

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122320\  
 Data File : BM028249.D  
 Acq On : 23 Dec 2020 13:35  
 Operator : JU/CG  
 Sample : L5178-01 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 VERONA-236129

Quant Time: Dec 23 14:24:53 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 23 12:17:02 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.198  | 152  | 170523   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.022 | 136  | 672239   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.827 | 164  | 368658   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.551 | 188  | 687174   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.656 | 240  | 556592   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12            | 24.021 | 264  | 568049   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.698  | 112  | 12234    | 1.18  | ng    | 0.00     |
| 7) Phenol-d6                | 7.334  | 99   | 14525    | 0.98  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.369  | 82   | 8488     | 0.63  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.298 | 330  | 3886     | 0.79  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.451 | 172  | 20462    | 0.72  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.121 | 244  | 24998    | 0.81  | ng    | 0.00     |

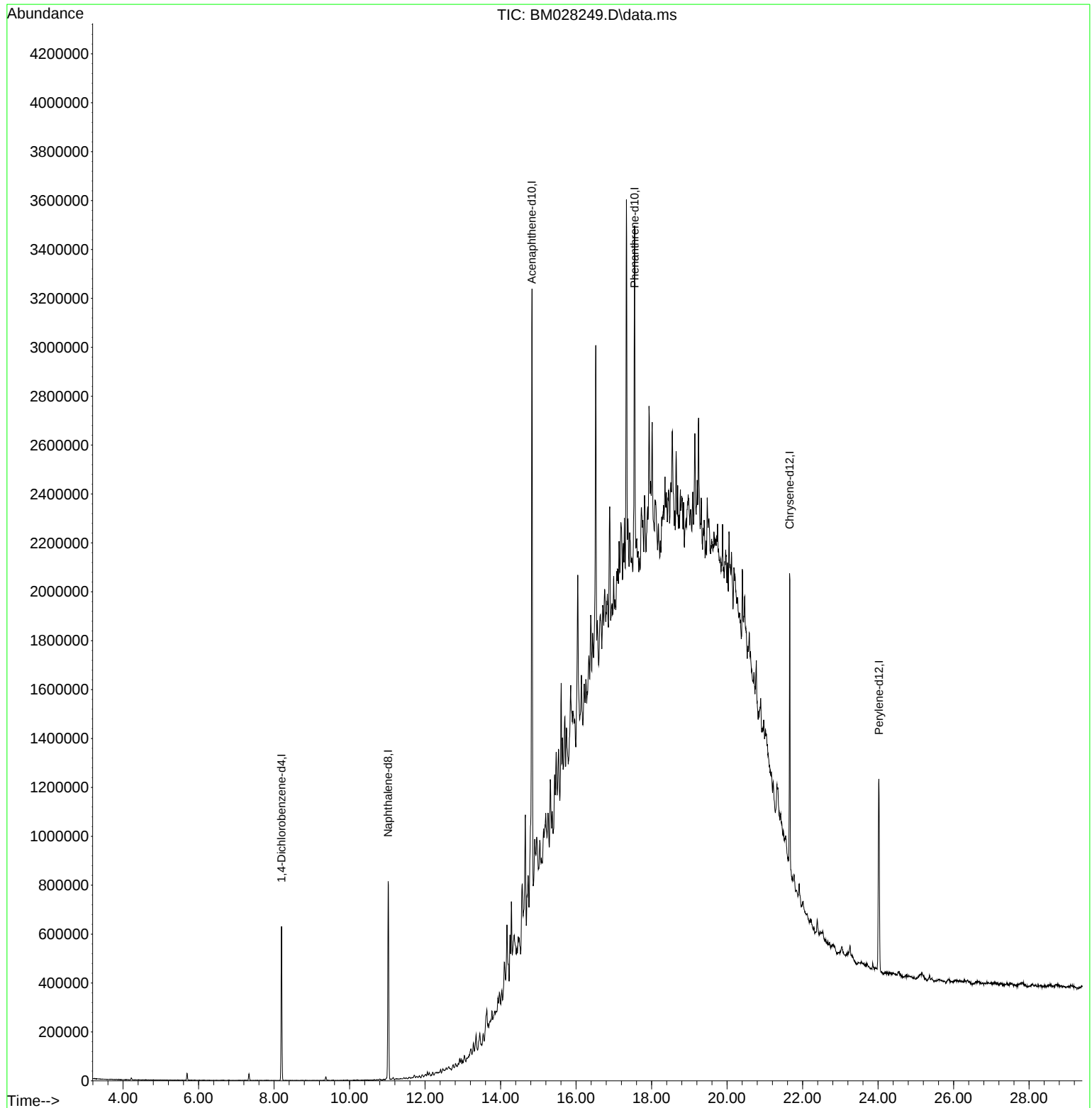
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

