

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060122\  
 Data File : BM035353.D  
 Acq On : 01 Jun 2022 18:54  
 Operator : CG/JU  
 Sample : N2953-12  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P044-SS002-0006-01

Quant Time: Jun 02 08:52:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 31 15:35:47 2022  
 Response via : Initial Calibration

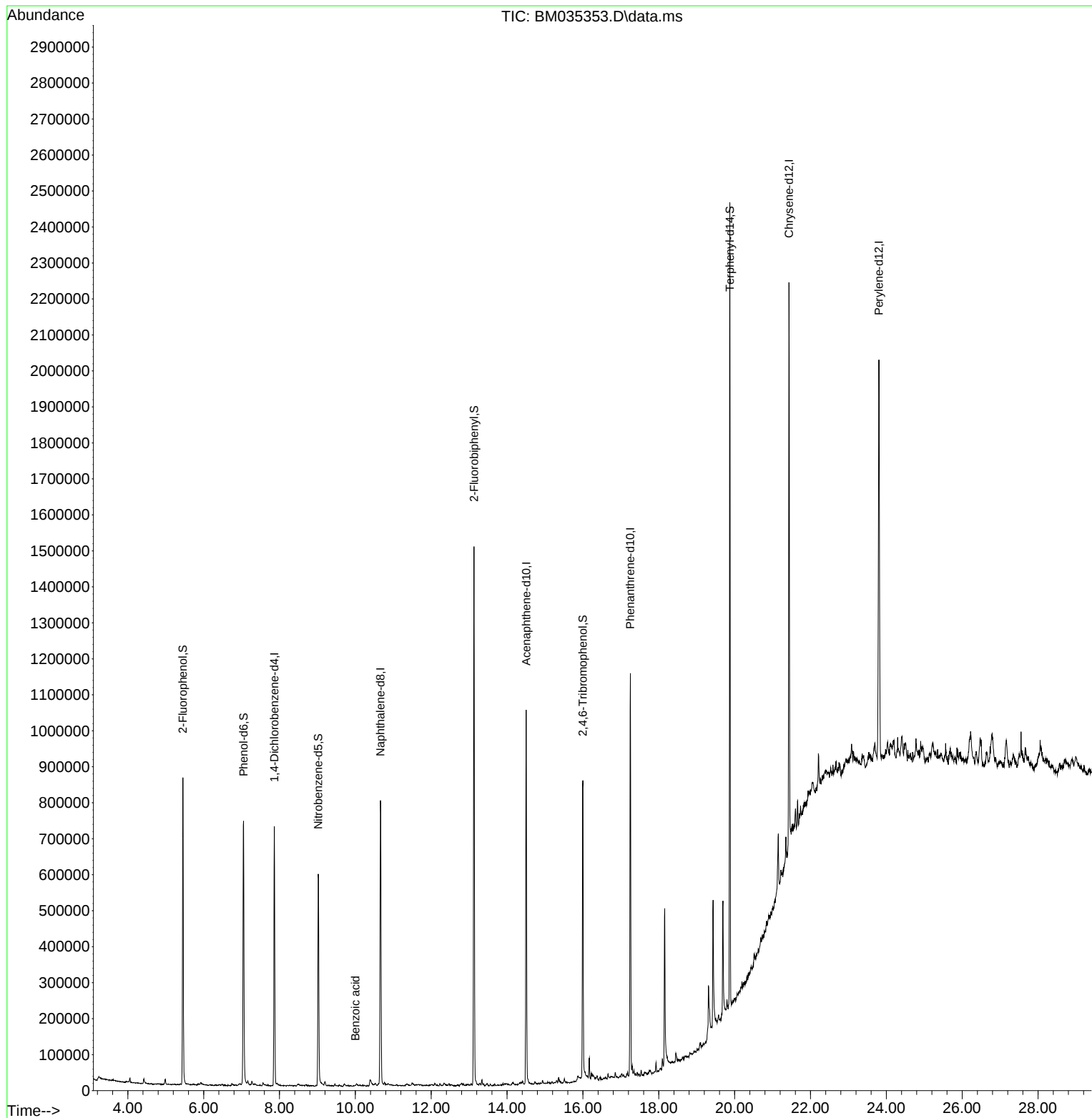
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 205424   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.663 | 136  | 707758   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.504 | 164  | 363638   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.251 | 188  | 695688   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.433 | 240  | 736741   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 23.803 | 264  | 825511   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.452  | 112  | 382974   | 34.422 | ng    | 0.00     |
| 7) Phenol-d6                | 7.051  | 99   | 476624   | 33.084 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.022  | 82   | 353806   | 27.518 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.998 | 330  | 176539   | 37.423 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.128 | 172  | 799163   | 30.476 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.874 | 244  | 1081853  | 26.021 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 32) Benzoic acid            | 10.004 | 122  | 264      | 2.937  | ng    | # 18     |
| -----                       |        |      |          |        |       |          |

