

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080322\  
 Data File : BG054497.D  
 Acq On : 3 Aug 2022 13:14  
 Operator : CG/JU  
 Sample : N3935-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RVE-133

Quant Time: Aug 04 00:43:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 28 04:30:50 2022  
 Response via : Initial Calibration

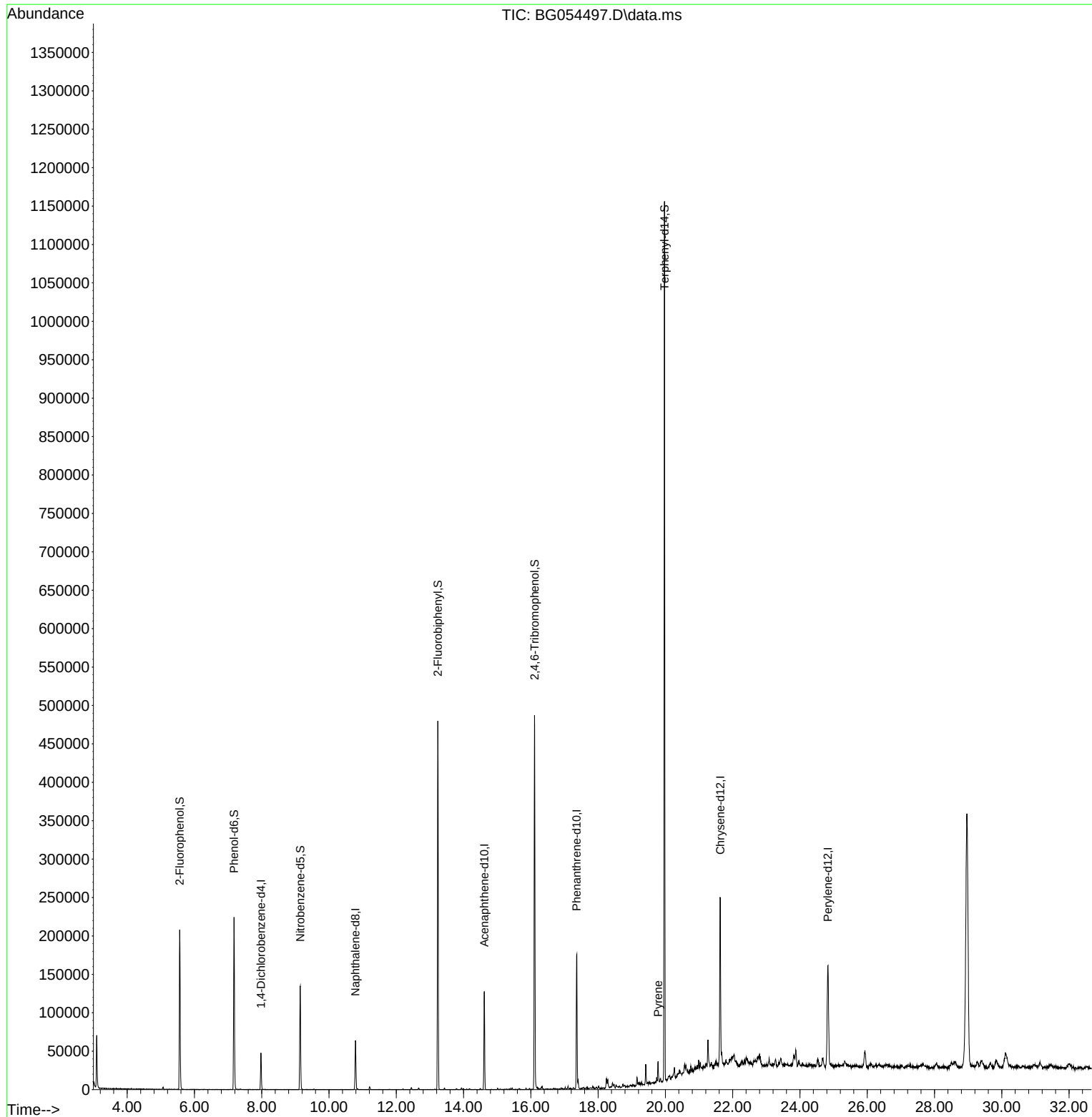
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.977  | 152  | 14891    | 20.000  | ng    | -0.01     |
| 21) Naphthalene-d8          | 10.785 | 136  | 58429    | 20.000  | ng    | #-0.01    |
| 39) Acenaphthene-d10        | 14.616 | 164  | 50184    | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.360 | 188  | 133490   | 20.000  | ng    | #-0.01    |
| 76) Chrysene-d12            | 21.631 | 240  | 151317   | 20.000  | ng    | # 0.00    |
| 86) Perylene-d12            | 24.828 | 264  | 160843   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.562  | 112  | 93080    | 130.509 | ng    | 0.00      |
| 7) Phenol-d6                | 7.178  | 99   | 128249   | 131.231 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.146  | 82   | 83543    | 77.864  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.114 | 330  | 134271   | 127.431 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.235 | 172  | 273587   | 76.906  | ng    | -0.01     |
| 79) Terphenyl-d14           | 19.975 | 244  | 649620   | 85.167  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 78) Pyrene                  | 19.781 | 202  | 19380    | 2.232   | ng    | Qvalue 99 |
| -----                       |        |      |          |         |       |           |

