

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062222\  
 Data File : BM035614.D  
 Acq On : 22 Jun 2022 23:31  
 Operator : CG/JU  
 Sample : N3430-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-5-20-22-20220621

Quant Time: Jun 23 07:37:53 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 23 07:33:33 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.798  | 152  | 165390   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.598 | 136  | 661003   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.445 | 164  | 368270   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.192 | 188  | 734026   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.380 | 240  | 775936   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.715 | 264  | 868944   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.398  | 112  | 1099329  | 112.717 | ng    | 0.00     |
| 7) Phenol-d6                | 6.998  | 99   | 1377999  | 101.958 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.963  | 82   | 815403   | 67.037  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.939 | 330  | 451683   | 115.201 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.063 | 172  | 1837694  | 71.289  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.815 | 244  | 2444370  | 60.149  | ng    | 0.00     |

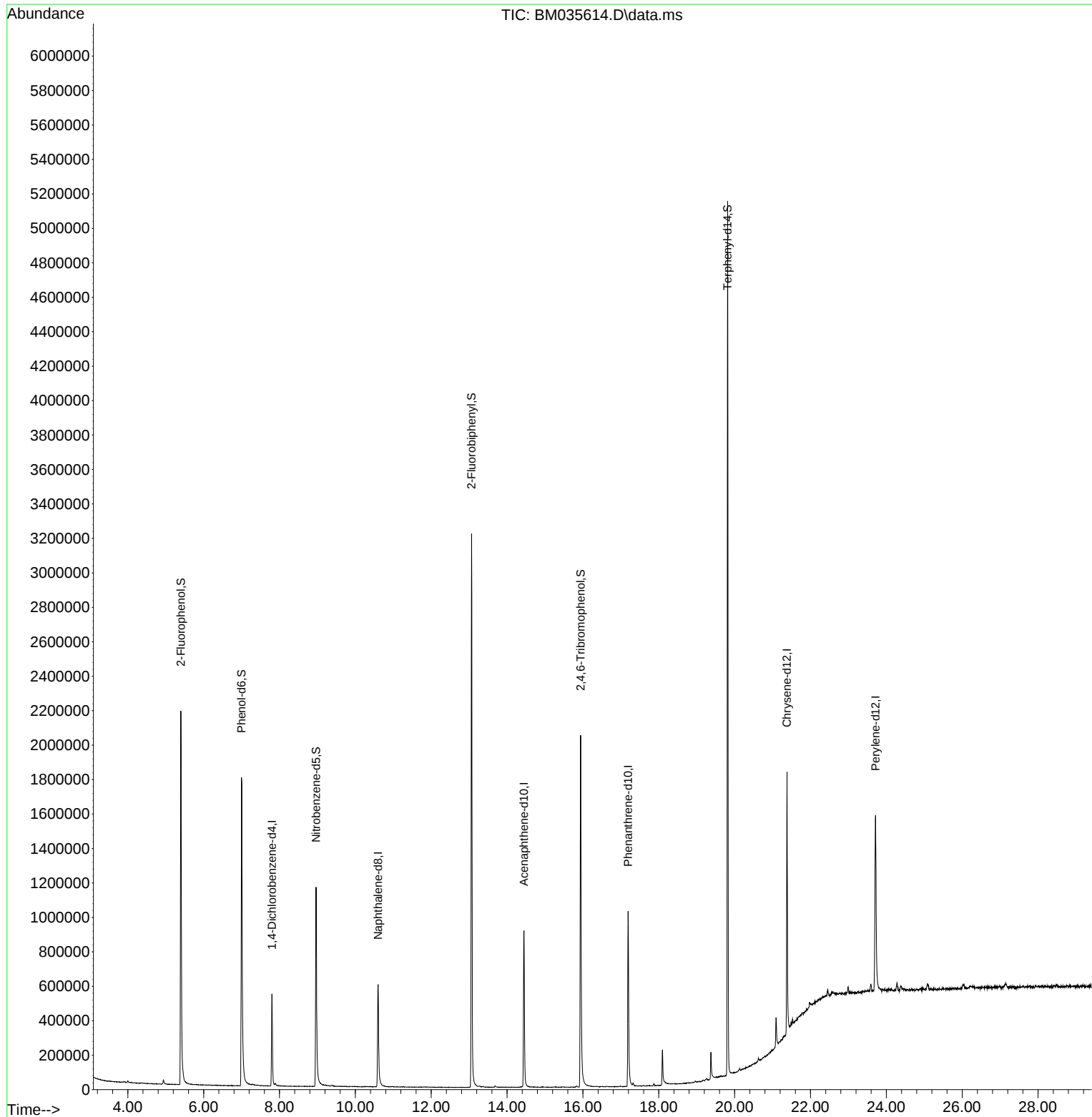
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

