

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081022\  
 Data File : BM036196.D  
 Acq On : 10 Aug 2022 17:31  
 Operator : CG/JU  
 Sample : N3972-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SPN-9

Quant Time: Aug 10 22:26:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 10 22:19:26 2022  
 Response via : Initial Calibration

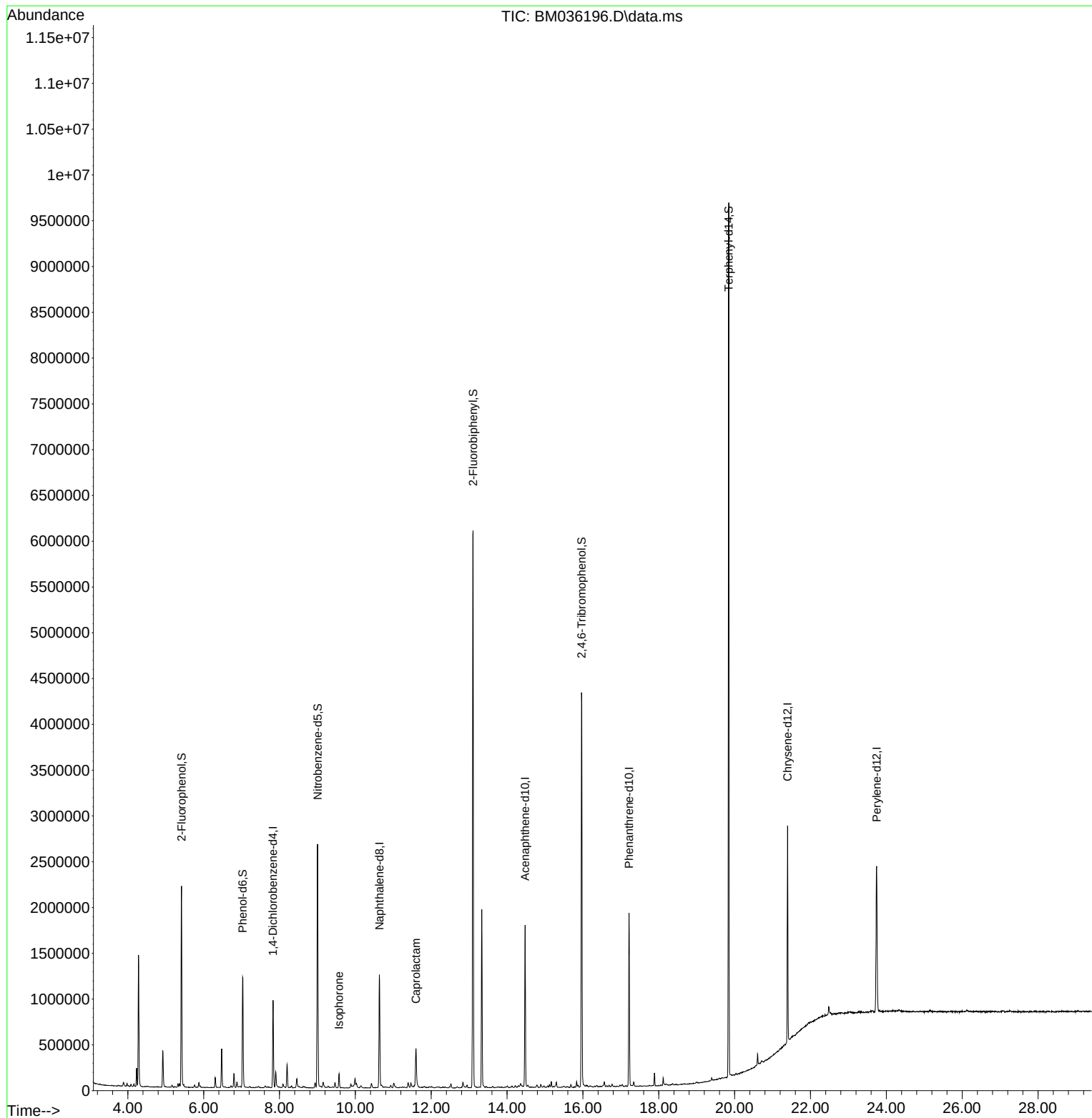
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.828  | 152  | 258707   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.633 | 136  | 1039143  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.474 | 164  | 574408   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.215 | 188  | 1105582  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.397 | 240  | 1063546  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.744 | 264  | 1160615  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 943847   | 59.149  | ng    | 0.00     |
| 7) Phenol-d6                | 7.028  | 99   | 715225   | 35.225  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.004  | 82   | 1490874  | 80.311  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.968 | 330  | 802664   | 119.115 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.104 | 172  | 3099262  | 79.664  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.845 | 244  | 4418539  | 81.946  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 25) Isophorone              | 9.569  | 82   | 102564   | 3.396   | ng    | 98       |
| 35) Caprolactam             | 11.598 | 113  | 88636    | 20.068  | ng    | 95       |
| -----                       |        |      |          |         |       |          |