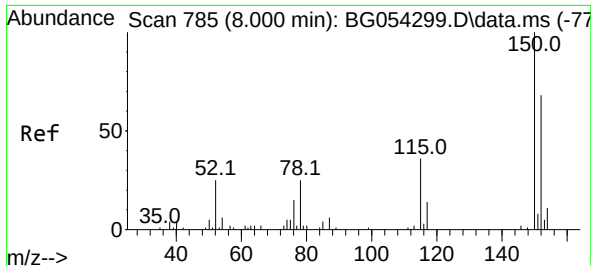
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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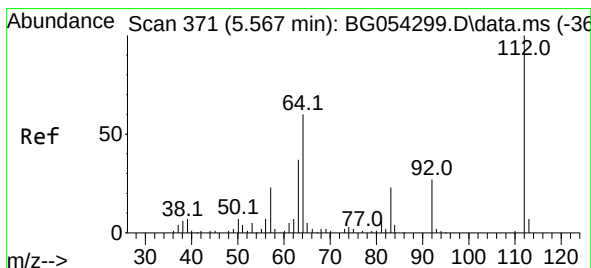
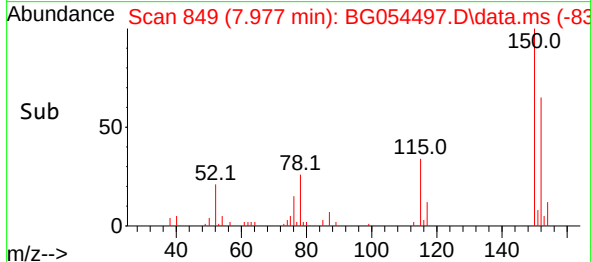
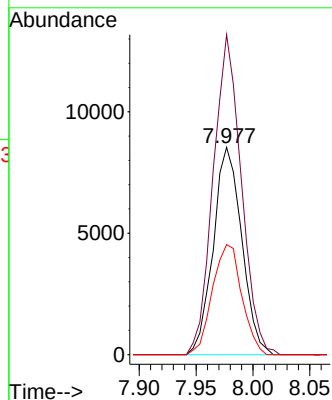
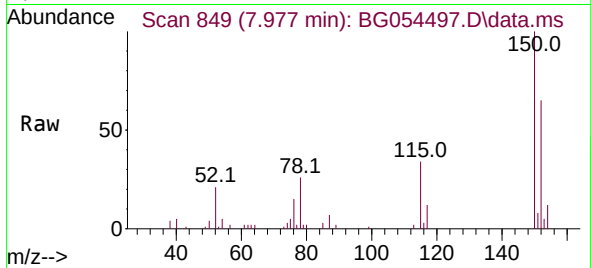




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.977 min Scan# 84  
Delta R.T. -0.011 min  
Lab File: BG054497.D  
Acq: 3 Aug 2022 13:14

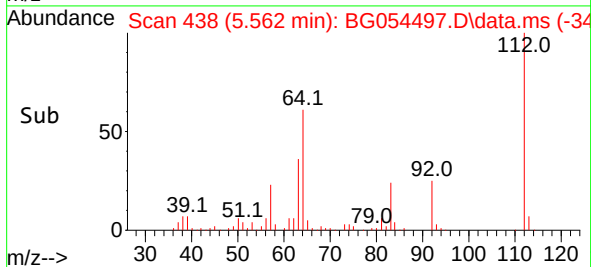
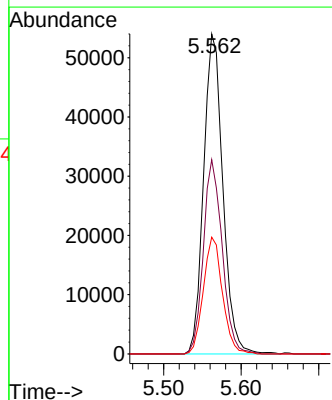
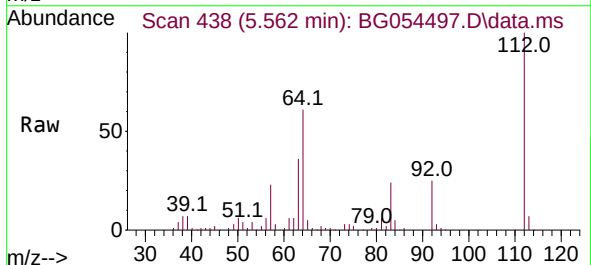
Instrument :  
BNA\_G  
ClientSampleId :  
RVE-133

