

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051324\  
 Data File : BN031498.D  
 Acq On : 13 May 2024 11:37  
 Operator : MA/JU  
 Sample : PB160640BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160640BL

Quant Time: May 13 12:27:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 02:12:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.704  | 152  | 12144    | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8           | 10.485 | 136  | 36887    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10        | 14.338 | 164  | 17948    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10        | 17.078 | 188  | 39072    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12            | 21.265 | 240  | 29138    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.502 | 264  | 27209    | 0.400 | ng    | #-0.02   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.299  | 112  | 9472     | 0.275 | ng    | 0.00     |
| 5) Phenol-d6                | 6.866  | 99   | 12629    | 0.272 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.852  | 82   | 8148     | 0.308 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.081 | 152  | 16971    | 0.285 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol    | 15.825 | 330  | 1341     | 0.197 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.959 | 172  | 24544    | 0.355 | ng    | -0.02    |
| 27) Fluoranthene-d10        | 19.110 | 212  | 29556    | 0.273 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.718 | 244  | 20313    | 0.285 | ng    | -0.01    |

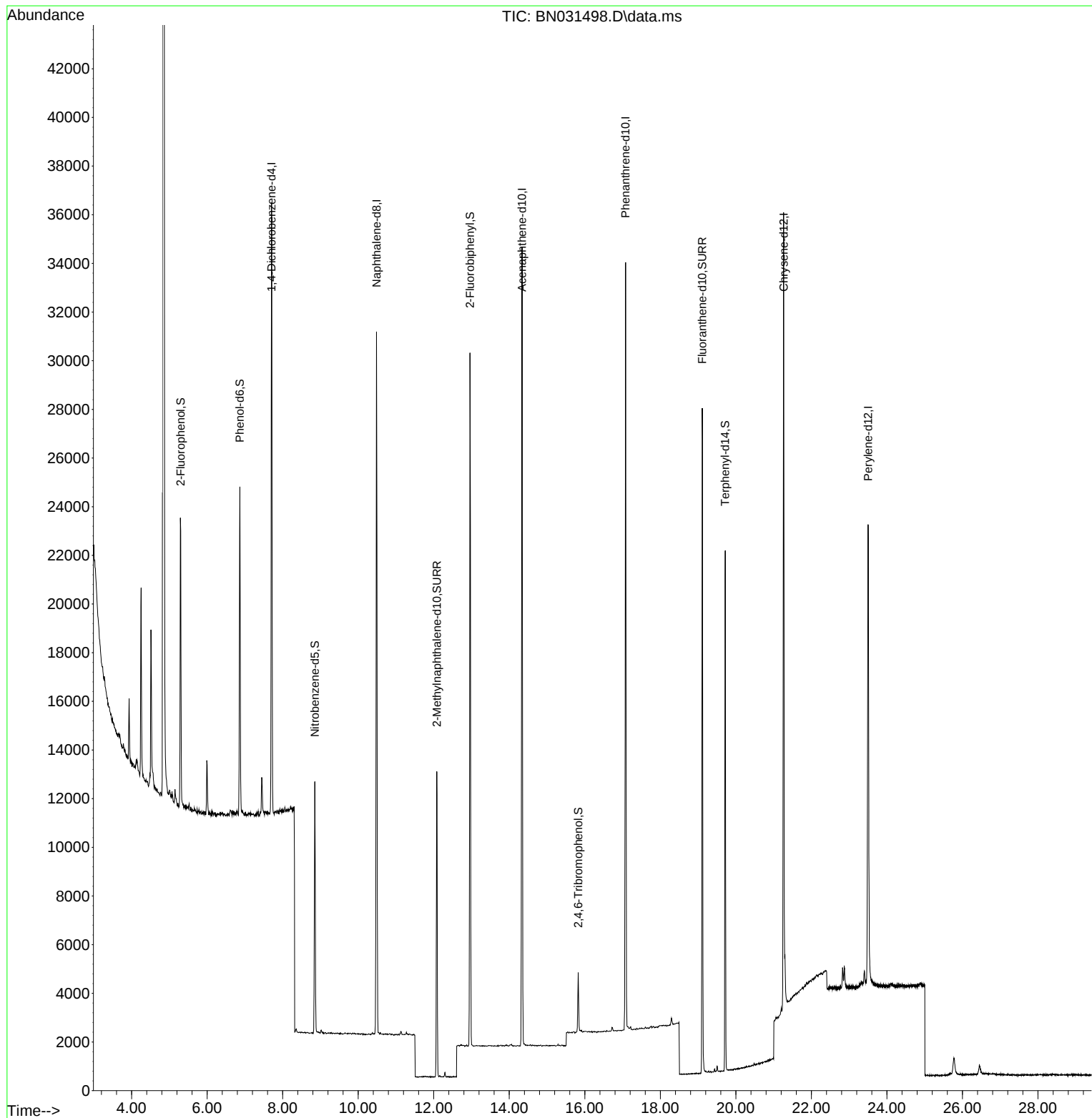
Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051324\  
Data File : BN031498.D  
Acq On : 13 May 2024 11:37  
Operator : MA/JU  
Sample : PB160640BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB160640BL

