

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052322\  
 Data File : BM035208.D  
 Acq On : 23 May 2022 23:38  
 Operator : CG/JU  
 Sample : N2876-09  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P007-SS012-0006-01

Quant Time: May 24 03:18:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 20 04:53:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.898  | 152  | 157033   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 566320   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.539 | 164  | 335535   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.280 | 188  | 700057   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.462 | 240  | 755923   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 23.844 | 264  | 816620   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 886796   | 99.629  | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 1090384  | 94.893  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.057  | 82   | 714985   | 68.178  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.027 | 330  | 441598   | 120.988 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.163 | 172  | 1621028  | 70.133  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.903 | 244  | 2538456  | 65.020  | ng    | -0.01    |

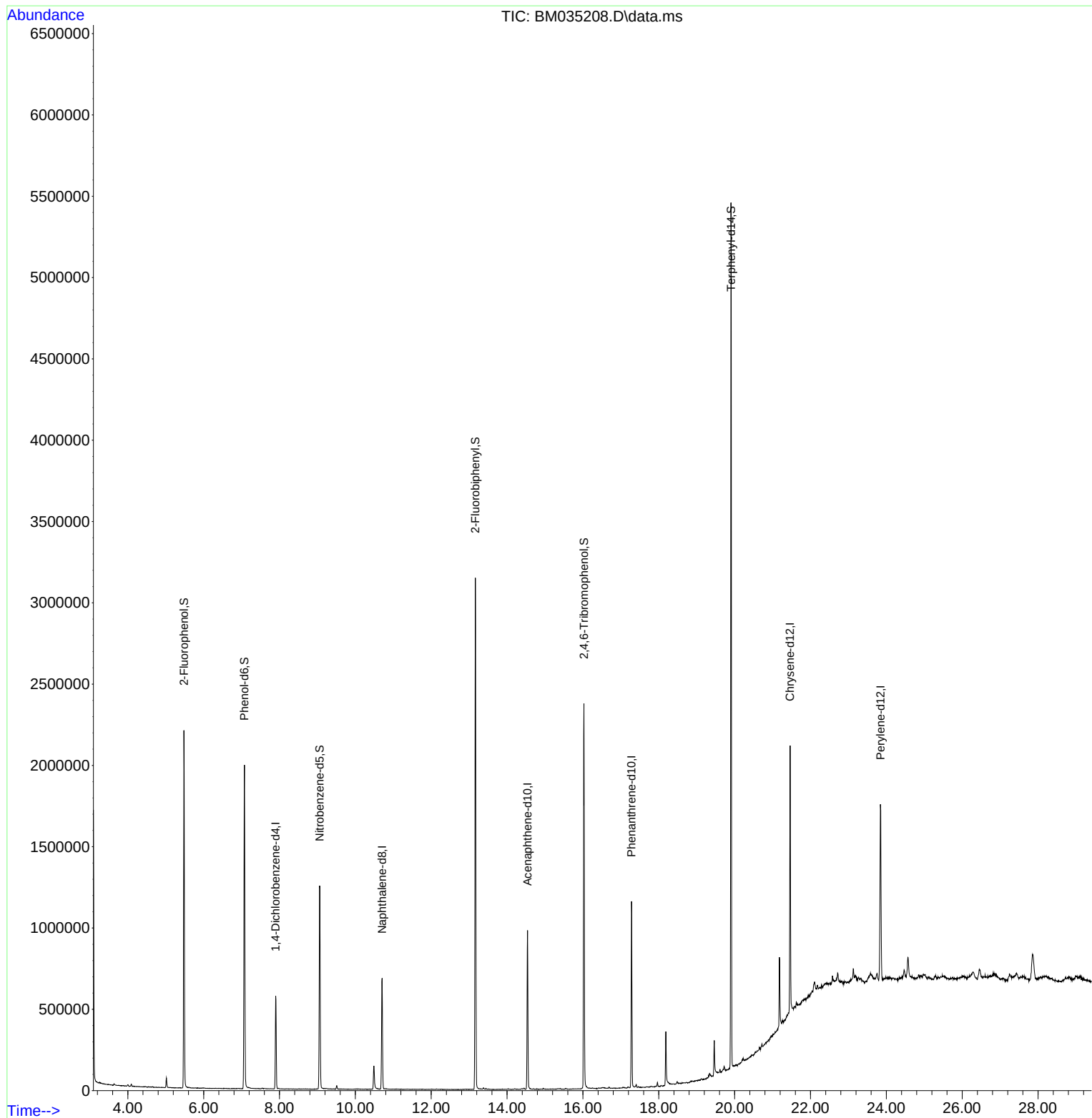
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

