

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112024\  
 Data File : BN035214.D  
 Acq On : 21 Nov 2024 02:01  
 Operator : RC/JU  
 Sample : P4868-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP100-20241114

Quant Time: Nov 21 02:25:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 20 23:40:20 2024  
 Response via : Initial Calibration

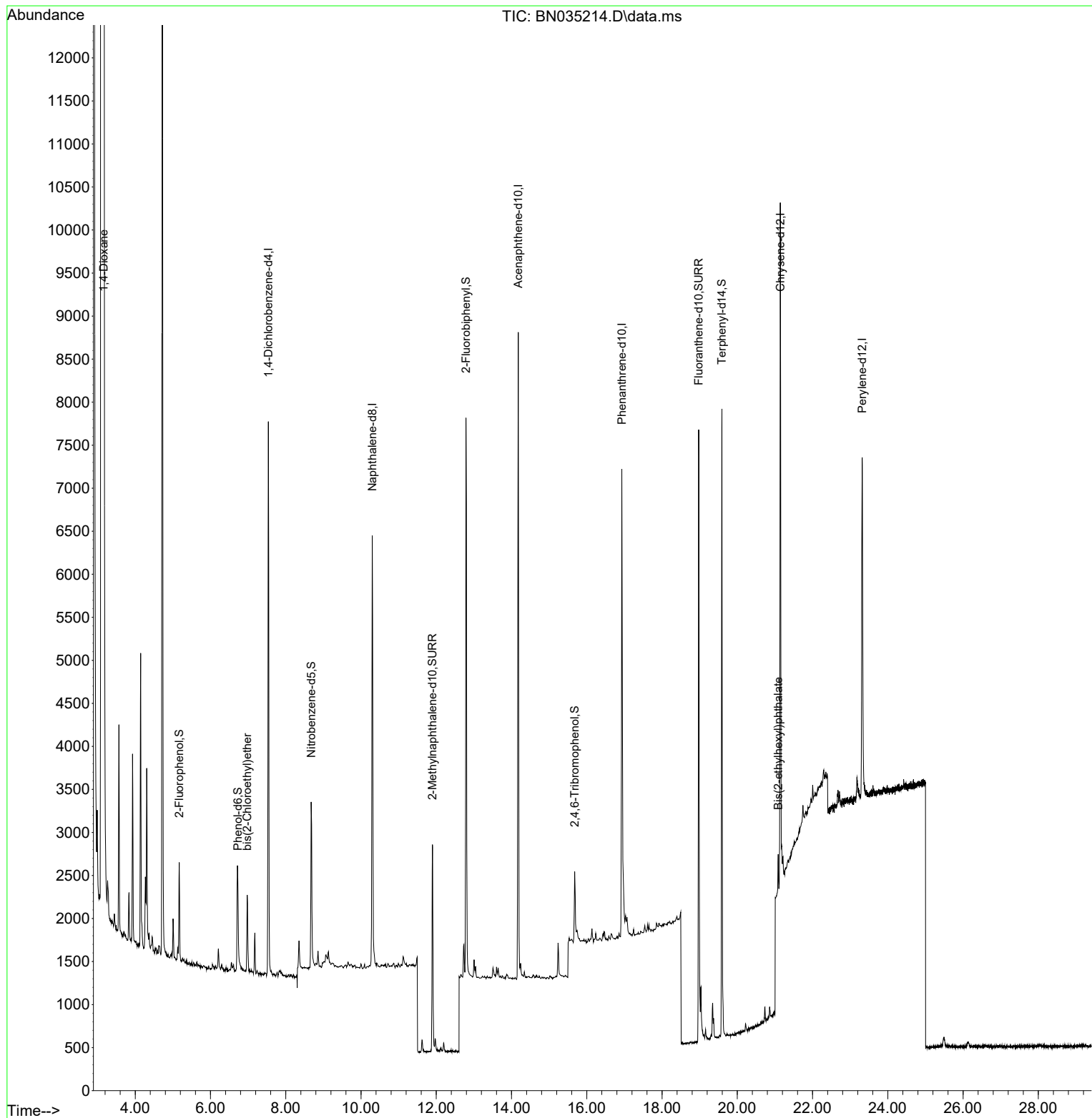
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.539  | 152  | 3082     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.297 | 136  | 7082     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.179 | 164  | 4287     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.932 | 188  | 8739     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.142 | 240  | 7416     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.320 | 264  | 5421     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.170  | 112  | 905      | 0.116 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.730  | 99   | 646      | 0.066 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.675  | 82   | 1891     | 0.307 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.897 | 152  | 3473     | 0.275 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.679 | 330  | 632      | 0.204 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.790 | 172  | 6171     | 0.354 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.973 | 212  | 9185     | 0.343 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.591 | 244  | 7622     | 0.490 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.162  | 88   | 22246    | 7.947 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 6.975  | 93   | 382      | 0.052 | ng    | # 67     |
| 34) Bis(2-ethylhexyl)phtha... | 21.089 | 149  | 466      | 0.034 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

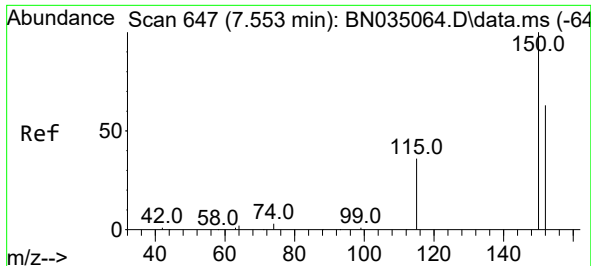
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112024\  
Data File : BN035214.D  
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RW5-SP100-20241114