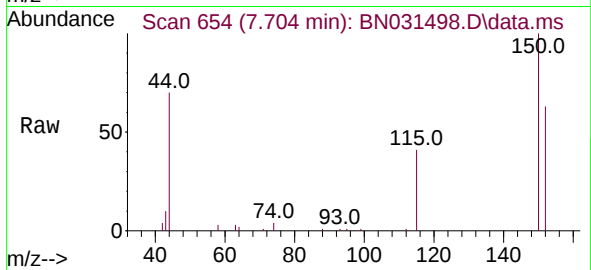
Quant Time: May 13 12:27:36 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 10 02:12:24 2024  
Response via : Initial Calibration



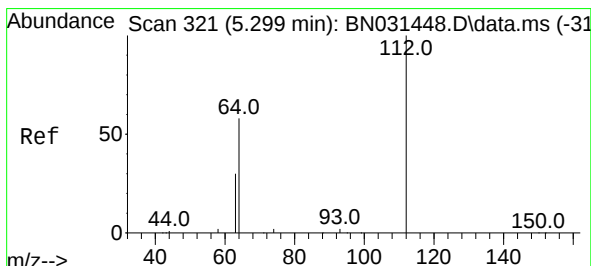
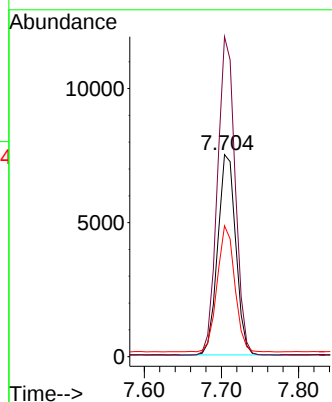
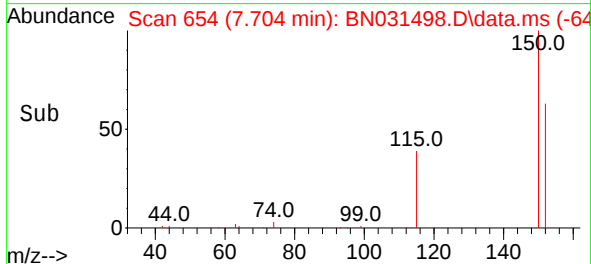


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.704 min Scan# 656  
Delta R.T. -0.014 min  
Lab File: BN031498.D  
Acq: 13 May 2024 11:37

Instrument :  
BNA\_N  
ClientSampleId :  
PB160640BL

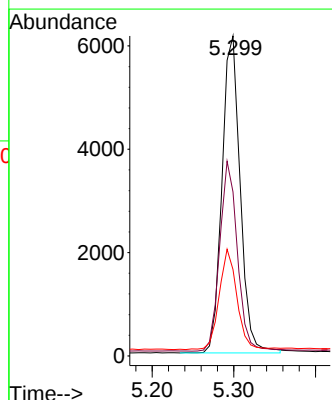
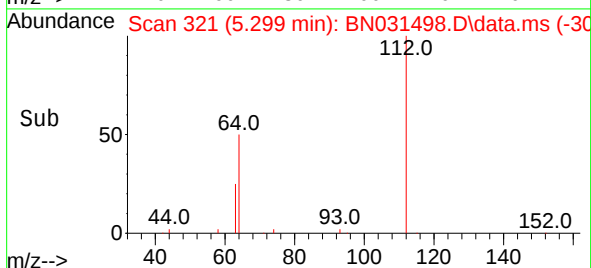
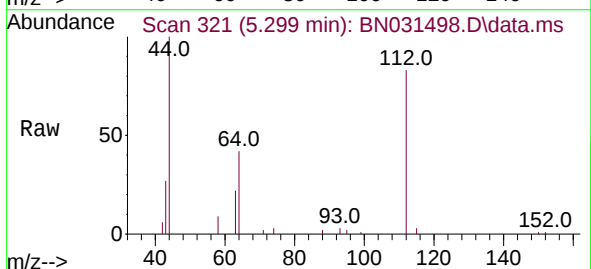


