

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091323\  
 Data File : BN027623.D  
 Acq On : 12 Sep 2023 23:12  
 Operator : MA/JU  
 Sample : 04311-02  
 Misc :  
 ALS Vial : 125 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BR-02-133-090523-FD

Quant Time: Sep 13 06:03:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 02:45:58 2023  
 Response via : Initial Calibration

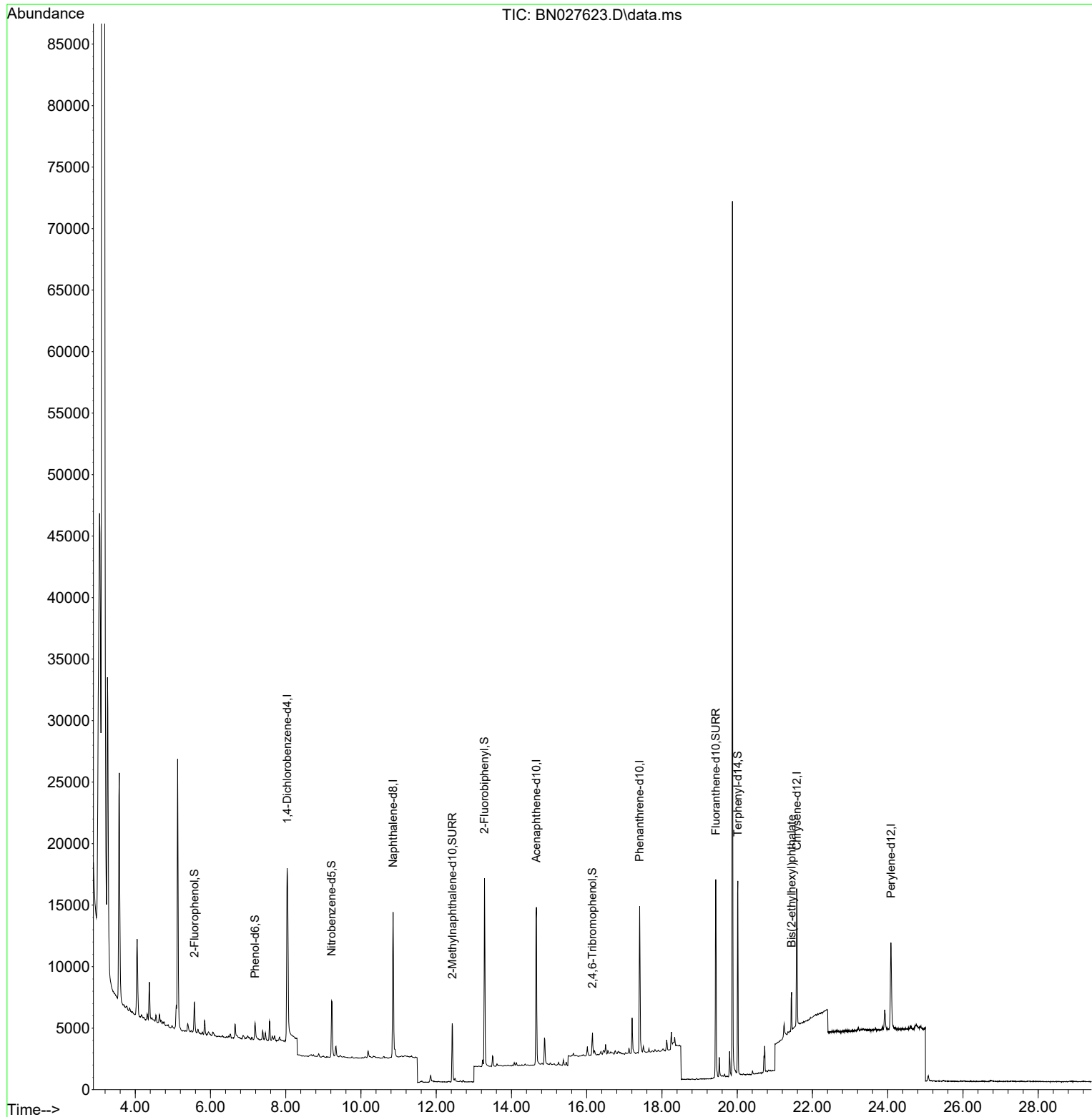
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.037  | 152  | 6484     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.853 | 136  | 16903    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.662 | 164  | 8189     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.406 | 188  | 16205    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.587 | 240  | 12044    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.086 | 264  | 11246    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.574  | 112  | 2349     | 0.139 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.185  | 99   | 1513     | 0.074 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.219  | 82   | 4550     | 0.369 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.426 | 152  | 7051     | 0.284 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.152 | 330  | 1051     | 0.347 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.283 | 172  | 12913    | 0.415 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.430 | 212  | 16412    | 0.407 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.015 | 244  | 14669    | 0.606 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 34) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 3142     | 0.158 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

