

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100421\  
 Data File : BN016751.D  
 Acq On : 05 Oct 2021 19:24  
 Operator : CG/JU  
 Sample : M3920-17  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 06 00:58:59 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 04 17:52:33 2021  
 Response via : Initial Calibration

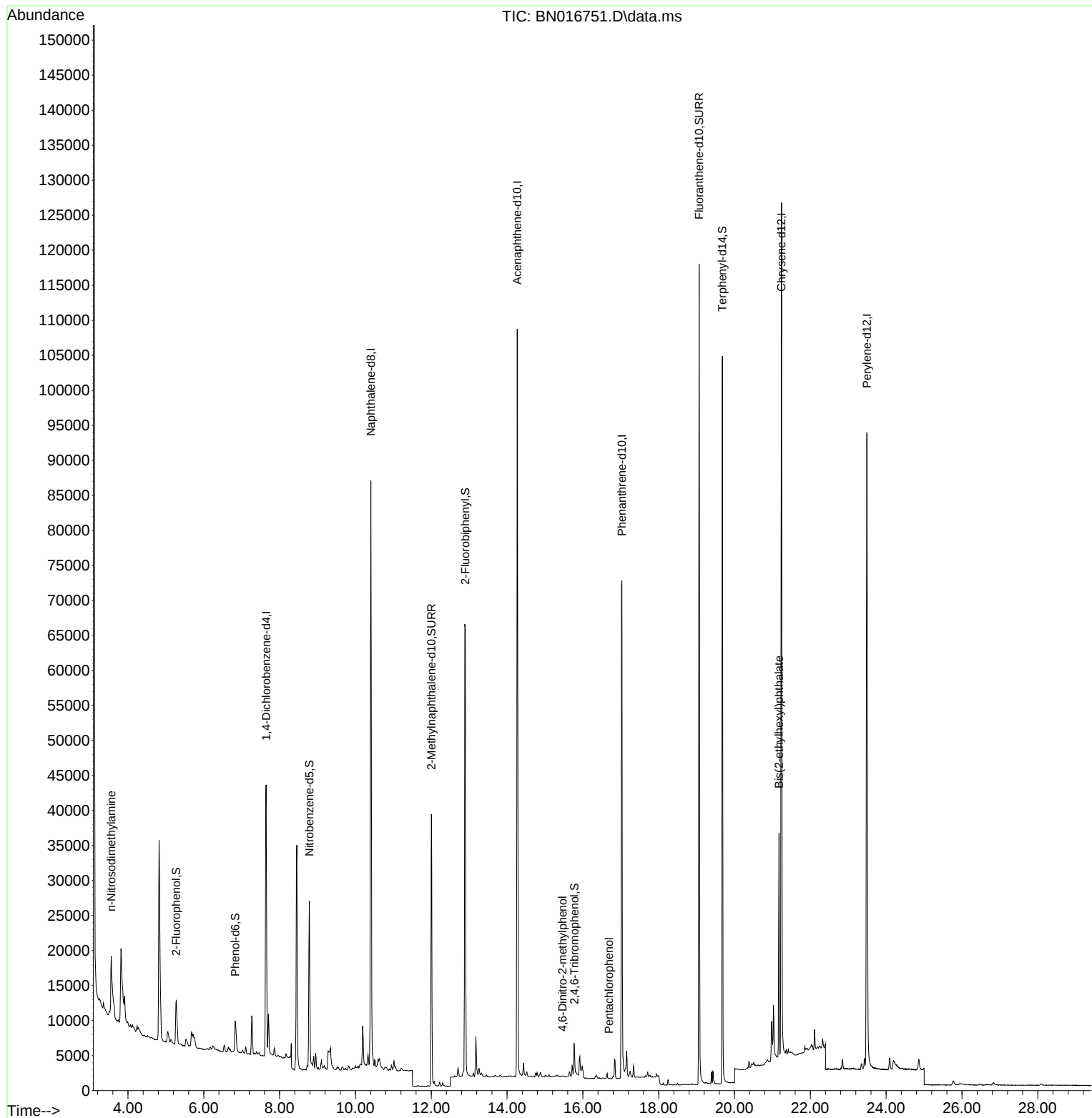
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 24513    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.406 | 136  | 111640   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.269 | 164  | 60135    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.030 | 188  | 115074   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.238 | 240  | 117661   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.491 | 264  | 124846   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.273  | 112  | 8515     | 0.136 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.831  | 99   | 5190     | 0.075 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 21882    | 0.280 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.003 | 152  | 53703    | 0.323 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.778 | 330  | 4808     | 0.255 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.898 | 172  | 67973    | 0.283 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.068 | 212  | 132320   | 0.420 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.678 | 244  | 105011   | 0.399 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.557  | 42   | 1750     | 0.095 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.461 | 198  | 9        | 0.267 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.689 | 266  | 38       | 0.339 | ng    | # 81     |
| 34) Bis(2-ethylhexyl)phtha... | 21.174 | 149  | 28544    | 0.129 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

