

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060421\  
 Data File : BP005707.D  
 Acq On : 04 Jun 2021 11:54  
 Operator : CG/JU  
 Sample : M2582-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RO-1-VNJ-201

Quant Time: Jun 04 13:53:34 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 27 16:11:11 2021  
 Response via : Initial Calibration

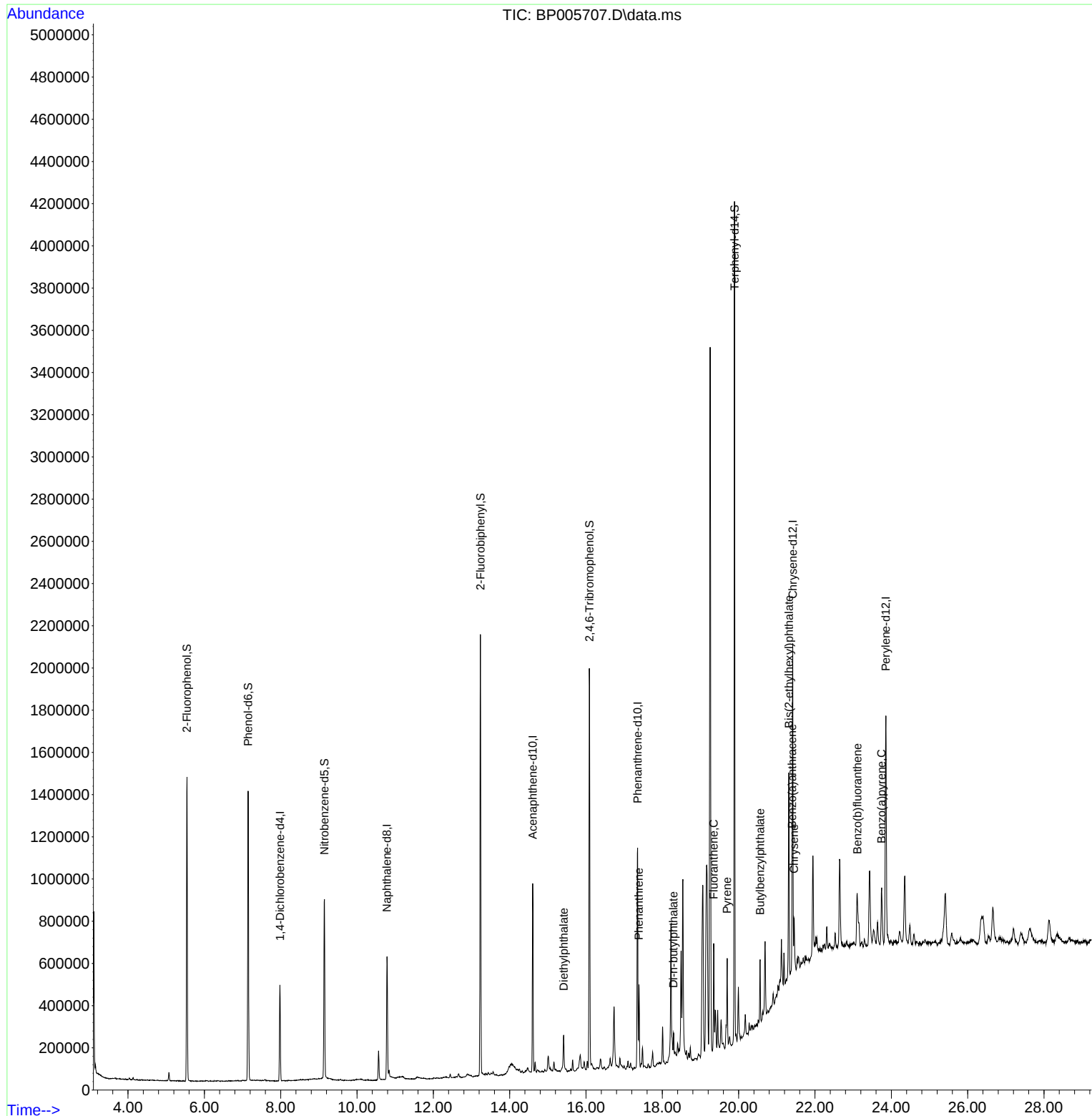
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.981  | 152  | 124506   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.787 | 136  | 478622   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.604 | 164  | 299894   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.351 | 188  | 644722   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.416 | 240  | 715465   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.857 | 264  | 836893   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.546  | 112  | 620290   | 77.457  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.146  | 99   | 771505   | 70.669  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.146  | 82   | 500880   | 58.200  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.092 | 330  | 386768   | 100.576 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.234 | 172  | 1071794  | 47.298  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.892 | 244  | 1804116  | 47.316  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 60) Diethylphthalate          | 15.416 | 149  | 125846   | 5.258   | ng    | 97       |
| 71) Phenanthrene              | 17.386 | 178  | 227619   | 5.667   | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.292 | 149  | 89453    | 2.140   | ng    | # 91     |
| 75) Fluoranthene              | 19.345 | 202  | 289913   | 6.013   | ng    | 97       |
| 78) Pyrene                    | 19.698 | 202  | 238496   | 4.724   | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.563 | 149  | 85289    | 7.948   | ng    | # 93     |
| 81) Benzo(a)anthracene        | 21.398 | 228  | 146107   | 2.783   | ng    | 95       |
| 83) Chrysene                  | 21.451 | 228  | 131745   | 2.591   | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.316 | 149  | 211705   | 7.423   | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 23.110 | 252  | 178492   | 2.940   | ng    | # 93     |
| 90) Benzo(a)pyrene            | 23.745 | 252  | 131942   | 2.389   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

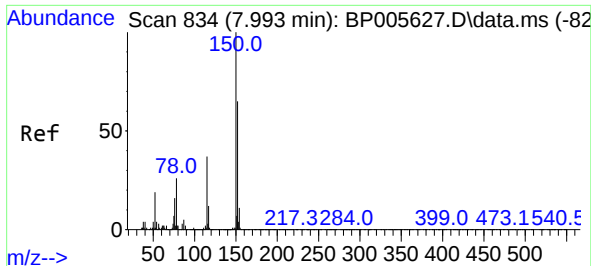
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060421\  
Data File : BP005707.D  
Acq On : 04 Jun 2021 11:54  
Operator : CG/JU  
Sample : M2582-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RO-1-VNJ-201

Quant Time: Jun 04 13:53:34 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 27 16:11:11 2021  
Response via : Initial Calibration