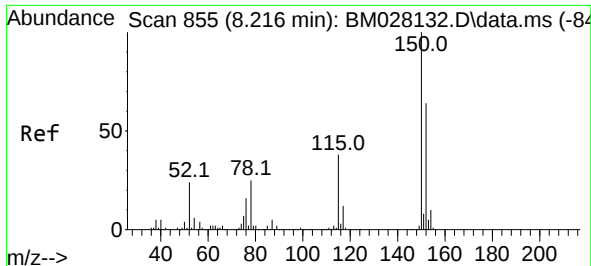
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122320\  
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 23 12:17:02 2020  
Response via : Initial Calibration

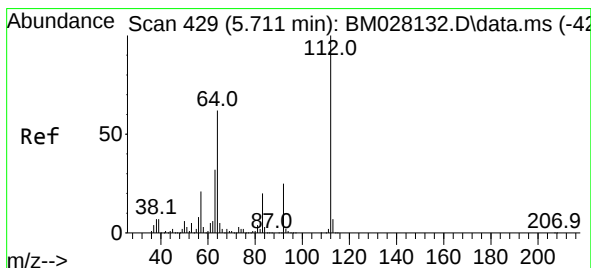
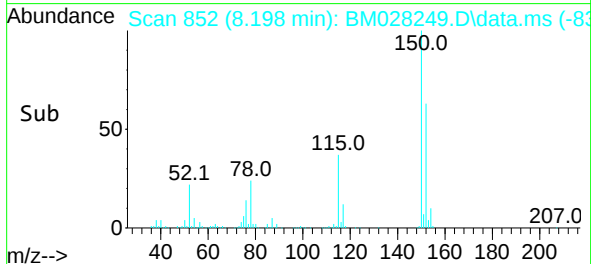
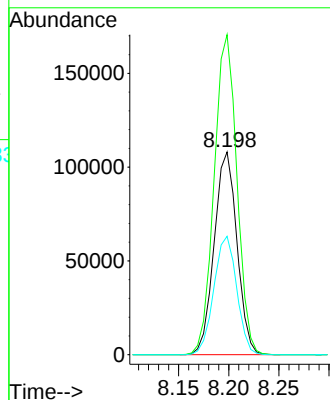
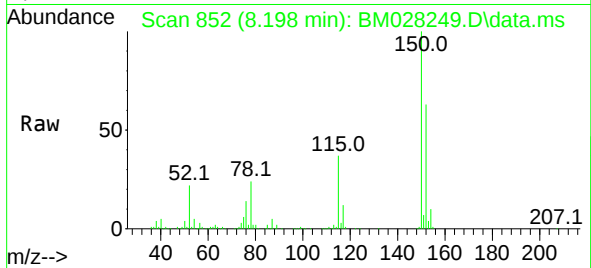




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.198 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