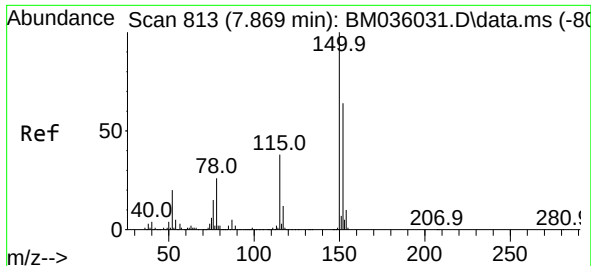
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081022\  
Data File : BM036196.D  
Acq On : 10 Aug 2022 17:31  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Quant Time: Aug 10 22:26:35 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 10 22:19:26 2022  
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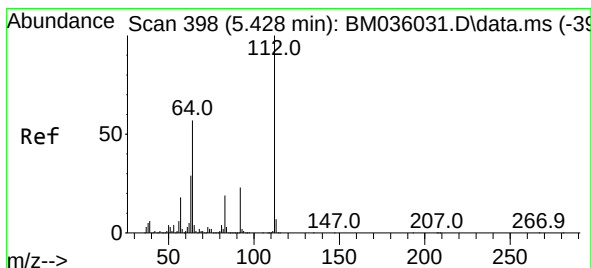
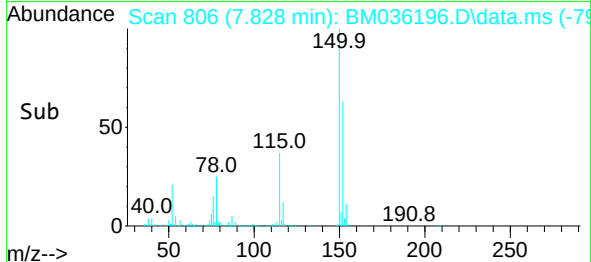
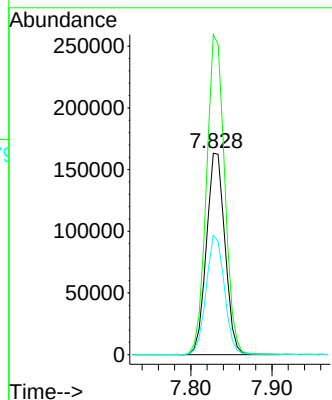
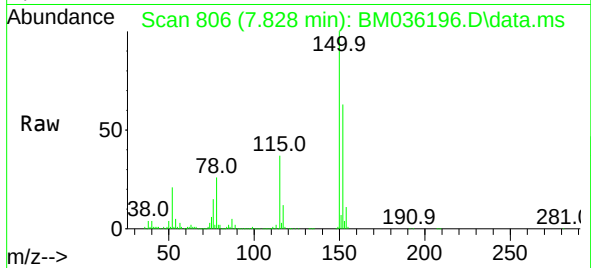




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.828 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BM036196.D  
Acq: 10 Aug 2022 17:31

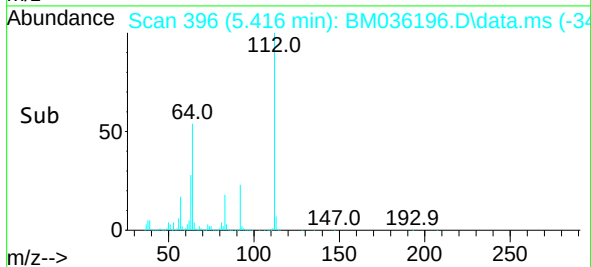
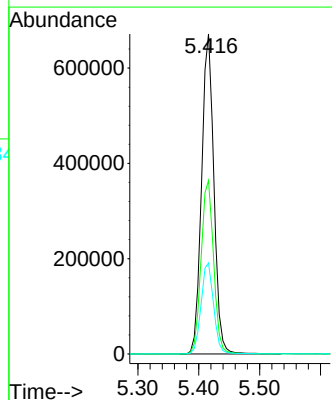
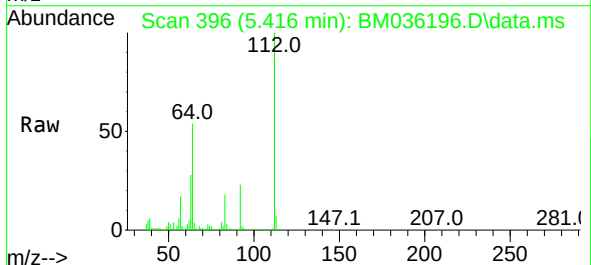
Instrument :  
BNA\_M  
ClientSampleId :  
SPN-9

