

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120924\  
 Data File : BN035519.D  
 Acq On : 09 Dec 2024 22:31  
 Operator : RC/JU  
 Sample : P5166-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP303-20241206

Quant Time: Dec 10 01:28:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 23:03:24 2024  
 Response via : Initial Calibration

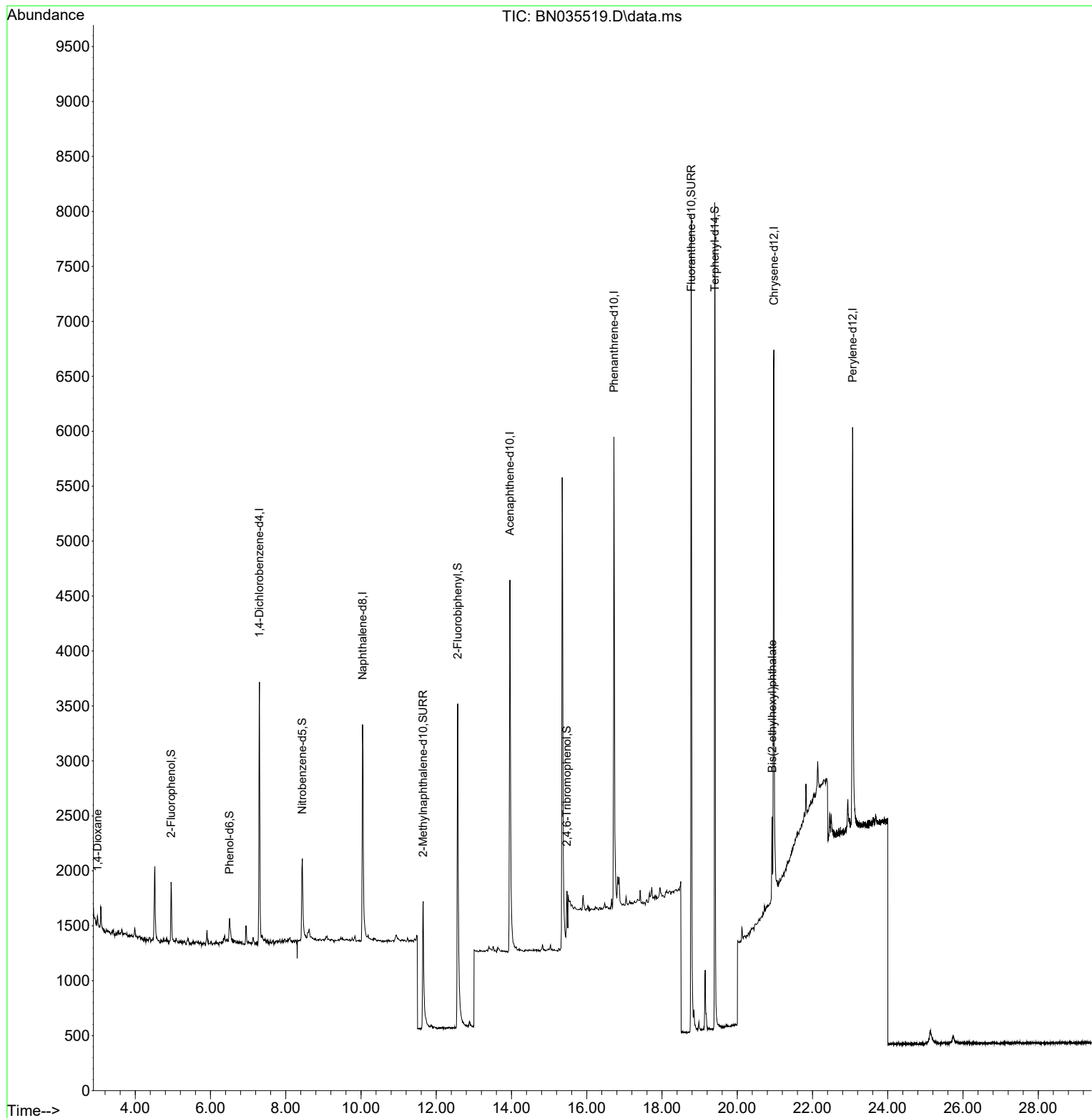
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.301  | 152  | 1257     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.041 | 136  | 3408     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 13.957 | 164  | 2615     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.723 | 188  | 6478     | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 20.974 | 240  | 5571     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.065 | 264  | 5305     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.953  | 112  | 493      | 0.157 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.506  | 99   | 336      | 0.089 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.440  | 82   | 1124     | 0.540 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.651 | 152  | 2396     | 0.449 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.475 | 330  | 543      | 0.293 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.569 | 172  | 4078     | 0.413 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.775 | 212  | 9482     | 0.516 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.403 | 244  | 8094     | 0.737 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 2.996  | 88   | 56       | 0.047 | ng    | # 54     |
| 34) Bis(2-ethylhexyl)phtha... | 20.929 | 149  | 808      | 0.105 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