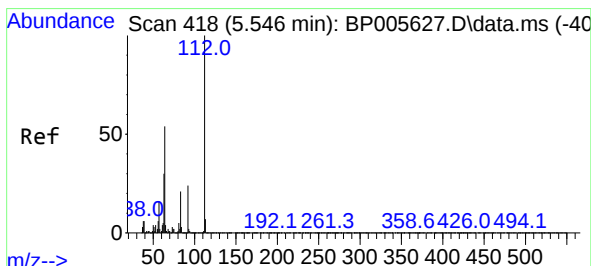
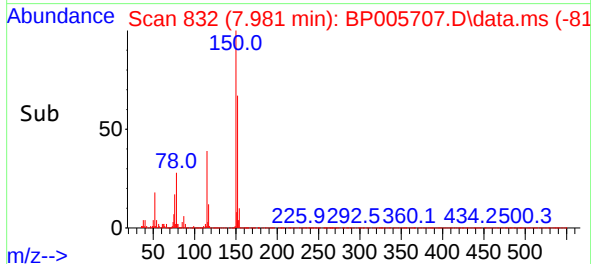
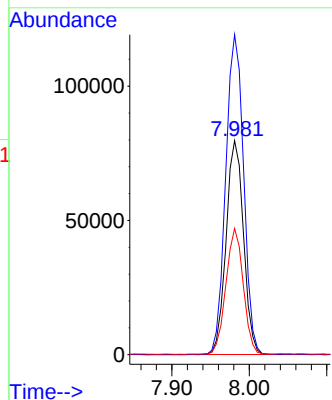
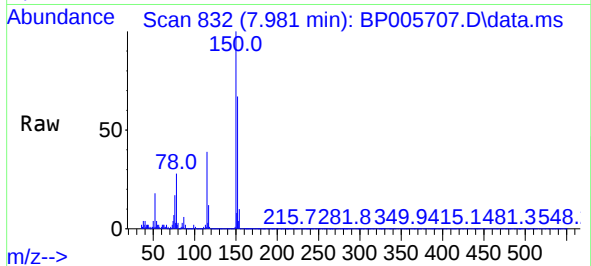




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.981 min Scan# 832  
Delta R.T. -0.012 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

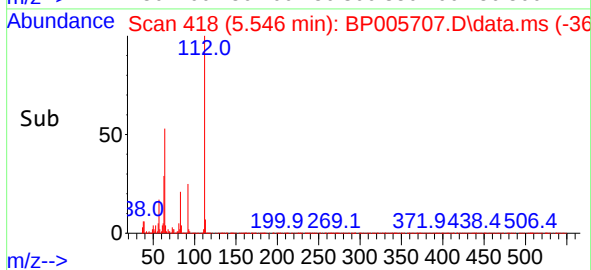
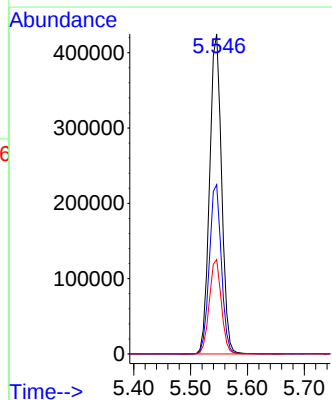
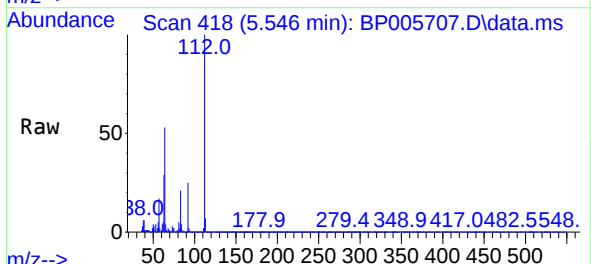
Instrument :  
BNA\_P  
ClientSampleId :  
RO-1-VNJ-201

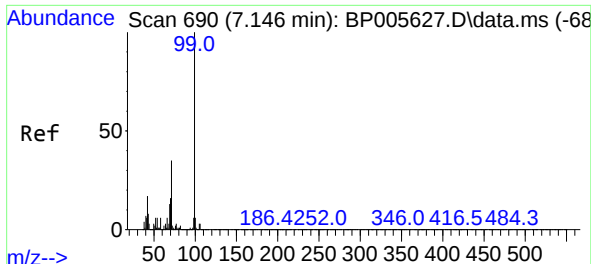
Tgt Ion:152 Resp: 124506  
Ion Ratio Lower Upper  
152 100  
150 149.5 119.8 179.8  
115 59.0 49.0 73.4



#5  
2-Fluorophenol  
Concen: 77.457 ng  
RT: 5.546 min Scan# 418  
Delta R.T. -0.000 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

Tgt Ion:112 Resp: 620290  
Ion Ratio Lower Upper  
112 100  
64 52.9 33.6 50.4#  
63 29.5 18.6 27.8#



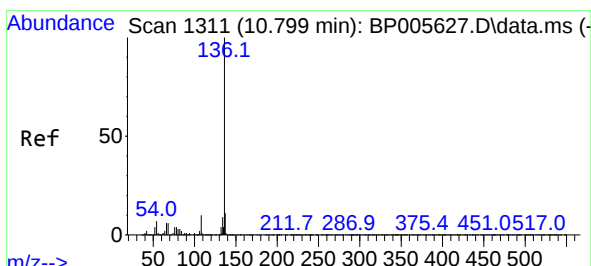
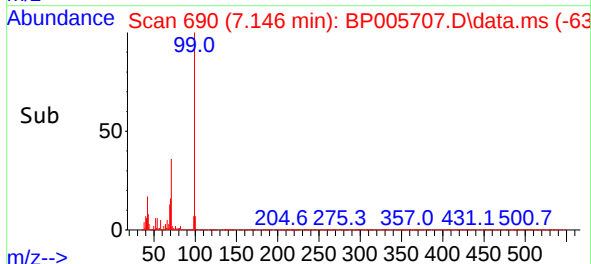
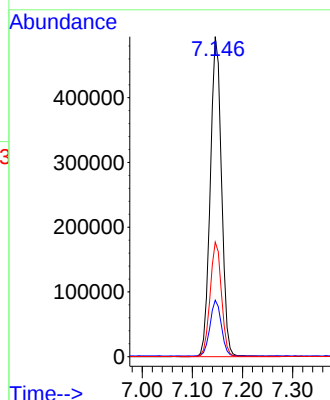
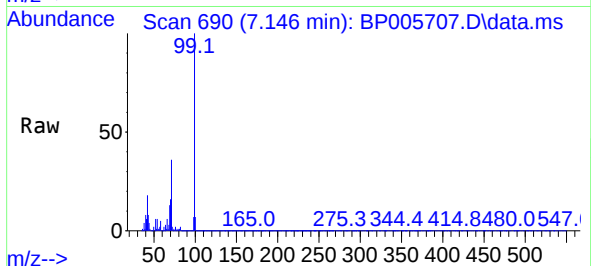


#7  
Phenol-d6  
Concen: 70.669 ng  
RT: 7.146 min Scan# 690  
Delta R.T. -0.000 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

Instrument :  
BNA\_P  
ClientSampleId :  
RO-1-VNJ-201

Tgt Ion: 99 Resp: 771505

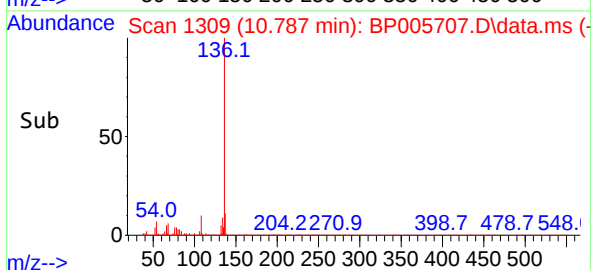
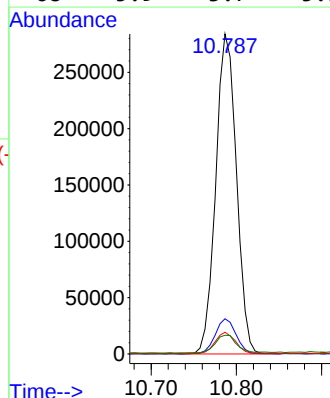
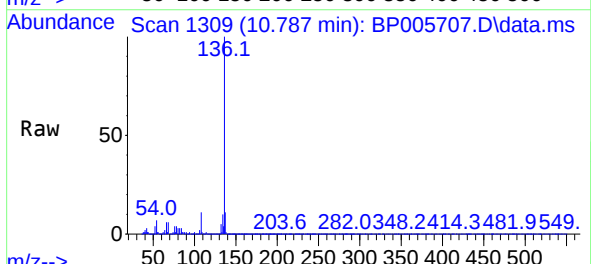
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.6  | 12.9  | 19.3  |
| 71  | 35.8  | 26.7  | 40.1  |