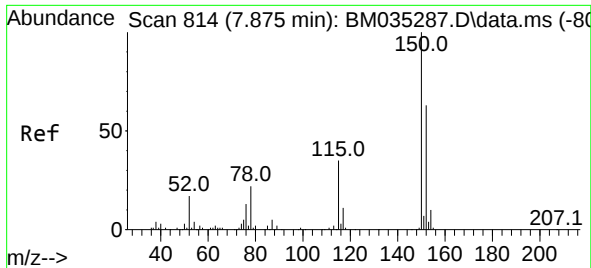
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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BNA\_M  
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P044-SS002-0006-01

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052722.M  
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QLast Update : Tue May 31 15:35:47 2022  
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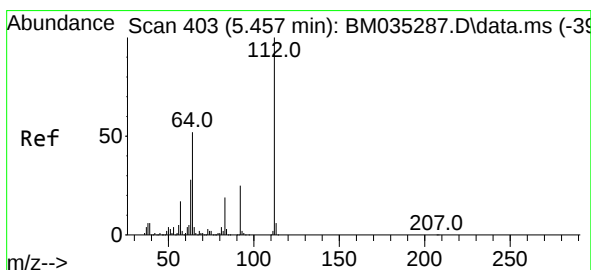
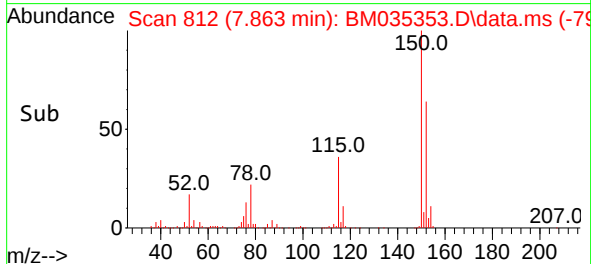
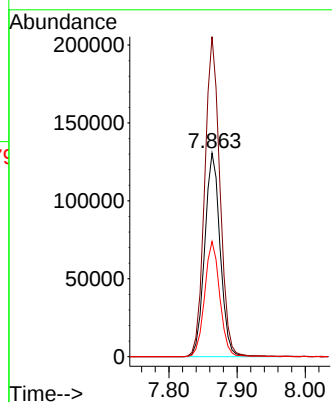
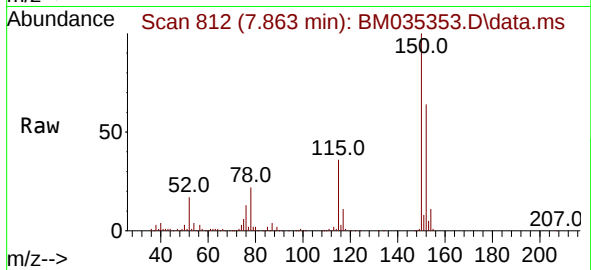




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.863 min Scan# 814  
Delta R.T. -0.012 min  
Lab File: BM035353.D  
Acq: 01 Jun 2022 18:54

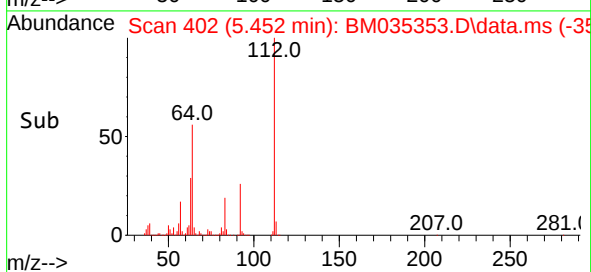
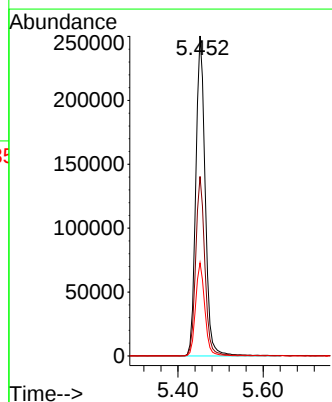
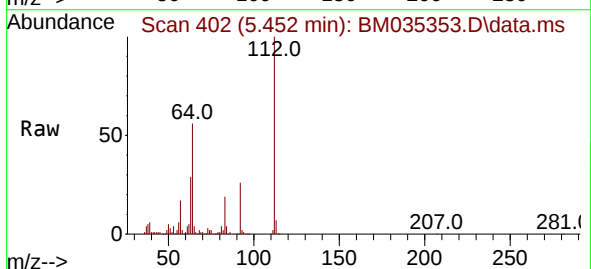
Instrument :  
BNA\_M  
ClientSampleId :  
P044-SS002-0006-01