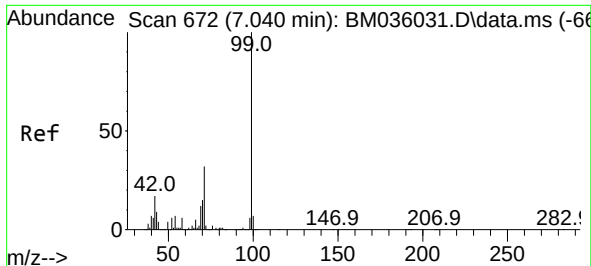
Tgt Ion:152 Resp: 258707  
Ion Ratio Lower Upper  
152 100  
150 158.8 124.9 187.3  
115 59.4 47.9 71.9



#5  
2-Fluorophenol  
Concen: 59.149 ng  
RT: 5.416 min Scan# 396  
Delta R.T. -0.000 min  
Lab File: BM036196.D  
Acq: 10 Aug 2022 17:31

Tgt Ion:112 Resp: 943847  
Ion Ratio Lower Upper  
112 100  
64 54.2 47.8 71.6  
63 28.5 26.6 40.0

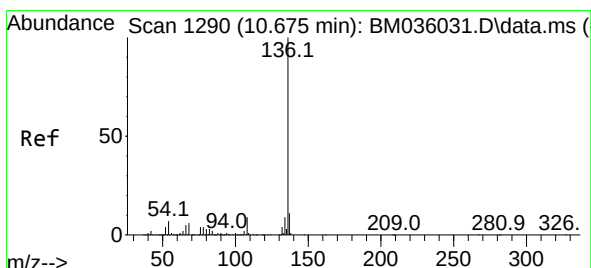
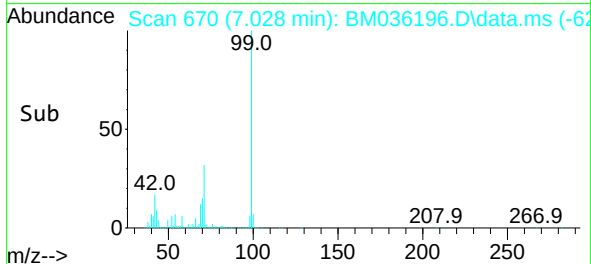
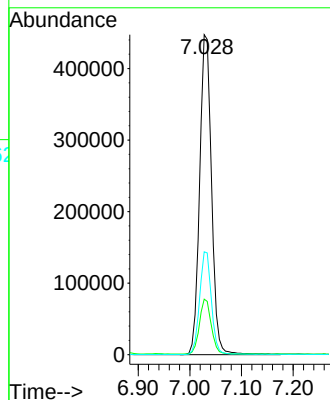
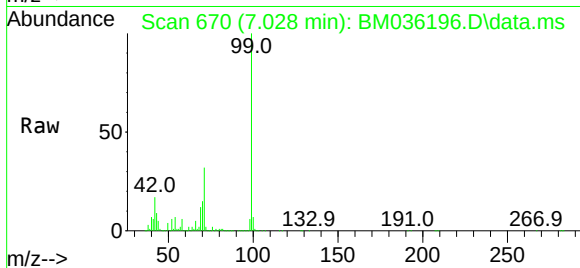




#7  
Phenol-d6  
Concen: 35.225 ng  
RT: 7.028 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM036196.D  
Acq: 10 Aug 2022 17:31

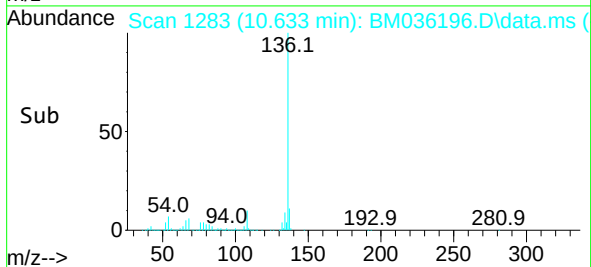
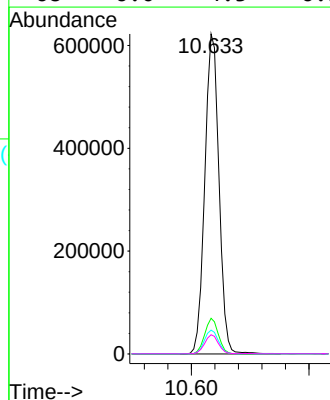
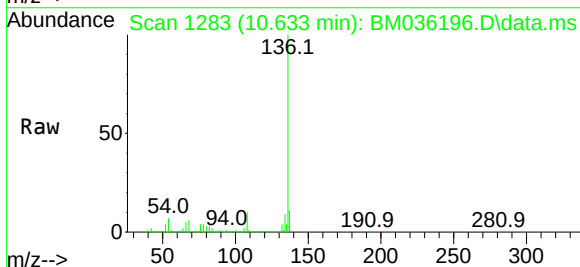
Instrument :  
BNA\_M  
ClientSampleId :  
SPN-9

