

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052422\  
 Data File : BM035216.D  
 Acq On : 24 May 2022 13:15  
 Operator : CG/JU  
 Sample : PB145012BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB145012BL

Quant Time: May 25 05:42:28 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  | 139712   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 525338   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.539 | 164  | 316937   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.280 | 188  | 620329   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.468 | 240  | 553613   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.856 | 264  | 595216   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 1042235  | 131.609 | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 1277856  | 124.995 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.063  | 82   | 833947   | 85.725  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.027 | 330  | 491370   | 142.524 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.163 | 172  | 2004943  | 91.833  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.909 | 244  | 2717539  | 95.043  | ng    | 0.00     |

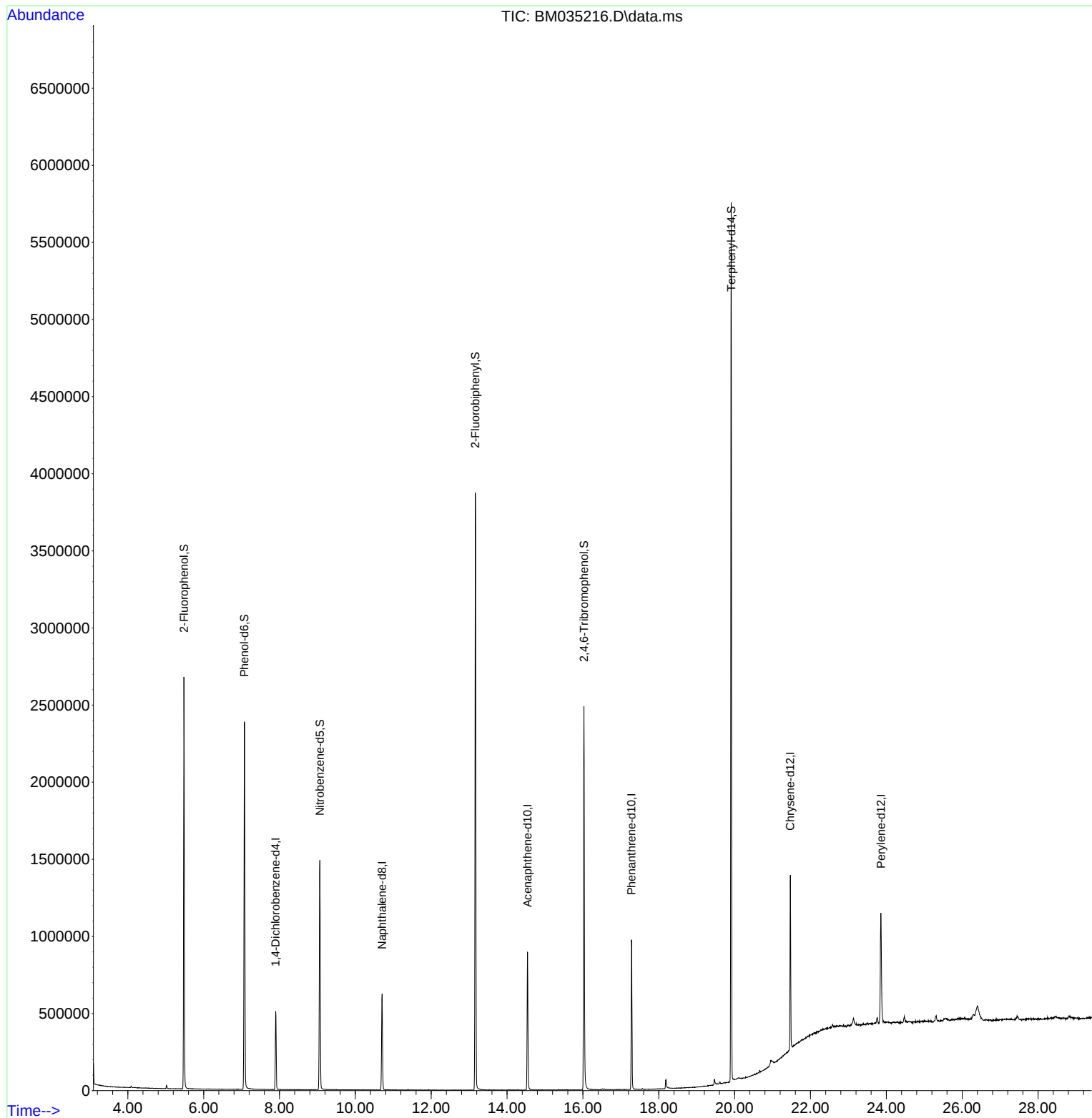
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

