

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010722\  
 Data File : BM033669.D  
 Acq On : 07 Jan 2022 15:08  
 Operator : CG/JU  
 Sample : PB141870BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB141870BL

Quant Time: Jan 08 06:52:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 17:07:26 2022  
 Response via : Initial Calibration

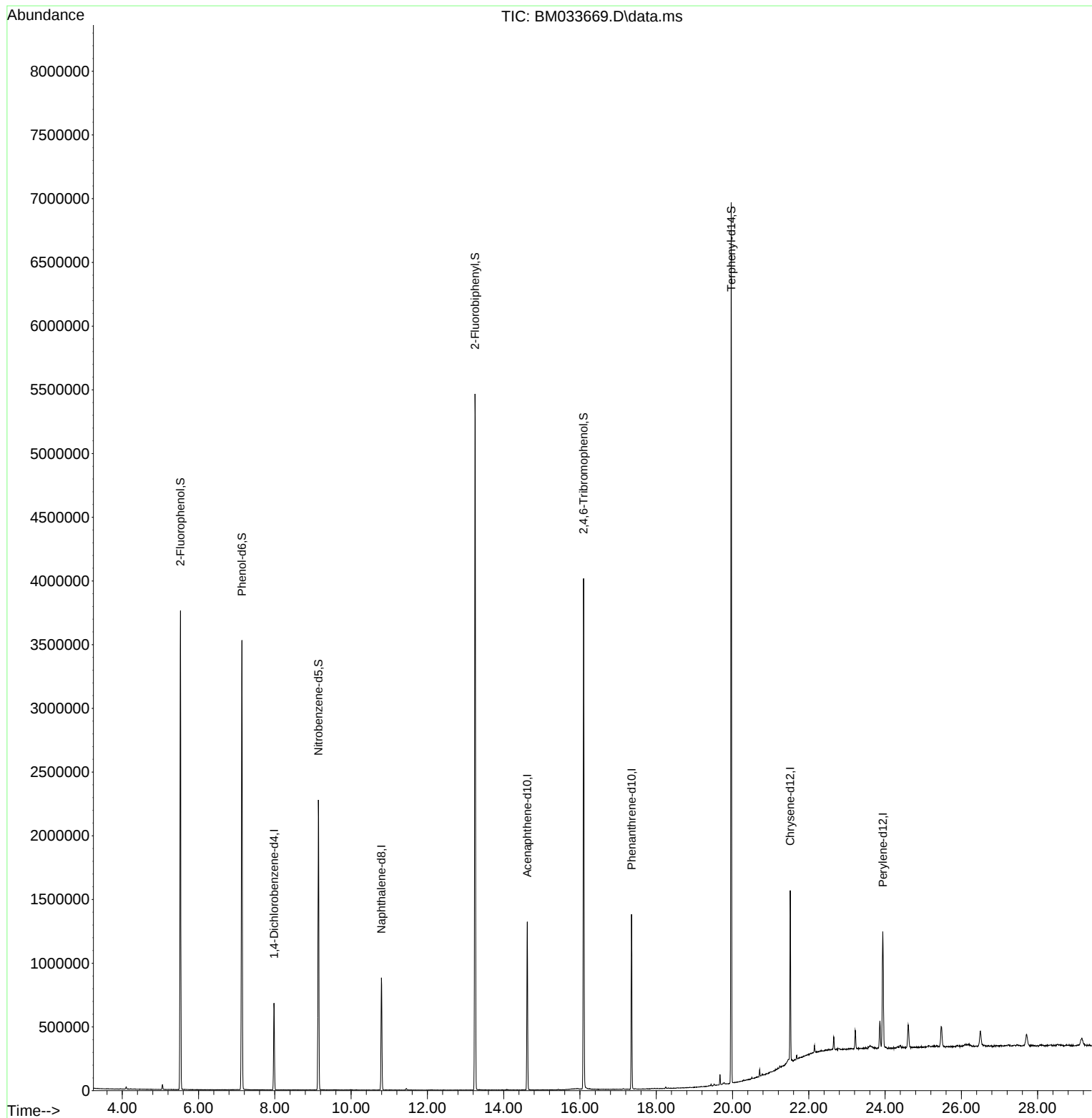
| Compound                    | R.T.   | QIon | Response | Conc      | Units    | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|----------|----------|
| -----                       |        |      |          |           |          |          |
| Internal Standards          |        |      |          |           |          |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.978  | 152  | 166470   | 20.000    | ng       | 0.00     |
| 21) Naphthalene-d8          | 10.795 | 136  | 683407   | 20.000    | ng       | -0.01    |
| 39) Acenaphthene-d10        | 14.618 | 164  | 422654   | 20.000    | ng       | 0.00     |
| 64) Phenanthrene-d10        | 17.354 | 188  | 761147   | 20.000    | ng       | 0.00     |
| 76) Chrysene-d12            | 21.512 | 240  | 593543   | 20.000    | ng       | -0.01    |
| 86) Perylene-d12            | 23.941 | 264  | 656635   | 20.000    | ng       | -0.01    |
| System Monitoring Compounds |        |      |          |           |          |          |
| 5) 2-Fluorophenol           | 5.525  | 112  | 1441100  | 136.530   | ng       | 0.00     |
| 7) Phenol-d6                | 7.137  | 99   | 1828594  | 128.540   | ng       | 0.00     |
| 23) Nitrobenzene-d5         | 9.142  | 82   | 1239841  | 83.785    | ng       | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.095 | 330  | 648745   | 146.958   | ng       | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.248 | 172  | 2674526  | 82.882    | ng       | -0.01    |
| 79) Terphenyl-d14           | 19.965 | 244  | 2877893  | 87.276    | ng       | 0.00     |
| Target Compounds            |        |      |          |           |          |          |
| 9) Benzaldehyde             | 7.137  | 77   | 4156     | Below Cal | Qvalue # | 10       |
| -----                       |        |      |          |           |          |          |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 05 17:07:26 2022  
Response via : Initial Calibration