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QLast Update : Mon Oct 04 17:52:33 2021  
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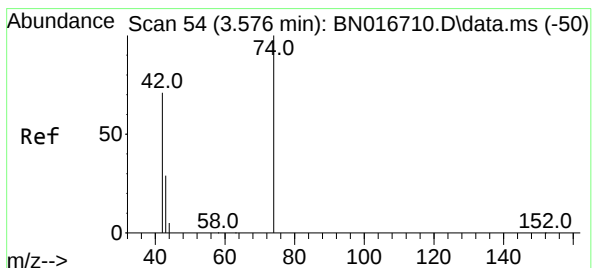
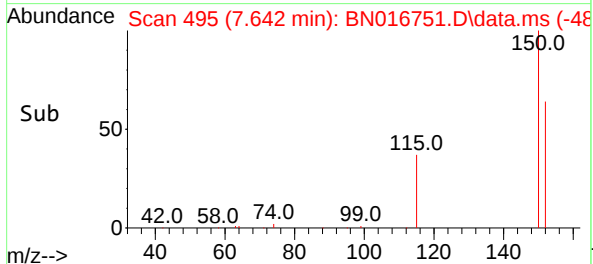
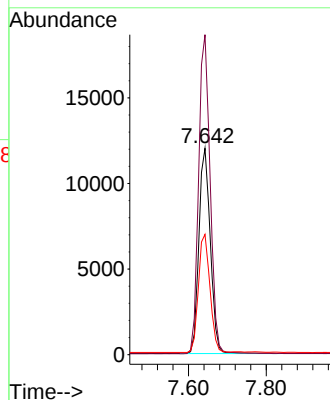
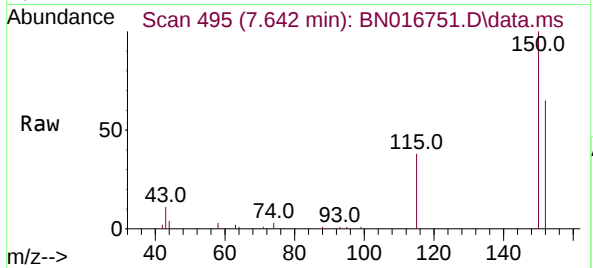




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.642 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

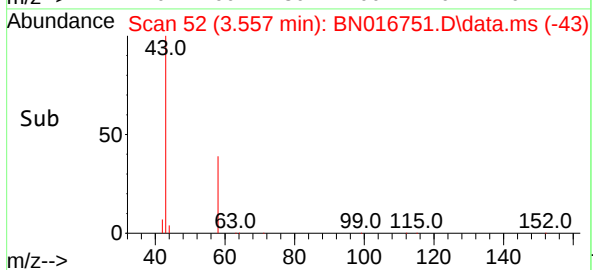
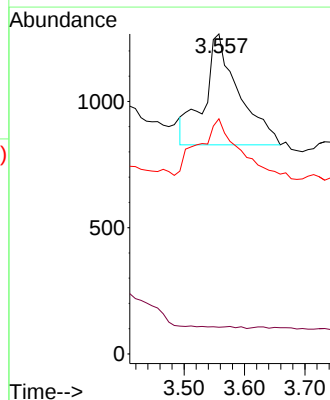
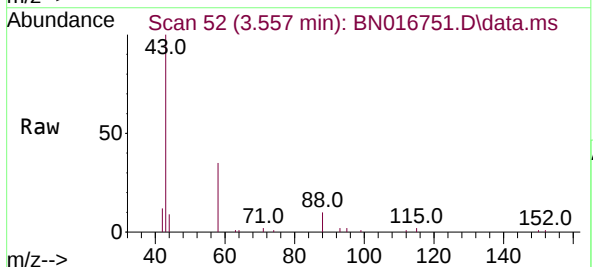
Instrument :  
BNA\_N  
ClientSampled :

Tgt Ion:152 Resp: 24513  
Ion Ratio Lower Upper  
152 100  
150 155.0 123.3 184.9  
115 58.3 47.0 70.6



#3  
n-Nitrosodimethylamine  
Concen: 0.095 ng  
RT: 3.557 min Scan# 52  
Delta R.T. -0.018 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

Tgt Ion: 42 Resp: 1750  
Ion Ratio Lower Upper  
42 100  
74 0.0 124.0 186.0#  
44 53.3 5.6 8.4#

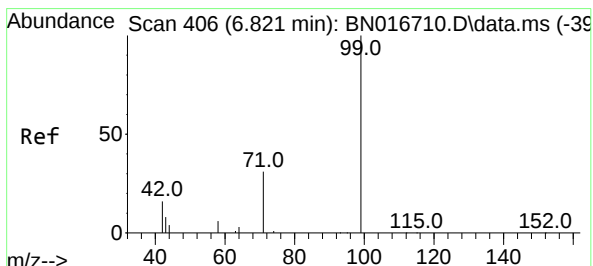
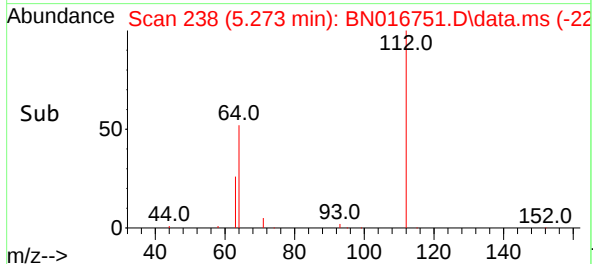
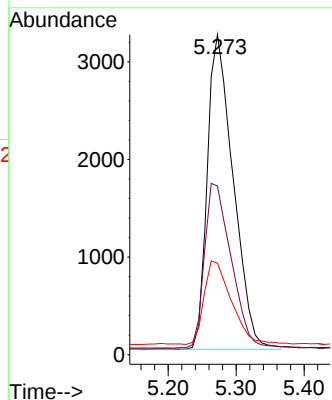
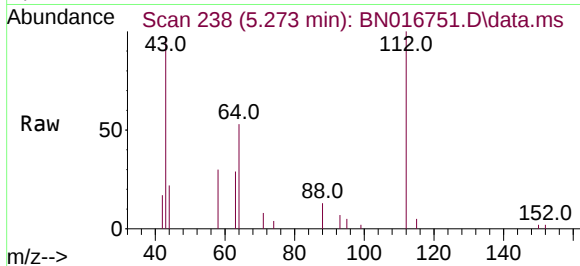