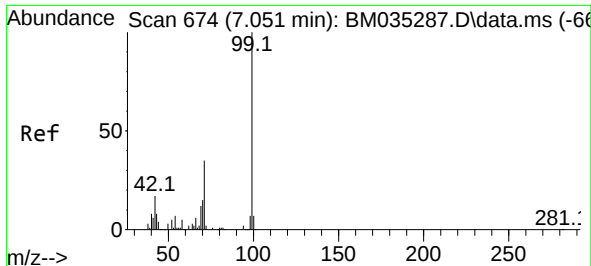
Tgt Ion:152 Resp: 205424  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.9 187.3  
115 56.6 47.9 71.9



#5  
2-Fluorophenol  
Concen: 34.422 ng  
RT: 5.452 min Scan# 402  
Delta R.T. -0.005 min  
Lab File: BM035353.D  
Acq: 01 Jun 2022 18:54

Tgt Ion:112 Resp: 382974  
Ion Ratio Lower Upper  
112 100  
64 56.1 47.8 71.6  
63 29.1 26.6 40.0

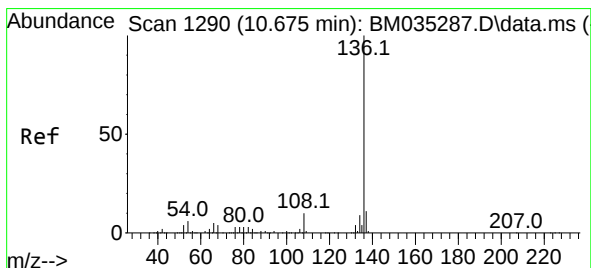
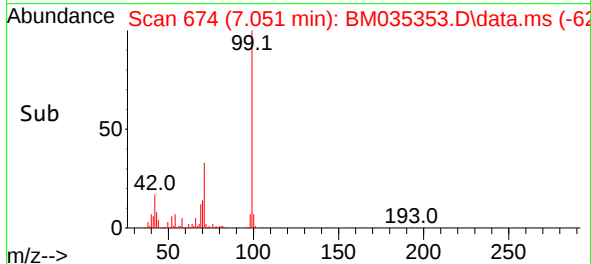
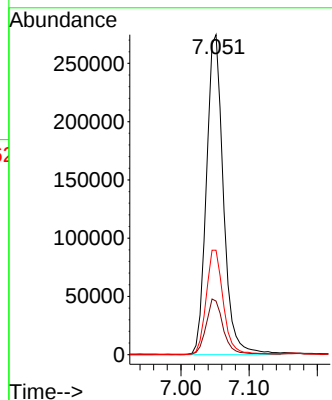
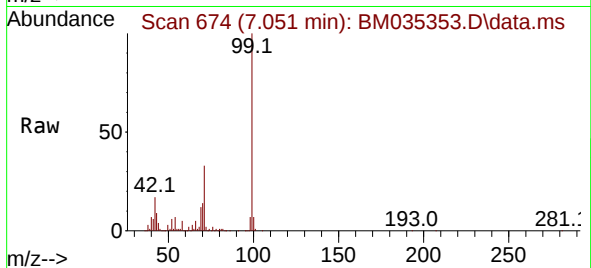




#7  
Phenol-d6  
Concen: 33.084 ng  
RT: 7.051 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM035353.D  
Acq: 01 Jun 2022 18:54

