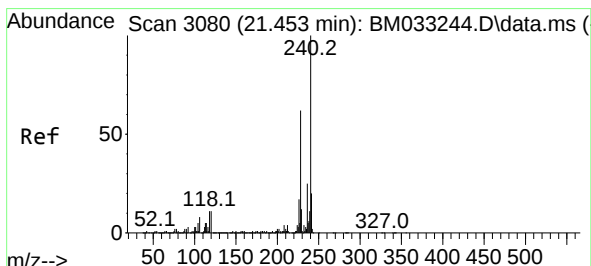
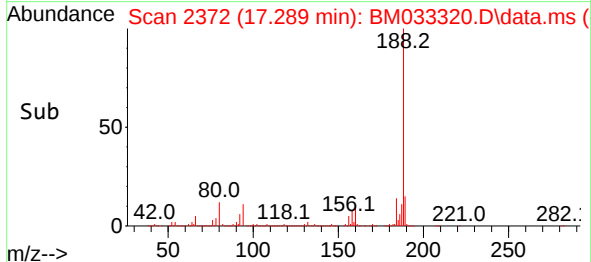
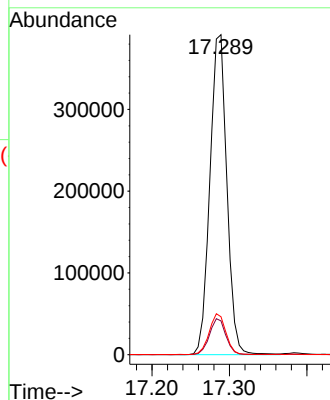
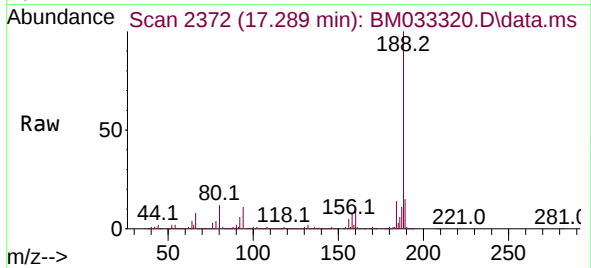




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.289 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

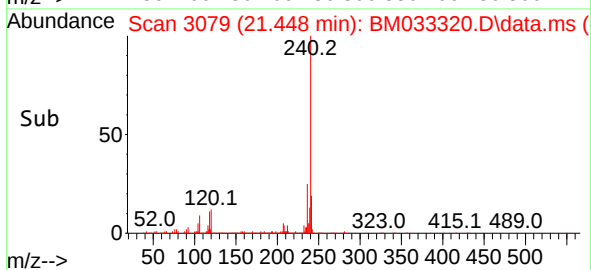
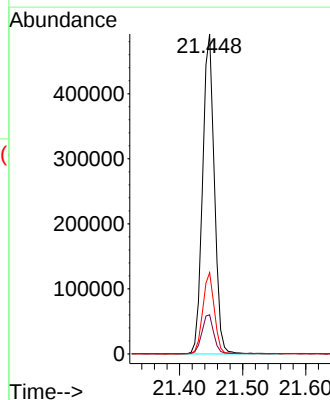
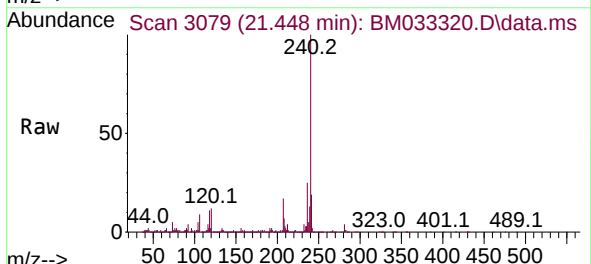
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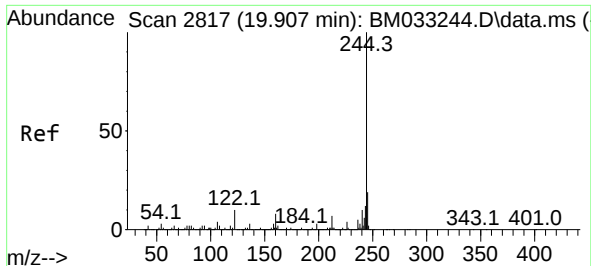
Tgt Ion:188 Resp: 594422  
Ion Ratio Lower Upper  
188 100  
94 10.6 6.3 9.5#  
80 11.8 7.3 10.9#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.448 min Scan# 3079  
Delta R.T. -0.006 min  
Lab File: BM033320.D  
Acq: 06 Dec 2021 19:49

Tgt Ion:240 Resp: 636815  
Ion Ratio Lower Upper  
240 100  
120 12.2 7.8 11.6#  
236 25.4 20.9 31.3

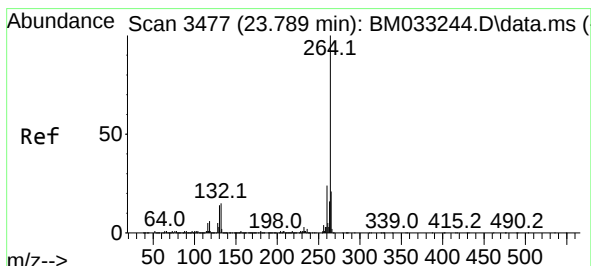
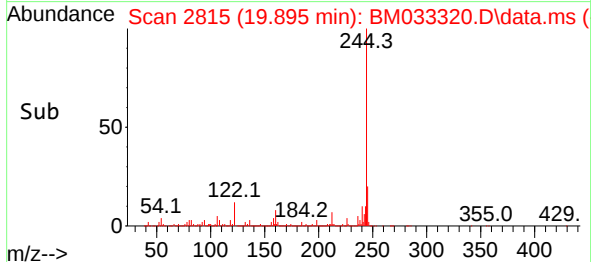
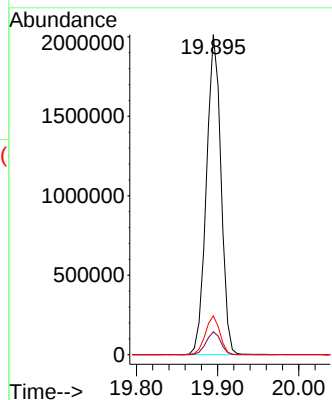
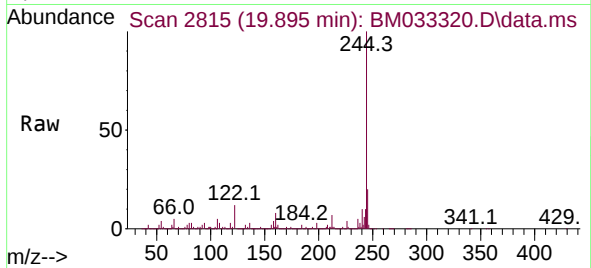




#79  
 Terphenyl-d14  
 Concen: 77.642 ng  
 RT: 19.895 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM033320.D  
 Acq: 06 Dec 2021 19:49

Instrument :  
 BNA\_M  
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Tgt Ion:244 Resp: 2500449  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.5 9.7  
 122 12.2 8.7 13.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.777 min Scan# 3475  
 Delta R.T. -0.012 min  
 Lab File: BM033320.D  
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Tgt Ion:264 Resp: 654489  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.3 28.9  
 265 22.7 18.3 27.5

