

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090421\  
 Data File : BN016221.D  
 Acq On : 05 Sep 2021 09:10  
 Operator : CG/JU  
 Sample : M3534-02  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-TT-VPB-RW7-GW-525-527

Quant Time: Sep 06 06:22:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN090421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 06 02:08:58 2021  
 Response via : Initial Calibration

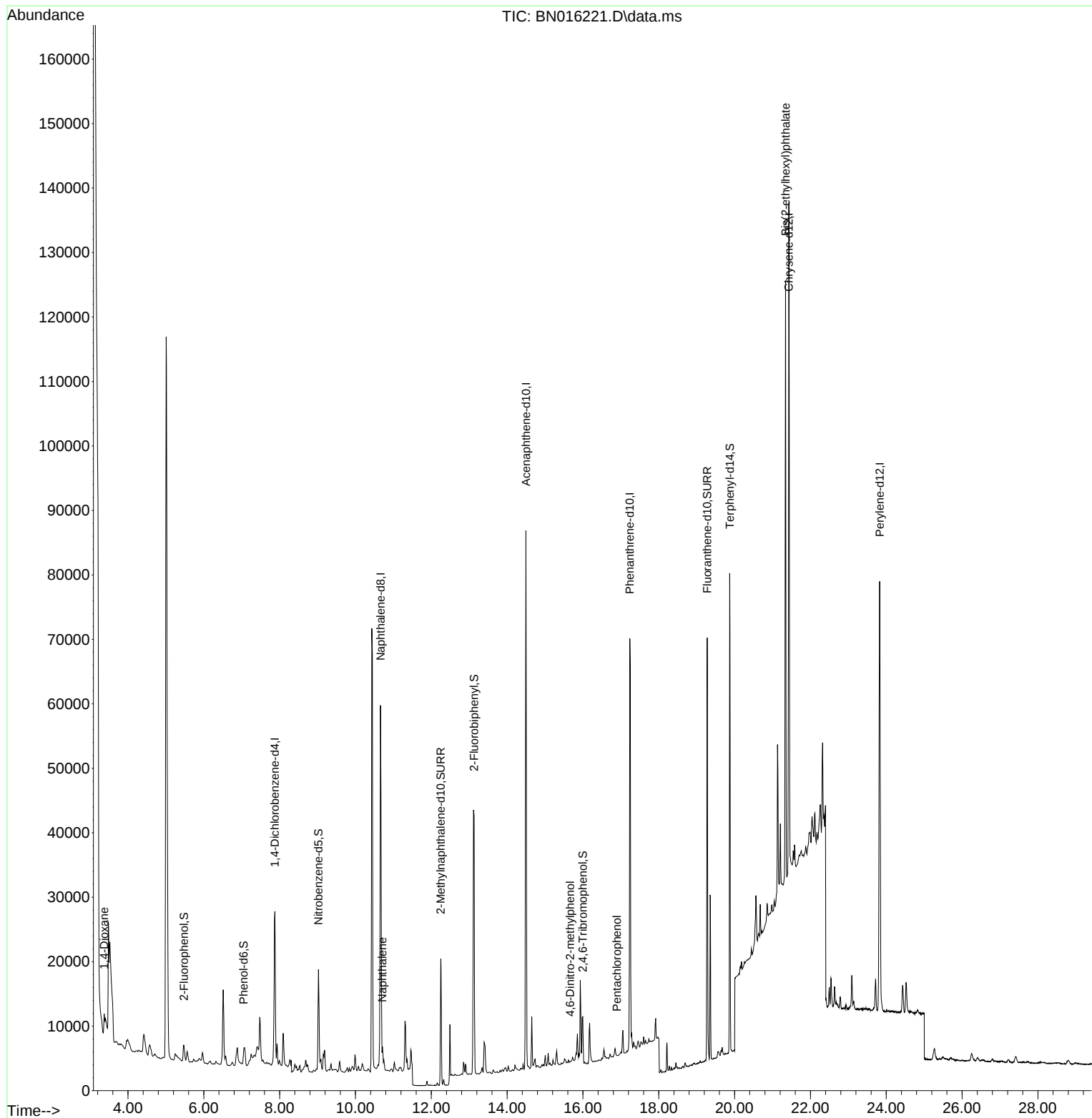
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.873  | 152  | 14993    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.660 | 136  | 82454    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.497 | 164  | 49348    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.237 | 188  | 100301   | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.429 | 240  | 101815   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.827 | 264  | 98904    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.476  | 112  | 3743     | 0.088 | ng    | 0.02     |
| 5) Phenol-d6                  | 7.052  | 99   | 2862     | 0.053 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 9.025  | 82   | 13751    | 0.208 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.252 | 152  | 27613    | 0.210 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.994 | 330  | 6055     | 0.275 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.127 | 172  | 40860    | 0.220 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.276 | 212  | 76749    | 0.255 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.872 | 244  | 75718    | 0.294 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.373  | 88   | 2274     | 0.474 | ng    | # 61     |
| 9) Naphthalene                | 10.711 | 128  | 4427     | 0.020 | ng    | # 90     |
| 20) 4,6-Dinitro-2-methylph... | 15.664 | 198  | 20       | 0.286 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.896 | 266  | 61       | 0.369 | ng    | # 78     |
| 34) Bis(2-ethylhexyl)phtha... | 21.344 | 149  | 88248    | 0.383 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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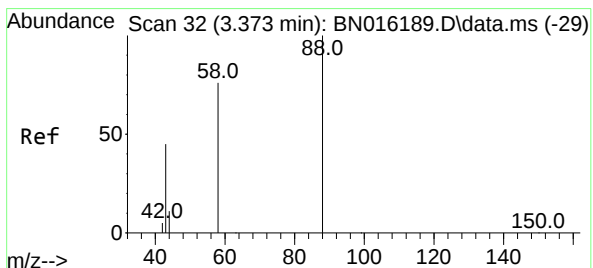
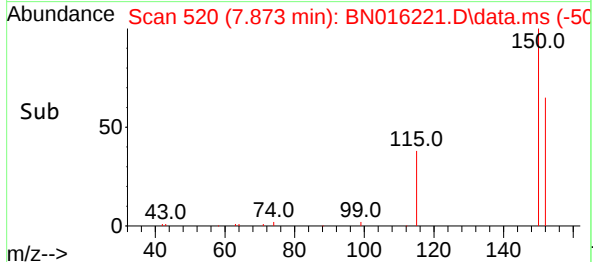
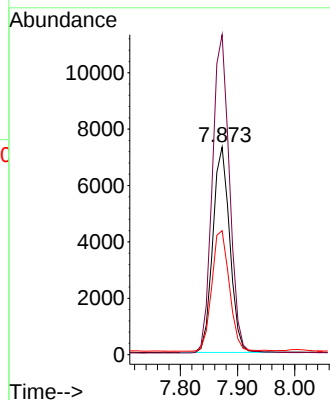
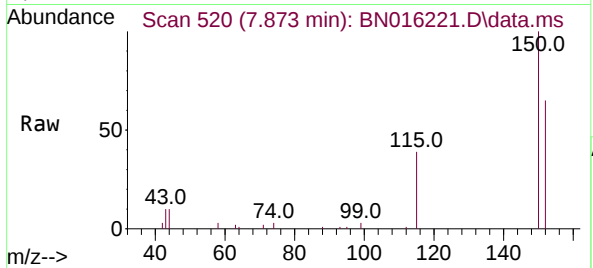




