

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051922\  
 Data File : BM035155.D  
 Acq On : 19 May 2022 16:24  
 Operator : CG/JU  
 Sample : N2864-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P011-SS003-0612-01

Quant Time: May 20 04:55:56 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   | 7.904  | 152  | 141579   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 552480   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.545 | 164  | 333108   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.286 | 188  | 680818   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.468 | 240  | 669232   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.856 | 264  | 732833   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 711568   | 88.669 | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 916926   | 88.508 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.063  | 82   | 599047   | 58.553 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.027 | 330  | 337983   | 93.274 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.169 | 172  | 1262881  | 55.036 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.909 | 244  | 1870266  | 54.110 | ng    | 0.00     |

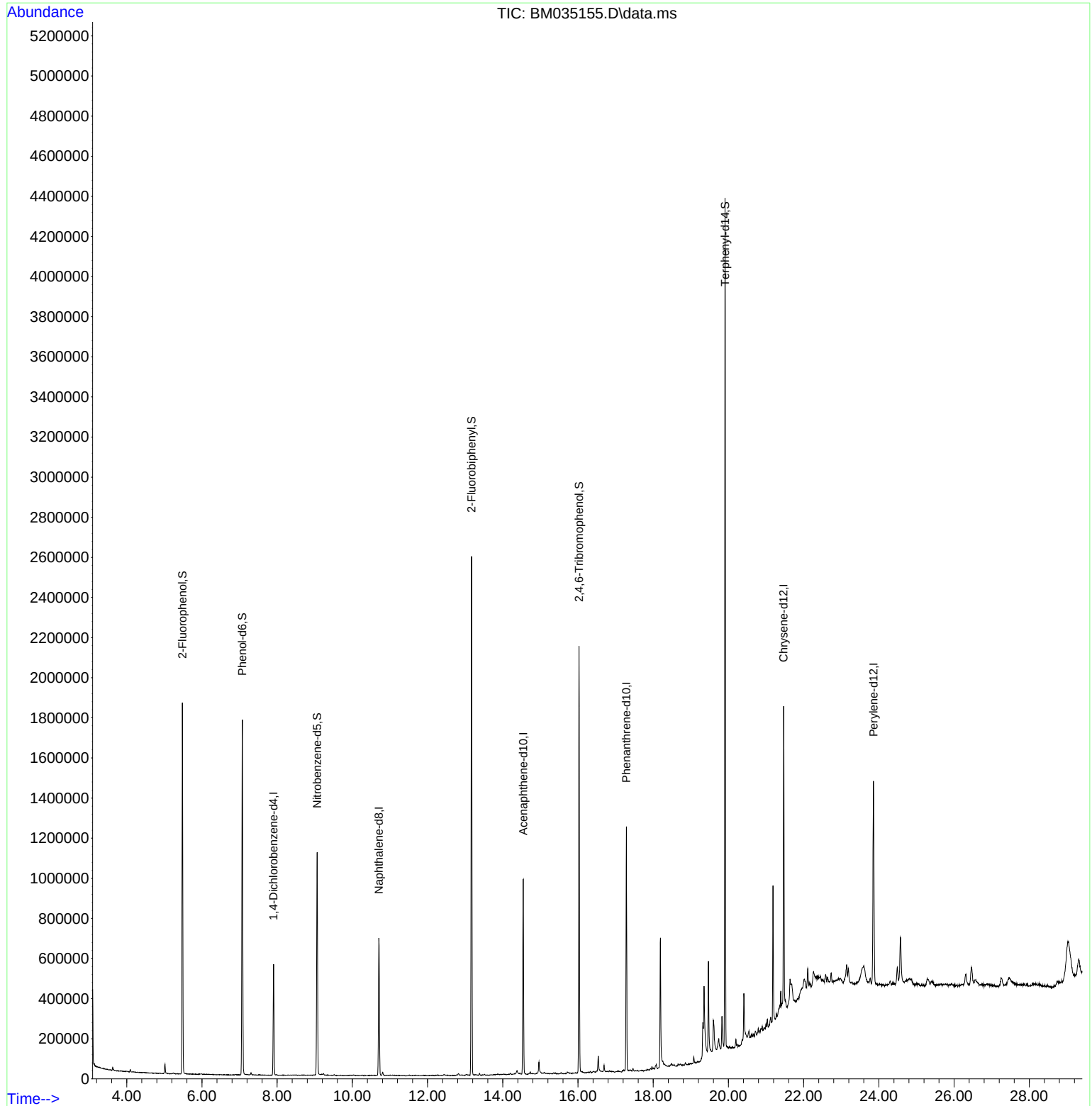
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