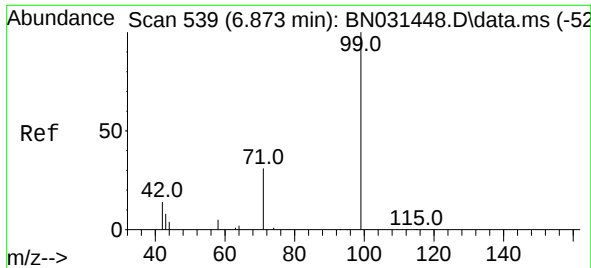
Tgt Ion:152 Resp: 12144  
Ion Ratio Lower Upper  
152 100  
150 158.3 119.3 178.9  
115 64.7 54.8 82.2



#4  
2-Fluorophenol  
Concen: 0.275 ng  
RT: 5.299 min Scan# 321  
Delta R.T. -0.000 min  
Lab File: BN031498.D  
Acq: 13 May 2024 11:37

Tgt Ion:112 Resp: 9472  
Ion Ratio Lower Upper  
112 100  
64 58.1 44.0 66.0  
63 30.7 22.2 33.4

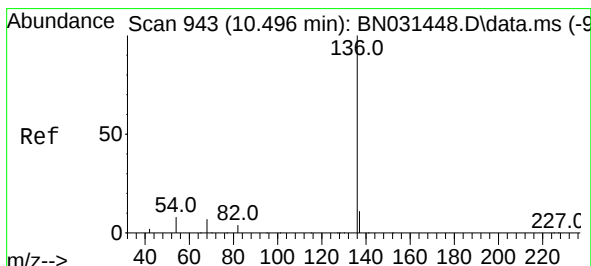
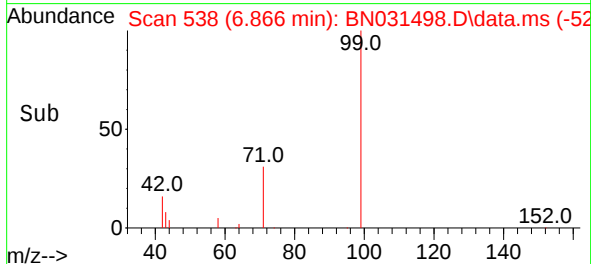
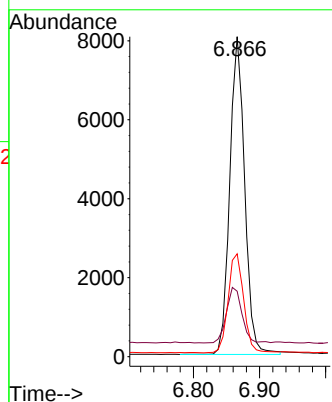
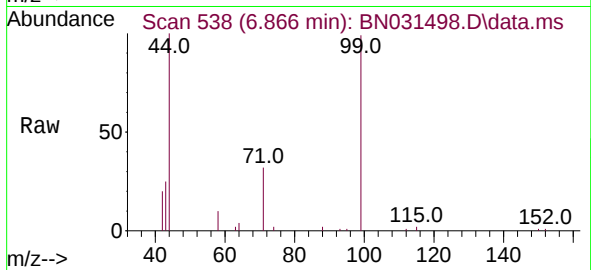




#5  
Phenol-d6  
Concen: 0.272 ng  
RT: 6.866 min Scan# 538  
Delta R.T. -0.007 min  
Lab File: BN031498.D  
Acq: 13 May 2024 11:37

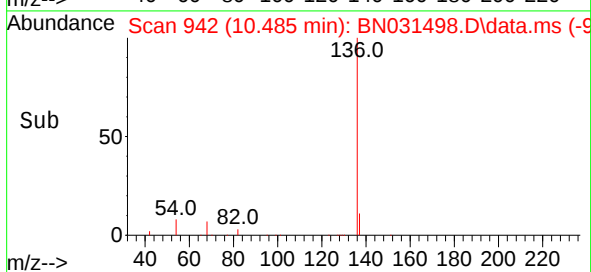
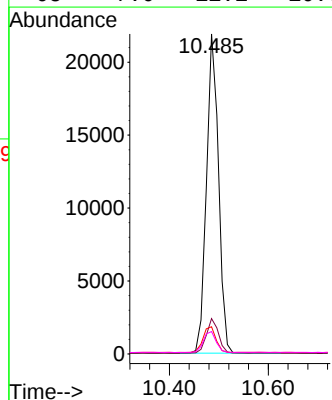
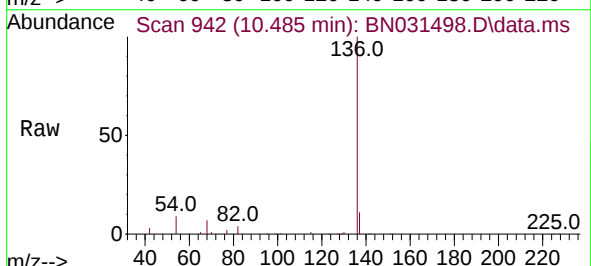
Instrument :  
BNA\_N  
ClientSampleId :  
PB160640BL