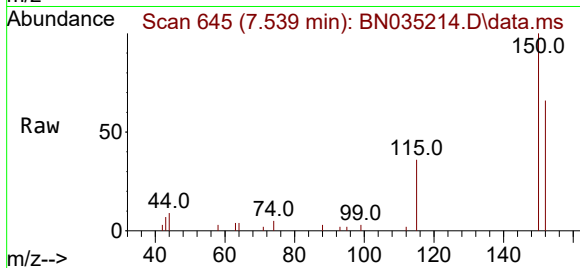
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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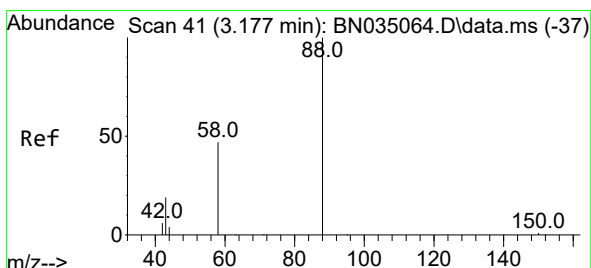
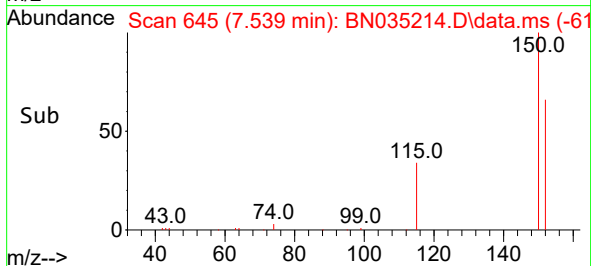
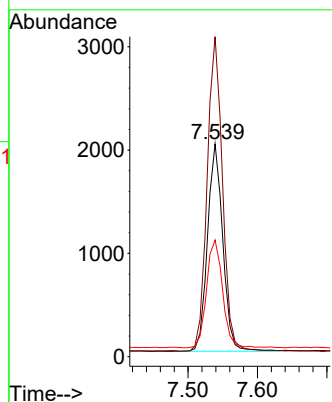


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.539 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN035214.D  
 Acq: 21 Nov 2024 02:01

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP100-20241114

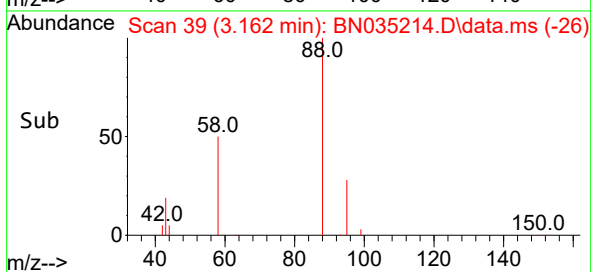
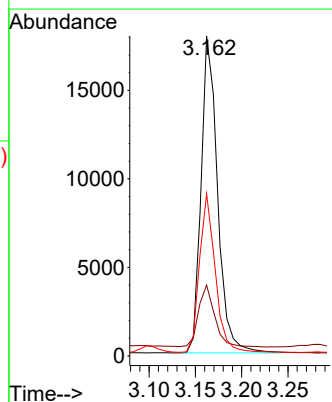
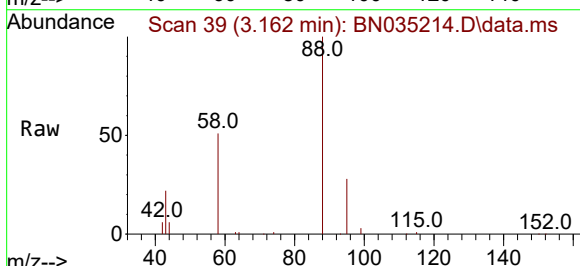


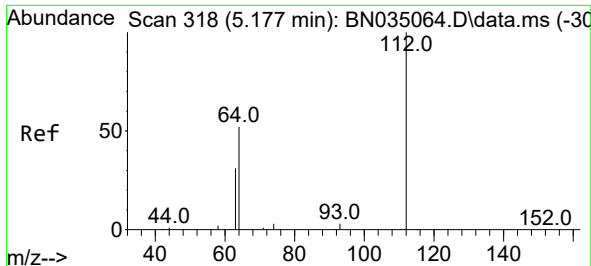
Tgt Ion:152 Resp: 3082  
 Ion Ratio Lower Upper  
 152 100  
 150 150.4 124.5 186.7  
 115 54.8 47.8 71.6



#2  
 1,4-Dioxane  
 Concen: 7.947 ng  
 RT: 3.162 min Scan# 39  
 Delta R.T. -0.007 min  
 Lab File: BN035214.D  
 Acq: 21 Nov 2024 02:01

Tgt Ion: 88 Resp: 22246  
 Ion Ratio Lower Upper  
 88 100  
 43 19.3 16.9 25.3  
 58 47.7 39.0 58.4