#4  
2-Fluorophenol  
Concen: 0.136 ng  
RT: 5.273 min Scan# 238  
Delta R.T. 0.019 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

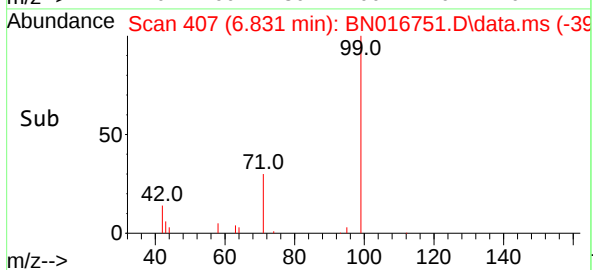
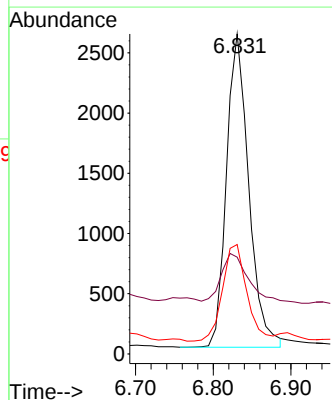
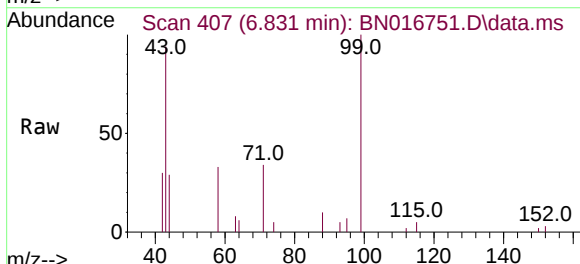
Instrument :  
BNA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 8515  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 54.1  | 42.9  | 64.3  |
| 63       | 27.6  | 21.5  | 32.3  |



#5  
Phenol-d6  
Concen: 0.075 ng  
RT: 6.831 min Scan# 407  
Delta R.T. 0.009 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 5190  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 17.6  | 13.4  | 20.2  |
| 71       | 33.8  | 24.0  | 36.0  |

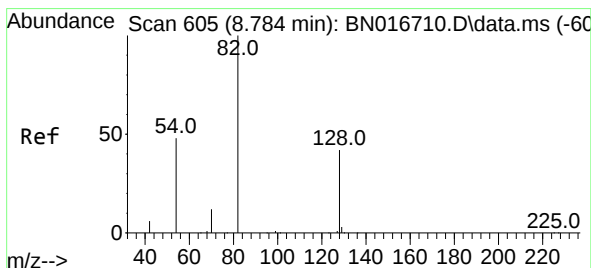
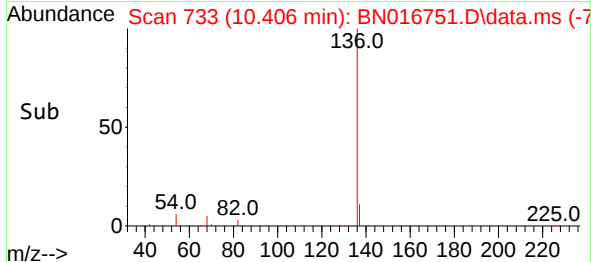
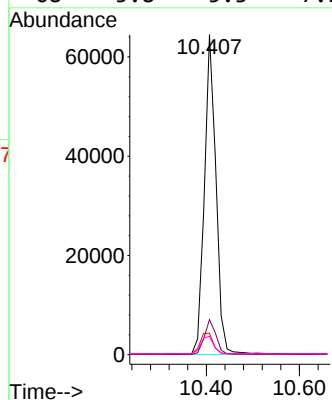
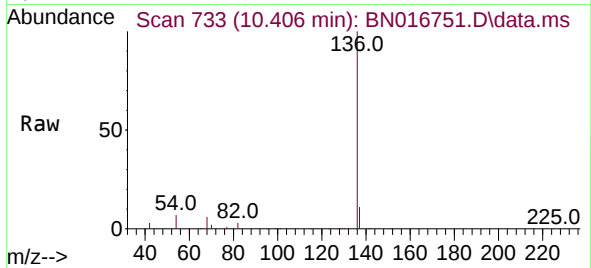




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.406 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

