

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010722\  
 Data File : BM033678.D  
 Acq On : 07 Jan 2022 20:42  
 Operator : CG/JU  
 Sample : N1065-42  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 AMI-11

Quant Time: Jan 08 06:54:42 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 17:07:26 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.978  | 152  | 151106   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.795 | 136  | 612918   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.612 | 164  | 404800   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.348 | 188  | 897293   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.512 | 240  | 964284   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.935 | 264  | 927802   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.519  | 112  | 896135   | 93.532  | ng    | 0.00     |
| 7) Phenol-d6                | 7.131  | 99   | 1144878  | 88.661  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.136  | 82   | 769472   | 57.979  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.095 | 330  | 496333   | 117.392 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.248 | 172  | 1707386  | 55.245  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.965 | 244  | 2932479  | 54.740  | ng    | 0.00     |

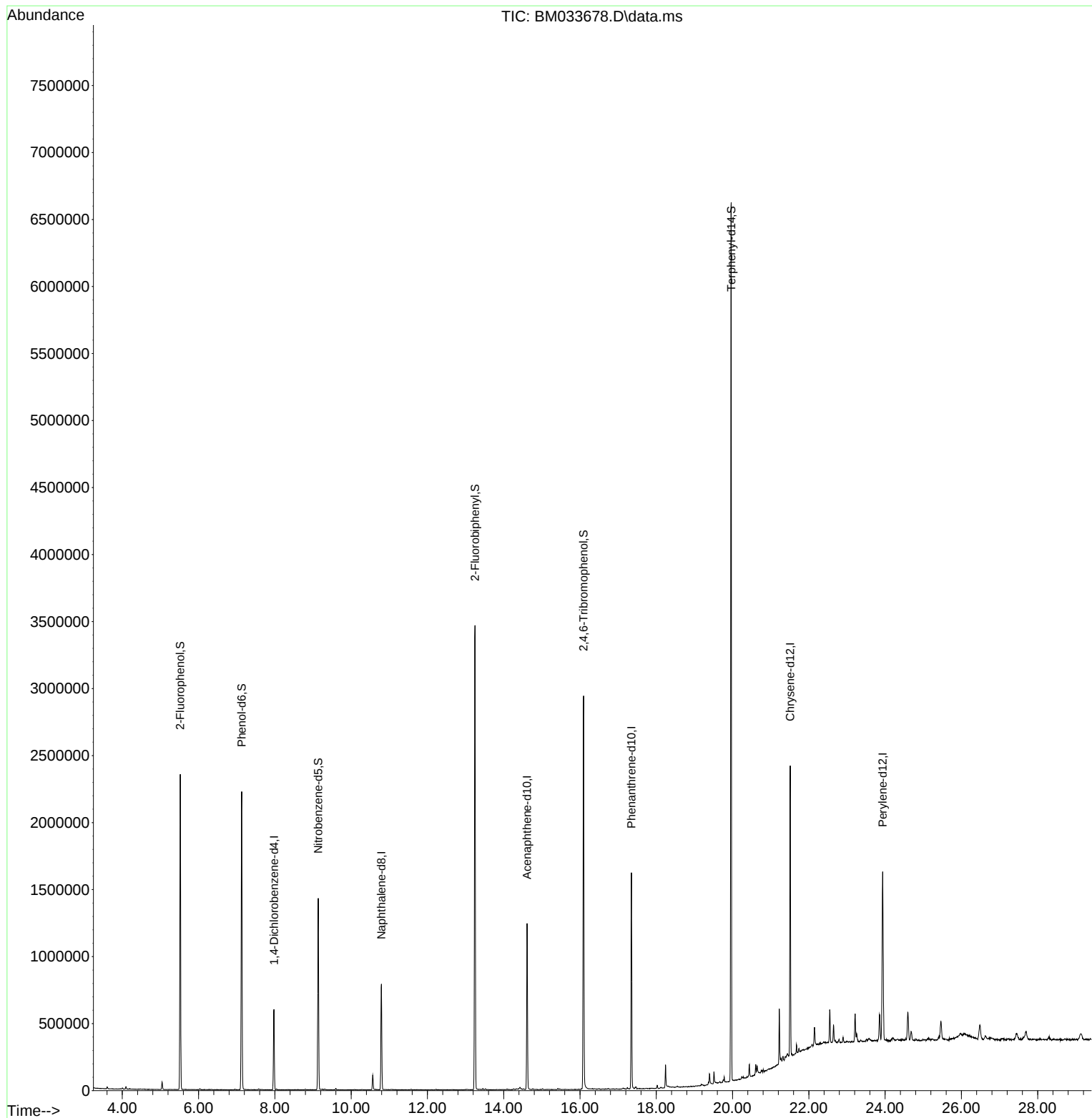
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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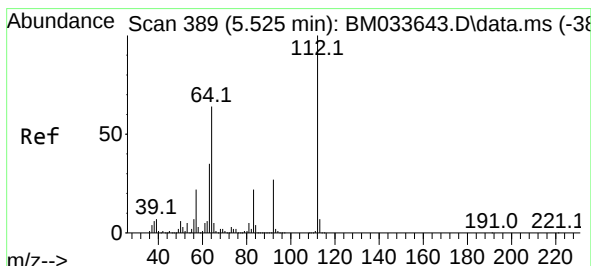
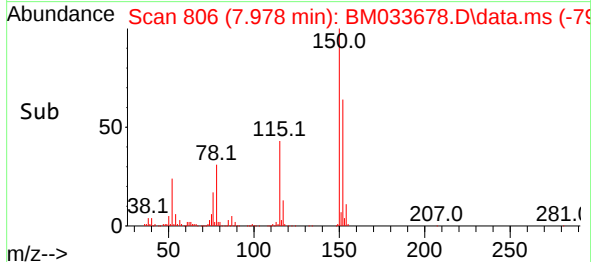
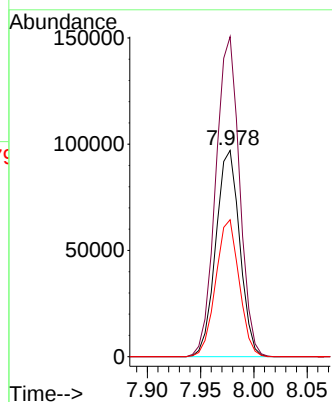
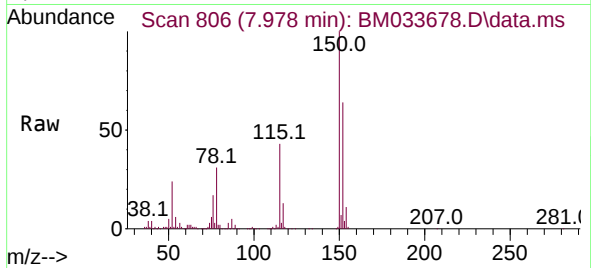