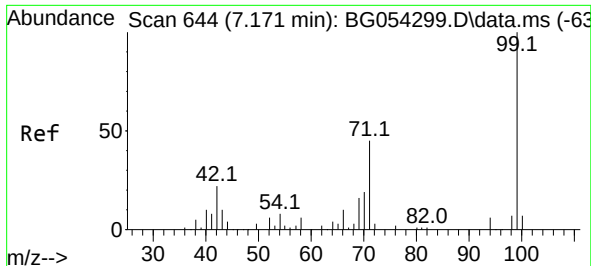
Tgt Ion:152 Resp: 14891  
Ion Ratio Lower Upper  
152 100  
150 154.4 131.6 197.4  
115 53.1 50.9 76.3



#5  
2-Fluorophenol  
Concen: 130.509 ng  
RT: 5.562 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: BG054497.D  
Acq: 3 Aug 2022 13:14

Tgt Ion:112 Resp: 93080  
Ion Ratio Lower Upper  
112 100  
64 60.7 55.1 82.7  
63 36.5 30.4 45.6

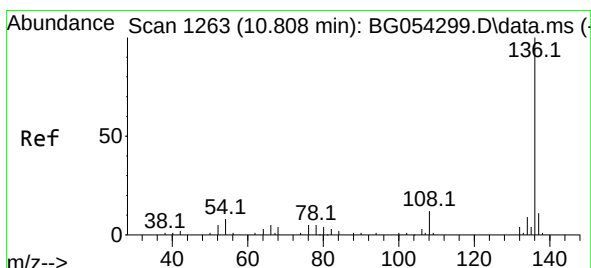
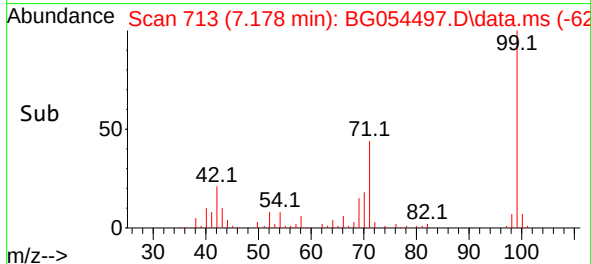
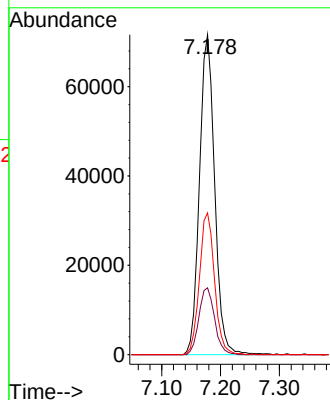
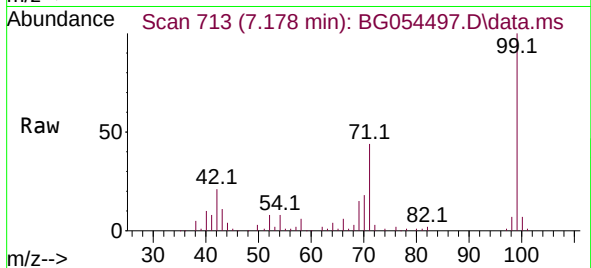




#7  
Phenol-d6  
Concen: 131.231 ng  
RT: 7.178 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BG054497.D  
Acq: 3 Aug 2022 13:14