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.873 min Scan# 520  
 Delta R.T. -0.000 min  
 Lab File: BN016221.D  
 Acq: 05 Sep 2021 09:10

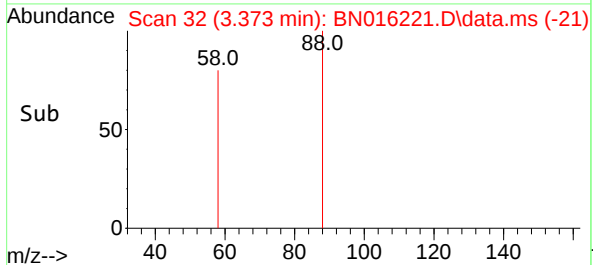
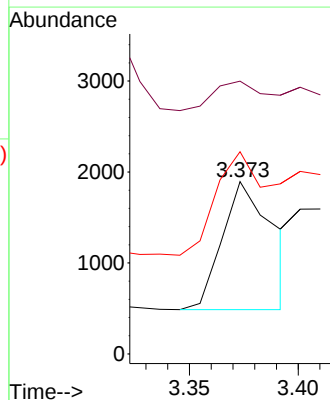
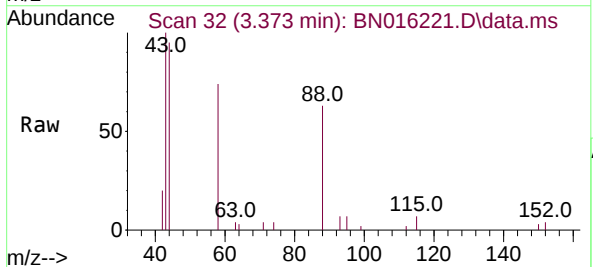
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-TT-VPB-RW7-GW-525-527

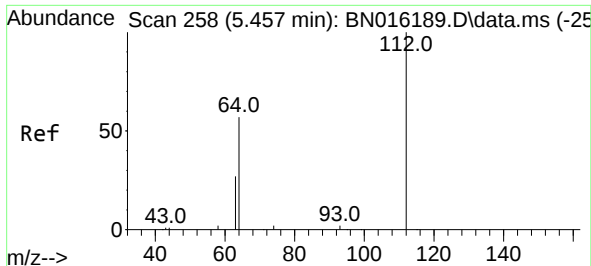
Tgt Ion:152 Resp: 14993  
 Ion Ratio Lower Upper  
 152 100  
 150 154.1 125.3 187.9  
 115 59.7 48.4 72.6



#2  
 1,4-Dioxane  
 Concen: 0.474 ng  
 RT: 3.373 min Scan# 32  
 Delta R.T. 0.000 min  
 Lab File: BN016221.D  
 Acq: 05 Sep 2021 09:10

Tgt Ion: 88 Resp: 2274  
 Ion Ratio Lower Upper  
 88 100  
 43 24.4 77.0 115.4#  
 58 88.0 70.8 106.2

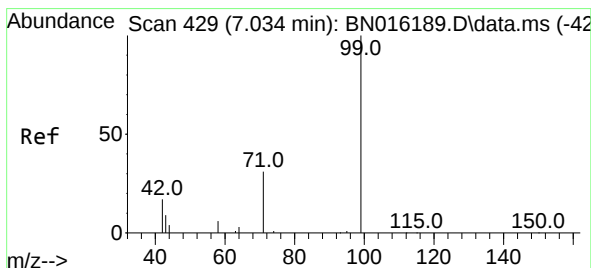
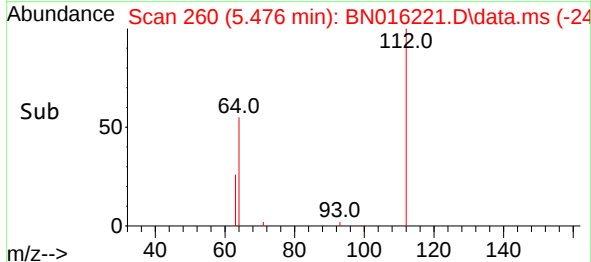
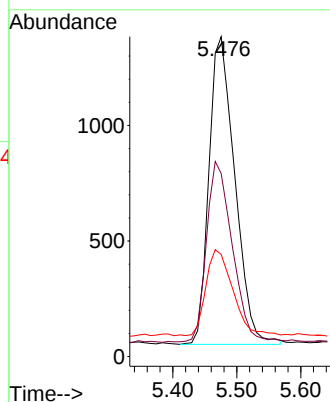
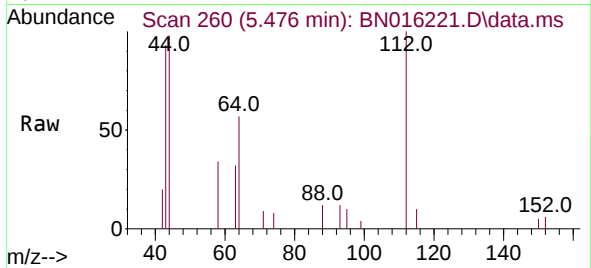




#4  
2-Fluorophenol  
Concen: 0.088 ng  
RT: 5.476 min Scan# 260  
Delta R.T. 0.019 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