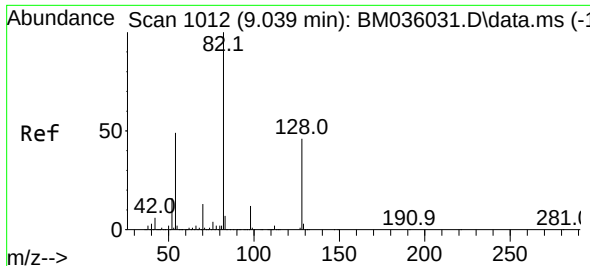
Tgt Ion: 99 Resp: 715225  
Ion Ratio Lower Upper  
99 100  
42 17.4 18.8 28.2#  
71 32.1 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.633 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: BM036196.D  
Acq: 10 Aug 2022 17:31

Tgt Ion: 136 Resp: 1039143  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 7.4 7.0 10.4  
68 6.0 4.3 6.5

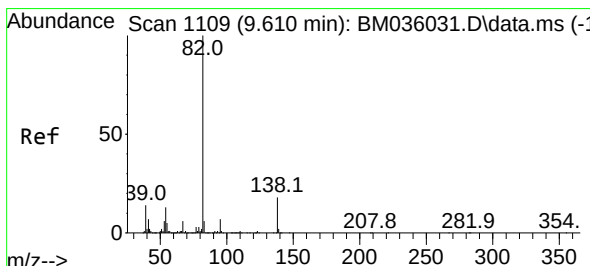
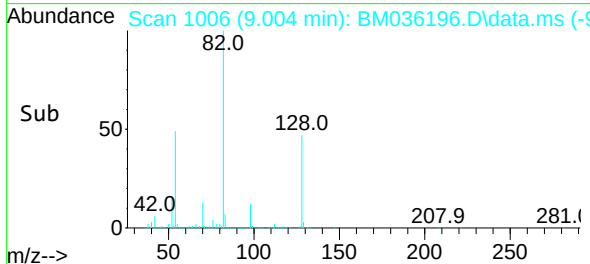
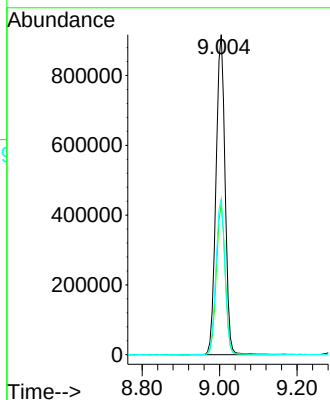
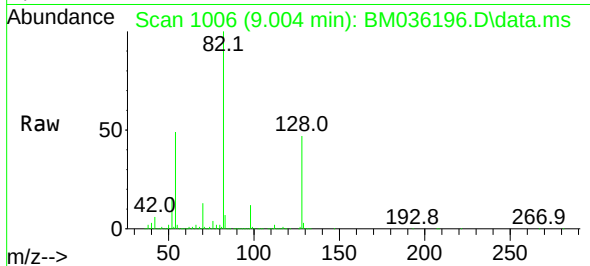




#23  
Nitrobenzene-d5  
Concen: 80.311 ng  
RT: 9.004 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: BM036196.D  
Acq: 10 Aug 2022 17:31