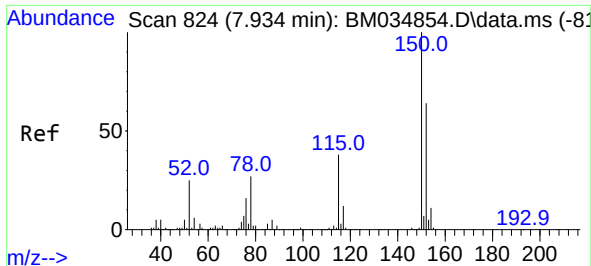
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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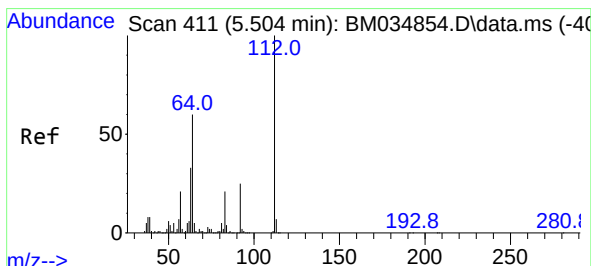
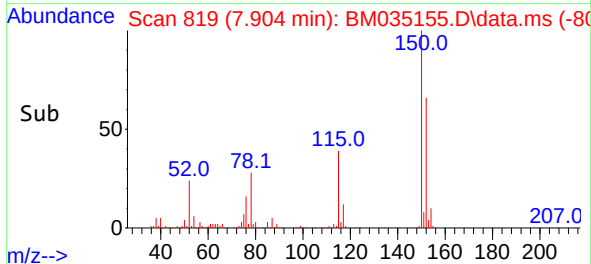
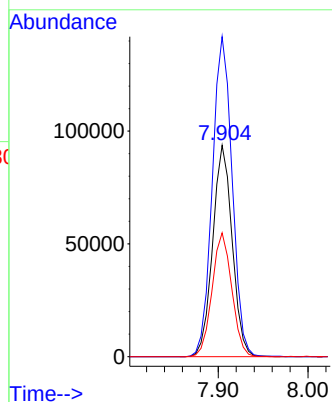
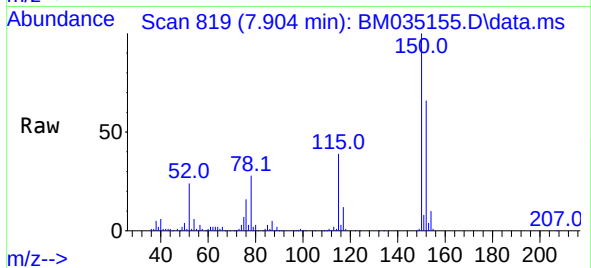




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.904 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM035155.D  
Acq: 19 May 2022 16:24