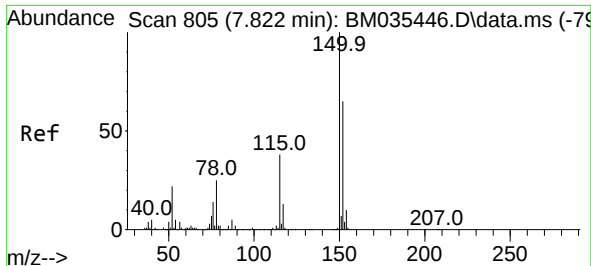
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-5-20-22-20220621

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 23 07:33:33 2022  
Response via : Initial Calibration

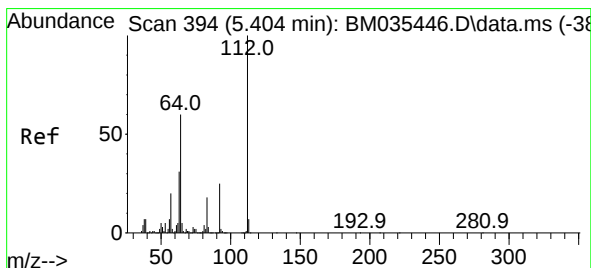
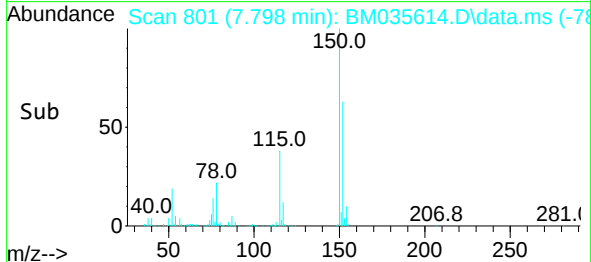
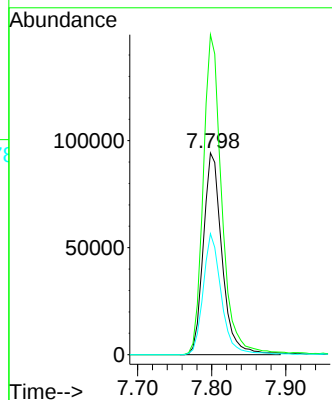
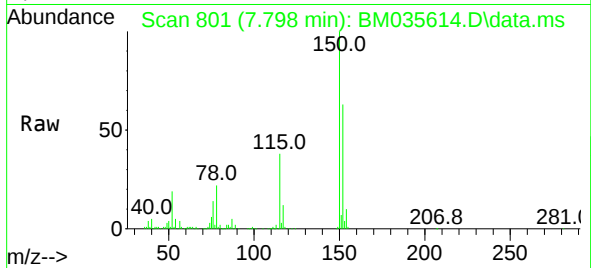




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.798 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BM035614.D  
 Acq: 22 Jun 2022 23:31