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.978 min Scan# 807  
Delta R.T. -0.006 min  
Lab File: BM033678.D  
Acq: 07 Jan 2022 20:42

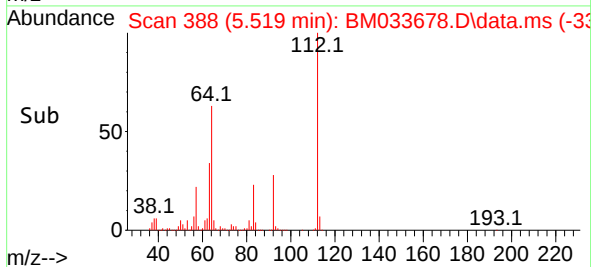
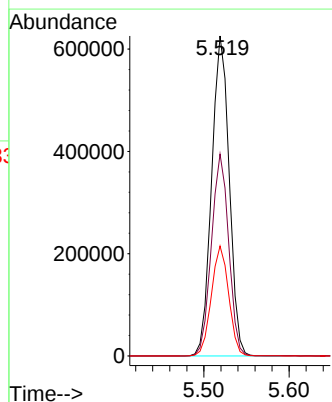
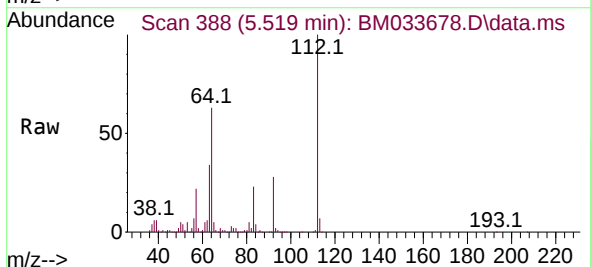
Instrument :  
BNA\_M  
ClientSampleId :  
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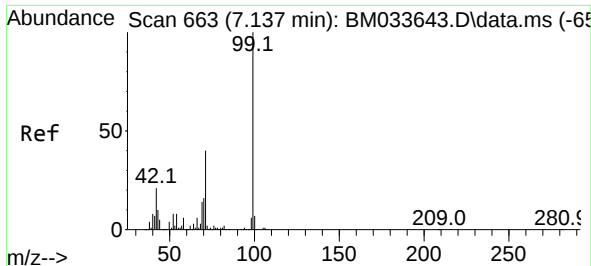
Tgt Ion:152 Resp: 151106  
Ion Ratio Lower Upper  
152 100  
150 155.1 128.9 193.3  
115 66.4 53.0 79.6



#5  
2-Fluorophenol  
Concen: 93.532 ng  
RT: 5.519 min Scan# 388  
Delta R.T. -0.006 min  
Lab File: BM033678.D  
Acq: 07 Jan 2022 20:42

Tgt Ion:112 Resp: 896135  
Ion Ratio Lower Upper  
112 100  
64 63.1 55.5 83.3  
63 34.3 31.3 46.9

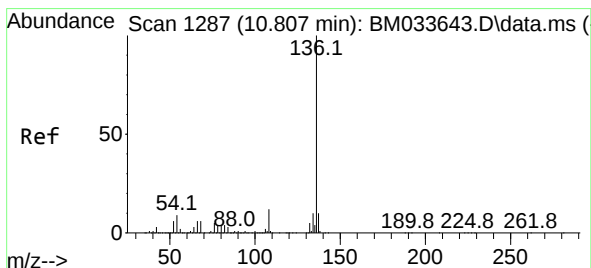
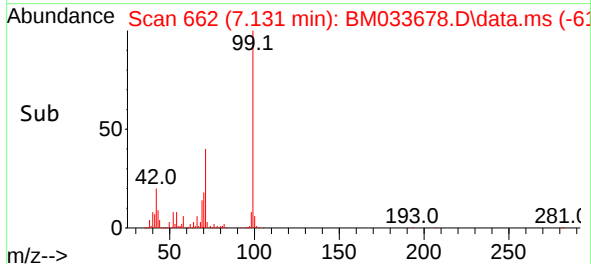
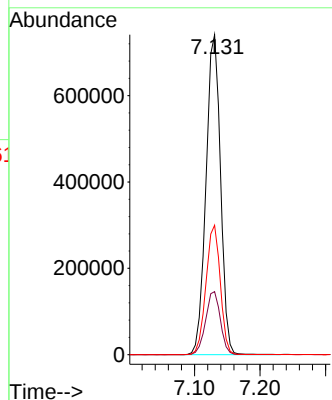
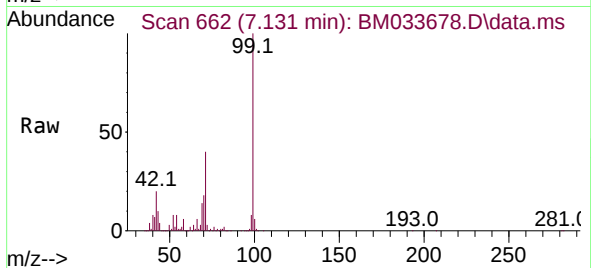




