

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102221\  
 Data File : BM032683.D  
 Acq On : 22 Oct 2021 19:45  
 Operator : CG/JU  
 Sample : M4315-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MH-D-S

Quant Time: Oct 23 01:31:27 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM100221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 23 01:22:28 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.542  | 152  | 204006   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.325 | 136  | 780979   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.201 | 164  | 423064   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.936 | 188  | 720265   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.112 | 240  | 616129   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.247 | 264  | 658127   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.131  | 112  | 1013806  | 83.731 | ng    | 0.00     |
| 7) Phenol-d6                | 6.742  | 99   | 1242815  | 75.060 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.695  | 82   | 752571   | 53.595 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.689 | 330  | 301887   | 63.740 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.813 | 172  | 1529689  | 53.760 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.559 | 244  | 1499552  | 51.257 | ng    | 0.00     |

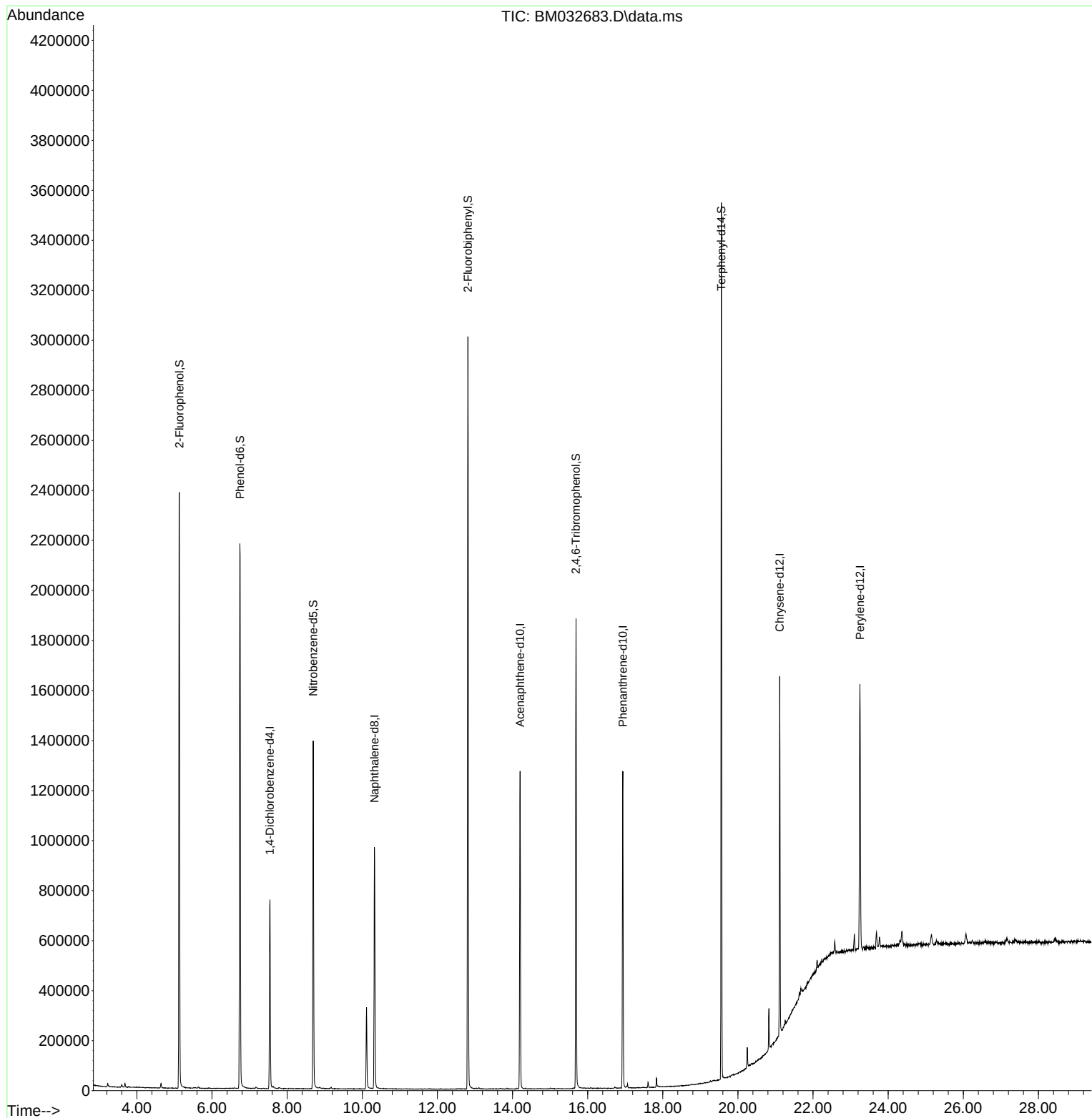
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