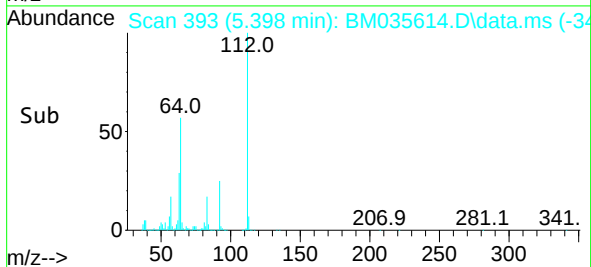
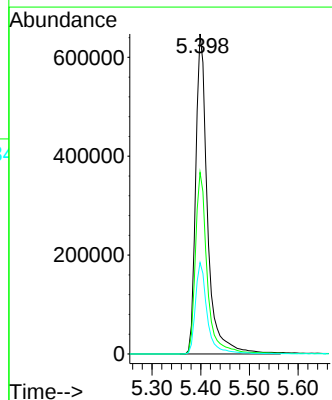
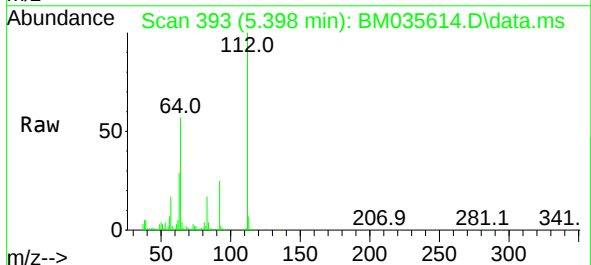
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-5-20-22-20220621

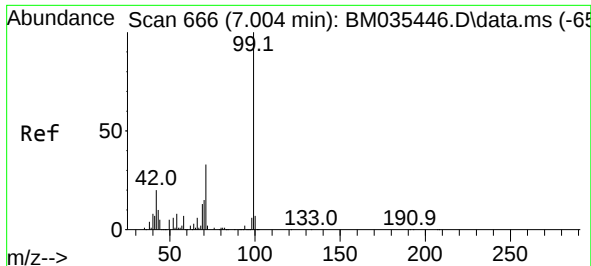
Tgt Ion:152 Resp: 165390  
 Ion Ratio Lower Upper  
 152 100  
 150 158.6 124.9 187.3  
 115 59.9 47.9 71.9



#5  
 2-Fluorophenol  
 Concen: 112.717 ng  
 RT: 5.398 min Scan# 393  
 Delta R.T. -0.006 min  
 Lab File: BM035614.D  
 Acq: 22 Jun 2022 23:31

Tgt Ion:112 Resp: 1099329  
 Ion Ratio Lower Upper  
 112 100  
 64 56.8 47.8 71.6  
 63 28.6 26.6 40.0

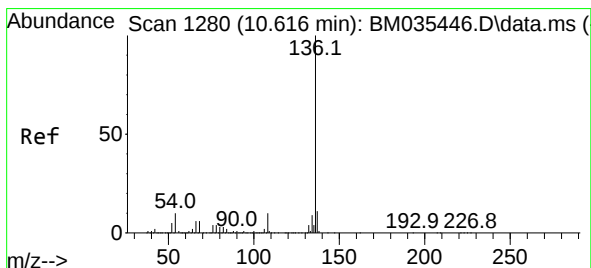
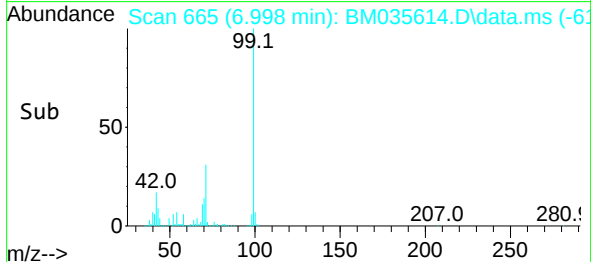
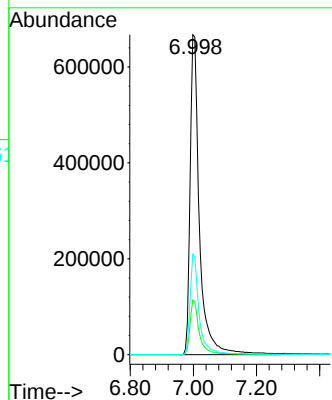
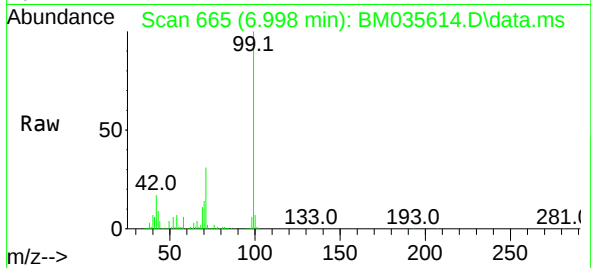