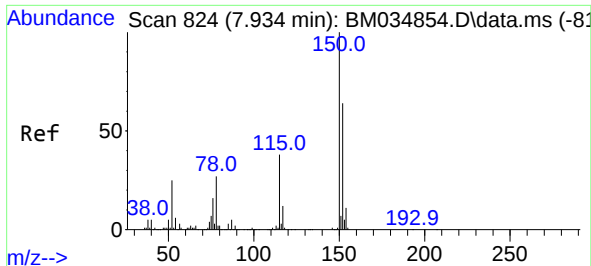
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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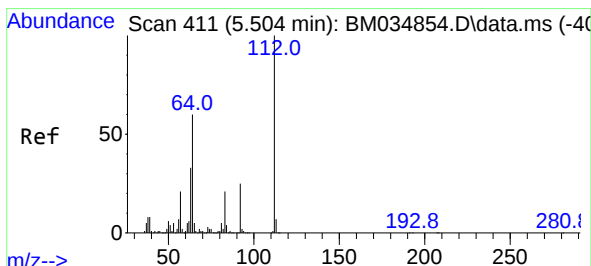
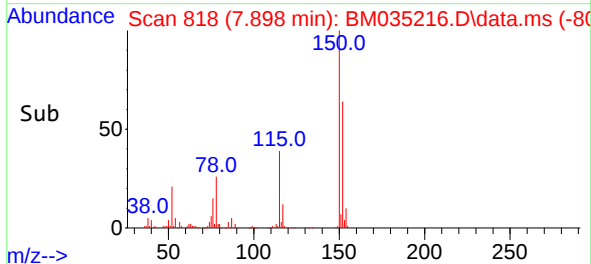
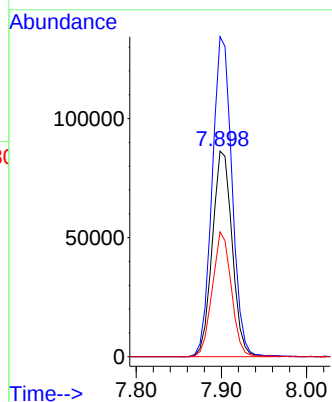
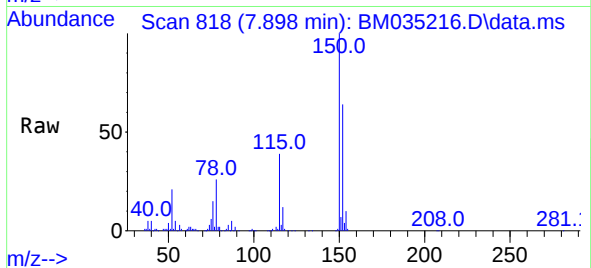




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.898 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM035216.D  
Acq: 24 May 2022 13:15