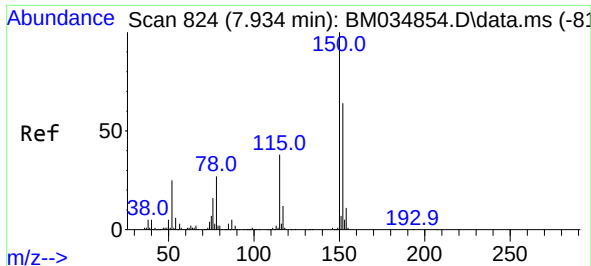
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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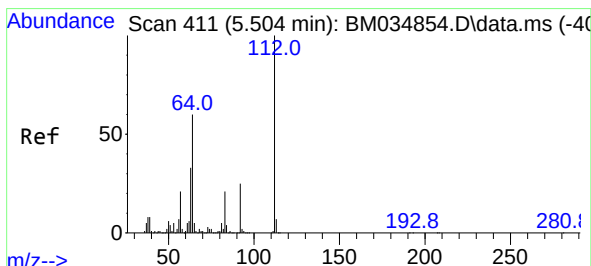
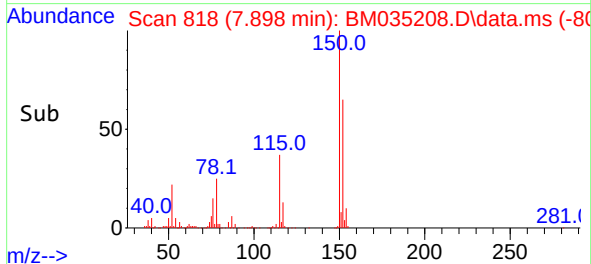
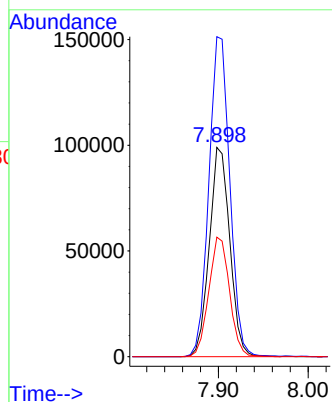
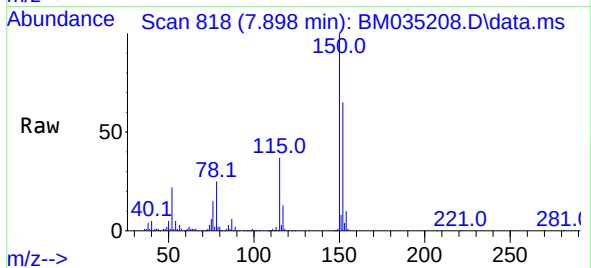




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.898 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM035208.D  
Acq: 23 May 2022 23:38