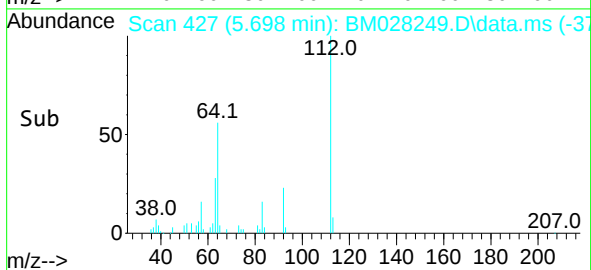
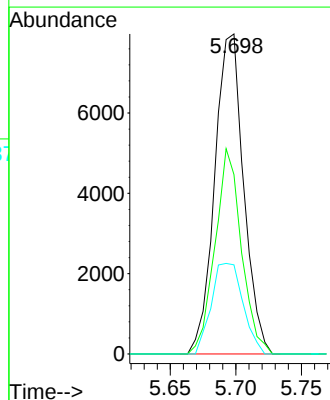
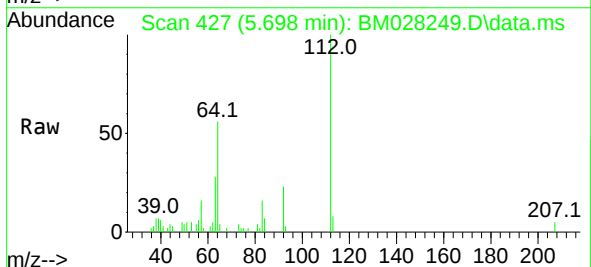
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BNA\_M  
ClientSampleId :  
VERONA-236129

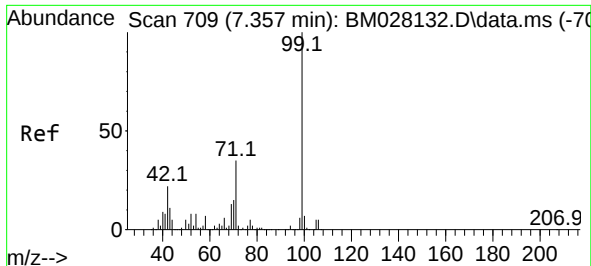
Tgt Ion:152 Resp: 170523  
Ion Ratio Lower Upper  
152 100  
150 157.9 120.6 181.0  
115 58.4 47.2 70.8



#5  
2-Fluorophenol  
Concen: 1.18 ng  
RT: 5.698 min Scan# 427  
Delta R.T. 0.006 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

Tgt Ion:112 Resp: 12234  
Ion Ratio Lower Upper  
112 100  
64 56.1 50.6 76.0  
63 27.8 31.0 46.6#

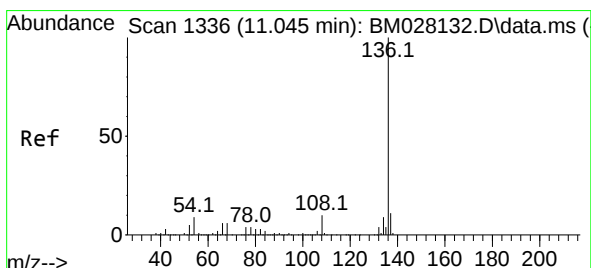
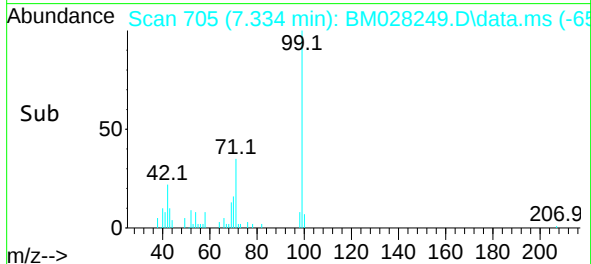
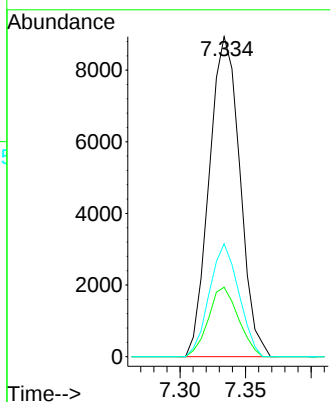
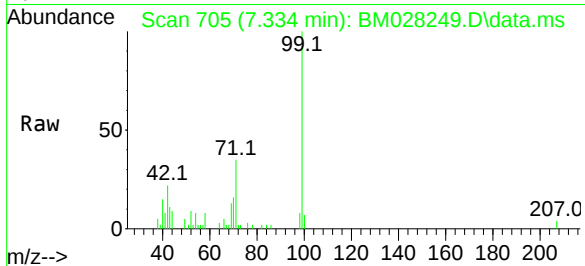