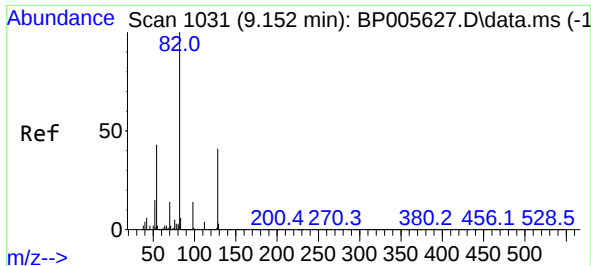


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.787 min Scan# 1309  
Delta R.T. -0.012 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

Tgt Ion: 136 Resp: 478622

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.9   | 13.3  |
| 54  | 6.8   | 5.0   | 7.4   |
| 68  | 5.9   | 3.7   | 5.5   |

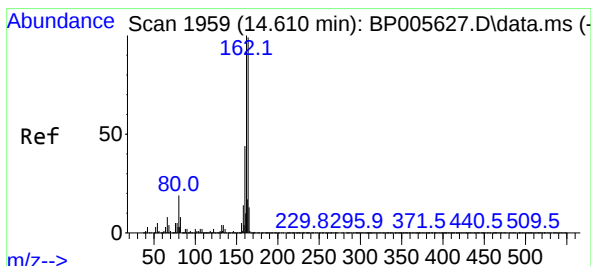
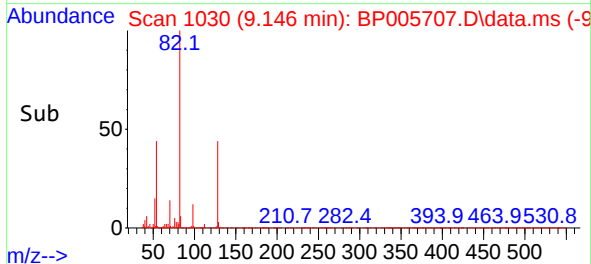
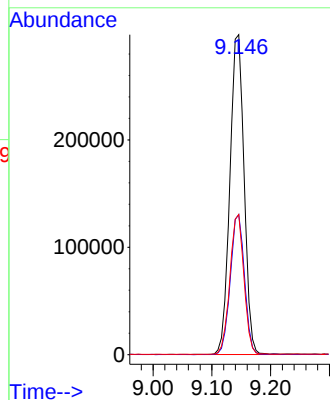
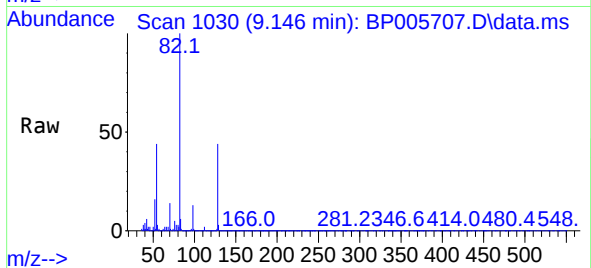




#23  
Nitrobenzene-d5  
Concen: 58.200 ng  
RT: 9.146 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

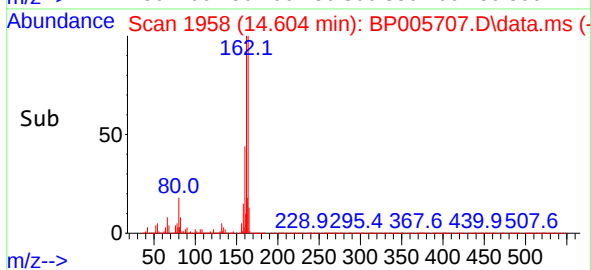
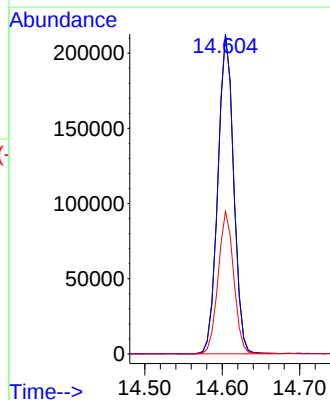
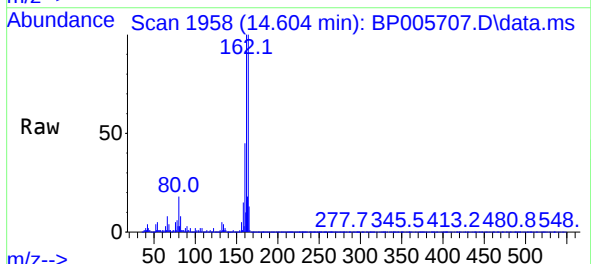
Instrument :  
BNA\_P  
ClientSampleId :  
RO-1-VNJ-201

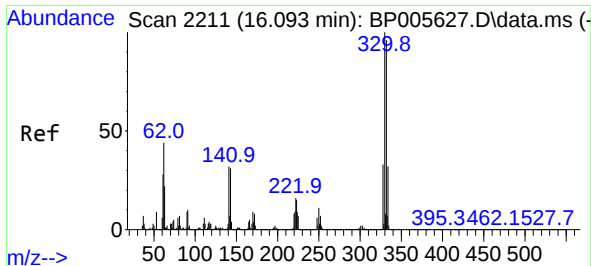
Tgt Ion: 82 Resp: 500880  
Ion Ratio Lower Upper  
82 100  
128 43.8 30.5 45.7  
54 43.8 33.9 50.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.604 min Scan# 1958  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

Tgt Ion: 164 Resp: 299894  
Ion Ratio Lower Upper  
164 100  
162 100.1 73.5 110.3  
160 44.6 40.6 61.0

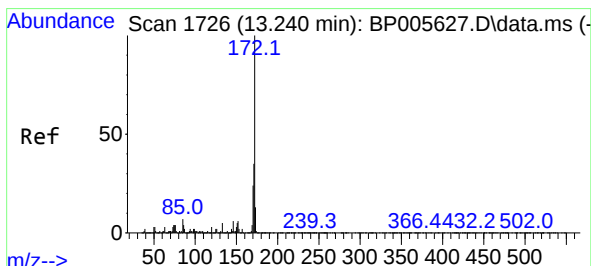
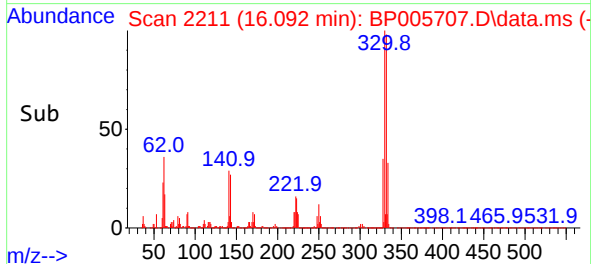
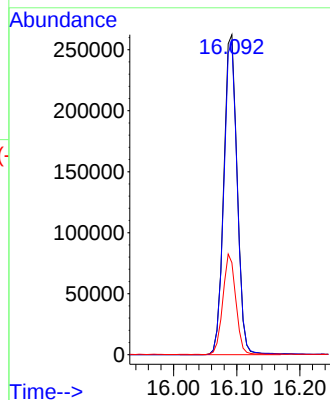
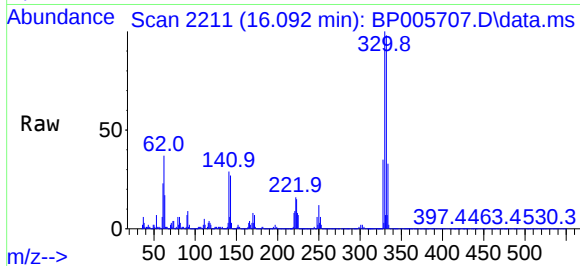




