

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN063021\  
 Data File : BN015243.D  
 Acq On : 01 Jul 2021 03:40  
 Operator : CG/JU  
 Sample : M2783-10DL 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D2-20210618DL

Quant Time: Jul 01 04:51:09 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 30 15:55:37 2021  
 Response via : Initial Calibration

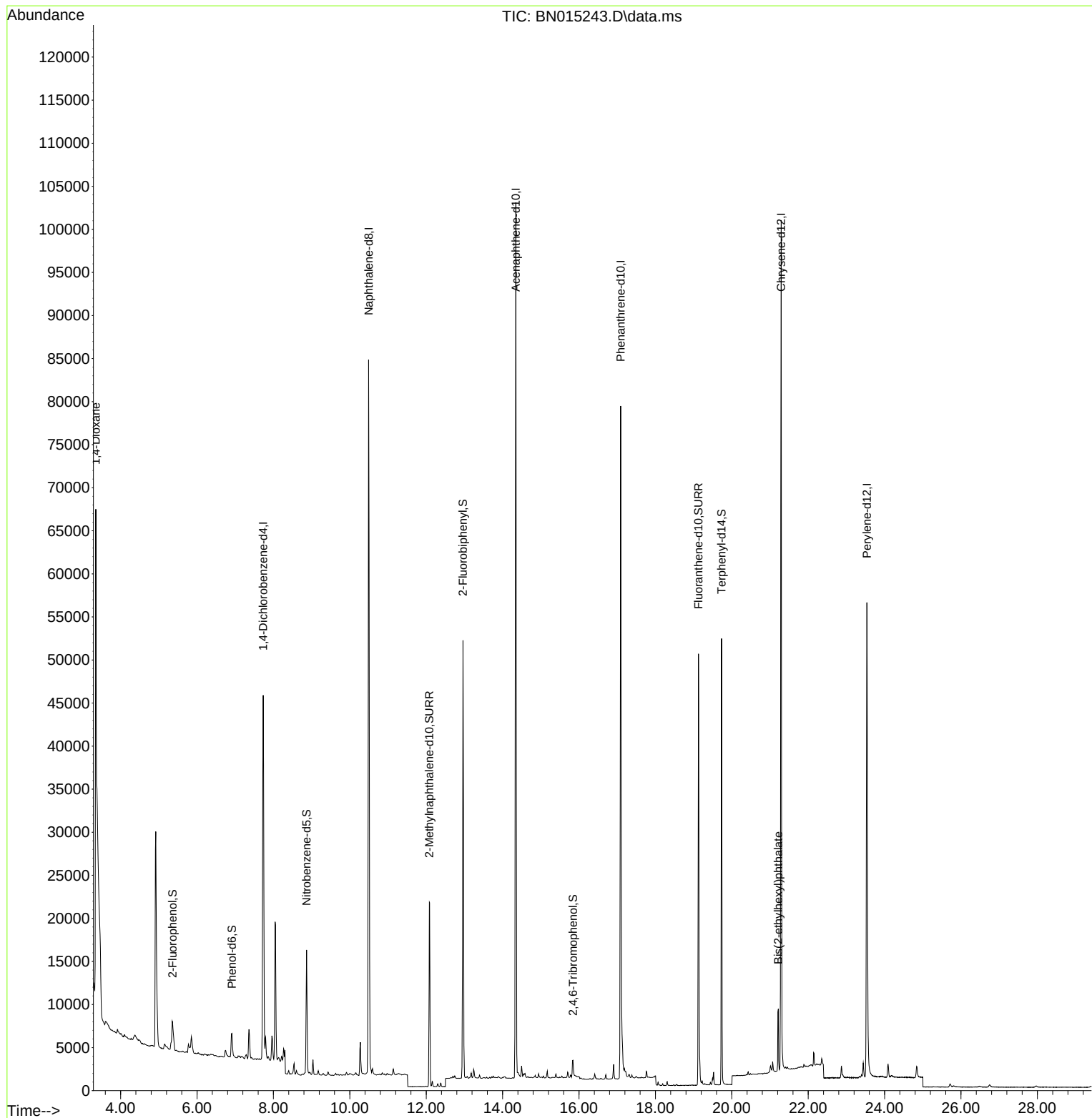
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.732  | 152  | 24765    | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.493 | 136  | 112820   | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.346 | 164  | 57920    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.092 | 188  | 112666   | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.292 | 240  | 92540    | 0.40 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.537 | 264  | 77410    | 0.40 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.362  | 112  | 4603     | 0.07 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.911  | 99   | 3124     | 0.04 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 12281    | 0.19 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.084 | 152  | 29097    | 0.16 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.843 | 330  | 2218     | 0.14 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 43824    | 0.19 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.128 | 212  | 57231    | 0.17 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.734 | 244  | 50746    | 0.23 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 2) 1,4-Dioxane                | 3.352  | 88   | 79652    | 6.86 | ng    | # 69     |
| 34) Bis(2-ethylhexyl)phtha... | 21.218 | 149  | 7921     | 0.08 | ng    | # 87     |