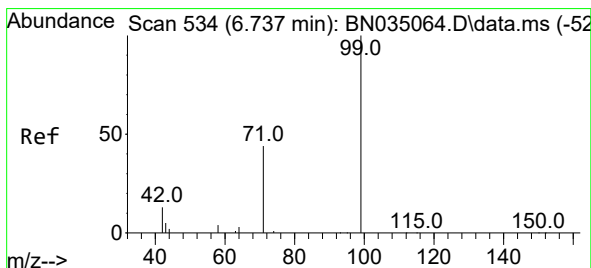
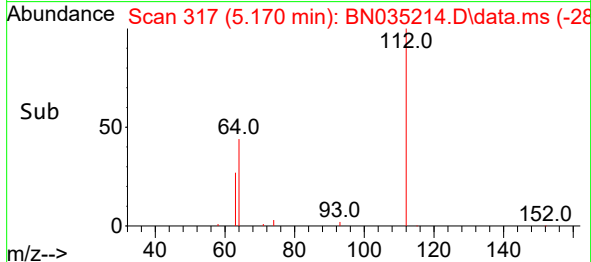
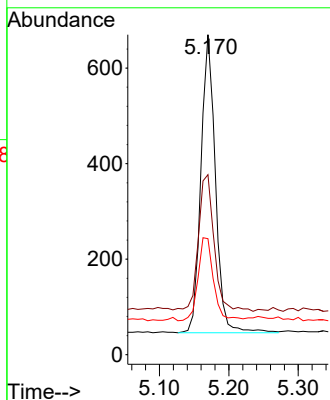
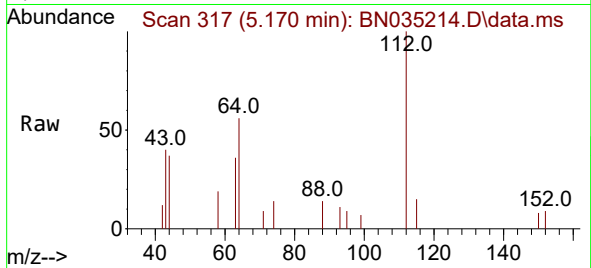




#4  
2-Fluorophenol  
Concen: 0.116 ng  
RT: 5.170 min Scan# 318  
Delta R.T. -0.000 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

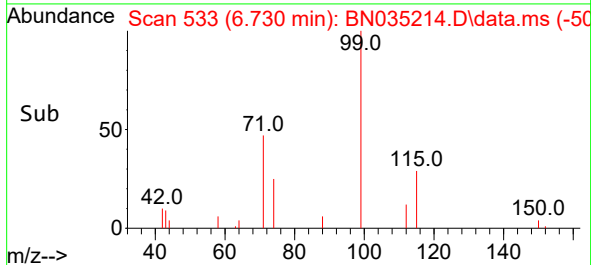
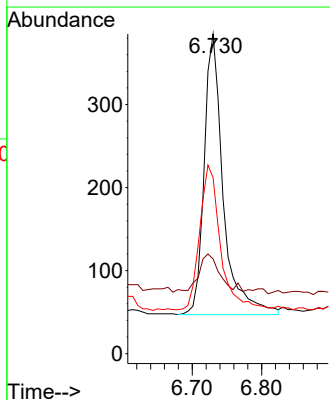
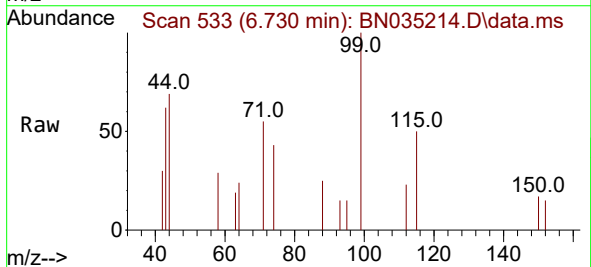
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP100-20241114

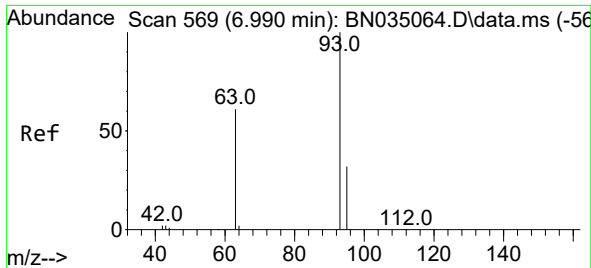
Tgt Ion:112 Resp: 905  
Ion Ratio Lower Upper  
112 100  
64 50.1 39.7 59.5  
63 29.8 23.0 34.4



#5  
Phenol-d6  
Concen: 0.066 ng  
RT: 6.730 min Scan# 533  
Delta R.T. 0.007 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

Tgt Ion: 99 Resp: 646  
Ion Ratio Lower Upper  
99 100  
42 13.0 11.4 17.0  
71 55.6 34.6 51.8#

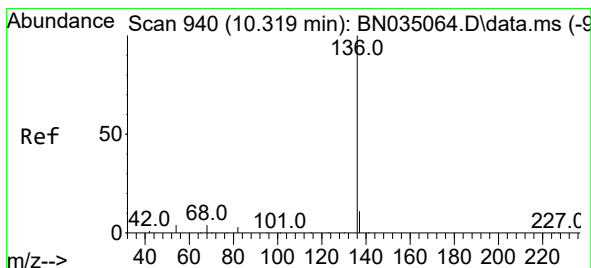
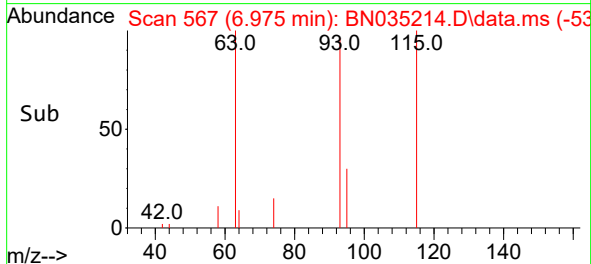
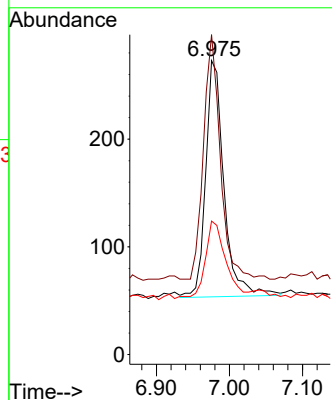
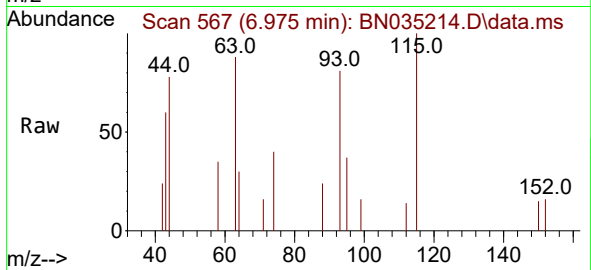