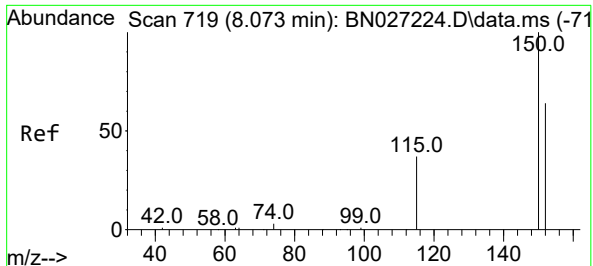
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091323\  
Data File : BN027623.D  
Acq On : 12 Sep 2023 23:12  
Operator : MA/JU  
Sample : 04311-02  
Misc :  
ALS Vial : 125 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BR-02-133-090523-FD

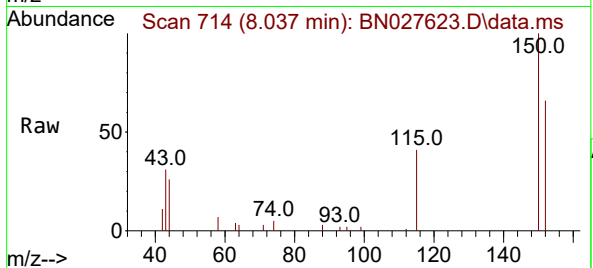
Quant Time: Sep 13 06:03:48 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 12 02:45:58 2023  
Response via : Initial Calibration



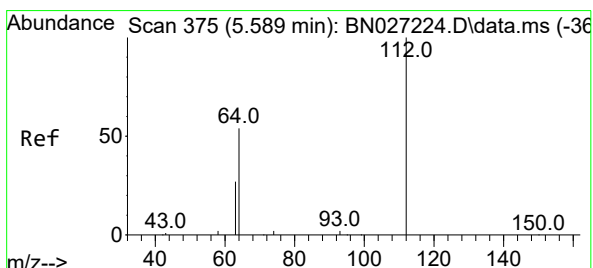
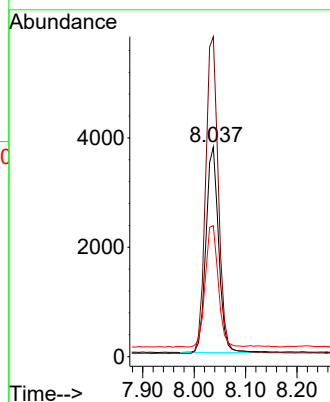
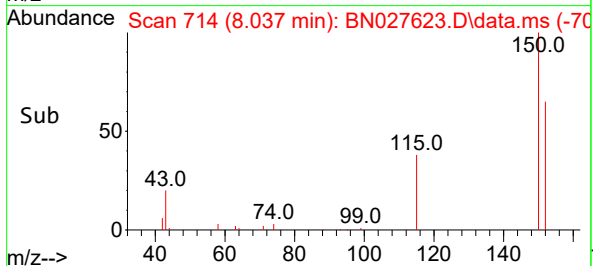


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.037 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: BN027623.D  
Acq: 12 Sep 2023 23:12

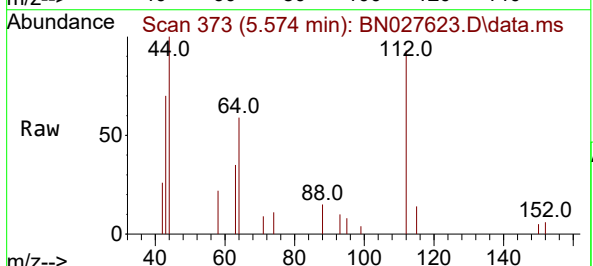
Instrument :  
BNA\_N  
ClientSampleId :  
BR-02-133-090523-FD



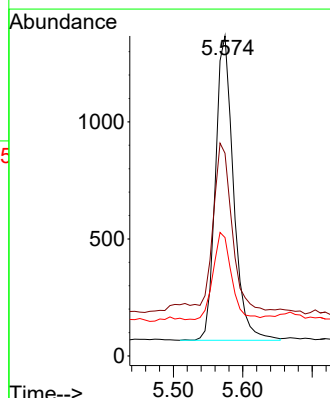
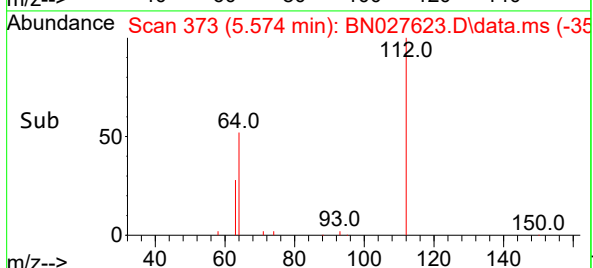
Tgt Ion:152 Resp: 6484  
Ion Ratio Lower Upper  
152 100  
150 152.6 122.7 184.1  
115 62.5 48.6 73.0

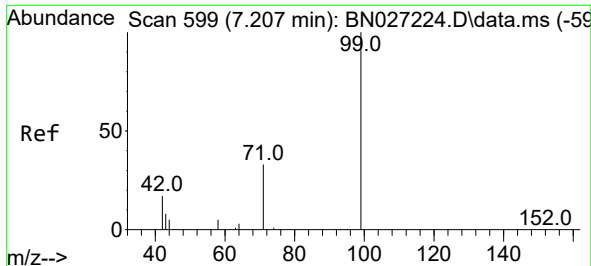


#4  
2-Fluorophenol  
Concen: 0.139 ng  
RT: 5.574 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: BN027623.D  
Acq: 12 Sep 2023 23:12