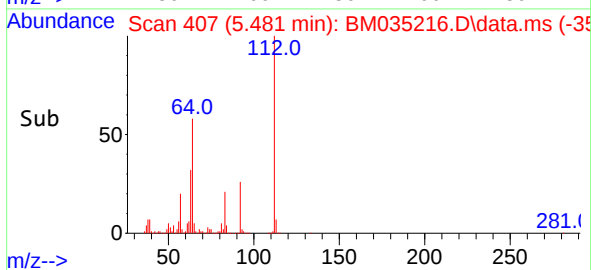
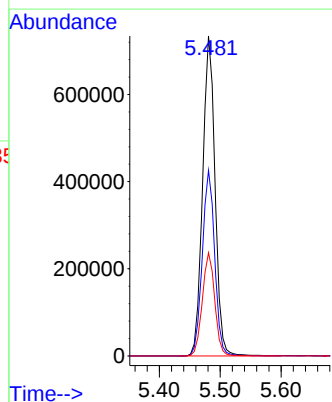
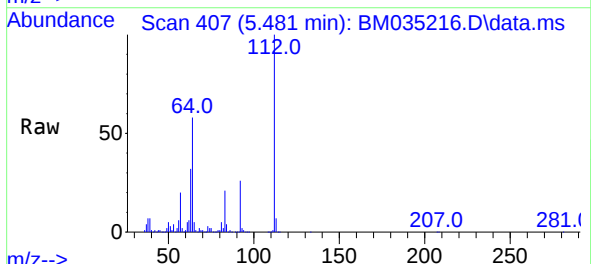
Instrument :  
BNA\_M  
ClientSampleId :  
PB145012BL

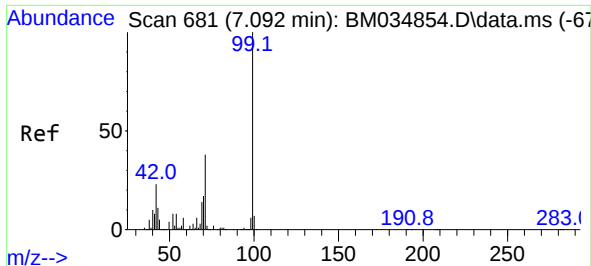
Tgt Ion:152 Resp: 139712  
Ion Ratio Lower Upper  
152 100  
150 155.7 124.9 187.3  
115 60.7 47.9 71.9



#5  
2-Fluorophenol  
Concen: 131.609 ng  
RT: 5.481 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: BM035216.D  
Acq: 24 May 2022 13:15

Tgt Ion:112 Resp: 1042235  
Ion Ratio Lower Upper  
112 100  
64 58.0 47.8 71.6  
63 32.3 26.6 40.0

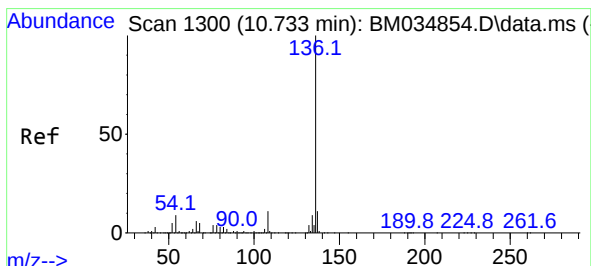
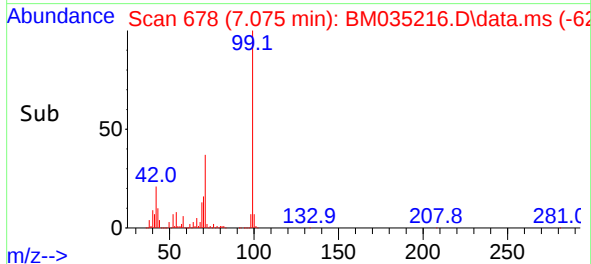
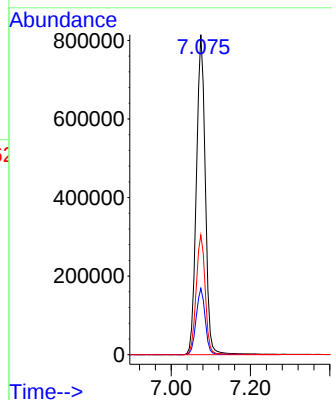
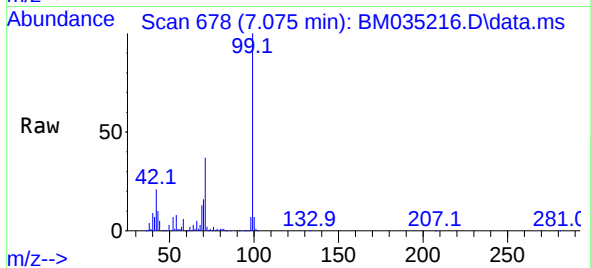