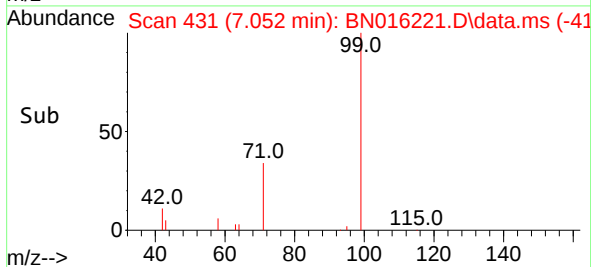
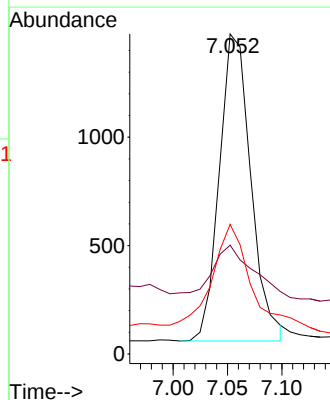
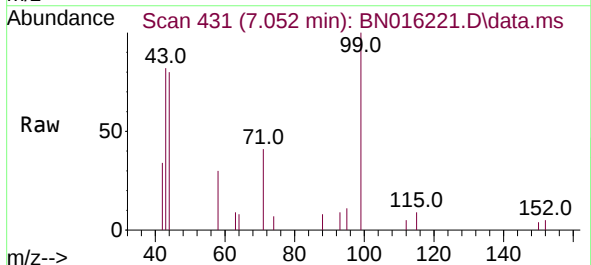
Instrument :  
BNA\_N  
ClientSampleId :  
BP-TT-VPB-RW7-GW-525-527

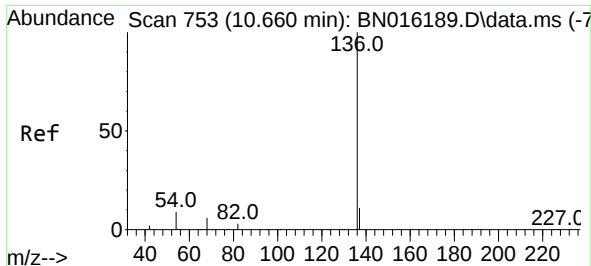
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 3743  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 58.6  | 46.8  | 70.2  |
| 63       | 28.9  | 22.7  | 34.1  |



#5  
Phenol-d6  
Concen: 0.053 ng  
RT: 7.052 min Scan# 431  
Delta R.T. 0.019 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2862  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 17.4  | 13.8  | 20.6  |
| 71       | 36.5  | 24.3  | 36.5  |

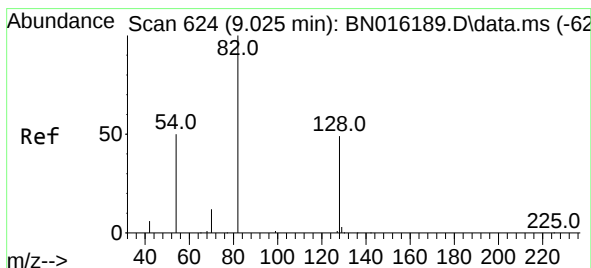
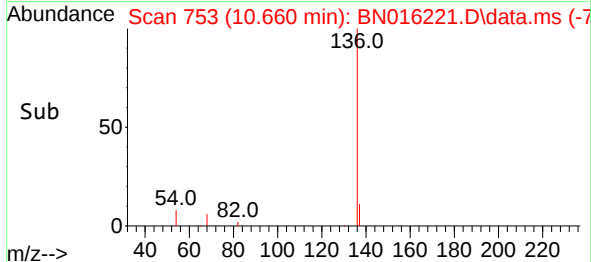
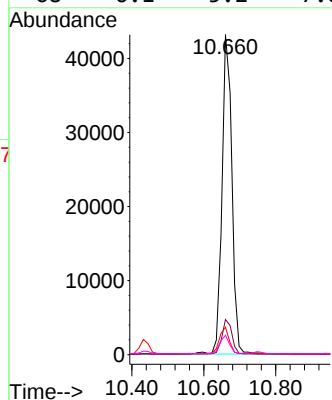
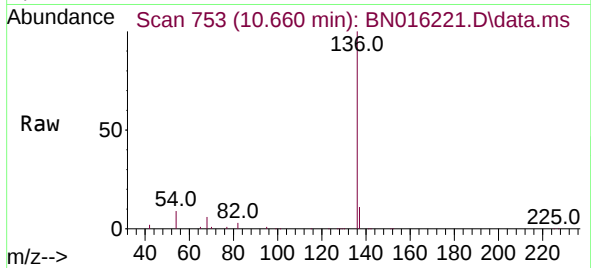




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.660 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

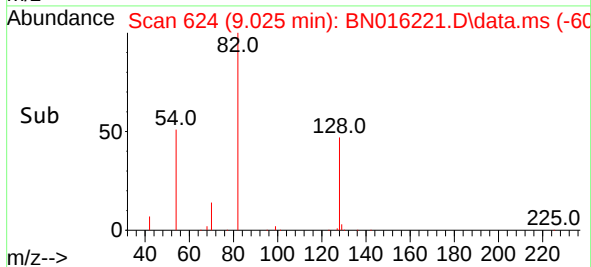
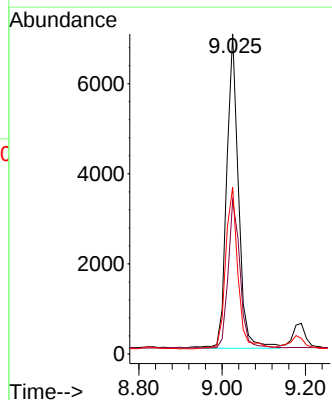
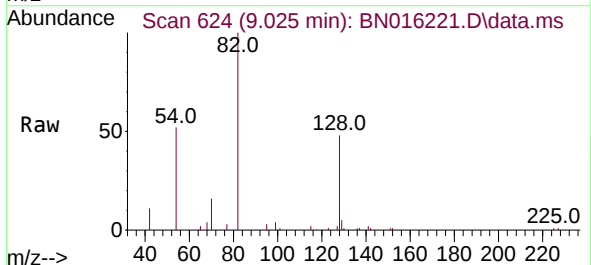
Instrument :  
BNA\_N  
ClientSampleId :  
BP-TT-VPB-RW7-GW-525-527

