

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101922\  
 Data File : BN022181.D  
 Acq On : 18 Oct 2022 17:27  
 Operator : CG/JU  
 Sample : PB148416BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB148416BL

Quant Time: Oct 19 02:09:25 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 19 02:07:41 2022  
 Response via : Initial Calibration

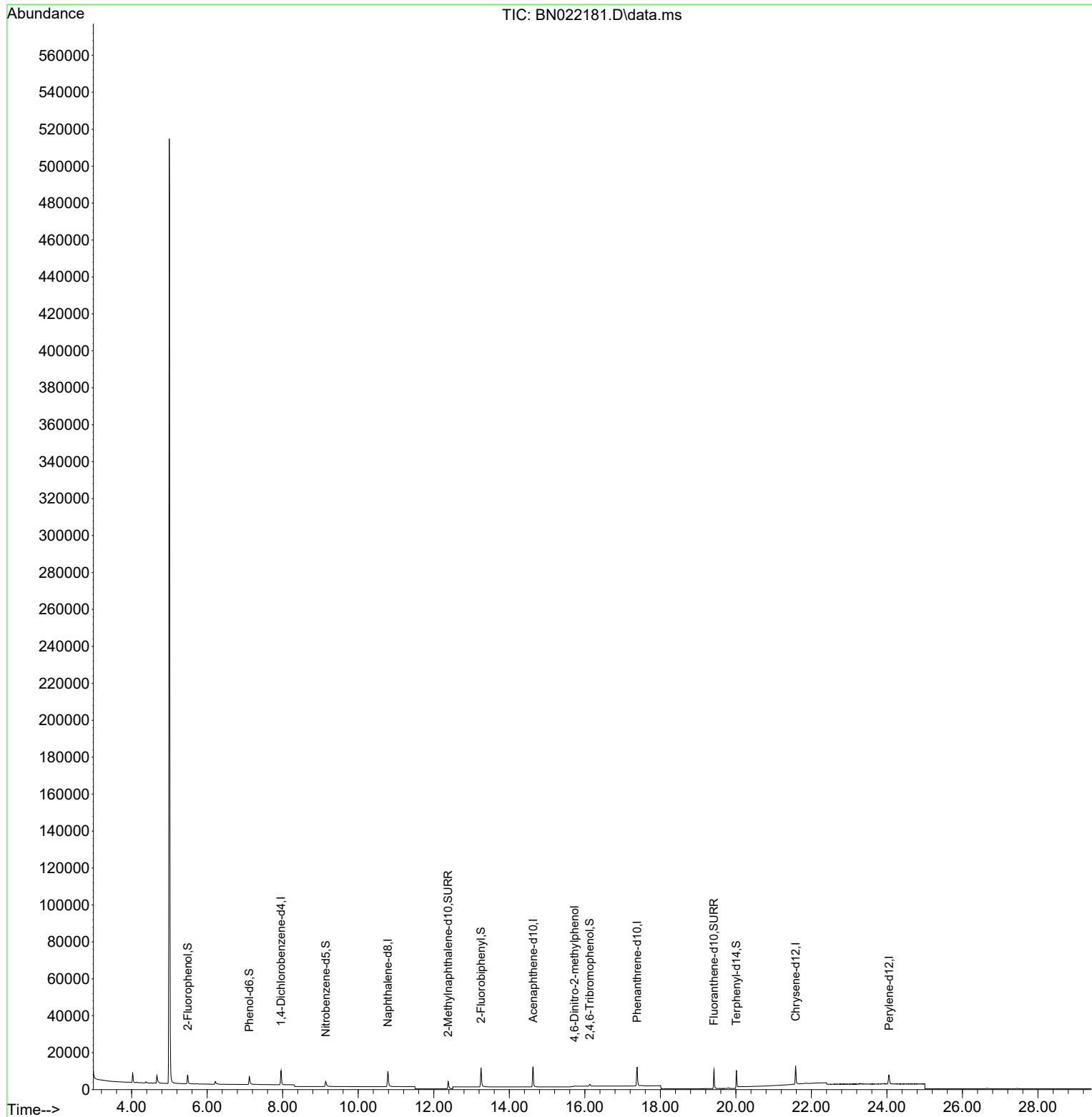
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.956  | 152  | 4128     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.784 | 136  | 13066    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.632 | 164  | 7654     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.387 | 188  | 15458    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.582 | 240  | 9355     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.055 | 264  | 7453     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.486  | 112  | 4413     | 0.461 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.119  | 99   | 5447     | 0.439 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.140  | 82   | 3471     | 0.330 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.383 | 152  | 7349     | 0.306 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.133 | 330  | 694      | 0.238 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.253 | 172  | 10638    | 0.318 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.420 | 212  | 11710    | 0.285 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.014 | 244  | 6974     | 0.371 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.724 | 198  | 9        | 0.195 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

