

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092624\  
 Data File : BN034263.D  
 Acq On : 27 Sep 2024 04:20  
 Operator : RC/JU  
 Sample : PB163672BL  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB163672BL

Quant Time: Sep 27 05:18:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 26 14:44:02 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.402  | 152  | 4938     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.159 | 136  | 12503    | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10        | 14.051 | 164  | 6141     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 16.808 | 188  | 9955     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12            | 21.026 | 240  | 6647     | 0.400 | ng    | # 0.01   |
| 35) Perylene-d12            | 23.133 | 264  | 6562     | 0.400 | ng    | # 0.00   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.040  | 112  | 3968     | 0.283 | ng    | 0.00     |
| 5) Phenol-d6                | 6.607  | 99   | 2465     | 0.151 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.557  | 82   | 2358     | 0.247 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10 | 11.765 | 152  | 5097     | 0.276 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 15.579 | 330  | 164      | 0.059 | ng    | 0.03     |
| 15) 2-Fluorobiphenyl        | 12.672 | 172  | 7125     | 0.285 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 18.848 | 212  | 8273     | 0.329 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.470 | 244  | 4850     | 0.365 | ng    | 0.00     |

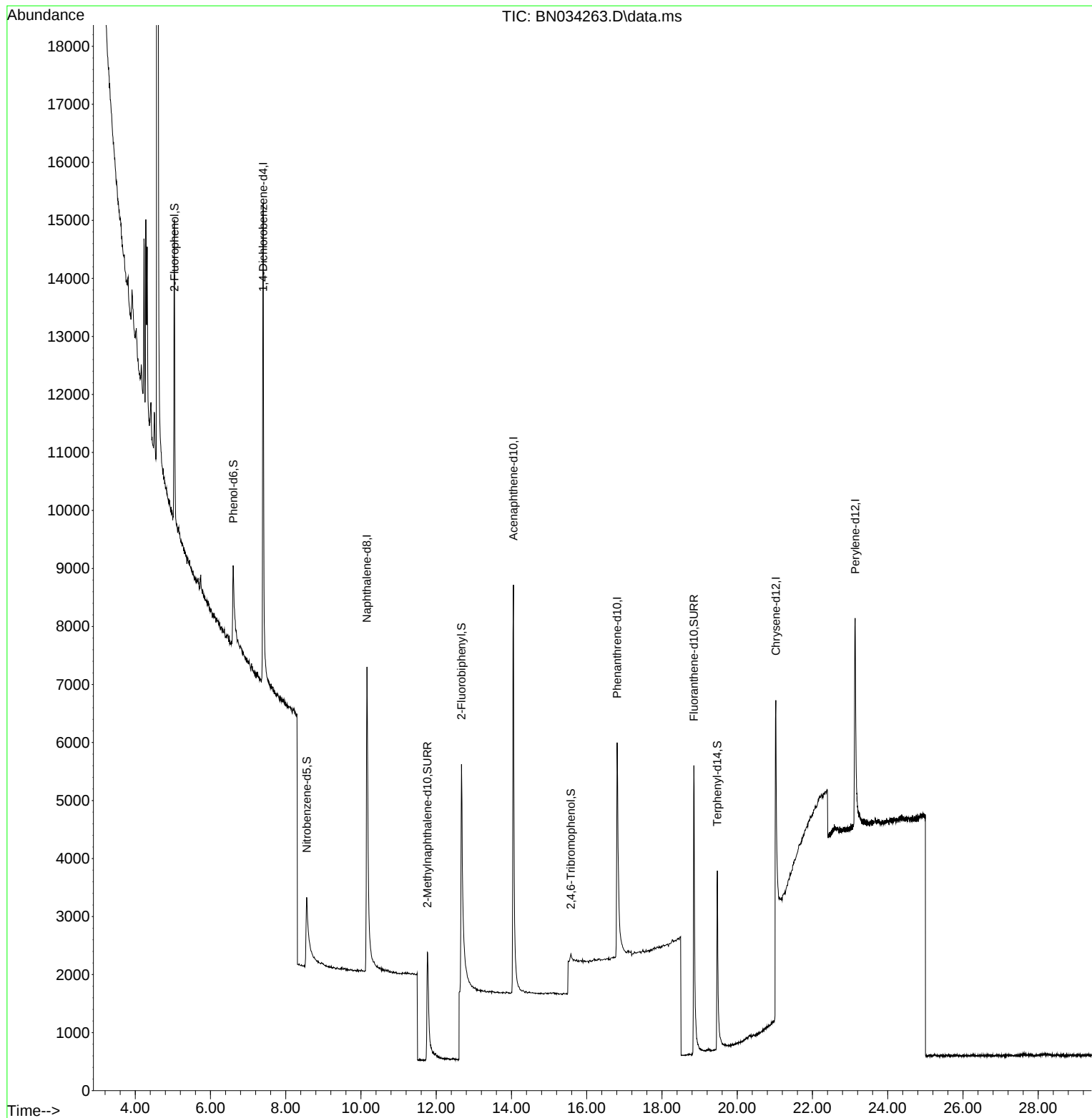
Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092624\  
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Response via : Initial Calibration

