

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121422\  
 Data File : BN023208.D  
 Acq On : 14 Dec 2022 19:55  
 Operator : CG/JU  
 Sample : N6027-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GW-BR-04-148-162-121222

Quant Time: Dec 15 02:57:42 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 12 05:18:26 2022  
 Response via : Initial Calibration

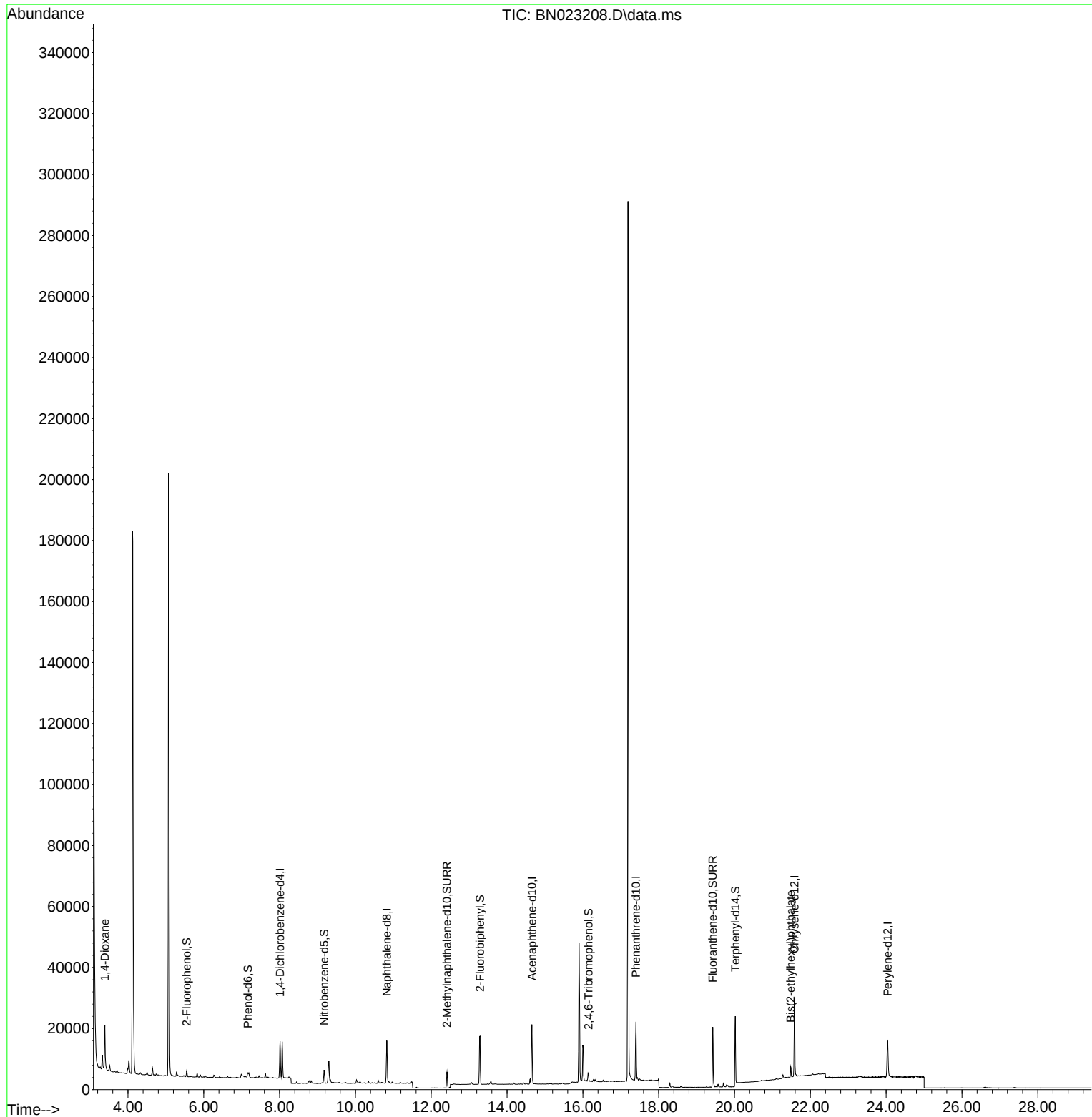
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.013  | 152  | 5707     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.829 | 136  | 17540    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.656 | 164  | 10353    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.402 | 188  | 25146    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.580 | 240  | 22056    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.039 | 264  | 17404    | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.551  | 112  | 1447     | 0.136 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.161  | 99   | 1317     | 0.097 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.174  | 82   | 3348     | 0.290 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.416 | 152  | 6707     | 0.226 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.148 | 330  | 1724     | 0.459 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.287 | 172  | 14806    | 0.358 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.427 | 212  | 20909    | 0.355 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.022 | 244  | 15824    | 0.442 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.391  | 88   | 9780     | 1.736 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.482 | 149  | 3439     | 0.114 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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Sample : N6027-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GW-BR-04-148-162-121222