#42  
2,4,6-Tribromophenol  
Concen: 100.576 ng  
RT: 16.092 min Scan# 2211  
Delta R.T. -0.000 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

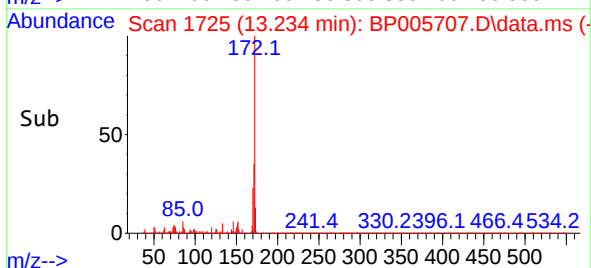
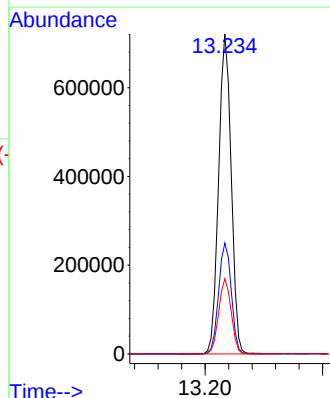
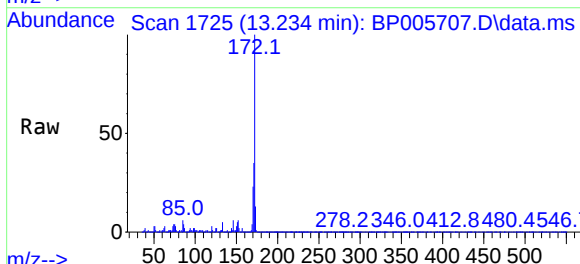
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RO-1-VNJ-201

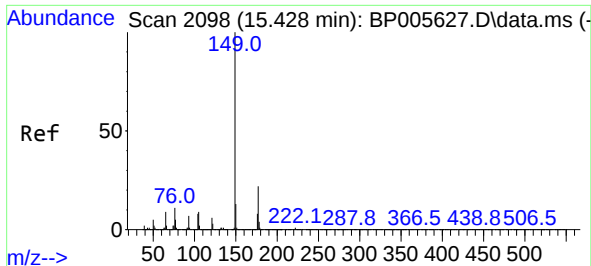
Tgt Ion:330 Resp: 386768  
Ion Ratio Lower Upper  
330 100  
332 97.7 76.3 114.5  
141 30.4 22.8 34.2



#45  
2-Fluorobiphenyl  
Concen: 47.298 ng  
RT: 13.234 min Scan# 1725  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

Tgt Ion:172 Resp: 1071794  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.1 42.1  
170 23.5 19.6 29.4

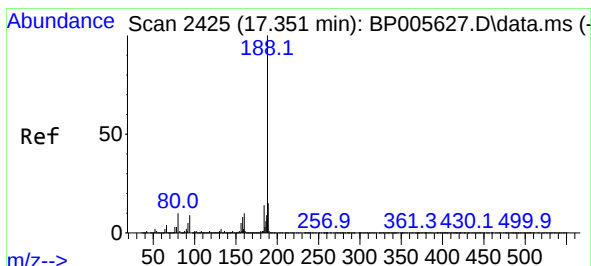
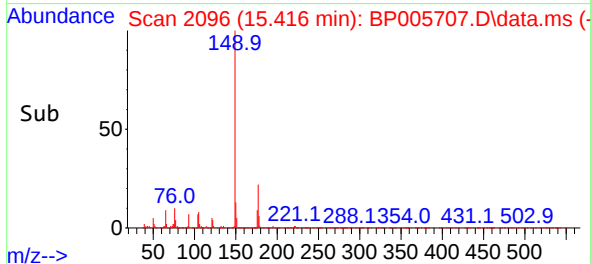
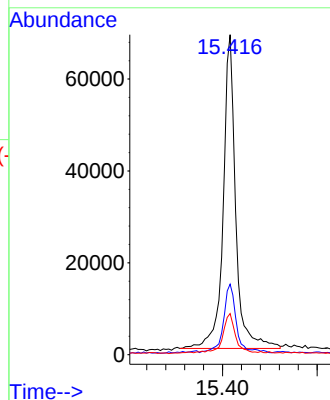
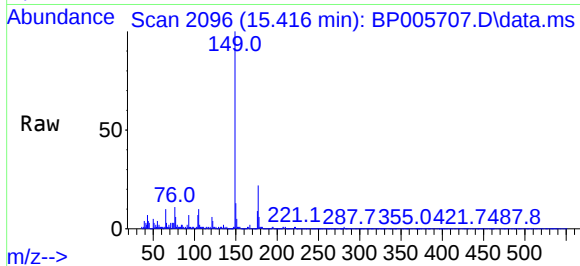




#60  
Diethylphthalate  
Concen: 5.258 ng  
RT: 15.416 min Scan# 2096  
Delta R.T. -0.012 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

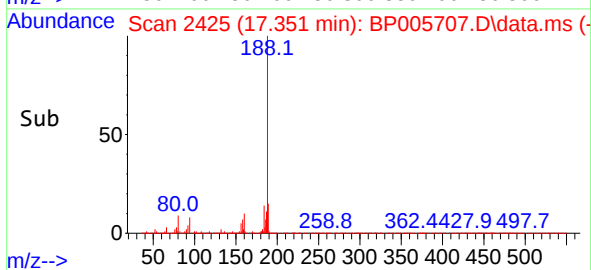
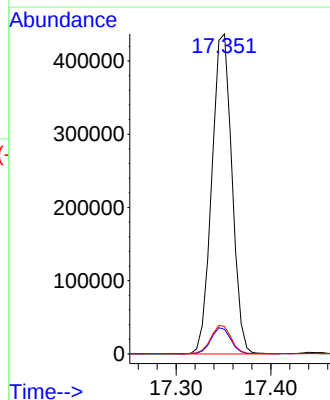
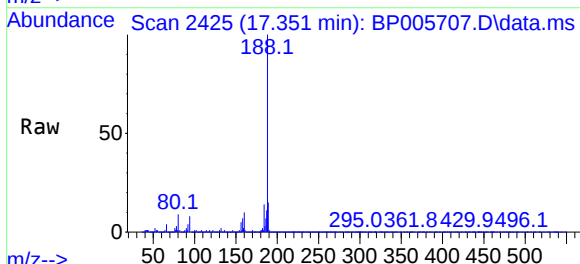
Instrument :  
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RO-1-VNJ-201