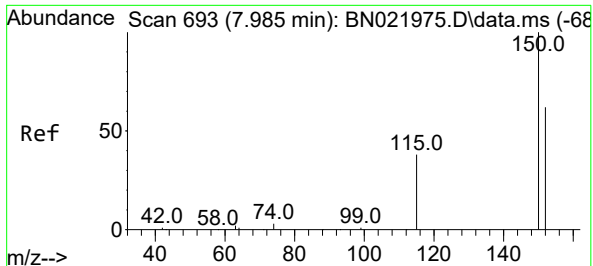
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101922\  
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Instrument :  
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PB148416BL

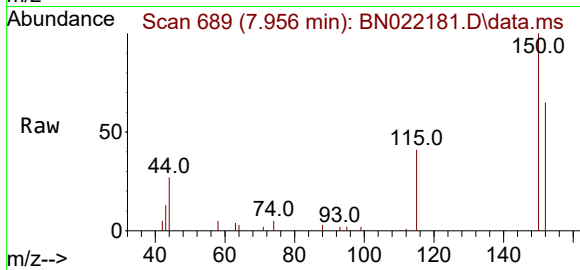
Quant Time: Oct 19 02:09:25 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 19 02:07:41 2022  
Response via : Initial Calibration



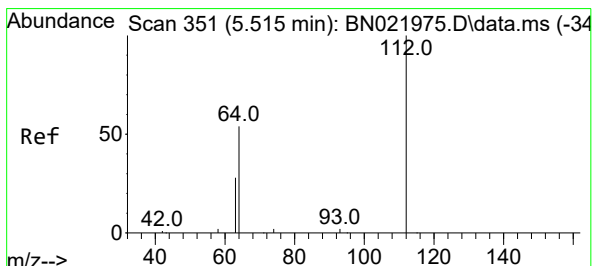
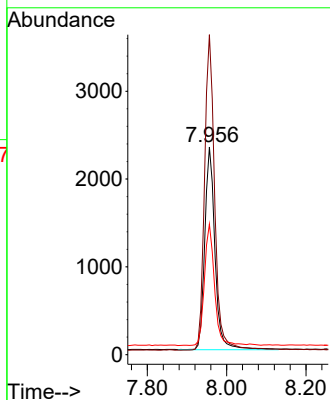
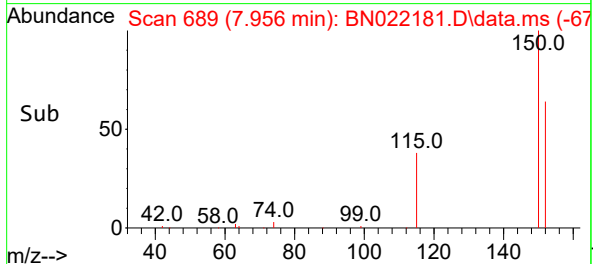


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.956 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

Instrument :  
BNA\_N  
ClientSampleId :  
PB148416BL

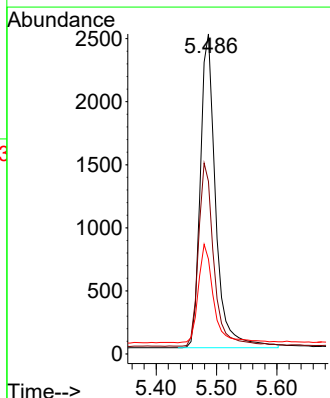
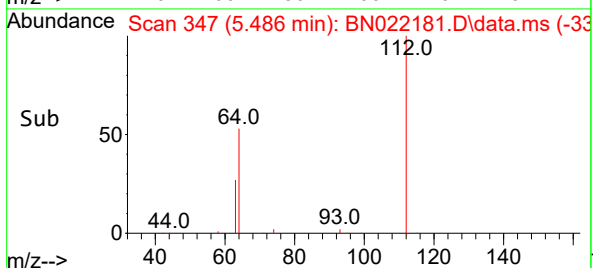
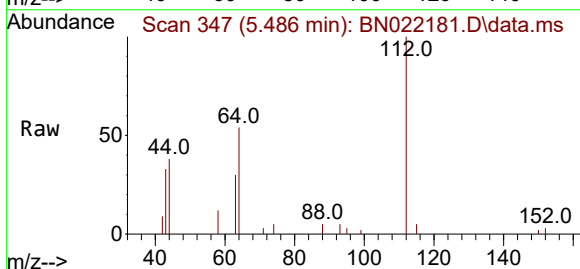


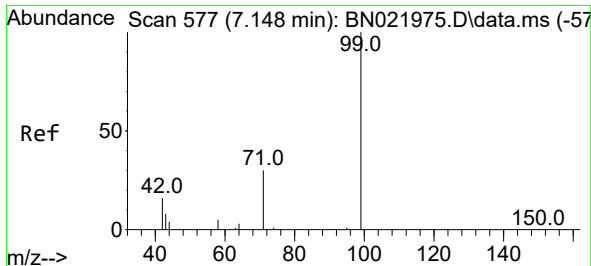
Tgt Ion:152 Resp: 4128  
Ion Ratio Lower Upper  
152 100  
150 154.1 127.2 190.8  
115 62.9 51.4 77.0



