

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN113022\  
 Data File : BN022991.D  
 Acq On : 30 Nov 2022 18:13  
 Operator : CG/JU  
 Sample : N5730-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20221118

Quant Time: Nov 30 23:02:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 30 00:45:21 2022  
 Response via : Initial Calibration

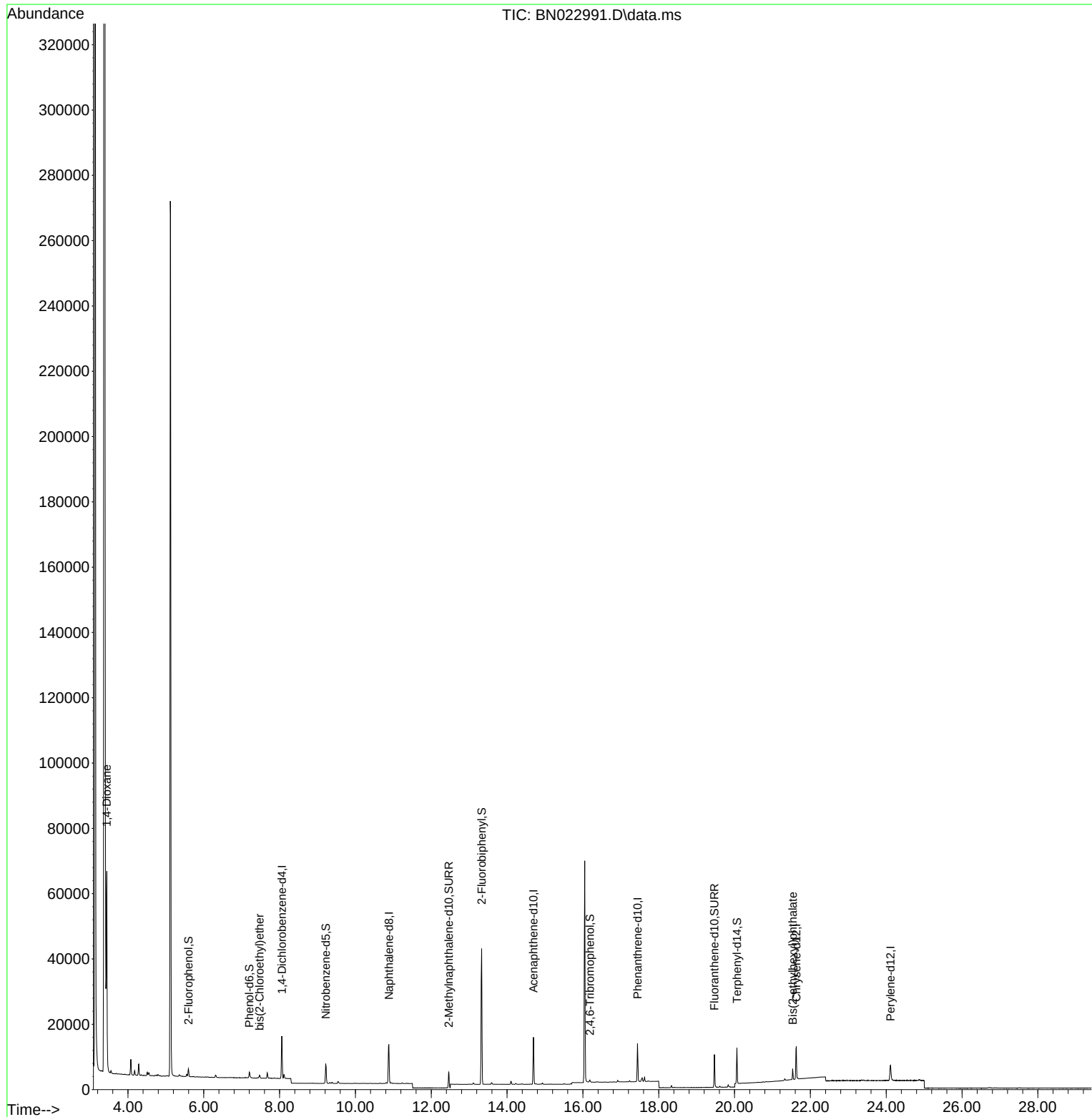
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.064  | 152  | 6130     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.883 | 136  | 16494    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.698 | 164  | 7588     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.439 | 188  | 14468    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.629 | 240  | 9468     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.113 | 264  | 7156     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.594  | 112  | 1856     | 0.117 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.204  | 99   | 1504     | 0.074 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.217  | 82   | 4753     | 0.371 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.461 | 152  | 7131     | 0.199 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.186 | 330  | 395      | 0.108 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.330 | 172  | 34764    | 1.001 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.469 | 212  | 10425    | 0.265 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.062 | 244  | 8502     | 0.382 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.442  | 88   | 32376    | 4.161 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.472  | 93   | 598      | 0.031 | ng    | 95       |
| 34) Bis(2-ethylhexyl)phtha... | 21.531 | 149  | 3160     | 0.206 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

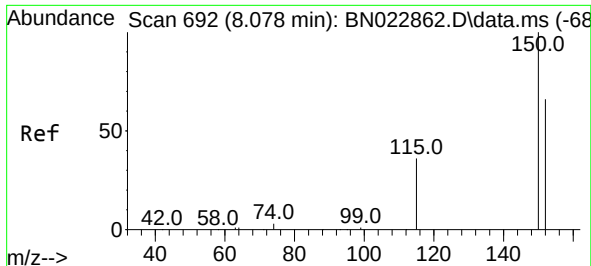
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN113022\  
Data File : BN022991.D  
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Operator : CG/JU  
Sample : N5730-07  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
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RE132D6-20221118