Tgt Ion:112 Resp: 2349  
Ion Ratio Lower Upper  
112 100  
64 56.2 44.4 66.6  
63 29.0 23.1 34.7

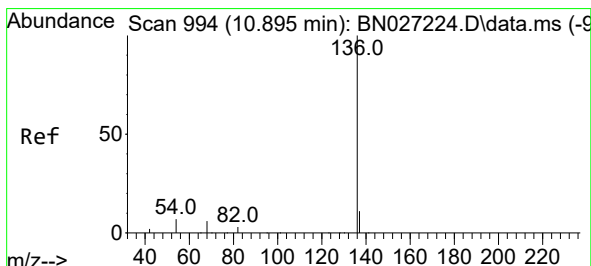
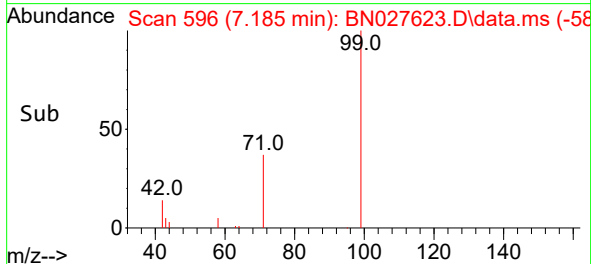
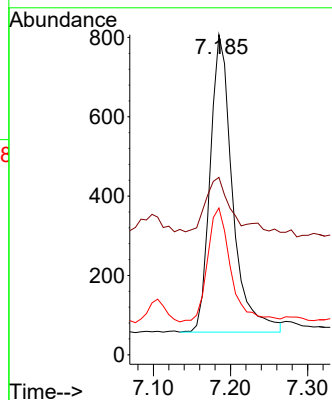
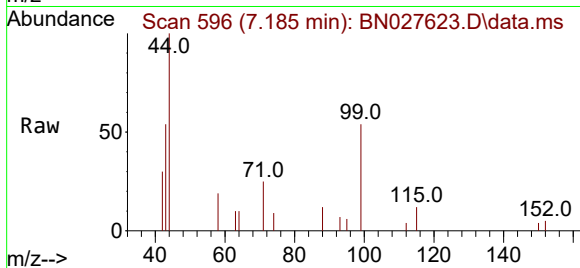




#5  
Phenol-d6  
Concen: 0.074 ng  
RT: 7.185 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: BN027623.D  
Acq: 12 Sep 2023 23:12

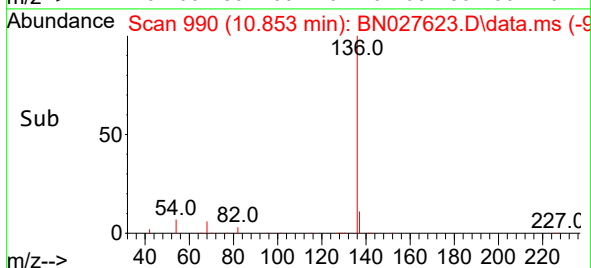
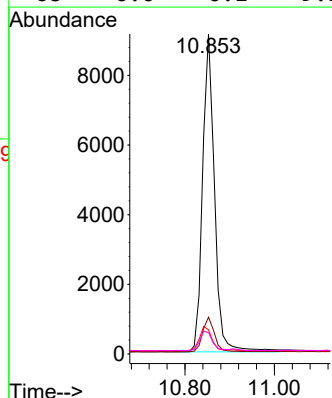
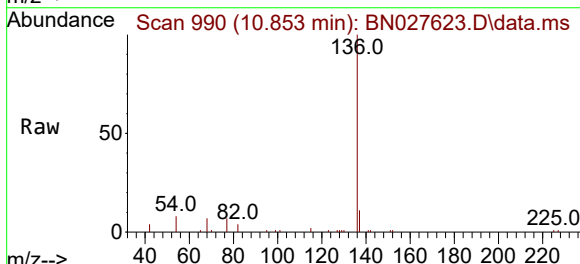
Instrument :  
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BR-02-133-090523-FD

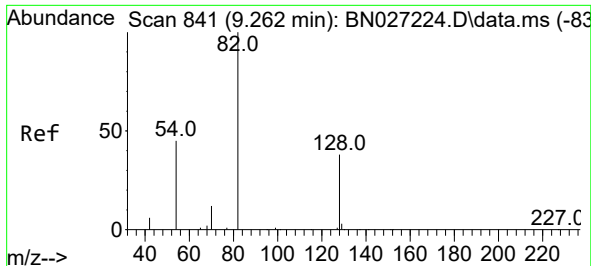
Tgt Ion: 99 Resp: 1513  
Ion Ratio Lower Upper  
99 100  
42 18.6 14.5 21.7  
71 39.9 25.8 38.6#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.853 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BN027623.D  
Acq: 12 Sep 2023 23:12