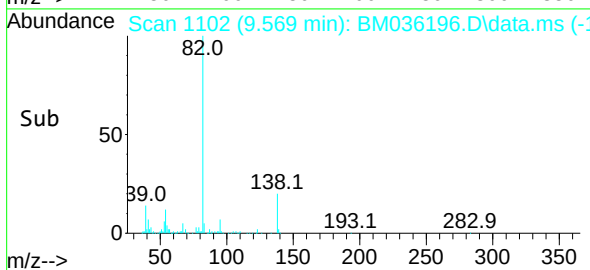
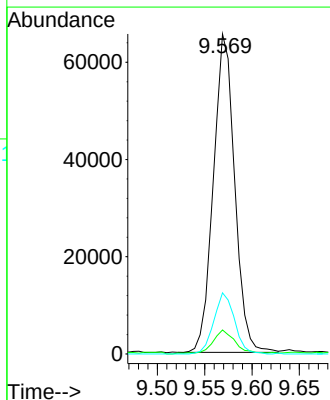
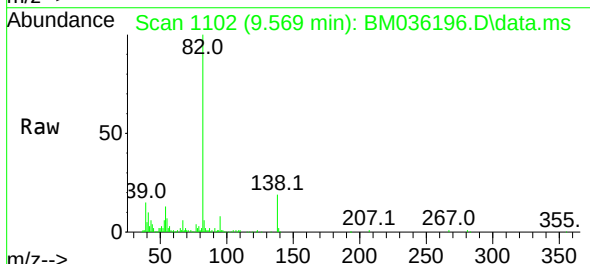
Instrument :  
BNA\_M  
ClientSampleId :  
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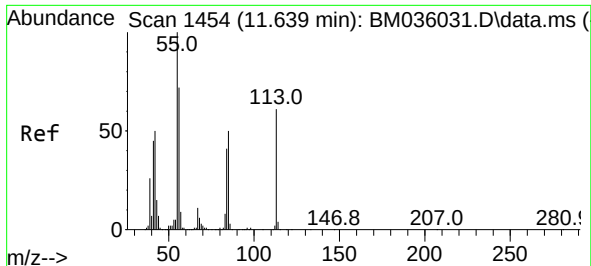
Tgt Ion: 82 Resp: 1490874  
Ion Ratio Lower Upper  
82 100  
128 46.9 33.7 50.5  
54 48.7 43.2 64.8



#25  
Isophorone  
Concen: 3.396 ng  
RT: 9.569 min Scan# 1102  
Delta R.T. -0.006 min  
Lab File: BM036196.D  
Acq: 10 Aug 2022 17:31

Tgt Ion: 82 Resp: 102564  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.4 9.6  
138 19.1 14.2 21.4

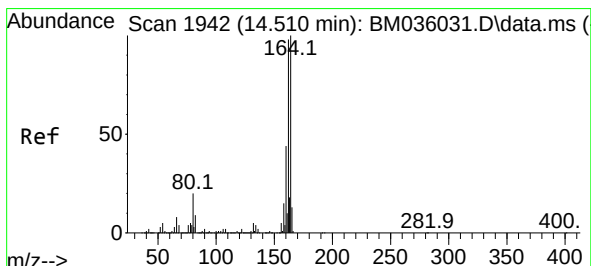
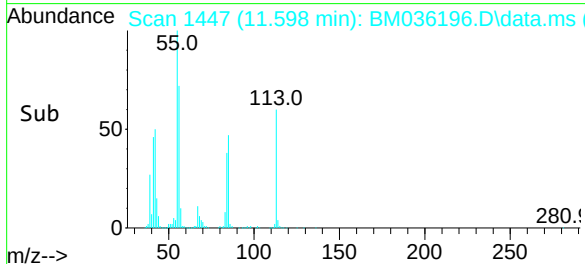
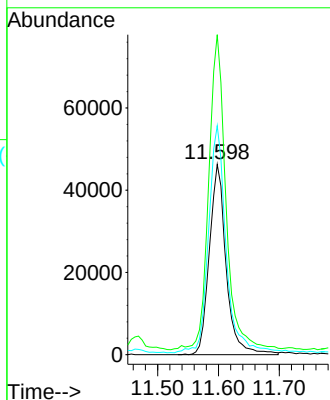
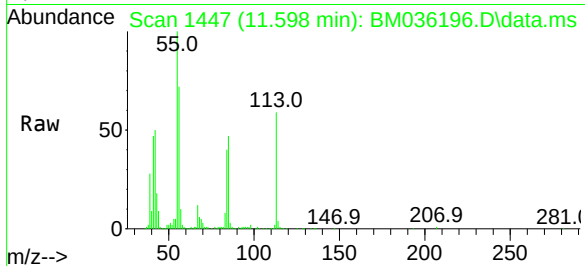




#35  
Caprolactam  
Concen: 20.068 ng  
RT: 11.598 min Scan# 1454  
Delta R.T. -0.012 min  
Lab File: BM036196.D  
Acq: 10 Aug 2022 17:31