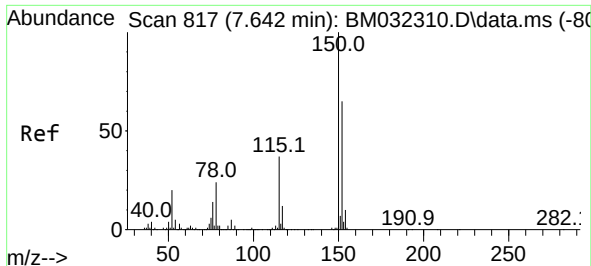
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM100221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 23 01:22:28 2021  
Response via : Initial Calibration

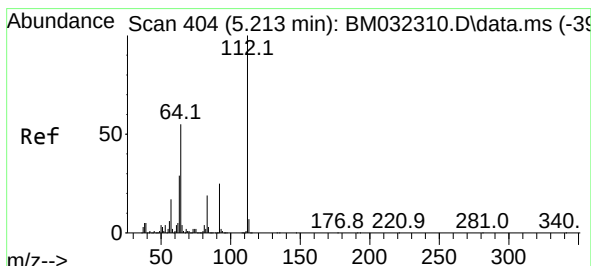
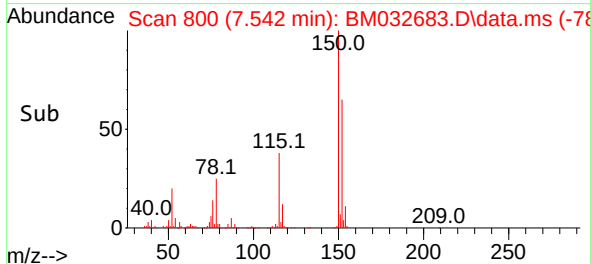
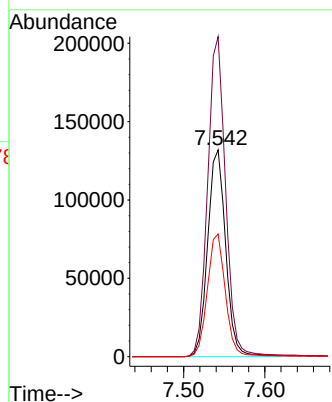
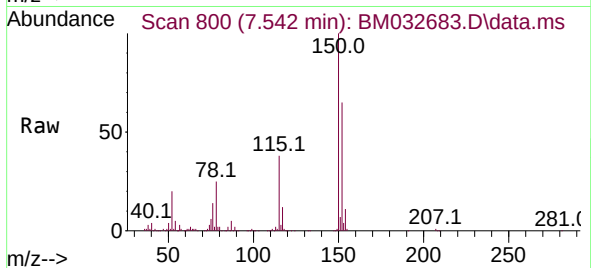




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.542 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