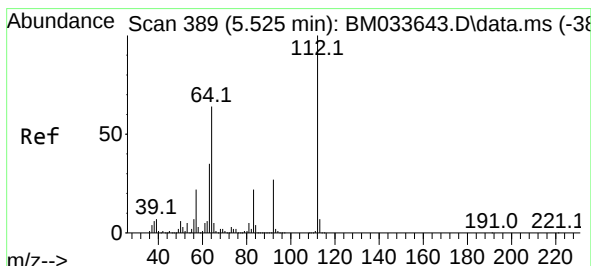
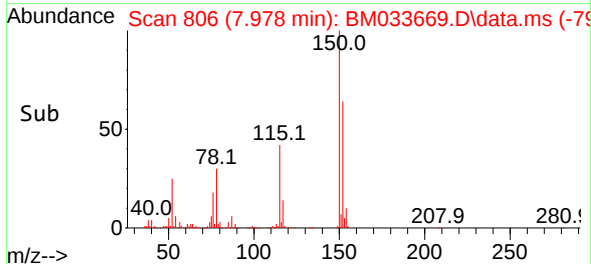
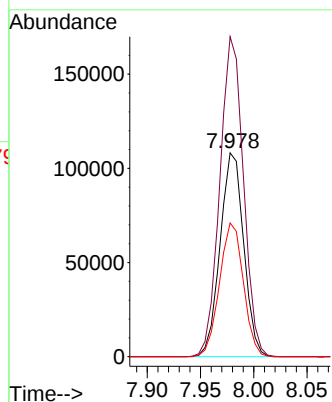
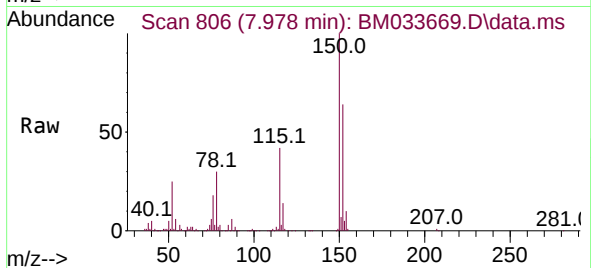




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.978 min Scan# 807  
Delta R.T. -0.006 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