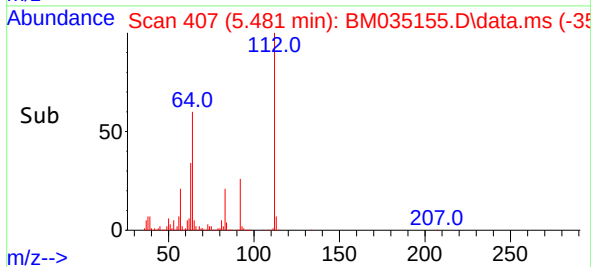
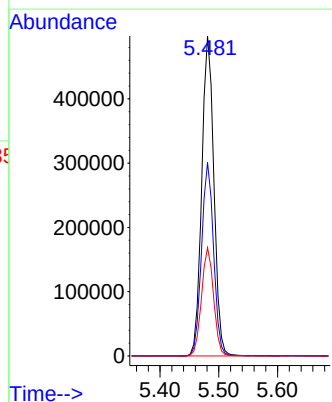
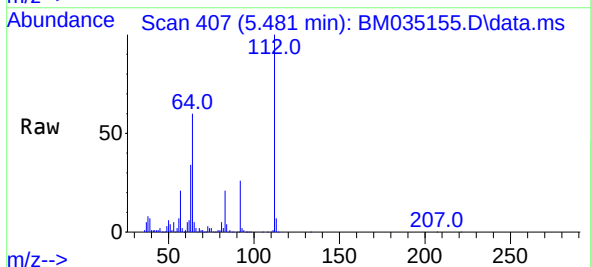
Instrument :  
BNA\_M  
ClientSampleId :  
P011-SS003-0612-01

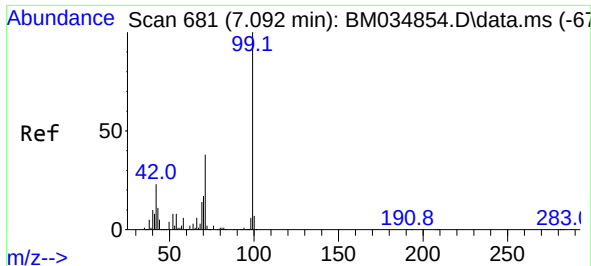
Tgt Ion:152 Resp: 141579  
Ion Ratio Lower Upper  
152 100  
150 151.4 124.9 187.3  
115 58.6 47.9 71.9



#5  
2-Fluorophenol  
Concen: 88.669 ng  
RT: 5.481 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: BM035155.D  
Acq: 19 May 2022 16:24

Tgt Ion:112 Resp: 711568  
Ion Ratio Lower Upper  
112 100  
64 60.5 47.8 71.6  
63 33.9 26.6 40.0

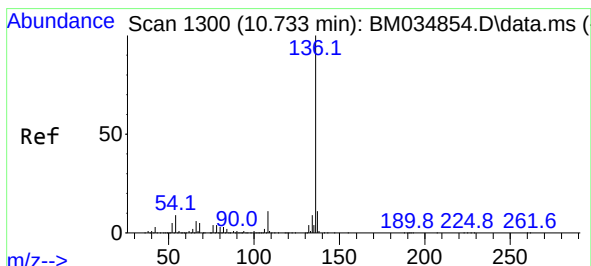
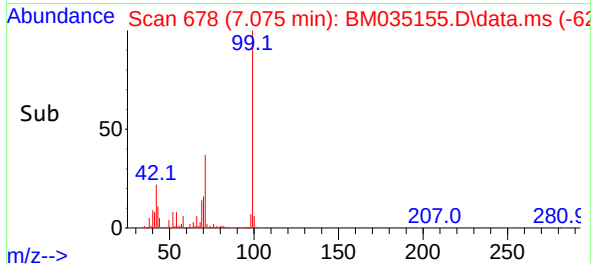
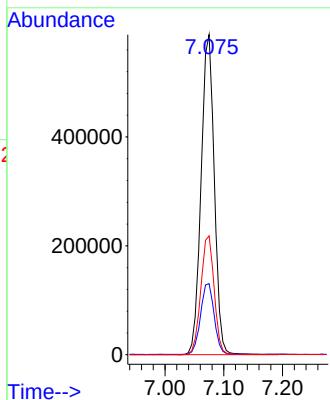
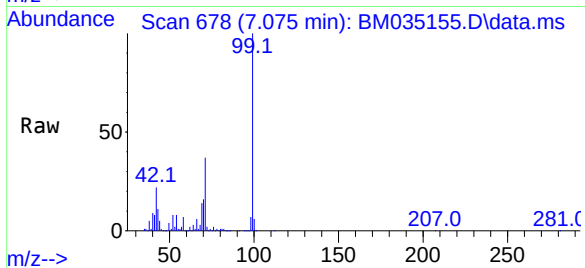