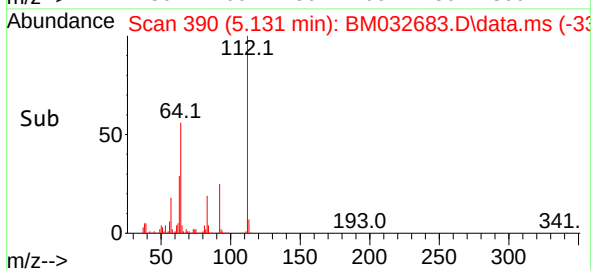
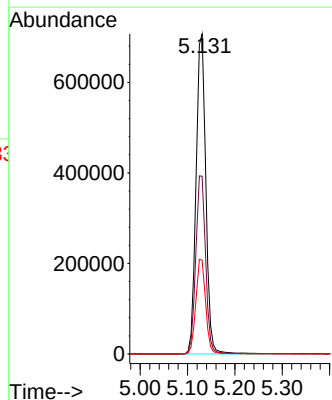
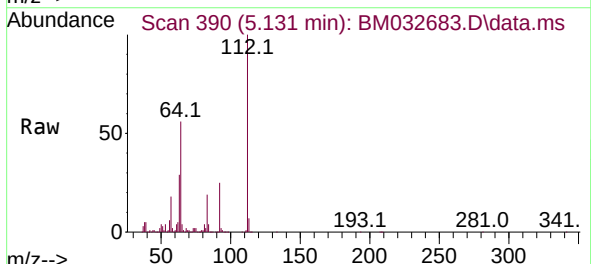
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BNA\_M  
ClientSampleId :  
MH-D-S

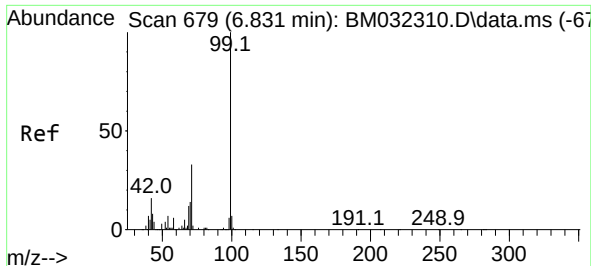
Tgt Ion:152 Resp: 204006  
Ion Ratio Lower Upper  
152 100  
150 154.7 122.4 183.6  
115 59.3 53.8 80.8



#5  
2-Fluorophenol  
Concen: 83.731 ng  
RT: 5.131 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

Tgt Ion:112 Resp: 1013806  
Ion Ratio Lower Upper  
112 100  
64 55.6 53.7 80.5  
63 29.3 33.9 50.9#

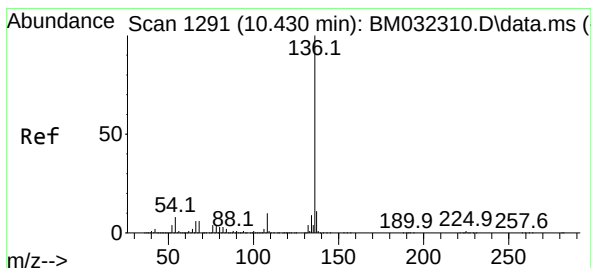
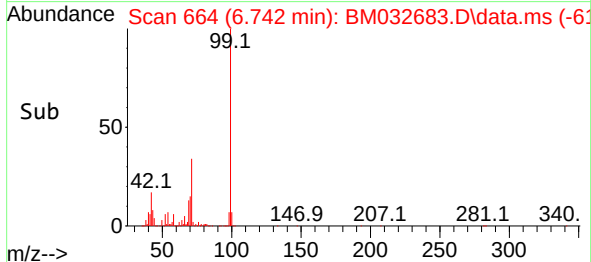
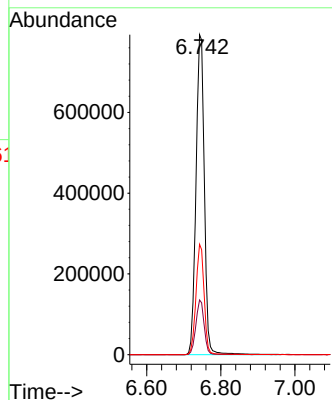
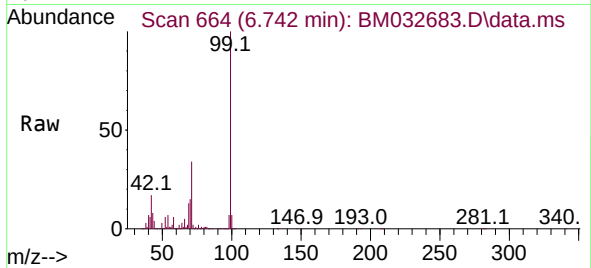