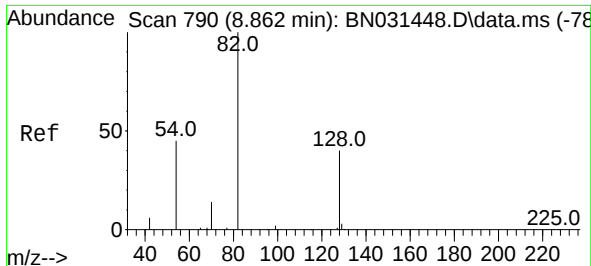
Tgt Ion: 99 Resp: 12629  
Ion Ratio Lower Upper  
99 100  
42 18.1 13.5 20.3  
71 32.5 26.1 39.1



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.485 min Scan# 942  
Delta R.T. -0.011 min  
Lab File: BN031498.D  
Acq: 13 May 2024 11:37

Tgt Ion: 136 Resp: 36887  
Ion Ratio Lower Upper  
136 100  
137 11.1 10.1 15.1  
54 8.5 10.5 15.7#  
68 7.0 11.1 16.7#

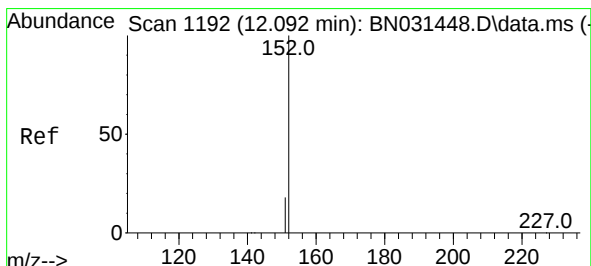
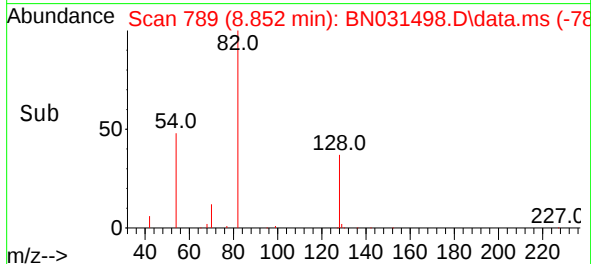
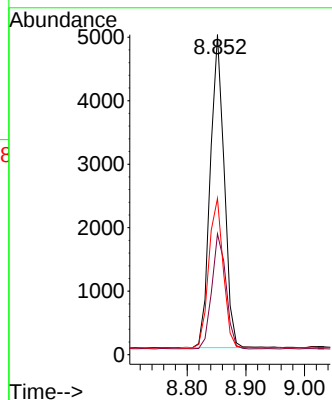
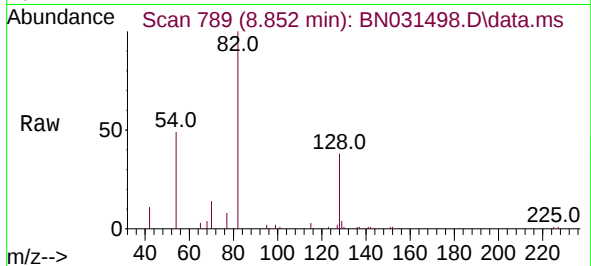




#8  
Nitrobenzene-d5  
Concen: 0.308 ng  
RT: 8.852 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN031498.D  
Acq: 13 May 2024 11:37

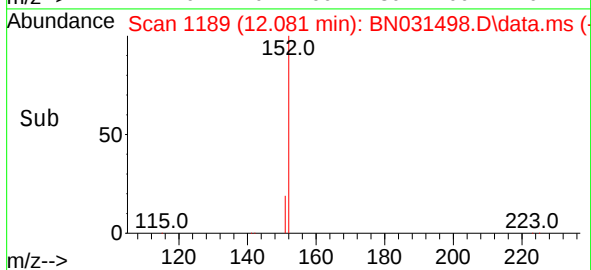
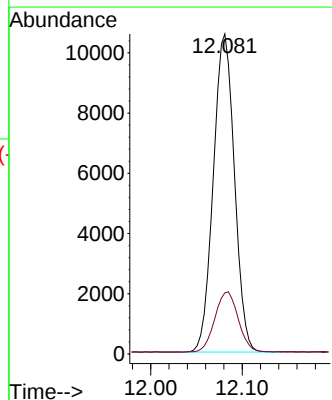
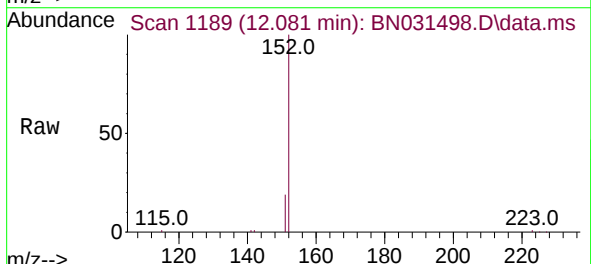
Instrument :  
BNA\_N  
ClientSampleId :  
PB160640BL