#7  
Phenol-d6  
Concen: 101.958 ng  
RT: 6.998 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BM035614.D  
Acq: 22 Jun 2022 23:31

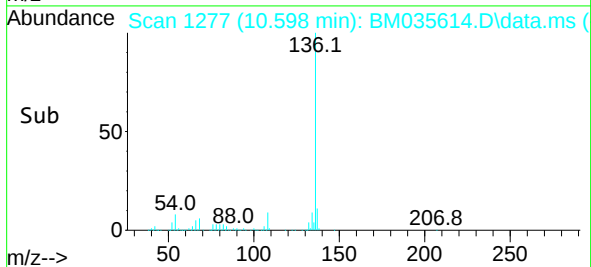
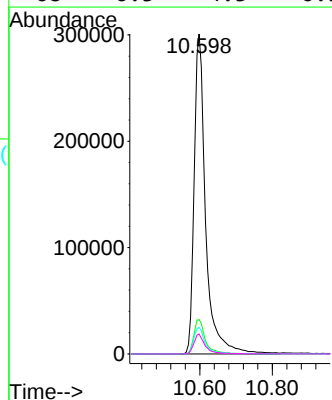
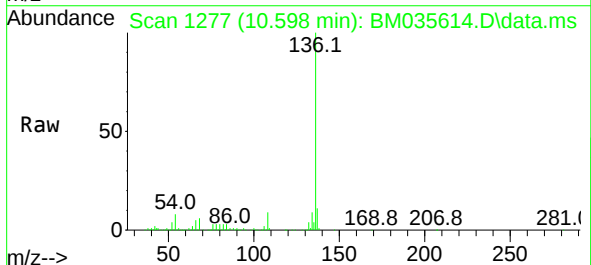
Instrument :  
BNA\_M  
ClientSampleId :  
SB-5-20-22-20220621

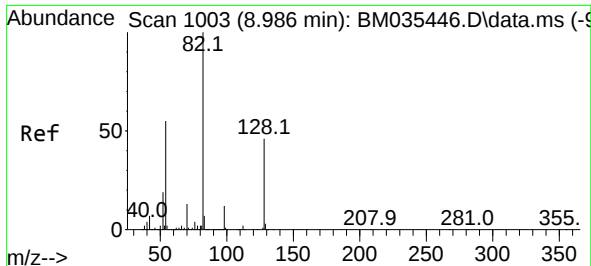
Tgt Ion: 99 Resp: 1377999  
Ion Ratio Lower Upper  
99 100  
42 17.1 18.8 28.2#  
71 31.4 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.598 min Scan# 1277  
Delta R.T. -0.000 min  
Lab File: BM035614.D  
Acq: 22 Jun 2022 23:31

Tgt Ion: 136 Resp: 661003  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 8.3 7.0 10.4  
68 6.3 4.3 6.5