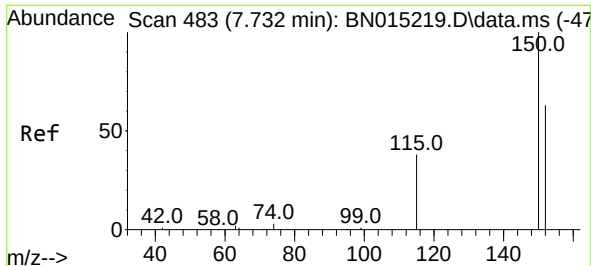
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN063021\  
Data File : BN015243.D  
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Sample : M2783-10DL 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

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RE132D2-20210618DL

Quant Time: Jul 01 04:51:09 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 30 15:55:37 2021  
Response via : Initial Calibration

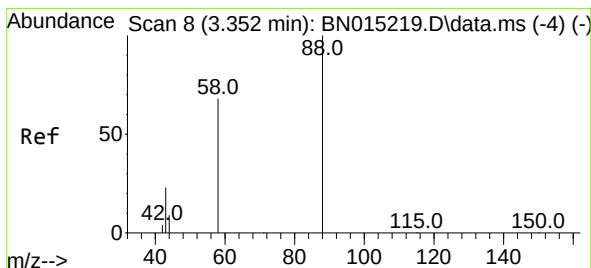
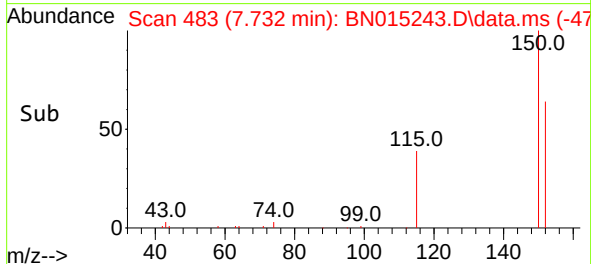
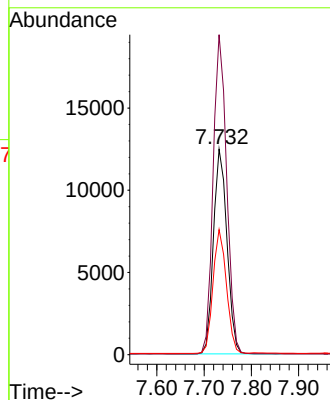
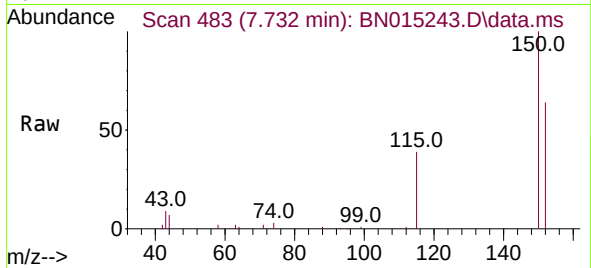




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.732 min Scan# 483  
 Delta R.T. -0.000 min  
 Lab File: BN015243.D  
 Acq: 01 Jul 2021 03:40

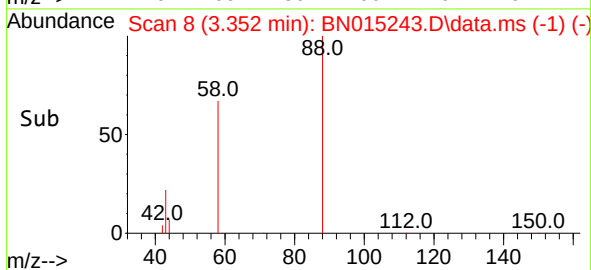
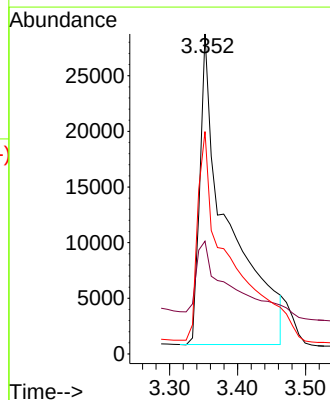
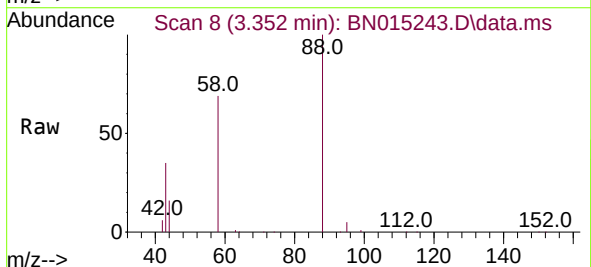
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 ClientSampleId :  
 RE132D2-20210618DL

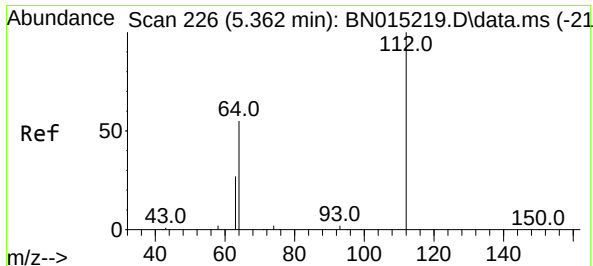
Tgt Ion: 152 Resp: 24765  
 Ion Ratio Lower Upper  
 152 100  
 150 155.6 119.0 178.6  
 115 60.8 62.2 93.4#