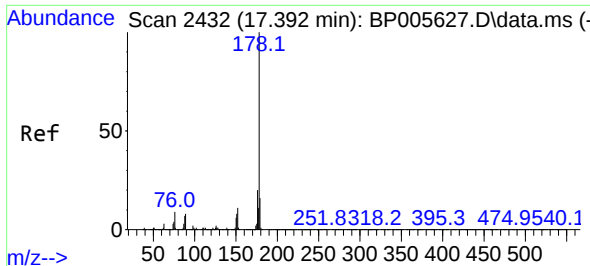
Tgt Ion:149 Resp: 125846  
Ion Ratio Lower Upper  
149 100  
177 22.0 19.2 28.8  
150 12.9 9.9 14.9



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.351 min Scan# 2425  
Delta R.T. 0.000 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

Tgt Ion:188 Resp: 644722  
Ion Ratio Lower Upper  
188 100  
94 7.7 5.0 7.6#  
80 8.6 5.9 8.9

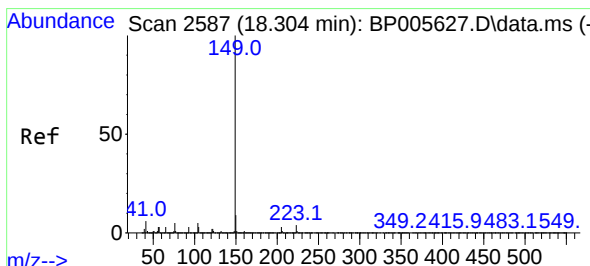
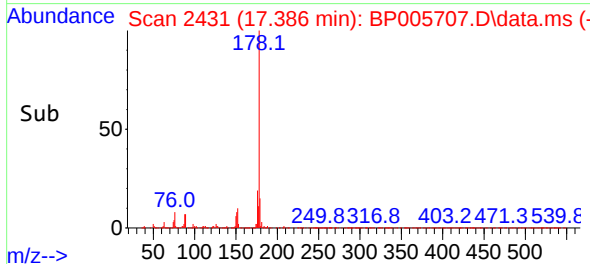
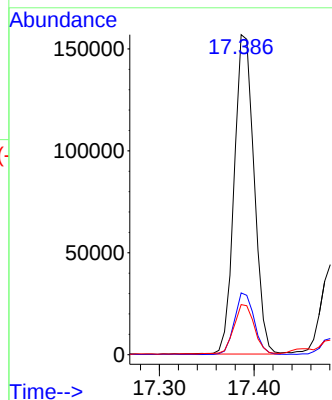
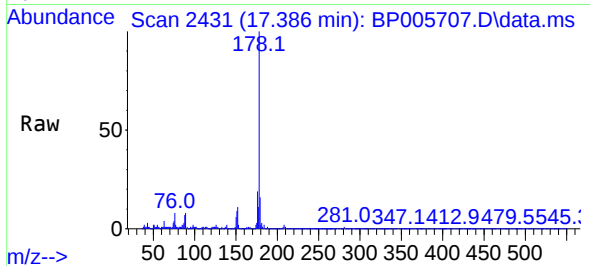




#71  
Phenanthrene  
Concen: 5.667 ng  
RT: 17.386 min Scan# 2431  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

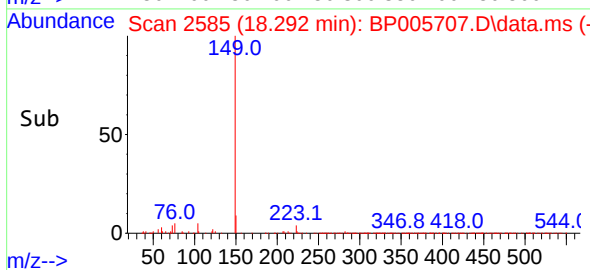
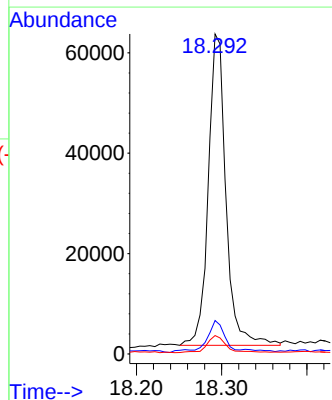
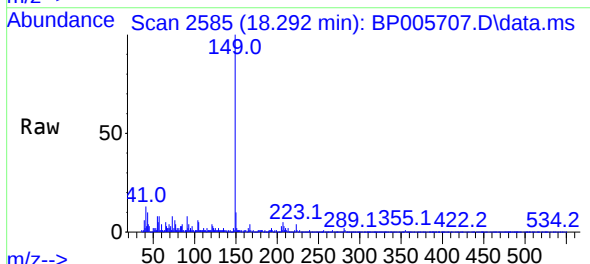
Instrument :  
BNA\_P  
ClientSampleId :  
RO-1-VNJ-201

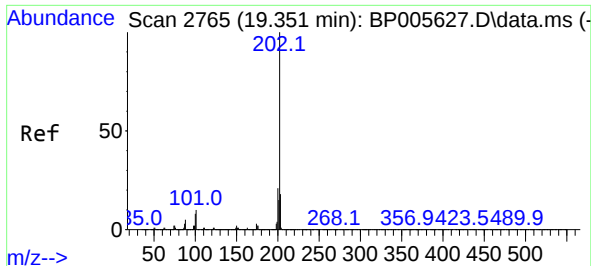
Tgt Ion:178 Resp: 227619  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.7 12.3 18.5



#74  
Di-n-butylphthalate  
Concen: 2.140 ng  
RT: 18.292 min Scan# 2585  
Delta R.T. -0.012 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

Tgt Ion:149 Resp: 89453  
Ion Ratio Lower Upper  
149 100  
150 10.4 7.6 11.4  
104 5.7 8.9 13.3#

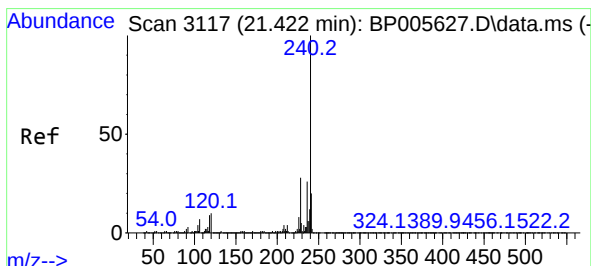
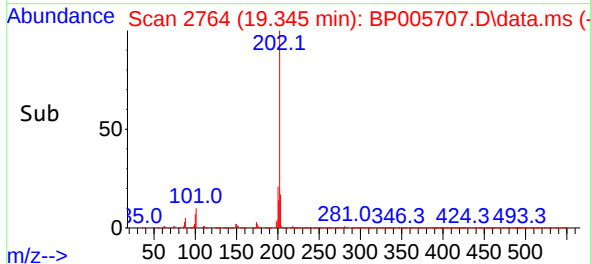
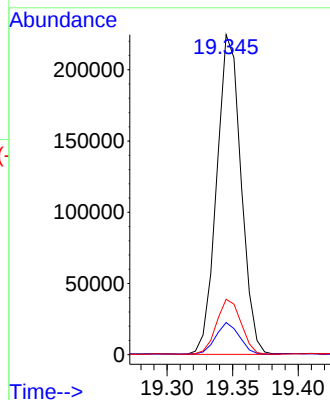
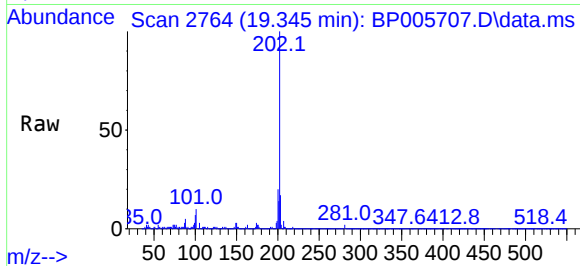