#7  
Phenol-d6  
Concen: 0.98 ng  
RT: 7.334 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

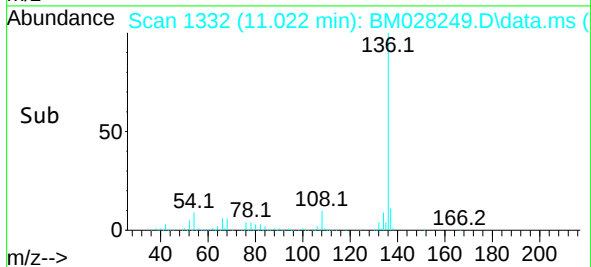
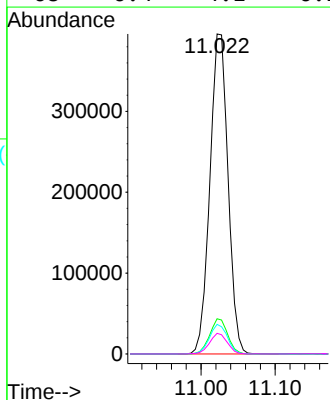
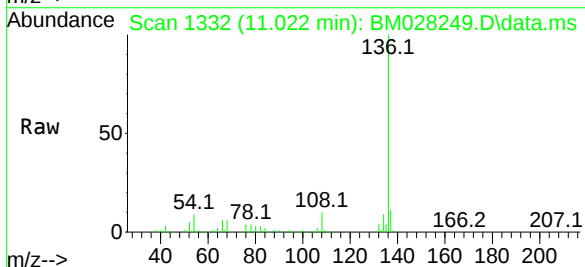
Instrument :  
BNA\_M  
ClientSampleId :  
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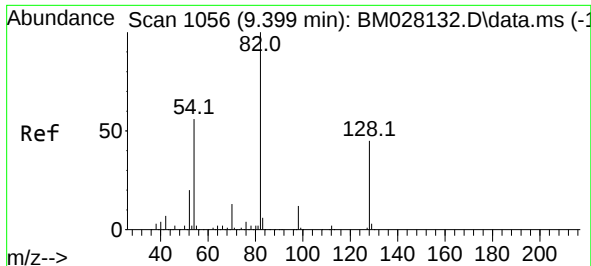
|             |             |
|-------------|-------------|
| Tgt Ion: 99 | Resp: 14525 |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 21.7     | 13.5 20.3#  |
| 71 35.3     | 39.4 59.0#  |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.022 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

|              |              |
|--------------|--------------|
| Tgt Ion: 136 | Resp: 672239 |
| Ion Ratio    | Lower Upper  |
| 136 100      |              |
| 137 11.0     | 8.6 12.8     |
| 54 9.3       | 4.6 7.0#     |
| 68 6.4       | 4.1 6.1#     |