#2  
 1,4-Dioxane  
 Concen: 6.86 ng  
 RT: 3.352 min Scan# 8  
 Delta R.T. 0.000 min  
 Lab File: BN015243.D  
 Acq: 01 Jul 2021 03:40

Tgt Ion: 88 Resp: 79652  
 Ion Ratio Lower Upper  
 88 100  
 43 23.1 12.9 19.3#  
 58 71.6 38.1 57.1#

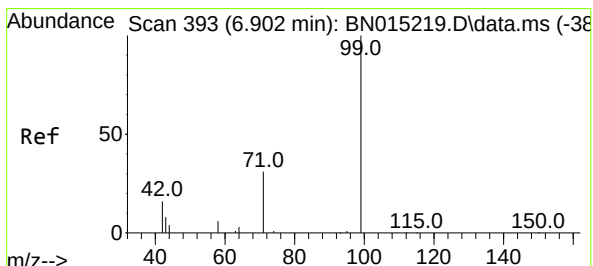
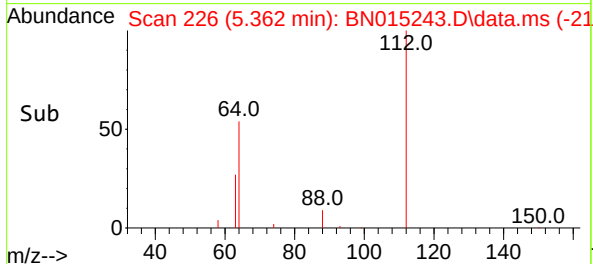
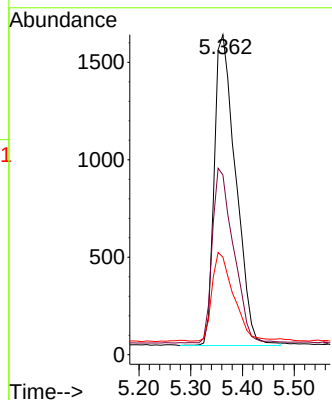
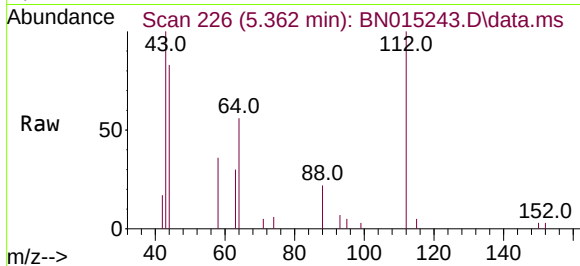




#4  
2-Fluorophenol  
Concen: 0.07 ng  
RT: 5.362 min Scan# 226  
Delta R.T. 0.000 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

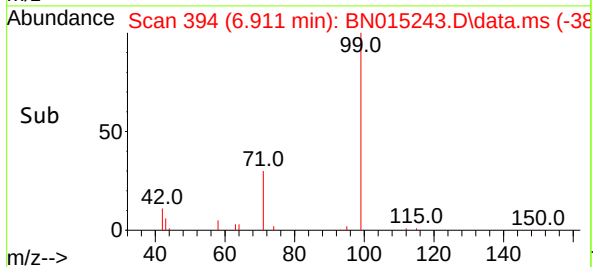
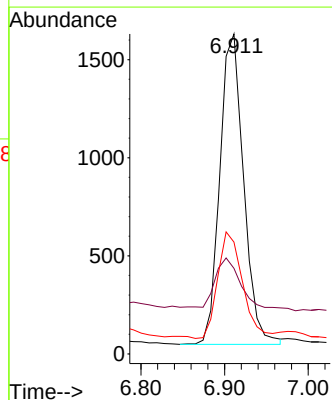
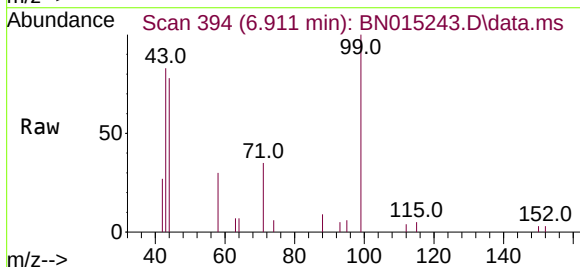
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ClientSampleId :  
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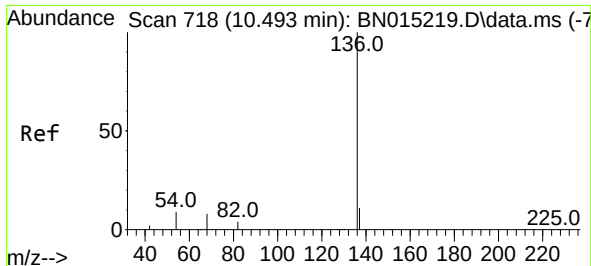
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 4603  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 55.4  | 39.0  | 58.6  |
| 63       | 28.6  | 20.6  | 30.8  |



#5  
Phenol-d6  
Concen: 0.04 ng  
RT: 6.911 min Scan# 394  
Delta R.T. 0.009 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 3124  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 16.1  | 8.9   | 13.3# |
| 71       | 35.9  | 35.6  | 53.4  |