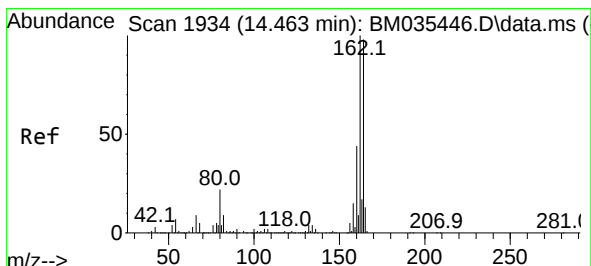
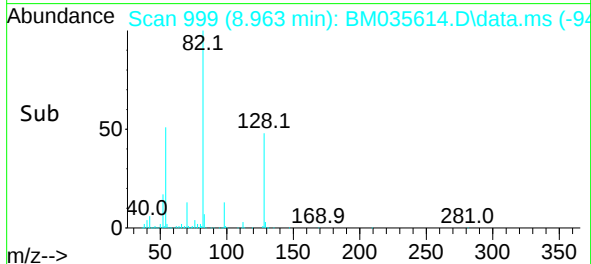
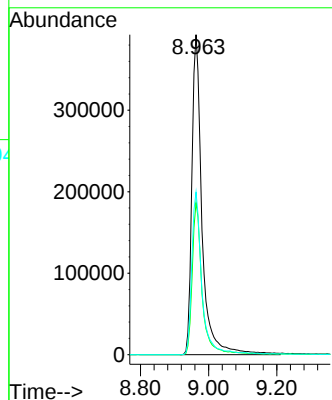
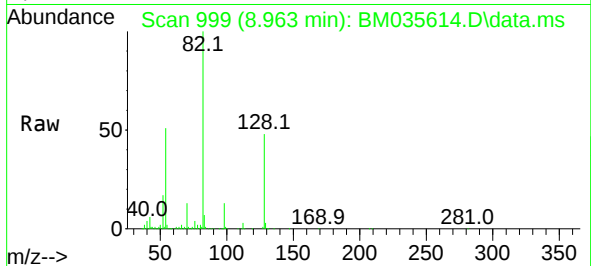




#23  
Nitrobenzene-d5  
Concen: 67.037 ng  
RT: 8.963 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM035614.D  
Acq: 22 Jun 2022 23:31

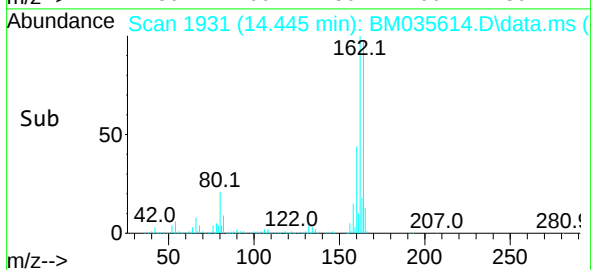
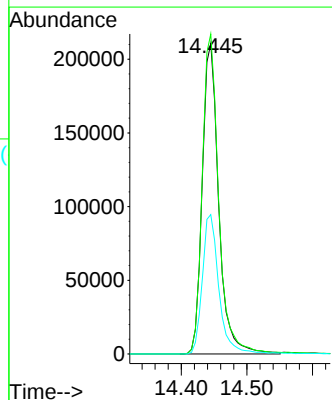
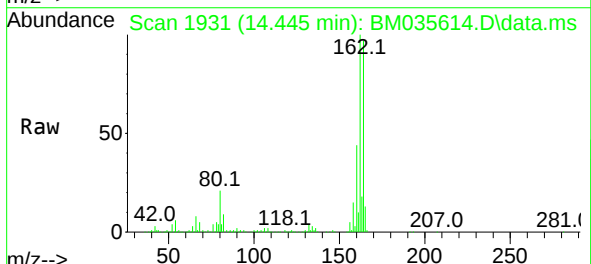
Instrument :  
BNA\_M  
ClientSampleId :  
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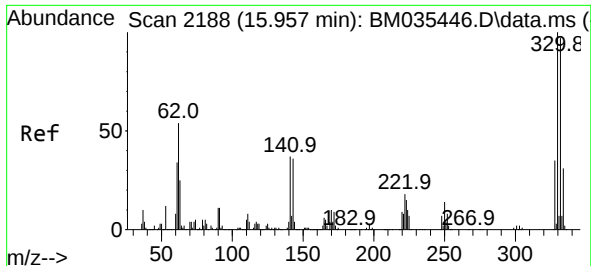
Tgt Ion: 82 Resp: 815403  
Ion Ratio Lower Upper  
82 100  
128 47.5 33.7 50.5  
54 50.8 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.445 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: BM035614.D  
Acq: 22 Jun 2022 23:31

Tgt Ion: 164 Resp: 368270  
Ion Ratio Lower Upper  
164 100  
162 103.1 83.0 124.6  
160 44.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 115.201 ng