#4  
2-Fluorophenol  
Concen: 0.461 ng  
RT: 5.486 min Scan# 347  
Delta R.T. 0.007 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

Tgt Ion:112 Resp: 4413  
Ion Ratio Lower Upper  
112 100  
64 58.5 46.9 70.3  
63 31.1 24.6 37.0

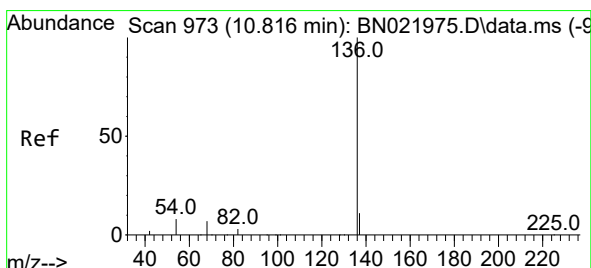
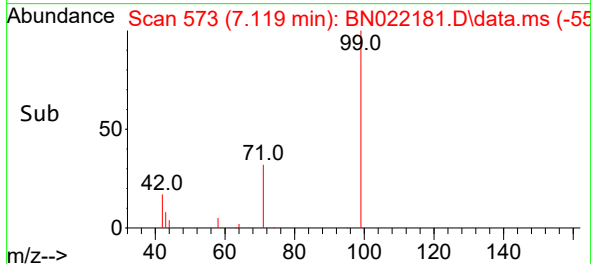
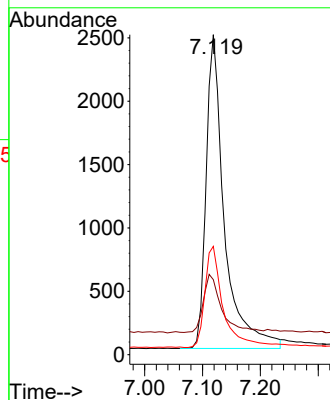
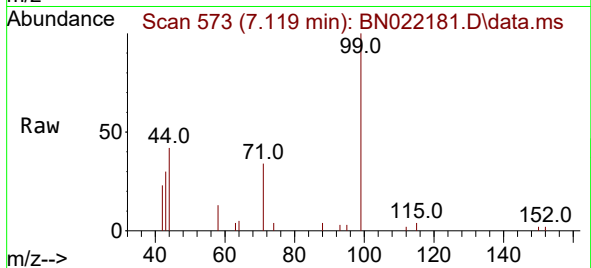




#5  
Phenol-d6  
Concen: 0.439 ng  
RT: 7.119 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

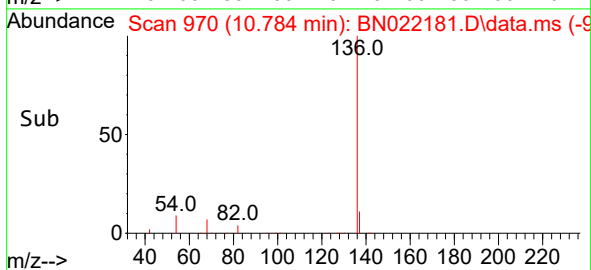
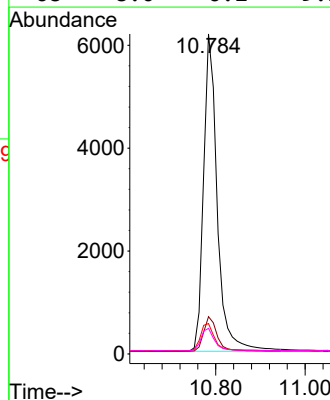
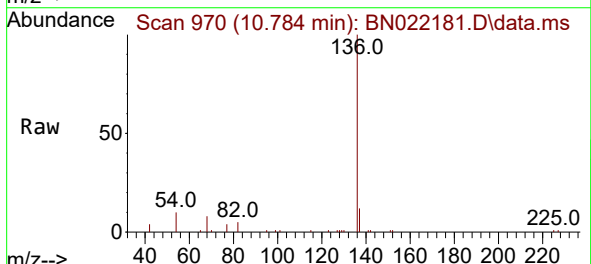
Instrument :  
BNA\_N  
ClientSampleId :  
PB148416BL

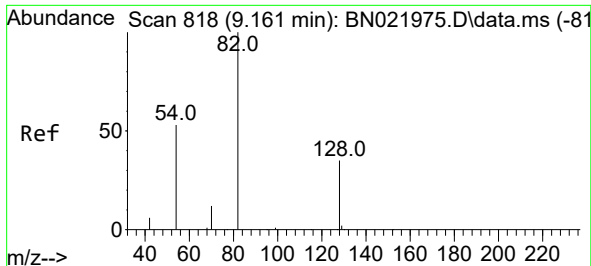
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 5447  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.3  | 15.9  | 23.9  |
| 71       | 32.7  | 25.6  | 38.4  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.784 min Scan# 970  
Delta R.T. -0.000 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 13066 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.2   | 13.8  |
| 54       | 9.5   | 7.1   | 10.7  |
| 68       | 8.0   | 6.2   | 9.2   |