Tgt Ion: 136 Resp: 16903  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.3 13.9  
54 7.6 6.7 10.1  
68 6.6 6.1 9.1

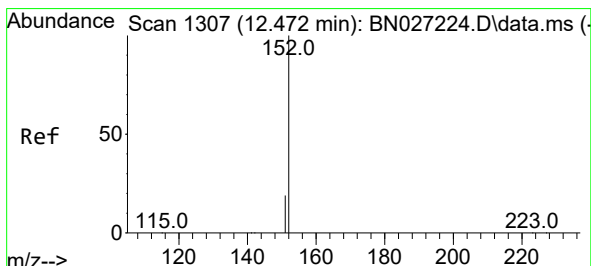
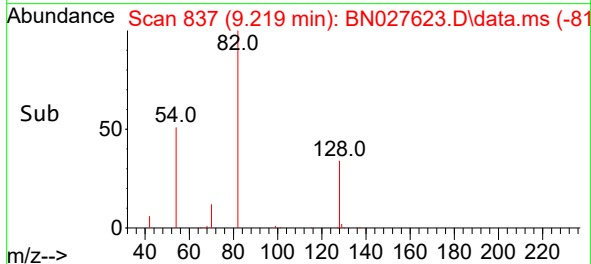
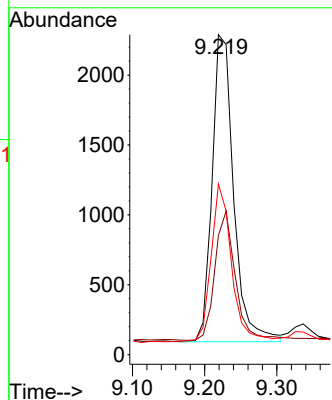
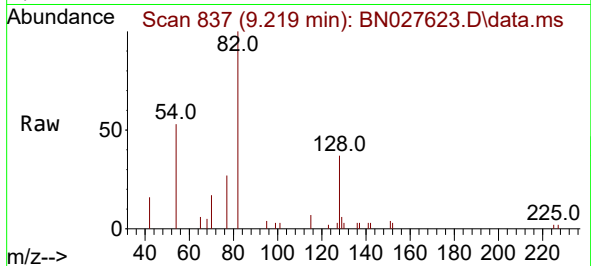




#8  
Nitrobenzene-d5  
Concen: 0.369 ng  
RT: 9.219 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BN027623.D  
Acq: 12 Sep 2023 23:12

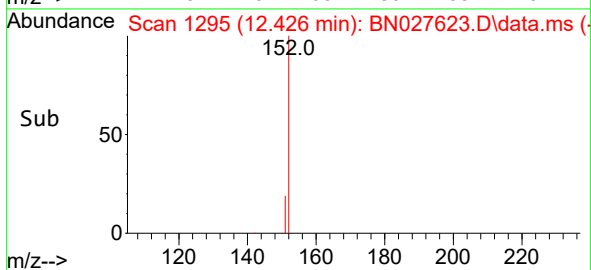
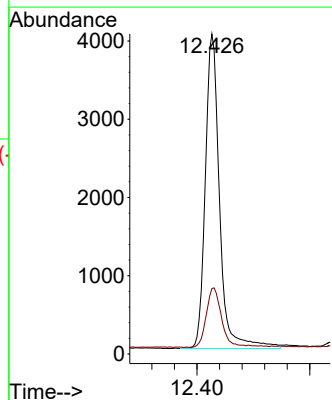
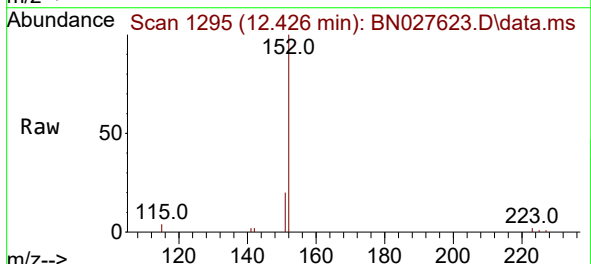
Instrument :  
BNA\_N  
ClientSampleId :  
BR-02-133-090523-FD

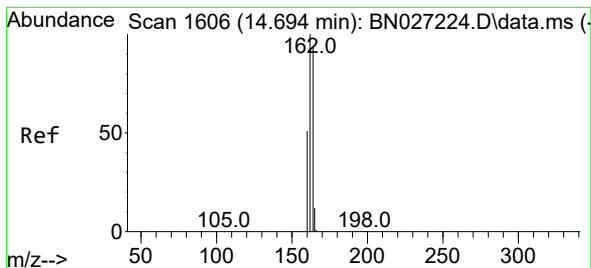
Tgt Ion: 82 Resp: 4550  
Ion Ratio Lower Upper  
82 100  
128 37.3 33.4 50.0  
54 53.3 37.7 56.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.284 ng  
RT: 12.426 min Scan# 1295  
Delta R.T. -0.004 min  
Lab File: BN027623.D  
Acq: 12 Sep 2023 23:12