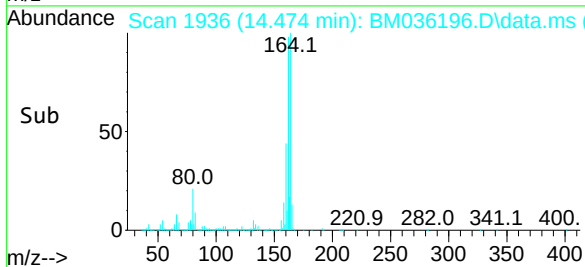
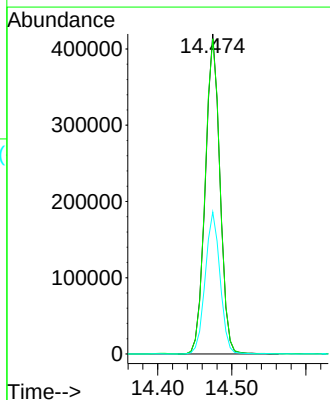
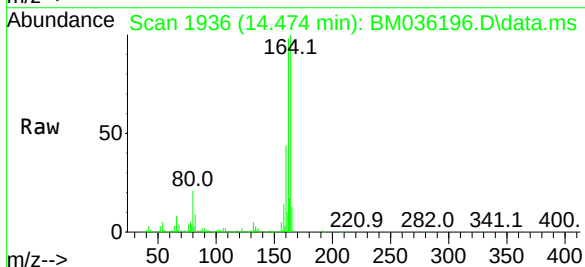
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ClientSampleId :  
SPN-9

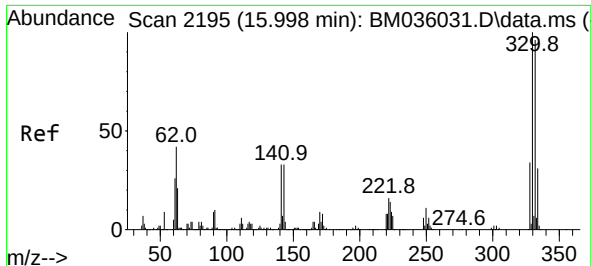
Tgt Ion:113 Resp: 88636  
Ion Ratio Lower Upper  
113 100  
55 168.1 150.1 190.1  
56 120.3 111.7 151.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.474 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: BM036196.D  
Acq: 10 Aug 2022 17:31

Tgt Ion:164 Resp: 574408  
Ion Ratio Lower Upper  
164 100  
162 98.5 83.0 124.6  
160 44.4 37.0 55.4

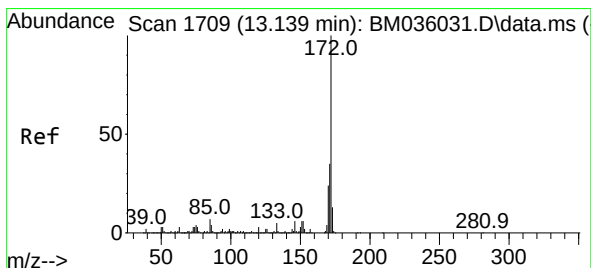
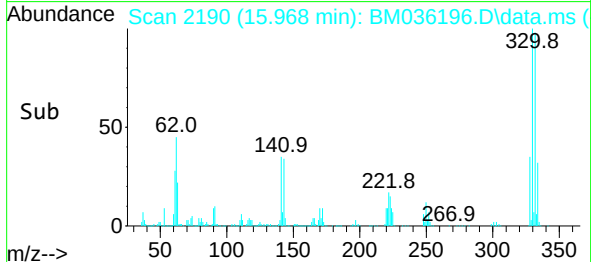
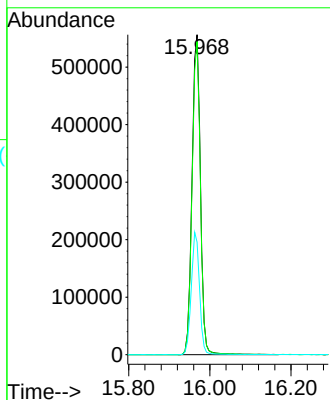
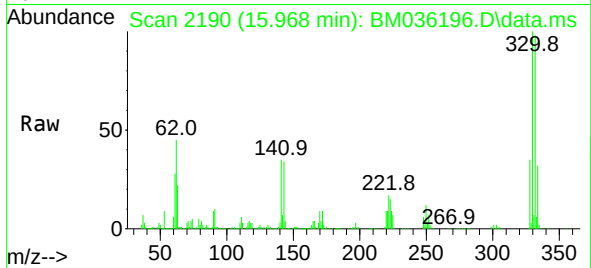




#42  
2,4,6-Tribromophenol  
Concen: 119.115 ng  
RT: 15.968 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: BM036196.D  
Acq: 10 Aug 2022 17:31