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

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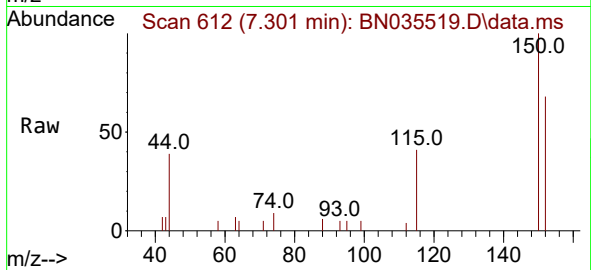
Quant Time: Dec 10 01:28:35 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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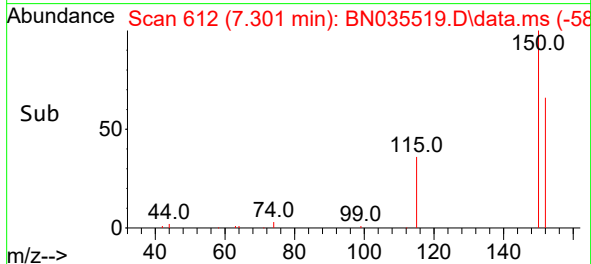
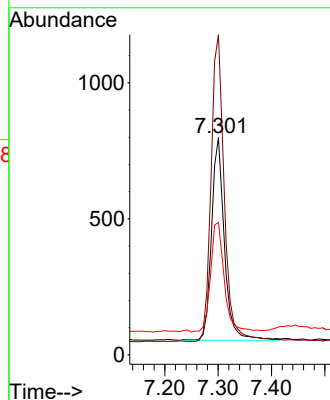


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.301 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN035519.D  
 Acq: 09 Dec 2024 22:31

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP303-20241206

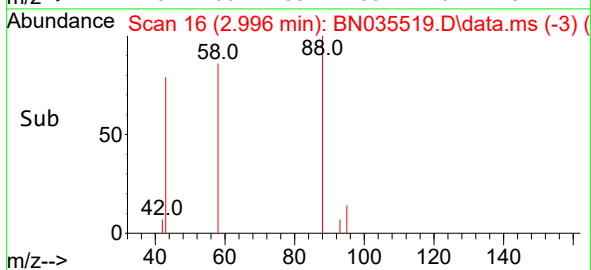
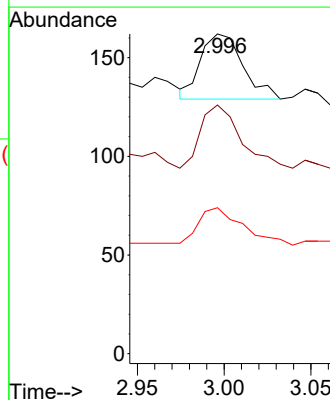
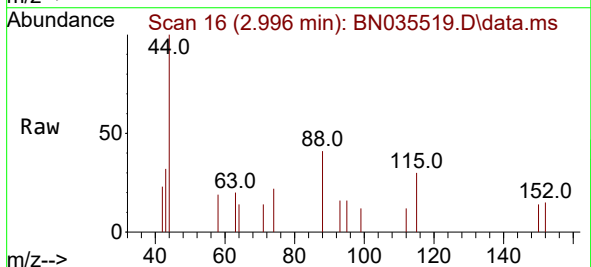


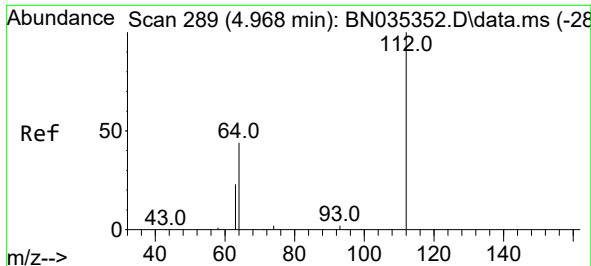
Tgt Ion:152 Resp: 1257  
 Ion Ratio Lower Upper  
 152 100  
 150 147.3 124.0 186.0  
 115 61.0 49.6 74.4



#2  
 1,4-Dioxane  
 Concen: 0.047 ng  
 RT: 2.996 min Scan# 16  
 Delta R.T. -0.007 min  
 Lab File: BN035519.D  
 Acq: 09 Dec 2024 22:31

Tgt Ion: 88 Resp: 56  
 Ion Ratio Lower Upper  
 88 100  
 43 91.1 17.2 25.8#  
 58 60.7 44.5 66.7