#7  
Phenol-d6  
Concen: 88.508 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM035155.D  
Acq: 19 May 2022 16:24

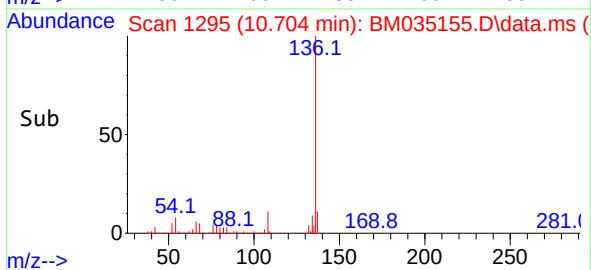
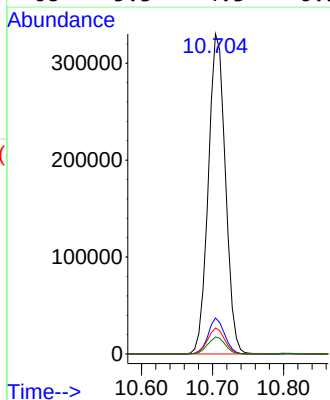
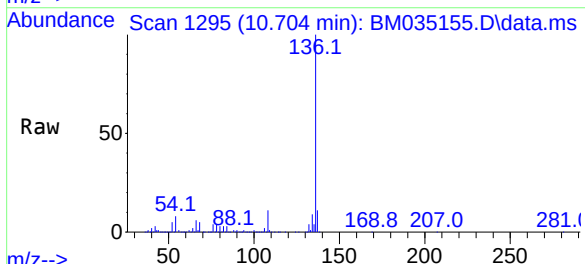
Instrument :  
BNA\_M  
ClientSampleId :  
P011-SS003-0612-01

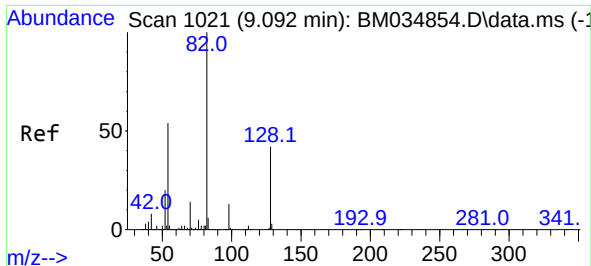
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 916926 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 22.2  | 18.8  | 28.2   |
| 71       | 37.2  | 30.2  | 45.2   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BM035155.D  
Acq: 19 May 2022 16:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 552480 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 8.9   | 13.3   |
| 54       | 8.1   | 7.0   | 10.4   |
| 68       | 5.3   | 4.3   | 6.5    |





#23

Nitrobenzene-d5

Concen: 58.553 ng

RT: 9.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BM035155.D

Acq: 19 May 2022 16:24

Instrument :

BNA\_M

ClientSampleId :