#6  
bis(2-Chloroethyl)ether  
Concen: 0.052 ng  
RT: 6.975 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

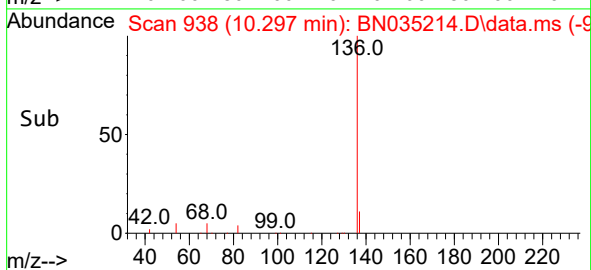
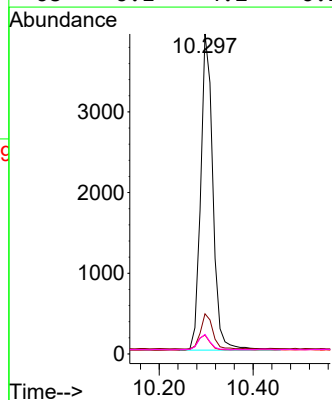
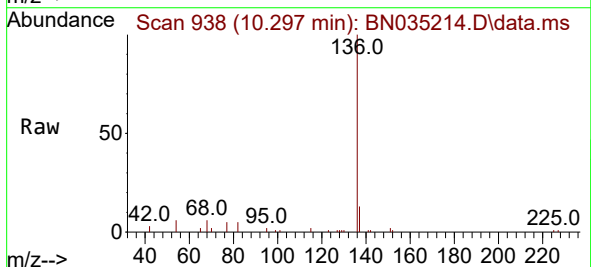
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP100-20241114

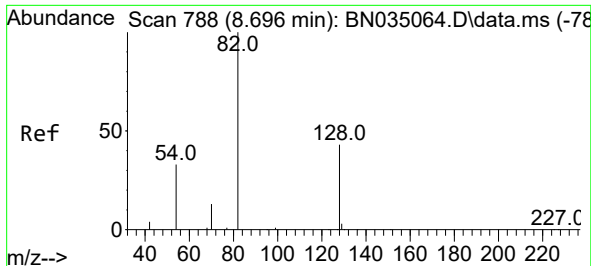
Tgt Ion: 93 Resp: 382  
Ion Ratio Lower Upper  
93 100  
63 95.0 47.4 71.2#  
95 35.9 26.2 39.4



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.297 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

Tgt Ion:136 Resp: 7082  
Ion Ratio Lower Upper  
136 100  
137 12.5 9.8 14.8  
54 5.9 4.0 6.0  
68 6.1 4.2 6.2

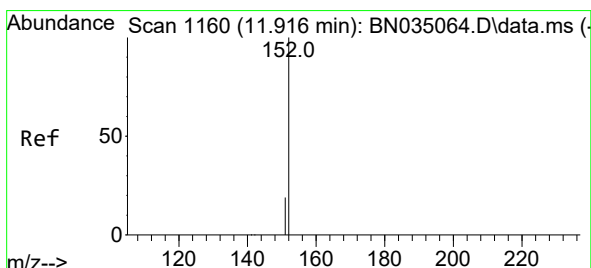
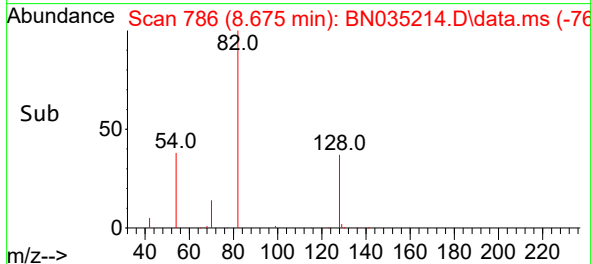
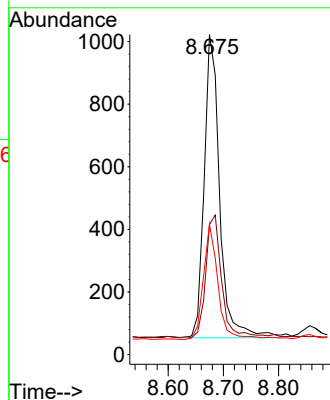
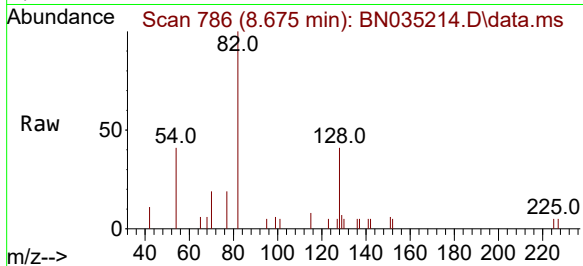




#8  
Nitrobenzene-d5  
Concen: 0.307 ng  
RT: 8.675 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