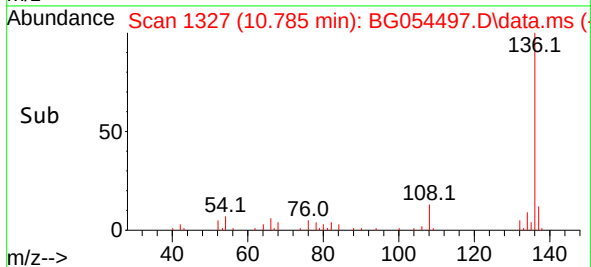
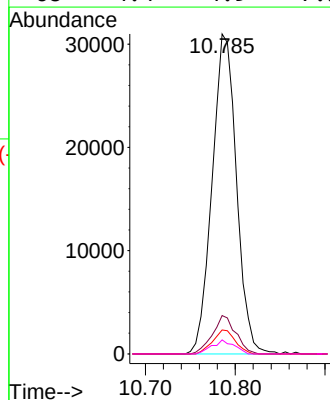
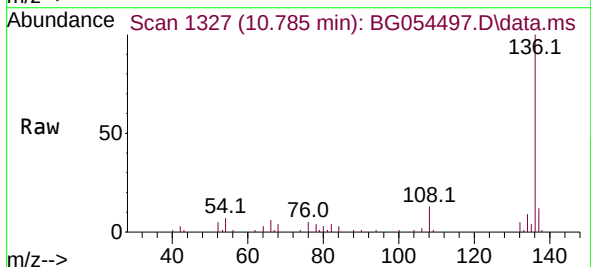
Instrument :  
BNA\_G  
ClientSampleId :  
RVE-133

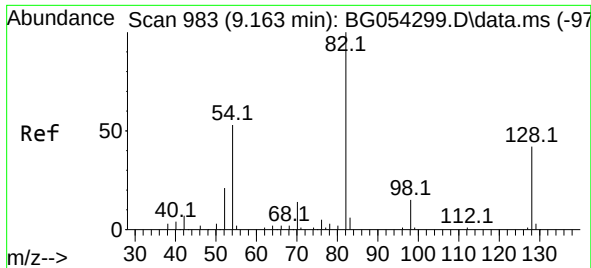
Tgt Ion: 99 Resp: 128249  
Ion Ratio Lower Upper  
99 100  
42 20.9 17.0 25.6  
71 44.3 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.785 min Scan# 1327  
Delta R.T. -0.012 min  
Lab File: BG054497.D  
Acq: 3 Aug 2022 13:14

Tgt Ion: 136 Resp: 58429  
Ion Ratio Lower Upper  
136 100  
137 12.0 8.5 12.7  
54 7.5 7.4 11.2  
68 4.4 4.9 7.3#

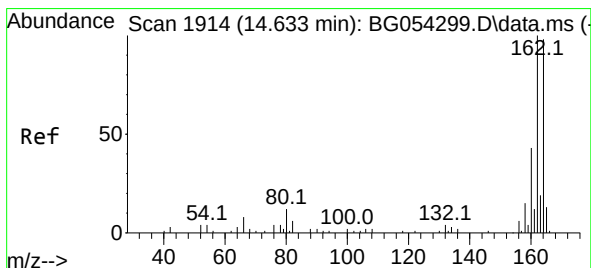
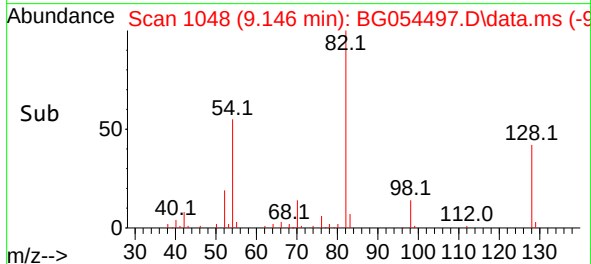
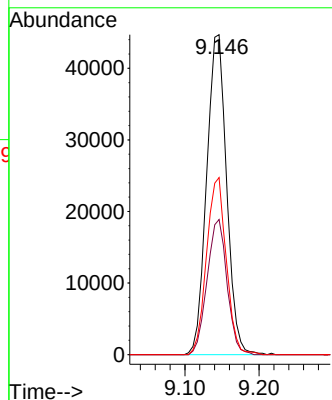
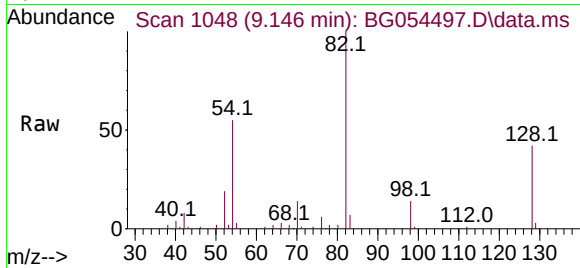