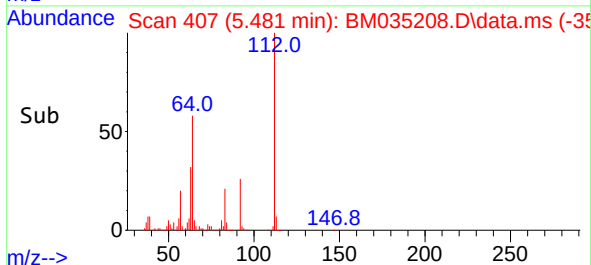
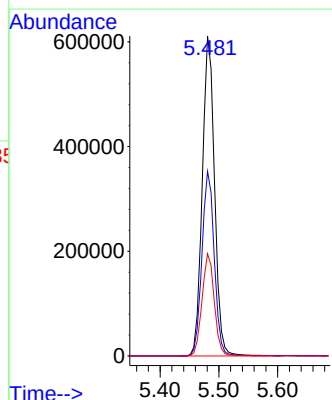
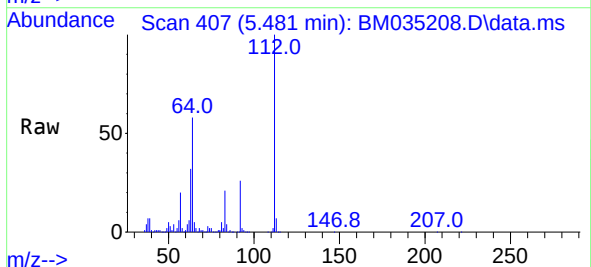
Instrument :  
BNA\_M  
ClientSampleId :  
P007-SS012-0006-01

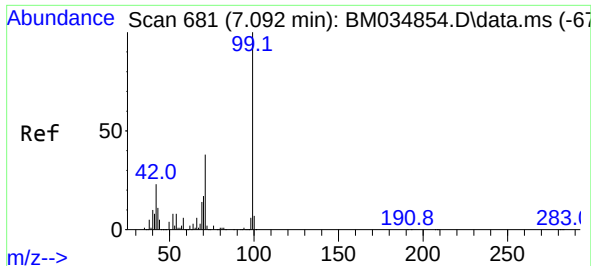
Tgt Ion:152 Resp: 157033  
Ion Ratio Lower Upper  
152 100  
150 152.9 124.9 187.3  
115 57.1 47.9 71.9



#5  
2-Fluorophenol  
Concen: 99.629 ng  
RT: 5.481 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: BM035208.D  
Acq: 23 May 2022 23:38

Tgt Ion:112 Resp: 886796  
Ion Ratio Lower Upper  
112 100  
64 57.7 47.8 71.6  
63 32.0 26.6 40.0



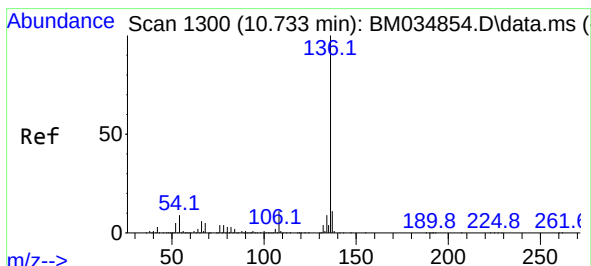
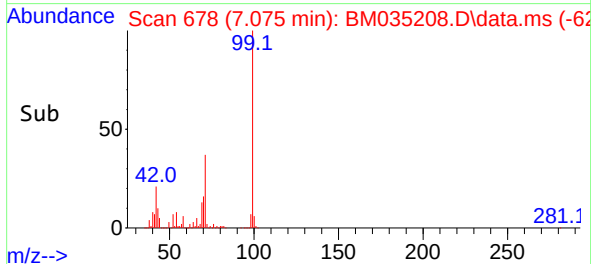
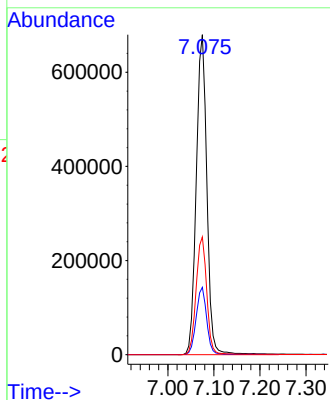
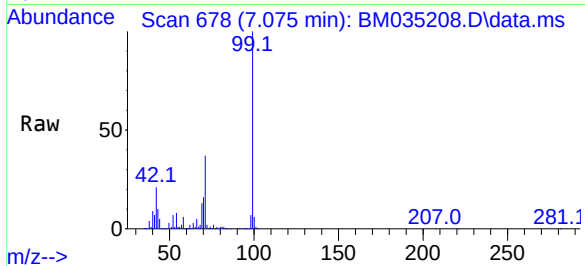