#7  
Phenol-d6  
Concen: 75.060 ng  
RT: 6.742 min Scan# 664  
Delta R.T. -0.006 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

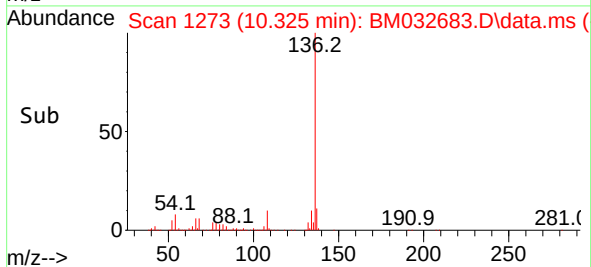
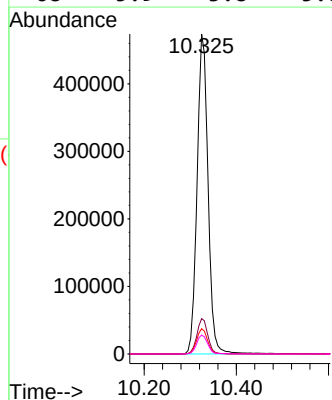
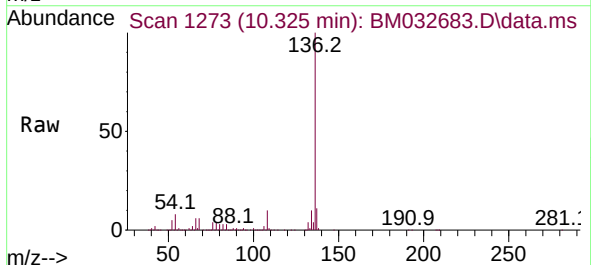
Instrument :  
BNA\_M  
ClientSampleId :  
MH-D-S

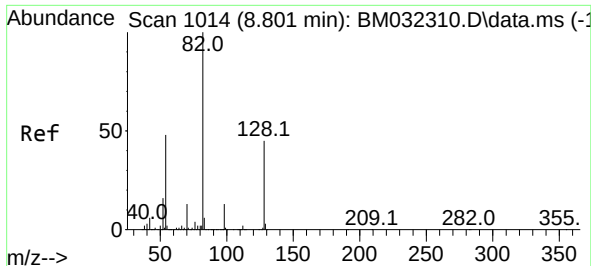
Tgt Ion: 99 Resp: 1242815  
Ion Ratio Lower Upper  
99 100  
42 17.1 23.0 34.6#  
71 34.5 37.8 56.8#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.325 min Scan# 1273  
Delta R.T. -0.006 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

Tgt Ion: 136 Resp: 780979  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.7 13.1  
54 7.9 7.4 11.0  
68 5.9 3.8 5.8#