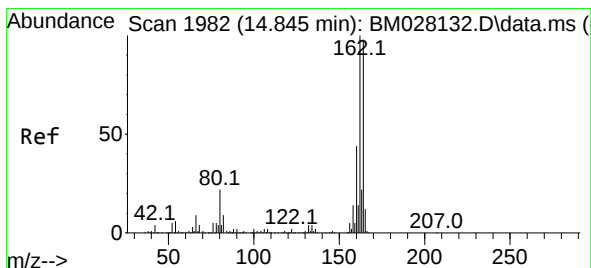
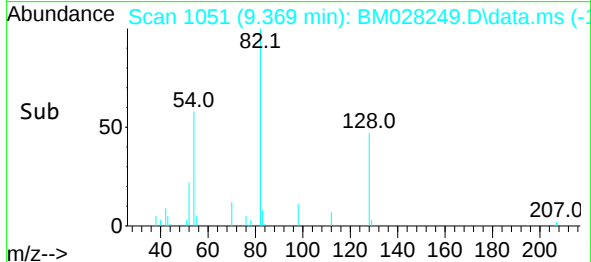
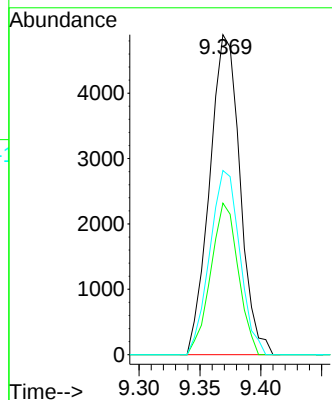
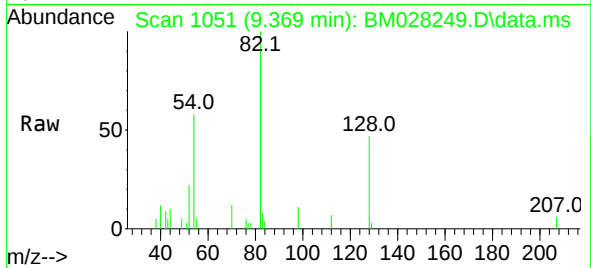




#23  
Nitrobenzene-d5  
Concen: 0.63 ng  
RT: 9.369 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

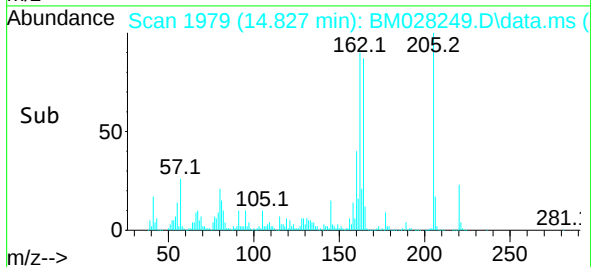
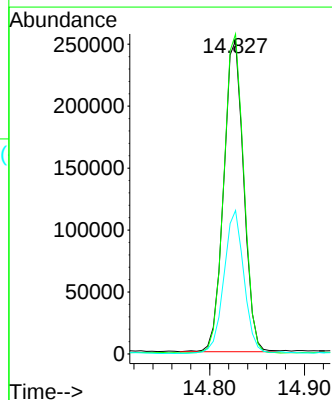
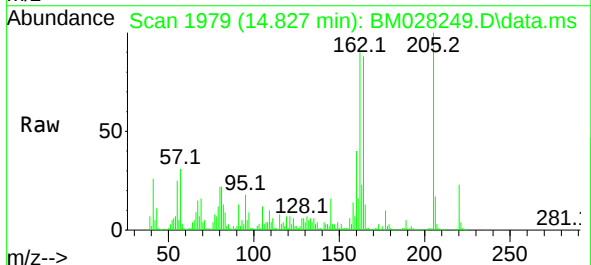
Instrument :  
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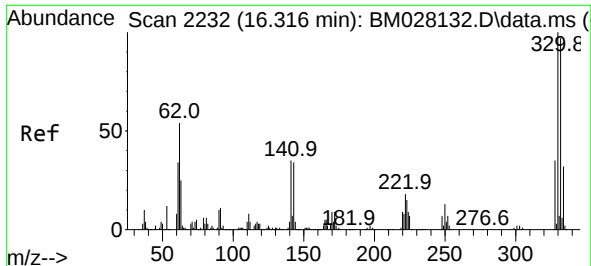
Tgt Ion: 82 Resp: 8488  
Ion Ratio Lower Upper  
82 100  
128 47.4 27.4 41.0#  
54 57.5 31.4 47.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.827 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

Tgt Ion:164 Resp: 368658  
Ion Ratio Lower Upper  
164 100  
162 102.1 80.4 120.6  
160 45.8 35.9 53.9