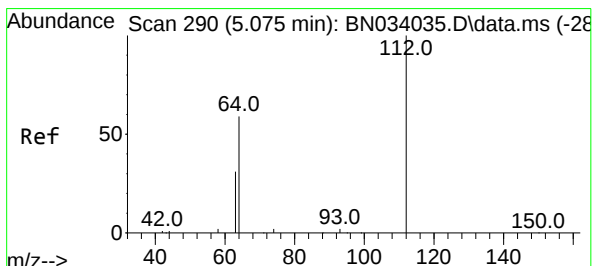
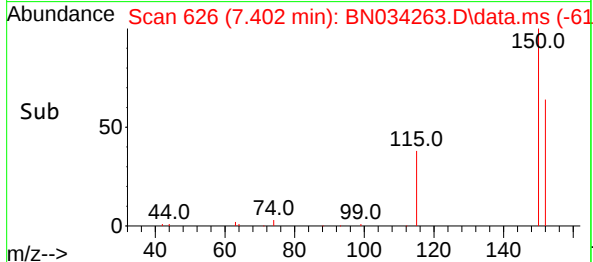
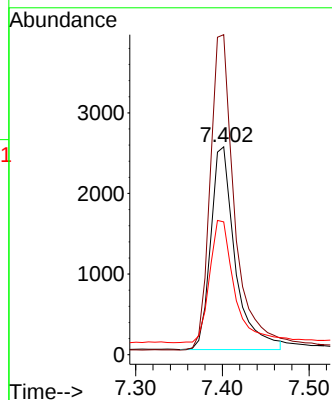
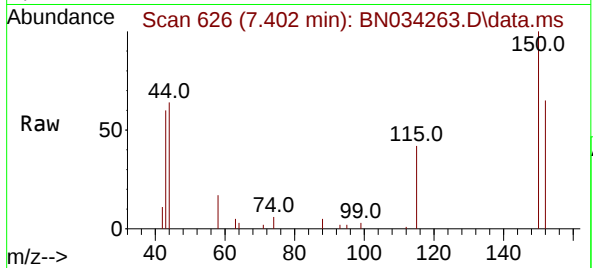




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.402 min Scan# 617  
Delta R.T. 0.008 min  
Lab File: BN034263.D  
Acq: 27 Sep 2024 04:20

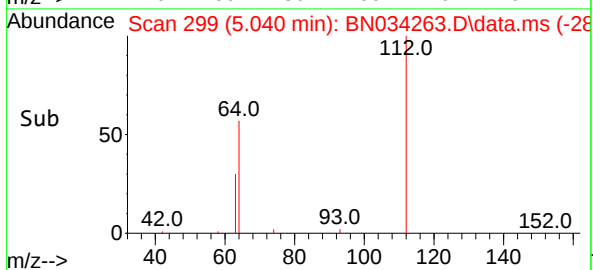
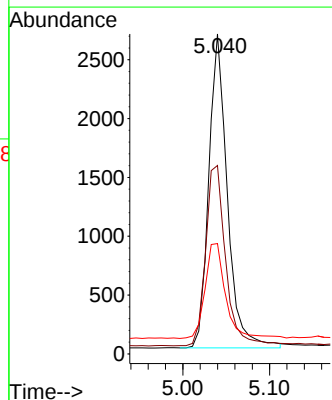
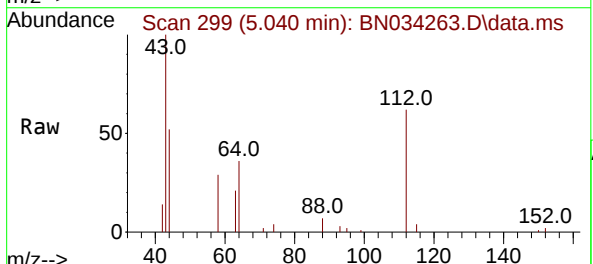
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BNA\_N  
ClientSampleId :  
PB163672BL