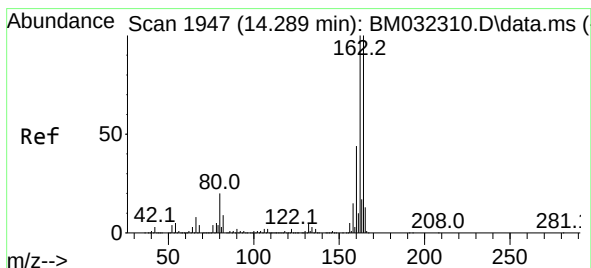
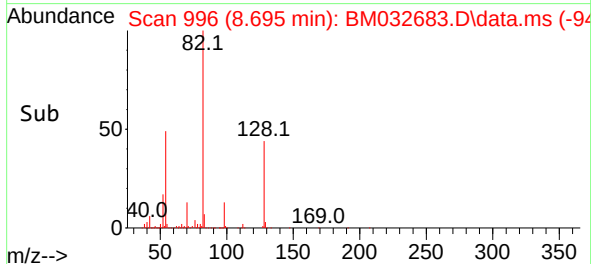
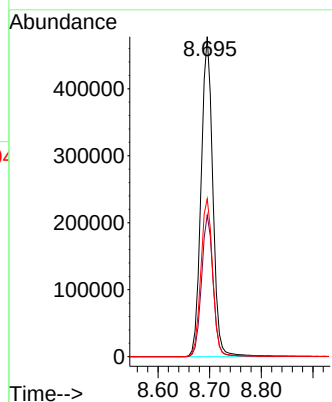
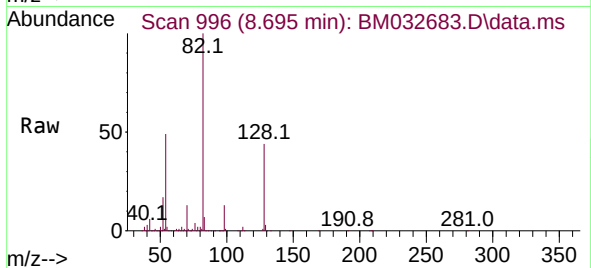




#23  
Nitrobenzene-d5  
Concen: 53.595 ng  
RT: 8.695 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

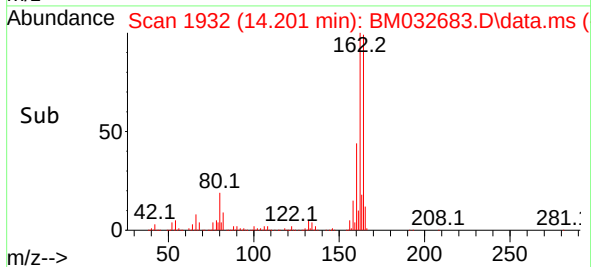
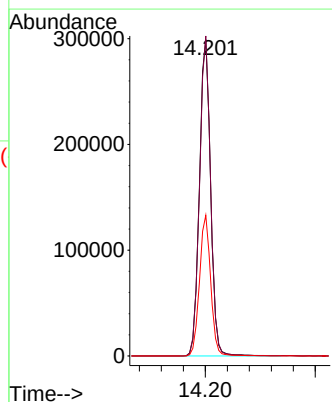
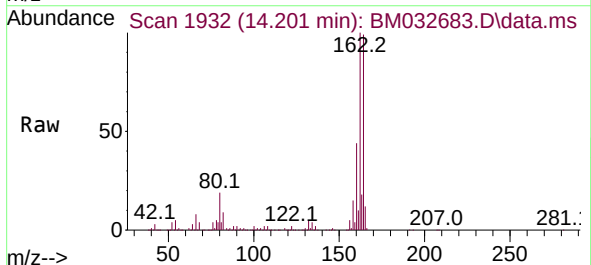
Instrument :  
BNA\_M  
ClientSampleId :  
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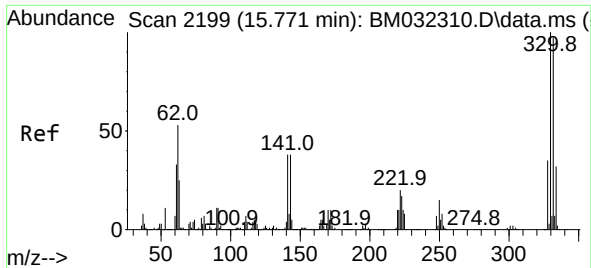
Tgt Ion: 82 Resp: 752571  
Ion Ratio Lower Upper  
82 100  
128 44.3 29.0 43.6#  
54 49.3 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.201 min Scan# 1932  
Delta R.T. -0.006 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

Tgt Ion: 164 Resp: 423064  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.6 121.0  
160 44.4 35.1 52.7