#7  
Phenol-d6  
Concen: 88.661 ng  
RT: 7.131 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM033678.D  
Acq: 07 Jan 2022 20:42

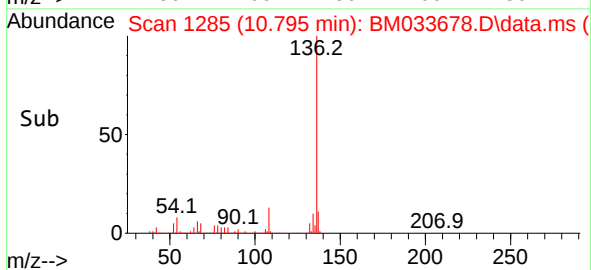
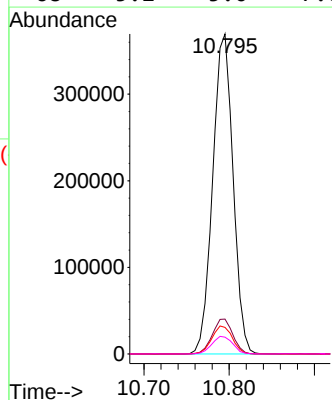
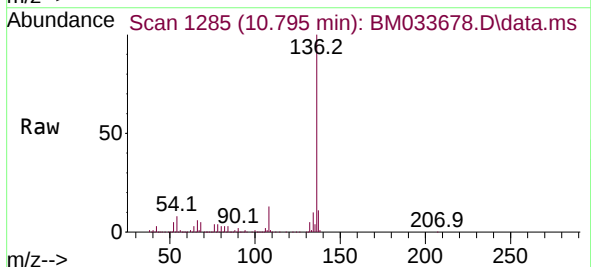
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BNA\_M  
ClientSampleId :  
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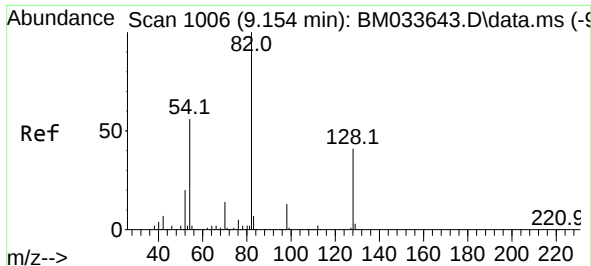
Tgt Ion: 99 Resp: 1144878  
Ion Ratio Lower Upper  
99 100  
42 19.7 20.3 30.5#  
71 40.5 34.5 51.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.795 min Scan# 1285  
Delta R.T. -0.012 min  
Lab File: BM033678.D  
Acq: 07 Jan 2022 20:42

Tgt Ion: 136 Resp: 612918  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.3 8.3 12.5#  
68 5.2 5.0 7.6

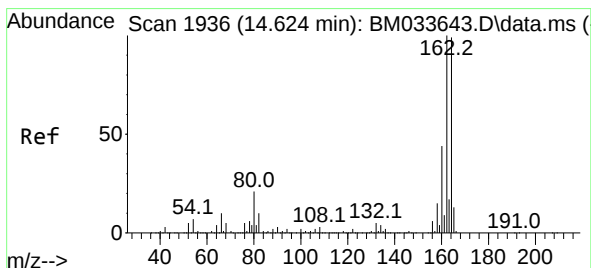
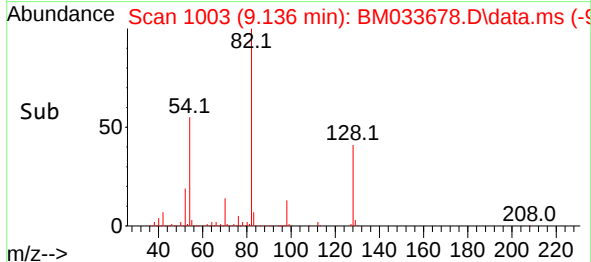
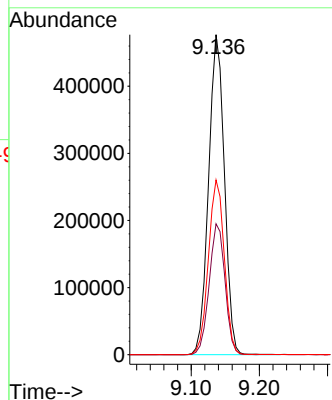
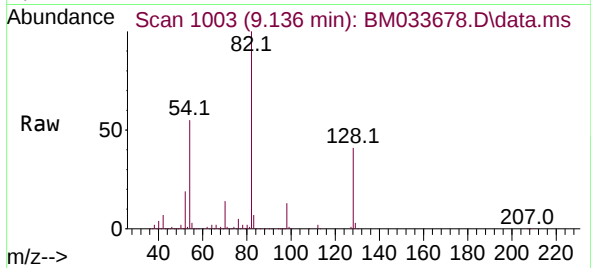