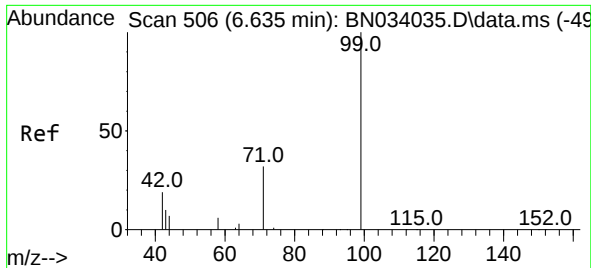
Tgt Ion:152 Resp: 4938  
Ion Ratio Lower Upper  
152 100  
150 154.0 124.6 187.0  
115 63.9 50.0 75.0



#4  
2-Fluorophenol  
Concen: 0.283 ng  
RT: 5.040 min Scan# 299  
Delta R.T. 0.007 min  
Lab File: BN034263.D  
Acq: 27 Sep 2024 04:20

Tgt Ion:112 Resp: 3968  
Ion Ratio Lower Upper  
112 100  
64 62.0 48.6 72.8  
63 33.5 25.6 38.4





#5

Phenol-d6

Concen: 0.151 ng

RT: 6.607 min Scan# 516

Delta R.T. 0.007 min

Lab File: BN034263.D

Acq: 27 Sep 2024 04:20

Instrument :

BNA\_N

ClientSampleId :

PB163672BL

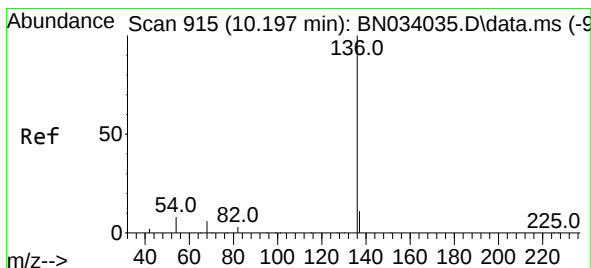
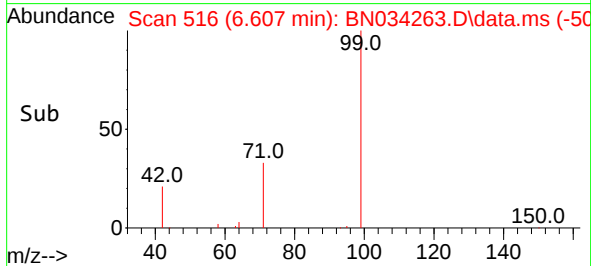
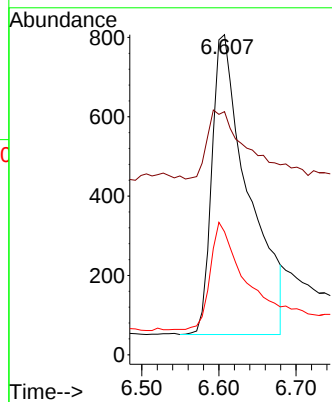
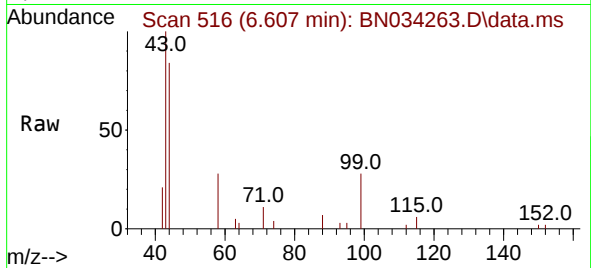
Tgt Ion: 99 Resp: 2465

Ion Ratio Lower Upper

99 100

42 24.1 17.8 26.8

71 35.0 26.2 39.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.159 min Scan# 925

Delta R.T. 0.011 min

Lab File: BN034263.D

Acq: 27 Sep 2024 04:20

Tgt Ion:136 Resp: 12503

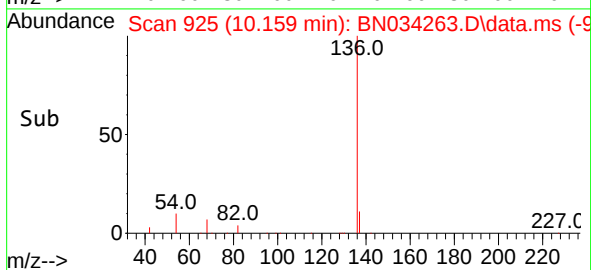
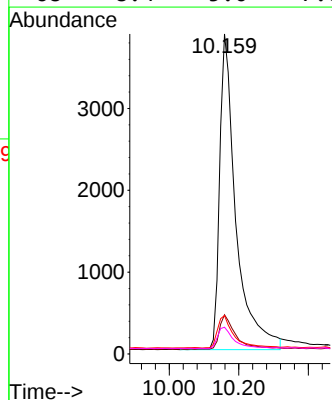
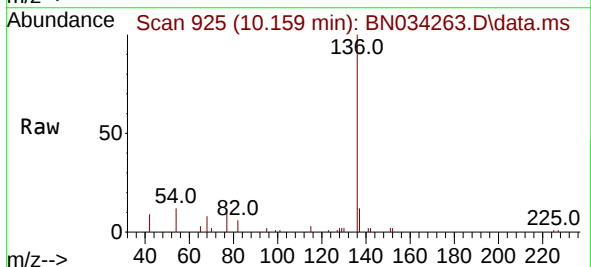
Ion Ratio Lower Upper