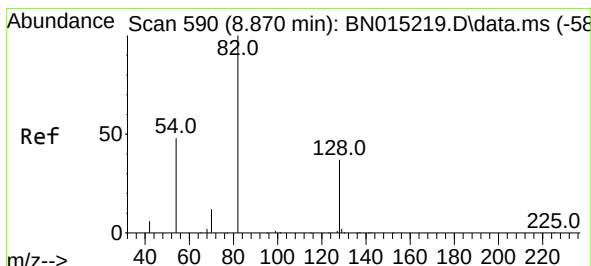
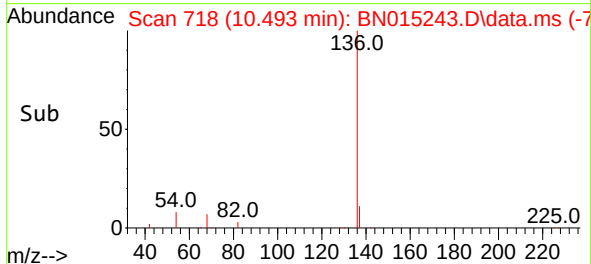
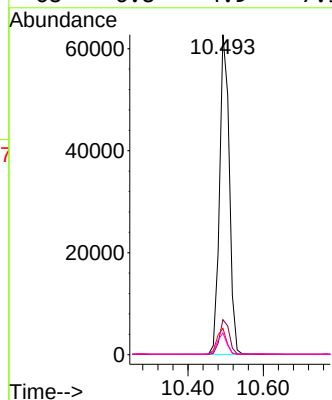
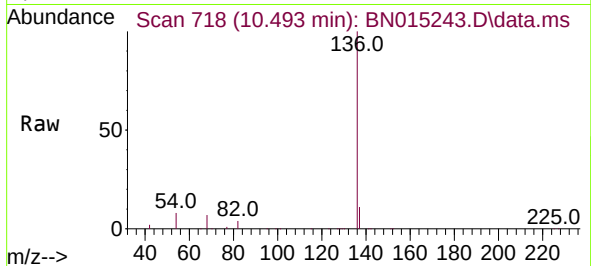




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.493 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

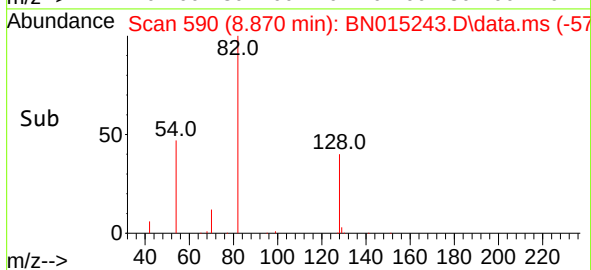
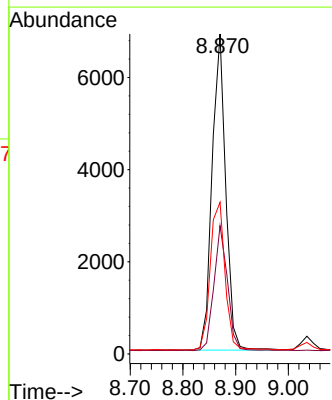
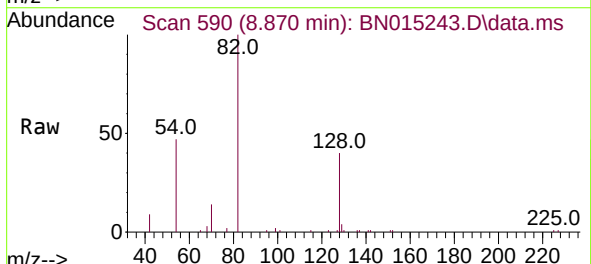
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BNA\_N  
ClientSampleId :  
RE132D2-20210618DL

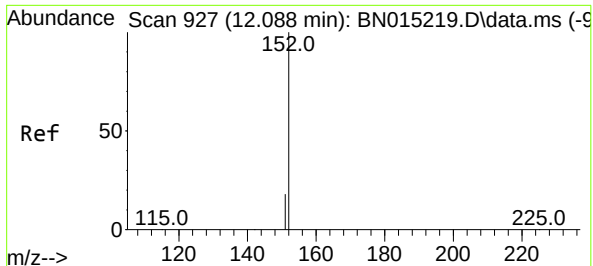
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 112820   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 9.8 14.8 |
| 54          | 8.2   | 5.4 8.2# |
| 68          | 6.8   | 4.9 7.3  |



#8  
Nitrobenzene-d5  
Concen: 0.19 ng  
RT: 8.870 min Scan# 590  
Delta R.T. 0.000 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 12281      |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 40.1  | 31.6 47.4  |
| 54          | 47.4  | 29.0 43.4# |