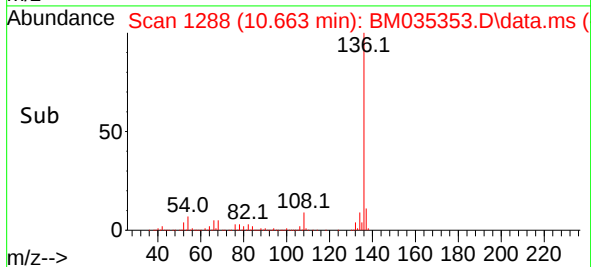
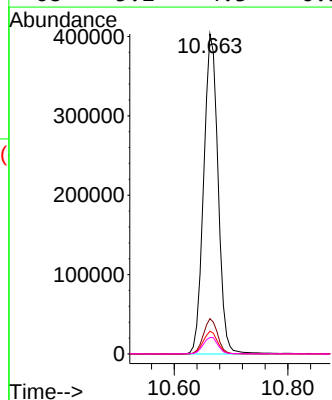
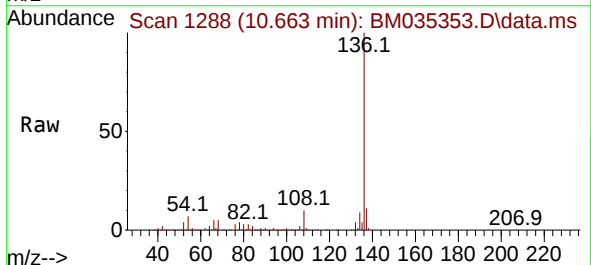
Instrument :  
BNA\_M  
ClientSampleId :  
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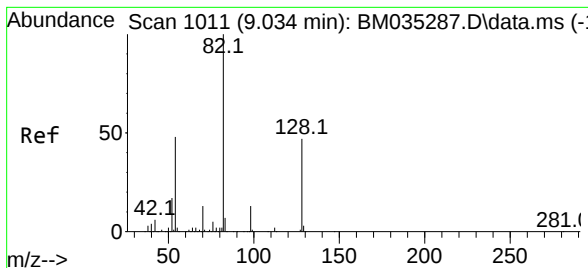
Tgt Ion: 99 Resp: 476624  
Ion Ratio Lower Upper  
99 100  
42 16.7 18.8 28.2#  
71 32.6 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1288  
Delta R.T. -0.012 min  
Lab File: BM035353.D  
Acq: 01 Jun 2022 18:54

Tgt Ion: 136 Resp: 707758  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.1 7.0 10.4  
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 27.518 ng

RT: 9.022 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM035353.D

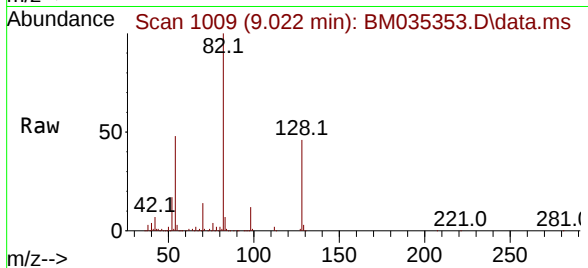
Acq: 01 Jun 2022 18:54

Instrument :

BNA\_M

ClientSampleId :

P044-SS002-0006-01



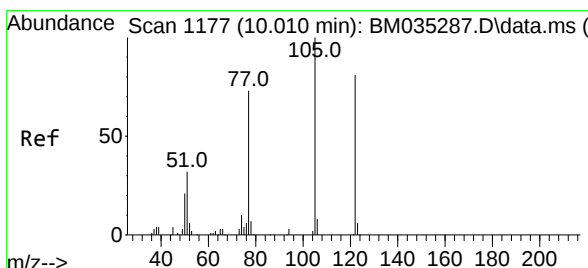
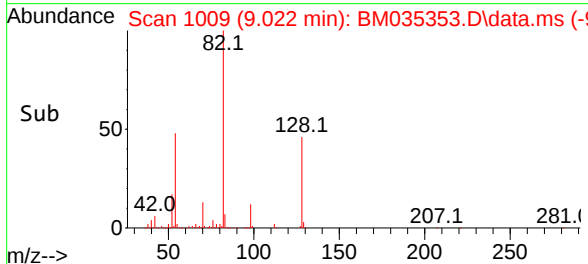
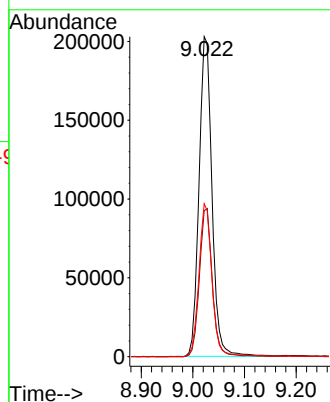
Tgt Ion: 82 Resp: 353806