#23  
Nitrobenzene-d5  
Concen: 77.864 ng  
RT: 9.146 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BG054497.D  
Acq: 3 Aug 2022 13:14

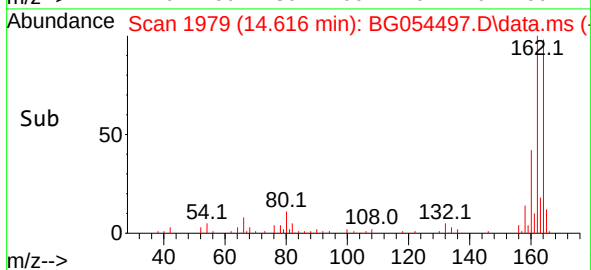
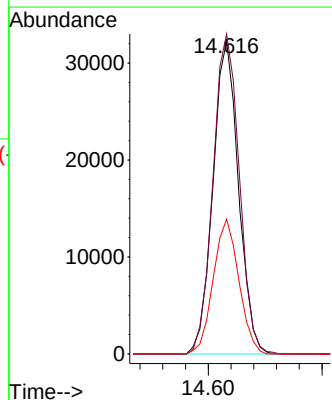
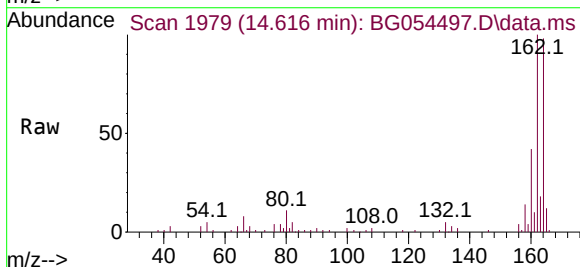
Instrument :  
BNA\_G  
ClientSampleId :  
RVE-133

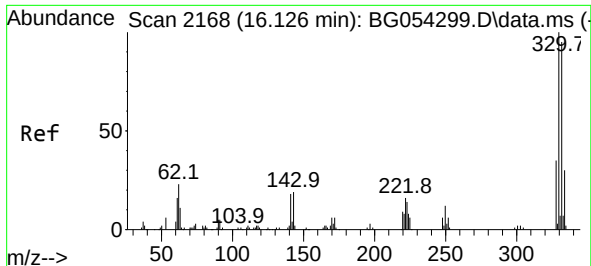
Tgt Ion: 82 Resp: 83543  
Ion Ratio Lower Upper  
82 100  
128 42.2 27.9 41.9#  
54 55.3 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.616 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: BG054497.D  
Acq: 3 Aug 2022 13:14

Tgt Ion:164 Resp: 50184  
Ion Ratio Lower Upper  
164 100  
162 102.2 82.3 123.5  
160 43.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 127.431 ng

RT: 16.114 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054497.D

Acq: 3 Aug 2022 13:14

Instrument :

BNA\_G

ClientSampleId :

RVE-133

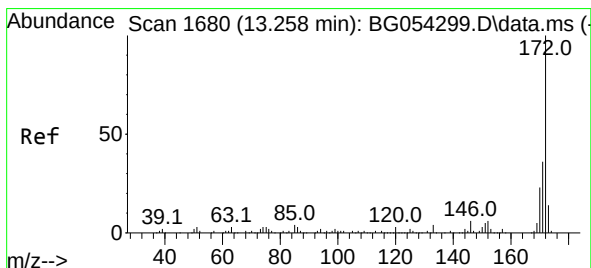
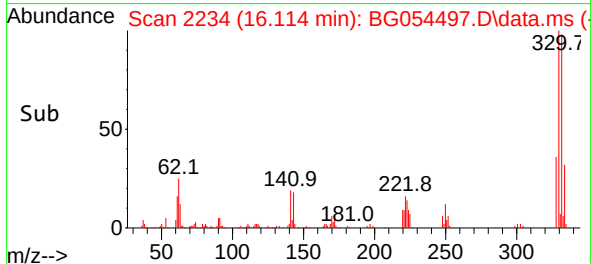
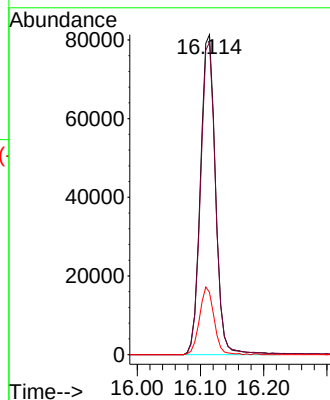
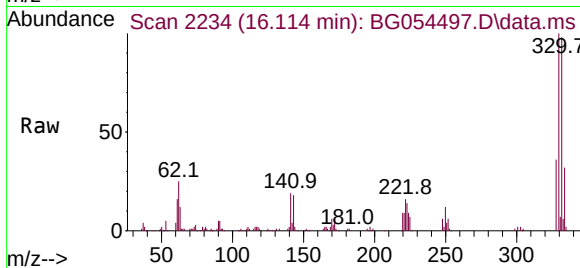
Tgt Ion:330 Resp: 134271