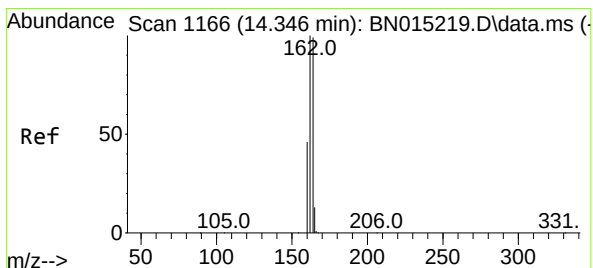
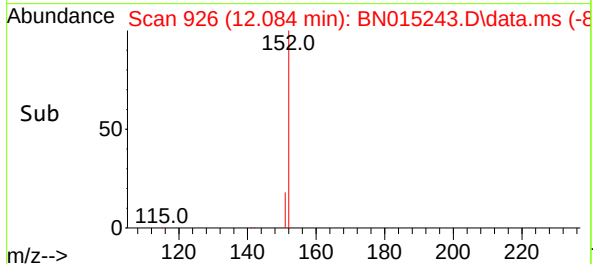
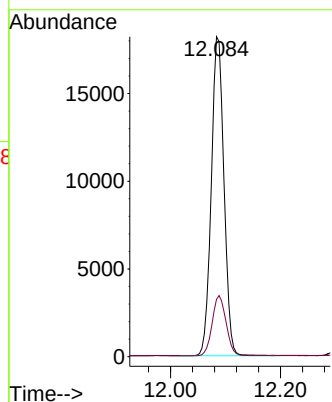
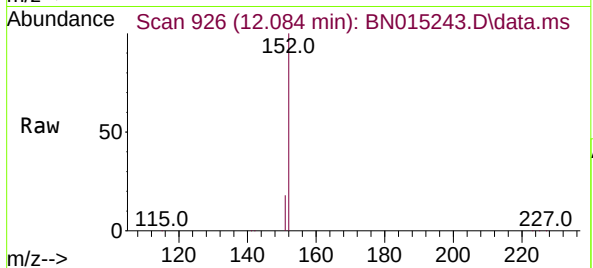




#11  
2-Methylnaphthalene-d10  
Concen: 0.16 ng  
RT: 12.084 min Scan# 926  
Delta R.T. -0.004 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

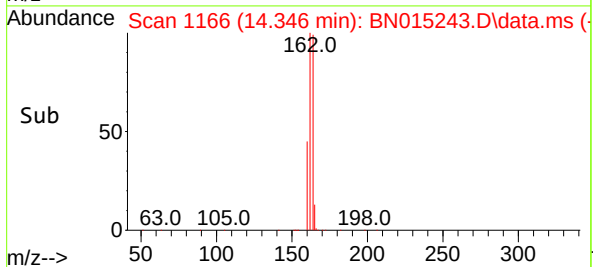
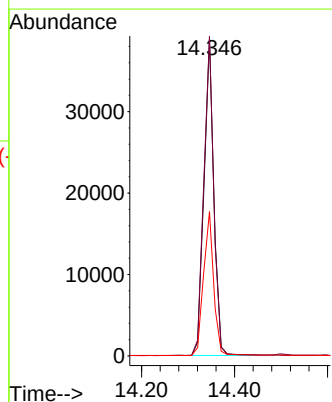
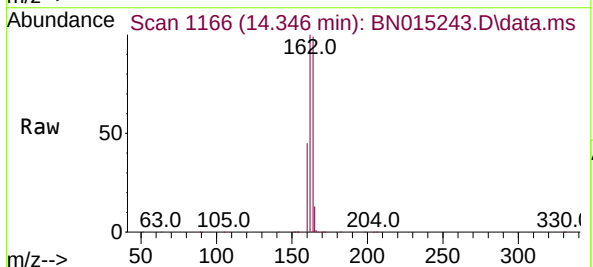
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D2-20210618DL

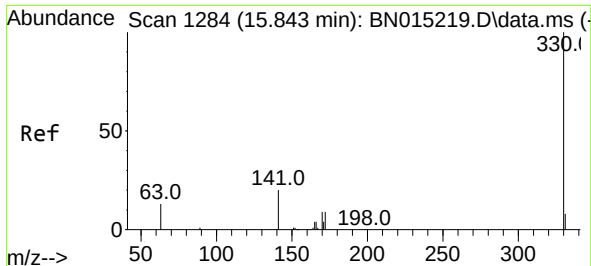
Tgt Ion:152 Resp: 29097  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.346 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

Tgt Ion:164 Resp: 57920  
Ion Ratio Lower Upper  
164 100  
162 100.6 83.8 125.6  
160 45.4 37.4 56.0

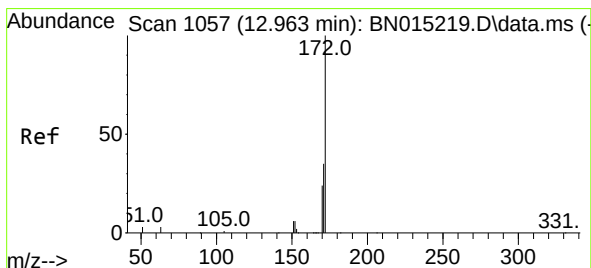
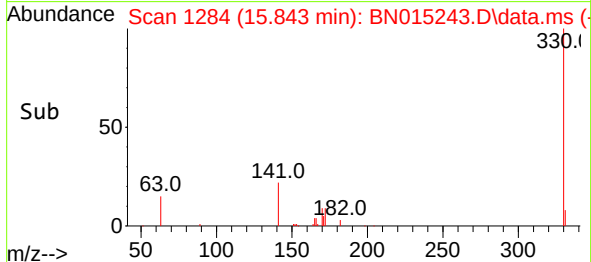
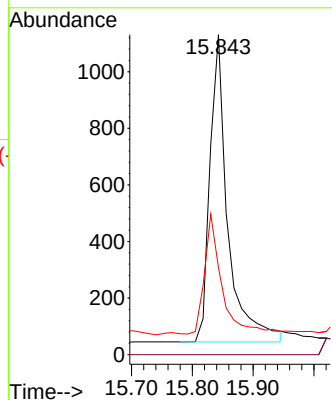
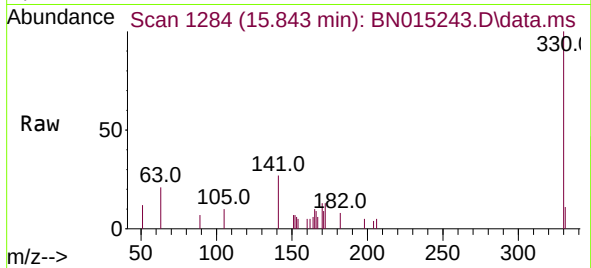