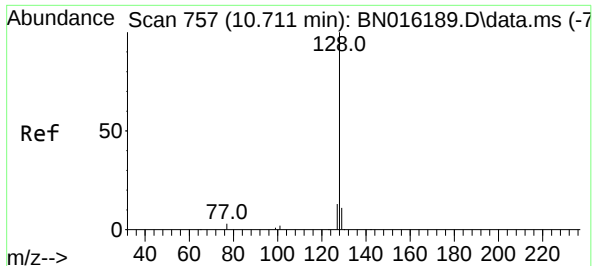
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 82454 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.0  | 8.9   | 13.3  |
| 54        | 8.6   | 7.2   | 10.8  |
| 68        | 6.1   | 5.2   | 7.8   |



#8  
Nitrobenzene-d5  
Concen: 0.208 ng  
RT: 9.025 min Scan# 624  
Delta R.T. 0.000 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 13751 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 48.1  | 39.3  | 58.9  |
| 54        | 52.2  | 40.2  | 60.4  |

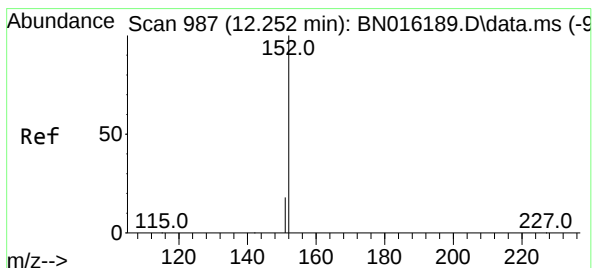
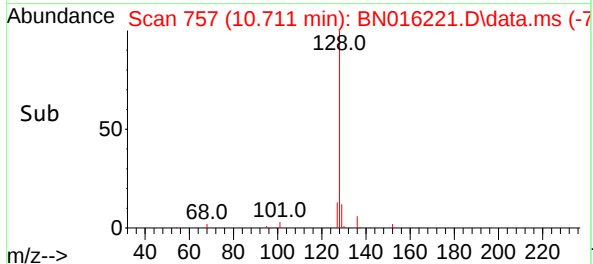
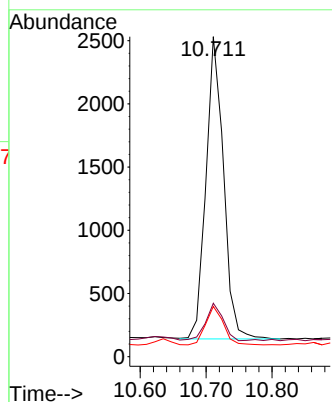
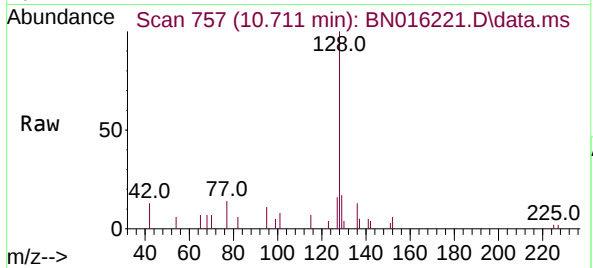




#9  
Naphthalene  
Concen: 0.020 ng  
RT: 10.711 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

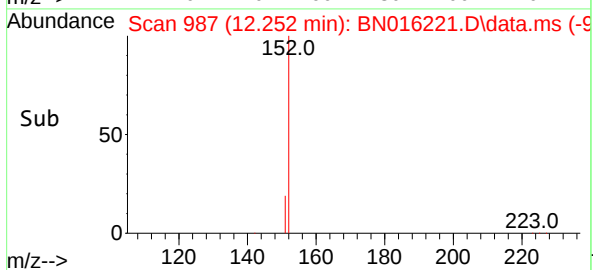
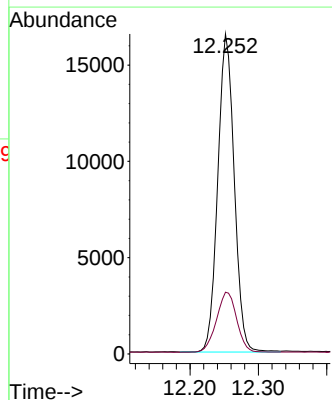
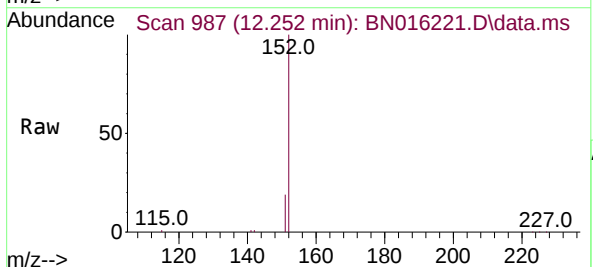
Instrument :  
BNA\_N  
ClientSampleId :  
BP-TT-VPB-RW7-GW-525-527

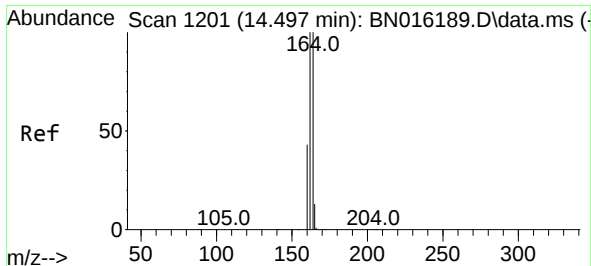
Tgt Ion:128 Resp: 4427  
Ion Ratio Lower Upper  
128 100  
129 16.7 8.9 13.3#  
127 15.7 10.4 15.6#



#11  
2-Methylnaphthalene-d10  
Concen: 0.210 ng  
RT: 12.252 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