RT: 15.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035614.D

Acq: 22 Jun 2022 23:31

Instrument :

BNA\_M

ClientSampleId :

SB-5-20-22-20220621

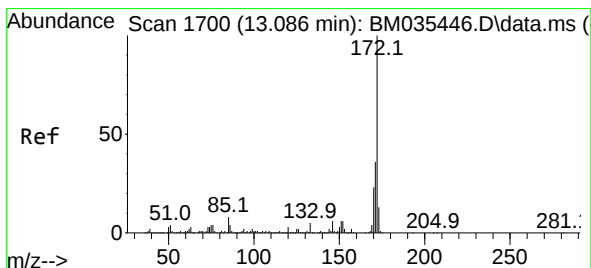
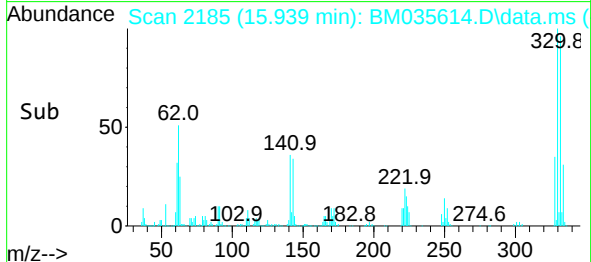
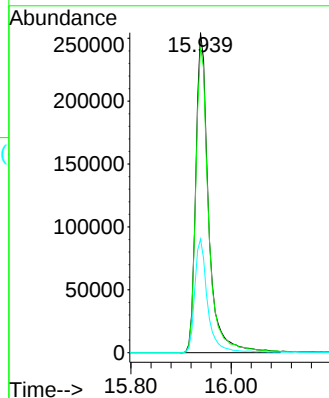
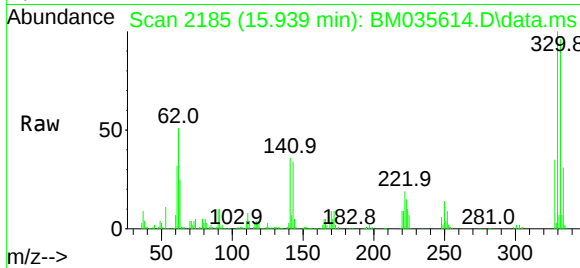
Tgt Ion:330 Resp: 451683

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 35.8 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 71.289 ng

RT: 13.063 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM035614.D

Acq: 22 Jun 2022 23:31

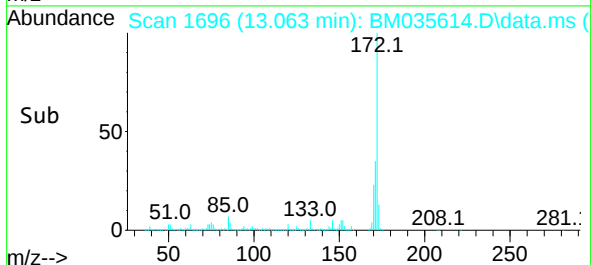
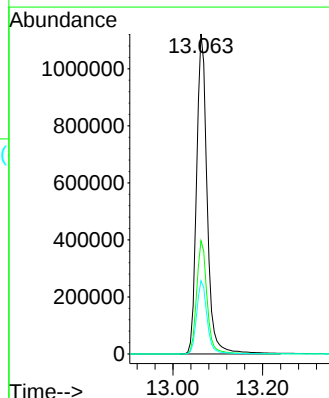
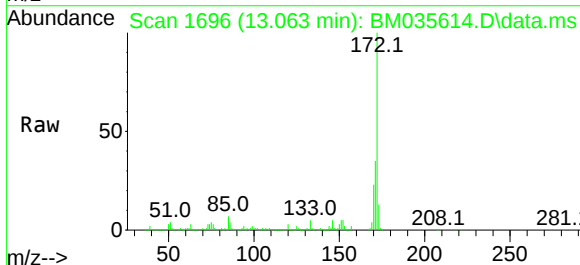
Tgt Ion:172 Resp: 1837694