#7  
Phenol-d6  
Concen: 94.893 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM035208.D  
Acq: 23 May 2022 23:38

Instrument :  
BNA\_M  
ClientSampleId :  
P007-SS012-0006-01

Tgt Ion: 99 Resp: 1090384

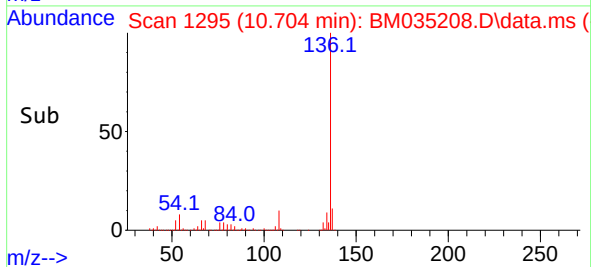
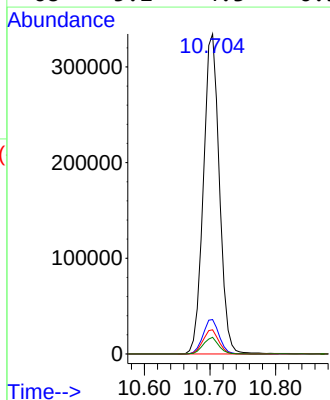
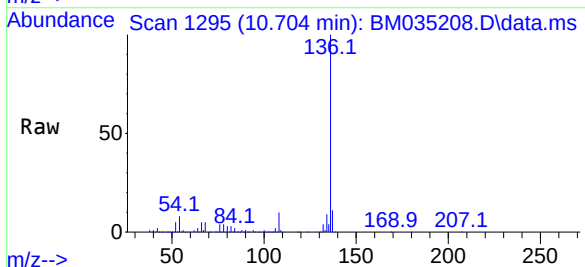
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.0  | 18.8  | 28.2  |
| 71  | 36.8  | 30.2  | 45.2  |

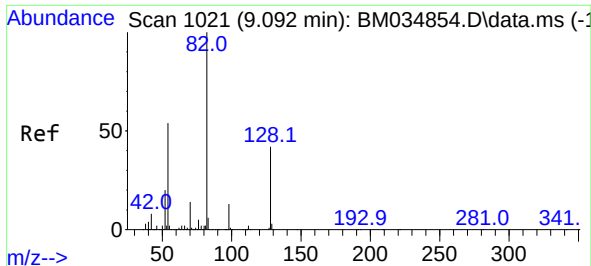


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BM035208.D  
Acq: 23 May 2022 23:38

Tgt Ion: 136 Resp: 566320

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.9   | 13.3  |
| 54  | 7.6   | 7.0   | 10.4  |
| 68  | 5.2   | 4.3   | 6.5   |

