

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011923\  
 Data File : BN023717.D  
 Acq On : 19 Jan 2023 14:17  
 Operator : CG/JU  
 Sample : PB150339BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150339BL

Quant Time: Jan 20 04:16:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 20 04:14:02 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.999  | 152  | 5319     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.829 | 136  | 13723    | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10        | 14.655 | 164  | 6602     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10        | 17.414 | 188  | 14155    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12            | 21.602 | 240  | 10939    | 0.400 | ng    | 0.01     |
| 35) Perylene-d12            | 24.092 | 264  | 10011    | 0.400 | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.536  | 112  | 3803     | 0.340 | ng    | 0.01     |
| 5) Phenol-d6                | 7.161  | 99   | 4391     | 0.330 | ng    | 0.01     |
| 8) Nitrobenzene-d5          | 9.174  | 82   | 3081     | 0.284 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 12.416 | 152  | 6428     | 0.339 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 16.161 | 330  | 720      | 0.257 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 13.287 | 172  | 8338     | 0.296 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 19.443 | 212  | 8726     | 0.263 | ng    | 0.00     |
| 31) Terphenyl-d14           | 20.035 | 244  | 6531     | 0.379 | ng    | 0.00     |

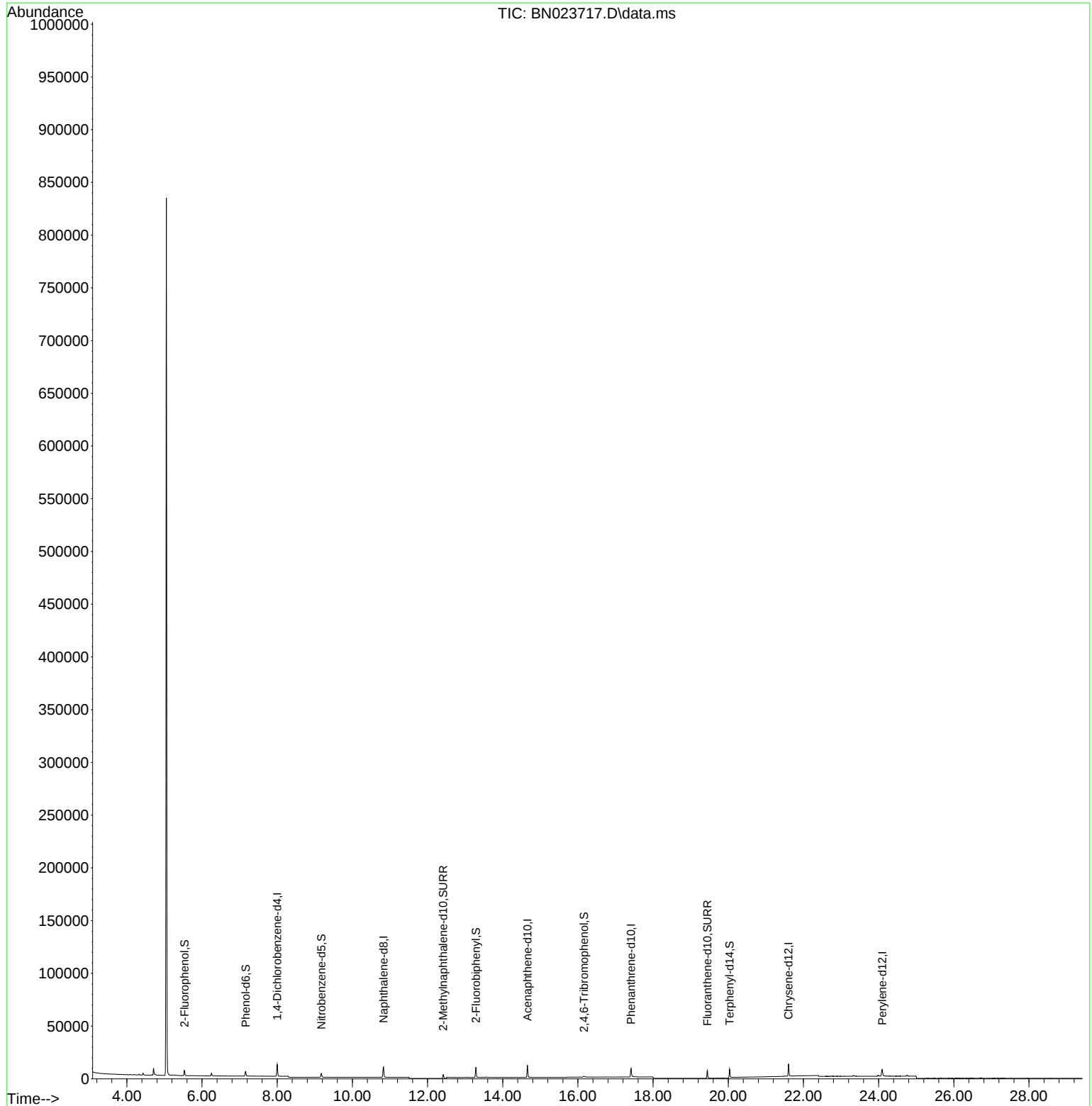
Target Compounds Qvalue

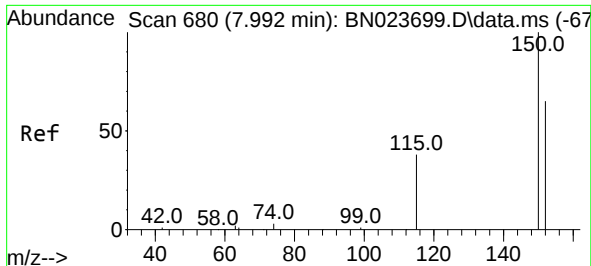
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011923\  
Data File : BN023717.D  
Acq On : 19 Jan 2023 14:17  
Operator : CG/JU  
Sample : PB150339BL  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB150339BL

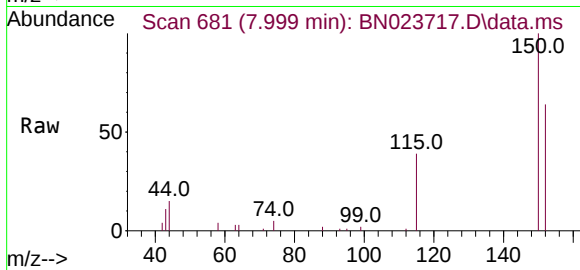
Quant Time: Jan 20 04:16:10 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 20 04:14:02 2023  
Response via : Initial Calibration



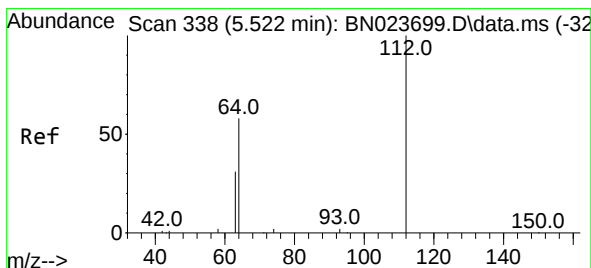
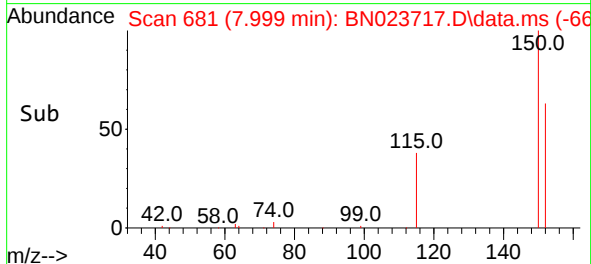
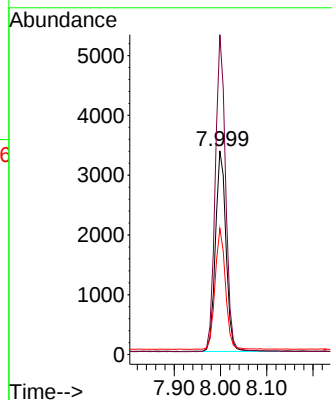