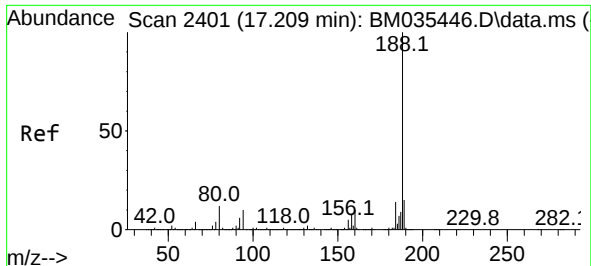
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 22.9 18.7 28.1

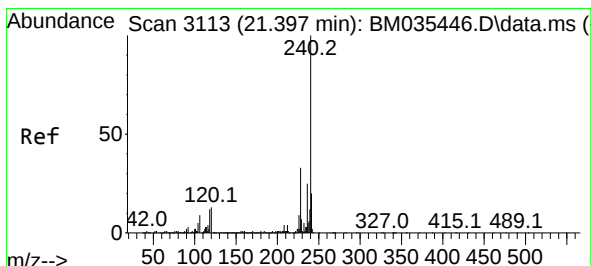
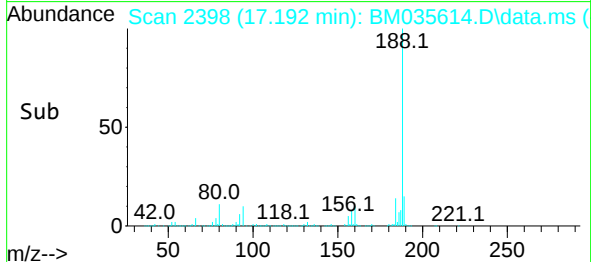
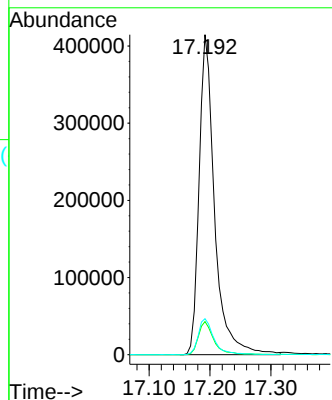
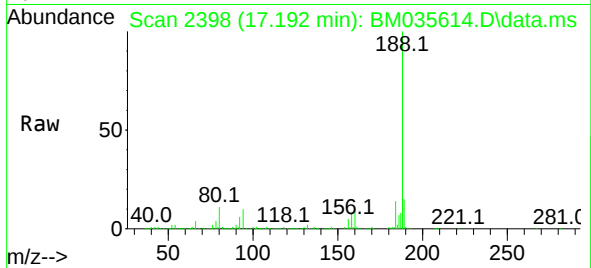




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.192 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM035614.D  
Acq: 22 Jun 2022 23:31

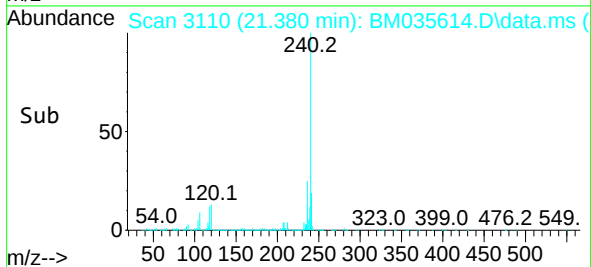
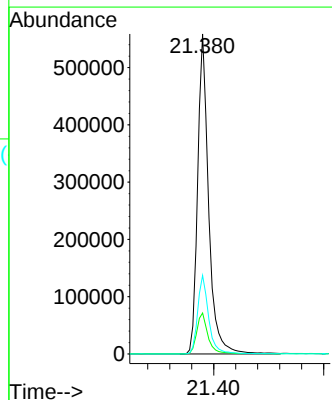
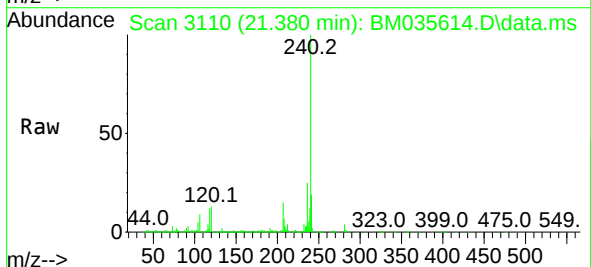
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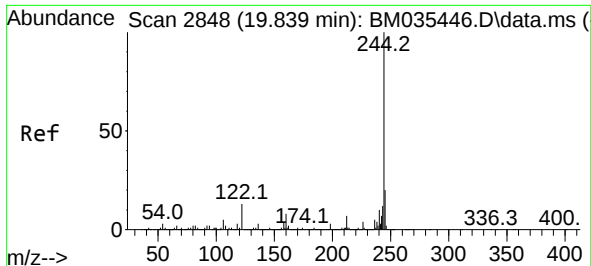
Tgt Ion:188 Resp: 734026  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.0 10.4  
80 11.3 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.380 min Scan# 3110  
Delta R.T. -0.000 min  
Lab File: BM035614.D  
Acq: 22 Jun 2022 23:31