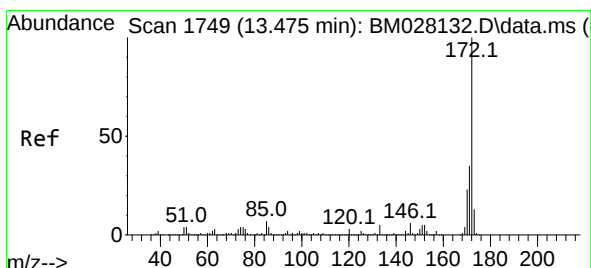
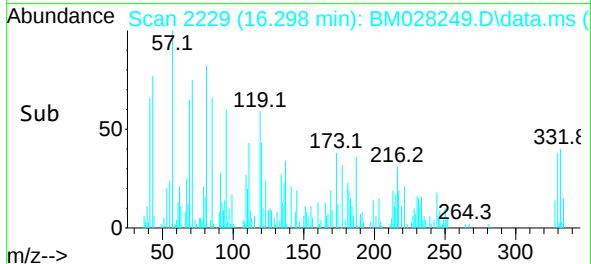
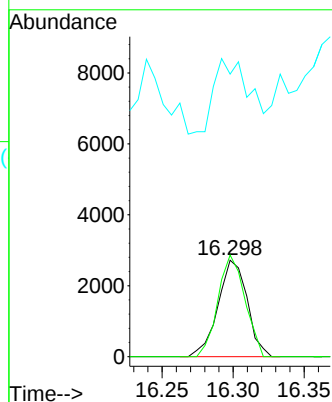
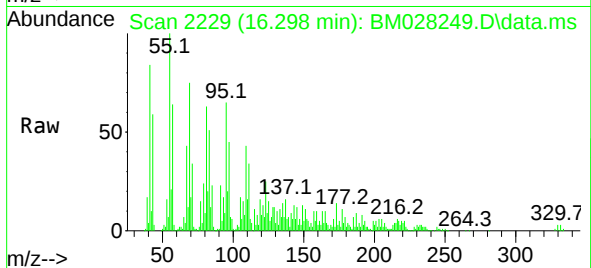




#42  
2,4,6-Tribromophenol  
Concen: 0.79 ng  
RT: 16.298 min Scan# 2229  
Delta R.T. -0.006 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

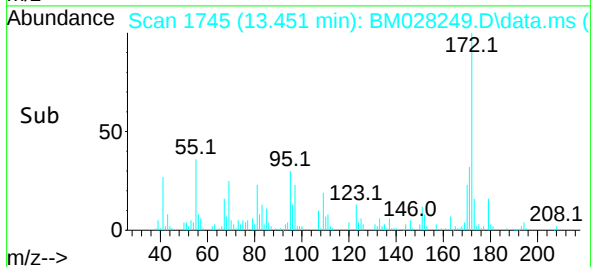
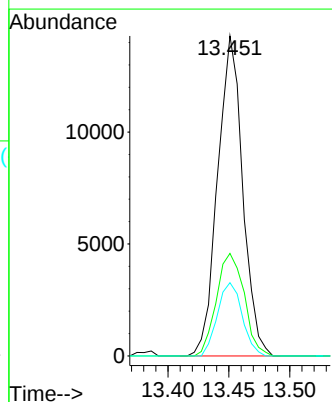
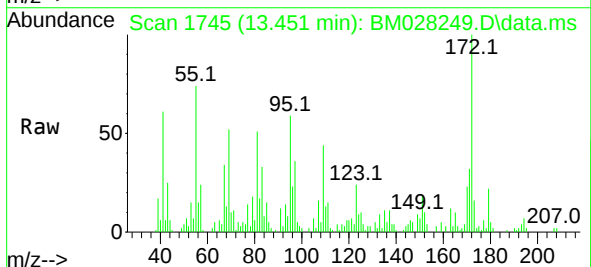
Instrument :  
BNA\_M  
ClientSampleId :  
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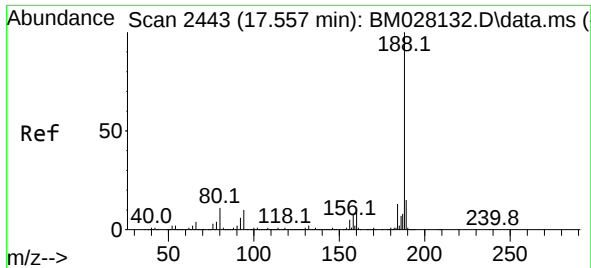
Tgt Ion:330 Resp: 3886  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.8 116.8  
141 87.6 28.4 42.6#