Ion Ratio Lower Upper

82 100

128 45.6 33.7 50.5

54 47.8 43.2 64.8



#32

Benzoic acid

Concen: 2.937 ng

RT: 10.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BM035353.D

Acq: 01 Jun 2022 18:54

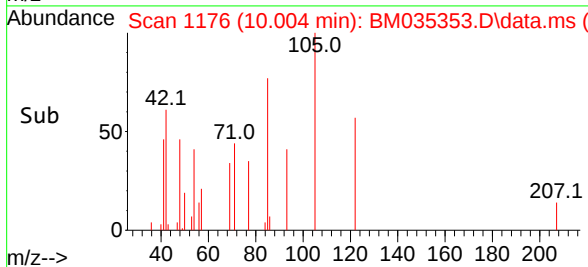
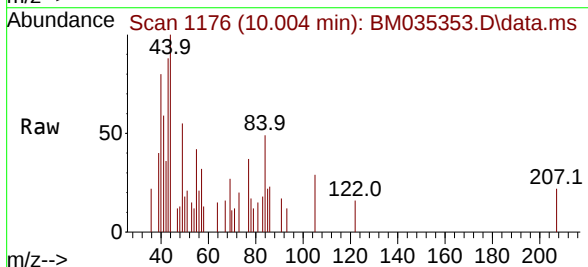
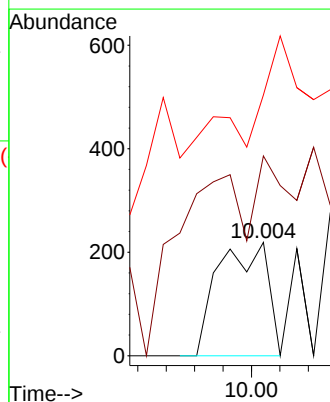
Tgt Ion:122 Resp: 264

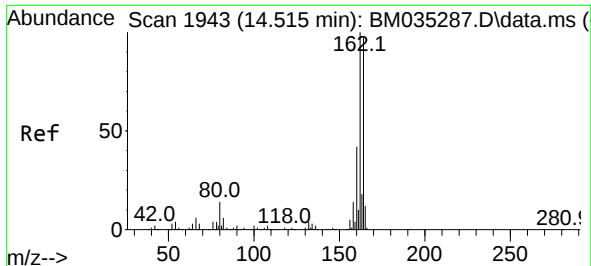
Ion Ratio Lower Upper

122 100

105 176.3 105.7 145.7#

77 230.1 80.0 120.0#

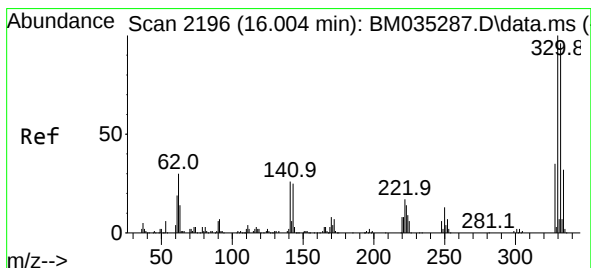
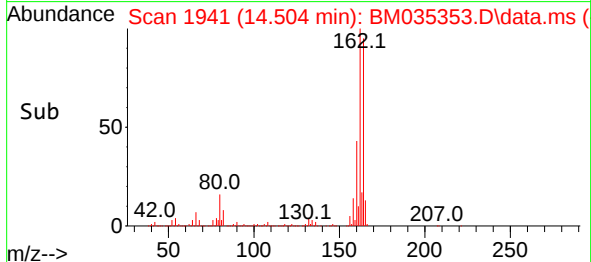
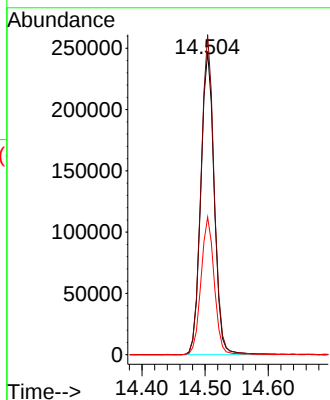
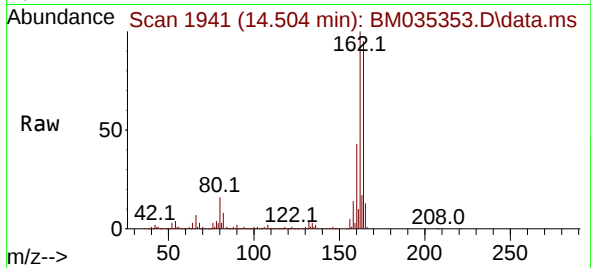