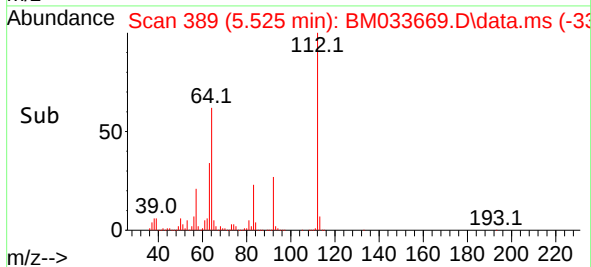
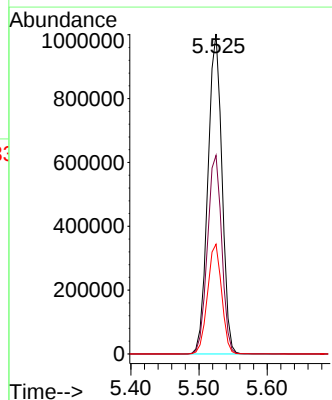
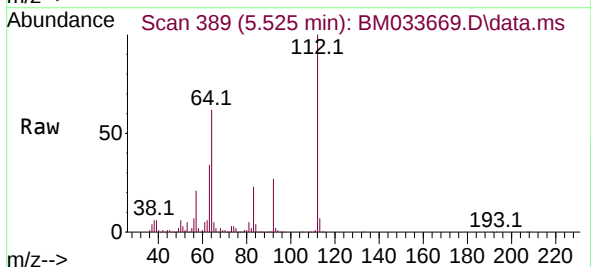
Instrument :  
BNA\_M  
ClientSampleId :  
PB141870BL

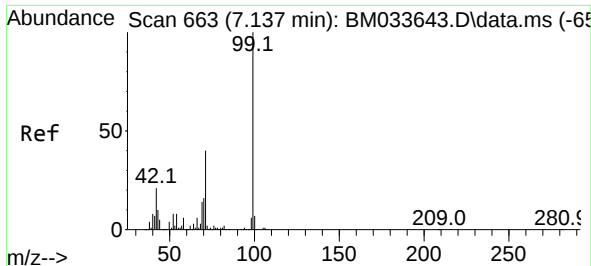
Tgt Ion:152 Resp: 166470  
Ion Ratio Lower Upper  
152 100  
150 157.0 128.9 193.3  
115 65.6 53.0 79.6



#5  
2-Fluorophenol  
Concen: 136.530 ng  
RT: 5.525 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

Tgt Ion:112 Resp: 1441100  
Ion Ratio Lower Upper  
112 100  
64 62.1 55.5 83.3  
63 34.3 31.3 46.9



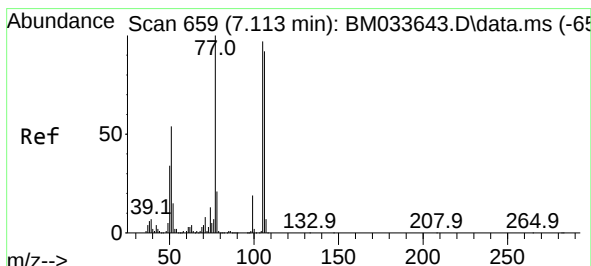
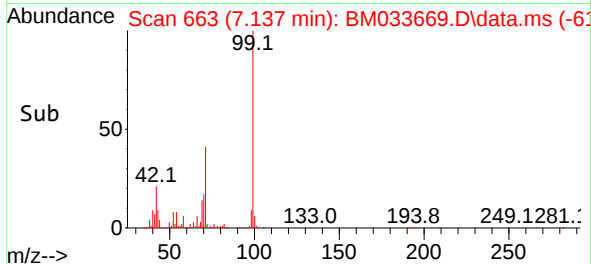
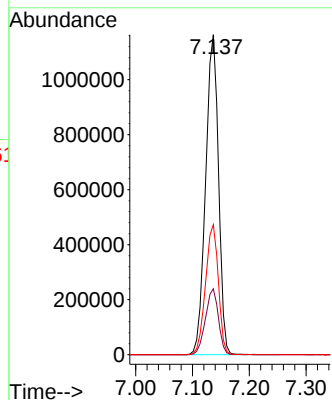
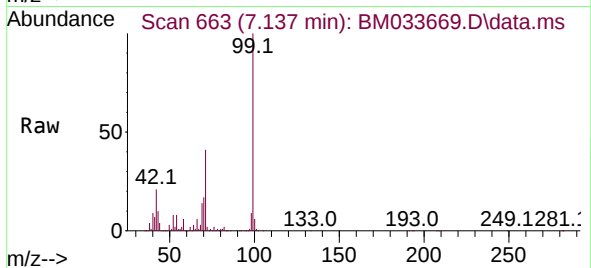


#7  
Phenol-d6  
Concen: 128.540 ng  
RT: 7.137 min Scan# 663  
Delta R.T. -0.000 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