P011-SS003-0612-01

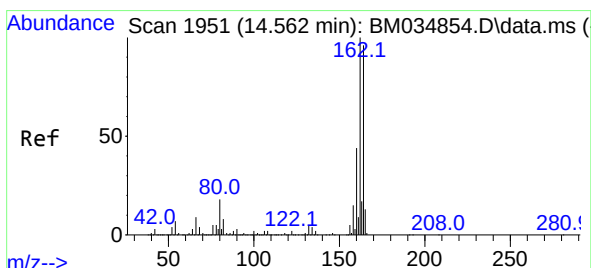
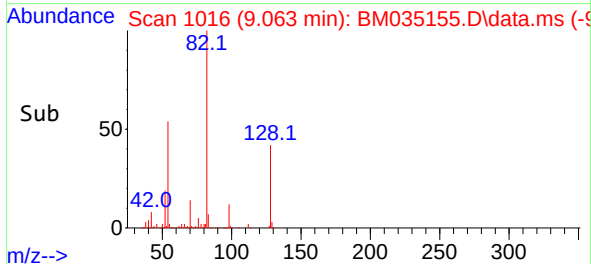
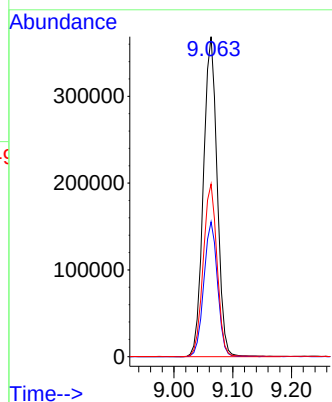
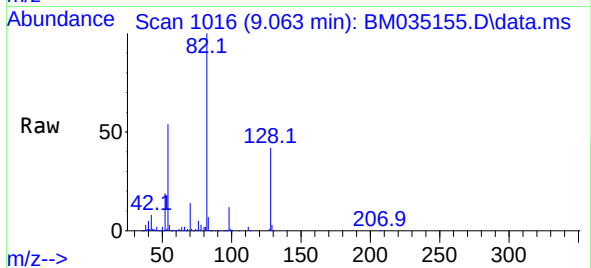
Tgt Ion: 82 Resp: 599047

Ion Ratio Lower Upper

82 100

128 42.2 33.7 50.5

54 54.0 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BM035155.D

Acq: 19 May 2022 16:24

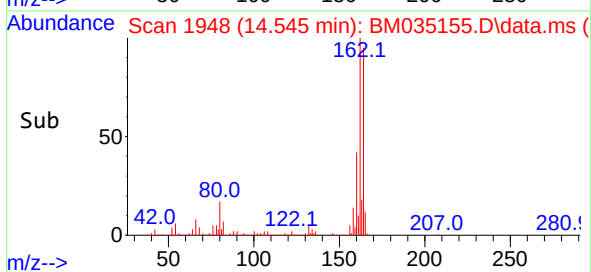
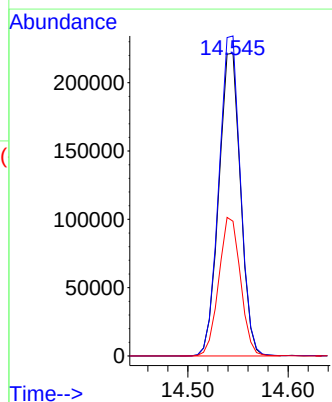
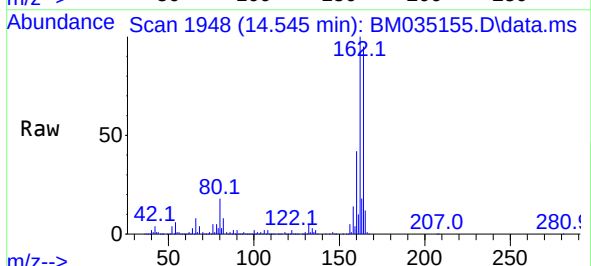
Tgt Ion: 164 Resp: 333108

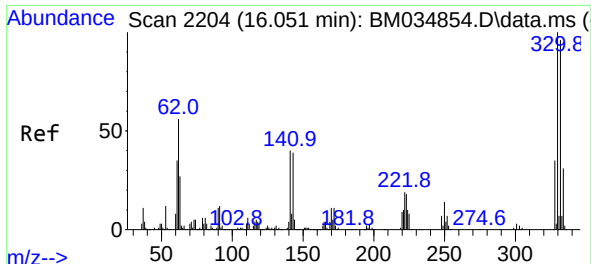
Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.6