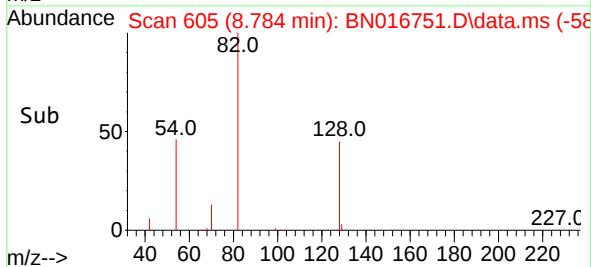
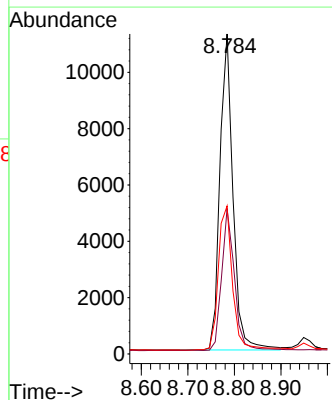
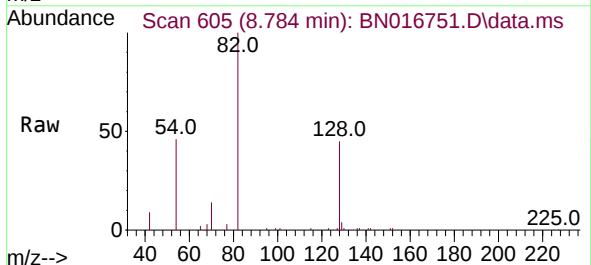
Instrument :  
BNA\_N  
ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 111640 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.9   | 13.3   |
| 54        | 6.7   | 6.5   | 9.7    |
| 68        | 5.8   | 5.3   | 7.9    |



#8  
Nitrobenzene-d5  
Concen: 0.280 ng  
RT: 8.784 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 21882 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 45.4  | 33.8  | 50.6  |
| 54        | 46.2  | 38.5  | 57.7  |

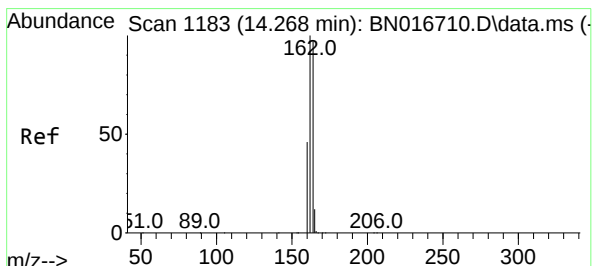
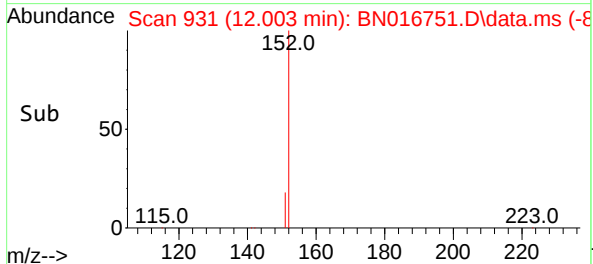
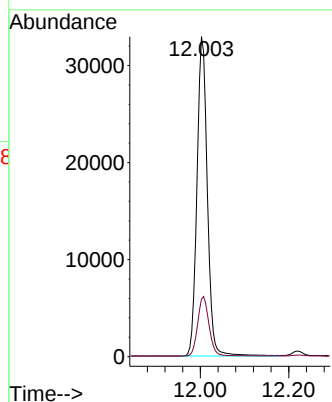
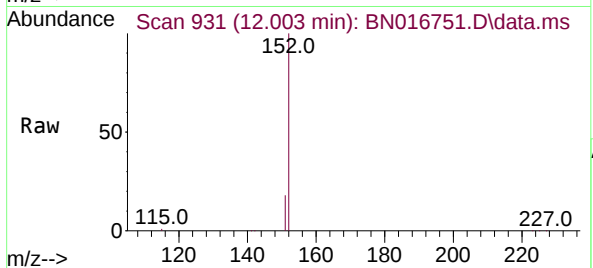




#11  
2-Methylnaphthalene-d10  
Concen: 0.323 ng  
RT: 12.003 min Scan# 931  
Delta R.T. -0.004 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

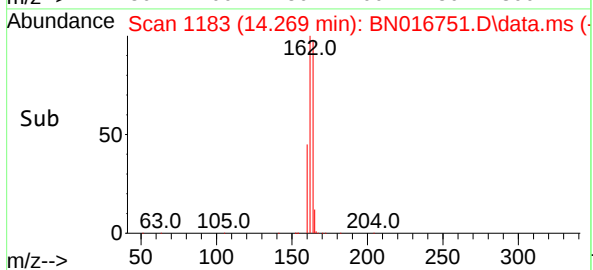
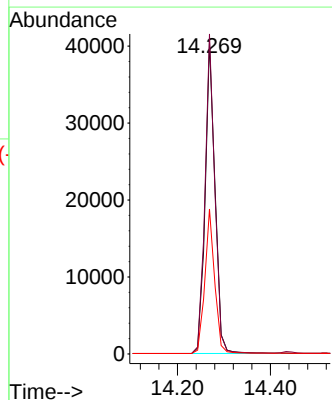
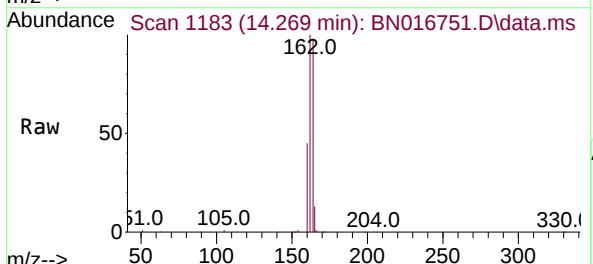
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 53703  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.269 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

Tgt Ion:164 Resp: 60135  
Ion Ratio Lower Upper  
164 100  
162 102.5 82.6 124.0  
160 46.4 38.2 57.2