Tgt Ion:240 Resp: 775936  
Ion Ratio Lower Upper  
240 100  
120 12.8 9.4 14.0  
236 24.6 20.6 30.8

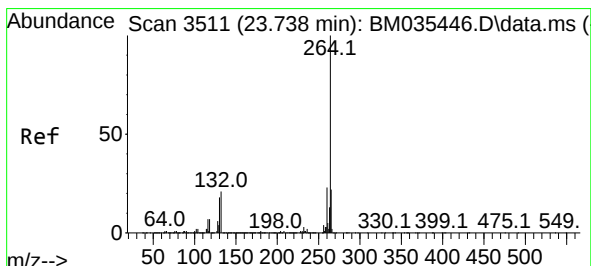
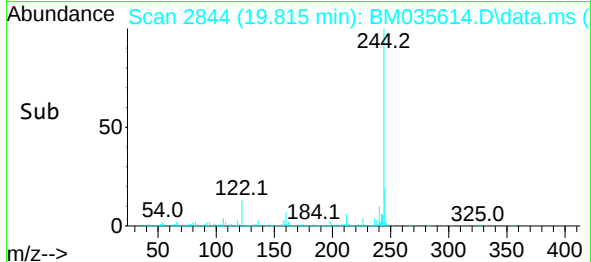
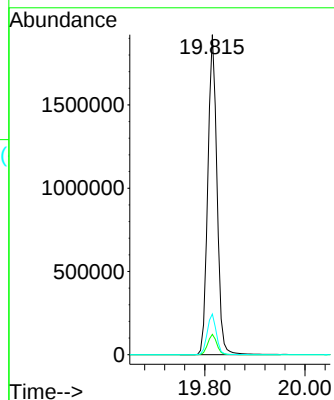
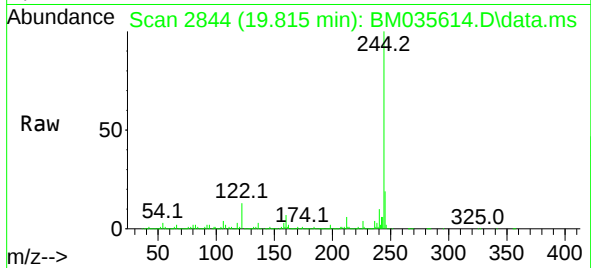




#79  
 Terphenyl-d14  
 Concen: 60.149 ng  
 RT: 19.815 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM035614.D  
 Acq: 22 Jun 2022 23:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-5-20-22-20220621

Tgt Ion:244 Resp: 2444370  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 6.2 9.4  
 122 12.7 8.3 12.5#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.715 min Scan# 3507  
 Delta R.T. -0.000 min  
 Lab File: BM035614.D  
 Acq: 22 Jun 2022 23:31

Tgt Ion:264 Resp: 868944  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.9 28.3  
 265 21.1 17.5 26.3