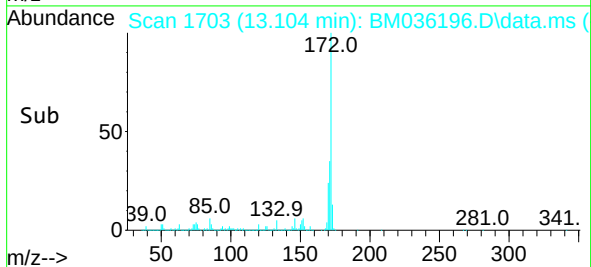
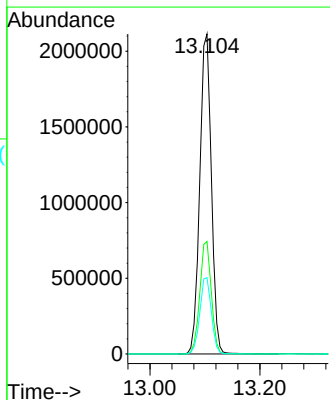
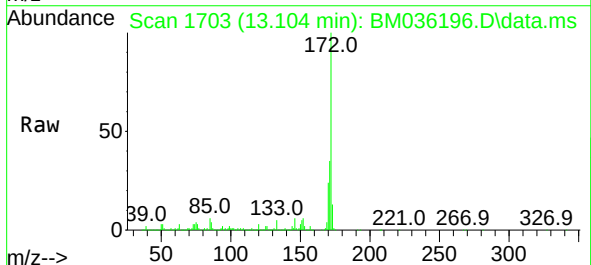
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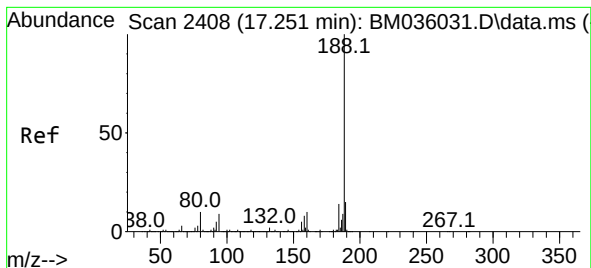
Tgt Ion:330 Resp: 802664  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.0 115.4  
141 37.6 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 79.664 ng  
RT: 13.104 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: BM036196.D  
Acq: 10 Aug 2022 17:31

Tgt Ion:172 Resp: 3099262  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.5 42.7  
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 2402

Delta R.T. -0.000 min

Lab File: BM036196.D

Acq: 10 Aug 2022 17:31

Instrument :

BNA\_M

ClientSampleId :

SPN-9

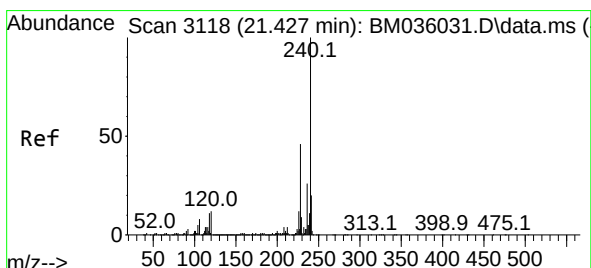
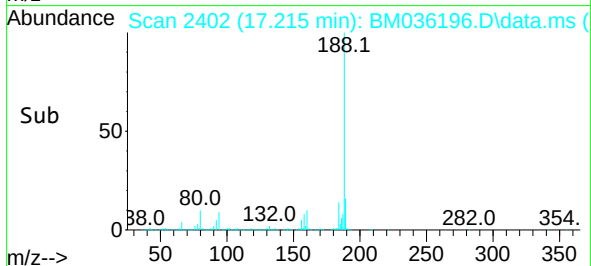
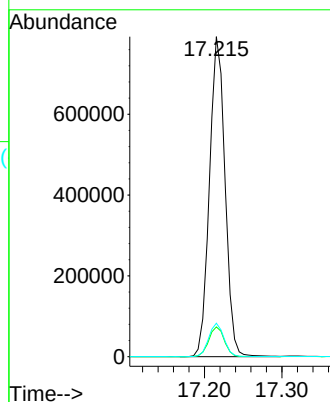
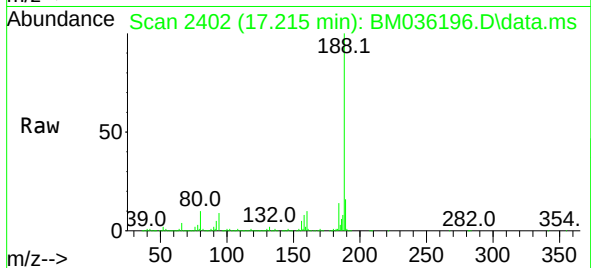
Tgt Ion:188 Resp: 1105582

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 10.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM036196.D