#7  
Phenol-d6  
Concen: 124.995 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM035216.D  
Acq: 24 May 2022 13:15

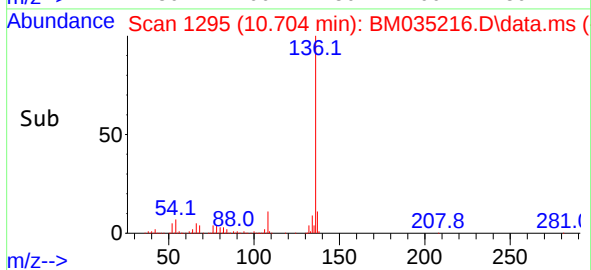
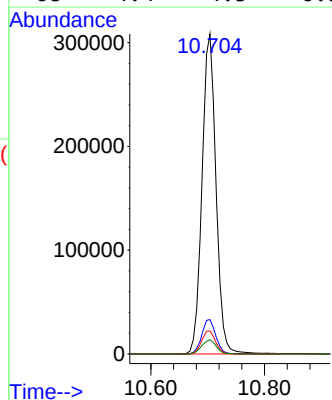
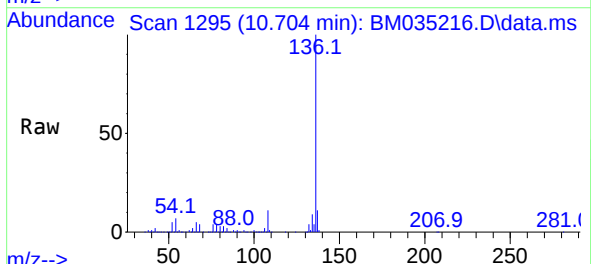
Instrument :  
BNA\_M  
ClientSampleId :  
PB145012BL

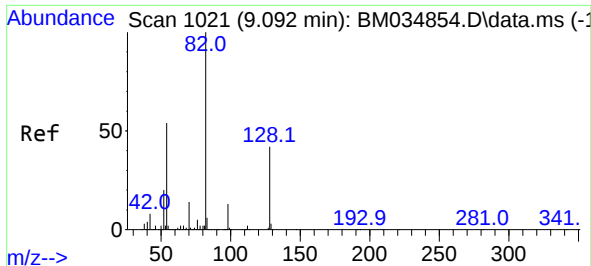
Tgt Ion: 99 Resp: 1277856  
Ion Ratio Lower Upper  
99 100  
42 20.7 18.8 28.2  
71 37.4 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BM035216.D  
Acq: 24 May 2022 13:15

Tgt Ion: 136 Resp: 525338  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 7.2 7.0 10.4  
68 4.4 4.3 6.5

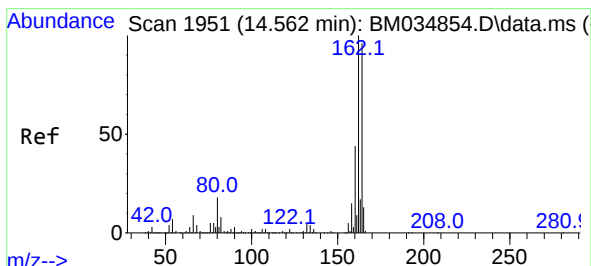
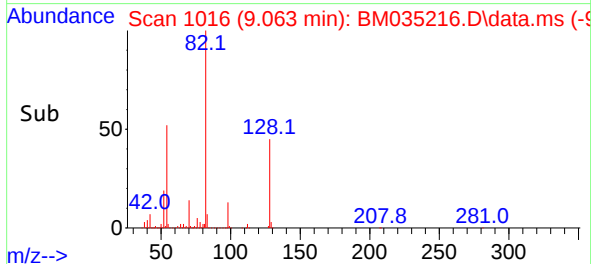
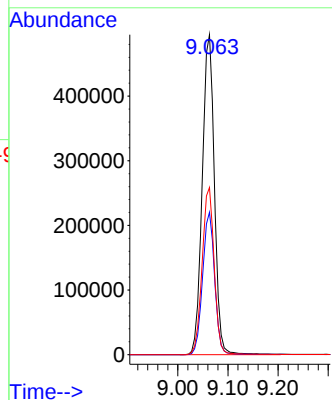
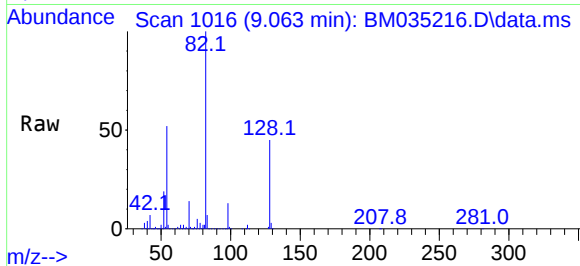