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.504 min Scan# 1941  
Delta R.T. -0.011 min  
Lab File: BM035353.D  
Acq: 01 Jun 2022 18:54

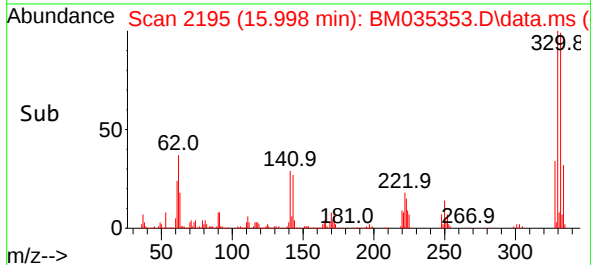
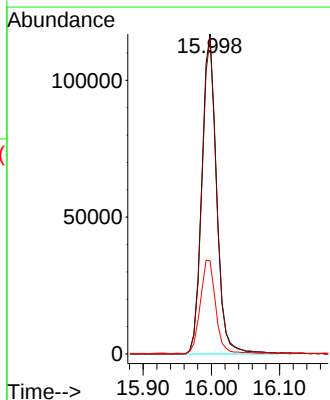
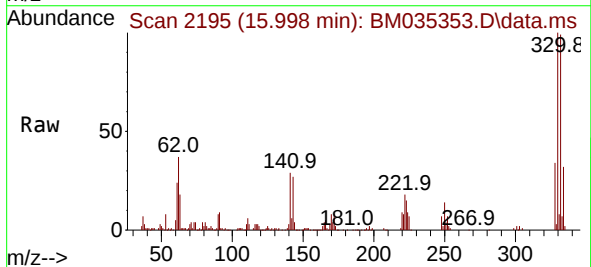
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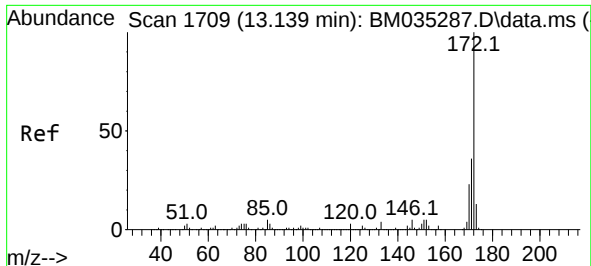
Tgt Ion:164 Resp: 363638  
Ion Ratio Lower Upper  
164 100  
162 105.6 83.0 124.6  
160 45.4 37.0 55.4



#42  
2,4,6-Tribromophenol  
Concen: 37.423 ng  
RT: 15.998 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BM035353.D  
Acq: 01 Jun 2022 18:54

Tgt Ion:330 Resp: 176539  
Ion Ratio Lower Upper  
330 100  
332 98.0 77.0 115.4  
141 30.8 35.3 52.9#

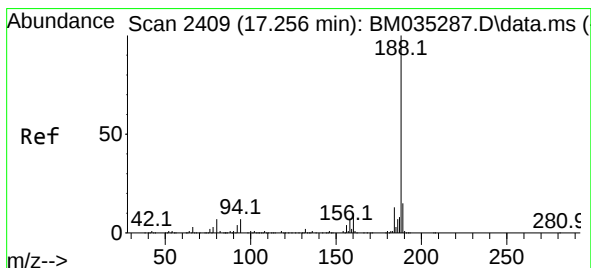
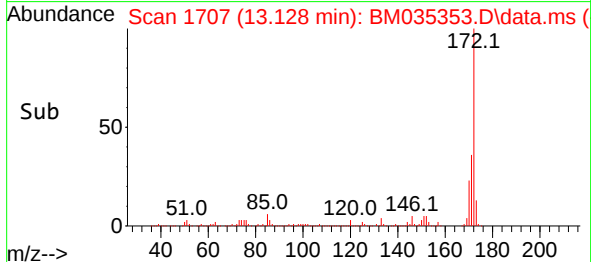
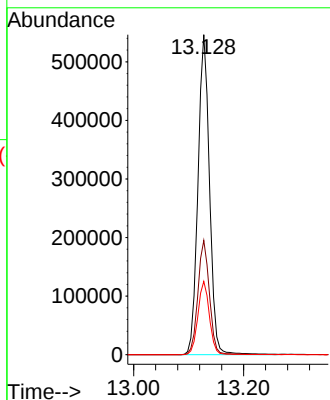
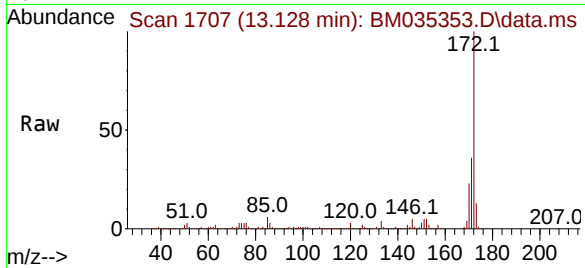