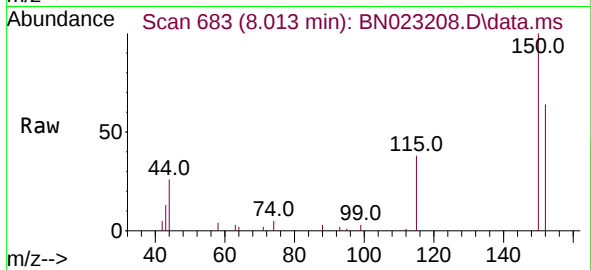
Quant Time: Dec 15 02:57:42 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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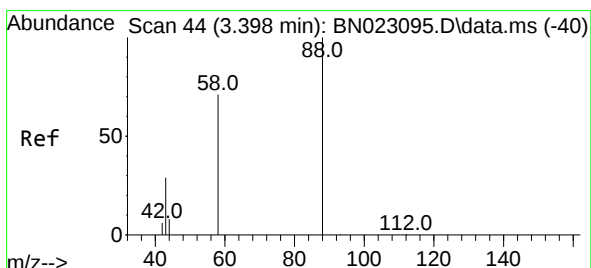
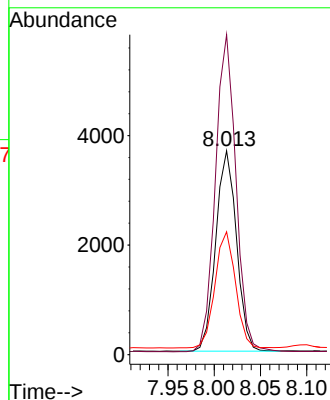
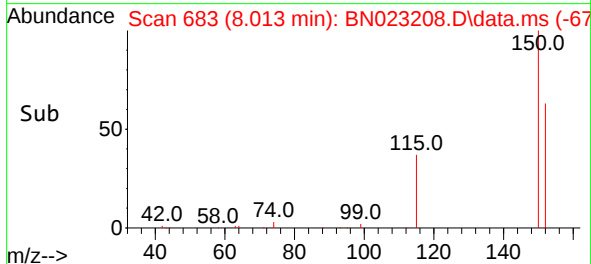


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.013 min Scan# 684  
 Delta R.T. -0.008 min  
 Lab File: BN023208.D  
 Acq: 14 Dec 2022 19:55

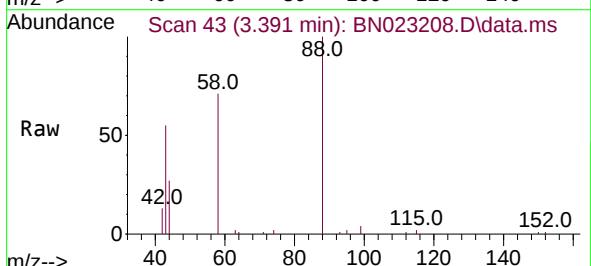
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GW-BR-04-148-162-121222



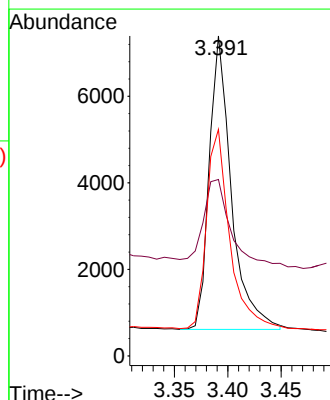
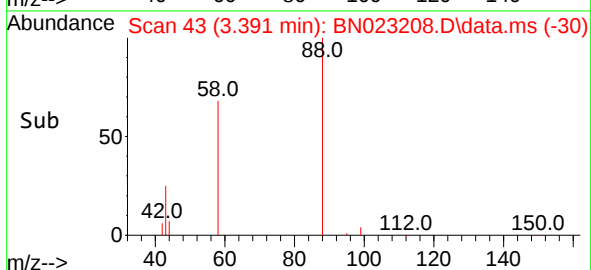
Tgt Ion:152 Resp: 5707  
 Ion Ratio Lower Upper  
 152 100  
 150 157.0 125.6 188.4  
 115 60.2 49.0 73.4

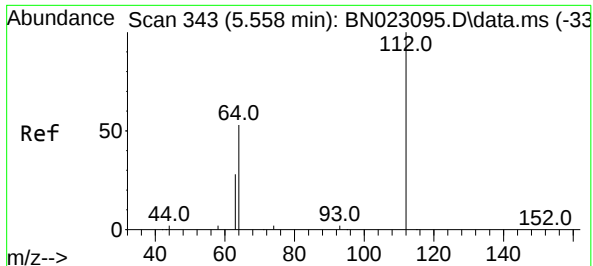


#2  
 1,4-Dioxane  
 Concen: 1.736 ng  
 RT: 3.391 min Scan# 43  
 Delta R.T. -0.007 min  
 Lab File: BN023208.D  
 Acq: 14 Dec 2022 19:55



Tgt Ion: 88 Resp: 9780  
 Ion Ratio Lower Upper  
 88 100  
 43 32.9 23.3 34.9  
 58 70.6 58.0 87.0