Instrument :  
BNA\_M  
ClientSampleId :  
PB141870BL

Tgt Ion: 99 Resp: 1828594

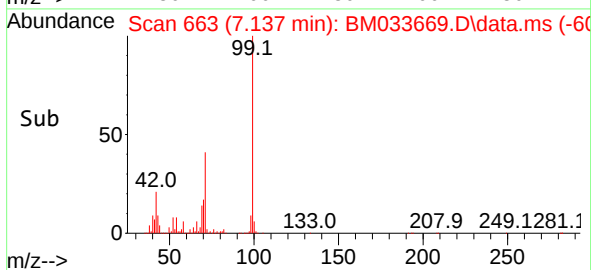
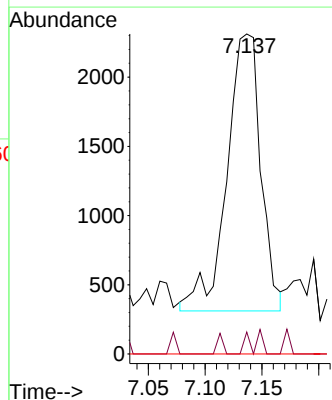
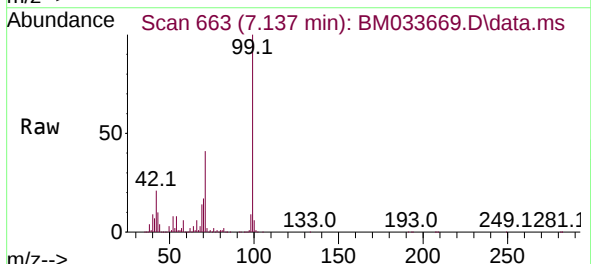
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.6  | 20.3  | 30.5  |
| 71  | 40.6  | 34.5  | 51.7  |

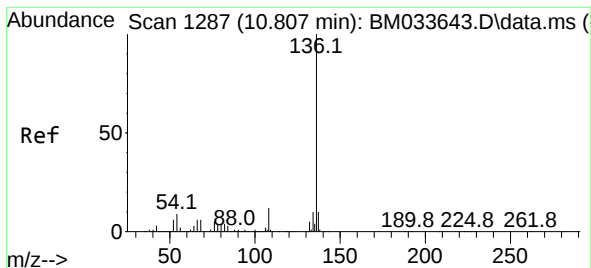


#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.137 min Scan# 663  
Delta R.T. 0.024 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

Tgt Ion: 77 Resp: 4156

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 77  | 100   |       |        |
| 105 | 6.9   | 67.1  | 107.1# |
| 106 | 0.0   | 64.3  | 104.3# |



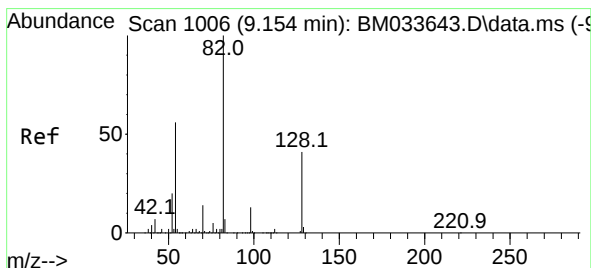
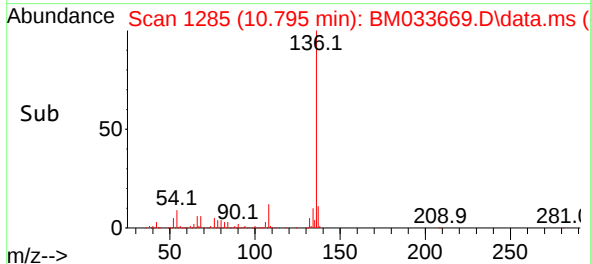
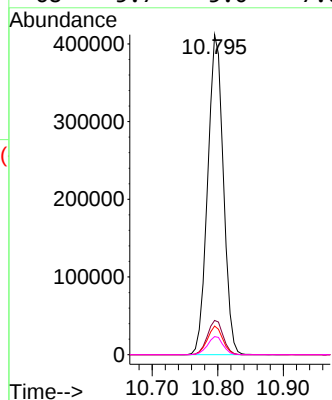
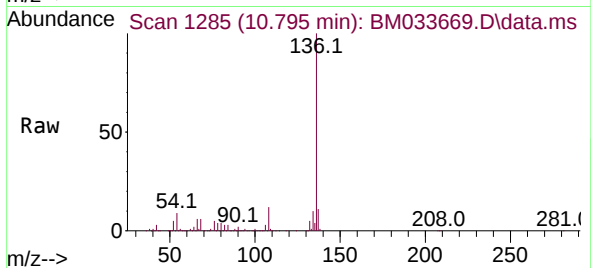