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 20.4 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 76.906 ng

RT: 13.235 min Scan# 1744

Delta R.T. -0.012 min

Lab File: BG054497.D

Acq: 3 Aug 2022 13:14

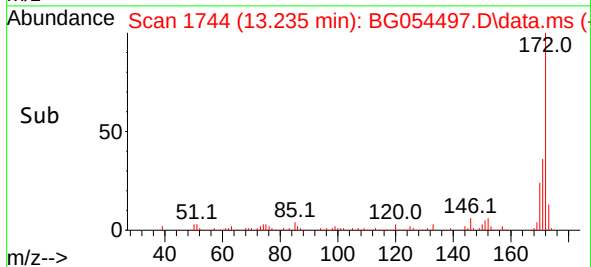
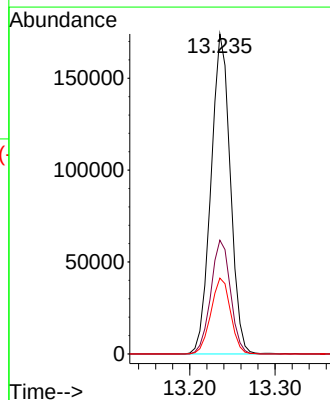
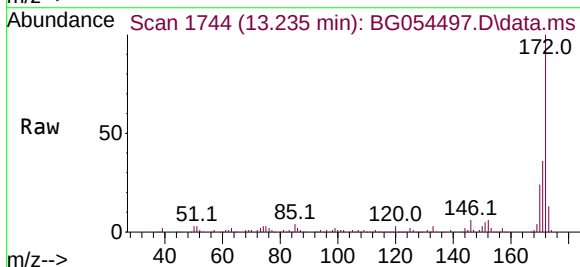
Tgt Ion:172 Resp: 273587

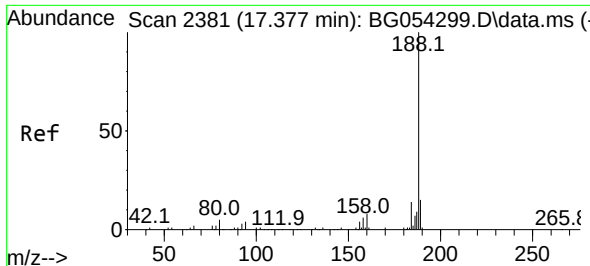
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.7 18.9 28.3

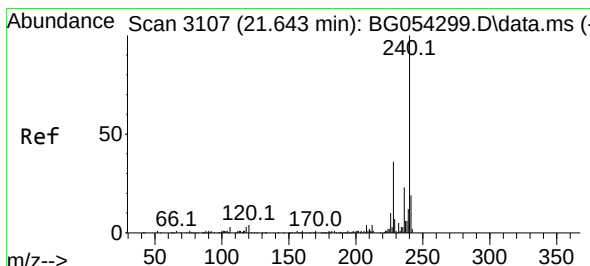
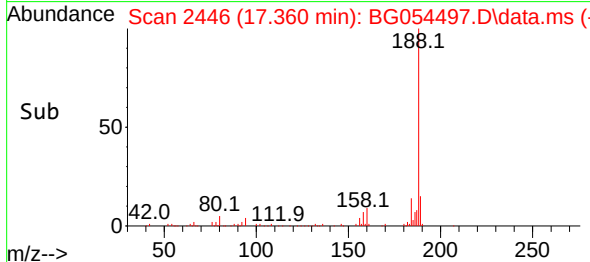
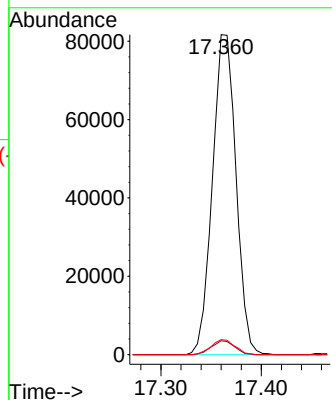
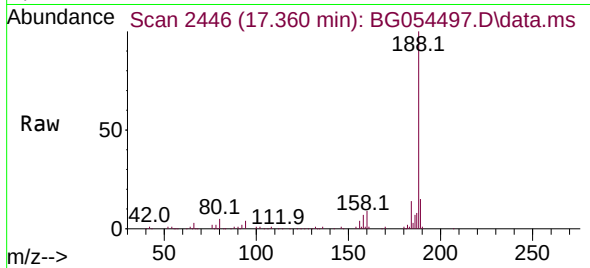