#23  
Nitrobenzene-d5  
Concen: 57.979 ng  
RT: 9.136 min Scan# 1003  
Delta R.T. -0.018 min  
Lab File: BM033678.D  
Acq: 07 Jan 2022 20:42

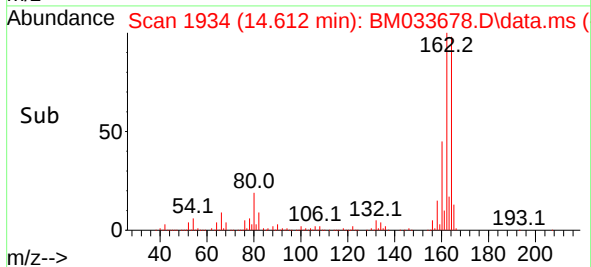
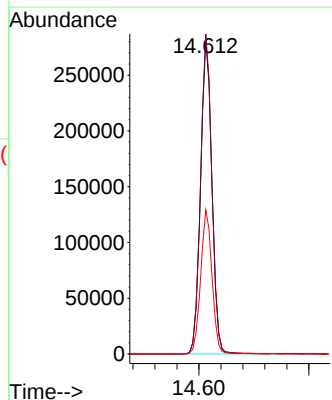
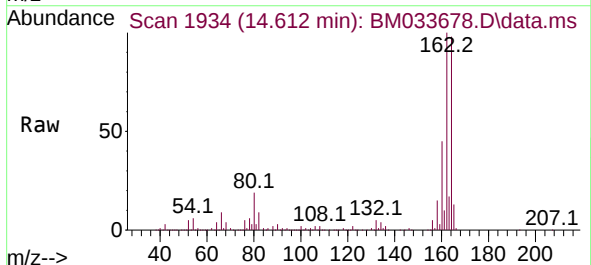
Instrument :  
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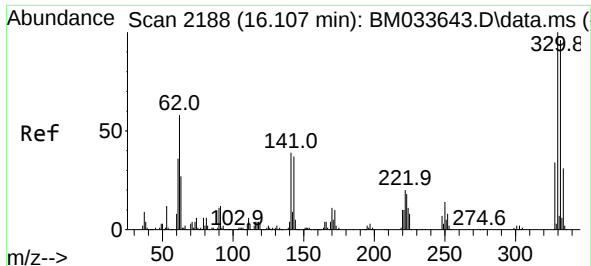
Tgt Ion: 82 Resp: 769472  
Ion Ratio Lower Upper  
82 100  
128 40.9 28.1 42.1  
54 54.6 46.1 69.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.612 min Scan# 1934  
Delta R.T. -0.012 min  
Lab File: BM033678.D  
Acq: 07 Jan 2022 20:42

Tgt Ion:164 Resp: 404800  
Ion Ratio Lower Upper  
164 100  
162 101.9 79.7 119.5  
160 45.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 117.392 ng

RT: 16.095 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM033678.D

Acq: 07 Jan 2022 20:42

Instrument :

BNA\_M

ClientSampleId :