#45  
2-Fluorobiphenyl  
Concen: 0.72 ng  
RT: 13.451 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

Tgt Ion:172 Resp: 20462  
Ion Ratio Lower Upper  
172 100  
171 32.0 27.8 41.8  
170 22.9 18.6 27.8

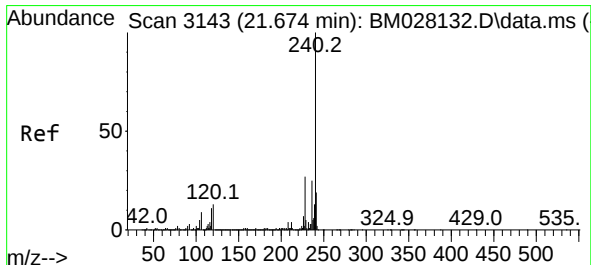
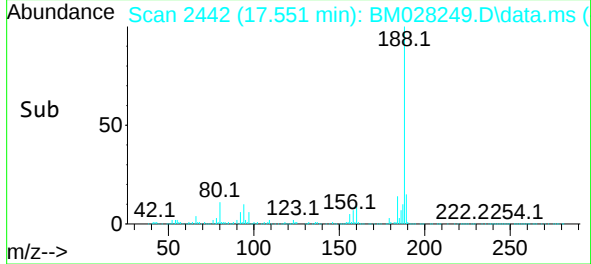
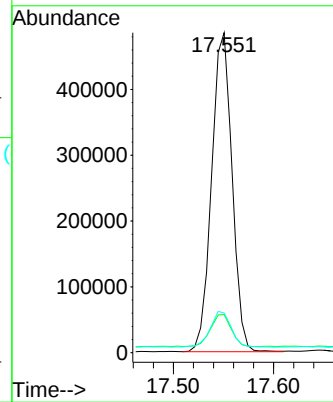
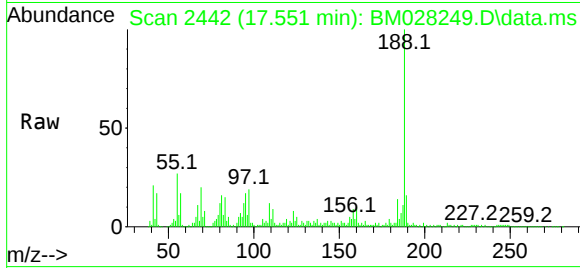




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.551 min Scan# 2442  
Delta R.T. 0.006 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

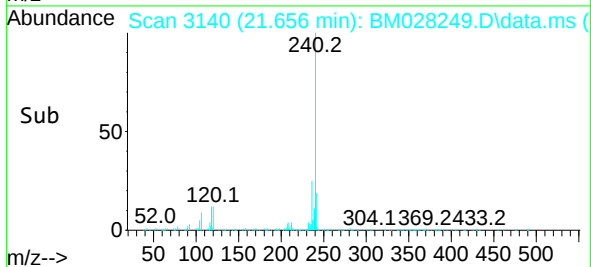
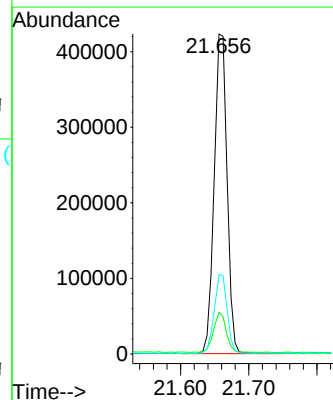
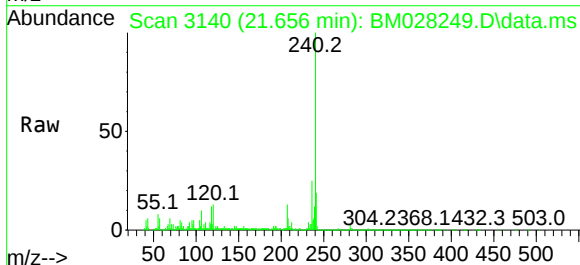
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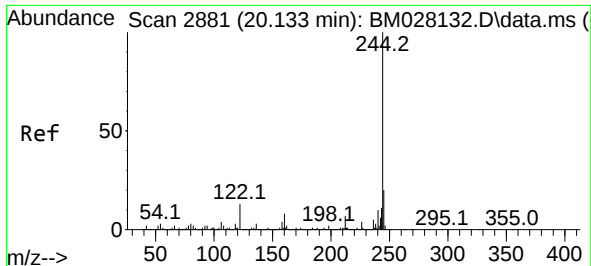
Tgt Ion:188 Resp: 687174  
Ion Ratio Lower Upper  
188 100  
94 11.9 6.2 9.4#  
80 12.4 7.5 11.3#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.656 min Scan# 3140  
Delta R.T. -0.006 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