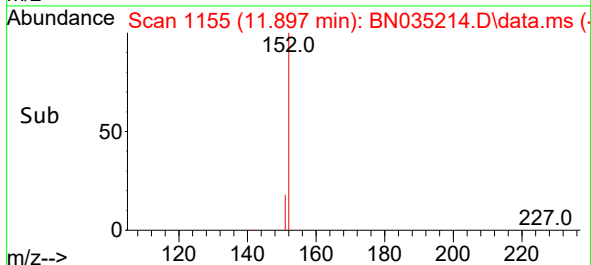
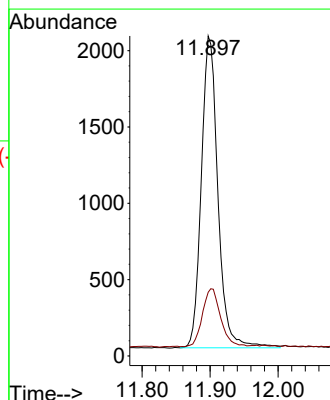
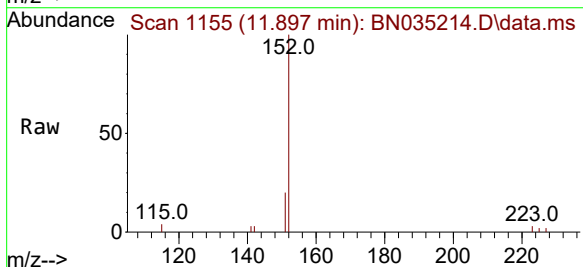
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP100-20241114

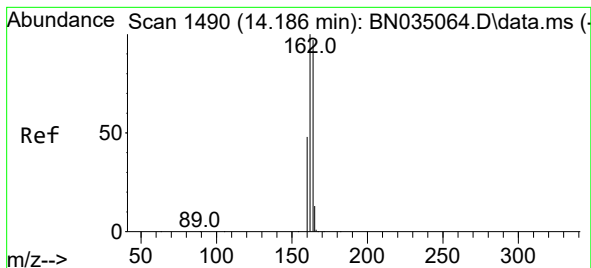
Tgt Ion: 82 Resp: 1891  
Ion Ratio Lower Upper  
82 100  
128 40.7 36.5 54.7  
54 40.8 28.7 43.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.275 ng  
RT: 11.897 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

Tgt Ion:152 Resp: 3473  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.179 min Scan# 1490

Delta R.T. 0.004 min

Lab File: BN035214.D

Acq: 21 Nov 2024 02:01

Instrument :

BNA\_N

ClientSampleId :

RW5-SP100-20241114

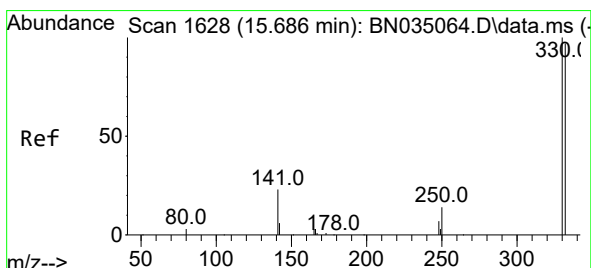
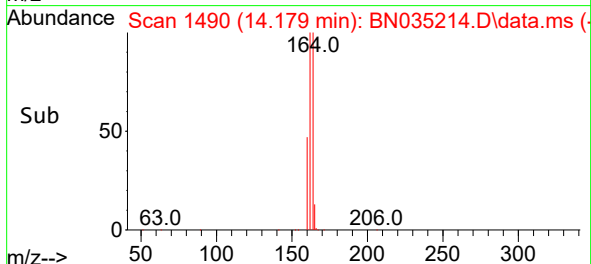
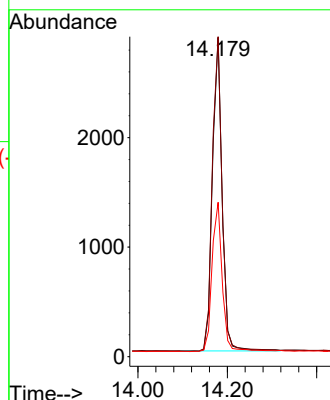
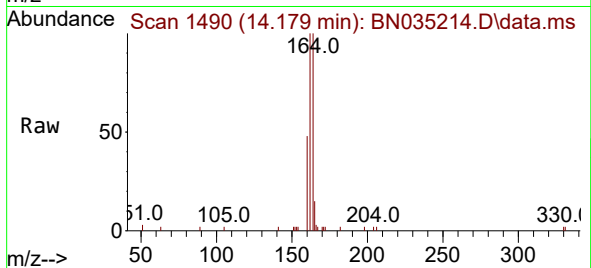
Tgt Ion:164 Resp: 4287