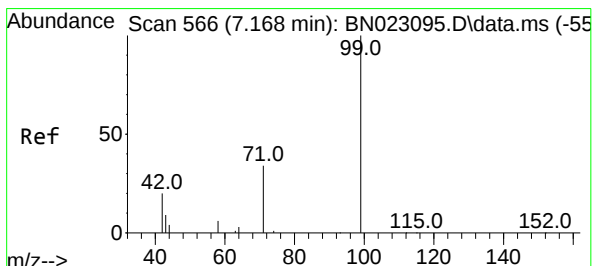
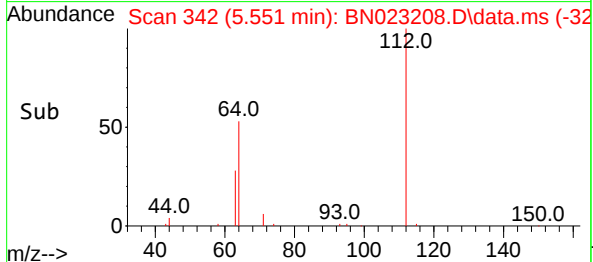
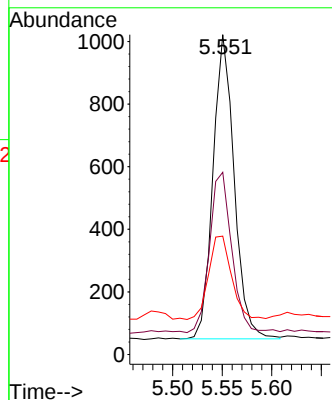
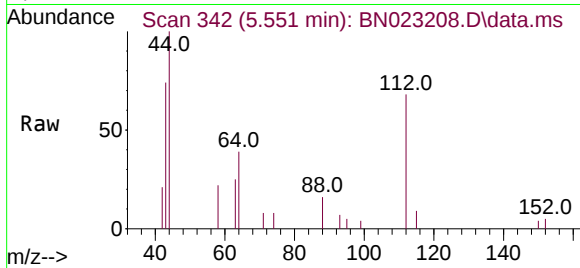




#4  
2-Fluorophenol  
Concen: 0.136 ng  
RT: 5.551 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

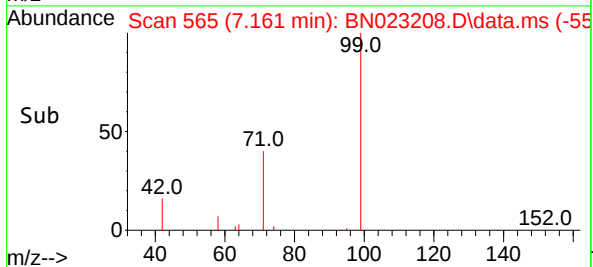
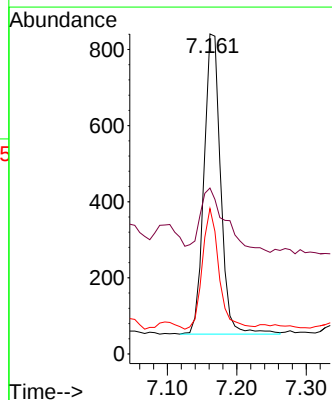
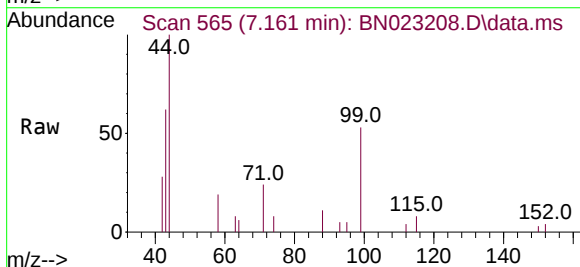
Instrument :  
BNA\_N  
ClientSampleId :  
GW-BR-04-148-162-121222

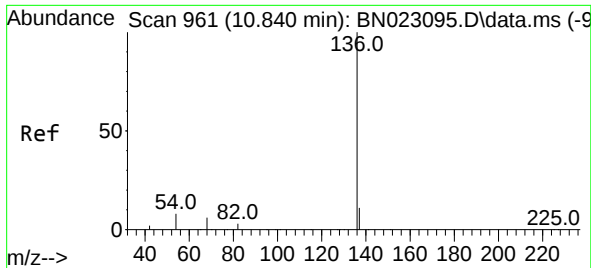
Tgt Ion:112 Resp: 1447  
Ion Ratio Lower Upper  
112 100  
64 55.4 44.4 66.6  
63 29.5 23.7 35.5



#5  
Phenol-d6  
Concen: 0.097 ng  
RT: 7.161 min Scan# 565  
Delta R.T. -0.007 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

Tgt Ion: 99 Resp: 1317  
Ion Ratio Lower Upper  
99 100  
42 33.3 16.3 24.5#  
71 40.3 26.5 39.7#