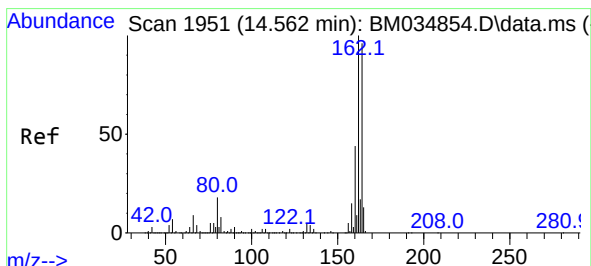
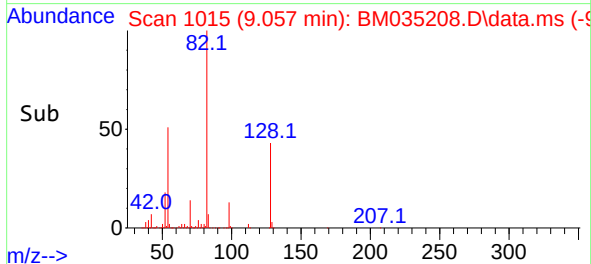
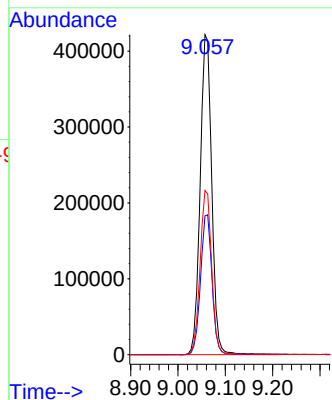
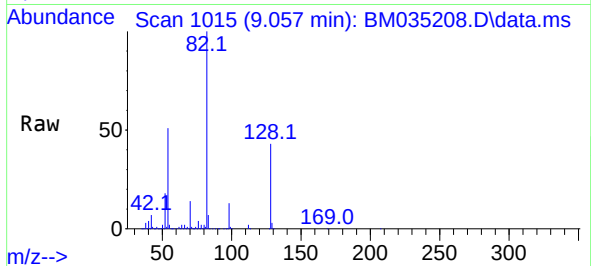




#23  
Nitrobenzene-d5  
Concen: 68.178 ng  
RT: 9.057 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BM035208.D  
Acq: 23 May 2022 23:38

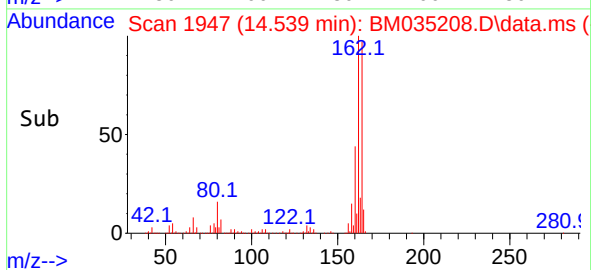
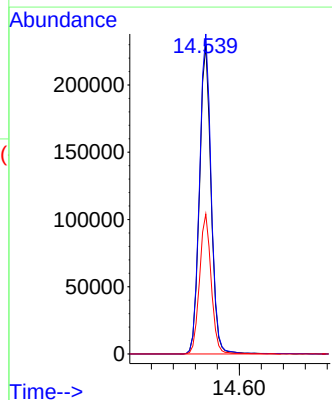
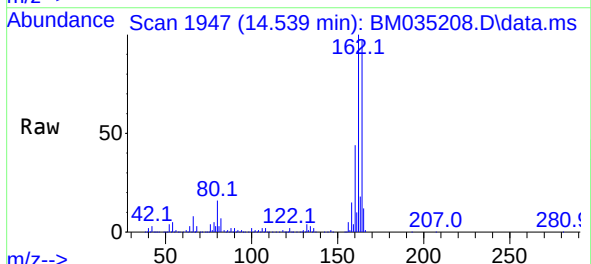
Instrument :  
BNA\_M  
ClientSampleId :  
P007-SS012-0006-01

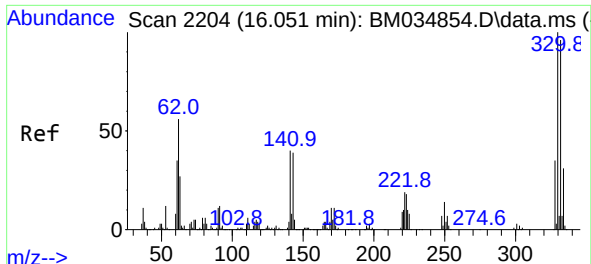
Tgt Ion: 82 Resp: 714985  
Ion Ratio Lower Upper  
82 100  
128 43.4 33.7 50.5  
54 51.3 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BM035208.D  
Acq: 23 May 2022 23:38

Tgt Ion: 164 Resp: 335535  
Ion Ratio Lower Upper  
164 100  
162 103.6 83.0 124.6  
160 45.3 37.0 55.4