Tgt Ion:240 Resp: 556592  
Ion Ratio Lower Upper  
240 100  
120 13.0 6.4 9.6#  
236 24.8 20.1 30.1

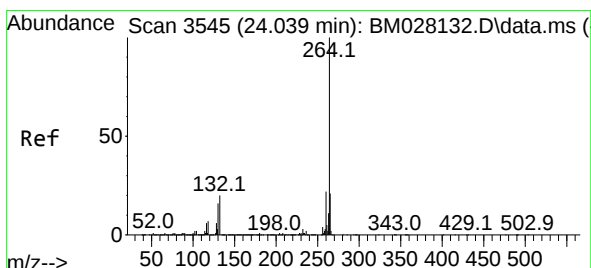
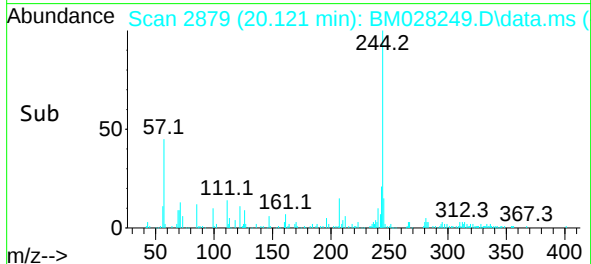
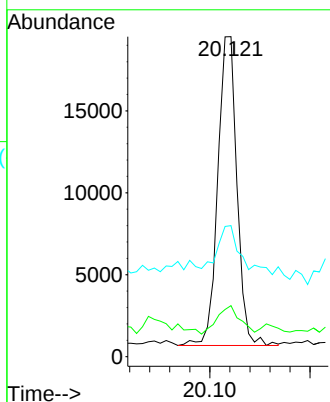
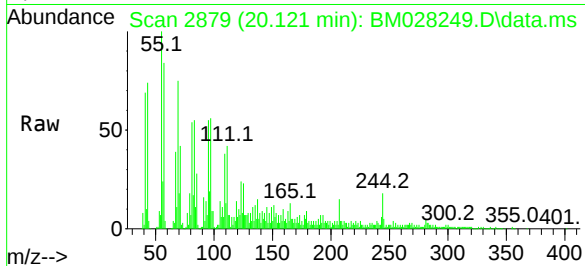




#79  
Terphenyl-d14  
Concen: 0.81 ng  
RT: 20.121 min Scan# 2879  
Delta R.T. 0.000 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

Instrument :  
BNA\_M  
ClientSampleId :  
VERONA-236129

Tgt Ion:244 Resp: 24998  
Ion Ratio Lower Upper  
244 100  
212 16.0 5.8 8.8#  
122 41.0 6.5 9.7#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.021 min Scan# 3542  
Delta R.T. 0.000 min  
Lab File: BM028249.D  
Acq: 23 Dec 2020 13:35

Tgt Ion:264 Resp: 568049  
Ion Ratio Lower Upper  
264 100  
260 22.2 19.0 28.4  
265 21.6 17.7 26.5