160 44.5 37.0 55.4

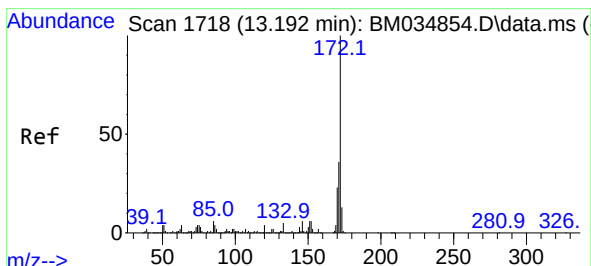
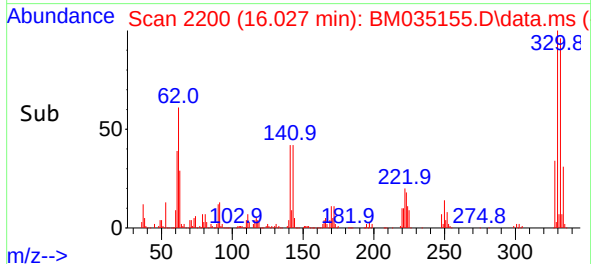
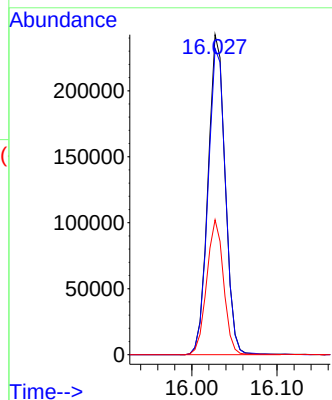
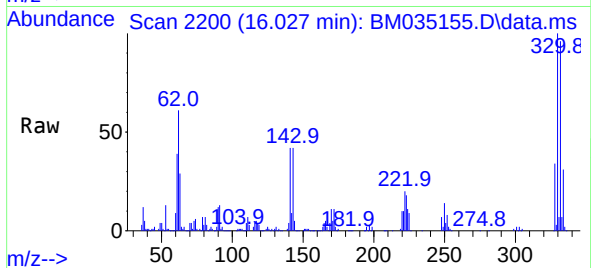




#42  
2,4,6-Tribromophenol  
Concen: 93.274 ng  
RT: 16.027 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035155.D  
Acq: 19 May 2022 16:24

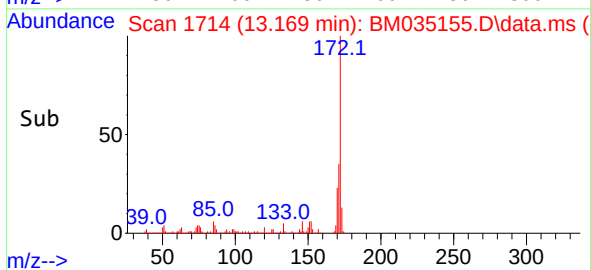
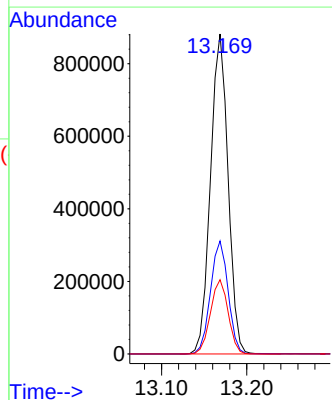
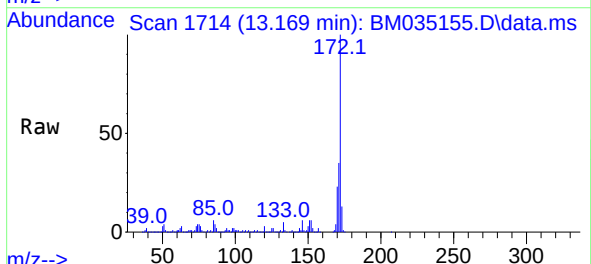
Instrument :  
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P011-SS003-0612-01