Tgt Ion:152 Resp: 27613  
Ion Ratio Lower Upper  
152 100  
151 23.3 16.2 24.2

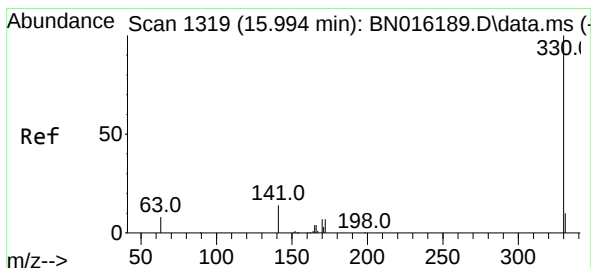
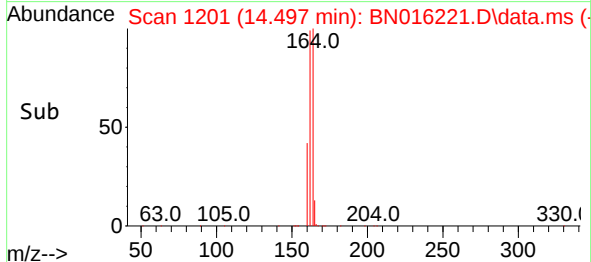
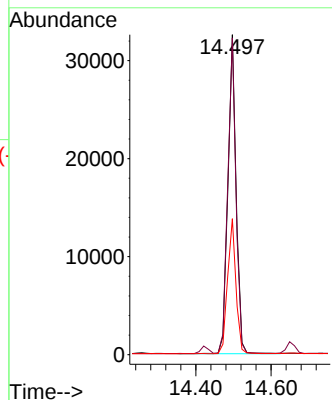
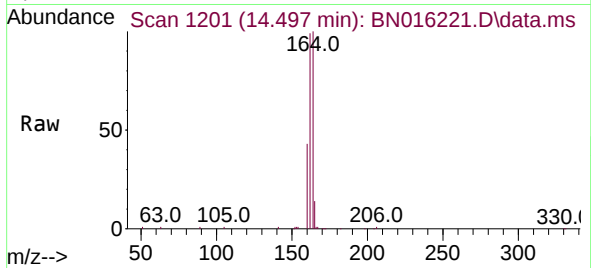




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.497 min Scan# 1201  
Delta R.T. 0.000 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

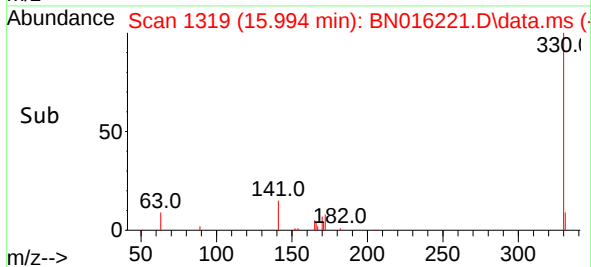
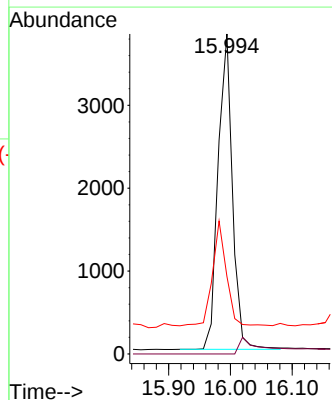
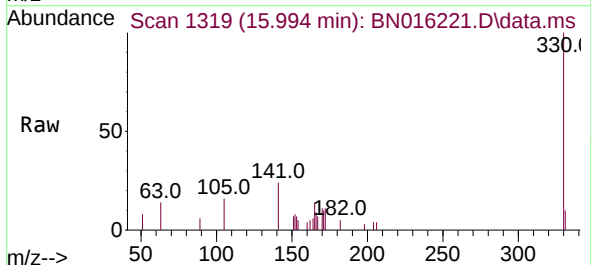
Instrument :  
BNA\_N  
ClientSampleId :  
BP-TT-VPB-RW7-GW-525-527

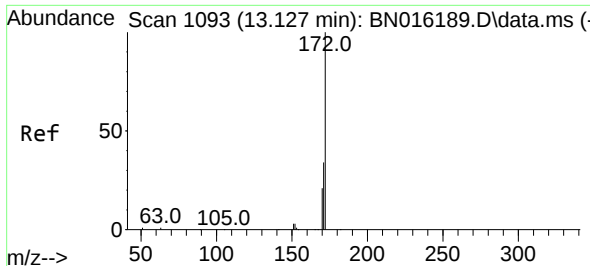
Tgt Ion:164 Resp: 49348  
Ion Ratio Lower Upper  
164 100  
162 99.0 79.8 119.6  
160 42.5 34.2 51.4



#14  
2,4,6-Tribromophenol  
Concen: 0.275 ng  
RT: 15.994 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

Tgt Ion:330 Resp: 6055  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 31.9 25.4 38.2

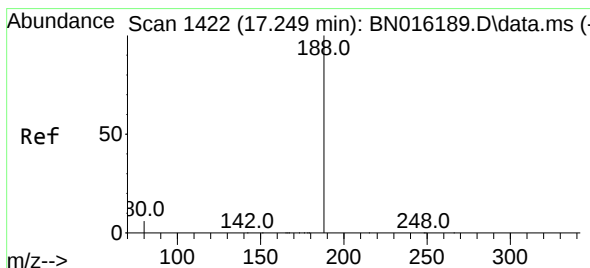
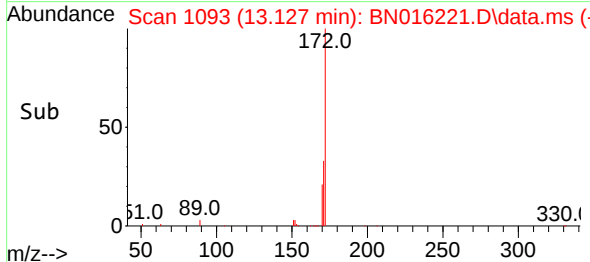
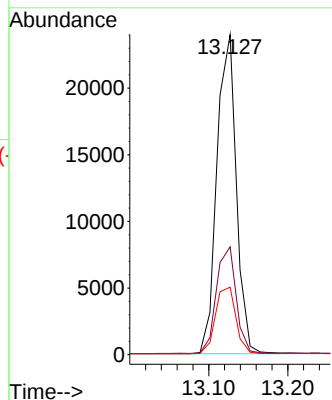
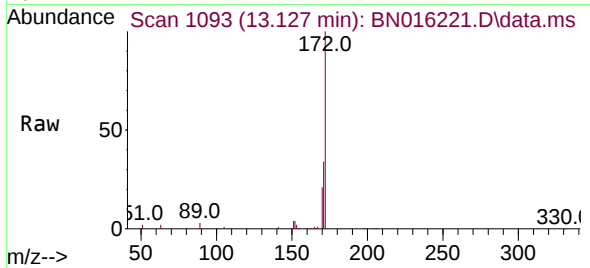