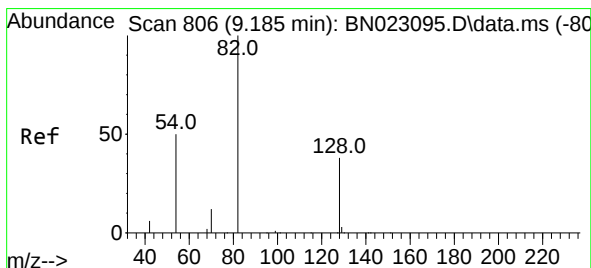
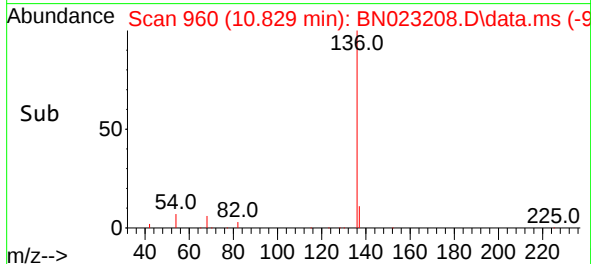
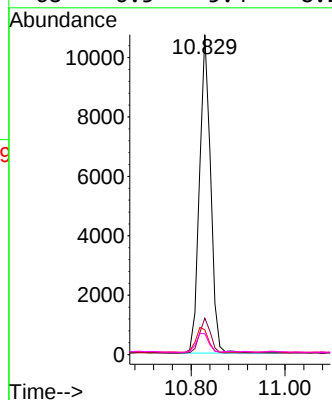
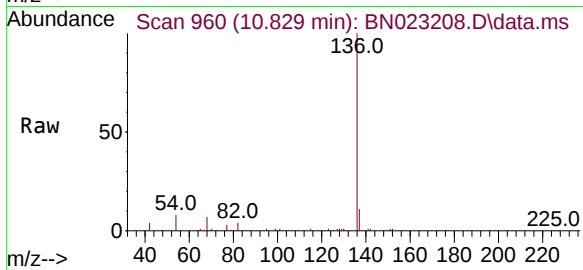




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.829 min Scan# 961  
Delta R.T. -0.011 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

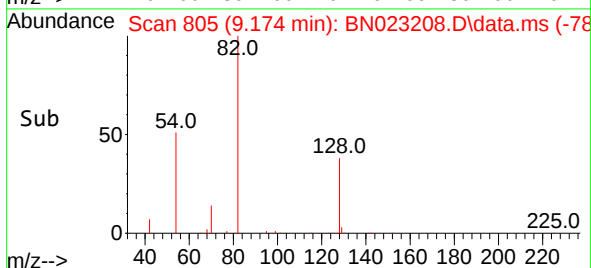
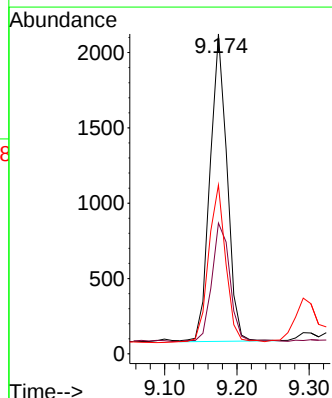
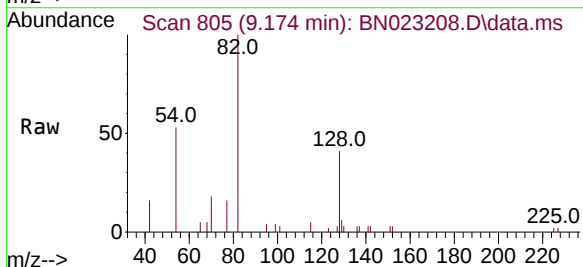
Instrument :  
BNA\_N  
ClientSampleId :  
GW-BR-04-148-162-121222

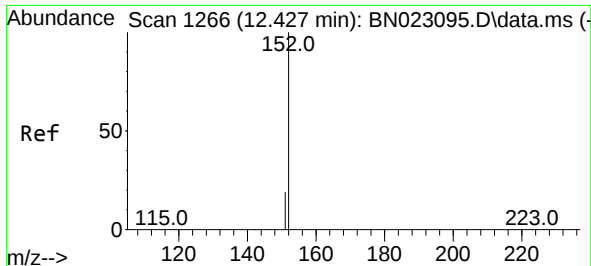
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 17540    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.4  | 9.0 13.4 |
| 54          | 7.8   | 6.5 9.7  |
| 68          | 6.5   | 5.4 8.2  |



#8  
Nitrobenzene-d5  
Concen: 0.290 ng  
RT: 9.174 min Scan# 805  
Delta R.T. -0.011 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 3348      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 40.9  | 31.4 47.2 |
| 54          | 52.8  | 41.0 61.4 |

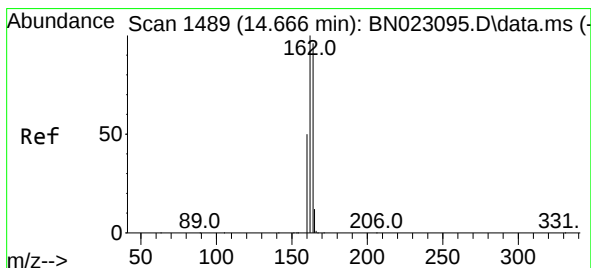
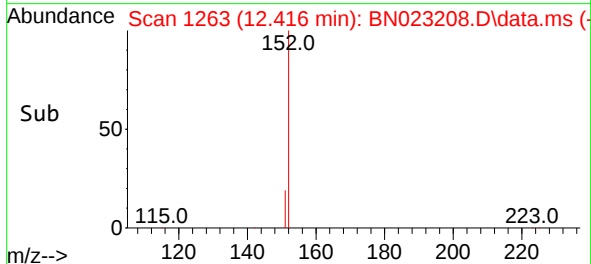
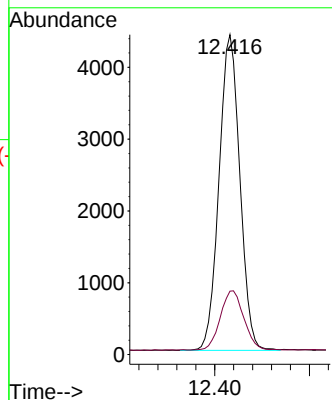
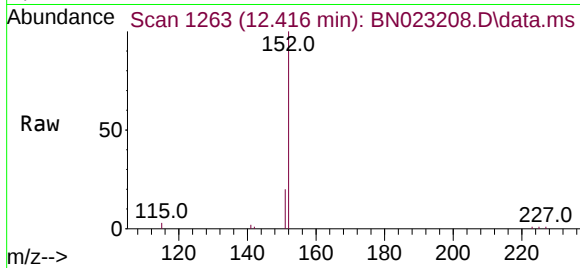