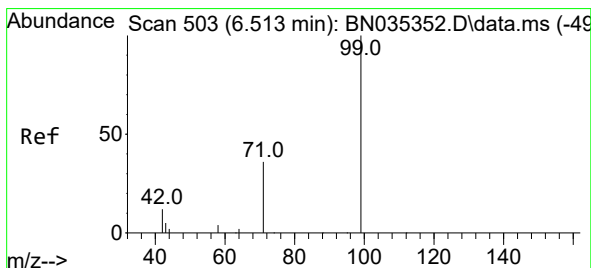
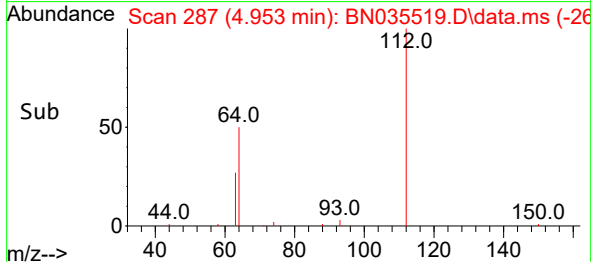
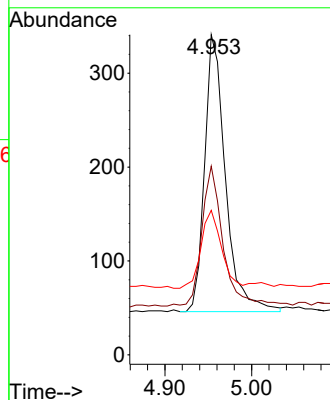
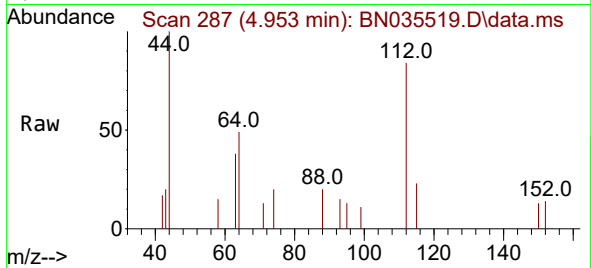




#4  
2-Fluorophenol  
Concen: 0.157 ng  
RT: 4.953 min Scan# 21  
Delta R.T. -0.014 min  
Lab File: BN035519.D  
Acq: 09 Dec 2024 22:31

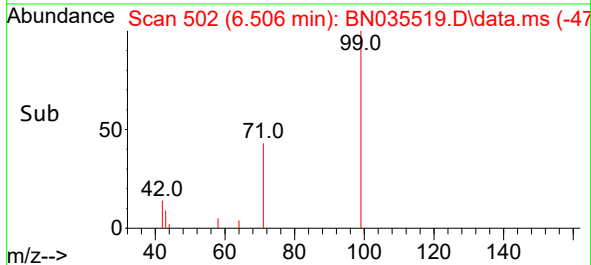
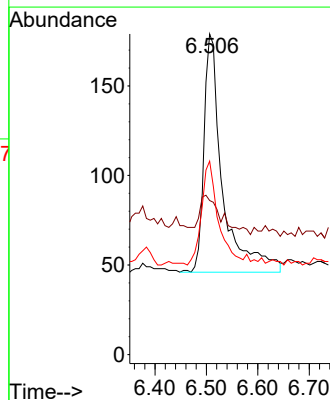
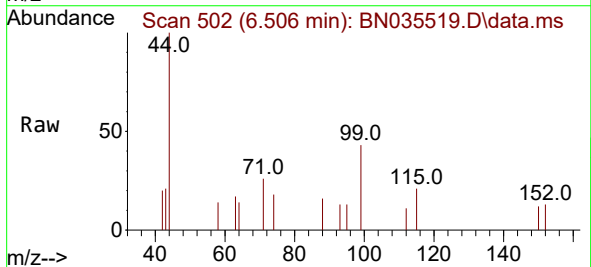
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP303-20241206

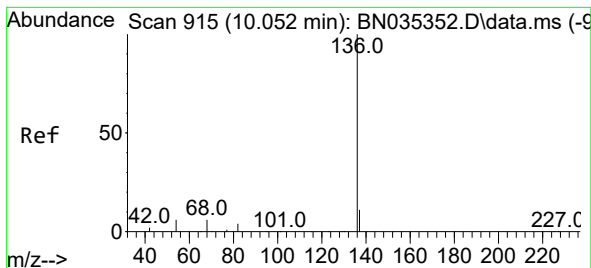
Tgt Ion:112 Resp: 493  
Ion Ratio Lower Upper  
112 100  
64 51.5 39.8 59.8  
63 27.4 21.0 31.6



#5  
Phenol-d6  
Concen: 0.089 ng  
RT: 6.506 min Scan# 502  
Delta R.T. -0.007 min  
Lab File: BN035519.D  
Acq: 09 Dec 2024 22:31

Tgt Ion: 99 Resp: 336  
Ion Ratio Lower Upper  
99 100  
42 18.8 11.4 17.2#  
71 39.3 29.3 43.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.041 min Scan# 915

Delta R.T. -0.011 min

Lab File: BN035519.D

Acq: 09 Dec 2024 22:31

Instrument :

BNA\_N

ClientSampleId :