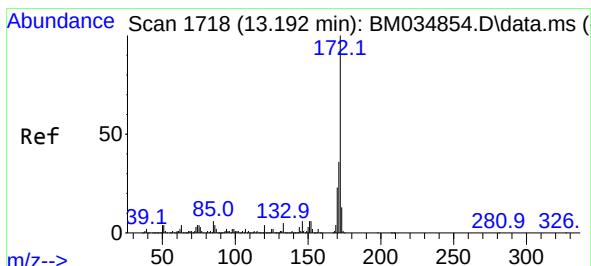
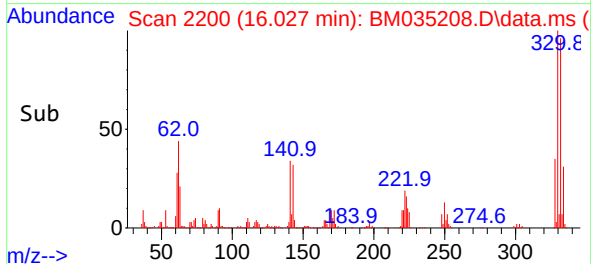
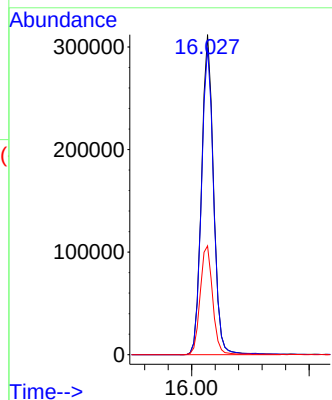
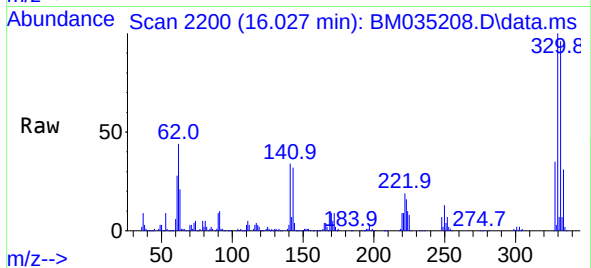




#42  
2,4,6-Tribromophenol  
Concen: 120.988 ng  
RT: 16.027 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035208.D  
Acq: 23 May 2022 23:38

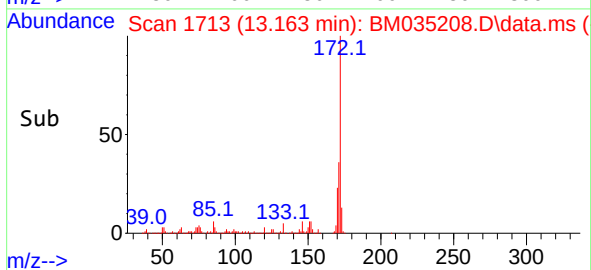
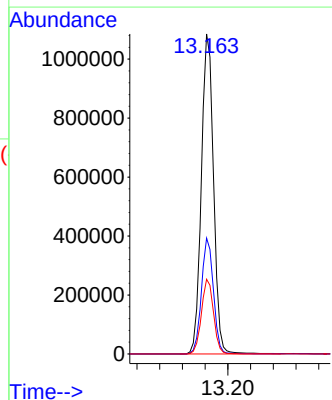
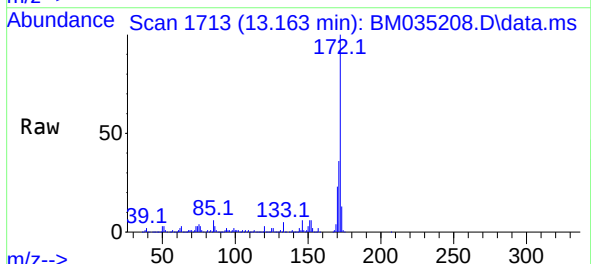
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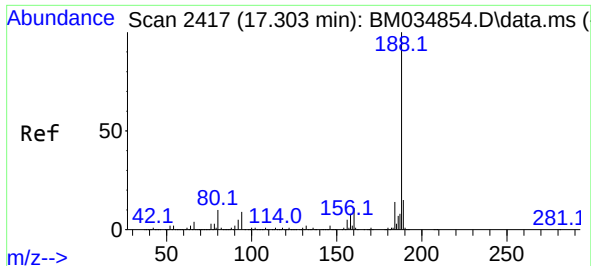
Tgt Ion:330 Resp: 441598  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.0 115.4  
141 35.4 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 70.133 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BM035208.D  
Acq: 23 May 2022 23:38