#11  
2-Methylnaphthalene-d10  
Concen: 0.226 ng  
RT: 12.416 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

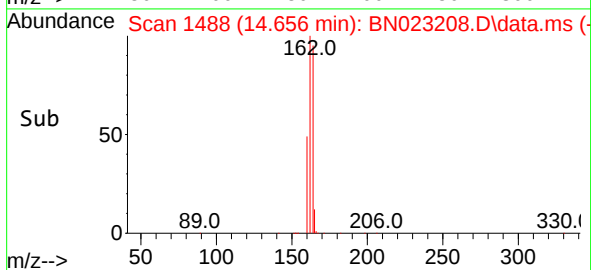
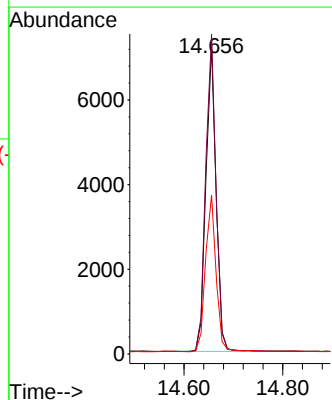
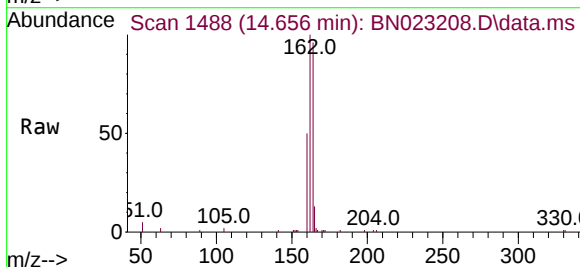
Instrument :  
BNA\_N  
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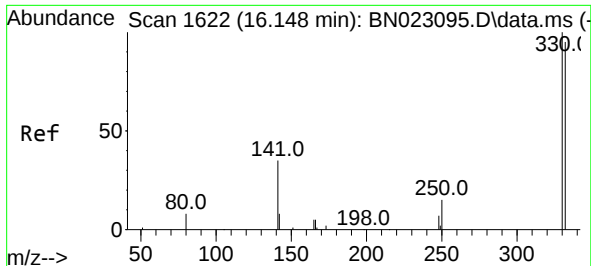
Tgt Ion:152 Resp: 6707  
Ion Ratio Lower Upper  
152 100  
151 21.2 15.1 22.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.656 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

Tgt Ion:164 Resp: 10353  
Ion Ratio Lower Upper  
164 100  
162 103.9 83.4 125.0  
160 51.6 41.8 62.8

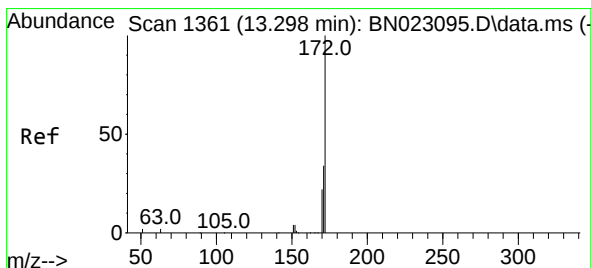
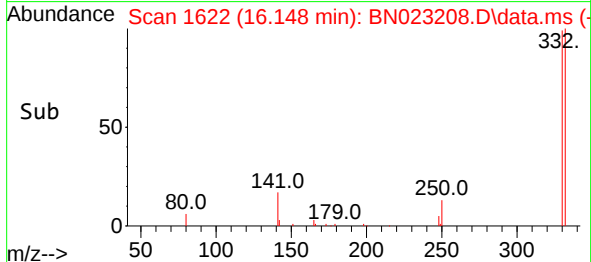
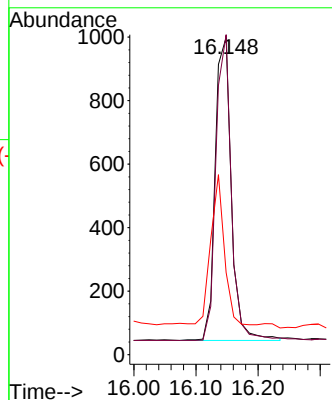
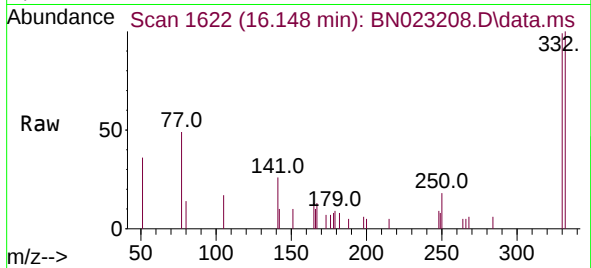