RW5-SP303-20241206

Tgt Ion:136 Resp: 3408

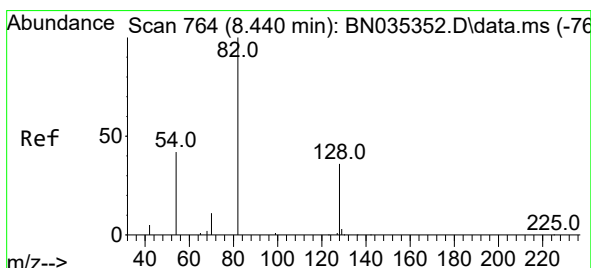
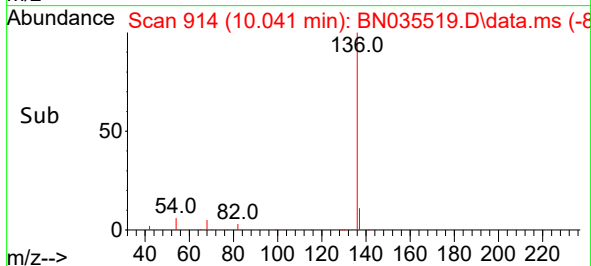
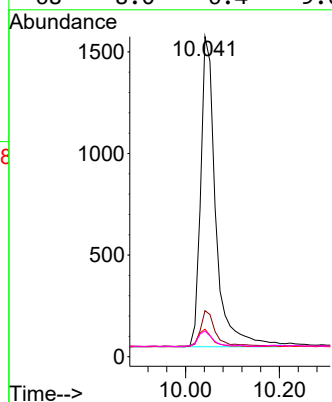
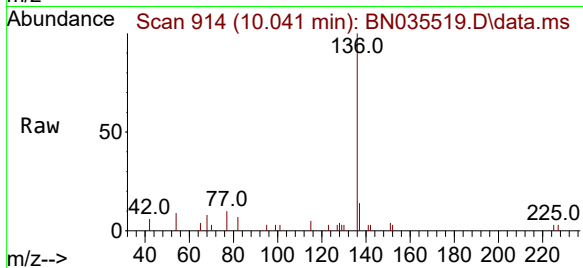
Ion Ratio Lower Upper

136 100

137 14.4 10.2 15.2

54 8.6 6.1 9.1

68 8.0 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.540 ng

RT: 8.440 min Scan# 764

Delta R.T. 0.000 min

Lab File: BN035519.D

Acq: 09 Dec 2024 22:31

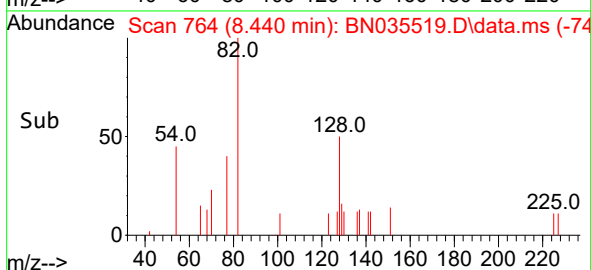
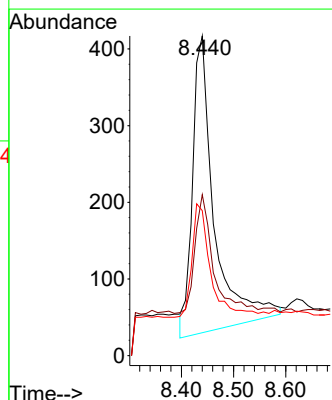
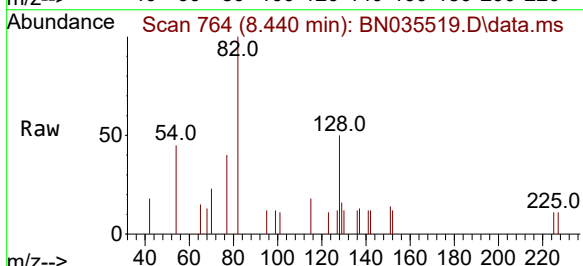
Tgt Ion: 82 Resp: 1124

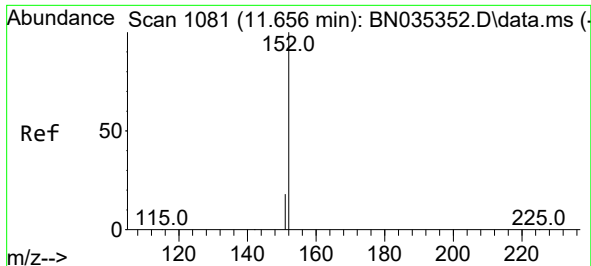
Ion Ratio Lower Upper

82 100

128 50.4 33.4 50.0#

54 45.3 36.7 55.1

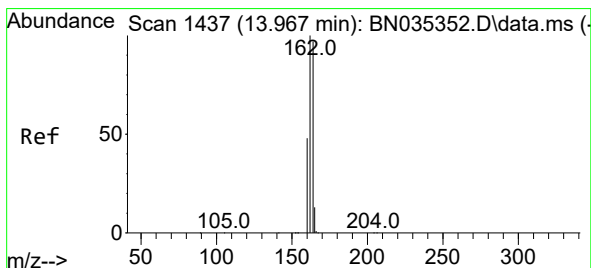
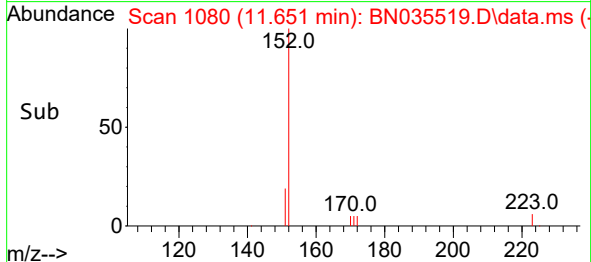
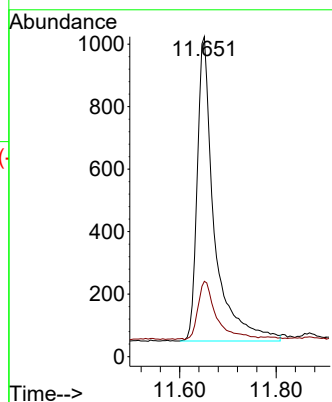
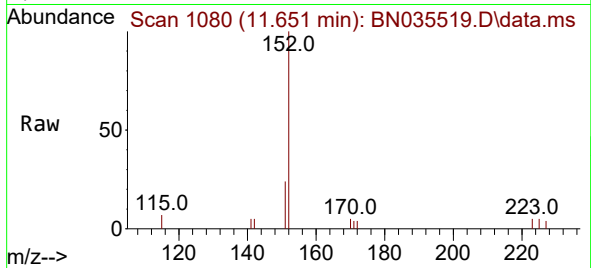