Tgt Ion:172 Resp: 1621028  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.5 42.7  
170 23.3 18.7 28.1

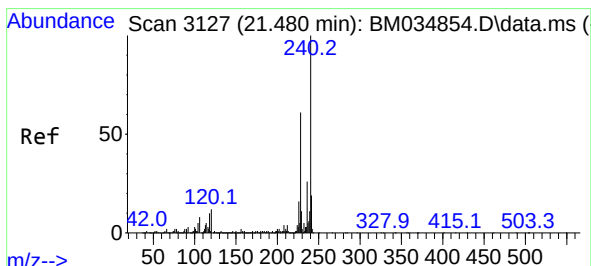
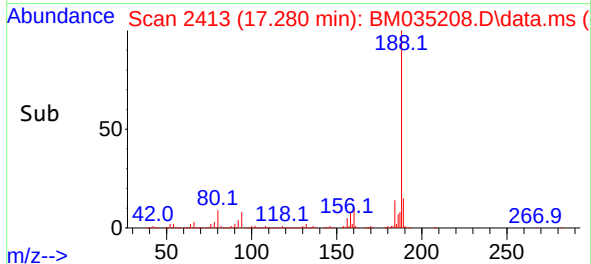
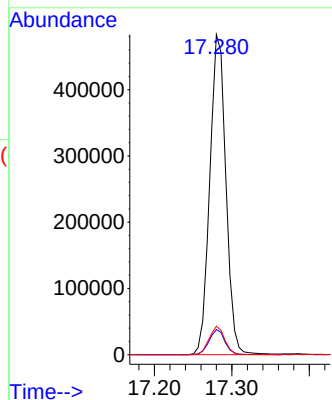
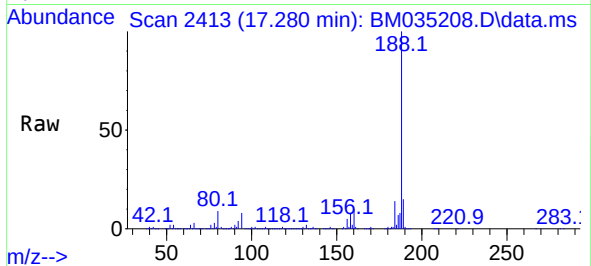




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.280 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BM035208.D  
Acq: 23 May 2022 23:38

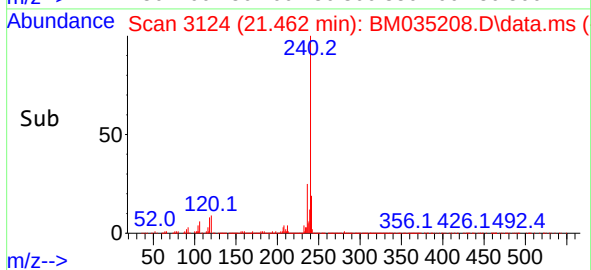
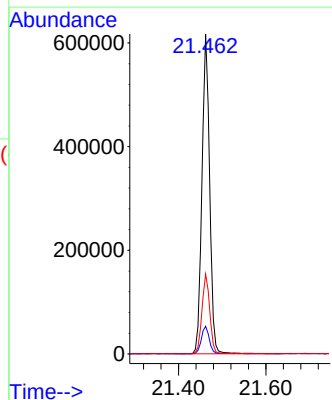
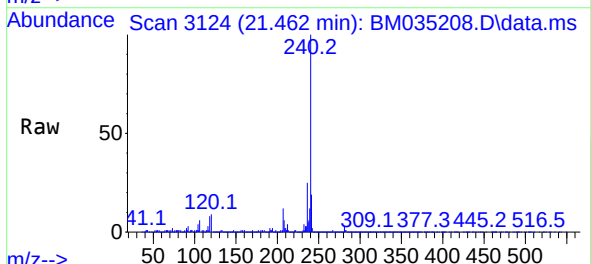
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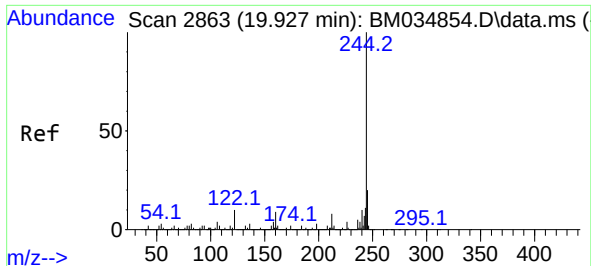
Tgt Ion:188 Resp: 700057  
Ion Ratio Lower Upper  
188 100  
94 7.8 7.0 10.4  
80 8.8 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.462 min Scan# 3124  
Delta R.T. -0.012 min  
Lab File: BM035208.D  
Acq: 23 May 2022 23:38