#14  
2,4,6-Tribromophenol  
Concen: 0.459 ng  
RT: 16.148 min Scan# 1622  
Delta R.T. -0.000 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

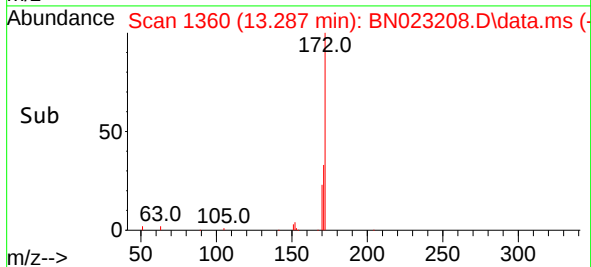
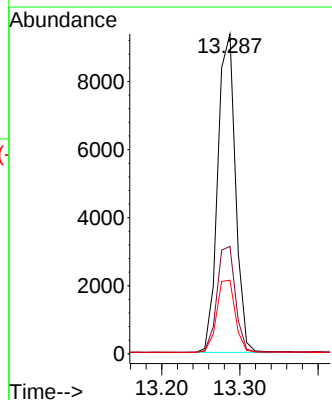
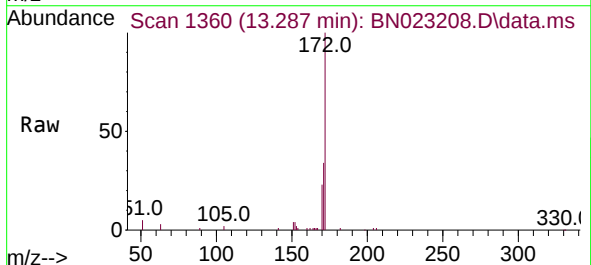
Instrument :  
BNA\_N  
ClientSampleId :  
GW-BR-04-148-162-121222

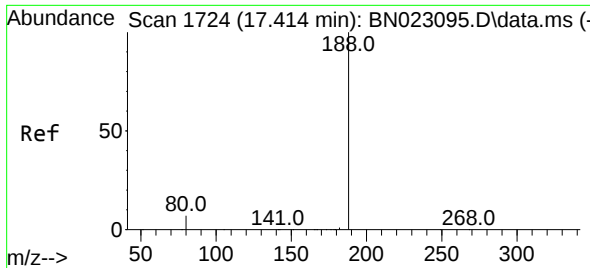
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|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 1724  |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 96.3  | 77.3  | 115.9 |
| 141       | 41.6  | 33.5  | 50.3  |



#15  
2-Fluorobiphenyl  
Concen: 0.358 ng  
RT: 13.287 min Scan# 1360  
Delta R.T. -0.000 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 14806 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 33.6  | 27.4  | 41.0  |
| 170       | 23.0  | 17.9  | 26.9  |

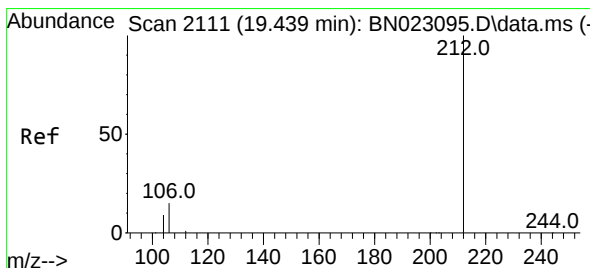
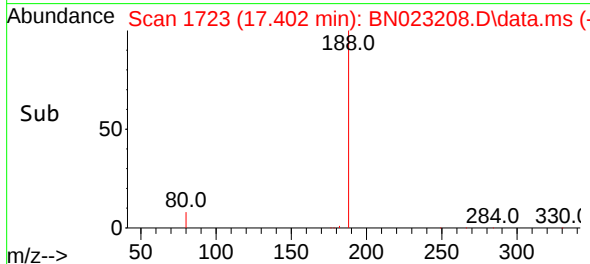
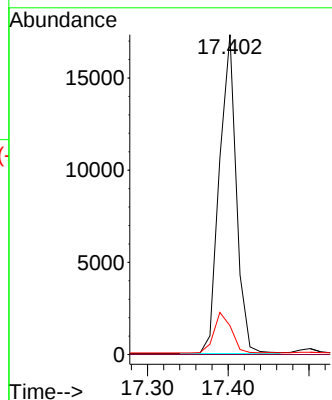
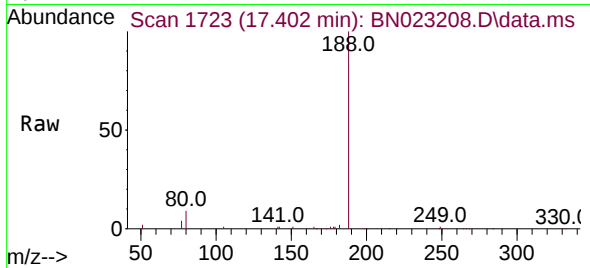