#11  
2-Methylnaphthalene-d10  
Concen: 0.449 ng  
RT: 11.651 min Scan# 1080  
Delta R.T. -0.005 min  
Lab File: BN035519.D  
Acq: 09 Dec 2024 22:31

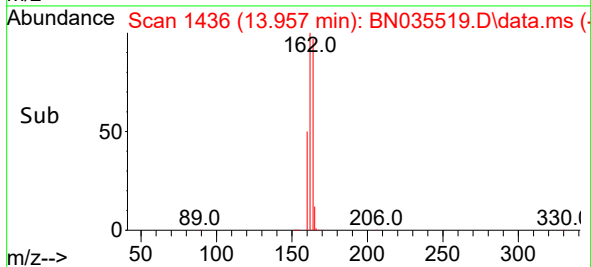
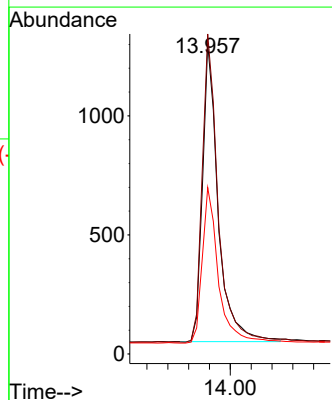
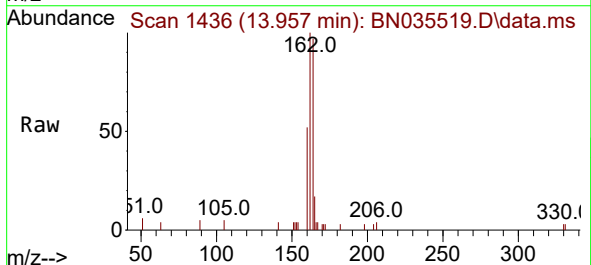
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP303-20241206

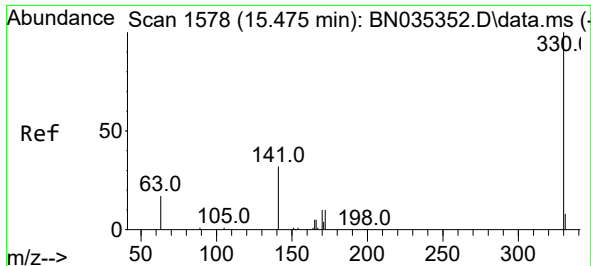
Tgt Ion:152 Resp: 2396  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.6 25.0



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 13.957 min Scan# 1436  
Delta R.T. -0.011 min  
Lab File: BN035519.D  
Acq: 09 Dec 2024 22:31

Tgt Ion:164 Resp: 2615  
Ion Ratio Lower Upper  
164 100  
162 103.1 82.2 123.2  
160 53.6 40.1 60.1

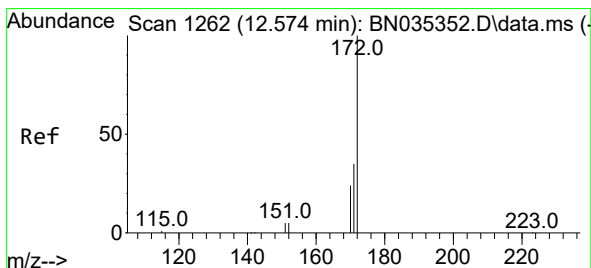
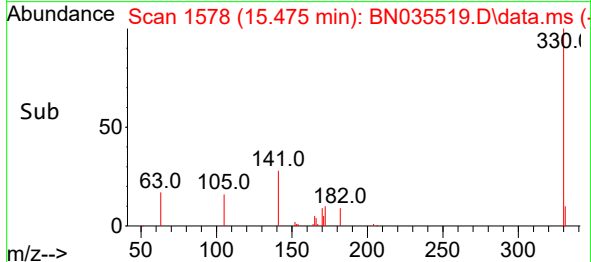
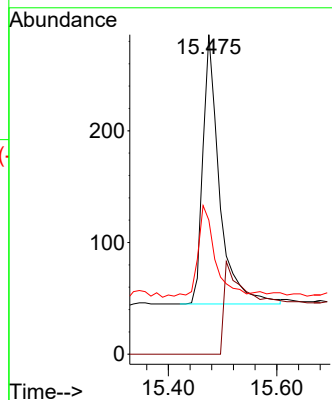
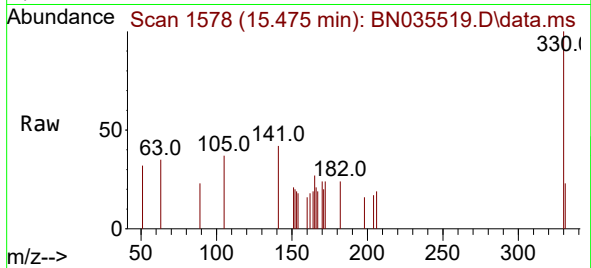