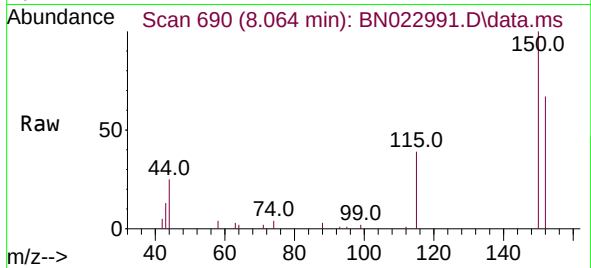
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 30 00:45:21 2022  
Response via : Initial Calibration



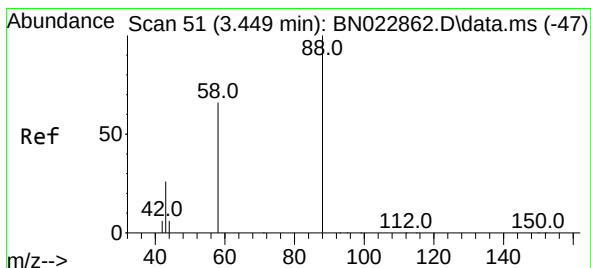
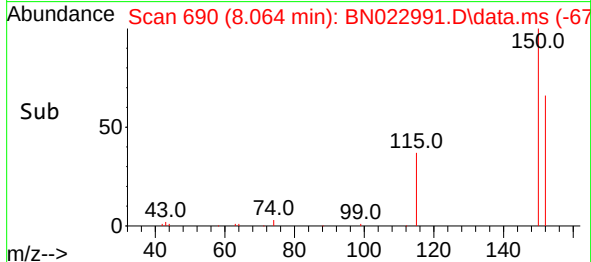
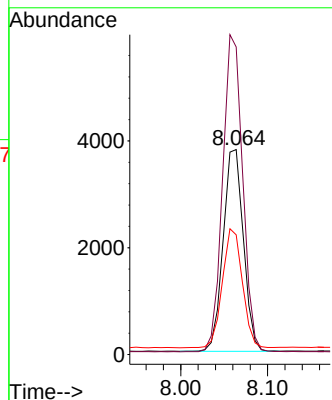


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.064 min Scan# 69  
 Delta R.T. -0.000 min  
 Lab File: BN022991.D  
 Acq: 30 Nov 2022 18:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20221118

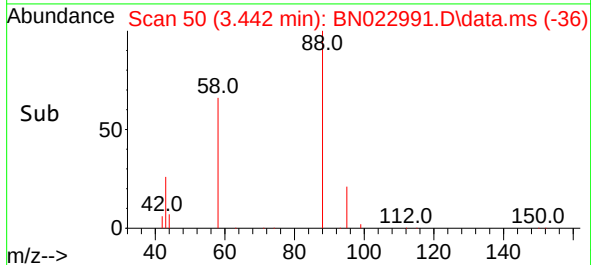
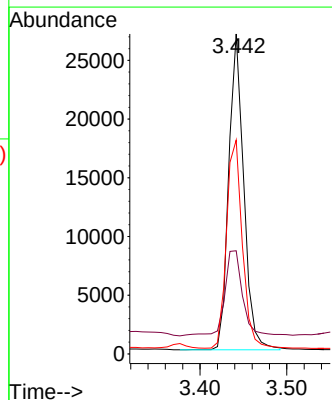
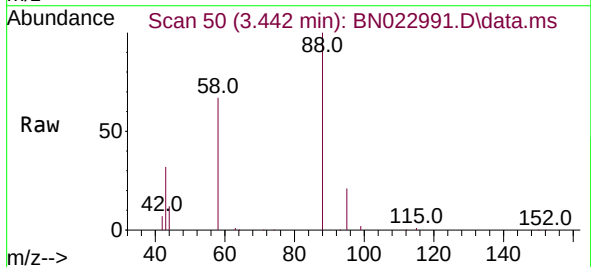


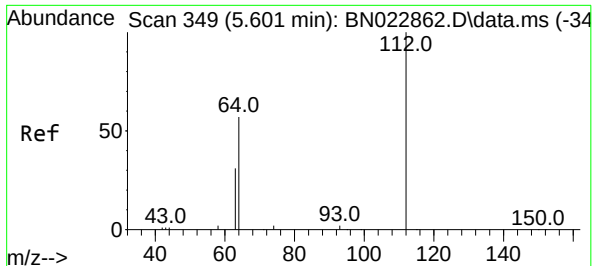
Tgt Ion:152 Resp: 6130  
 Ion Ratio Lower Upper  
 152 100  
 150 150.1 121.2 181.8  
 115 58.4 46.2 69.4



#2  
 1,4-Dioxane  
 Concen: 4.161 ng  
 RT: 3.442 min Scan# 50  
 Delta R.T. 0.000 min  
 Lab File: BN022991.D  
 Acq: 30 Nov 2022 18:13

Tgt Ion: 88 Resp: 32376  
 Ion Ratio Lower Upper  
 88 100  
 43 32.0 25.4 38.2  
 58 69.5 56.5 84.7