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.402 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

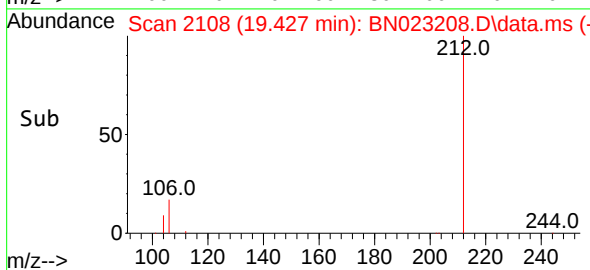
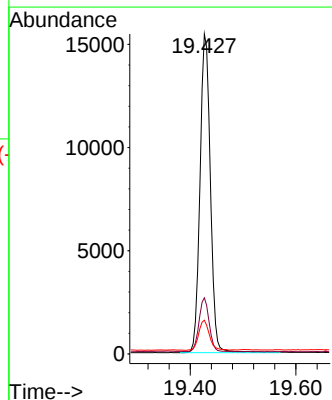
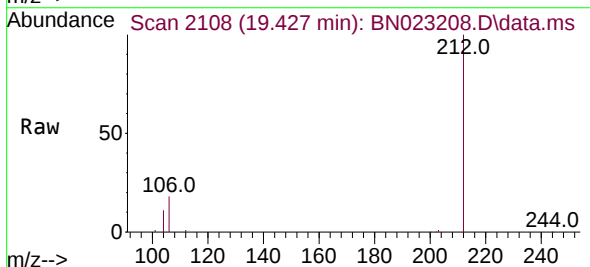
Instrument :  
BNA\_N  
ClientSampleId :  
GW-BR-04-148-162-121222

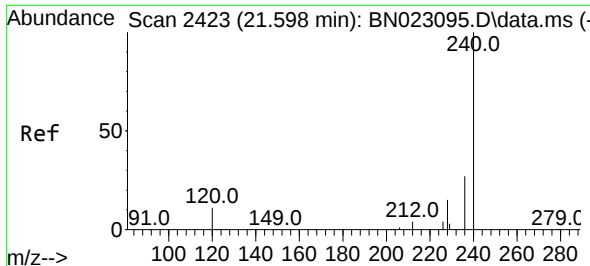
Tgt Ion:188 Resp: 25146  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.0 6.1 9.1



#27  
Fluoranthene-d10  
Concen: 0.355 ng  
RT: 19.427 min Scan# 2108  
Delta R.T. -0.008 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

Tgt Ion:212 Resp: 20909  
Ion Ratio Lower Upper  
212 100  
106 16.4 13.0 19.4  
104 9.7 7.5 11.3

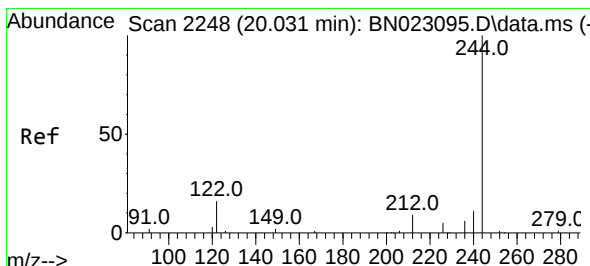
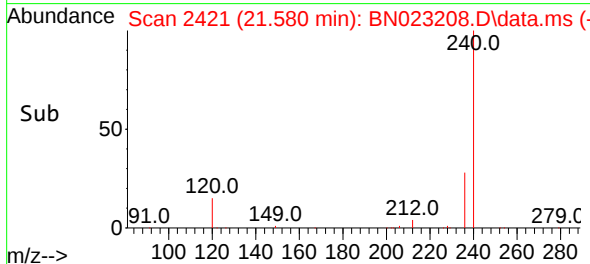
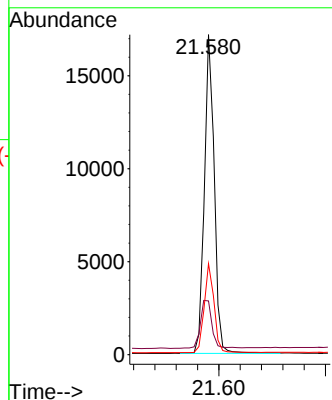
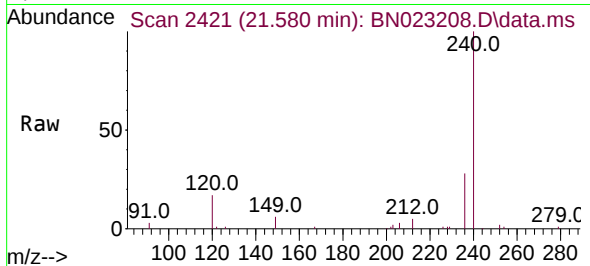




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.580 min Scan# 2423  
Delta R.T. -0.009 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