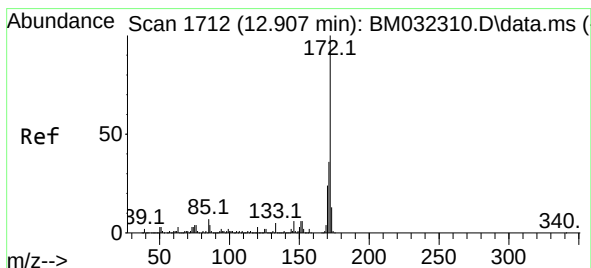
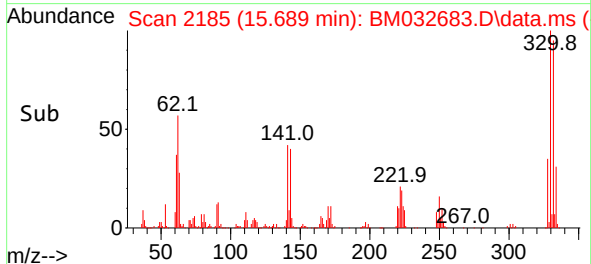
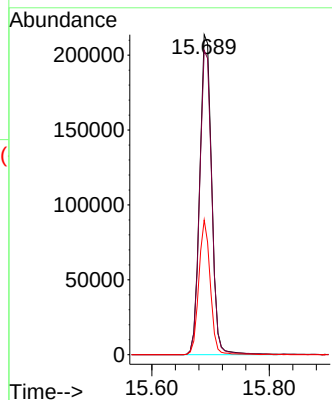
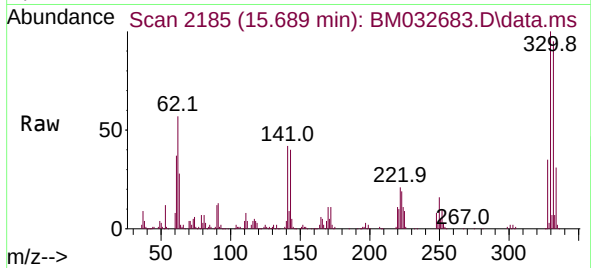




#42  
2,4,6-Tribromophenol  
Concen: 63.740 ng  
RT: 15.689 min Scan# 2185  
Delta R.T. -0.006 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

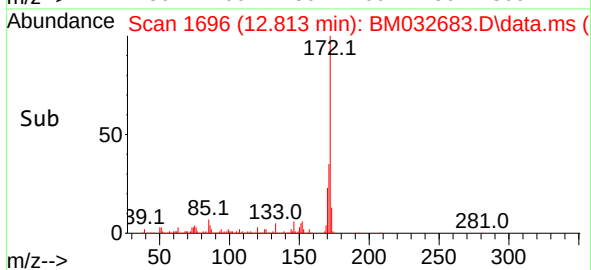
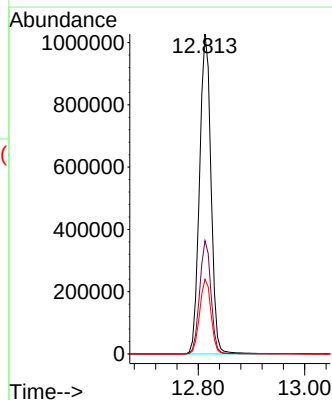
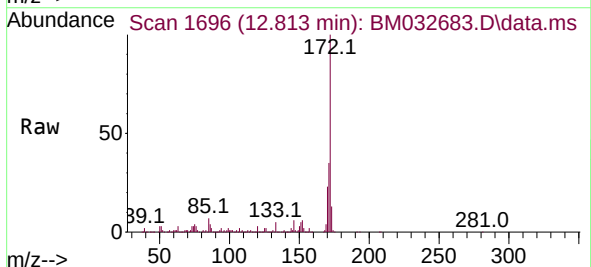
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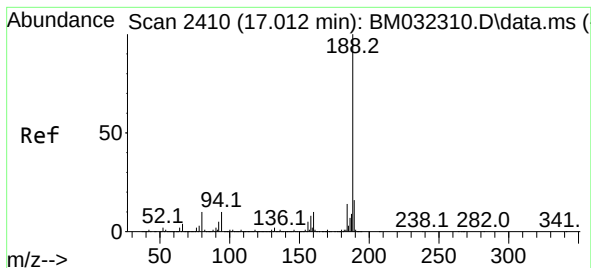
Tgt Ion:330 Resp: 301887  
Ion Ratio Lower Upper  
330 100  
332 96.2 75.7 113.5  
141 40.1 50.7 76.1#