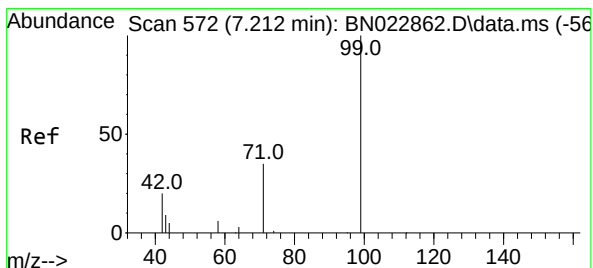
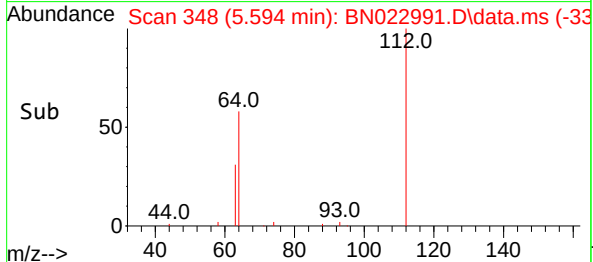
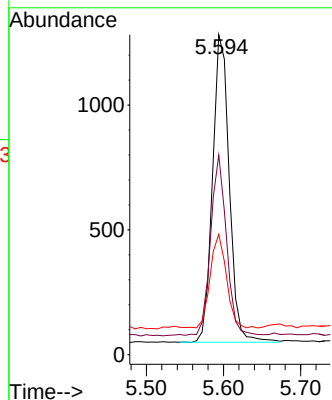
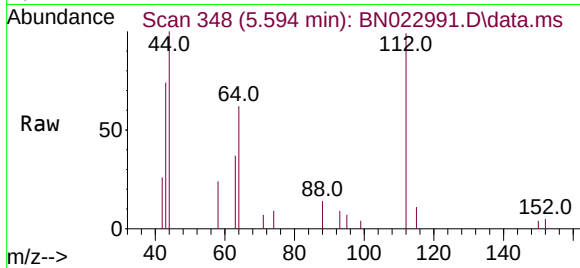




#4  
2-Fluorophenol  
Concen: 0.117 ng  
RT: 5.594 min Scan# 34  
Delta R.T. -0.007 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

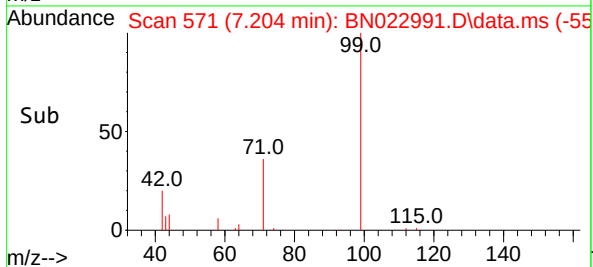
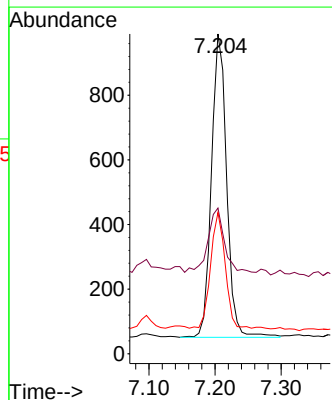
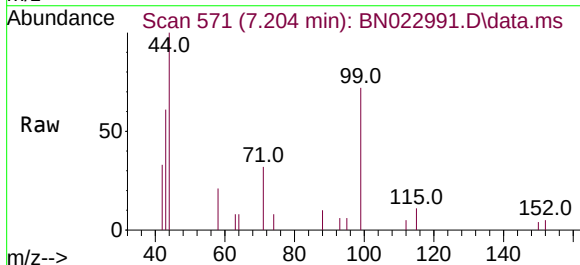
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BNA\_N  
ClientSampleId :  
RE132D6-20221118

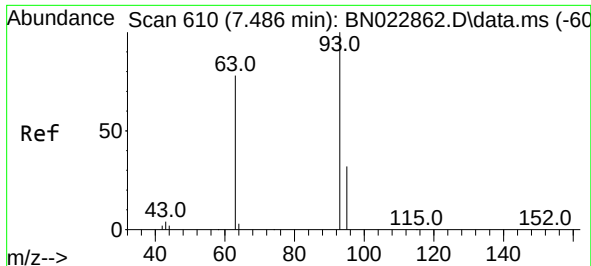
Tgt Ion:112 Resp: 1856  
Ion Ratio Lower Upper  
112 100  
64 56.4 43.4 65.2  
63 30.0 23.4 35.2



#5  
Phenol-d6  
Concen: 0.074 ng  
RT: 7.204 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

Tgt Ion: 99 Resp: 1504  
Ion Ratio Lower Upper  
99 100  
42 23.2 16.0 24.0  
71 36.3 26.8 40.2

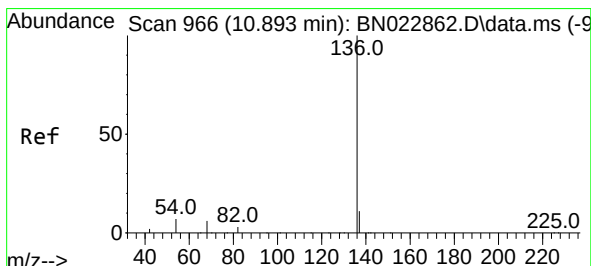
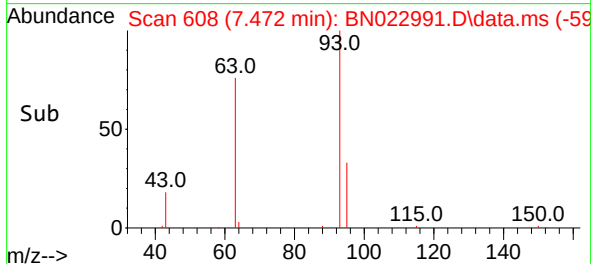
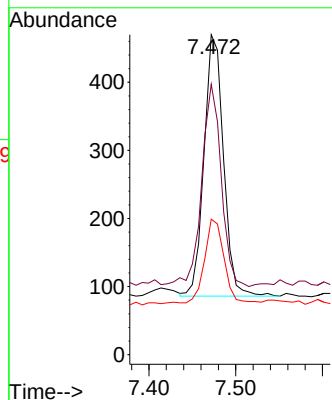
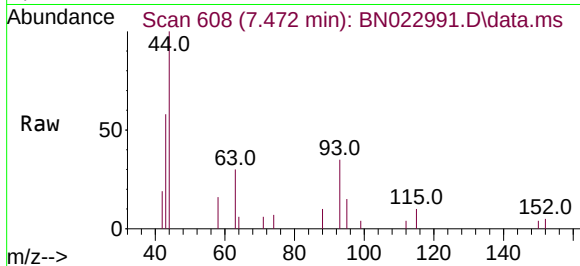