#15  
2-Fluorobiphenyl  
Concen: 0.220 ng  
RT: 13.127 min Scan# 1093  
Delta R.T. 0.000 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

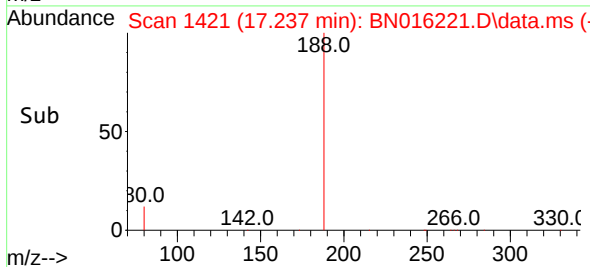
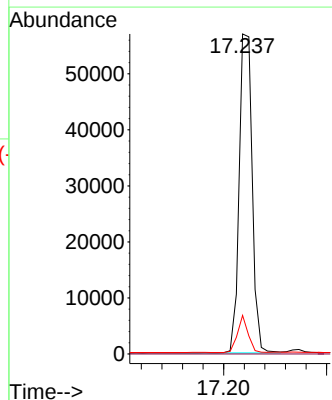
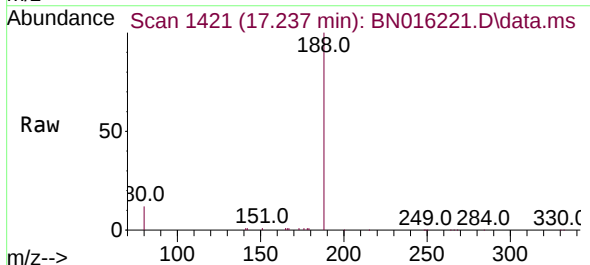
Instrument :  
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ClientSampleId :  
BP-TT-VPB-RW7-GW-525-527

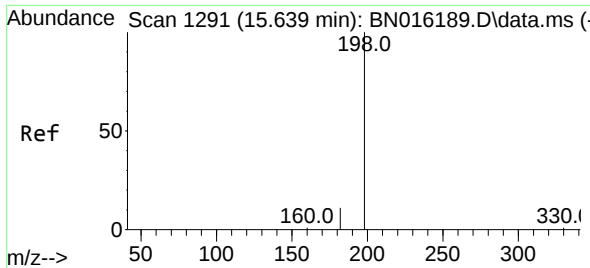
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|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 40860     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 33.7  | 26.9 40.3 |
| 170         | 21.1  | 17.1 25.7 |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.237 min Scan# 1421  
Delta R.T. -0.012 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 100301   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 0.0   | 0.0 0.0  |
| 80          | 12.0  | 5.0 7.6# |

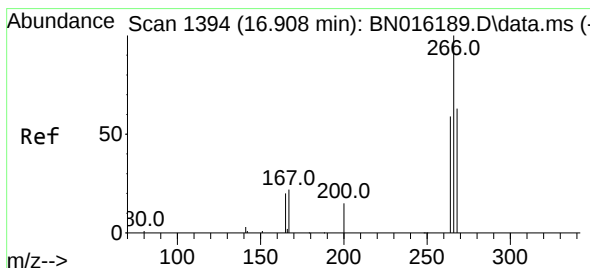
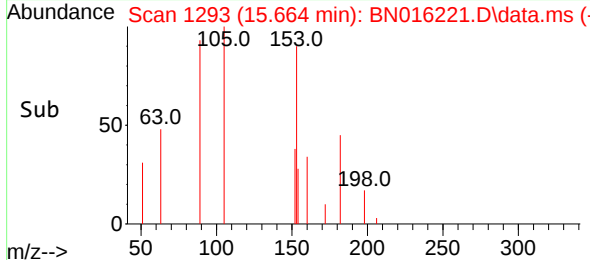
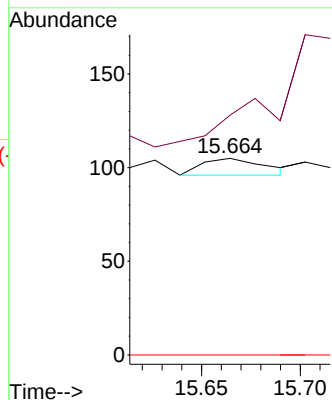
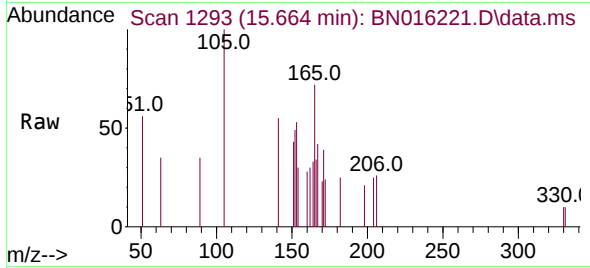




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.286 ng  
RT: 15.664 min Scan# 1293  
Delta R.T. 0.025 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

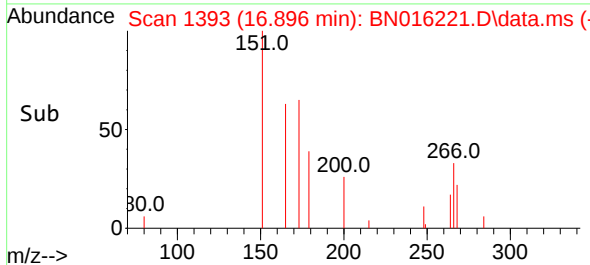
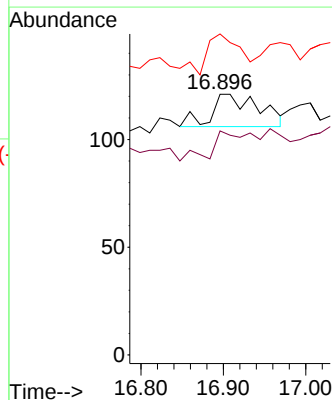
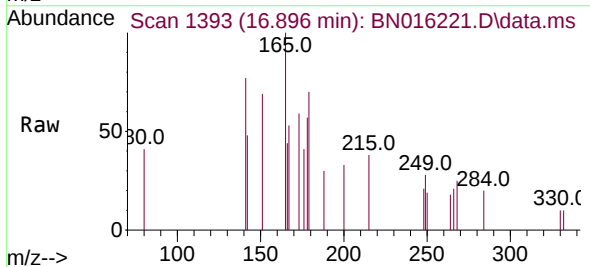
Instrument :  
BNA\_N  
ClientSampleId :  
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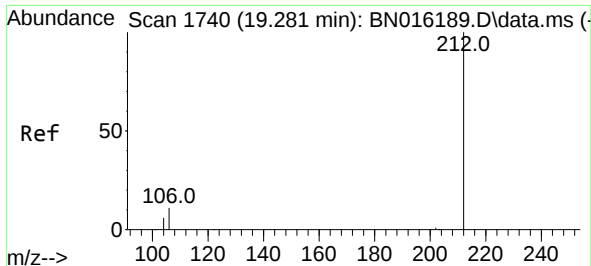
Tgt Ion:198 Resp: 20  
Ion Ratio Lower Upper  
198 100  
182 121.9 28.8 43.2#  
77 0.0 0.0 0.0