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.795 min Scan# 1004  
Delta R.T. -0.012 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

Instrument :  
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Tgt Ion:136 Resp: 683407

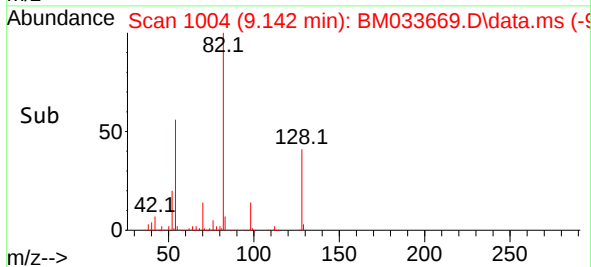
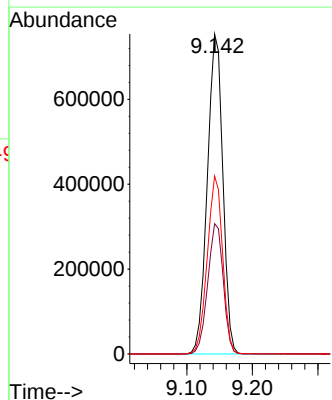
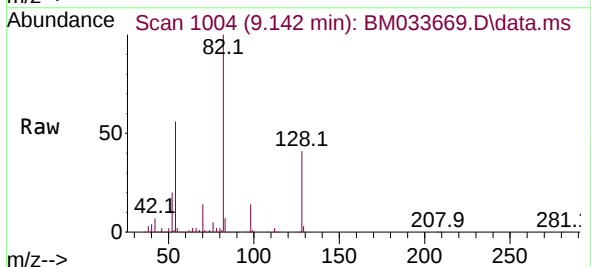
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 13.0  |
| 54  | 9.0   | 8.3   | 12.5  |
| 68  | 5.7   | 5.0   | 7.6   |

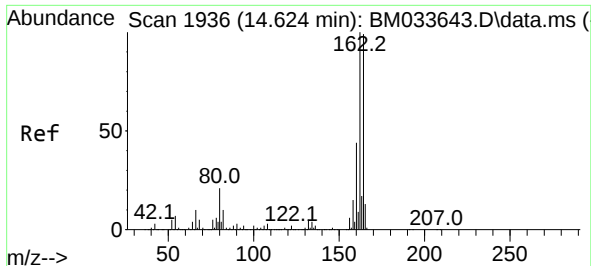


#23  
Nitrobenzene-d5  
Concen: 83.785 ng  
RT: 9.142 min Scan# 1004  
Delta R.T. -0.012 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

Tgt Ion: 82 Resp: 1239841

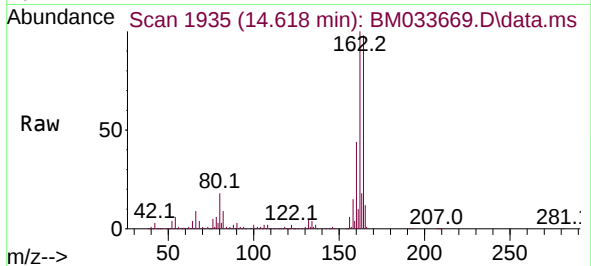
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.7  | 28.1  | 42.1  |
| 54  | 55.6  | 46.1  | 69.1  |