#6  
bis(2-Chloroethyl)ether  
Concen: 0.031 ng  
RT: 7.472 min Scan# 608  
Delta R.T. -0.007 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

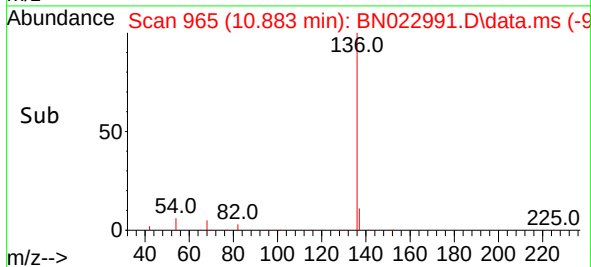
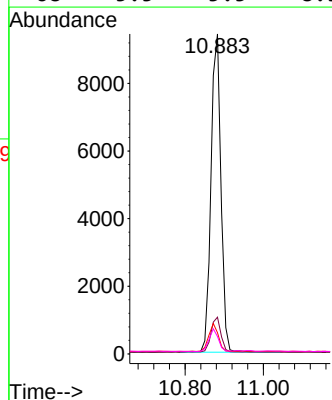
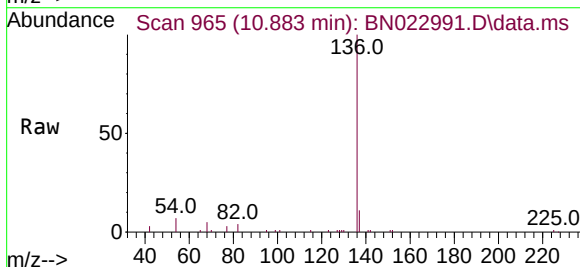
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20221118

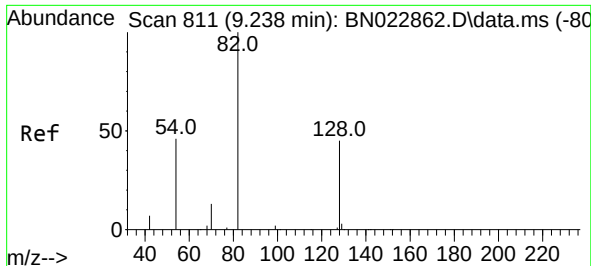
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 598   |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 78.1  | 58.3  | 87.5  |
| 95       | 32.9  | 25.8  | 38.6  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.883 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 16494 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 9.0   | 13.4  |
| 54       | 6.6   | 6.6   | 9.8   |
| 68       | 5.5   | 5.5   | 8.3   |

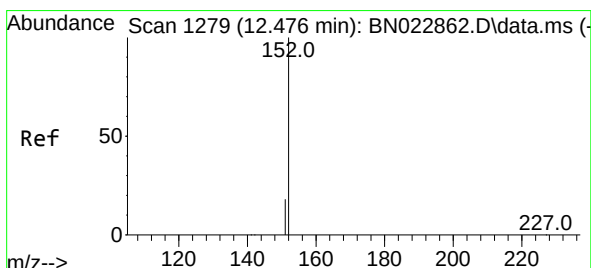
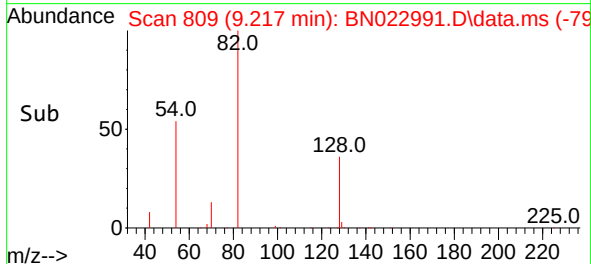
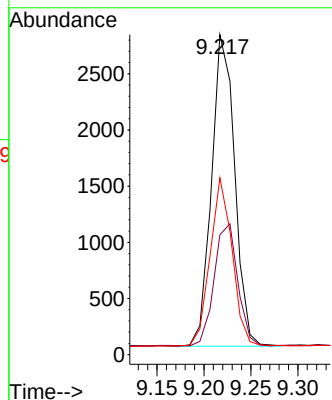
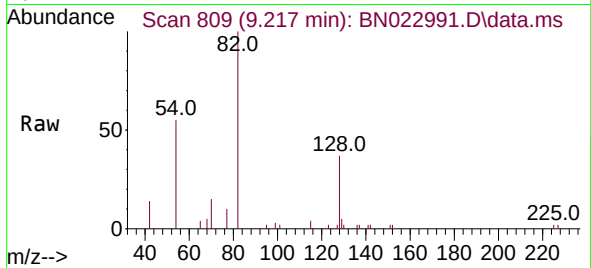




#8  
Nitrobenzene-d5  
Concen: 0.371 ng  
RT: 9.217 min Scan# 80  
Delta R.T. -0.010 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