#14  
 2,4,6-Tribromophenol  
 Concen: 0.14 ng  
 RT: 15.843 min Scan# 1284  
 Delta R.T. 0.000 min  
 Lab File: BN015243.D  
 Acq: 01 Jul 2021 03:40

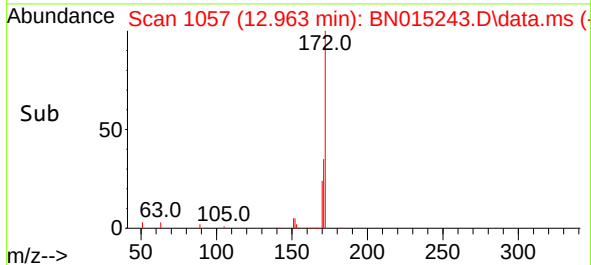
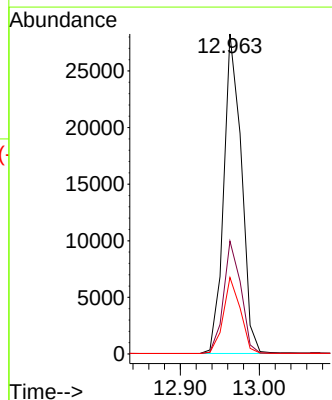
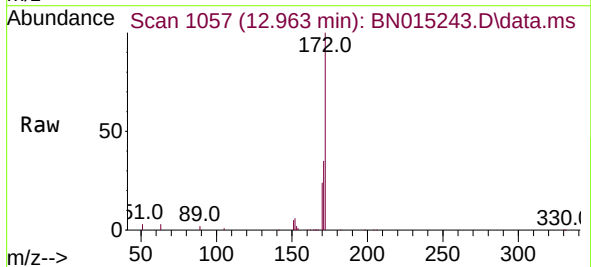
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D2-20210618DL

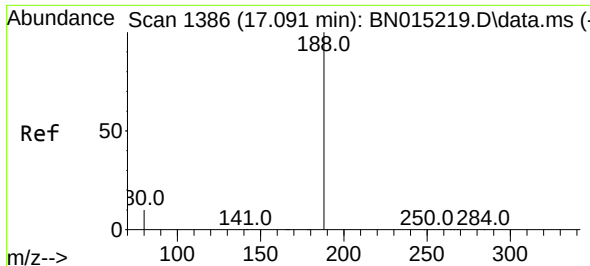
Tgt Ion: 330 Resp: 2218  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 37.7 22.4 33.6#



#15  
 2-Fluorobiphenyl  
 Concen: 0.19 ng  
 RT: 12.963 min Scan# 1057  
 Delta R.T. 0.000 min  
 Lab File: BN015243.D  
 Acq: 01 Jul 2021 03:40

Tgt Ion: 172 Resp: 43824  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 30.6 45.8  
 170 23.9 20.2 30.4

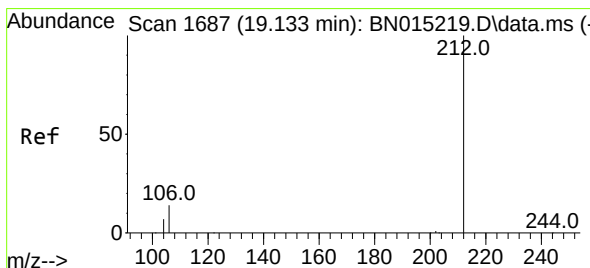
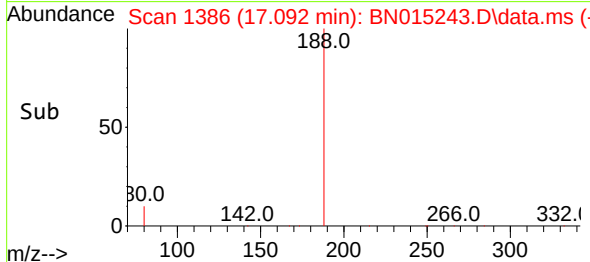
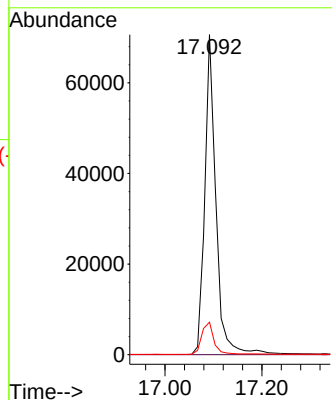
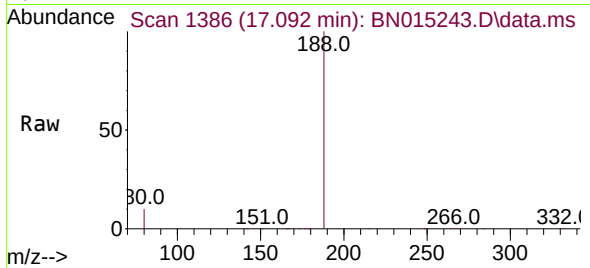