136 100

137 12.3 9.0 13.6

54 12.0 6.8 10.2#

68 8.4 5.0 7.6#

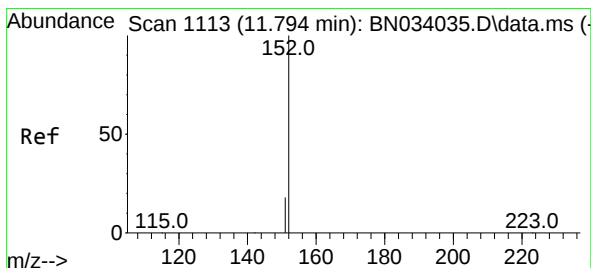
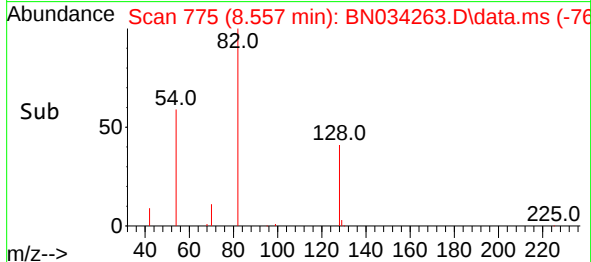
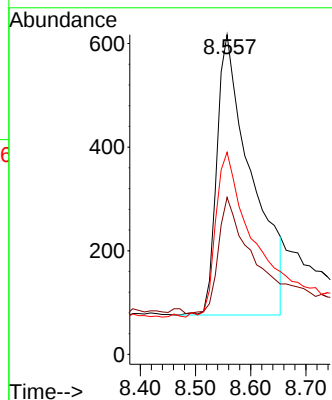
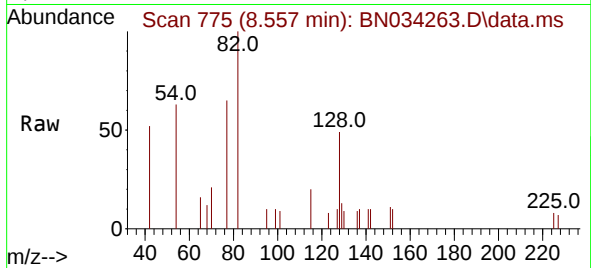




#8  
Nitrobenzene-d5  
Concen: 0.247 ng  
RT: 8.557 min Scan# 71  
Delta R.T. 0.021 min  
Lab File: BN034263.D  
Acq: 27 Sep 2024 04:20

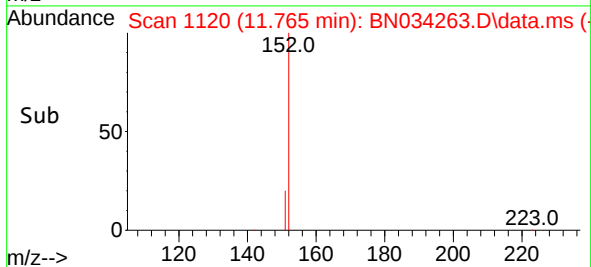
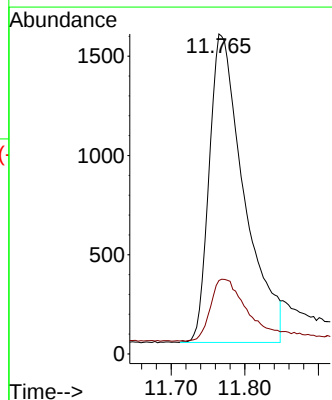
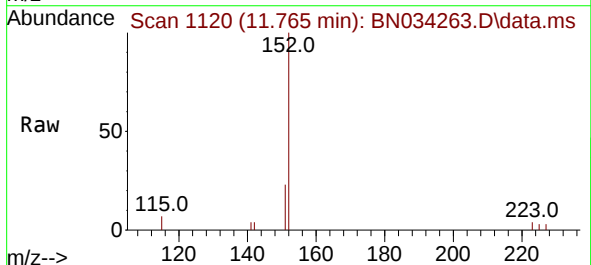
Instrument :  
BNA\_N  
ClientSampleId :  
PB163672BL