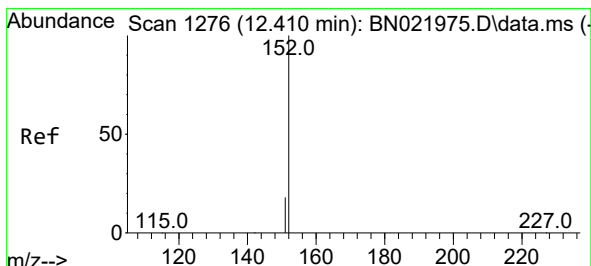
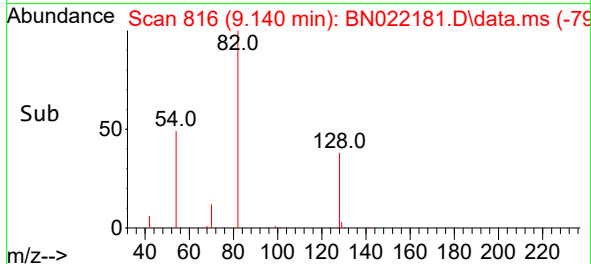
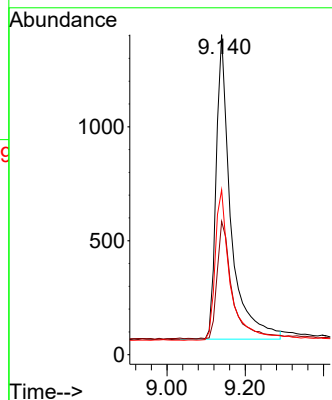
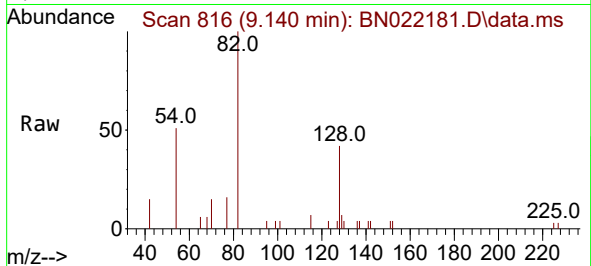




#8  
Nitrobenzene-d5  
Concen: 0.330 ng  
RT: 9.140 min Scan# 81  
Delta R.T. 0.011 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

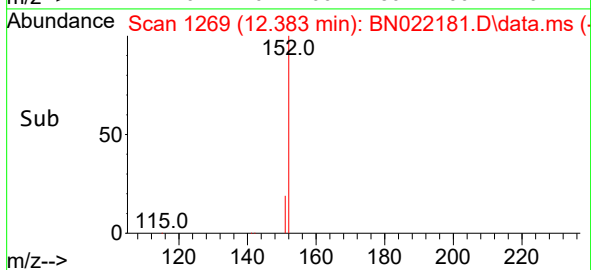
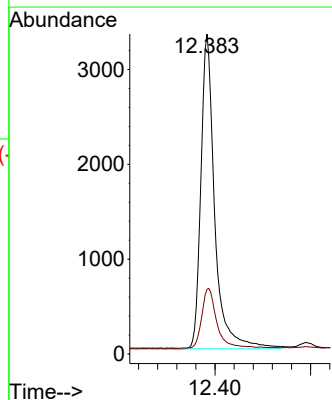
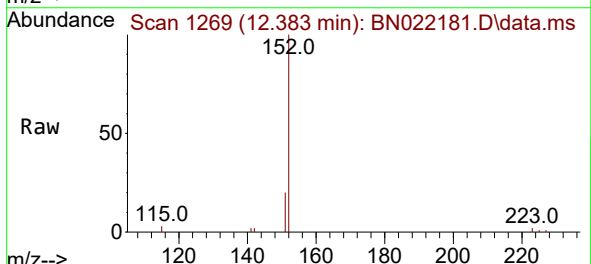
Instrument :  
BNA\_N  
ClientSampleId :  
PB148416BL

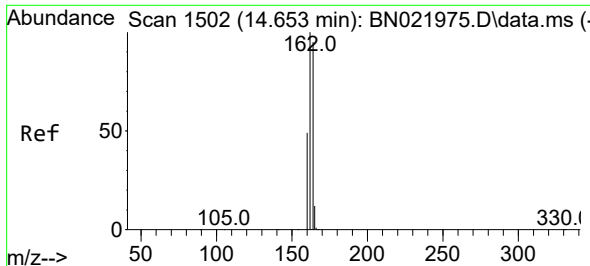
Tgt Ion: 82 Resp: 3471  
Ion Ratio Lower Upper  
82 100  
128 41.7 29.9 44.9  
54 51.5 43.5 65.3



#11  
2-Methylnaphthalene-d10  
Concen: 0.306 ng  
RT: 12.383 min Scan# 1269  
Delta R.T. 0.004 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