#23  
Nitrobenzene-d5  
Concen: 85.725 ng  
RT: 9.063 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BM035216.D  
Acq: 24 May 2022 13:15

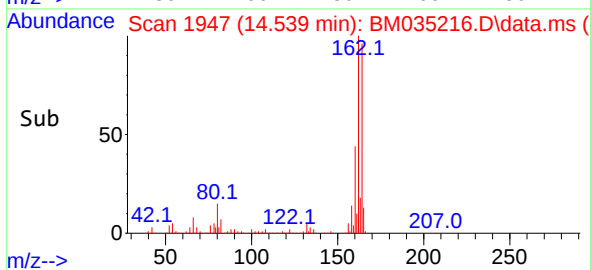
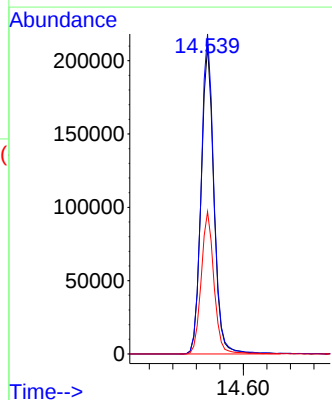
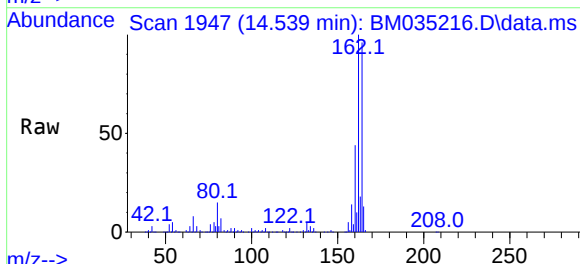
Instrument :  
BNA\_M  
ClientSampleId :  
PB145012BL

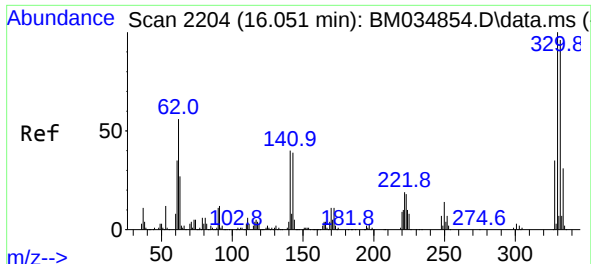
Tgt Ion: 82 Resp: 833947  
Ion Ratio Lower Upper  
82 100  
128 44.5 33.7 50.5  
54 52.2 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BM035216.D  
Acq: 24 May 2022 13:15

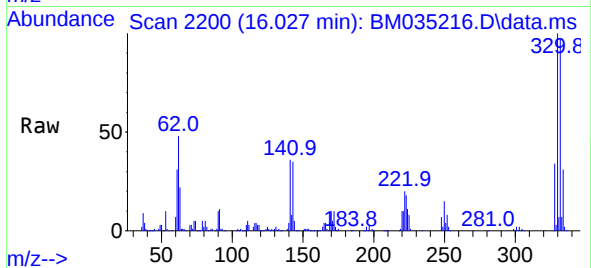
Tgt Ion:164 Resp: 316937  
Ion Ratio Lower Upper  
164 100  
162 103.9 83.0 124.6  
160 46.2 37.0 55.4