Tgt Ion: 152 Resp: 7051  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027623.D

Acq: 12 Sep 2023 23:12

Instrument :

BNA\_N

ClientSampleId :

BR-02-133-090523-FD

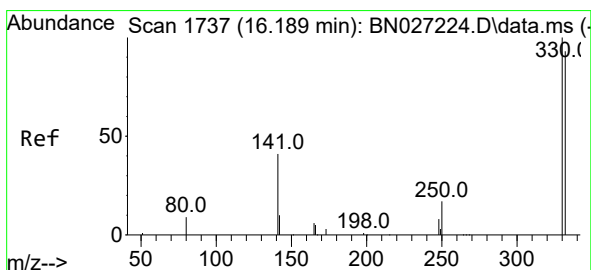
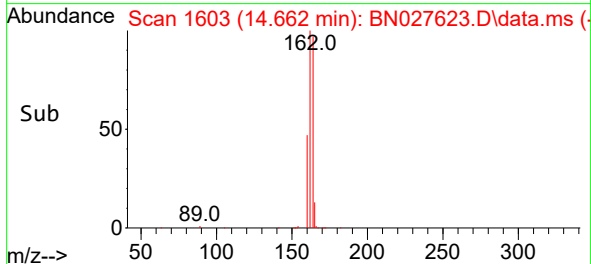
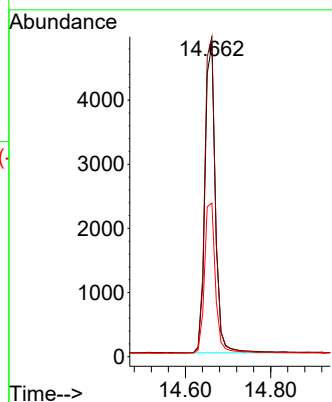
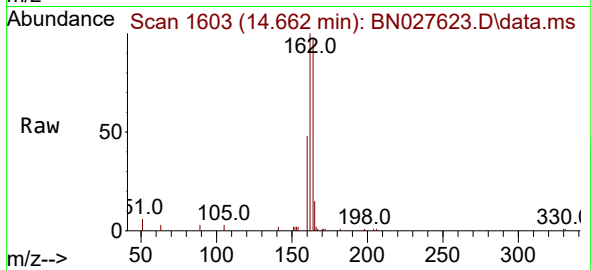
Tgt Ion:164 Resp: 8189

Ion Ratio Lower Upper

164 100

162 102.4 85.8 128.8

160 49.1 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.347 ng

RT: 16.152 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN027623.D

Acq: 12 Sep 2023 23:12

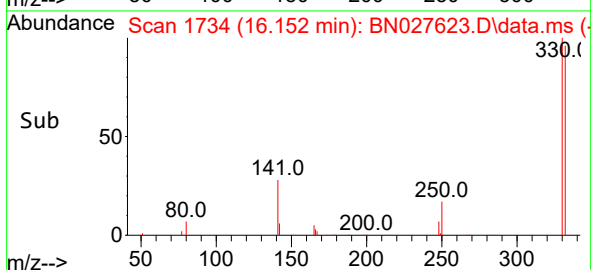
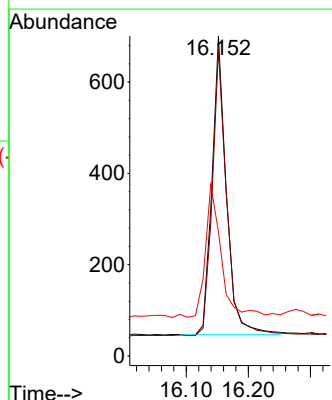
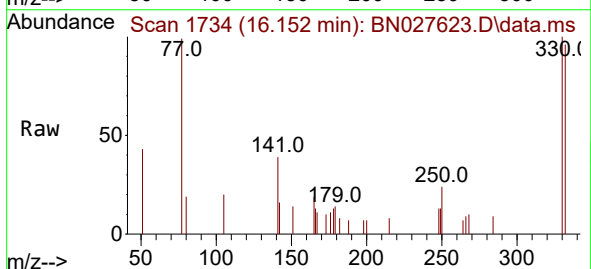
Tgt Ion:330 Resp: 1051