Tgt Ion: 152 Resp: 7349  
Ion Ratio Lower Upper  
152 100  
151 18.7 13.8 20.6

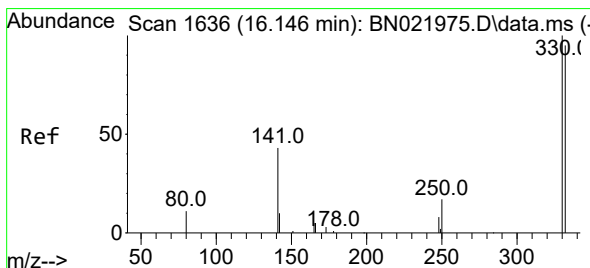
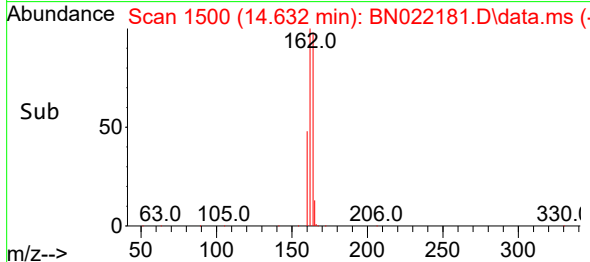
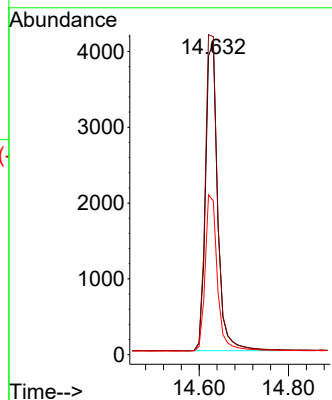
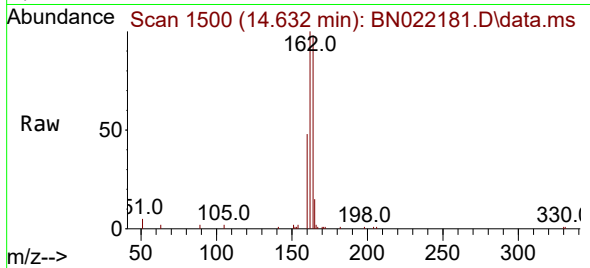




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.632 min Scan# 1500  
Delta R.T. 0.011 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

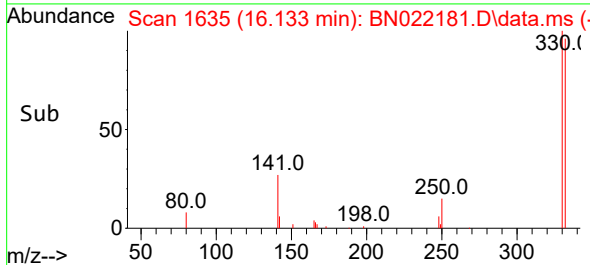
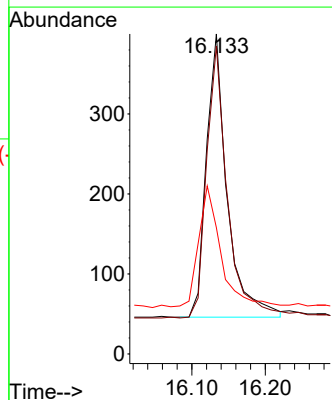
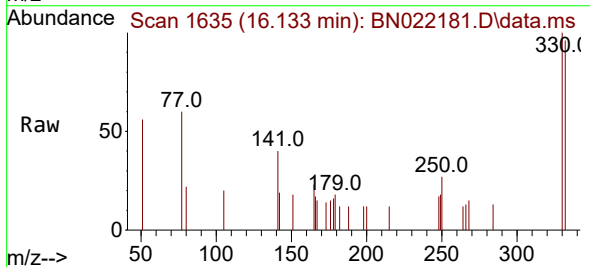
Instrument :  
BNA\_N  
ClientSampleId :  
PB148416BL

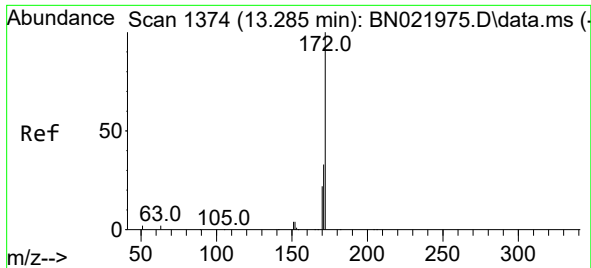
Tgt Ion:164 Resp: 7654  
Ion Ratio Lower Upper  
164 100  
162 101.8 84.3 126.5  
160 49.2 41.7 62.5



#14  
2,4,6-Tribromophenol  
Concen: 0.238 ng  
RT: 16.133 min Scan# 1635  
Delta R.T. 0.012 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

Tgt Ion:330 Resp: 694  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.0 115.4  
141 45.4 35.3 52.9