Tgt Ion:240 Resp: 755923  
Ion Ratio Lower Upper  
240 100  
120 8.6 9.4 14.0#  
236 25.0 20.6 30.8

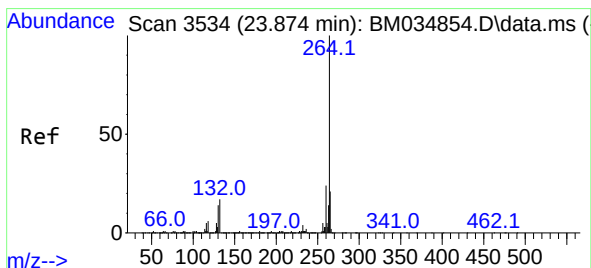
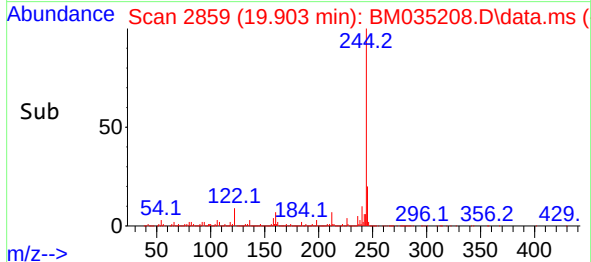
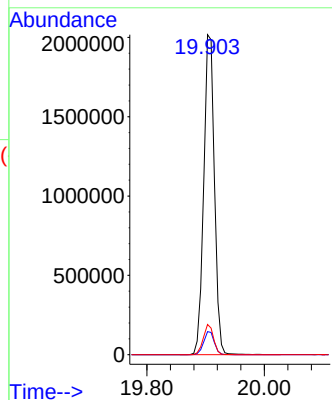
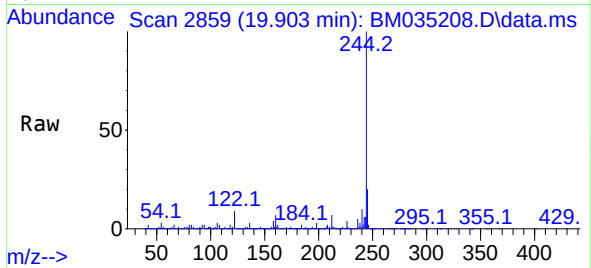




#79  
 Terphenyl-d14  
 Concen: 65.020 ng  
 RT: 19.903 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM035208.D  
 Acq: 23 May 2022 23:38

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P007-SS012-0006-01

Tgt Ion:244 Resp: 2538456  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.2 9.4  
 122 9.4 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.844 min Scan# 3529  
 Delta R.T. -0.012 min  
 Lab File: BM035208.D  
 Acq: 23 May 2022 23:38

Tgt Ion:264 Resp: 816620  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.9 28.3  
 265 21.8 17.5 26.3