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.092 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

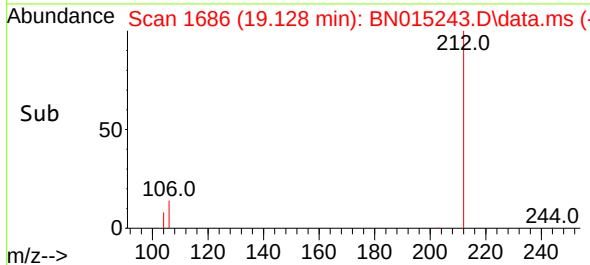
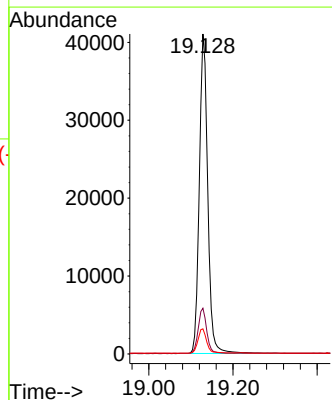
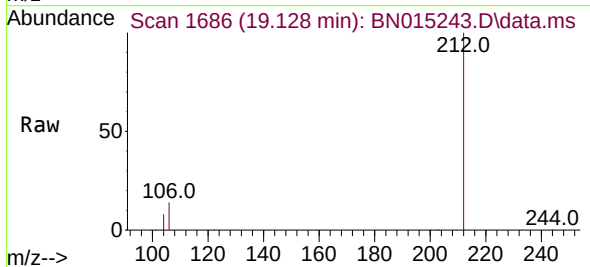
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D2-20210618DL

Tgt Ion:188 Resp: 112666  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.2 9.0 13.4

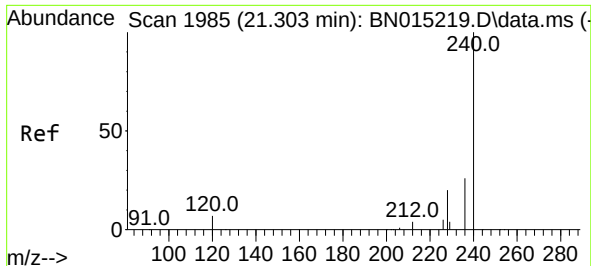


#27  
Fluoranthene-d10  
Concen: 0.17 ng  
RT: 19.128 min Scan# 1686  
Delta R.T. -0.005 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

Tgt Ion:212 Resp: 57231  
Ion Ratio Lower Upper  
212 100  
106 14.2 7.0 10.6#  
104 7.9 4.1 6.1#



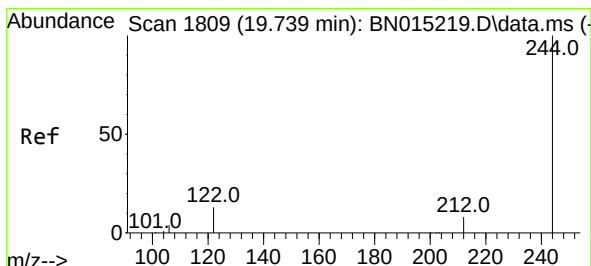
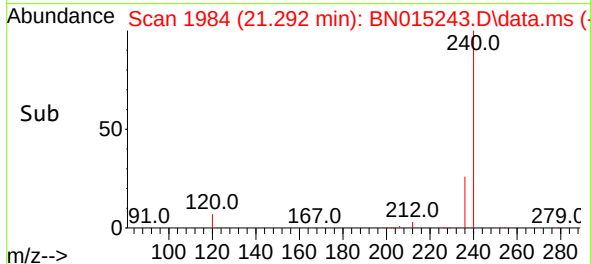
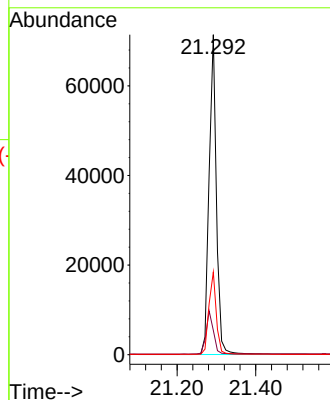
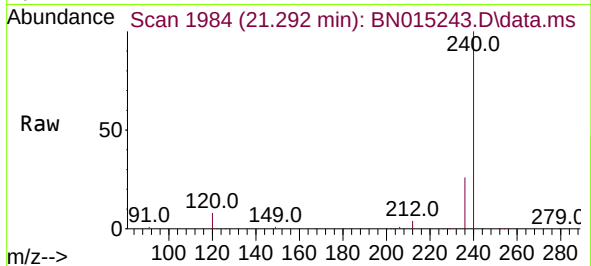




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.292 min Scan# 1984  
Delta R.T. -0.011 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