#75  
Fluoranthene  
Concen: 6.013 ng  
RT: 19.345 min Scan# 2764  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

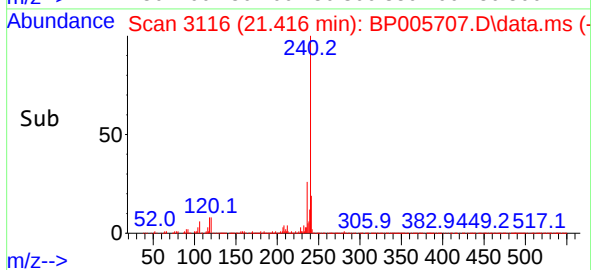
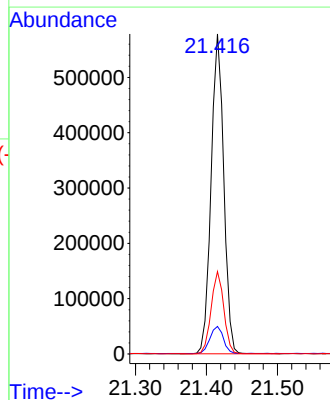
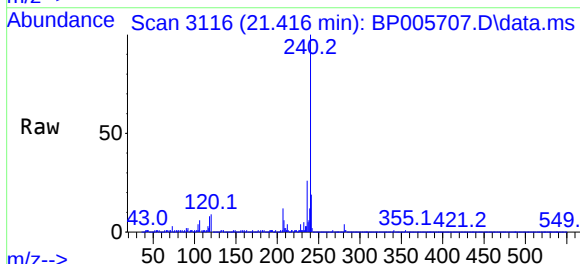
Instrument :  
BNA\_P  
ClientSampled :  
RO-1-VNJ-201

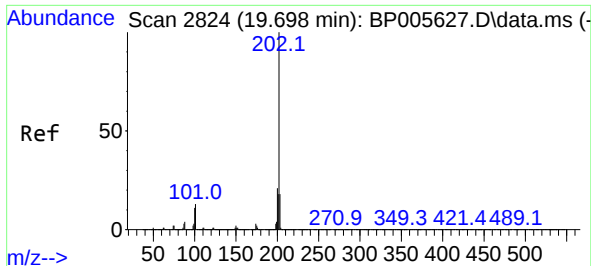
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 289913 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 10.1  | 0.0   | 26.1   |
| 203      | 17.3  | 0.0   | 37.2   |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.416 min Scan# 3116  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 715465 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.6   | 4.2   | 6.2    |
| 236      | 25.8  | 20.2  | 30.2   |

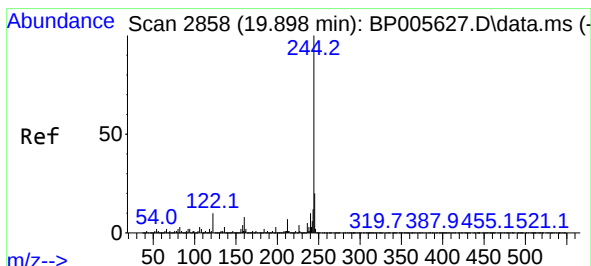
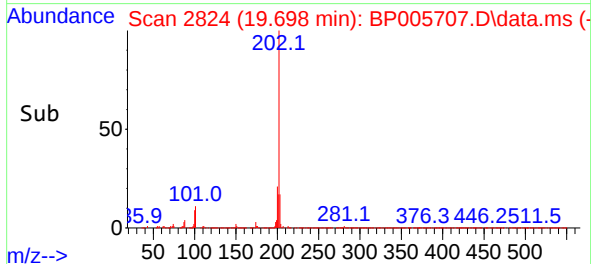
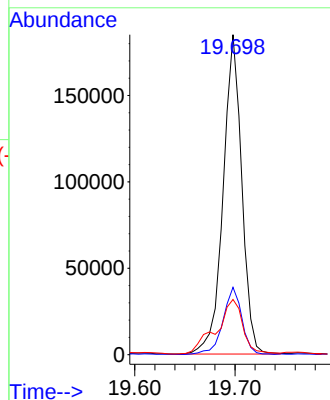
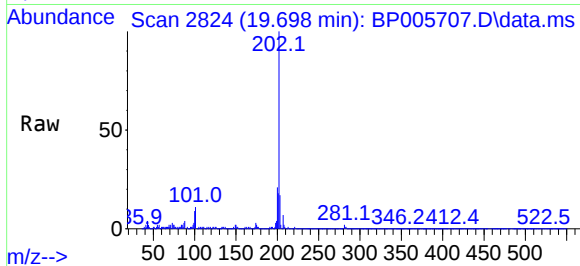




#78  
Pyrene  
Concen: 4.724 ng  
RT: 19.698 min Scan# 2824  
Delta R.T. -0.000 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

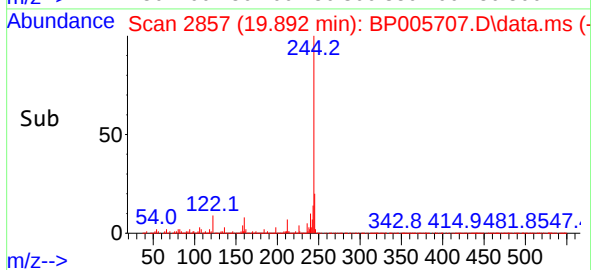
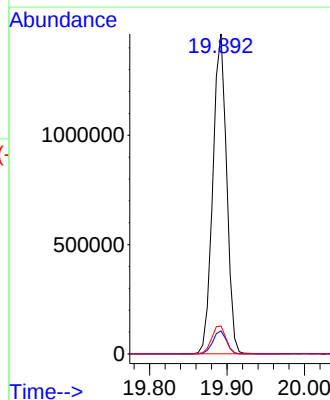
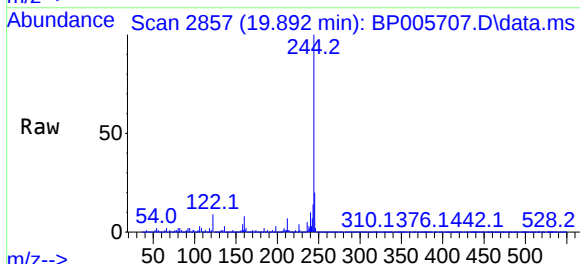
Instrument :  
BNA\_P  
ClientSampleId :  
RO-1-VNJ-201

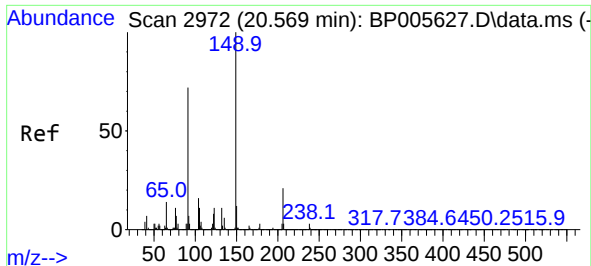
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 238496    |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 21.0  | 16.9 25.3 |
| 203         | 17.3  | 13.8 20.6 |



#79  
Terphenyl-d14  
Concen: 47.316 ng  
RT: 19.892 min Scan# 2857  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 1804116  |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.2   | 5.8 8.6  |
| 122         | 8.7   | 5.2 7.8# |