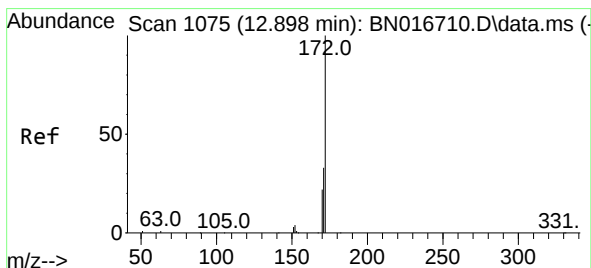
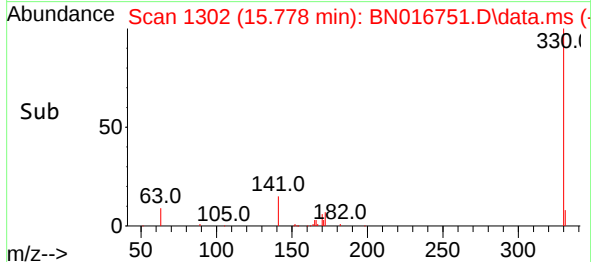
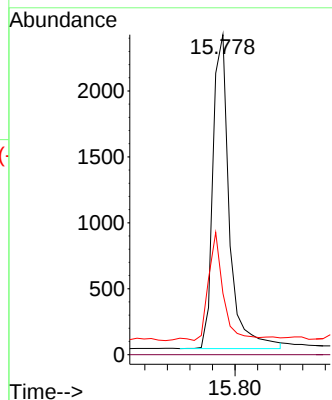
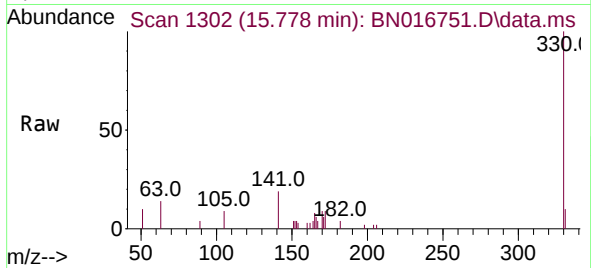




#14  
2,4,6-Tribromophenol  
Concen: 0.255 ng  
RT: 15.778 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

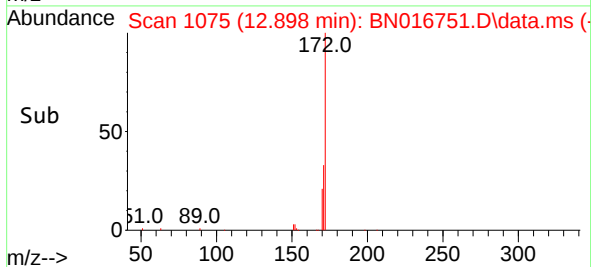
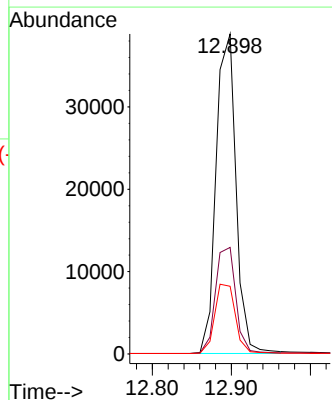
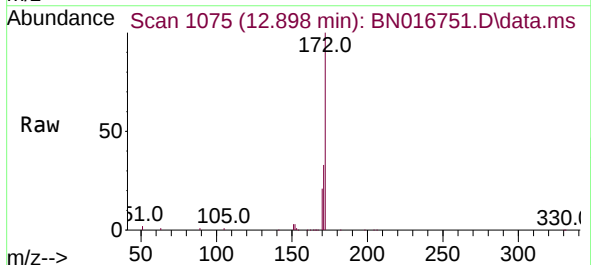
Instrument :  
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ClientSampleId :

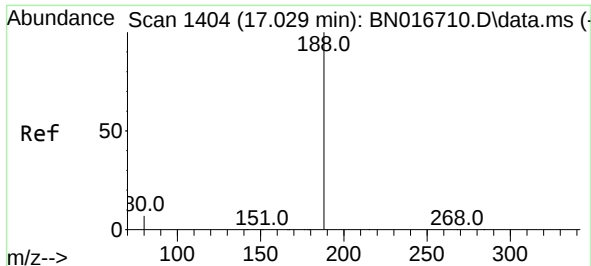
Tgt Ion:330 Resp: 4808  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 31.7 24.2 36.2



#15  
2-Fluorobiphenyl  
Concen: 0.283 ng  
RT: 12.898 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

Tgt Ion:172 Resp: 67973  
Ion Ratio Lower Upper  
172 100  
171 33.3 26.9 40.3  
170 21.2 17.4 26.0