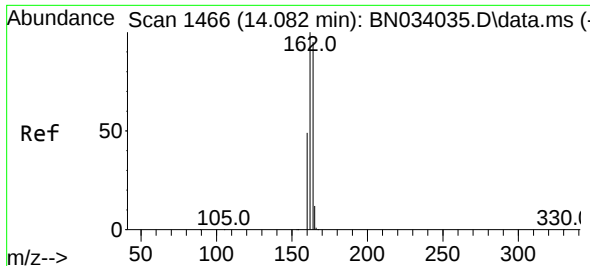
Tgt Ion: 82 Resp: 2358  
Ion Ratio Lower Upper  
82 100  
128 49.1 31.4 47.2#  
54 63.2 47.4 71.0



#11  
2-Methylnaphthalene-d10  
Concen: 0.276 ng  
RT: 11.765 min Scan# 1120  
Delta R.T. 0.011 min  
Lab File: BN034263.D  
Acq: 27 Sep 2024 04:20

Tgt Ion:152 Resp: 5097  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.8 25.2

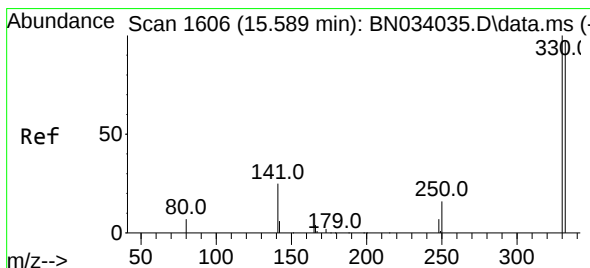
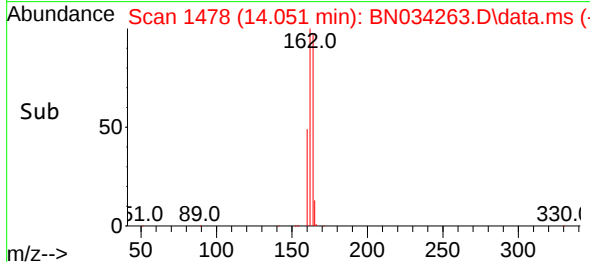
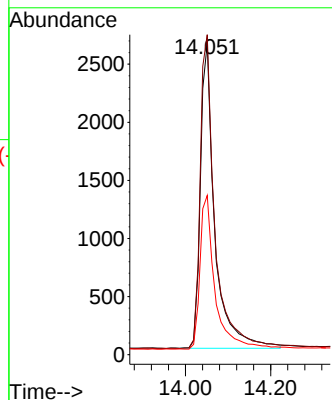
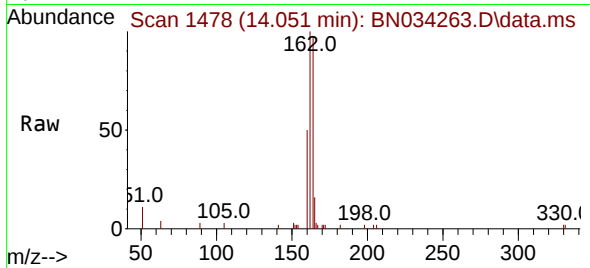




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.051 min Scan# 14  
Delta R.T. 0.004 min  
Lab File: BN034263.D  
Acq: 27 Sep 2024 04:20

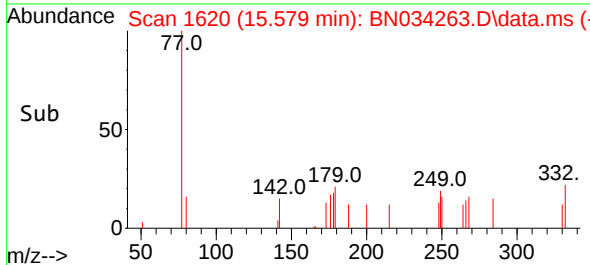
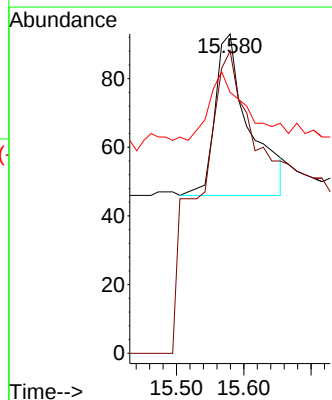
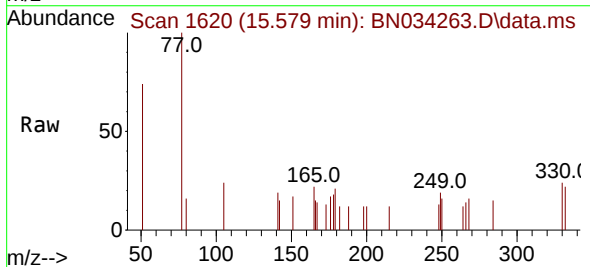
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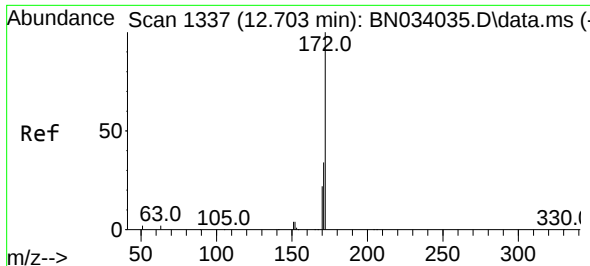
Tgt Ion:164 Resp: 6141  
Ion Ratio Lower Upper  
164 100  
162 102.8 84.2 126.2  
160 51.1 41.7 62.5