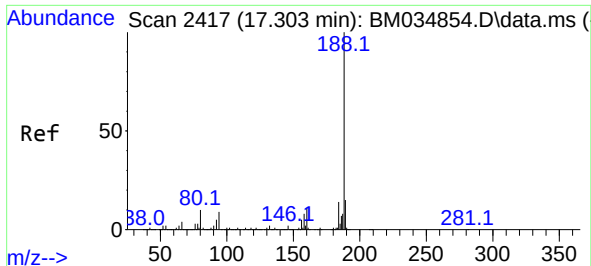
Tgt Ion:330 Resp: 337983  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.0 115.4  
141 41.7 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 55.036 ng  
RT: 13.169 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: BM035155.D  
Acq: 19 May 2022 16:24

Tgt Ion:172 Resp: 1262881  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.5 42.7  
170 23.2 18.7 28.1

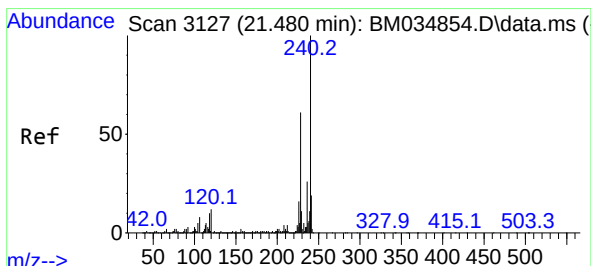
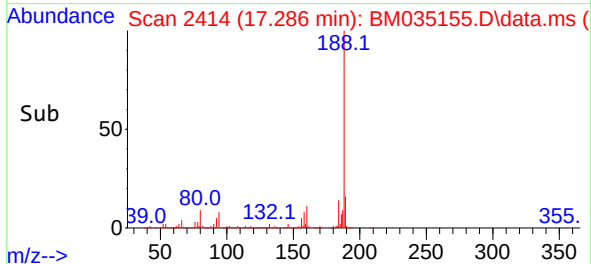
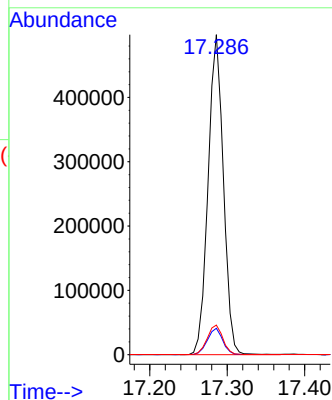
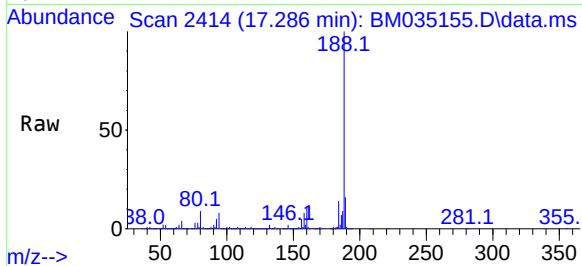




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.286 min Scan# 2414  
Delta R.T. -0.000 min  
Lab File: BM035155.D  
Acq: 19 May 2022 16:24

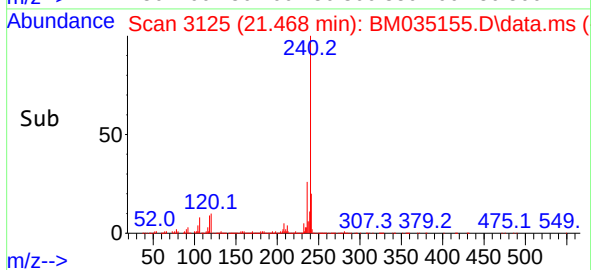
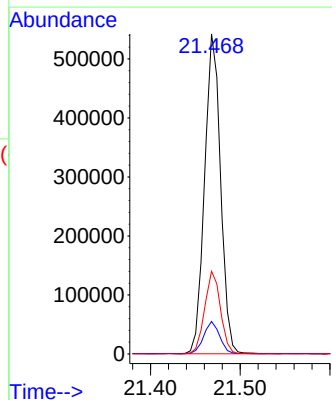
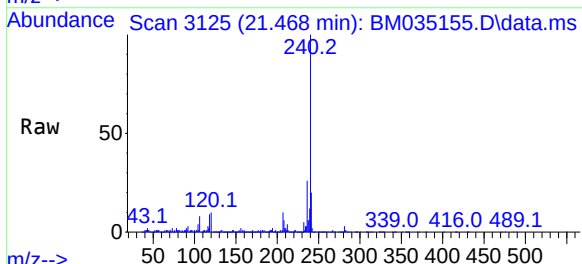
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BNA\_M  
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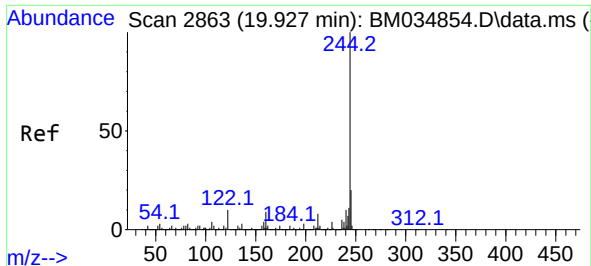
Tgt Ion:188 Resp: 680818  
Ion Ratio Lower Upper  
188 100  
94 8.2 7.0 10.4  
80 9.2 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.468 min Scan# 3125  
Delta R.T. -0.006 min  
Lab File: BM035155.D  
Acq: 19 May 2022 16:24