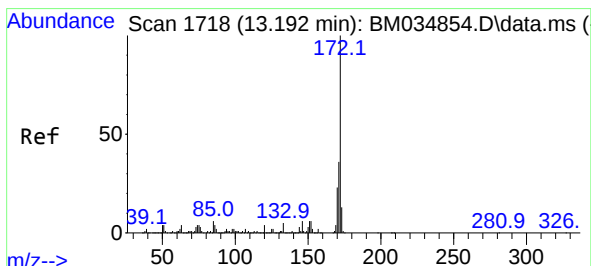
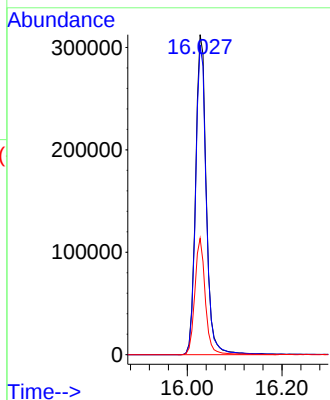
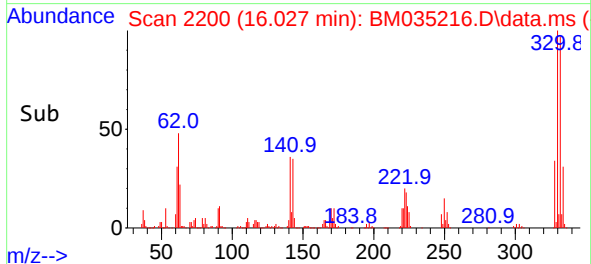


#42  
2,4,6-Tribromophenol  
Concen: 142.524 ng  
RT: 16.027 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035216.D  
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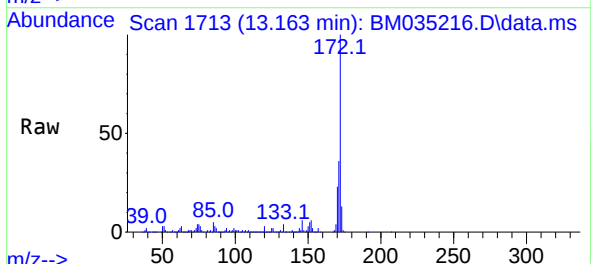
Instrument :  
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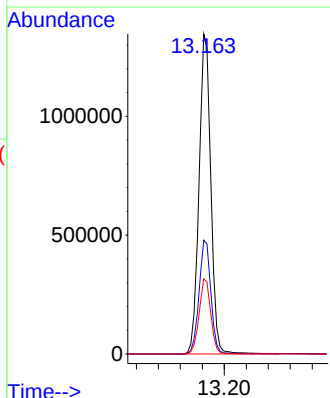
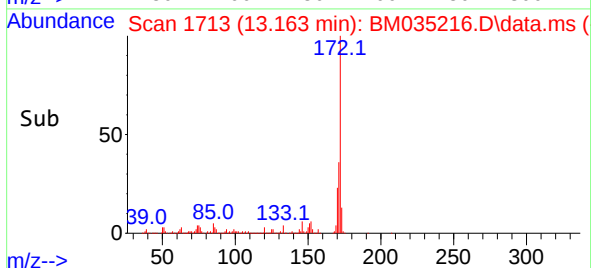
Tgt Ion:330 Resp: 491370  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.0 115.4  
141 35.6 35.3 52.9