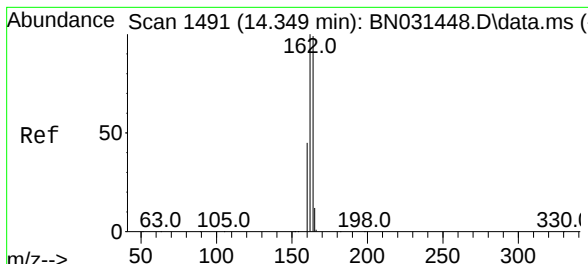
Tgt Ion: 82 Resp: 8148  
Ion Ratio Lower Upper  
82 100  
128 37.8 29.0 43.6  
54 48.8 37.2 55.8



#11  
2-Methylnaphthalene-d10  
Concen: 0.285 ng  
RT: 12.081 min Scan# 1189  
Delta R.T. -0.011 min  
Lab File: BN031498.D  
Acq: 13 May 2024 11:37

Tgt Ion: 152 Resp: 16971  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.6 25.0



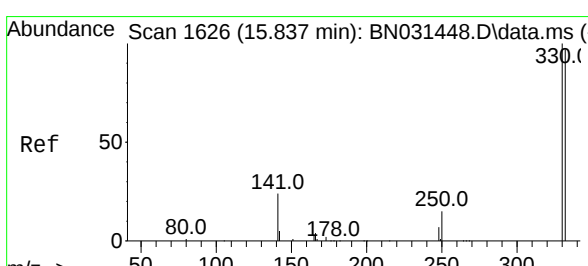
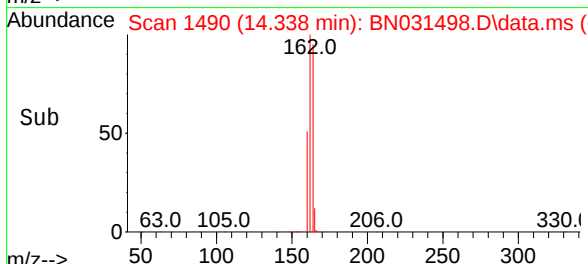
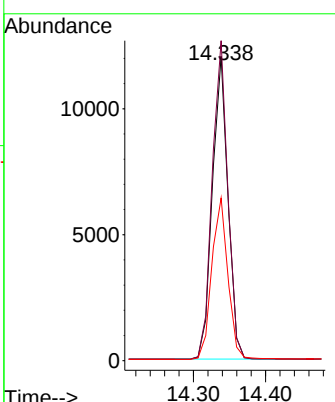
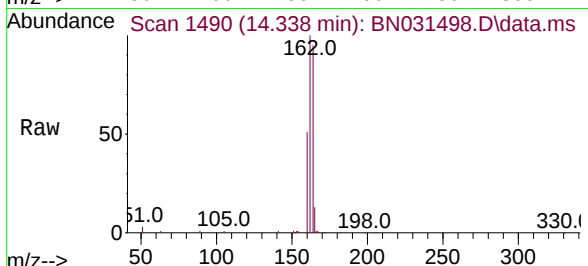


#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.338 min Scan# 1490  
 Delta R.T. -0.011 min  
 Lab File: BN031498.D  
 Acq: 13 May 2024 11:37

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160640BL

Tgt Ion:164 Resp: 17948

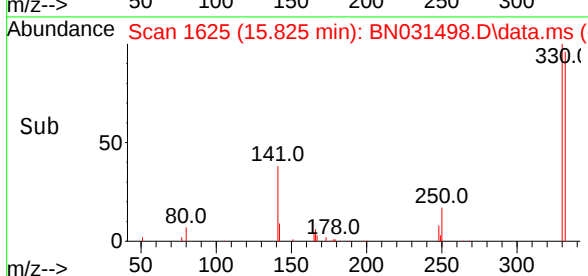
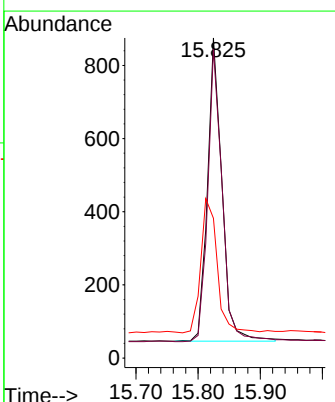
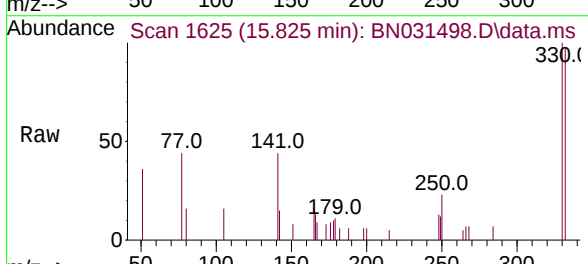
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 105.2 | 81.2  | 121.8 |
| 160 | 53.5  | 37.0  | 55.6  |