#14  
2,4,6-Tribromophenol  
Concen: 0.059 ng  
RT: 15.579 min Scan# 1620  
Delta R.T. 0.030 min  
Lab File: BN034263.D  
Acq: 27 Sep 2024 04:20

Tgt Ion:330 Resp: 164  
Ion Ratio Lower Upper  
330 100  
332 328.0 77.4 116.0#  
141 42.7 35.9 53.9

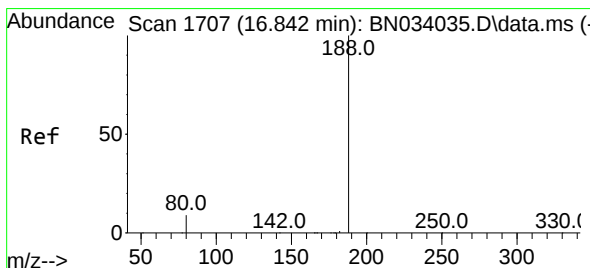
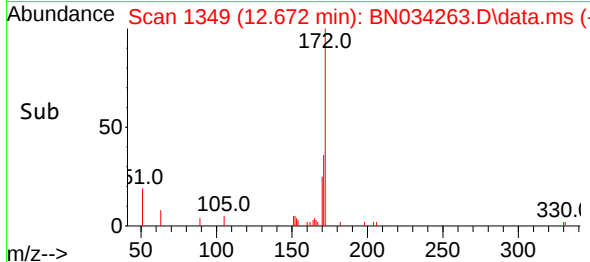
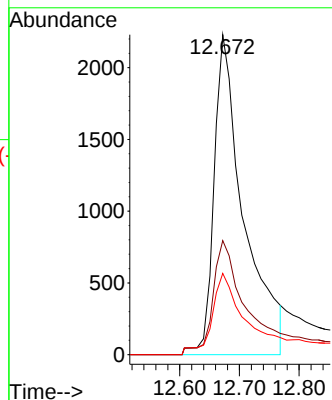
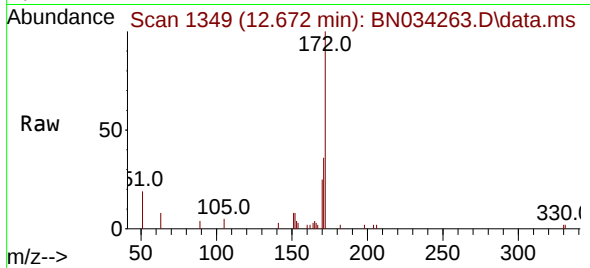




#15  
2-Fluorobiphenyl  
Concen: 0.285 ng  
RT: 12.672 min Scan# 11  
Delta R.T. 0.015 min  
Lab File: BN034263.D  
Acq: 27 Sep 2024 04:20