Ion Ratio Lower Upper

164 100

162 100.3 82.2 123.2

160 48.4 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 0.204 ng

RT: 15.679 min Scan# 1628

Delta R.T. 0.005 min

Lab File: BN035214.D

Acq: 21 Nov 2024 02:01

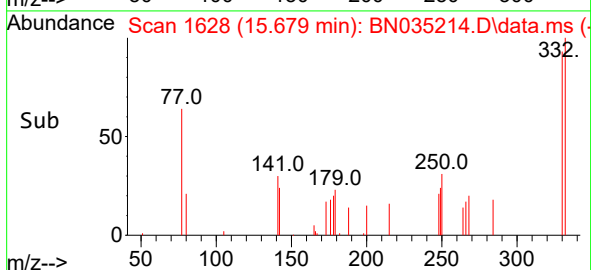
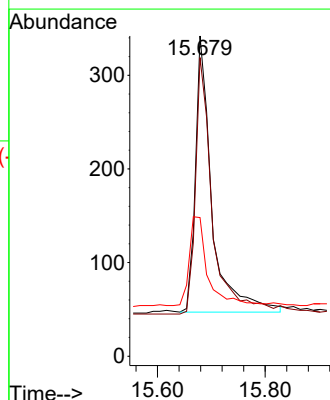
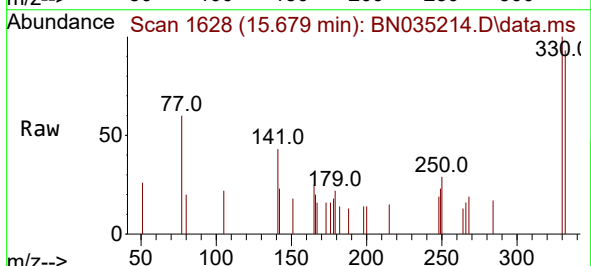
Tgt Ion:330 Resp: 632

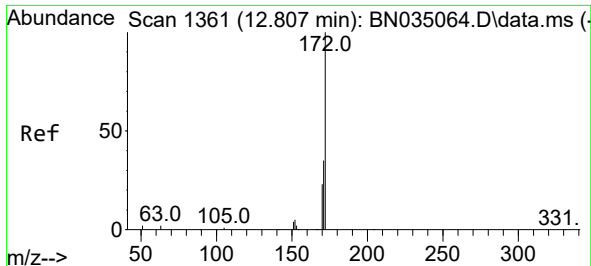
Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

141 35.8 29.6 44.4

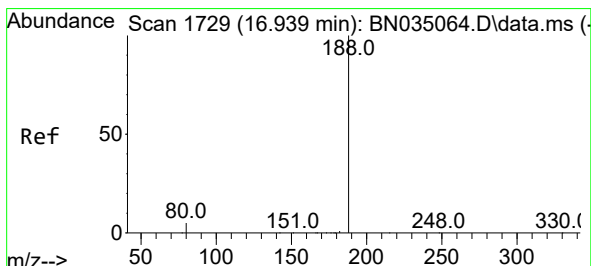
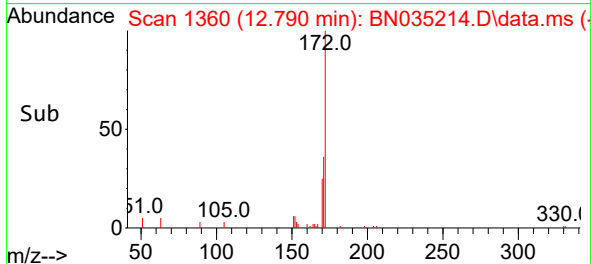
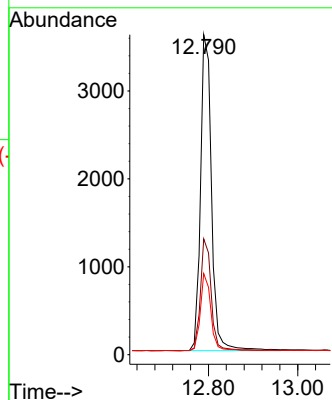
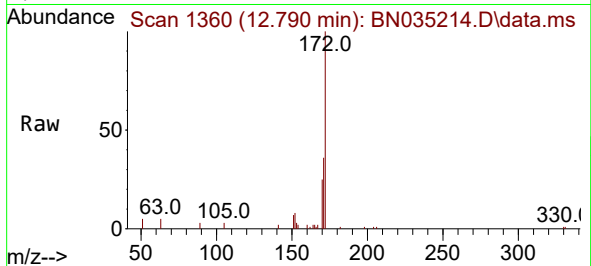




#15  
2-Fluorobiphenyl  
Concen: 0.354 ng  
RT: 12.790 min Scan# 1361  
Delta R.T. -0.007 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

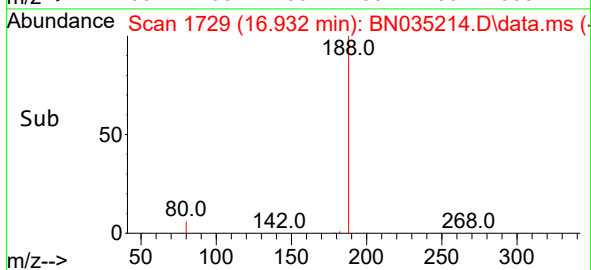
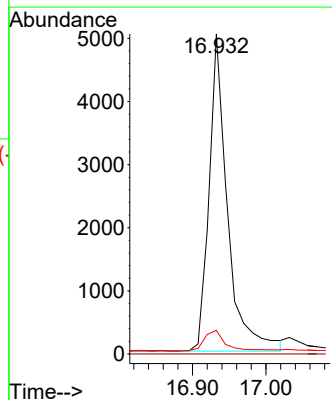
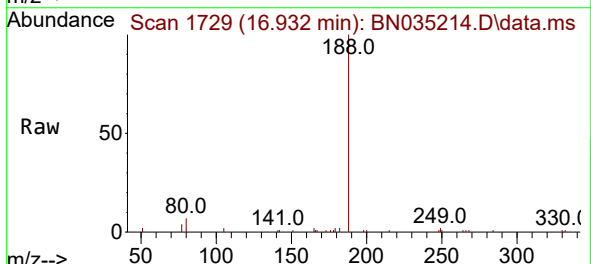
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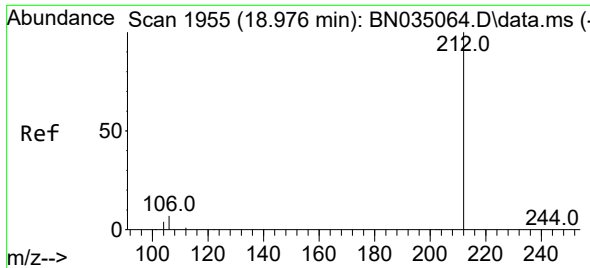
Tgt Ion:172 Resp: 6171  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.2 42.4  
170 25.4 19.0 28.6