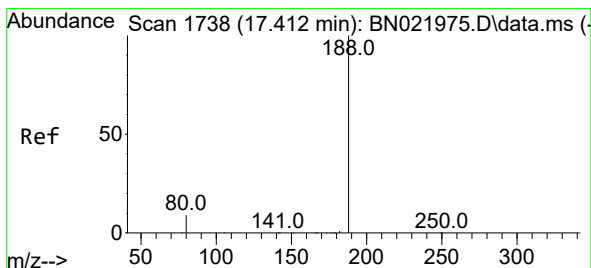
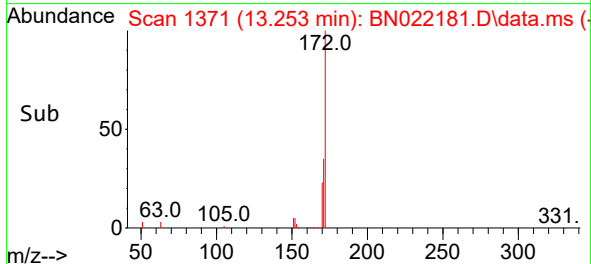
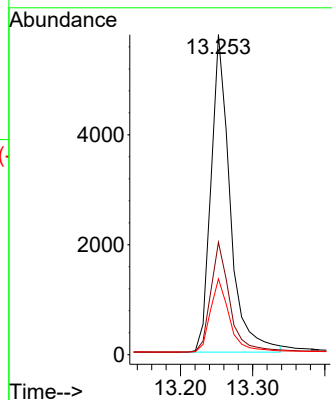
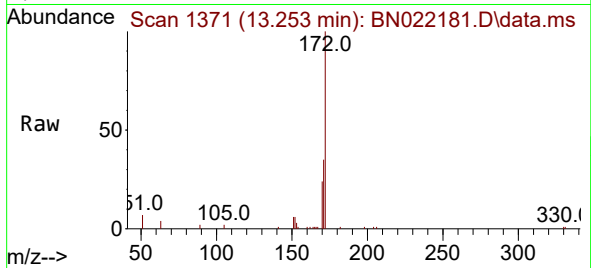




#15  
2-Fluorobiphenyl  
Concen: 0.318 ng  
RT: 13.253 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

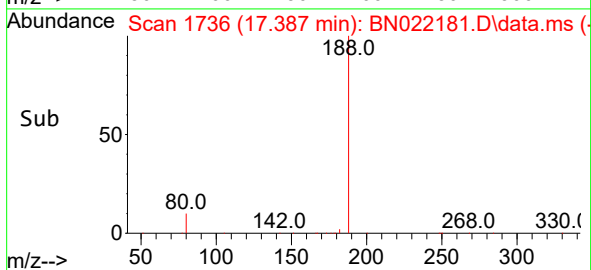
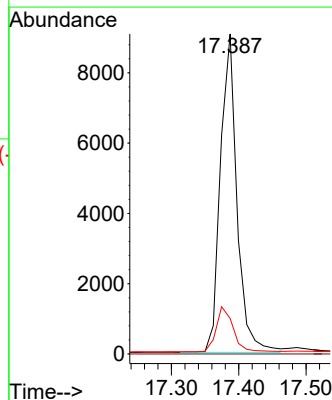
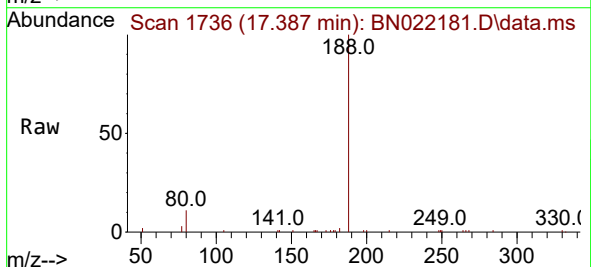
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ClientSampleId :  
PB148416BL

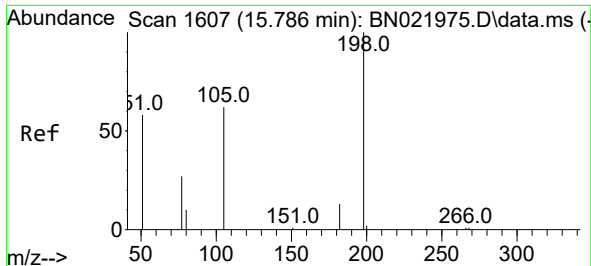
Tgt Ion:172 Resp: 10638  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.2 40.8  
170 23.7 18.3 27.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.387 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

Tgt Ion:188 Resp: 15458  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.1 7.5 11.3