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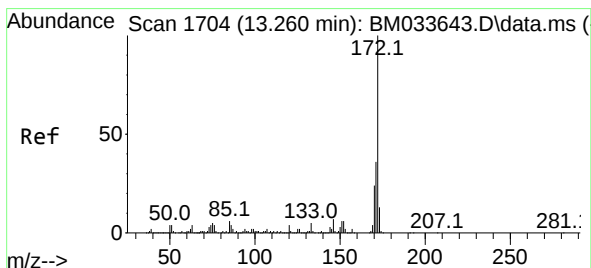
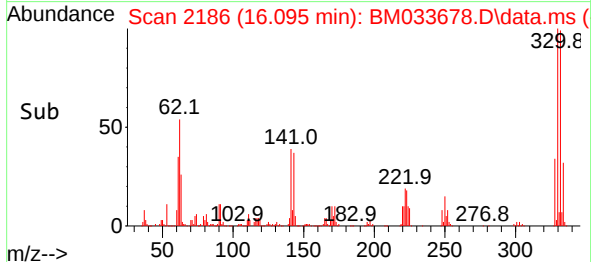
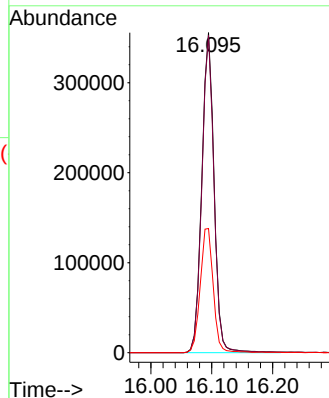
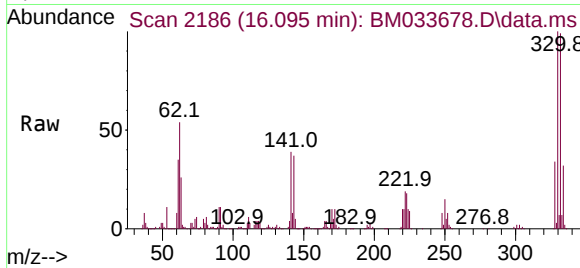
Tgt Ion:330 Resp: 496333

Ion Ratio Lower Upper

330 100

332 98.1 76.5 114.7

141 41.2 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 55.245 ng

RT: 13.248 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BM033678.D

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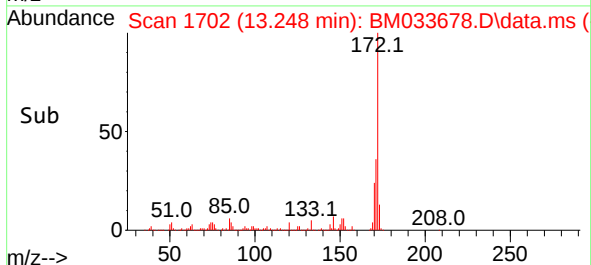
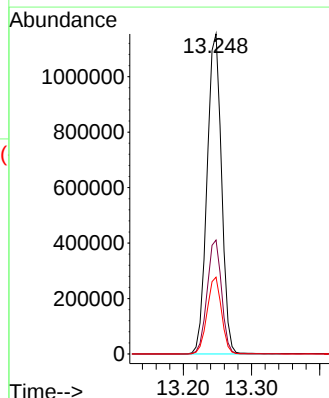
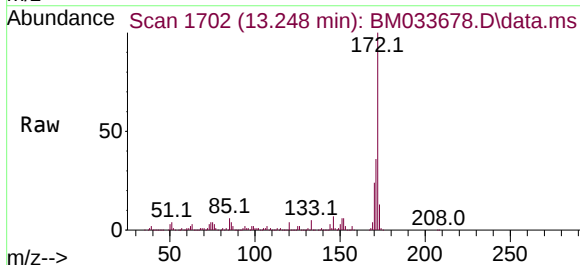
Tgt Ion:172 Resp: 1707386