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.932 min Scan# 1729  
Delta R.T. 0.005 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

Tgt Ion:188 Resp: 8739  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.4 4.3 6.5

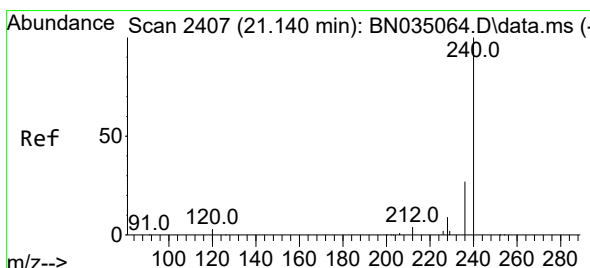
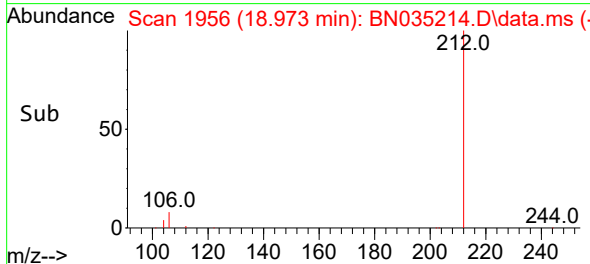
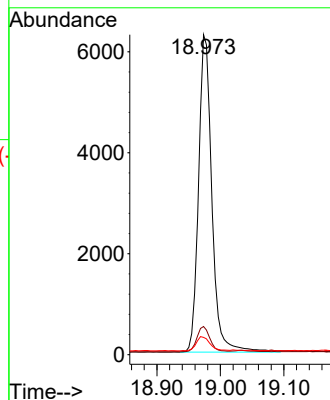
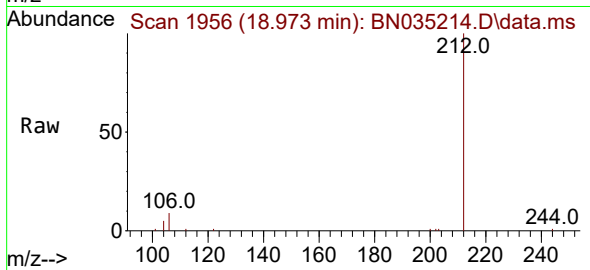




#27  
Fluoranthene-d10  
Concen: 0.343 ng  
RT: 18.973 min Scan# 1956  
Delta R.T. -0.002 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

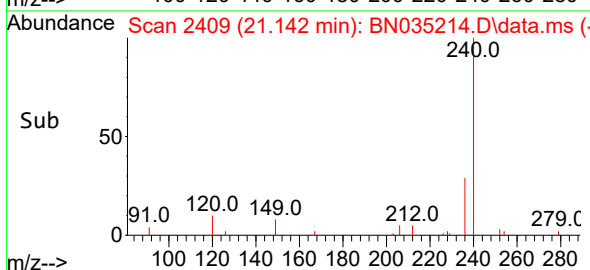
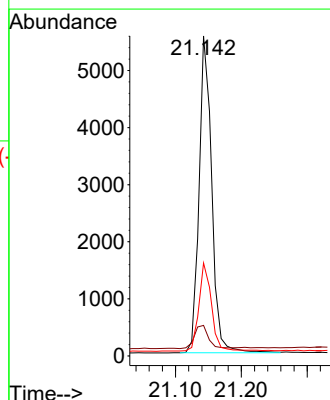
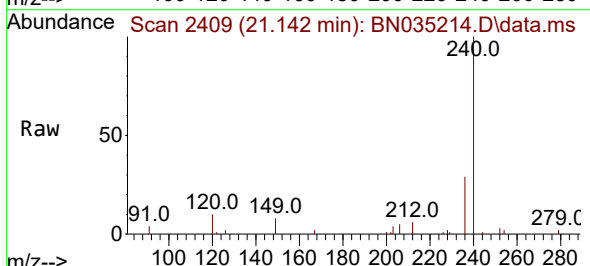
Instrument :  
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RW5-SP100-20241114

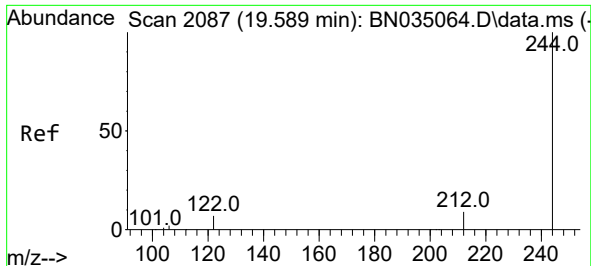
Tgt Ion:212 Resp: 9185  
Ion Ratio Lower Upper  
212 100  
106 7.8 6.0 9.0  
104 4.7 3.5 5.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.142 min Scan# 2409  
Delta R.T. -0.007 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

Tgt Ion:240 Resp: 7416  
Ion Ratio Lower Upper  
240 100  
120 9.5 3.8 5.6#  
236 29.1 22.2 33.2