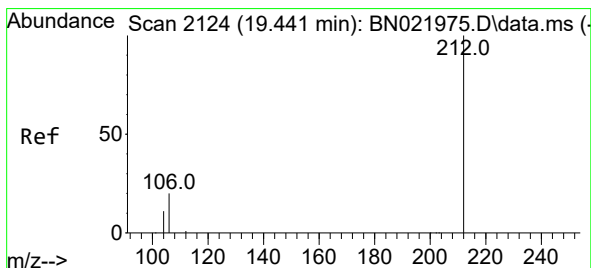
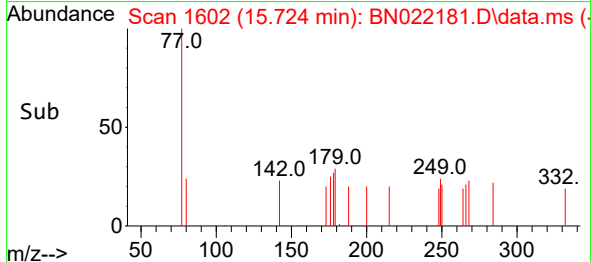
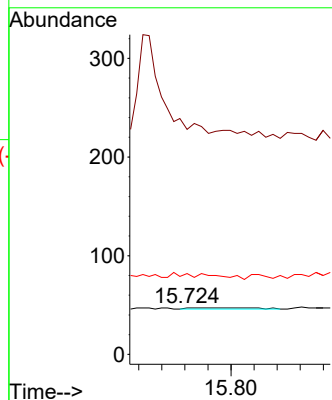
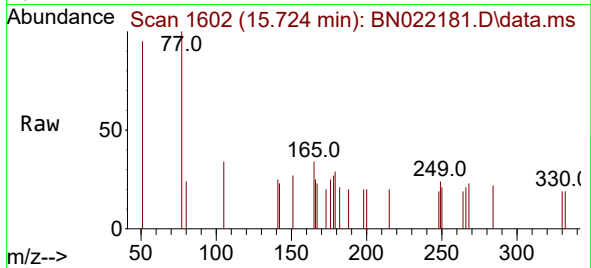




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.195 ng  
RT: 15.724 min Scan# 1119  
Delta R.T. -0.050 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

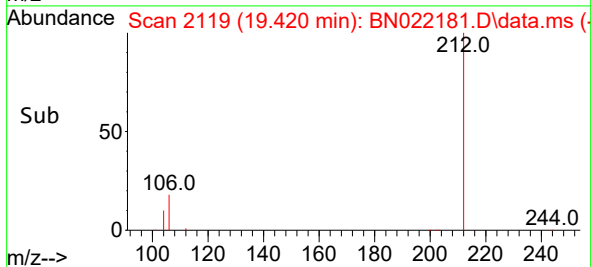
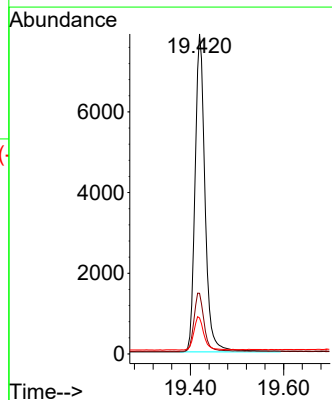
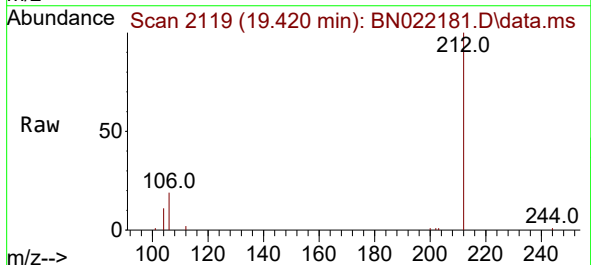
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BNA\_N  
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PB148416BL

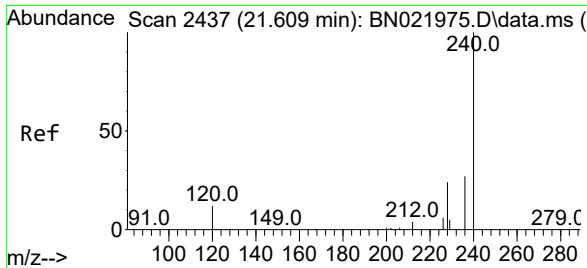
Tgt Ion:198 Resp: 9  
Ion Ratio Lower Upper  
198 100  
51 485.1 96.6 144.8#  
105 174.5 64.4 96.6#



#27  
Fluoranthene-d10  
Concen: 0.285 ng  
RT: 19.420 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BN022181.D  
Acq: 18 Oct 2022 17:27

Tgt Ion:212 Resp: 11710  
Ion Ratio Lower Upper  
212 100  
106 18.6 15.2 22.8  
104 10.3 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.582 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BN022181.D

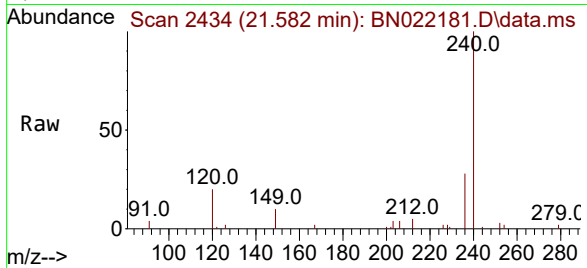
Acq: 18 Oct 2022 17:27

Instrument :