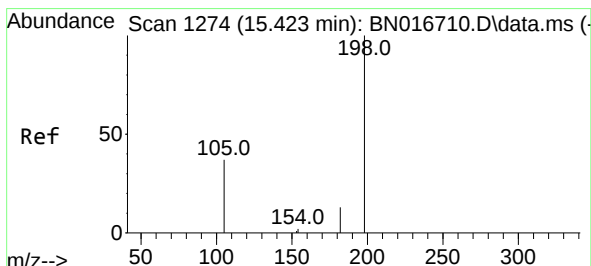
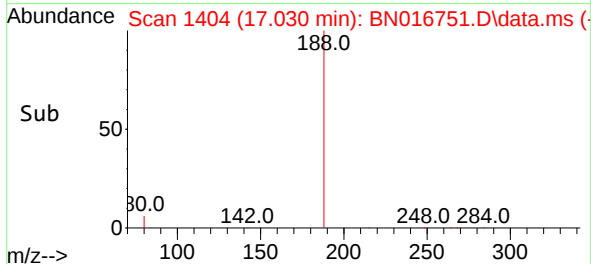
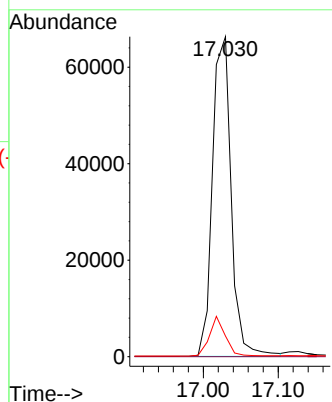
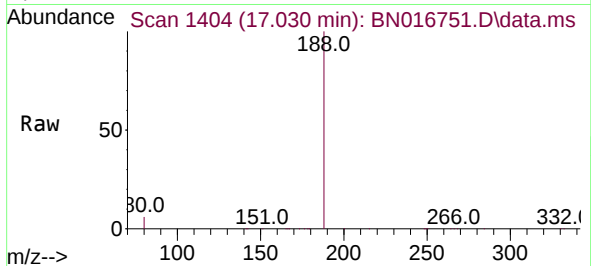




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.030 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

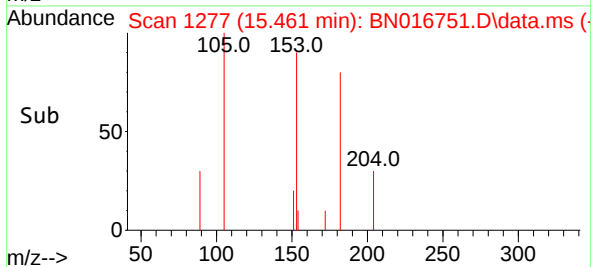
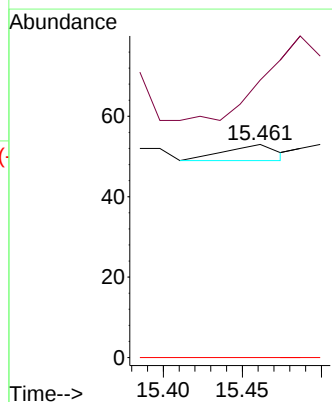
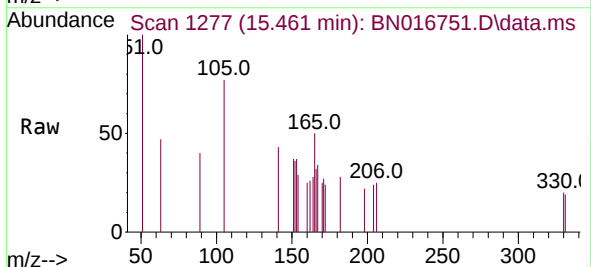
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BNA\_N  
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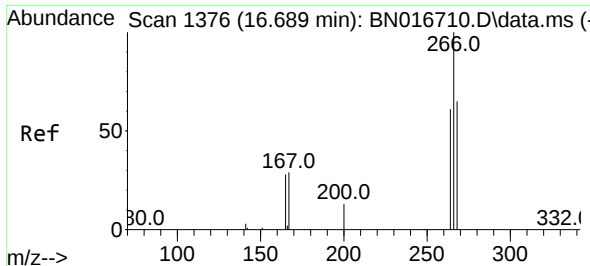
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.5 5.8 8.8



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.267 ng  
RT: 15.461 min Scan# 1277  
Delta R.T. 0.038 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

Tgt Ion:198 Resp: 9  
Ion Ratio Lower Upper  
198 100  
182 130.2 26.2 39.2#  
77 0.0 0.0 0.0

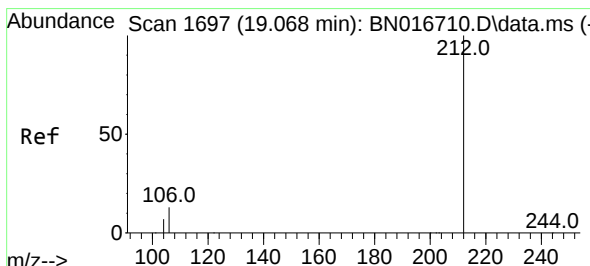
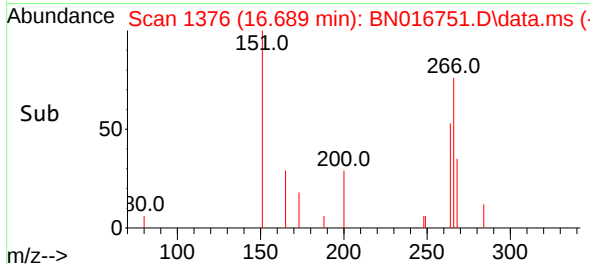
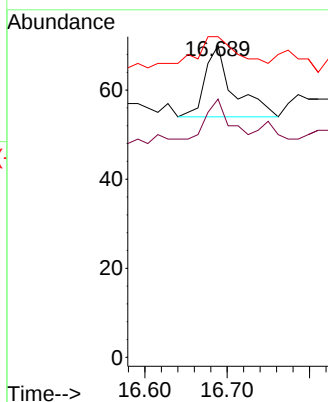
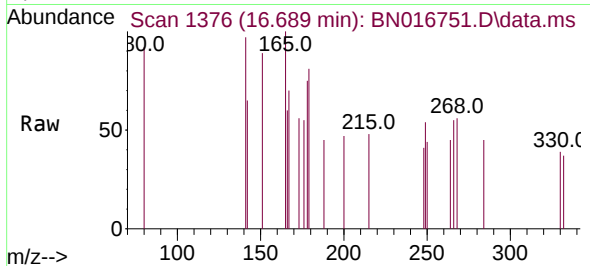