Tgt Ion:240 Resp: 669232  
Ion Ratio Lower Upper  
240 100  
120 10.1 9.4 14.0  
236 25.9 20.6 30.8

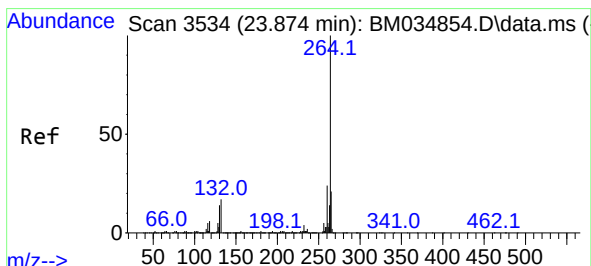
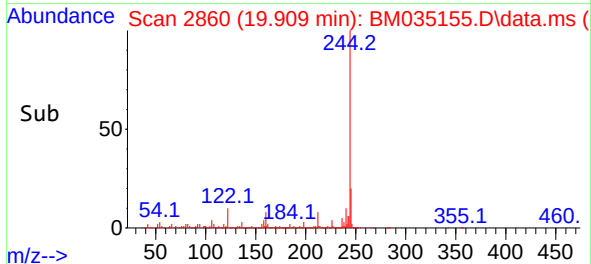
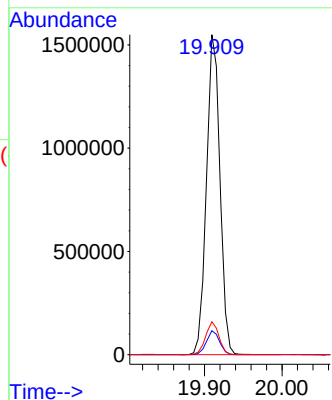
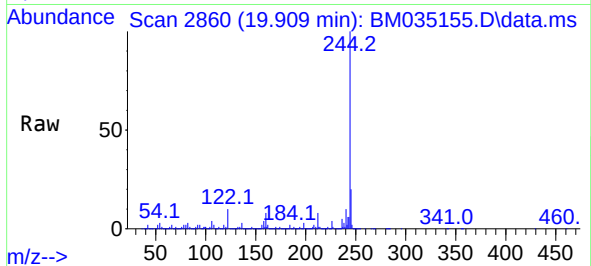




#79  
 Terphenyl-d14  
 Concen: 54.110 ng  
 RT: 19.909 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM035155.D  
 Acq: 19 May 2022 16:24

Instrument :  
 BNA\_M  
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 P011-SS003-0612-01

Tgt Ion:244 Resp: 1870266  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.4  
 122 10.3 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: BM035155.D  
 Acq: 19 May 2022 16:24

Tgt Ion:264 Resp: 732833  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.9 28.3  
 265 21.6 17.5 26.3