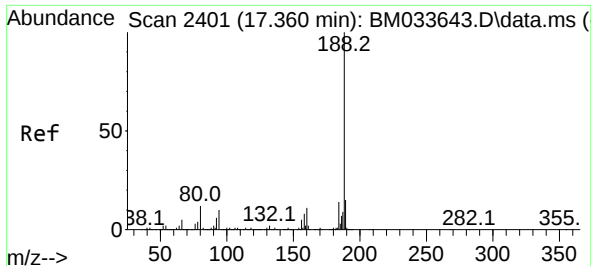
Ion Ratio Lower Upper

172 100

171 35.6 27.2 40.8

170 24.0 18.7 28.1

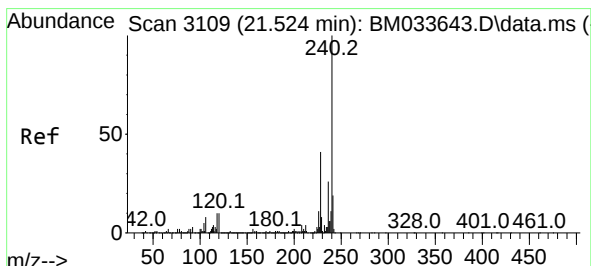
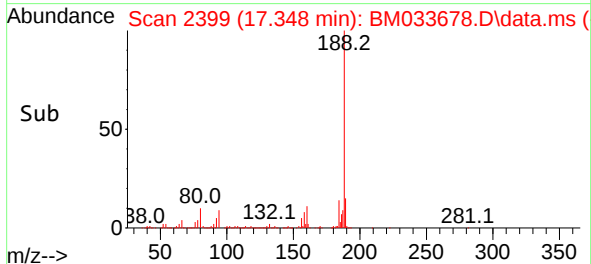
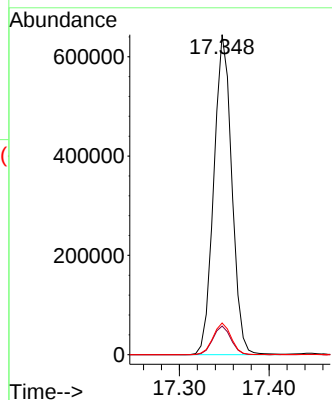
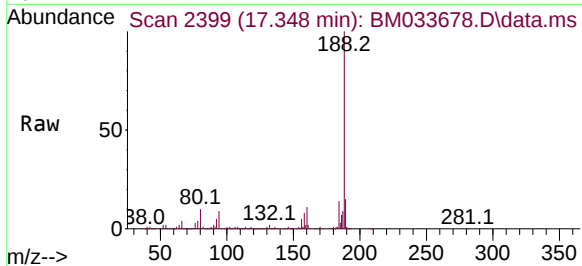




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.348 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM033678.D  
Acq: 07 Jan 2022 20:42

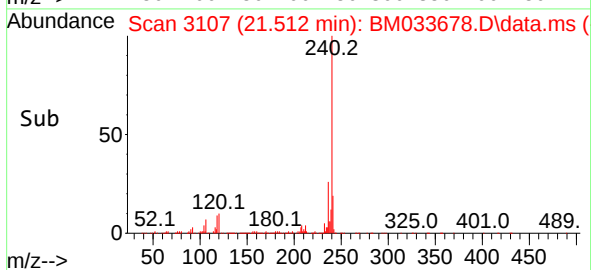
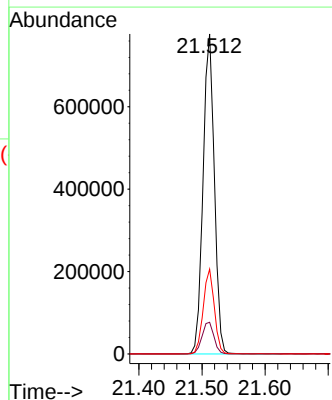
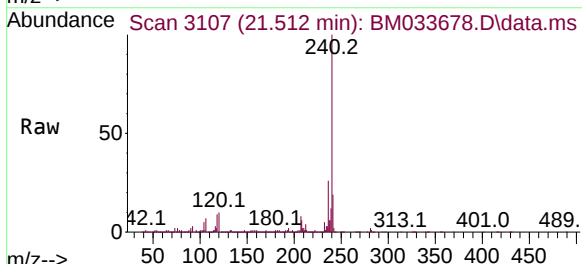
Instrument :  
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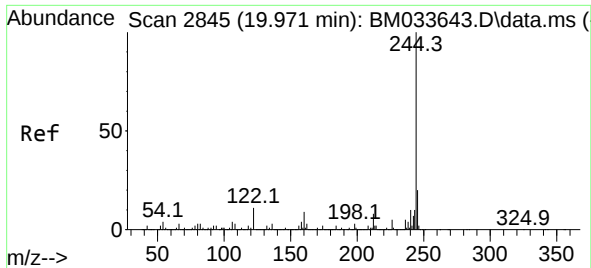
Tgt Ion:188 Resp: 897293  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.5 11.3  
80 9.9 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.512 min Scan# 3107  
Delta R.T. -0.012 min  
Lab File: BM033678.D  
Acq: 07 Jan 2022 20:42