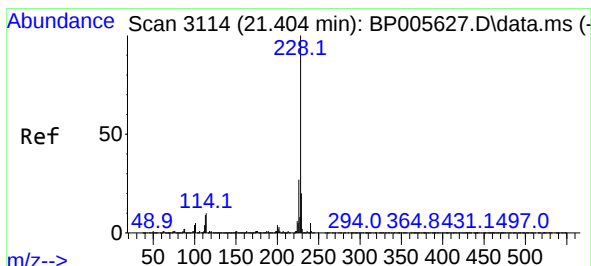
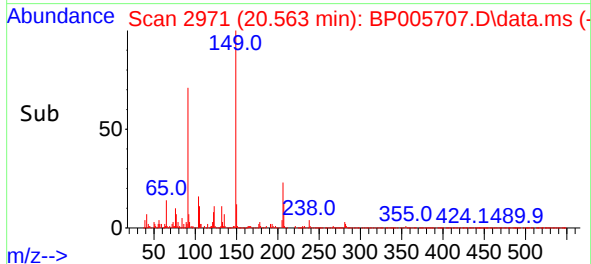
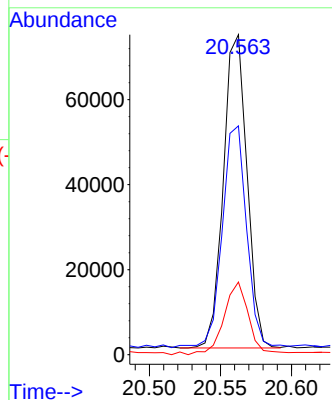
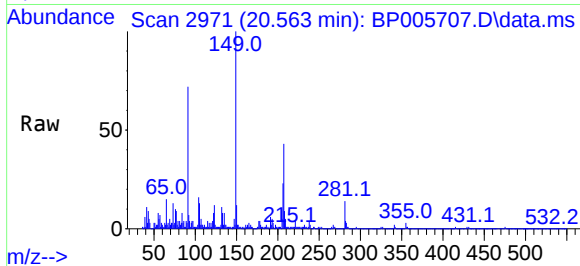




#80  
Butylbenzylphthalate  
Concen: 7.948 ng  
RT: 20.563 min Scan# 2971  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

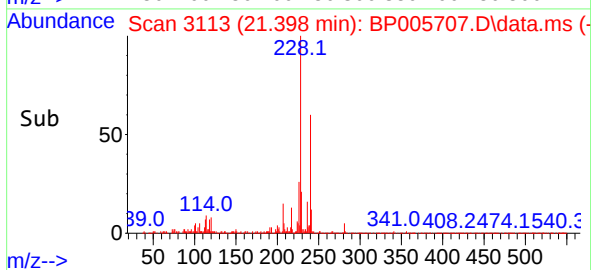
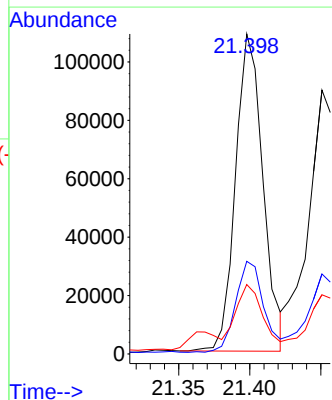
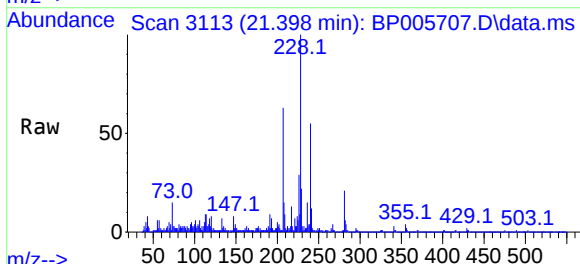
Instrument :  
BNA\_P  
ClientSampleID :  
RO-1-VNJ-201

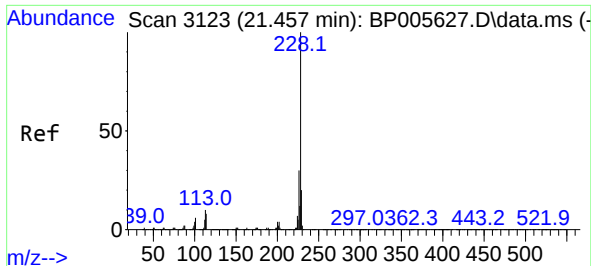
Tgt Ion:149 Resp: 85289  
Ion Ratio Lower Upper  
149 100  
91 71.5 60.2 90.4  
206 22.7 23.9 35.9#



#81  
Benzo(a)anthracene  
Concen: 2.783 ng  
RT: 21.398 min Scan# 3113  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

Tgt Ion:228 Resp: 146107  
Ion Ratio Lower Upper  
228 100  
226 28.9 21.2 31.8  
229 21.7 15.6 23.4

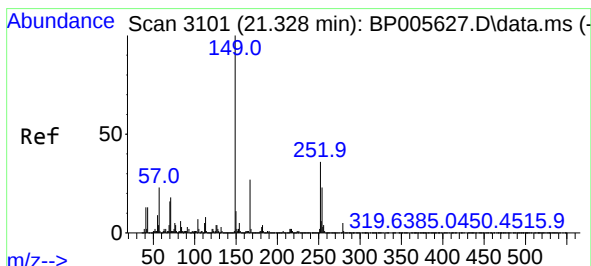
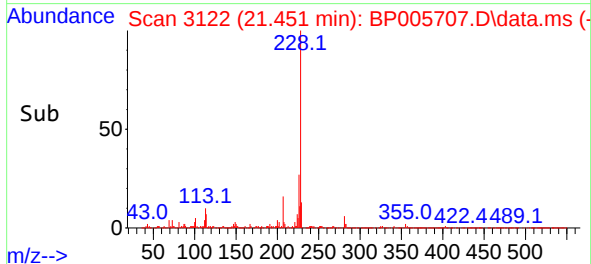
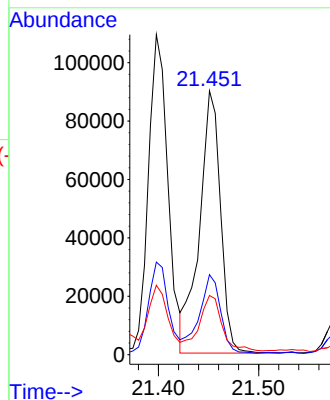
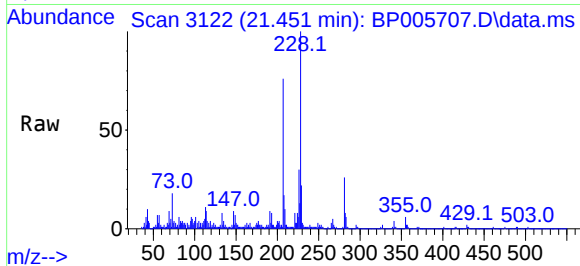




#83  
Chrysene  
Concen: 2.591 ng  
RT: 21.451 min Scan# 3122  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