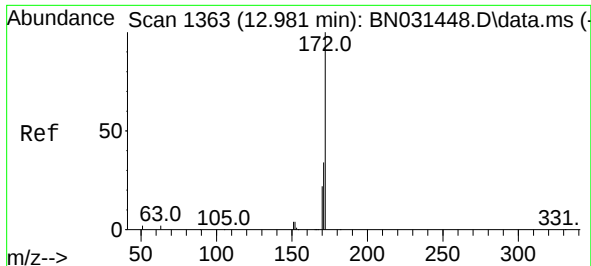


#14  
 2,4,6-Tribromophenol  
 Concen: 0.197 ng  
 RT: 15.825 min Scan# 1625  
 Delta R.T. -0.012 min  
 Lab File: BN031498.D  
 Acq: 13 May 2024 11:37

Tgt Ion:330 Resp: 1341

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.0  | 76.6  | 114.8 |
| 141 | 50.0  | 37.0  | 55.4  |





#15

2-Fluorobiphenyl

Concen: 0.355 ng

RT: 12.959 min Scan# 1361

Delta R.T. -0.021 min

Lab File: BN031498.D

Acq: 13 May 2024 11:37

Instrument :

BNA\_N

ClientSampleId :

PB160640BL

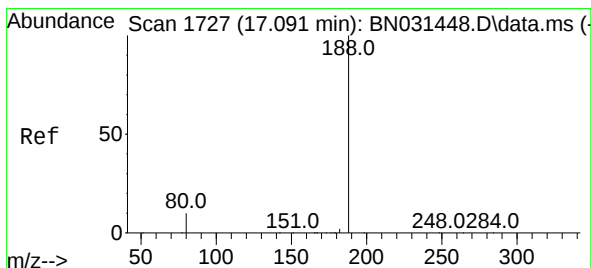
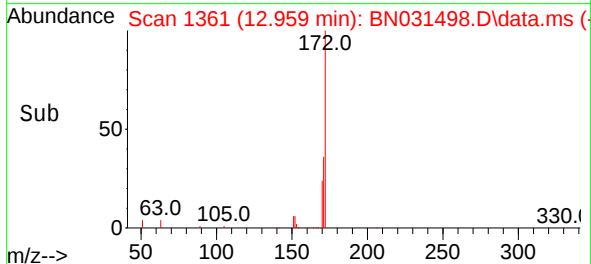
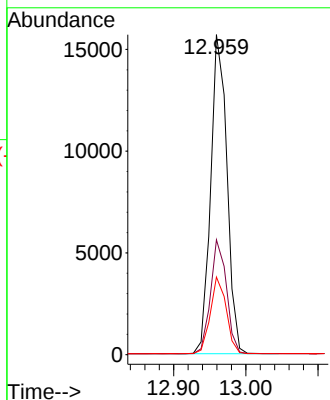
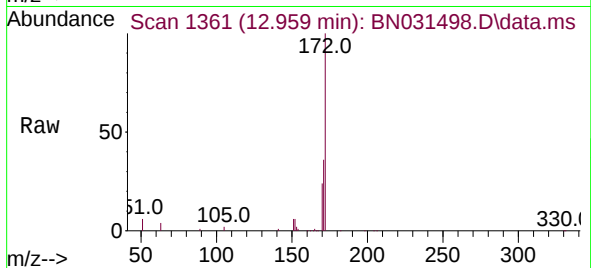
Tgt Ion:172 Resp: 24544

Ion Ratio Lower Upper

172 100

171 35.9 27.8 41.8

170 24.2 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.078 min Scan# 1726