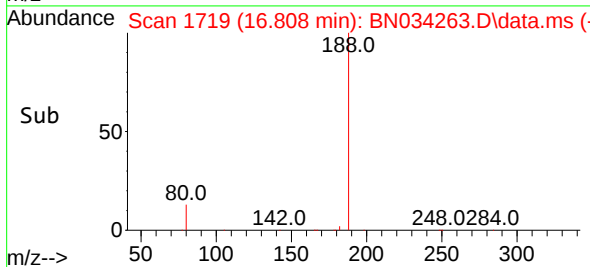
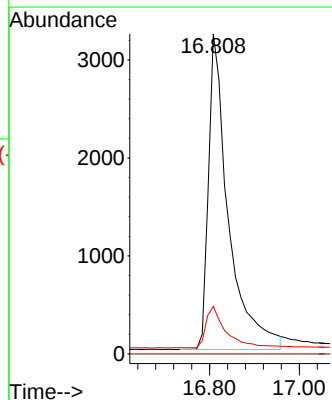
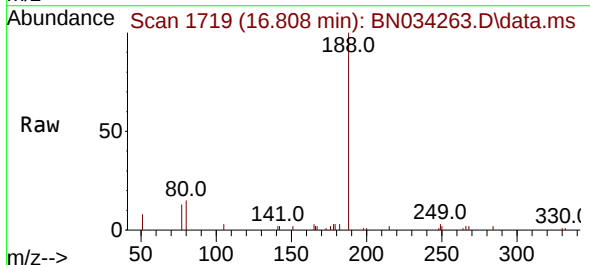
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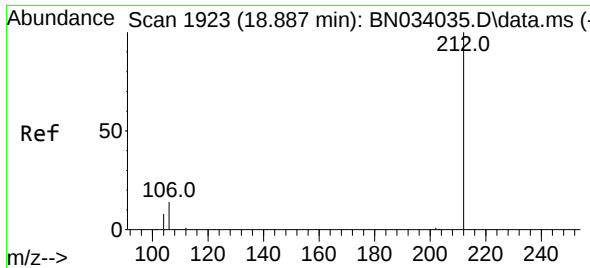
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 7125  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.7  | 27.3  | 40.9  |
| 170      | 25.4  | 18.1  | 27.1  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.808 min Scan# 1719  
Delta R.T. 0.006 min  
Lab File: BN034263.D  
Acq: 27 Sep 2024 04:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 9955  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 14.9  | 7.4   | 11.0  |

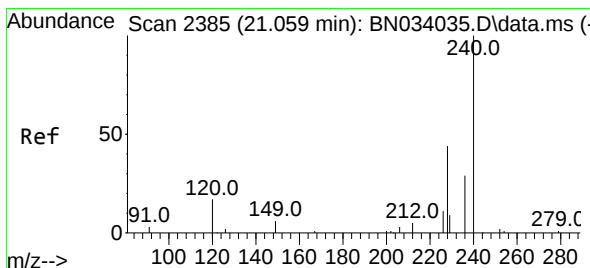
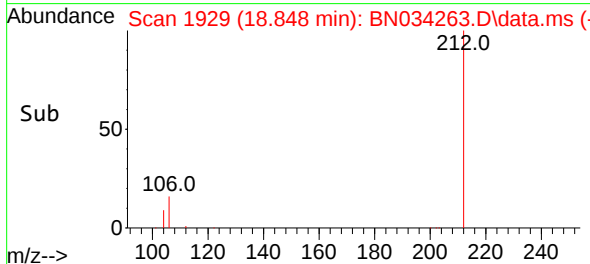
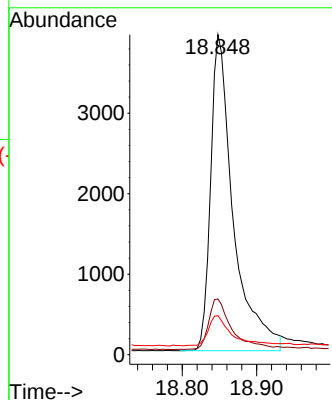
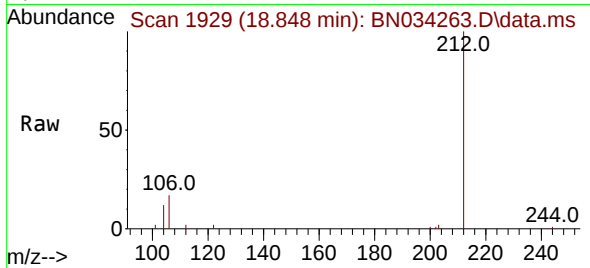




#27  
Fluoranthene-d10  
Concen: 0.329 ng  
RT: 18.848 min Scan# 1929  
Delta R.T. 0.002 min  
Lab File: BN034263.D  
Acq: 27 Sep 2024 04:20