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.360 min Scan# 2446  
Delta R.T. -0.012 min  
Lab File: BG054497.D  
Acq: 3 Aug 2022 13:14

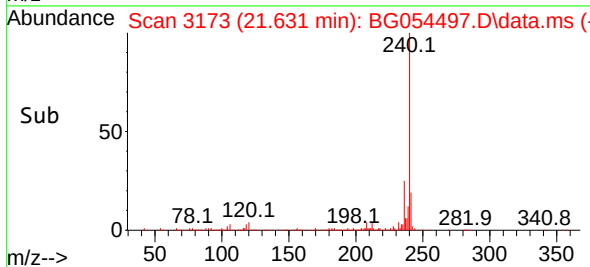
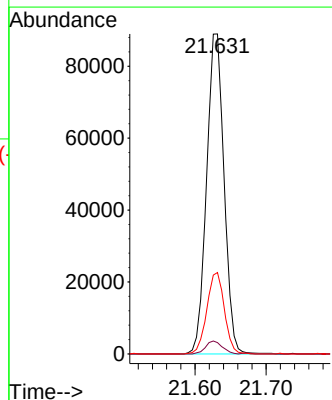
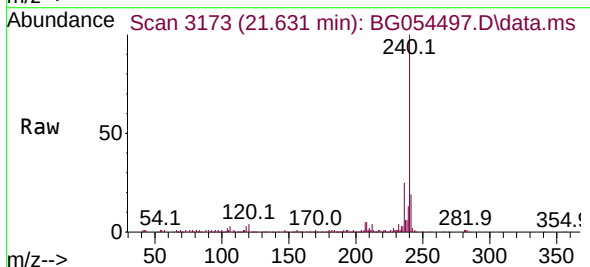
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BNA\_G  
ClientSampleId :  
RVE-133

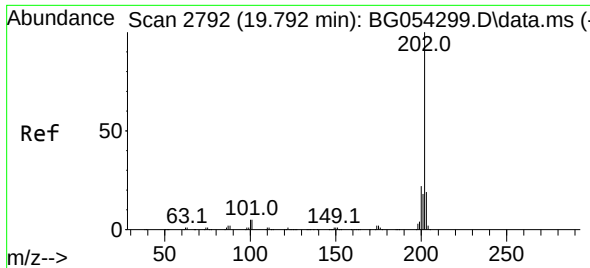
Tgt Ion:188 Resp: 133490  
Ion Ratio Lower Upper  
188 100  
94 4.3 5.4 8.0#  
80 4.7 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.631 min Scan# 3173  
Delta R.T. -0.006 min  
Lab File: BG054497.D  
Acq: 3 Aug 2022 13:14

Tgt Ion:240 Resp: 151317  
Ion Ratio Lower Upper  
240 100  
120 3.5 4.6 7.0#  
236 25.4 20.2 30.4

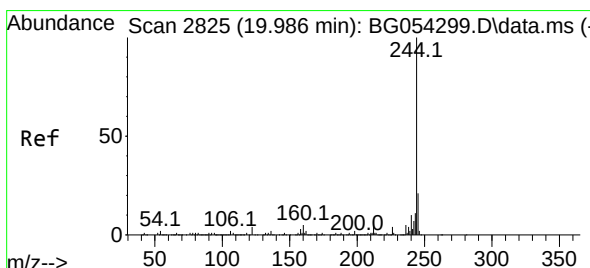
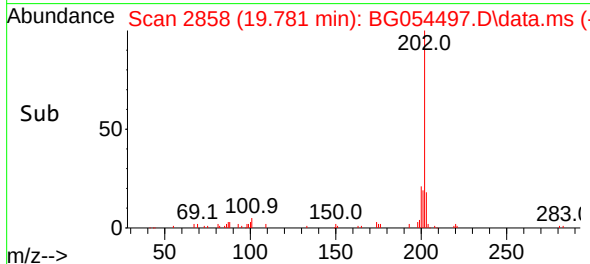
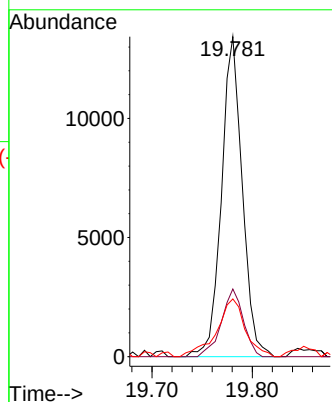
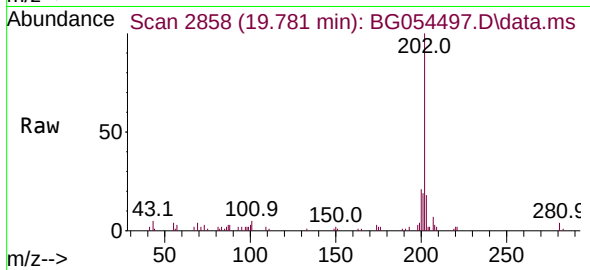