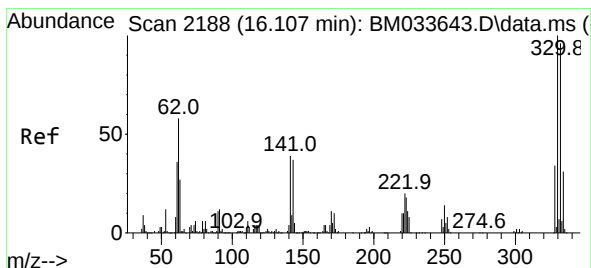
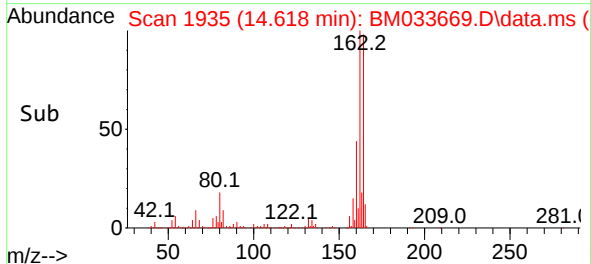
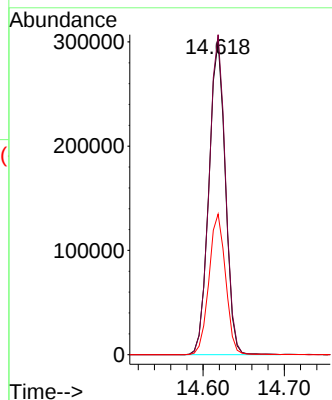


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.618 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

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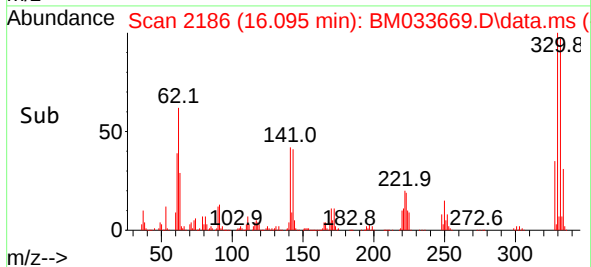
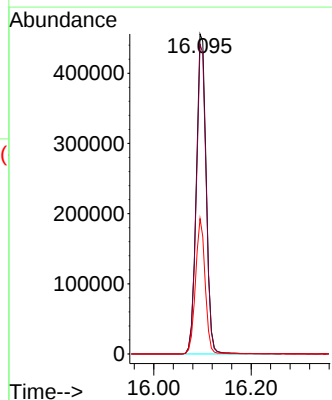
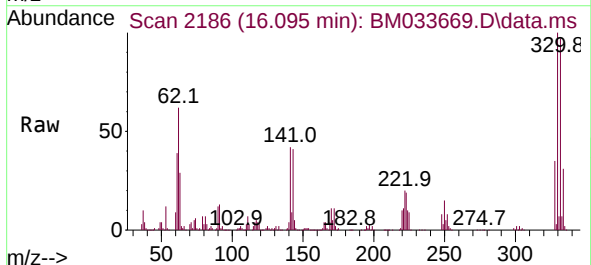


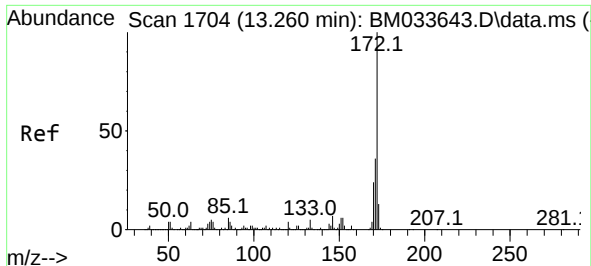
Tgt Ion:164 Resp: 422654  
Ion Ratio Lower Upper  
164 100  
162 102.0 79.7 119.5  
160 44.8 34.2 51.4



#42  
2,4,6-Tribromophenol  
Concen: 146.958 ng  
RT: 16.095 min Scan# 2186  
Delta R.T. -0.012 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

Tgt Ion:330 Resp: 648745  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.5 114.7  
141 40.9 35.9 53.9