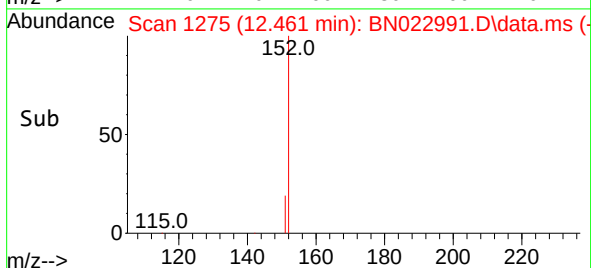
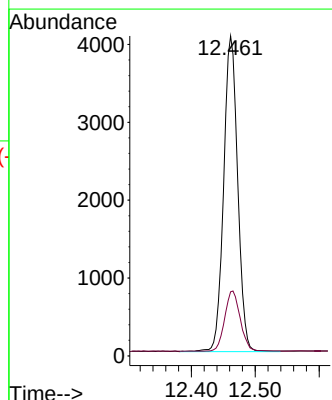
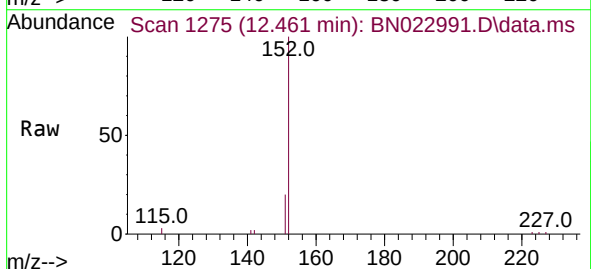
Instrument :  
BNA\_N  
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RE132D6-20221118

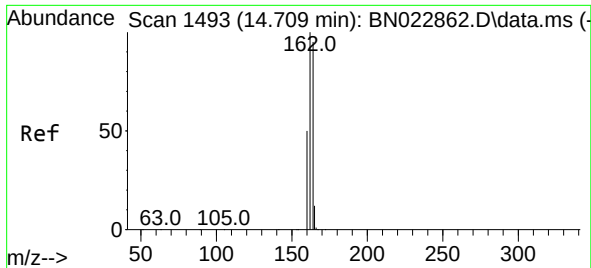
Tgt Ion: 82 Resp: 4753  
Ion Ratio Lower Upper  
82 100  
128 37.4 36.6 54.8  
54 55.2 38.5 57.7



#11  
2-Methylnaphthalene-d10  
Concen: 0.199 ng  
RT: 12.461 min Scan# 1275  
Delta R.T. -0.004 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

Tgt Ion: 152 Resp: 7131  
Ion Ratio Lower Upper  
152 100  
151 22.7 18.6 27.8

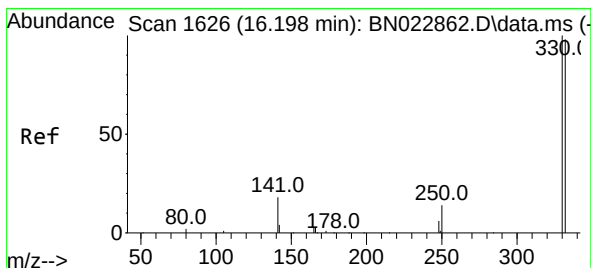
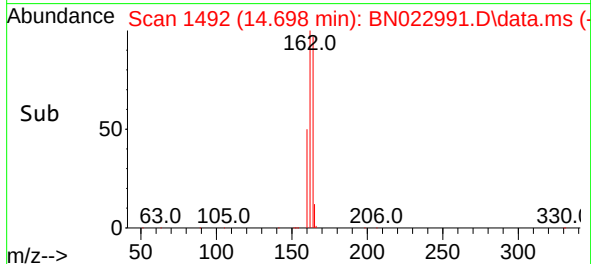
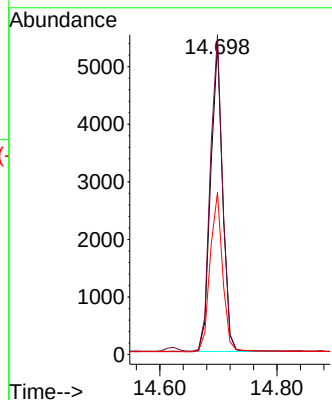
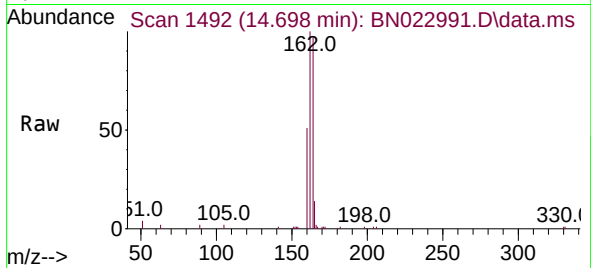




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.698 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

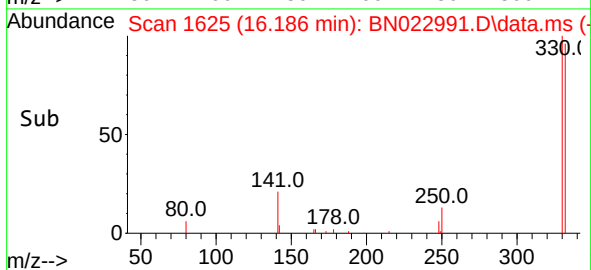
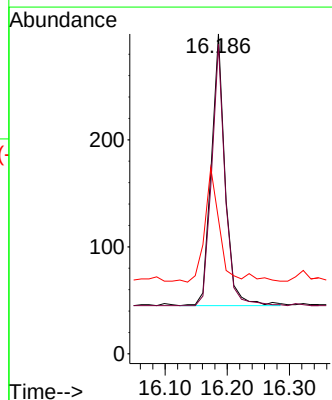
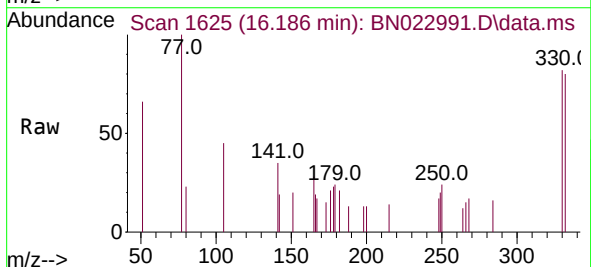
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20221118