#24  
 Pentachlorophenol  
 Concen: 0.339 ng  
 RT: 16.689 min Scan# 1376  
 Delta R.T. -0.000 min  
 Lab File: BN016751.D  
 Acq: 05 Oct 2021 19:24

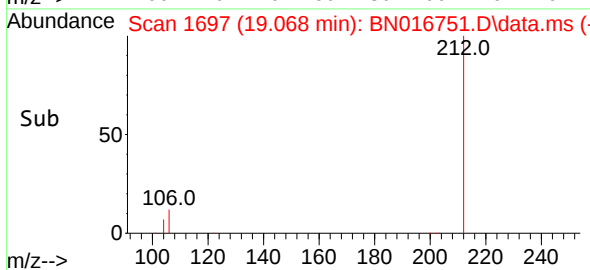
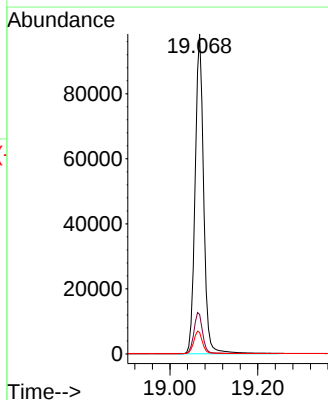
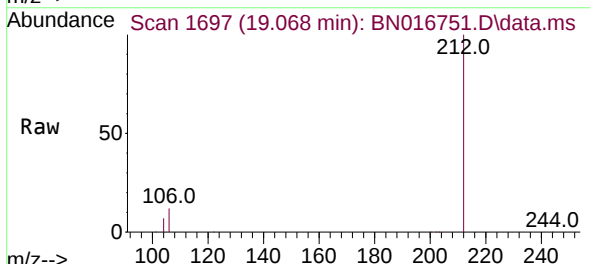
Instrument :  
 BNA\_N  
 ClientSampleId :

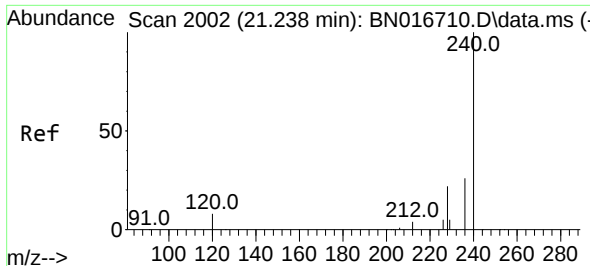
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|-------------|-------|------------|
| Tgt Ion:266 | Resp: | 38         |
| Ion Ratio   | Lower | Upper      |
| 266         | 100   |            |
| 264         | 44.7  | 49.3 73.9# |
| 268         | 52.6  | 51.8 77.8  |



#27  
 Fluoranthene-d10  
 Concen: 0.420 ng  
 RT: 19.068 min Scan# 1697  
 Delta R.T. 0.000 min  
 Lab File: BN016751.D  
 Acq: 05 Oct 2021 19:24

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:212 | Resp: | 132320    |
| Ion Ratio   | Lower | Upper     |
| 212         | 100   |           |
| 106         | 13.2  | 10.6 16.0 |
| 104         | 7.2   | 5.8 8.8   |

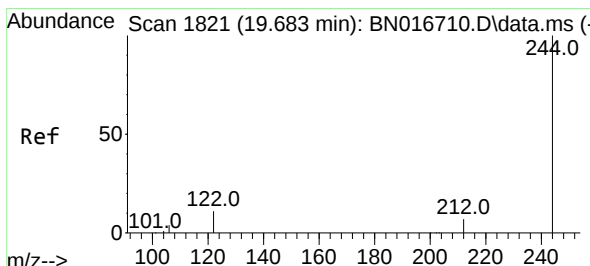
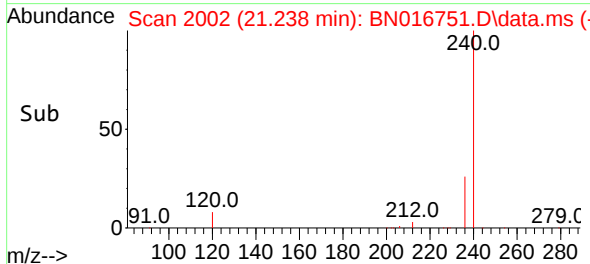
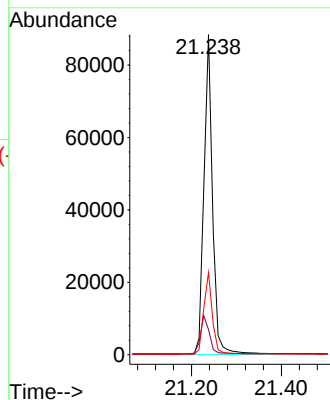
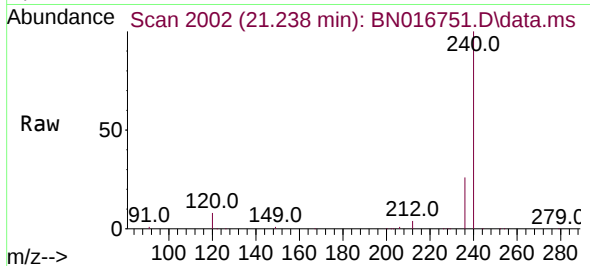