#24  
Pentachlorophenol  
Concen: 0.369 ng  
RT: 16.896 min Scan# 1393  
Delta R.T. -0.012 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

Tgt Ion:266 Resp: 61  
Ion Ratio Lower Upper  
266 100  
264 31.1 50.4 75.6#  
268 63.9 49.6 74.4

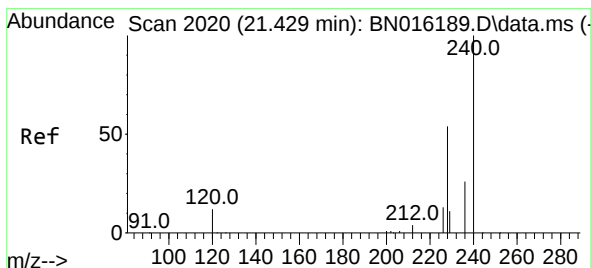
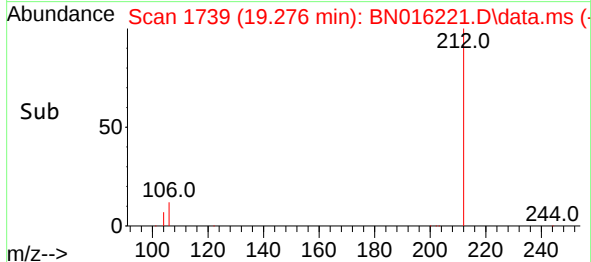
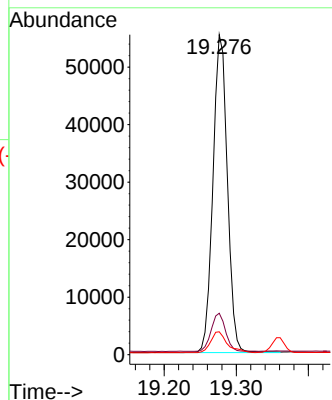
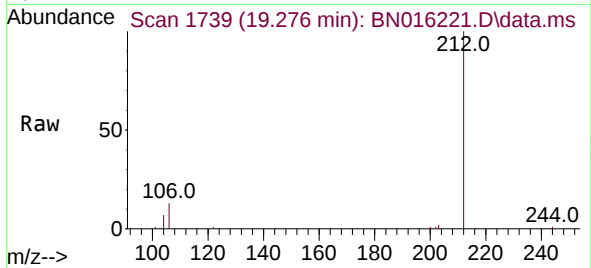




#27  
Fluoranthene-d10  
Concen: 0.255 ng  
RT: 19.276 min Scan# 1739  
Delta R.T. -0.005 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

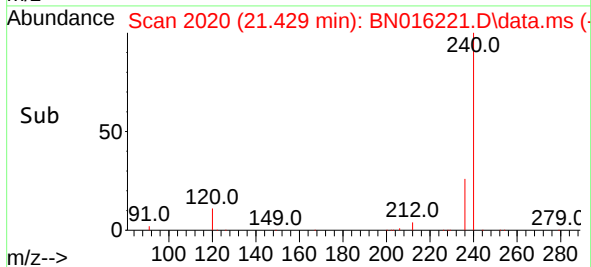
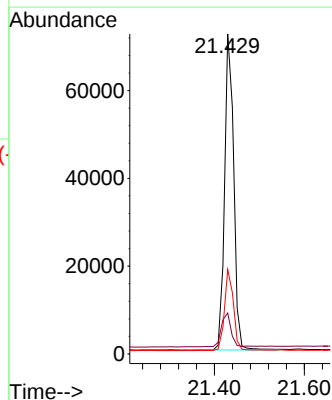
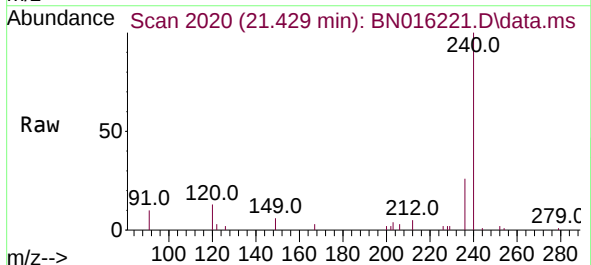
Instrument :  
BNA\_N  
ClientSampleId :  
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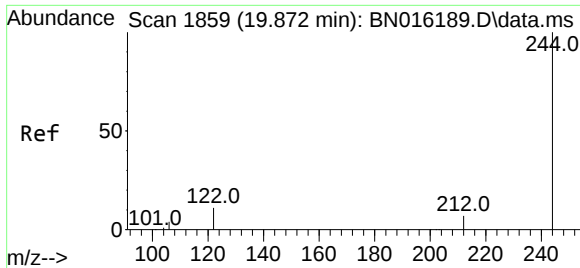
Tgt Ion:212 Resp: 76749  
Ion Ratio Lower Upper  
212 100  
106 11.9 9.7 14.5  
104 7.5 5.4 8.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.429 min Scan# 2020  
Delta R.T. 0.000 min  
Lab File: BN016221.D  
Acq: 05 Sep 2021 09:10

Tgt Ion:240 Resp: 101815  
Ion Ratio Lower Upper  
240 100  
120 12.8 10.0 15.0  
236 26.4 20.9 31.3