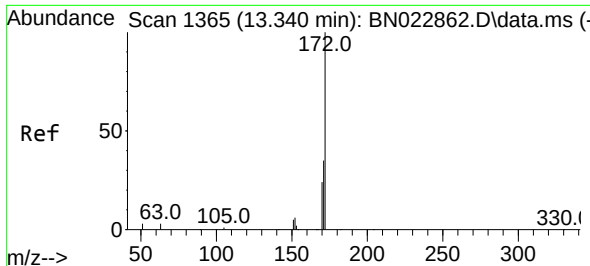
Tgt Ion:164 Resp: 7588  
Ion Ratio Lower Upper  
164 100  
162 102.9 84.2 126.4  
160 52.1 42.5 63.7



#14  
2,4,6-Tribromophenol  
Concen: 0.108 ng  
RT: 16.186 min Scan# 1625  
Delta R.T. 0.000 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

Tgt Ion:330 Resp: 395  
Ion Ratio Lower Upper  
330 100  
332 92.7 76.5 114.7  
141 41.5 32.6 48.8

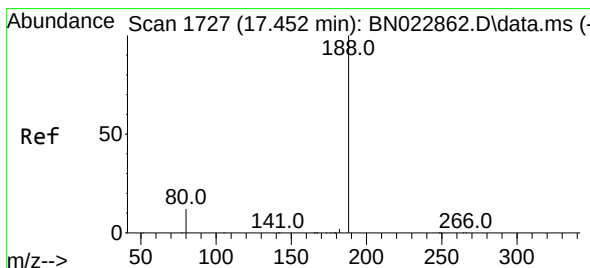
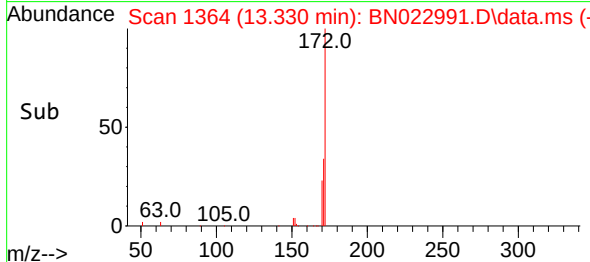
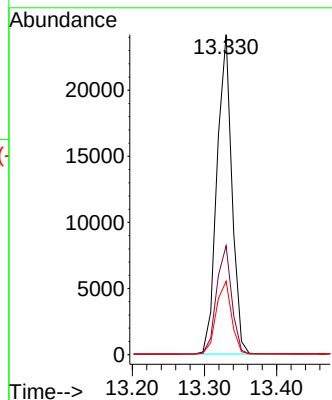
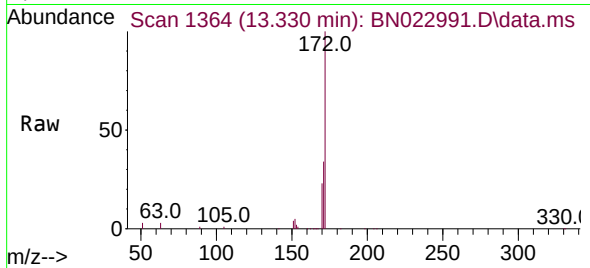




#15  
2-Fluorobiphenyl  
Concen: 1.001 ng  
RT: 13.330 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

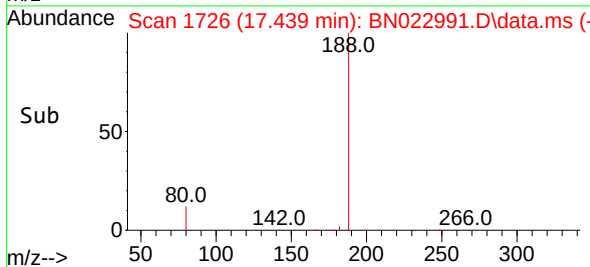
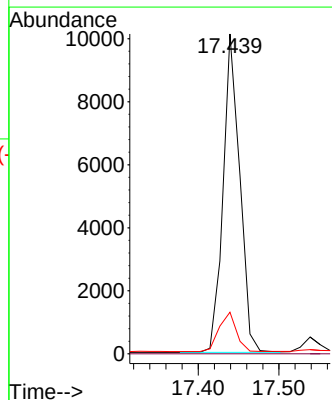
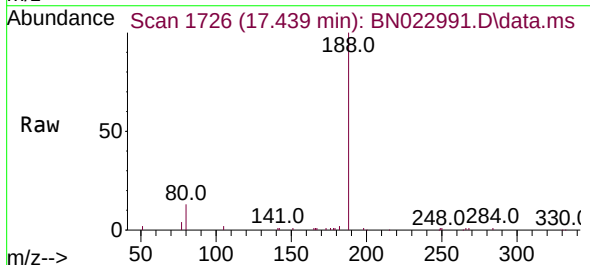
Instrument :  
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Tgt Ion:172 Resp: 34764  
Ion Ratio Lower Upper  
172 100  
171 34.0 28.2 42.4  
170 22.9 19.3 28.9