Delta R.T. -0.012 min

Lab File: BN031498.D

Acq: 13 May 2024 11:37

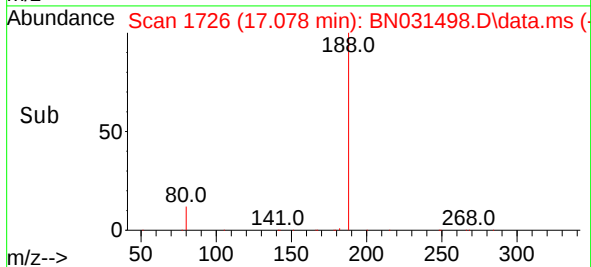
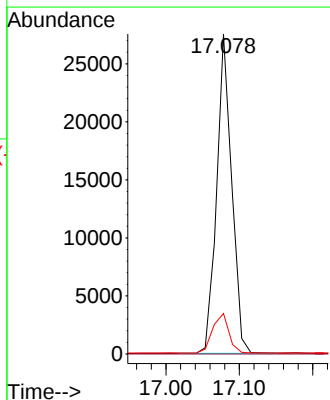
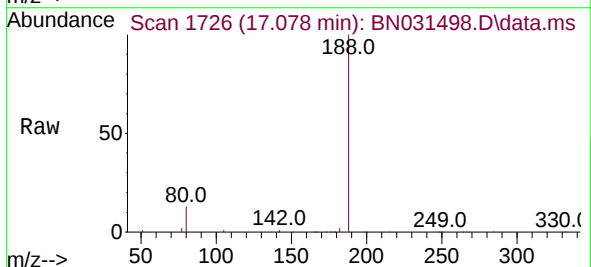
Tgt Ion:188 Resp: 39072

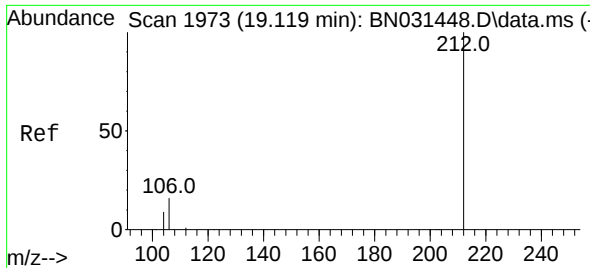
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

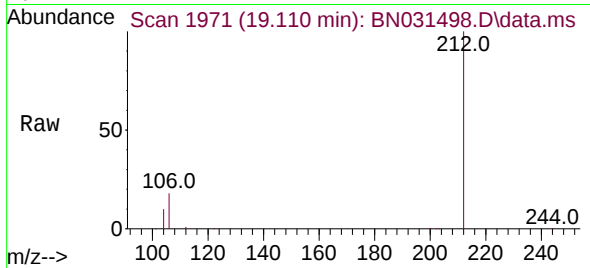
80 12.7 9.6 14.4



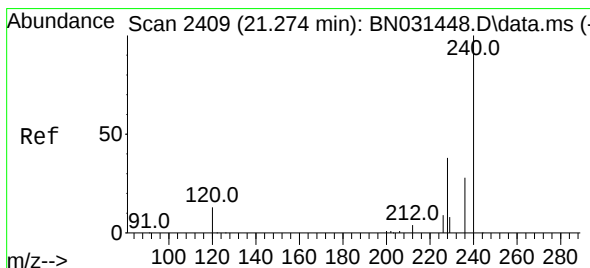
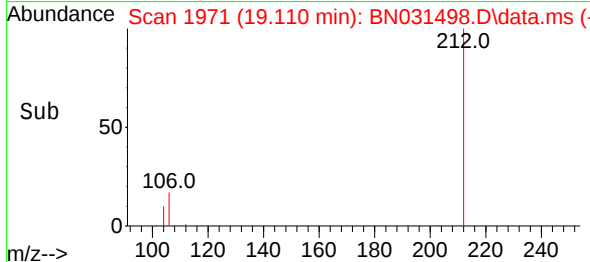
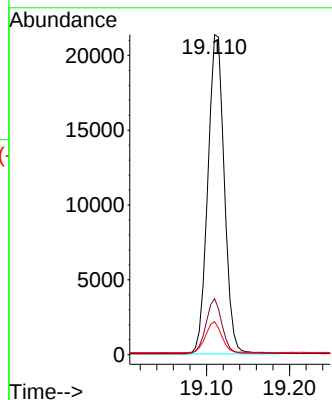


#27  
Fluoranthene-d10  
Concen: 0.273 ng  
RT: 19.110 min Scan# 1971  
Delta R.T. -0.009 min  
Lab File: BN031498.D  
Acq: 13 May 2024 11:37