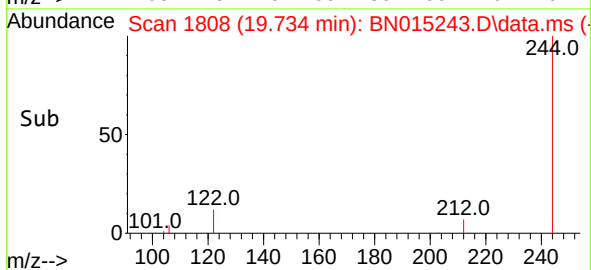
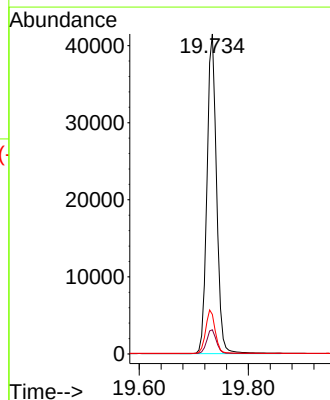
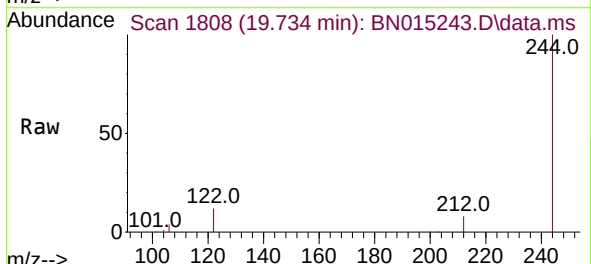
Instrument :  
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ClientSampleId :  
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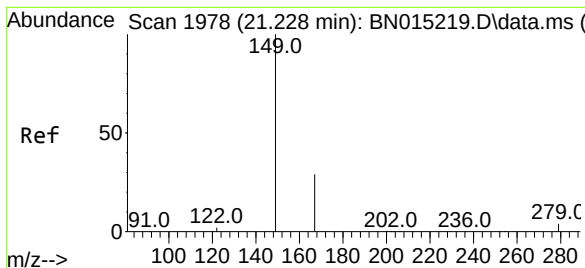
Tgt Ion:240 Resp: 92540  
Ion Ratio Lower Upper  
240 100  
120 7.6 4.2 6.4#  
236 25.8 21.4 32.2



#31  
Terphenyl-d14  
Concen: 0.23 ng  
RT: 19.734 min Scan# 1808  
Delta R.T. -0.005 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

Tgt Ion:244 Resp: 50746  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.3 9.5  
122 12.3 6.2 9.2#

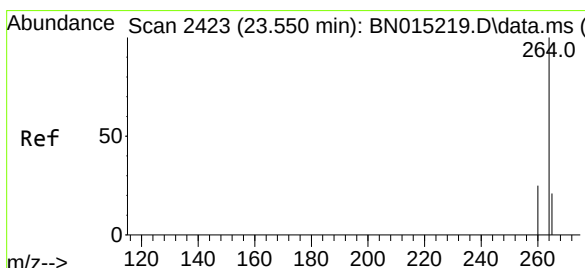
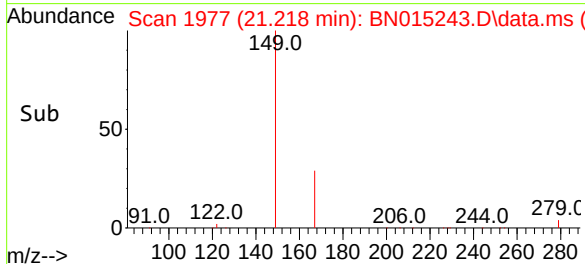
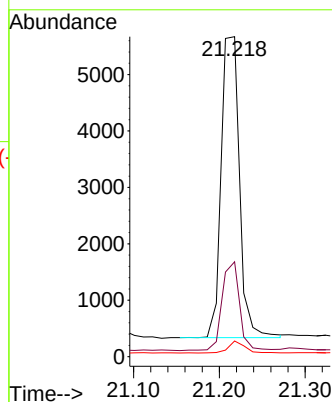
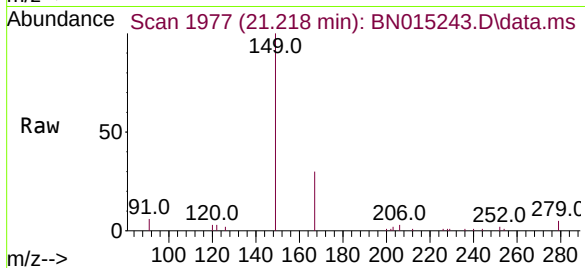




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.08 ng  
RT: 21.218 min Scan# 1977  
Delta R.T. -0.011 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D2-20210618DL

Tgt Ion:149 Resp: 7921  
Ion Ratio Lower Upper  
149 100  
167 28.2 28.9 43.3#  
279 3.5 4.9 7.3#



#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.537 min Scan# 2419  
Delta R.T. -0.014 min  
Lab File: BN015243.D  
Acq: 01 Jul 2021 03:40

Tgt Ion:264 Resp: 77410  
Ion Ratio Lower Upper  
264 100  
260 24.7 20.6 31.0  
265 22.9 21.4 32.2