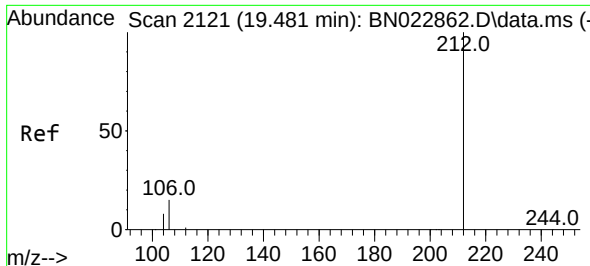


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.439 min Scan# 1726  
Delta R.T. 0.000 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

Tgt Ion:188 Resp: 14468  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.0 10.3 15.5



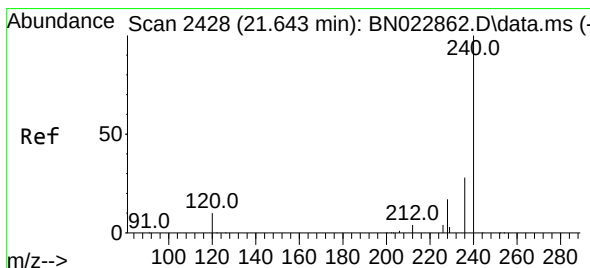
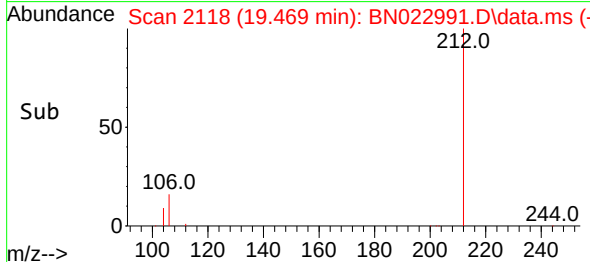
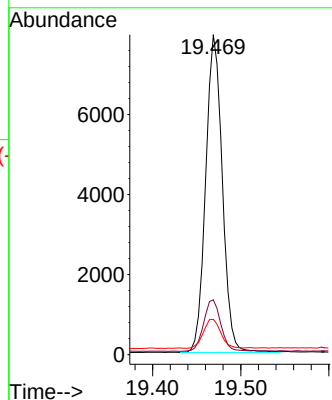
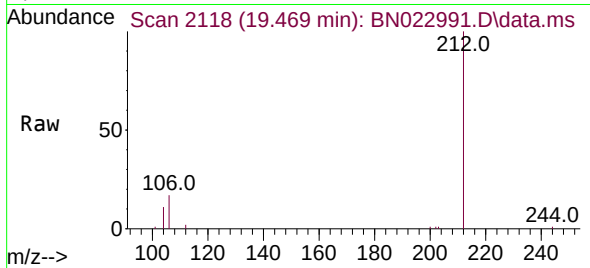




#27  
Fluoranthene-d10  
Concen: 0.265 ng  
RT: 19.469 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

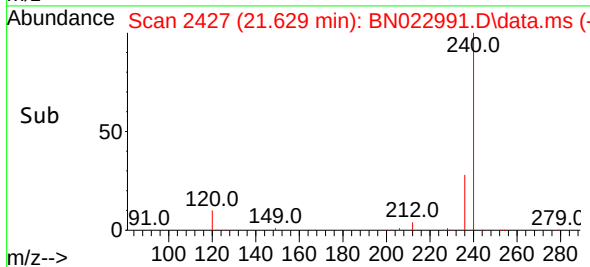
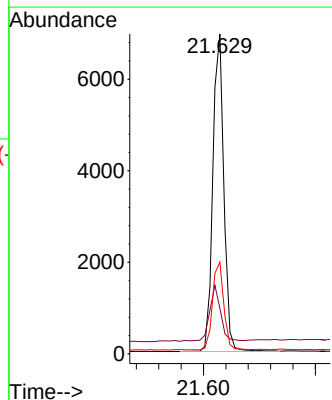
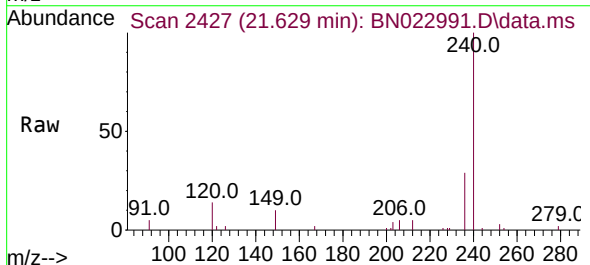
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ClientSampleId :  
RE132D6-20221118

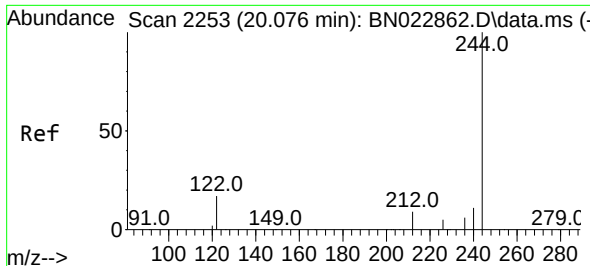
Tgt Ion:212 Resp: 10425  
Ion Ratio Lower Upper  
212 100  
106 16.7 12.3 18.5  
104 9.5 7.0 10.4



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.629 min Scan# 2427  
Delta R.T. 0.000 min  
Lab File: BN022991.D  
Acq: 30 Nov 2022 18:13

Tgt Ion:240 Resp: 9468  
Ion Ratio Lower Upper  
240 100  
120 14.2 9.2 13.8#  
236 28.7 22.6 34.0