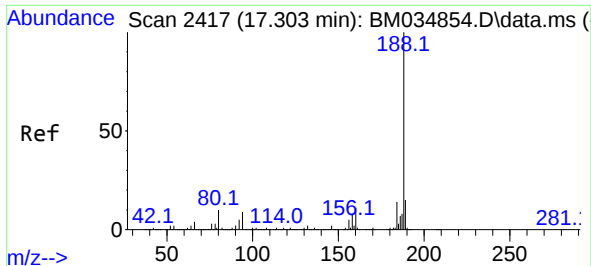


#45  
2-Fluorobiphenyl  
Concen: 91.833 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BM035216.D  
Acq: 24 May 2022 13:15



Tgt Ion:172 Resp: 2004943  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.5 42.7  
170 23.5 18.7 28.1

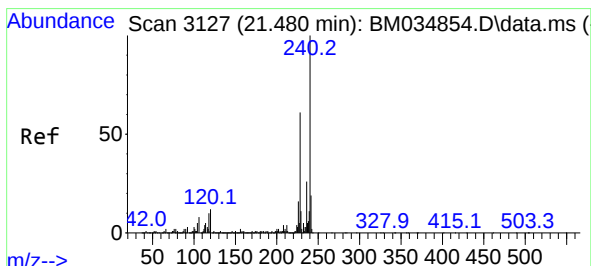
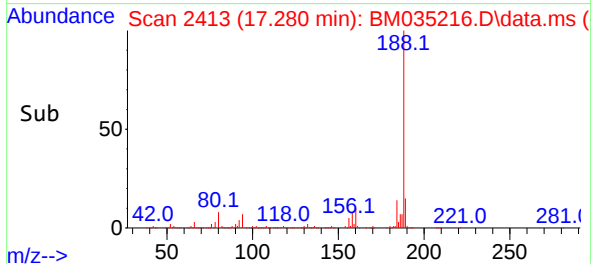
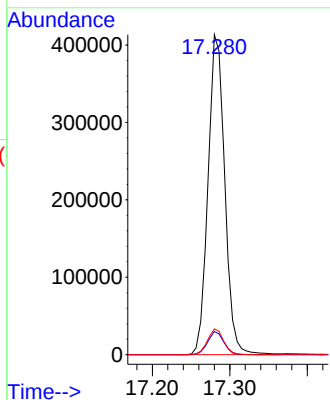
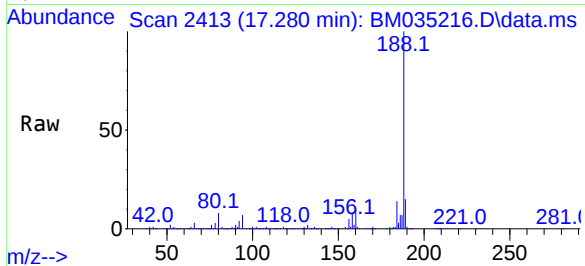




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.280 min Scan# 2413  
Delta R.T. -0.006 min  
Lab File: BM035216.D  
Acq: 24 May 2022 13:15

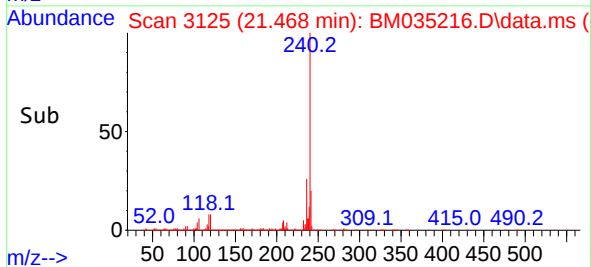
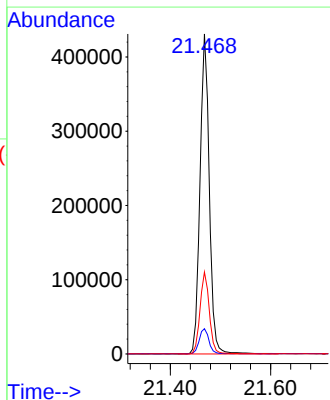
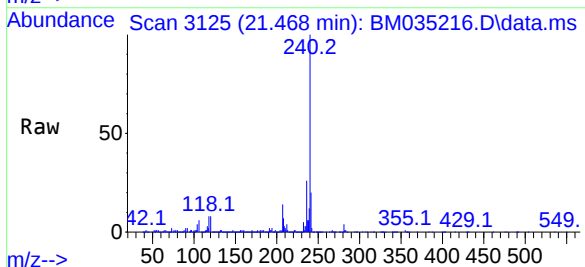
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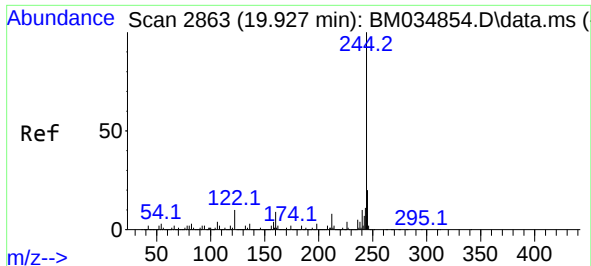
Tgt Ion:188 Resp: 620329  
Ion Ratio Lower Upper  
188 100  
94 7.2 7.0 10.4  
80 8.1 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.468 min Scan# 3125  
Delta R.T. -0.006 min  
Lab File: BM035216.D  
Acq: 24 May 2022 13:15