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.238 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

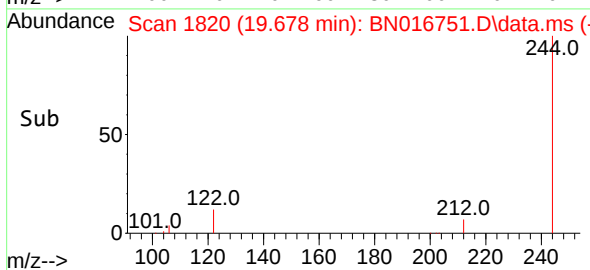
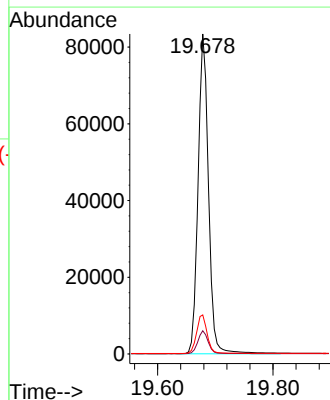
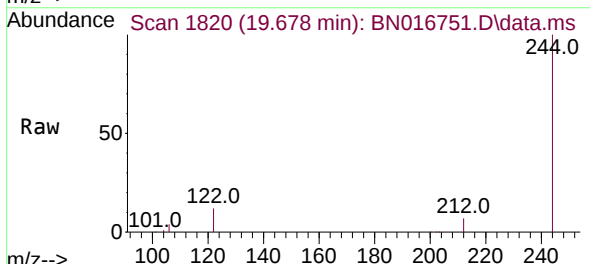
Instrument :  
BNA\_N  
ClientSampleId :

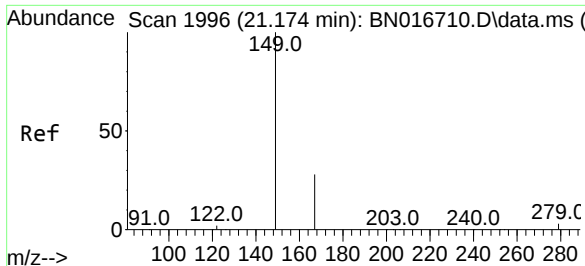
Tgt Ion:240 Resp: 117661  
Ion Ratio Lower Upper  
240 100  
120 7.8 6.6 10.0  
236 25.7 20.7 31.1



#31  
Terphenyl-d14  
Concen: 0.399 ng  
RT: 19.678 min Scan# 1820  
Delta R.T. -0.005 min  
Lab File: BN016751.D  
Acq: 05 Oct 2021 19:24

Tgt Ion:244 Resp: 105011  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.8 8.6  
122 12.2 8.9 13.3

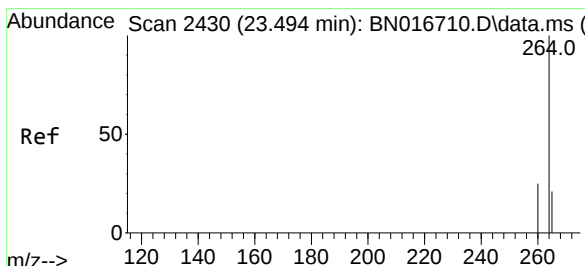
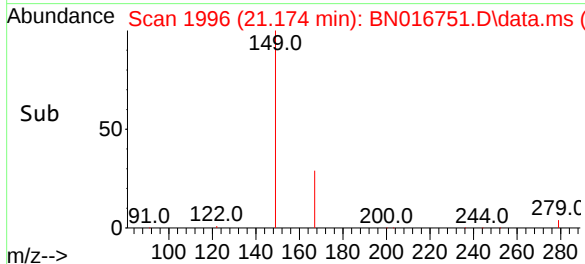
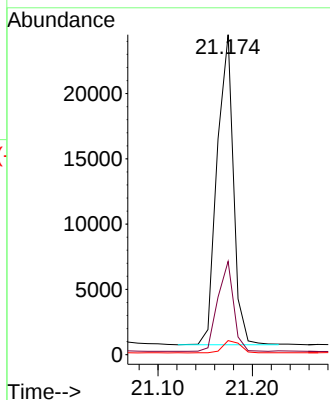
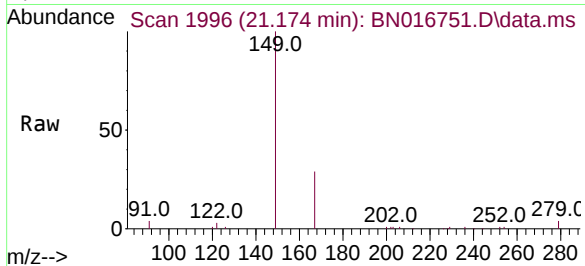




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.129 ng  
 RT: 21.174 min Scan# 1996  
 Delta R.T. 0.000 min  
 Lab File: BN016751.D  
 Acq: 05 Oct 2021 19:24

Instrument :  
 BNA\_N  
 ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 28544     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 28.0  | 22.2 33.4 |
| 279         | 4.4   | 3.4 5.2   |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.491 min Scan# 2429  
 Delta R.T. -0.003 min  
 Lab File: BN016751.D  
 Acq: 05 Oct 2021 19:24

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 124846    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 24.5  | 19.8 29.6 |
| 265         | 23.3  | 20.3 30.5 |