#14  
2,4,6-Tribromophenol  
Concen: 0.293 ng  
RT: 15.475 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN035519.D  
Acq: 09 Dec 2024 22:31

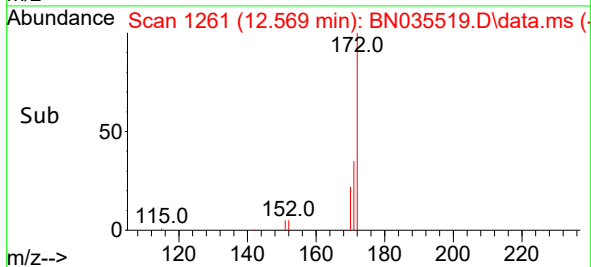
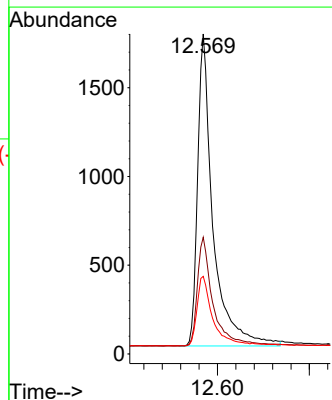
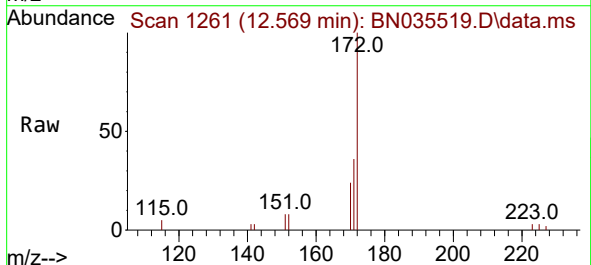
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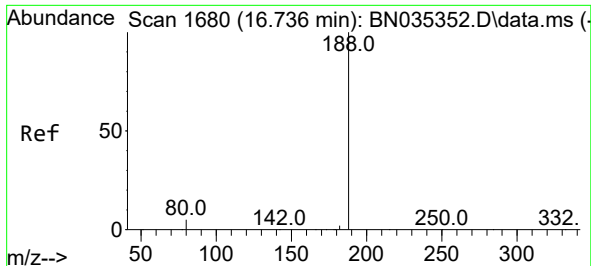
Tgt Ion:330 Resp: 543  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 33.1 26.6 40.0



#15  
2-Fluorobiphenyl  
Concen: 0.413 ng  
RT: 12.569 min Scan# 1261  
Delta R.T. -0.005 min  
Lab File: BN035519.D  
Acq: 09 Dec 2024 22:31

Tgt Ion:172 Resp: 4078  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.0 43.4  
170 24.2 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.723 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN035519.D

Acq: 09 Dec 2024 22:31

Instrument :

BNA\_N

ClientSampleId :

RW5-SP303-20241206

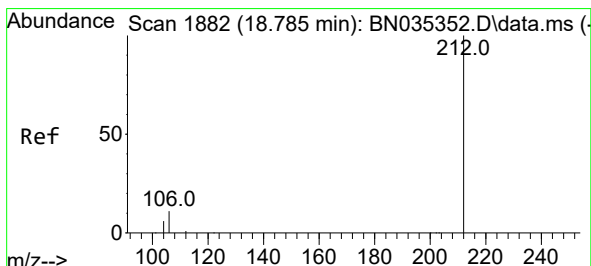
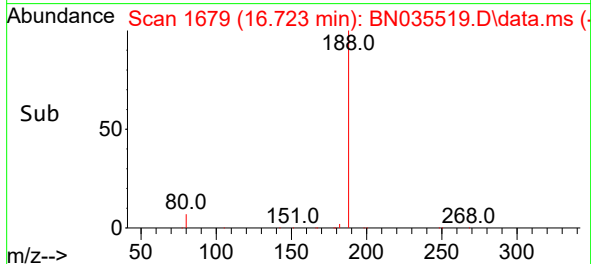
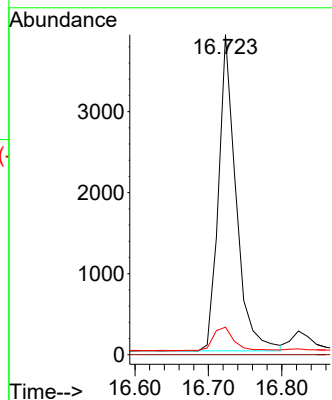
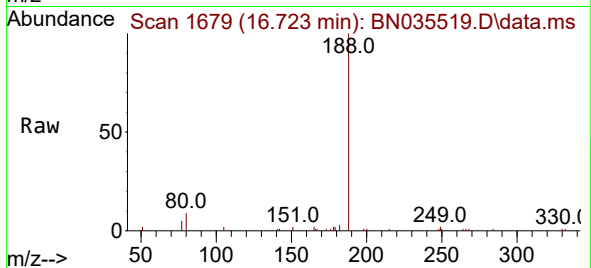
Tgt Ion:188 Resp: 6478