#45  
2-Fluorobiphenyl  
Concen: 53.760 ng  
RT: 12.813 min Scan# 1696  
Delta R.T. -0.006 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

Tgt Ion:172 Resp: 1529689  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.1 42.1  
170 23.4 18.6 27.8

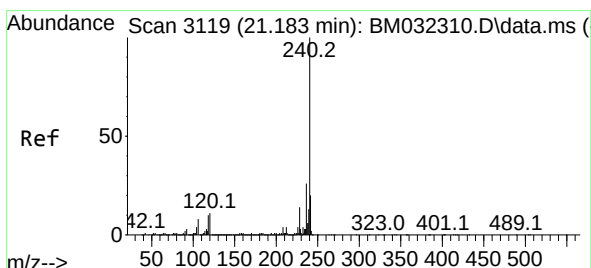
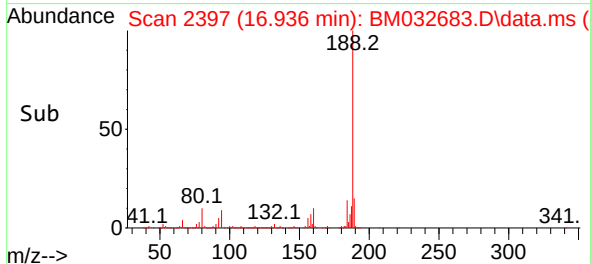
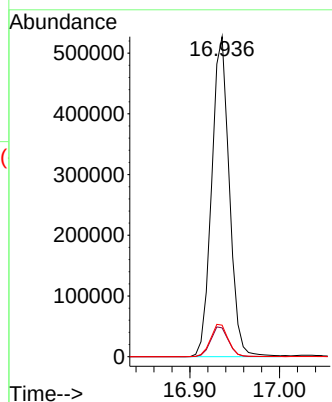
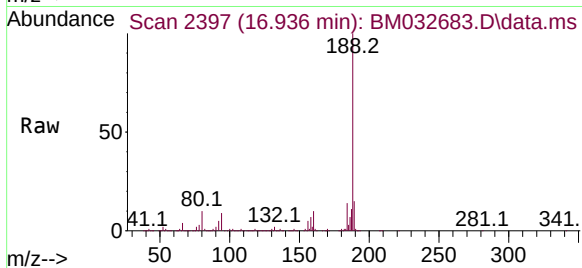




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.936 min Scan# 2397  
Delta R.T. 0.000 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

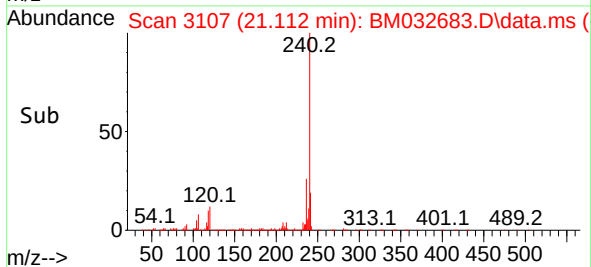
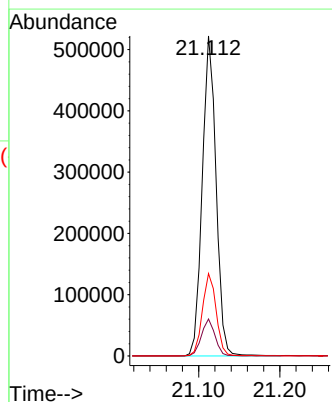
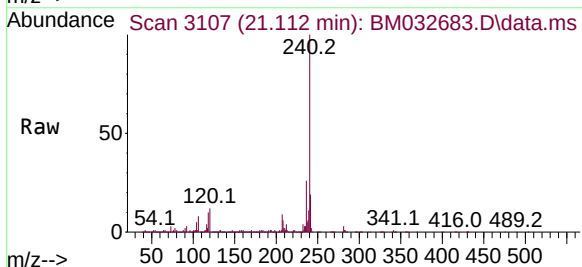
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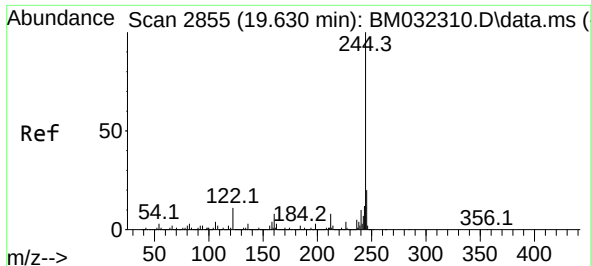
Tgt Ion:188 Resp: 720265  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.3 9.5  
80 9.9 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.112 min Scan# 3107  
Delta R.T. -0.006 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