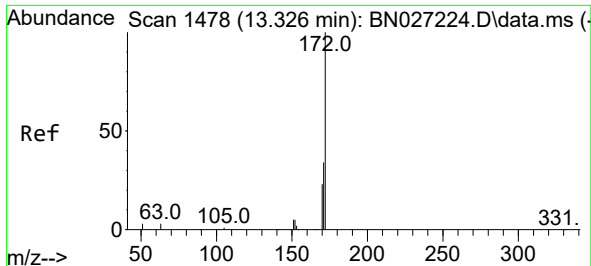
Ion Ratio Lower Upper

330 100

332 96.3 75.2 112.8

141 50.5 36.2 54.4

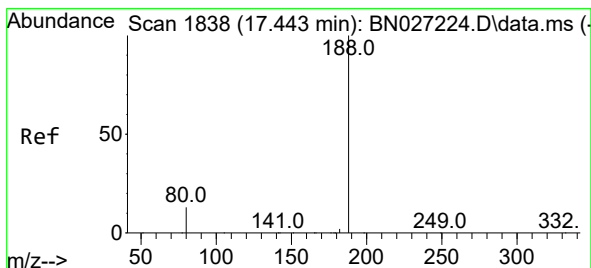
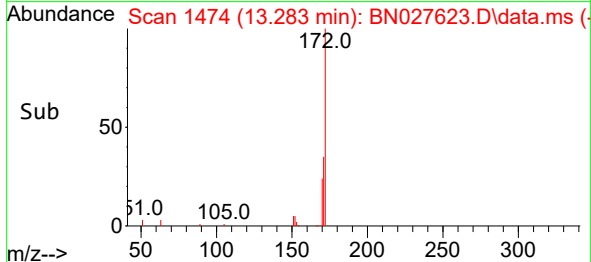
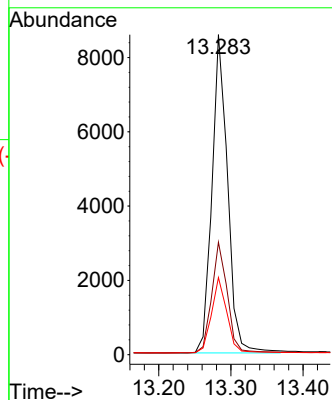
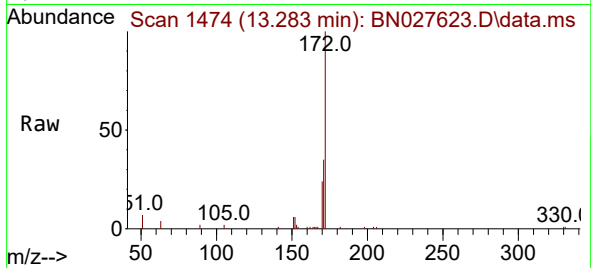




#15  
2-Fluorobiphenyl  
Concen: 0.415 ng  
RT: 13.283 min Scan# 1478  
Delta R.T. -0.011 min  
Lab File: BN027623.D  
Acq: 12 Sep 2023 23:12

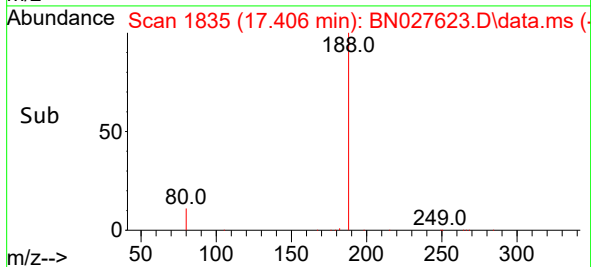
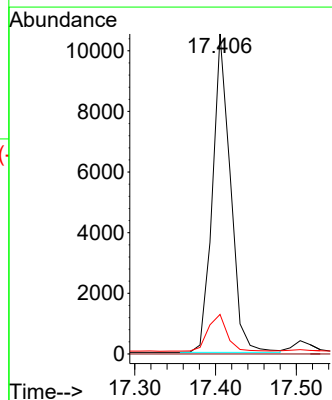
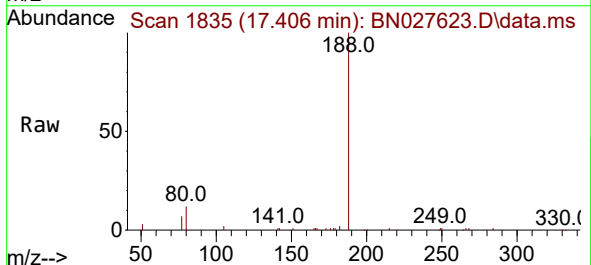
Instrument :  
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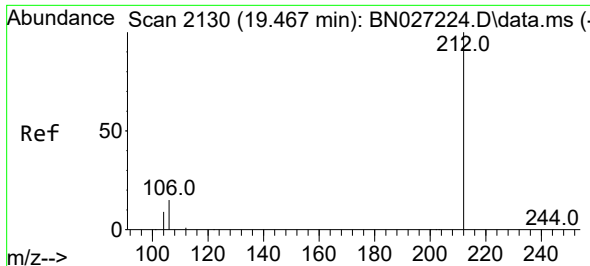
Tgt Ion:172 Resp: 12913  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.8 41.8  
170 24.1 19.3 28.9



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.406 min Scan# 1835  
Delta R.T. 0.000 min  
Lab File: BN027623.D  
Acq: 12 Sep 2023 23:12

Tgt Ion:188 Resp: 16205  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.3 11.0 16.6