Tgt Ion:240 Resp: 553613  
Ion Ratio Lower Upper  
240 100  
120 7.9 9.4 14.0#  
236 25.6 20.6 30.8

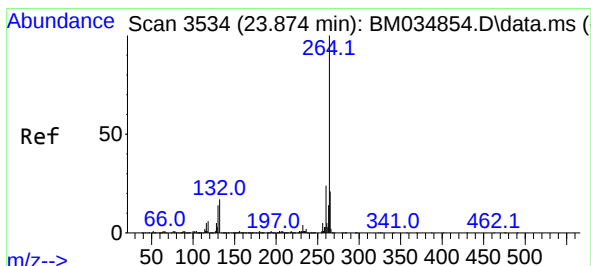
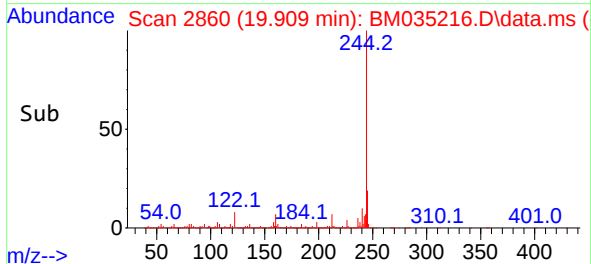
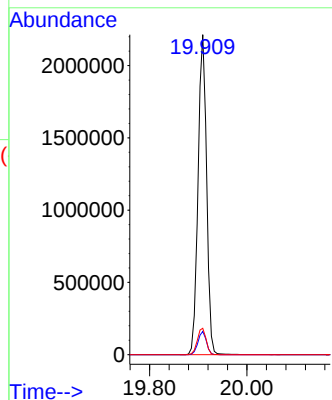
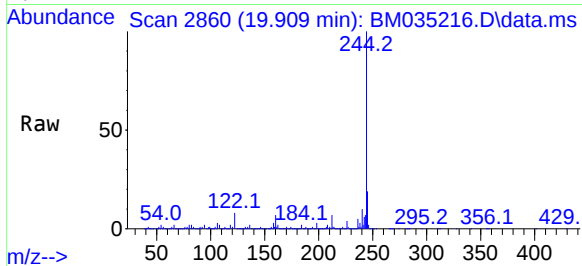




#79  
 Terphenyl-d14  
 Concen: 95.043 ng  
 RT: 19.909 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM035216.D  
 Acq: 24 May 2022 13:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB145012BL

Tgt Ion:244 Resp: 2717539  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.2 9.4  
 122 8.3 8.3 12.5#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.856 min Scan# 3531  
 Delta R.T. -0.000 min  
 Lab File: BM035216.D  
 Acq: 24 May 2022 13:15

Tgt Ion:264 Resp: 595216  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.9 28.3  
 265 22.2 17.5 26.3