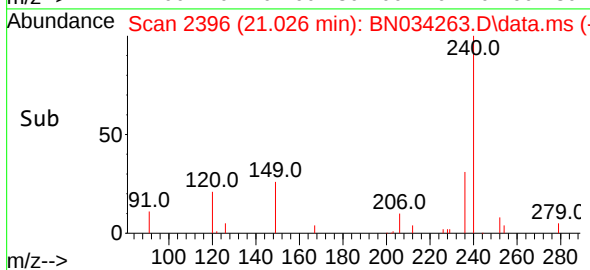
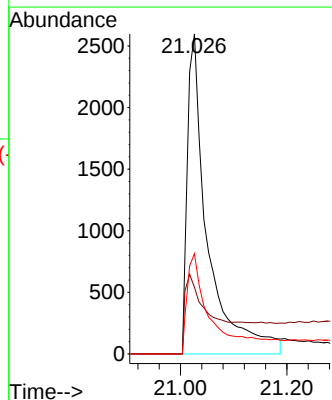
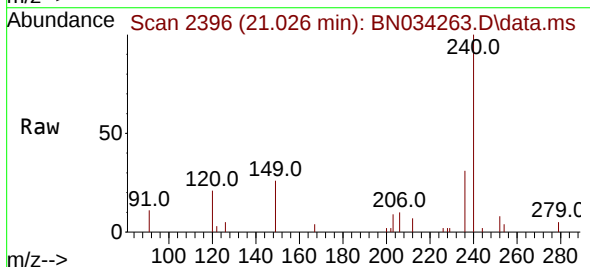
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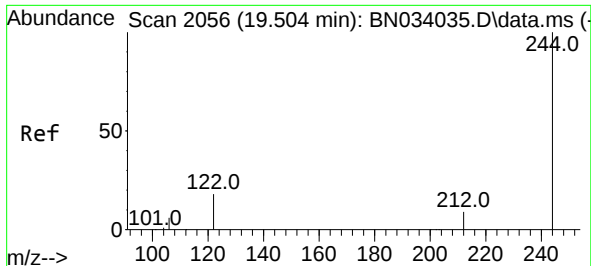
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Ion Ratio Lower Upper  
212 100  
106 16.6 13.4 20.2  
104 10.1 7.8 11.6



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.026 min Scan# 2396  
Delta R.T. 0.011 min  
Lab File: BN034263.D  
Acq: 27 Sep 2024 04:20

Tgt Ion:240 Resp: 6647  
Ion Ratio Lower Upper  
240 100  
120 20.9 13.5 20.3#  
236 31.3 23.4 35.0

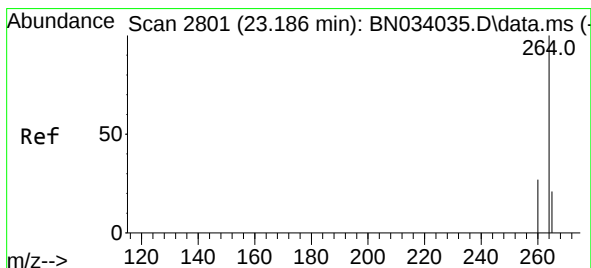
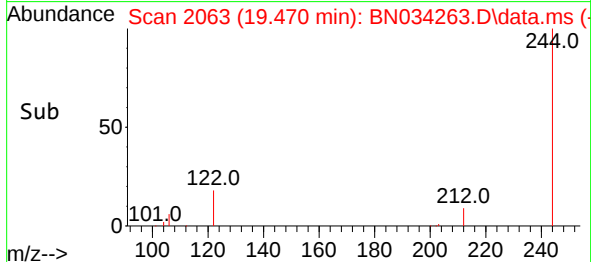
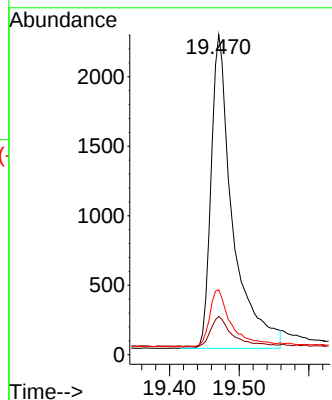
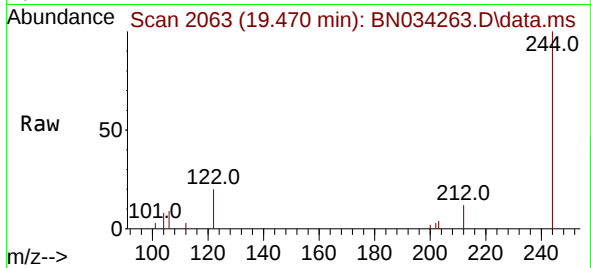




#31  
 Terphenyl-d14  
 Concen: 0.365 ng  
 RT: 19.470 min Scan# 2056  
 Delta R.T. 0.002 min  
 Lab File: BN034263.D  
 Acq: 27 Sep 2024 04:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB163672BL

Tgt Ion:244 Resp: 4850  
 Ion Ratio Lower Upper  
 244 100  
 212 11.9 7.8 11.6#  
 122 20.3 14.8 22.2



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.133 min Scan# 2799  
 Delta R.T. 0.005 min  
 Lab File: BN034263.D  
 Acq: 27 Sep 2024 04:20

Tgt Ion:264 Resp: 6562  
 Ion Ratio Lower Upper  
 264 100  
 260 27.2 21.7 32.5  
 265 129.7 52.1 78.1#