Tgt Ion:240 Resp: 964284  
Ion Ratio Lower Upper  
240 100  
120 9.9 7.8 11.6  
236 26.5 20.3 30.5

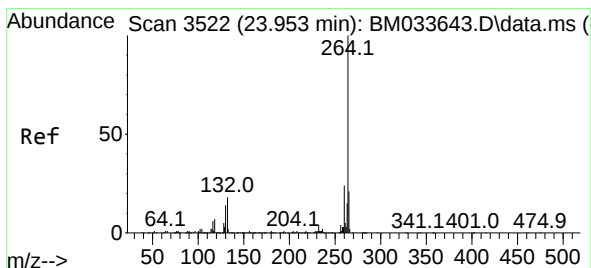
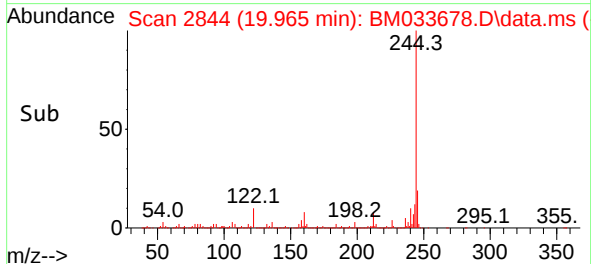
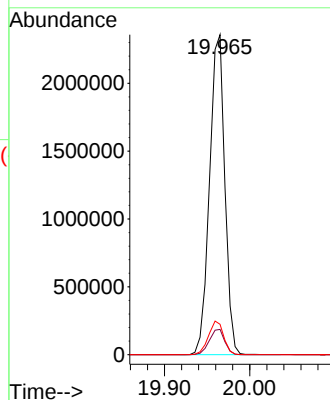
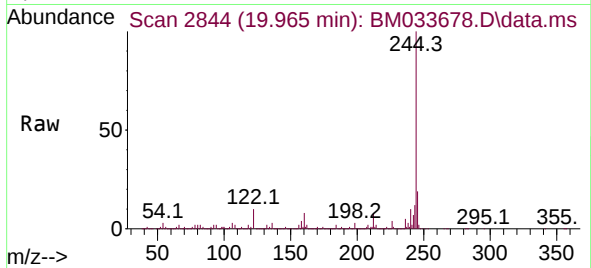




#79  
 Terphenyl-d14  
 Concen: 54.740 ng  
 RT: 19.965 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM033678.D  
 Acq: 07 Jan 2022 20:42

Instrument :  
 BNA\_M  
 ClientSampleId :  
 AMI-11

Tgt Ion:244 Resp: 2932479  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 5.9 8.9  
 122 9.5 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.935 min Scan# 3519  
 Delta R.T. -0.018 min  
 Lab File: BM033678.D  
 Acq: 07 Jan 2022 20:42

Tgt Ion:264 Resp: 927802  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 17.7 26.5  
 265 21.5 17.7 26.5