Acq: 10 Aug 2022 17:31

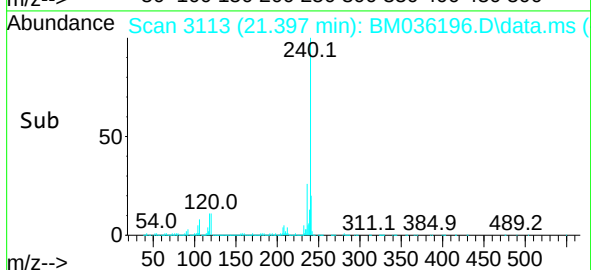
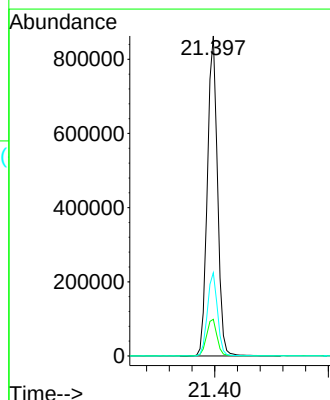
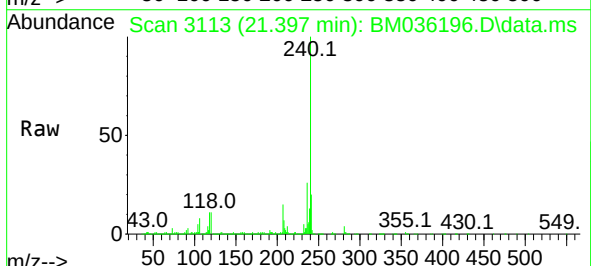
Tgt Ion:240 Resp: 1063546

Ion Ratio Lower Upper

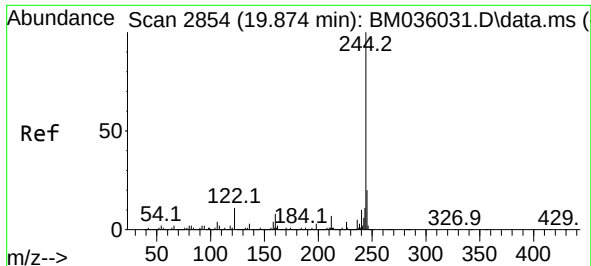
240 100

120 11.5 9.4 14.0

236 26.0 20.6 30.8



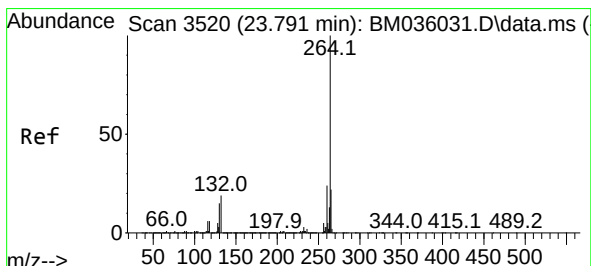
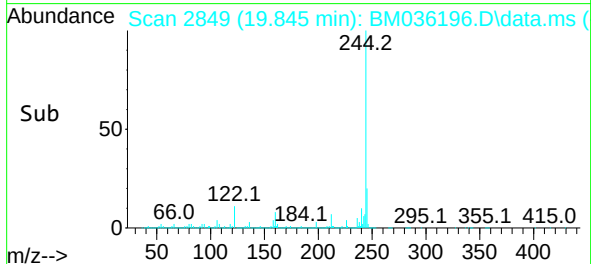
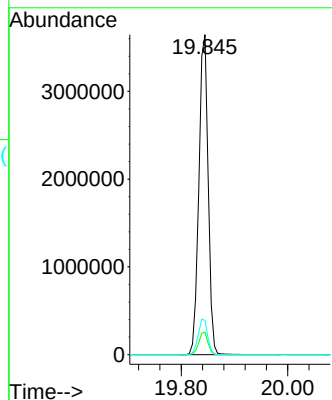
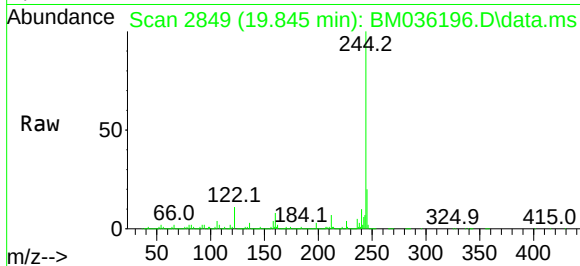




#79  
 Terphenyl-d14  
 Concen: 81.946 ng  
 RT: 19.845 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM036196.D  
 Acq: 10 Aug 2022 17:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SPN-9

Tgt Ion:244 Resp: 4418539  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.2 9.4  
 122 10.7 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.744 min Scan# 3512  
 Delta R.T. -0.000 min  
 Lab File: BM036196.D  
 Acq: 10 Aug 2022 17:31

Tgt Ion:264 Resp: 1160615  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.9 28.3  
 265 22.0 17.5 26.3