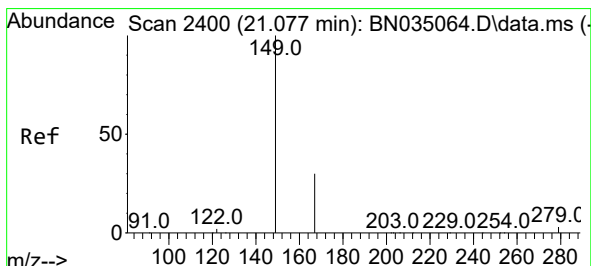
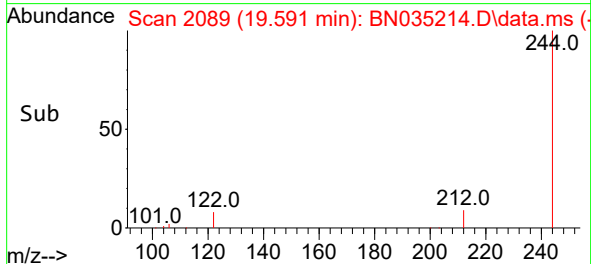
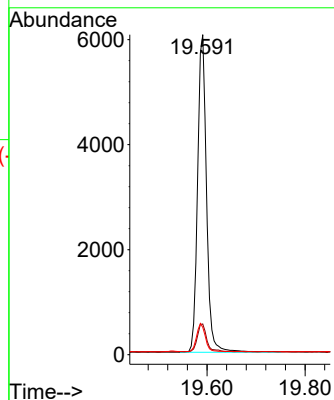
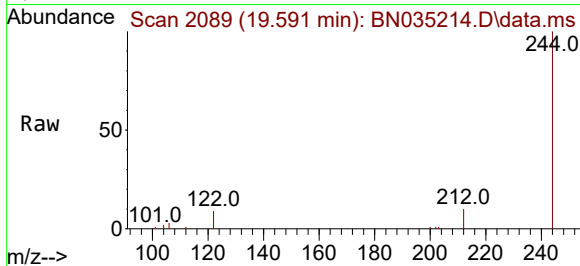




#31  
Terphenyl-d14  
Concen: 0.490 ng  
RT: 19.591 min Scan# 2089  
Delta R.T. 0.002 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

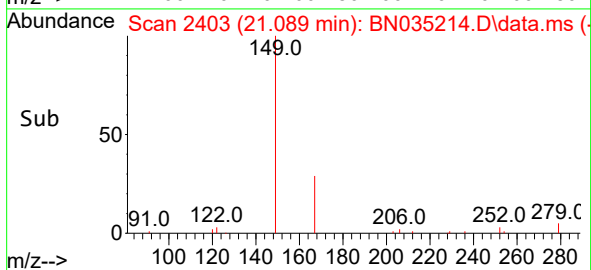
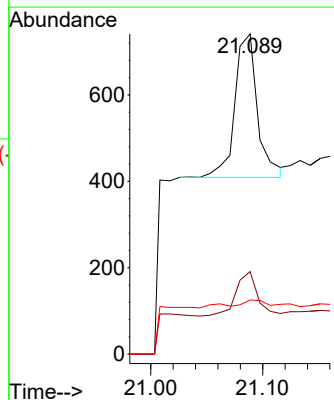
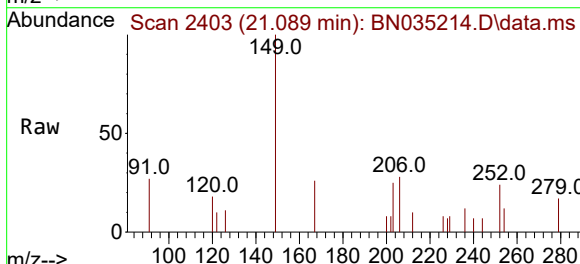
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP100-20241114

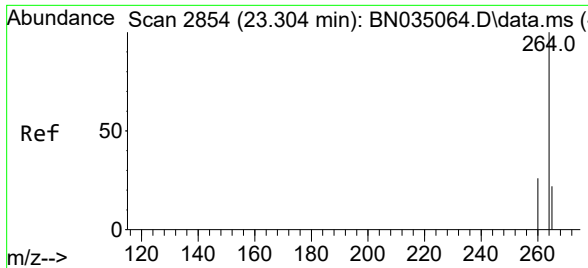
Tgt Ion:244 Resp: 7622  
Ion Ratio Lower Upper  
244 100  
212 9.6 7.6 11.4  
122 8.6 6.1 9.1



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.034 ng  
RT: 21.089 min Scan# 2403  
Delta R.T. 0.002 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

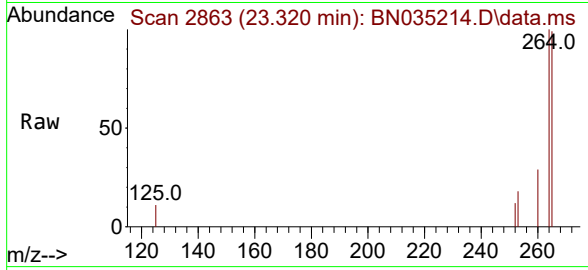
Tgt Ion:149 Resp: 466  
Ion Ratio Lower Upper  
149 100  
167 29.8 23.2 34.8  
279 8.8 3.2 4.8#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.320 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BN035214.D  
Acq: 21 Nov 2024 02:01

Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP100-20241114



Tgt Ion:264 Resp: 5421

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 28.9  | 20.9  | 31.3  |
| 265 | 98.9  | 35.4  | 53.2# |