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.516 ng

RT: 18.775 min Scan# 1880

Delta R.T. -0.009 min

Lab File: BN035519.D

Acq: 09 Dec 2024 22:31

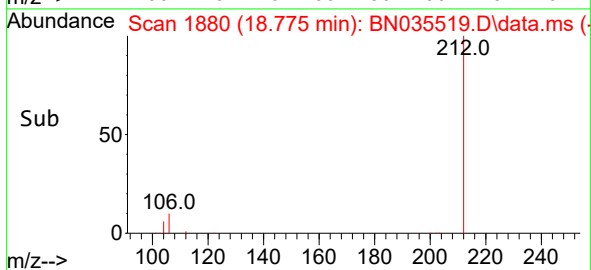
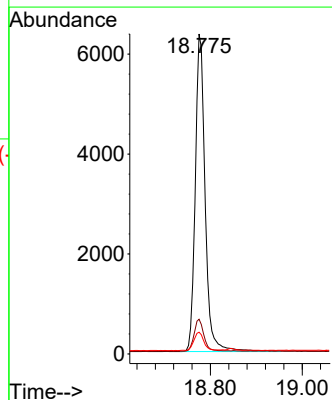
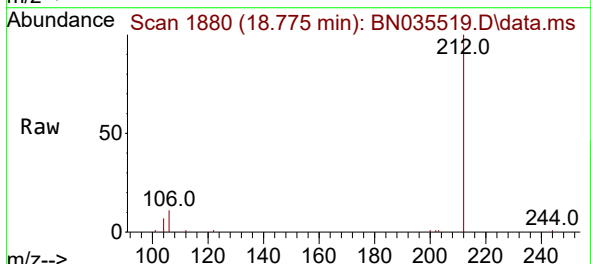
Tgt Ion:212 Resp: 9482

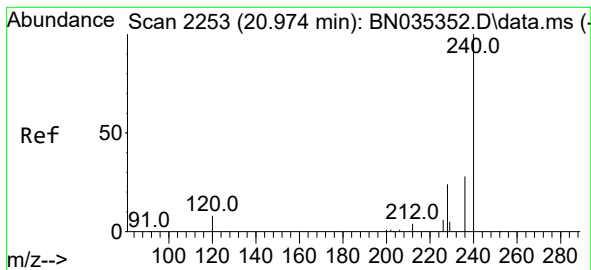
Ion Ratio Lower Upper

212 100

106 10.0 9.2 13.8

104 5.8 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.974 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN035519.D

Acq: 09 Dec 2024 22:31

Instrument :

BNA\_N

ClientSampleId :

RW5-SP303-20241206

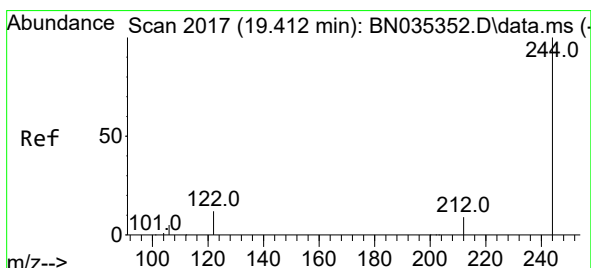
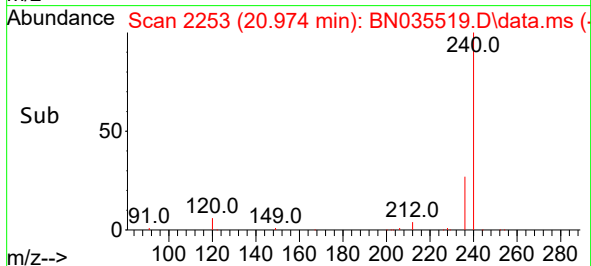
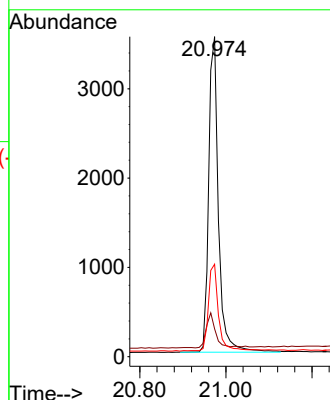
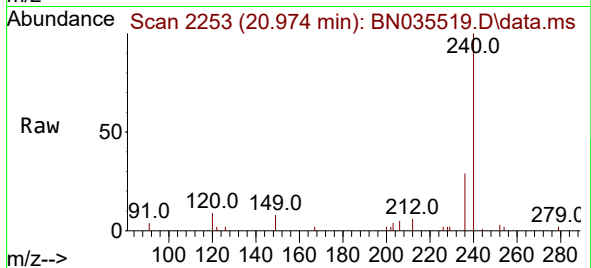
Tgt Ion:240 Resp: 5571