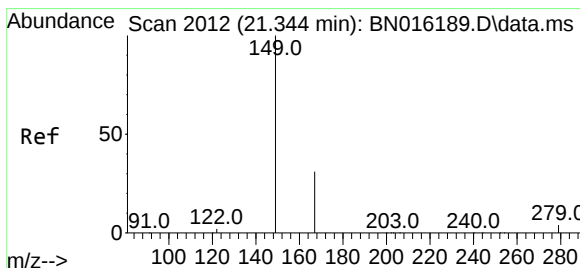
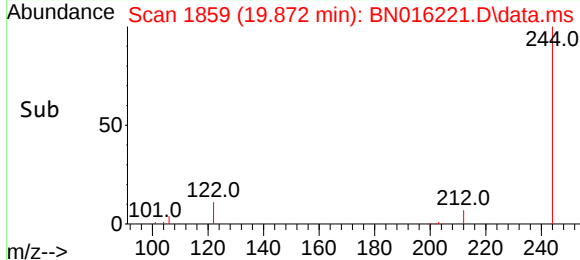
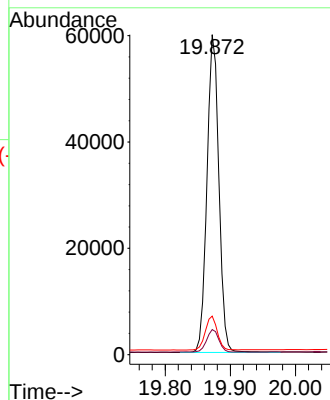
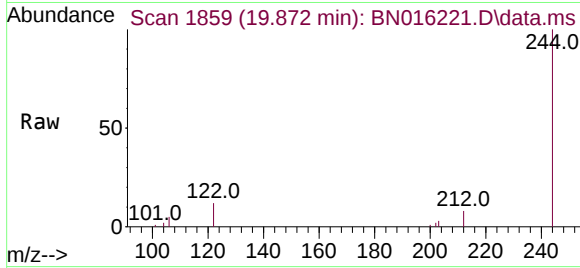




#31  
 Terphenyl-d14  
 Concen: 0.294 ng  
 RT: 19.872 min Scan# 1859  
 Delta R.T. 0.000 min  
 Lab File: BN016221.D  
 Acq: 05 Sep 2021 09:10

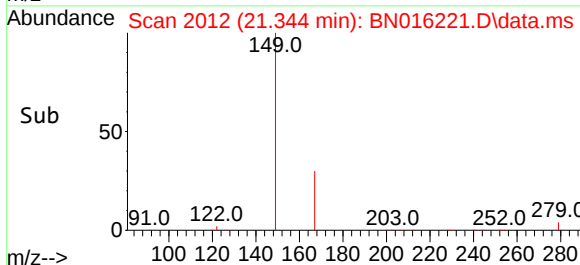
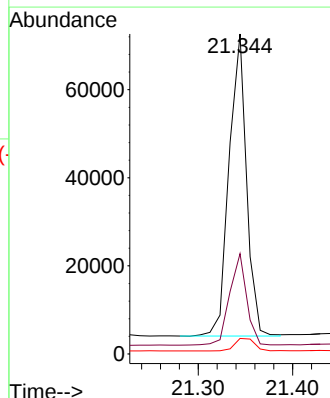
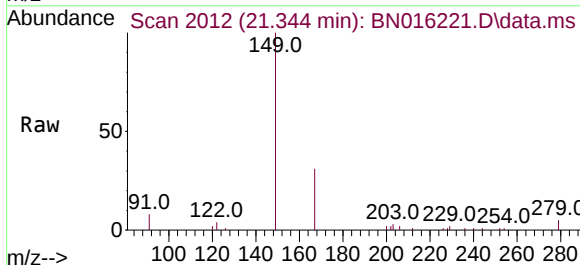
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-TT-VPB-RW7-GW-525-527

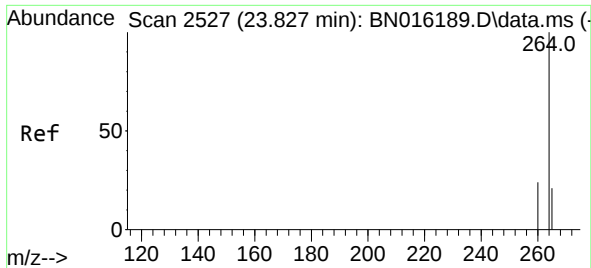
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 75718    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.9   | 5.5 8.3  |
| 122         | 12.1  | 9.0 13.4 |



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.383 ng  
 RT: 21.344 min Scan# 2012  
 Delta R.T. 0.000 min  
 Lab File: BN016221.D  
 Acq: 05 Sep 2021 09:10

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 88248     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 29.5  | 24.2 36.4 |
| 279         | 4.8   | 4.0 6.0   |





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.827 min Scan# 2527

Delta R.T. 0.000 min

Lab File: BN016221.D

Acq: 05 Sep 2021 09:10

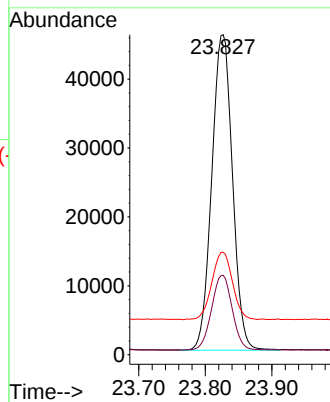
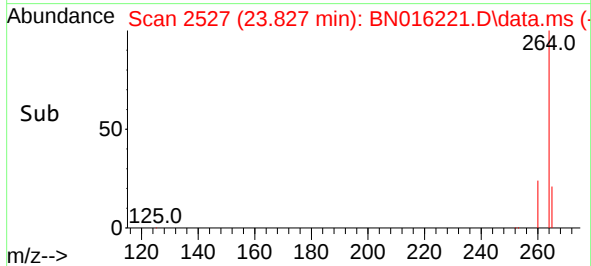
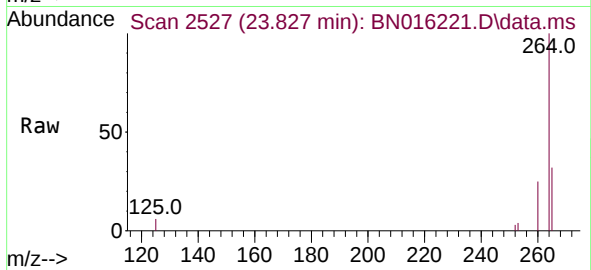
Tgt Ion:264 Resp: 98904

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 32.0 20.2 30.2#



Instrument :

BNA\_N

ClientSampleId :

BP-TT-VPB-RW7-GW-525-527