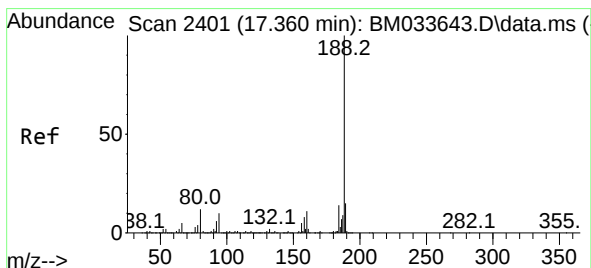
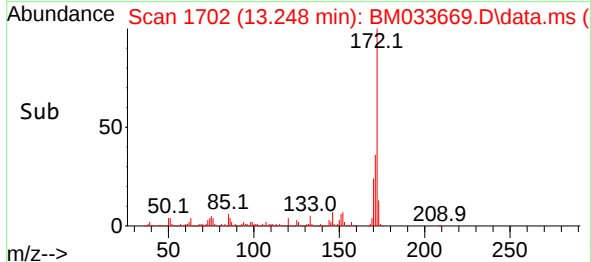
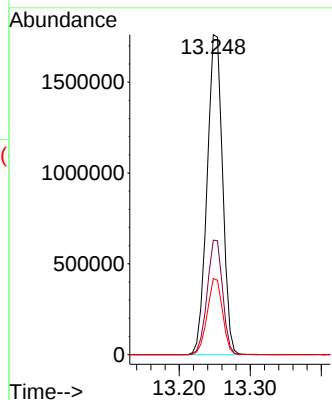
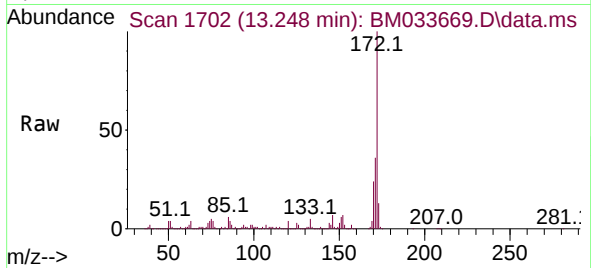




#45  
2-Fluorobiphenyl  
Concen: 82.882 ng  
RT: 13.248 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

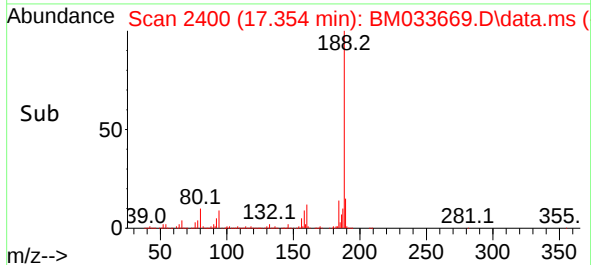
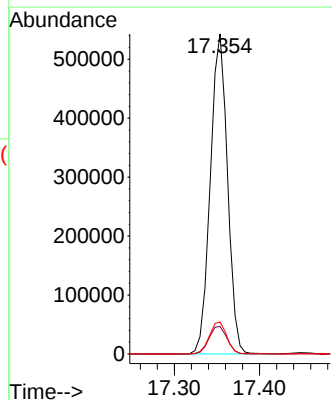
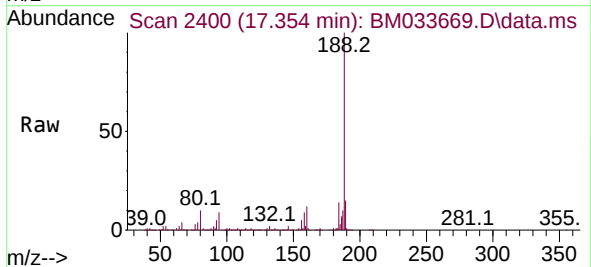
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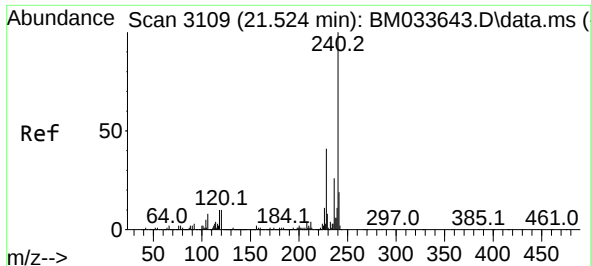
Tgt Ion:172 Resp: 2674526  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.2 40.8  
170 23.8 18.7 28.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.354 min Scan# 2400  
Delta R.T. -0.006 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

Tgt Ion:188 Resp: 761147  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.5 11.3  
80 10.0 8.9 13.3