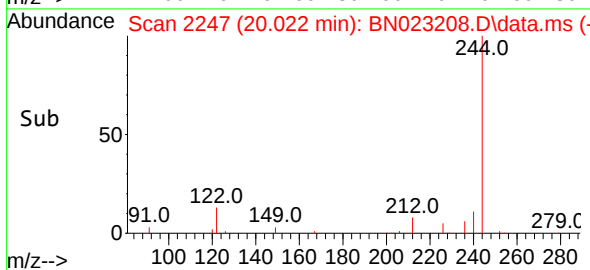
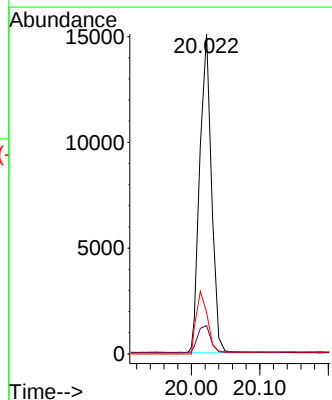
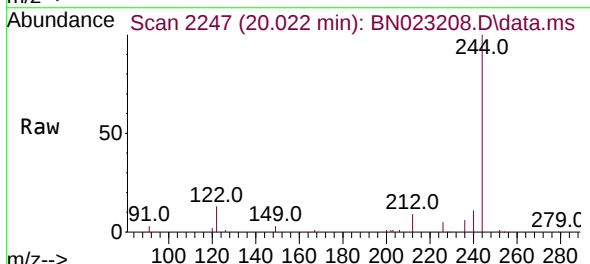
Instrument :  
BNA\_N  
ClientSampleId :  
GW-BR-04-148-162-121222

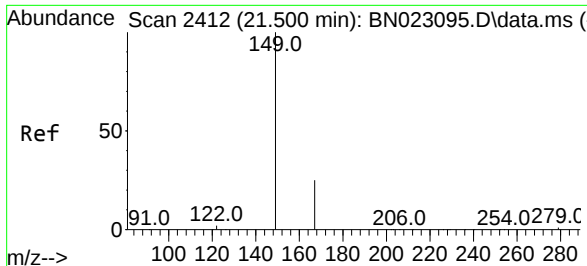
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Ion Ratio Lower Upper  
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236 28.4 22.2 33.4



#31  
Terphenyl-d14  
Concen: 0.442 ng  
RT: 20.022 min Scan# 2247  
Delta R.T. -0.009 min  
Lab File: BN023208.D  
Acq: 14 Dec 2022 19:55

Tgt Ion:244 Resp: 15824  
Ion Ratio Lower Upper  
244 100  
212 8.8 7.6 11.4  
122 12.9 12.6 18.8

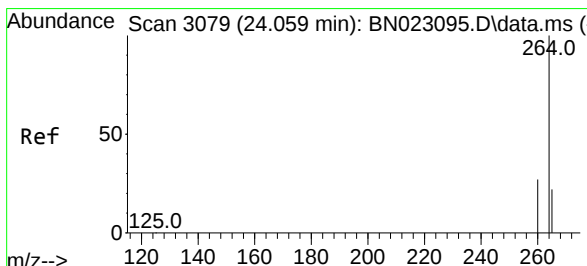
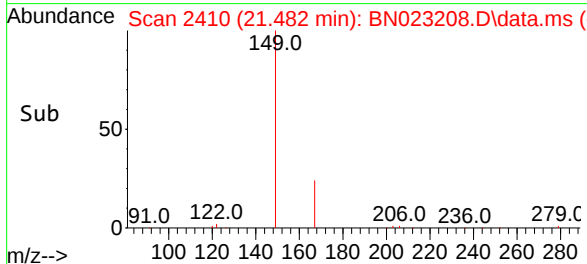
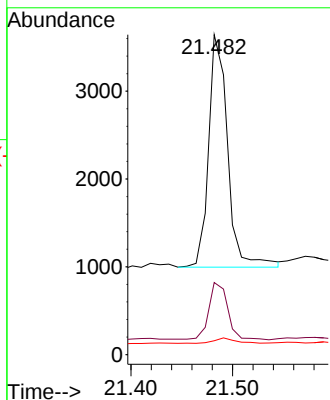
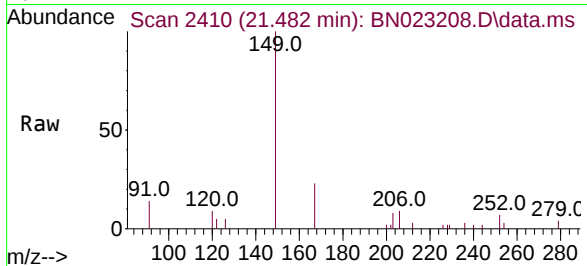




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.114 ng  
 RT: 21.482 min Scan# 2410  
 Delta R.T. -0.009 min  
 Lab File: BN023208.D  
 Acq: 14 Dec 2022 19:55

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GW-BR-04-148-162-121222

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 3439 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 24.5  | 20.2  | 30.2 |
| 279       | 2.6   | 2.3   | 3.5  |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.039 min Scan# 3072  
 Delta R.T. -0.012 min  
 Lab File: BN023208.D  
 Acq: 14 Dec 2022 19:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 17404 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 27.0  | 21.7  | 32.5  |
| 265       | 51.0  | 43.2  | 64.8  |