Ion Ratio Lower Upper

240 100

120 8.7 7.9 11.9

236 28.9 22.9 34.3



#31

Terphenyl-d14

Concen: 0.737 ng

RT: 19.403 min Scan# 2015

Delta R.T. -0.009 min

Lab File: BN035519.D

Acq: 09 Dec 2024 22:31

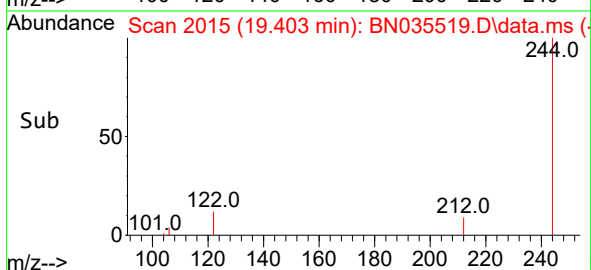
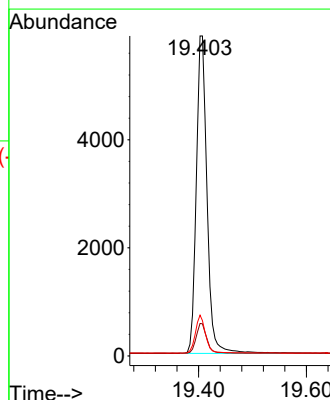
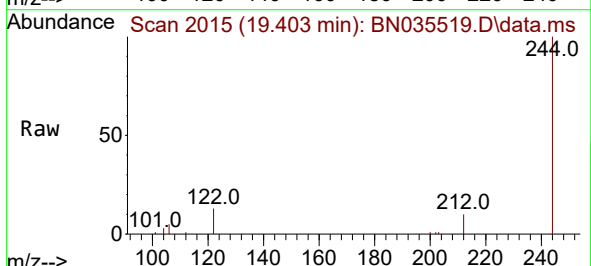
Tgt Ion:244 Resp: 8094

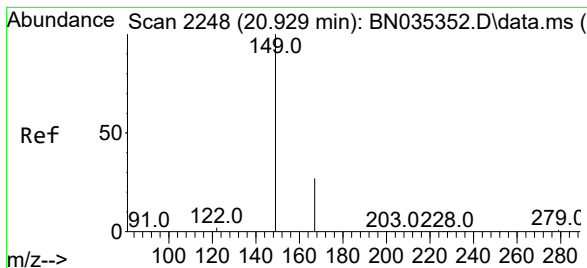
Ion Ratio Lower Upper

244 100

212 10.1 8.1 12.1

122 12.7 10.3 15.5

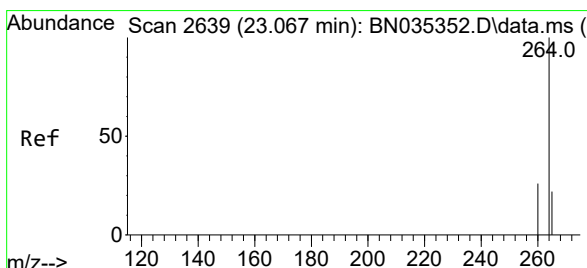
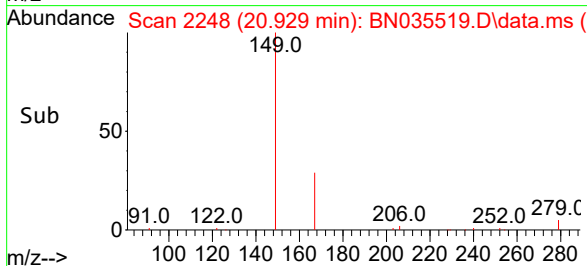
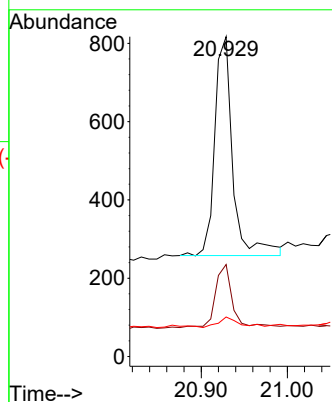
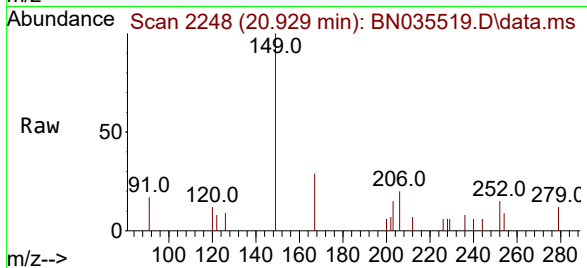




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.105 ng  
RT: 20.929 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BN035519.D  
Acq: 09 Dec 2024 22:31

Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP303-20241206

Tgt Ion:149 Resp: 808  
Ion Ratio Lower Upper  
149 100  
167 27.1 22.2 33.4  
279 5.7 2.7 4.1#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.065 min Scan# 2638  
Delta R.T. -0.003 min  
Lab File: BN035519.D  
Acq: 09 Dec 2024 22:31

Tgt Ion:264 Resp: 5305  
Ion Ratio Lower Upper  
264 100  
260 27.3 21.4 32.2  
265 77.5 40.2 60.4#