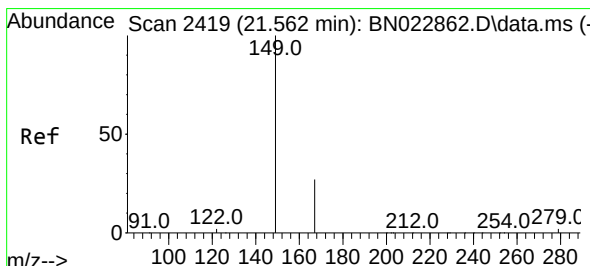
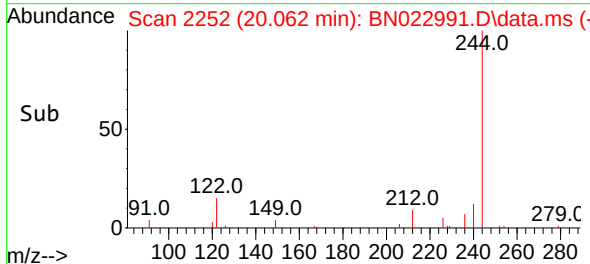
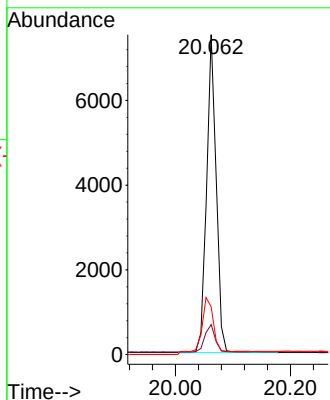
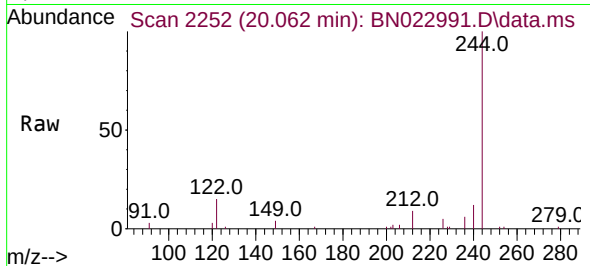




#31  
 Terphenyl-d14  
 Concen: 0.382 ng  
 RT: 20.062 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN022991.D  
 Acq: 30 Nov 2022 18:13

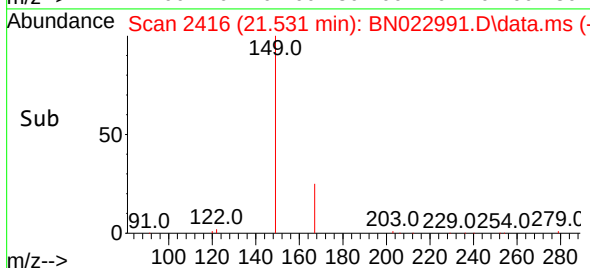
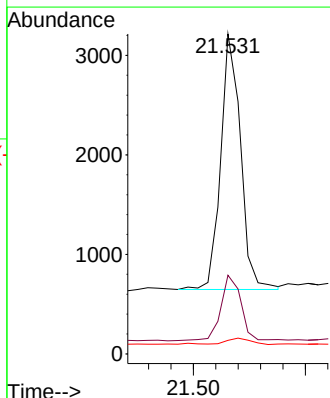
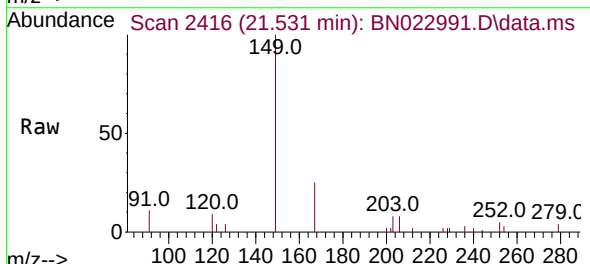
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20221118

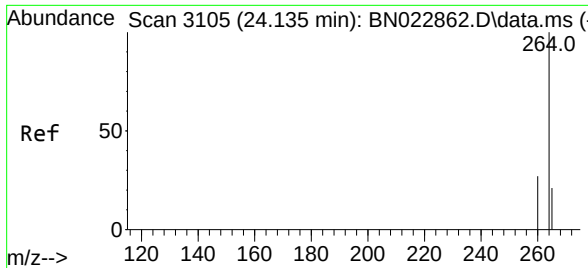
Tgt Ion:244 Resp: 8502  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 7.9 11.9  
 122 14.9 13.9 20.9



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.206 ng  
 RT: 21.531 min Scan# 2416  
 Delta R.T. -0.009 min  
 Lab File: BN022991.D  
 Acq: 30 Nov 2022 18:13

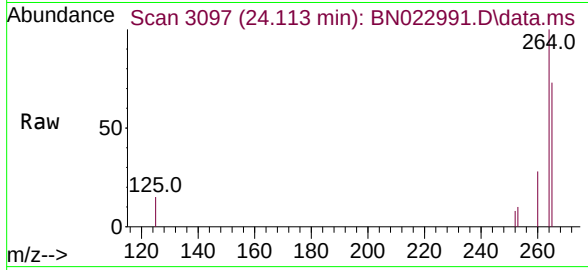
Tgt Ion:149 Resp: 3160  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 21.3 31.9  
 279 2.6 2.3 3.5





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.113 min Scan# 30  
 Delta R.T. 0.000 min  
 Lab File: BN022991.D  
 Acq: 30 Nov 2022 18:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20221118



Tgt Ion:264 Resp: 7156

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.5  | 21.7  | 32.5  |
| 265 | 72.9  | 31.0  | 46.4  |