Instrument :  
BNA\_N  
ClientSampleId :  
PB160640BL

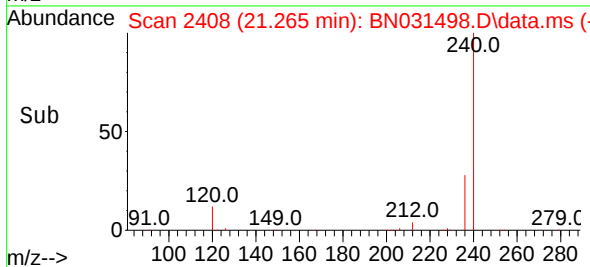
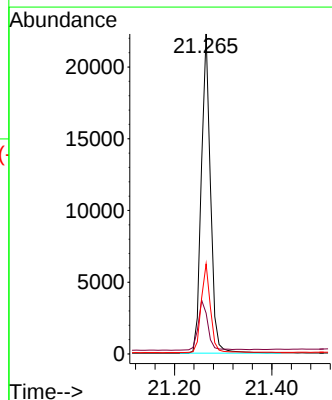
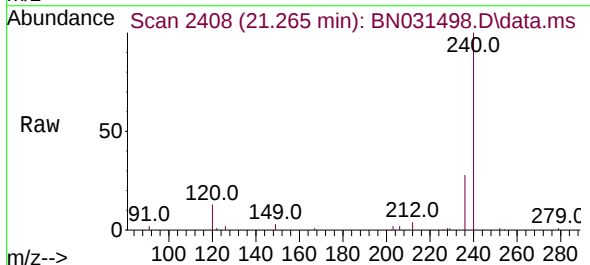


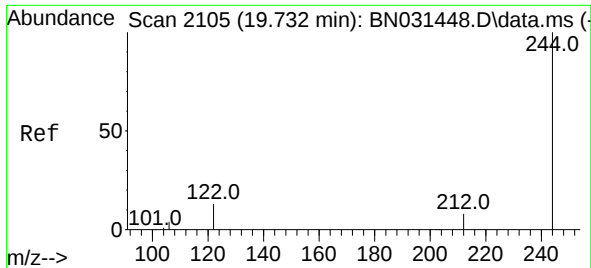
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Ion Ratio Lower Upper  
212 100  
106 16.5 12.0 18.0  
104 9.5 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.265 min Scan# 2408  
Delta R.T. -0.009 min  
Lab File: BN031498.D  
Acq: 13 May 2024 11:37

Tgt Ion:240 Resp: 29138  
Ion Ratio Lower Upper  
240 100  
120 12.8 11.4 17.2  
236 28.1 22.2 33.4

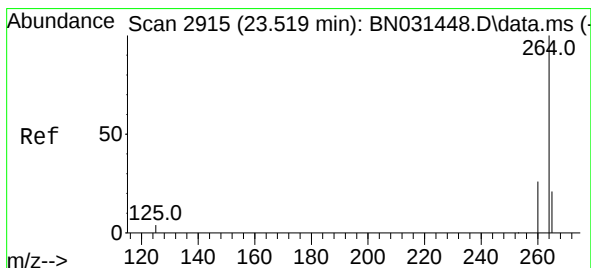
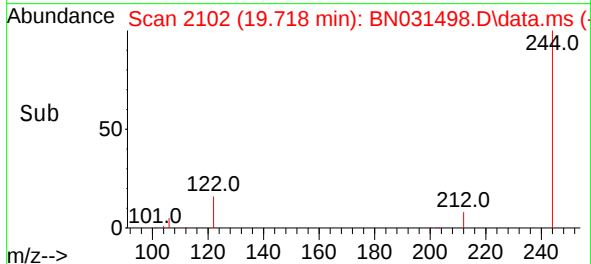
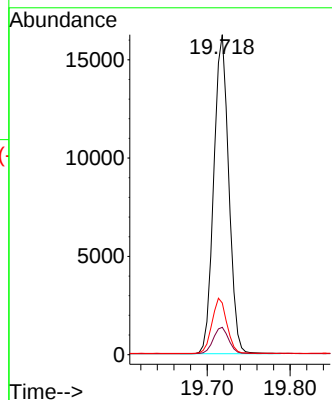
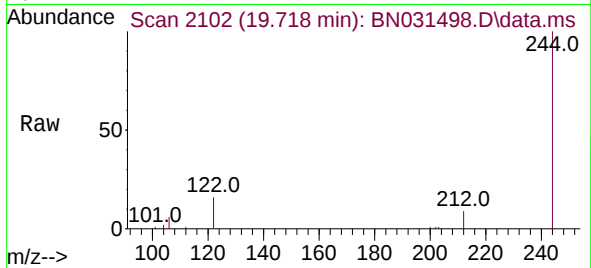




#31  
Terphenyl-d14  
Concen: 0.285 ng  
RT: 19.718 min Scan# 2102  
Delta R.T. -0.014 min  
Lab File: BN031498.D  
Acq: 13 May 2024 11:37

Instrument :  
BNA\_N  
ClientSampleId :  
PB160640BL

Tgt Ion:244 Resp: 20313  
Ion Ratio Lower Upper  
244 100  
212 8.6 6.5 9.7  
122 16.1 11.4 17.2



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.502 min Scan# 2909  
Delta R.T. -0.018 min  
Lab File: BN031498.D  
Acq: 13 May 2024 11:37

Tgt Ion:264 Resp: 27209  
Ion Ratio Lower Upper  
264 100  
260 25.9 20.6 31.0  
265 41.4 24.0 36.0#