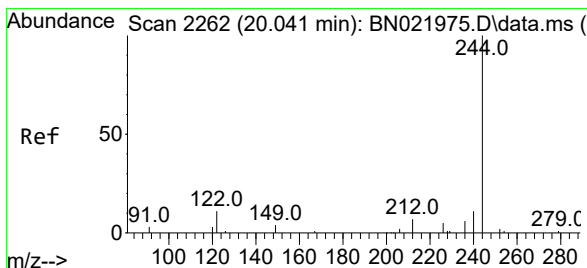
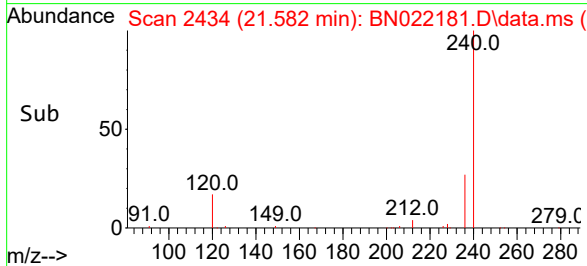
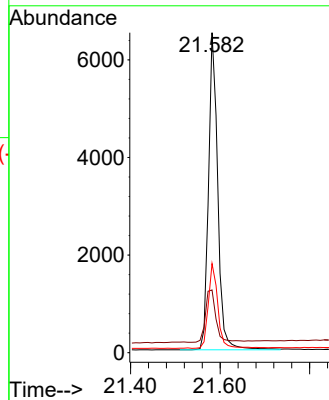
BNA\_N

ClientSampleId :

PB148416BL



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 9355  |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 19.6  | 11.8  | 17.6# |
| 236       | 27.8  | 22.4  | 33.6  |



#31

Terphenyl-d14

Concen: 0.371 ng

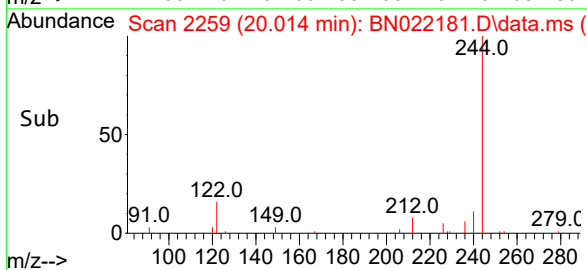
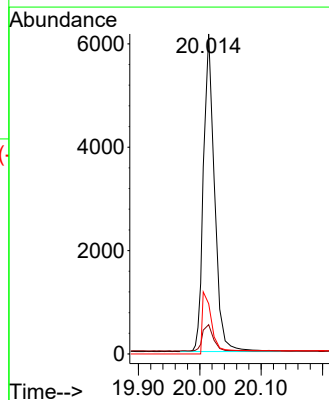
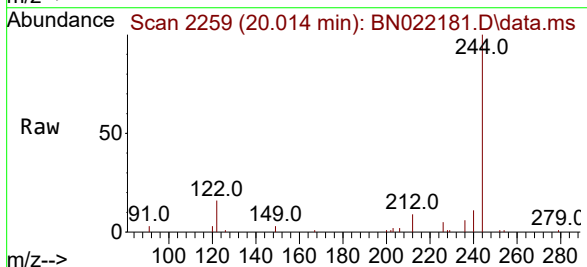
RT: 20.014 min Scan# 2259

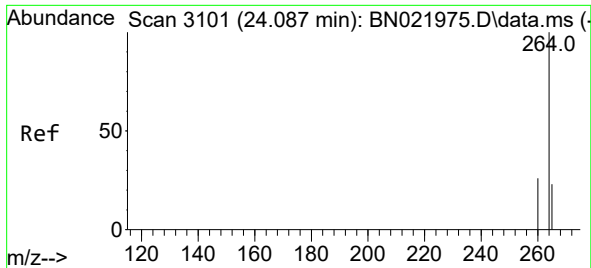
Delta R.T. -0.000 min

Lab File: BN022181.D

Acq: 18 Oct 2022 17:27

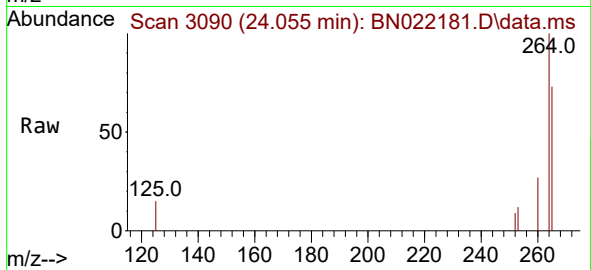
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 6974  |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 9.1   | 6.5   | 9.7   |
| 122       | 15.7  | 9.1   | 13.7# |





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.055 min Scan# 30  
 Delta R.T. 0.003 min  
 Lab File: BN022181.D  
 Acq: 18 Oct 2022 17:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB148416BL



Tgt Ion:264 Resp: 7453  
 Ion Ratio Lower Upper  
 264 100  
 260 26.7 21.3 31.9  
 265 72.8 63.0 94.4