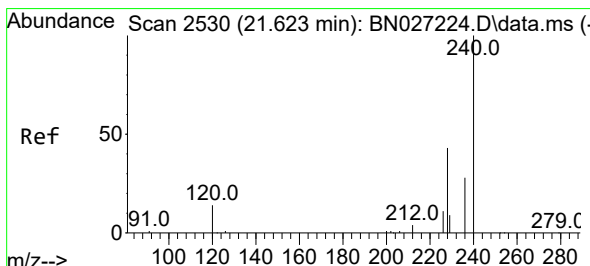
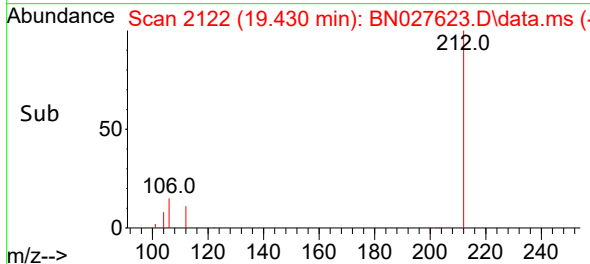
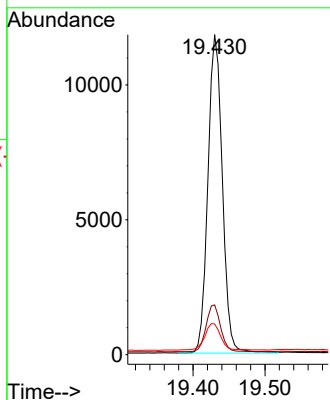
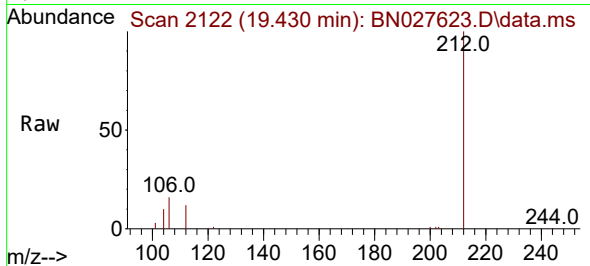




#27  
Fluoranthene-d10  
Concen: 0.407 ng  
RT: 19.430 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BN027623.D  
Acq: 12 Sep 2023 23:12

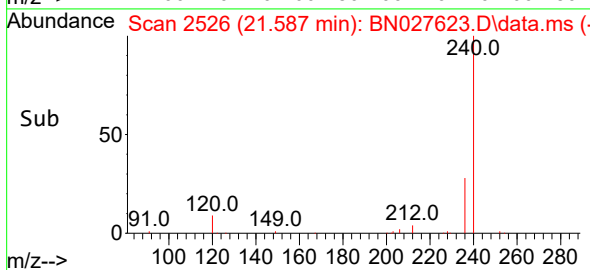
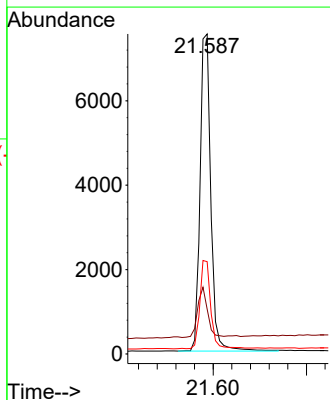
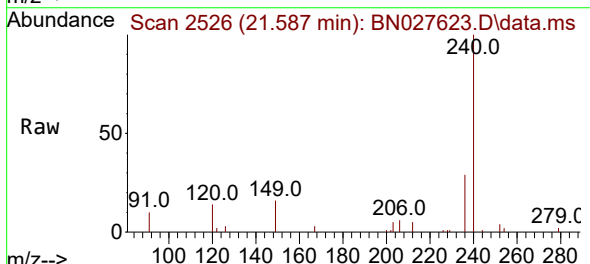
Instrument :  
BNA\_N  
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BR-02-133-090523-FD

Tgt Ion:212 Resp: 16412  
Ion Ratio Lower Upper  
212 100  
106 15.0 12.1 18.1  
104 9.1 6.9 10.3

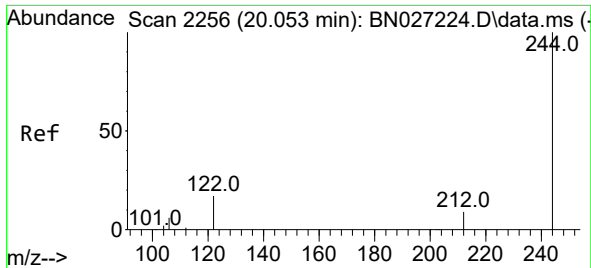


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.587 min Scan# 2526  
Delta R.T. 0.000 min  
Lab File: BN027623.D  
Acq: 12 Sep 2023 23:12

Tgt Ion:240 Resp: 12044  
Ion Ratio Lower Upper  
240 100  
120 14.0 14.2 21.4#  
236 28.8 22.9 34.3