#78  
 Pyrene  
 Concen: 2.232 ng  
 RT: 19.781 min Scan# 281  
 Delta R.T. -0.006 min  
 Lab File: BG054497.D  
 Acq: 3 Aug 2022 13:14

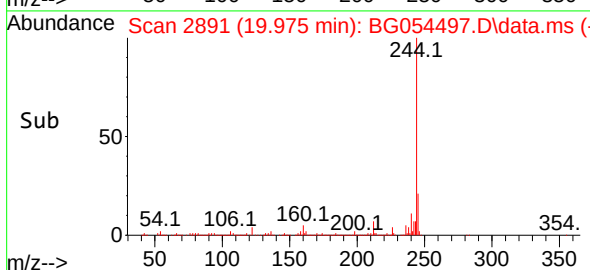
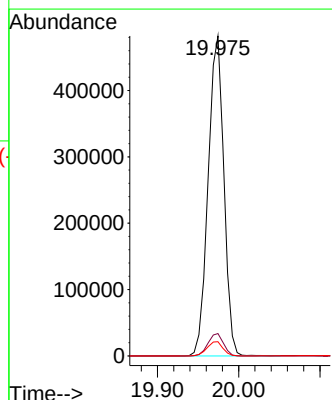
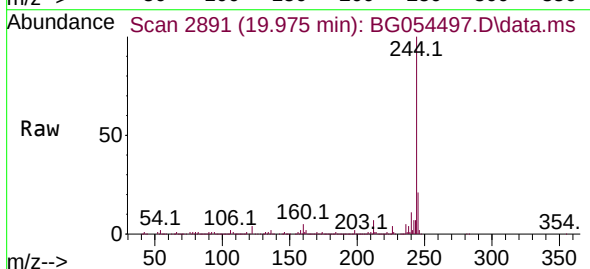
Instrument :  
 BNA\_G  
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 RVE-133

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 19380 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 21.1  | 16.6  | 24.8  |
| 203       | 18.0  | 14.6  | 21.8  |

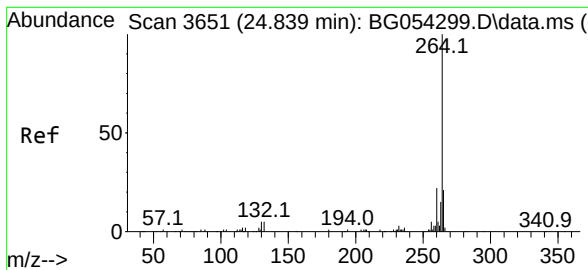


#79  
 Terphenyl-d14  
 Concen: 85.167 ng  
 RT: 19.975 min Scan# 2891  
 Delta R.T. -0.006 min  
 Lab File: BG054497.D  
 Acq: 3 Aug 2022 13:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 649620 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.0   | 6.5   | 9.7    |
| 122       | 4.4   | 5.0   | 7.4    |

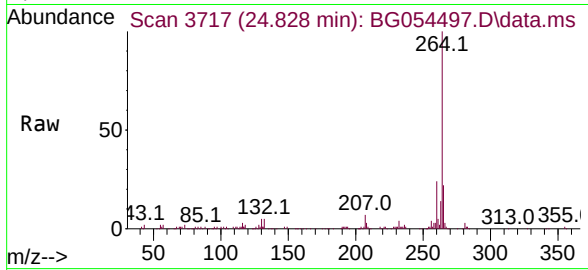






#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.828 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BG054497.D  
 Acq: 3 Aug 2022 13:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RVE-133



Tgt Ion:264 Resp: 160843

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.0  | 28.6  |
| 265 | 22.2  | 17.4  | 26.2  |