#45  
2-Fluorobiphenyl  
Concen: 30.476 ng  
RT: 13.128 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BM035353.D  
Acq: 01 Jun 2022 18:54

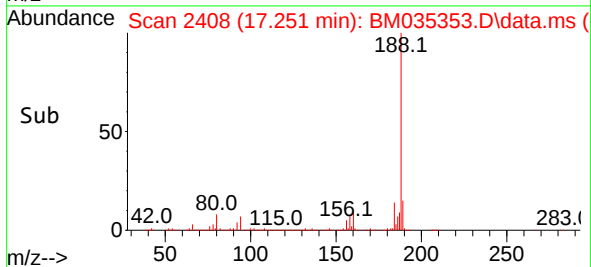
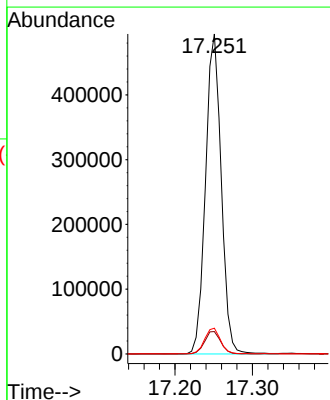
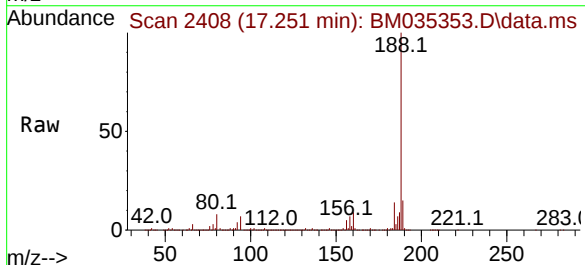
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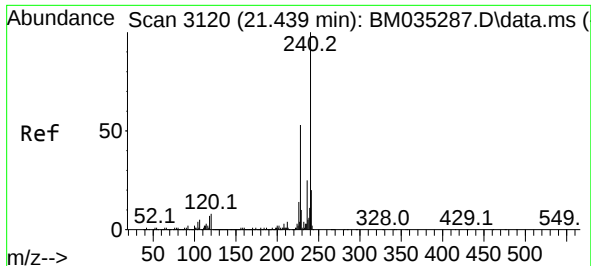
Tgt Ion:172 Resp: 799163  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.5 42.7  
170 22.9 18.7 28.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.251 min Scan# 2408  
Delta R.T. -0.006 min  
Lab File: BM035353.D  
Acq: 01 Jun 2022 18:54

Tgt Ion:188 Resp: 695688  
Ion Ratio Lower Upper  
188 100  
94 7.0 7.0 10.4  
80 8.0 7.6 11.4

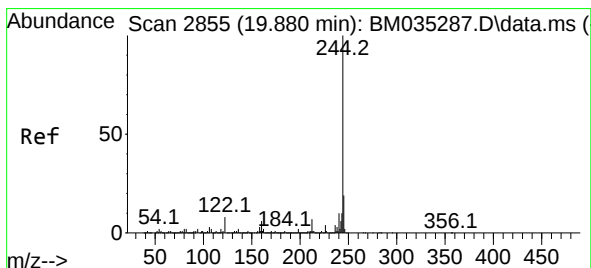
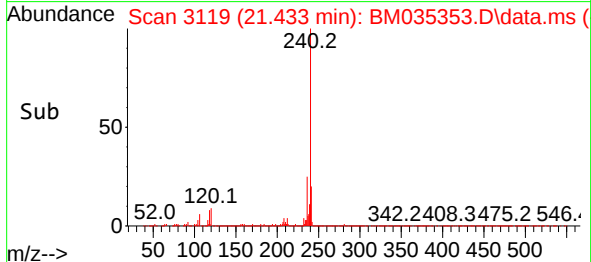
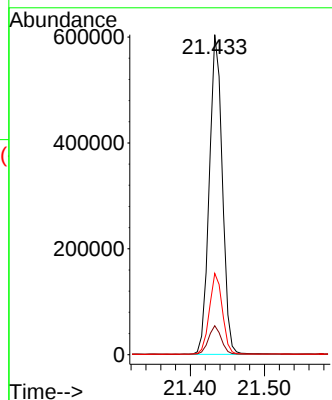
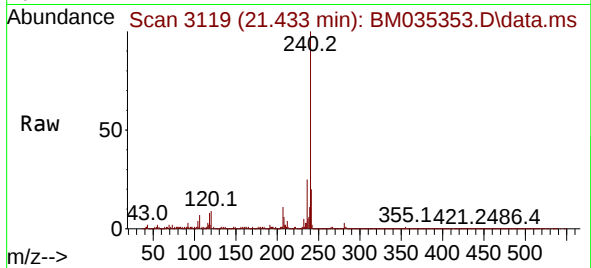