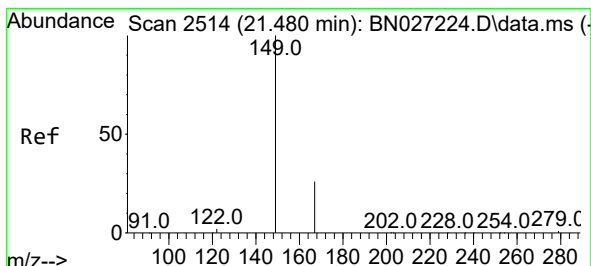
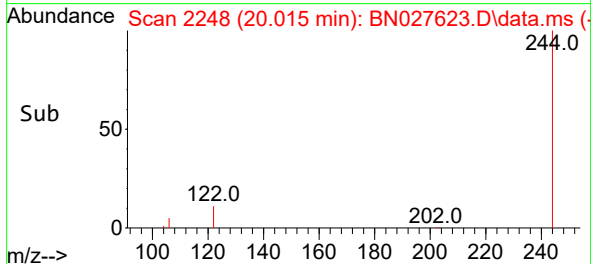
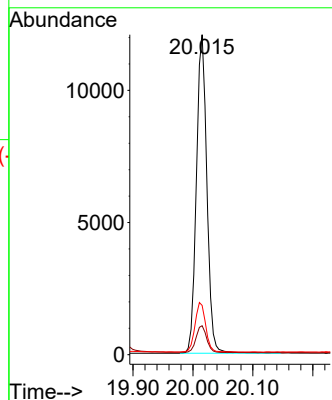
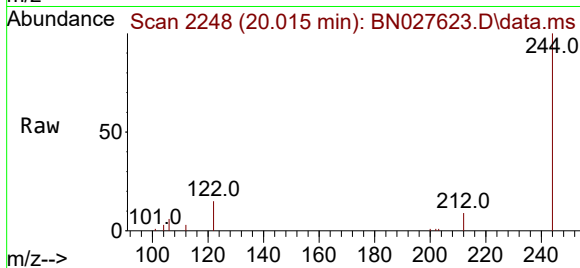




#31  
 Terphenyl-d14  
 Concen: 0.606 ng  
 RT: 20.015 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BN027623.D  
 Acq: 12 Sep 2023 23:12

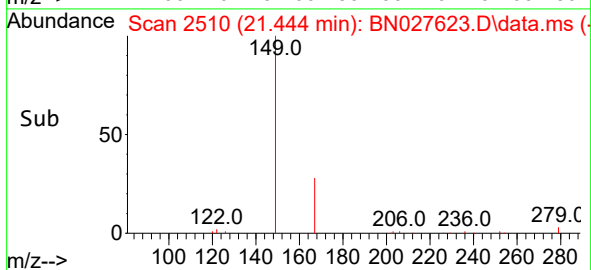
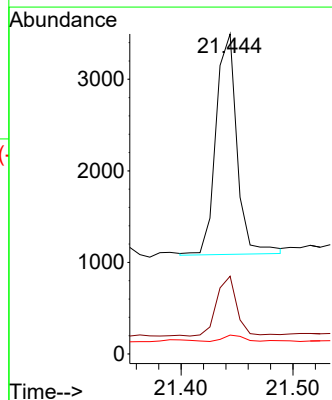
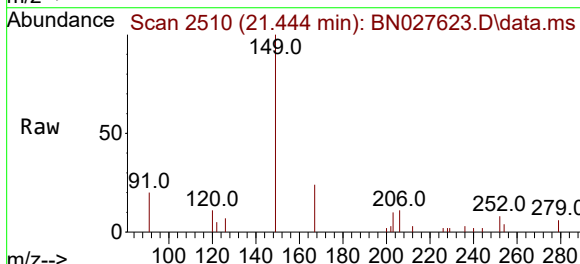
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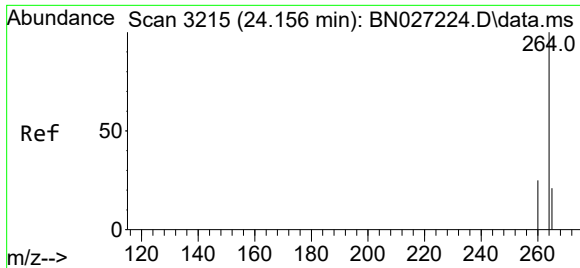
Tgt Ion:244 Resp: 14669  
 Ion Ratio Lower Upper  
 244 100  
 212 9.0 7.5 11.3  
 122 15.4 14.0 21.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.158 ng  
 RT: 21.444 min Scan# 2510  
 Delta R.T. 0.000 min  
 Lab File: BN027623.D  
 Acq: 12 Sep 2023 23:12

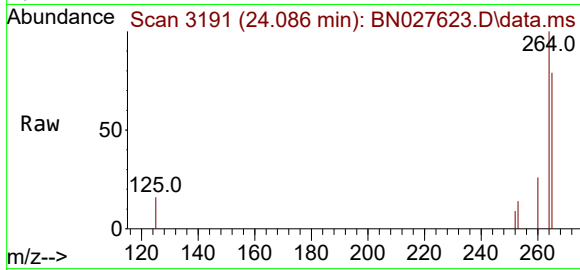
Tgt Ion:149 Resp: 3142  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 22.1 33.1  
 279 2.7 2.7 4.1#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.086 min Scan# 31  
 Delta R.T. -0.009 min  
 Lab File: BN027623.D  
 Acq: 12 Sep 2023 23:12

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BR-02-133-090523-FD



Tgt Ion:264 Resp: 11246

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.3  | 20.7  | 31.1  |
| 265 | 79.3  | 53.3  | 79.9  |