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.999 min Scan# 681  
Delta R.T. 0.007 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
PB150339BL

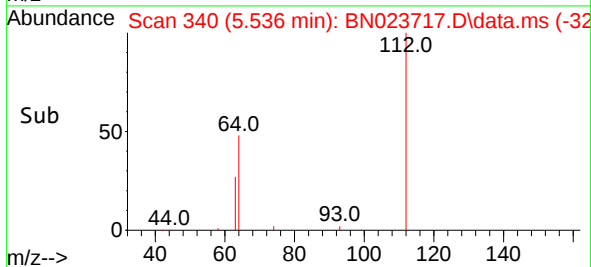
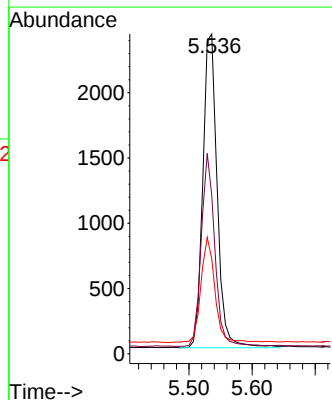
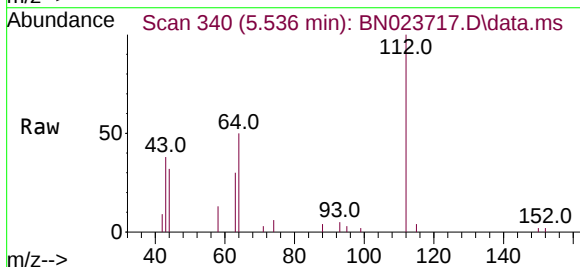


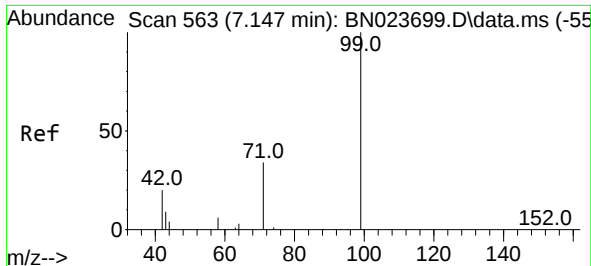
Tgt Ion:152 Resp: 5319  
Ion Ratio Lower Upper  
152 100  
150 157.1 122.4 183.6  
115 61.9 48.2 72.4



#4  
2-Fluorophenol  
Concen: 0.340 ng  
RT: 5.536 min Scan# 340  
Delta R.T. 0.014 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

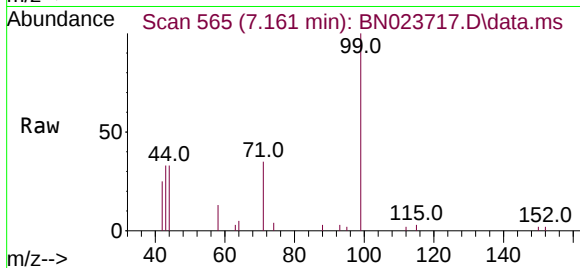
Tgt Ion:112 Resp: 3803  
Ion Ratio Lower Upper  
112 100  
64 57.9 45.8 68.8  
63 32.4 25.3 37.9