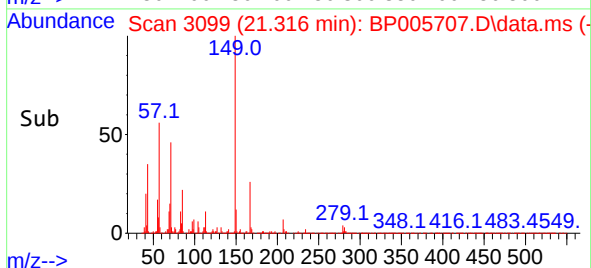
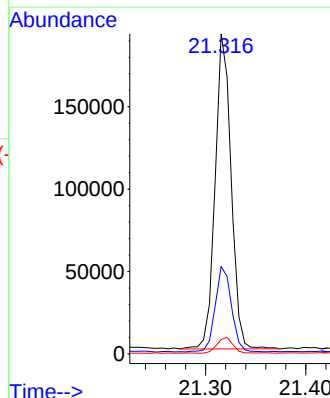
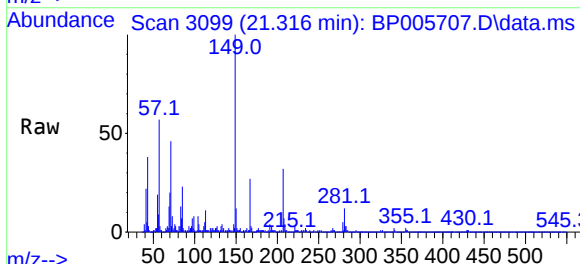
Instrument :  
BNA\_P  
ClientSampleId :  
RO-1-VNJ-201

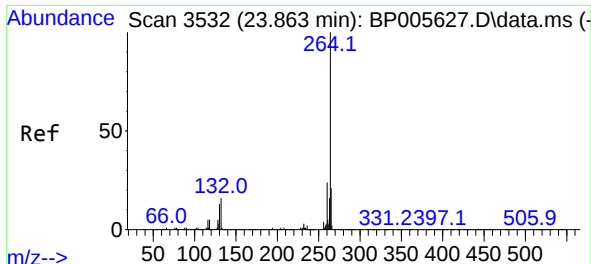
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 131745    |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 30.3  | 24.8 37.2 |
| 229         | 22.4  | 15.4 23.0 |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 7.423 ng  
RT: 21.316 min Scan# 3099  
Delta R.T. -0.012 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 211705    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 27.3  | 23.8 35.8 |
| 279         | 4.5   | 5.7 8.5#  |

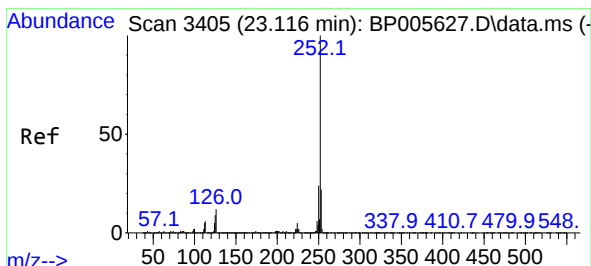
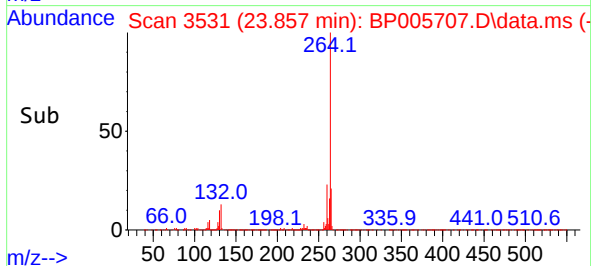
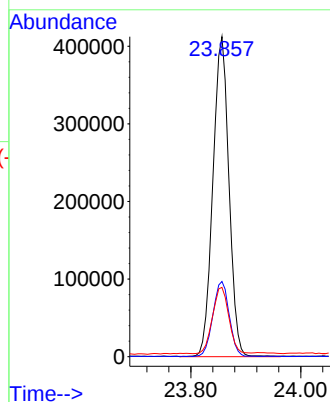
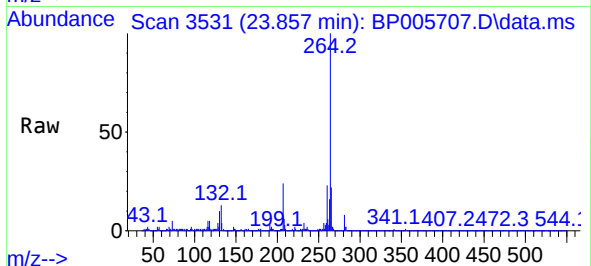




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.857 min Scan# 3531  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

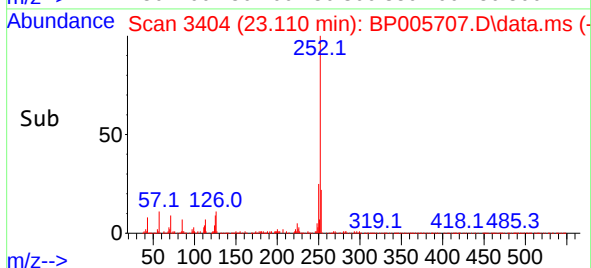
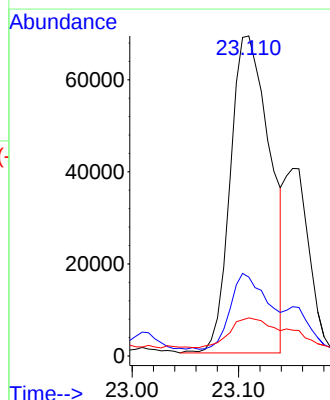
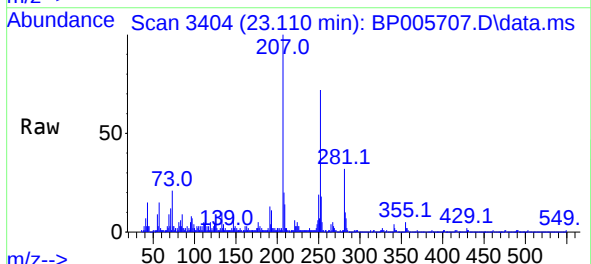
Instrument :  
BNA\_P  
ClientSampleId :  
RO-1-VNJ-201

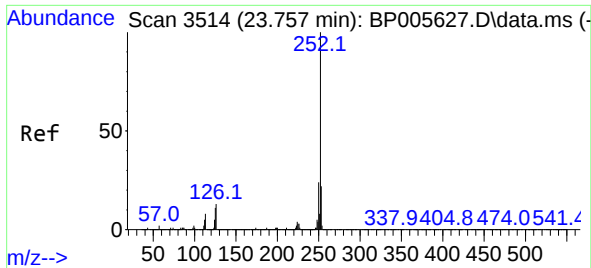
Tgt Ion:264 Resp: 836893  
Ion Ratio Lower Upper  
264 100  
260 23.5 20.6 30.8  
265 21.6 19.0 28.6



#88  
Benzo(b)fluoranthene  
Concen: 2.940 ng  
RT: 23.110 min Scan# 3404  
Delta R.T. -0.006 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

Tgt Ion:252 Resp: 178492  
Ion Ratio Lower Upper  
252 100  
253 24.7 18.2 27.2  
125 11.9 3.4 5.0#





#90  
Benzo(a)pyrene  
Concen: 2.389 ng  
RT: 23.745 min Scan# 3512  
Delta R.T. -0.012 min  
Lab File: BP005707.D  
Acq: 04 Jun 2021 11:54

Instrument :  
BNA\_P  
ClientSampleId :  
RO-1-VNJ-201

Tgt Ion:252 Resp: 131942  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.1 25.7  
125 11.3 3.8 5.6#