Tgt Ion:240 Resp: 616129  
Ion Ratio Lower Upper  
240 100  
120 11.5 7.8 11.6  
236 25.8 20.9 31.3

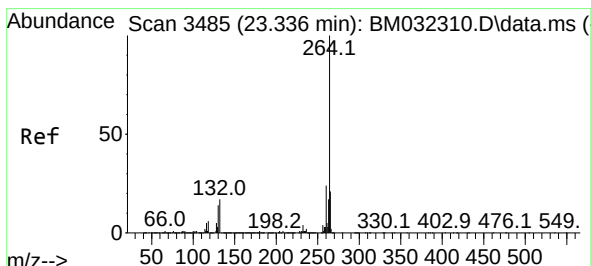
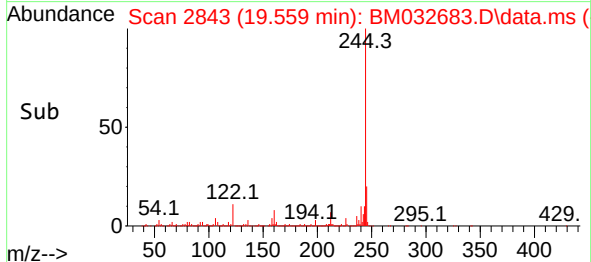
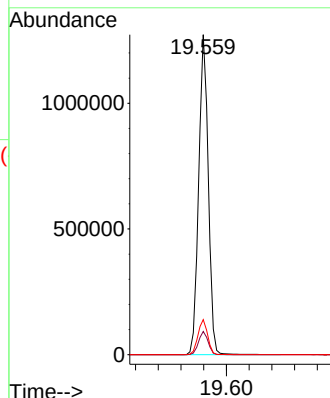
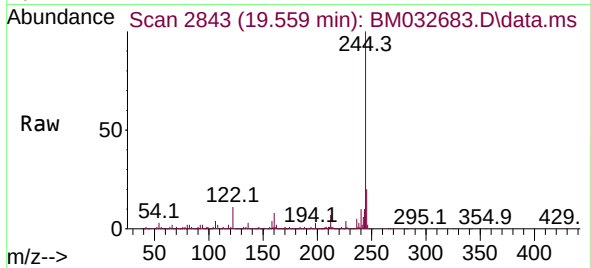




#79  
Terphenyl-d14  
Concen: 51.257 ng  
RT: 19.559 min Scan# 2843  
Delta R.T. -0.006 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

Instrument :  
BNA\_M  
ClientSampleId :  
MH-D-S

Tgt Ion:244 Resp: 1499552  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.5 9.7  
122 11.0 8.7 13.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.247 min Scan# 3470  
Delta R.T. -0.006 min  
Lab File: BM032683.D  
Acq: 22 Oct 2021 19:45

Tgt Ion:264 Resp: 658127  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.3 28.9  
265 22.6 18.3 27.5