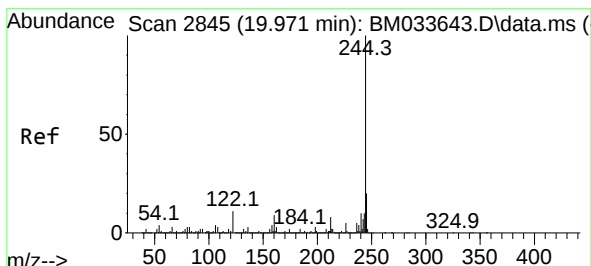
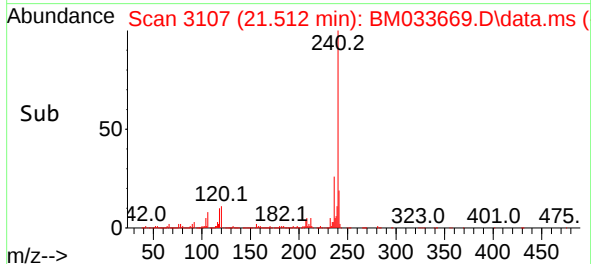
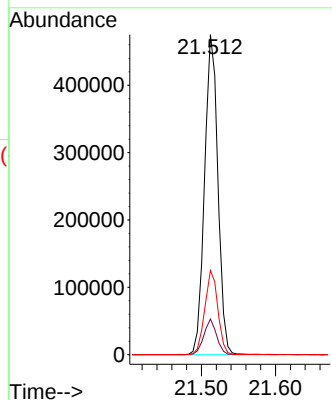
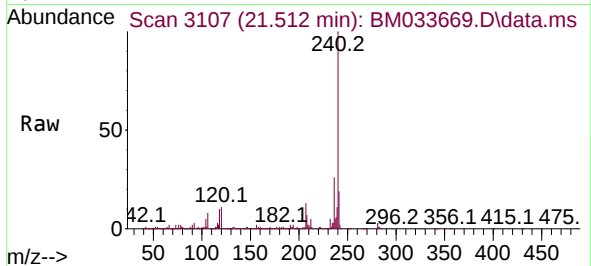




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.512 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

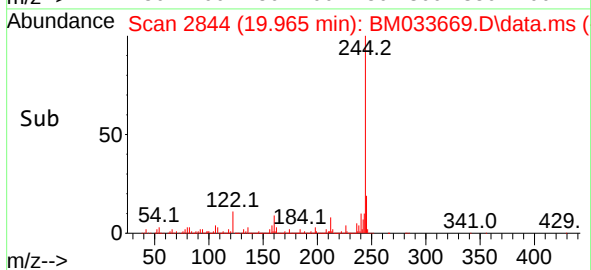
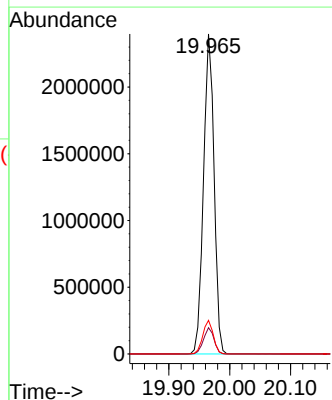
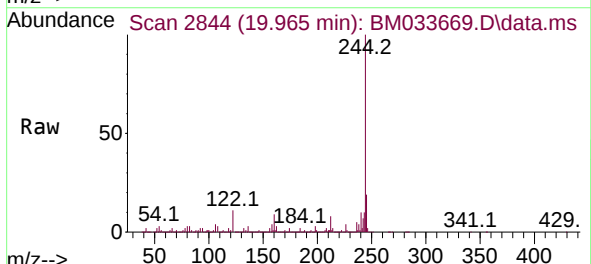
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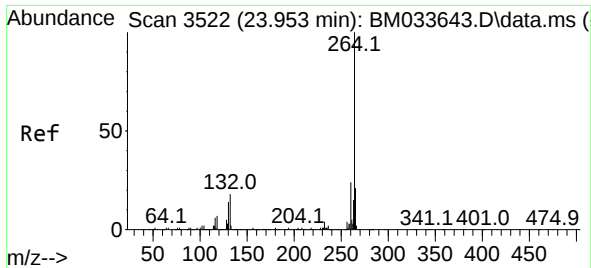
Tgt Ion:240 Resp: 593543  
Ion Ratio Lower Upper  
240 100  
120 11.2 7.8 11.6  
236 26.3 20.3 30.5



#79  
Terphenyl-d14  
Concen: 87.276 ng  
RT: 19.965 min Scan# 2844  
Delta R.T. -0.006 min  
Lab File: BM033669.D  
Acq: 07 Jan 2022 15:08

Tgt Ion:244 Resp: 2877893  
Ion Ratio Lower Upper  
244 100  
212 8.2 5.9 8.9  
122 10.5 8.4 12.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.941 min Scan# 31  
 Delta R.T. -0.012 min  
 Lab File: BM033669.D  
 Acq: 07 Jan 2022 15:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB141870BL

Tgt Ion:264 Resp: 656635  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 17.7 26.5  
 265 21.9 17.7 26.5