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.433 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM035353.D  
Acq: 01 Jun 2022 18:54

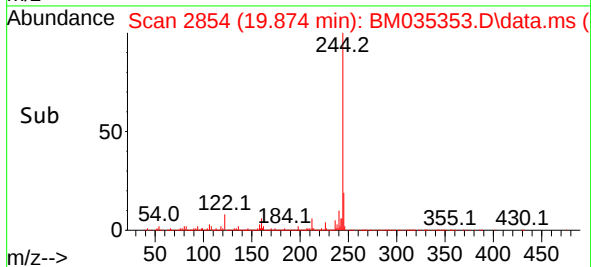
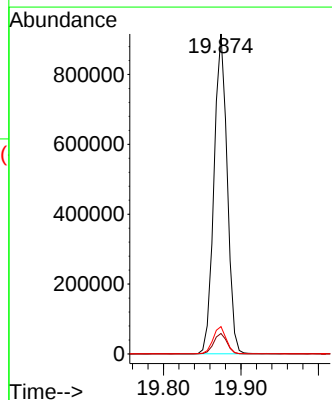
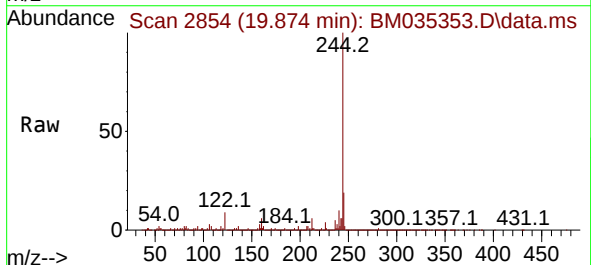
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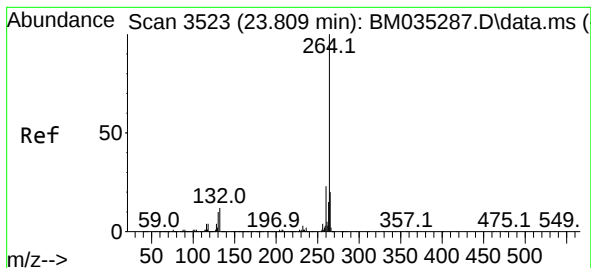
Tgt Ion:240 Resp: 736741  
Ion Ratio Lower Upper  
240 100  
120 9.0 9.4 14.0#  
236 25.4 20.6 30.8



#79  
Terphenyl-d14  
Concen: 26.021 ng  
RT: 19.874 min Scan# 2854  
Delta R.T. -0.006 min  
Lab File: BM035353.D  
Acq: 01 Jun 2022 18:54

Tgt Ion:244 Resp: 1081853  
Ion Ratio Lower Upper  
244 100  
212 6.4 6.2 9.4  
122 8.5 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.803 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM035353.D

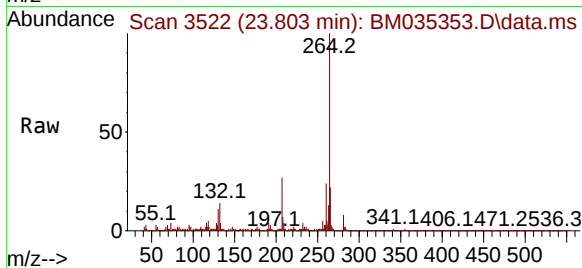
Acq: 01 Jun 2022 18:54

Instrument :

BNA\_M

ClientSampleId :

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Tgt Ion:264 Resp: 825511

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.1 17.5 26.3