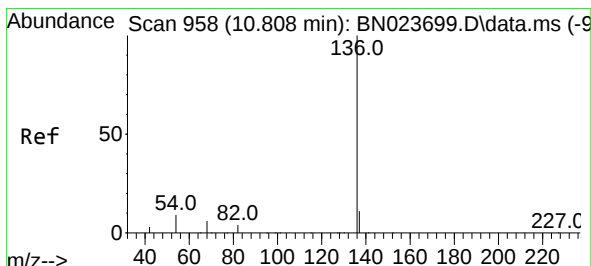
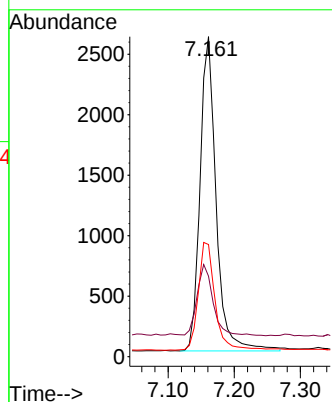
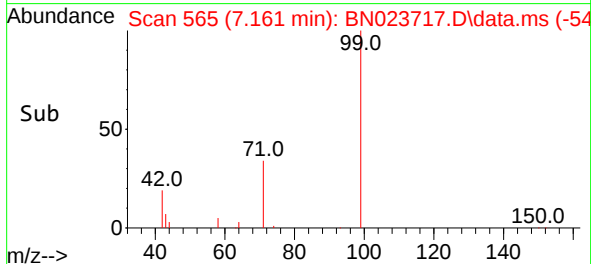


#5  
Phenol-d6  
Concen: 0.330 ng  
RT: 7.161 min Scan# 50  
Delta R.T. 0.014 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

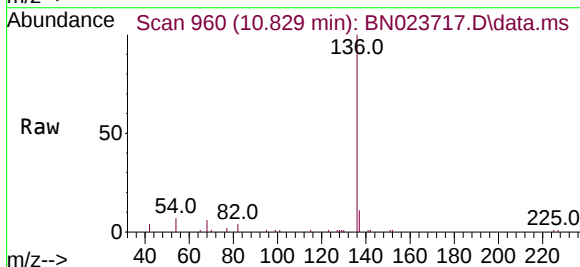
Instrument :  
BNA\_N  
ClientSampleId :  
PB150339BL



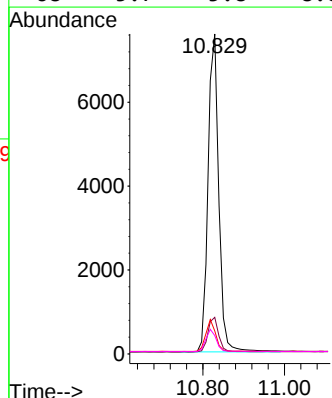
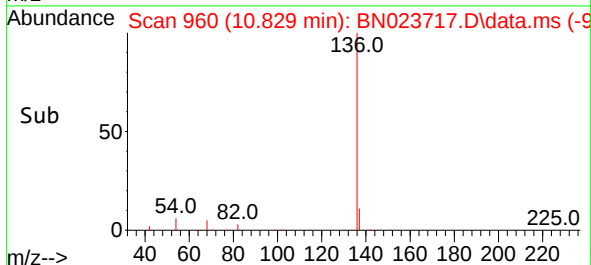
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4391  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.5  | 19.4  | 29.0  |
| 71       | 36.1  | 28.7  | 43.1  |

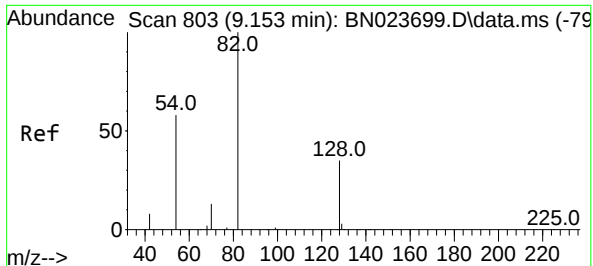


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.829 min Scan# 960  
Delta R.T. 0.010 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 13723 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.2   | 13.8  |
| 54       | 7.2   | 7.5   | 11.3# |
| 68       | 5.7   | 5.8   | 8.8#  |

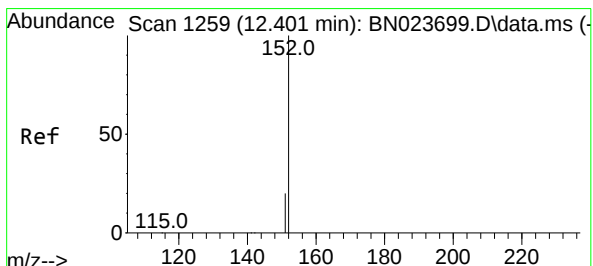
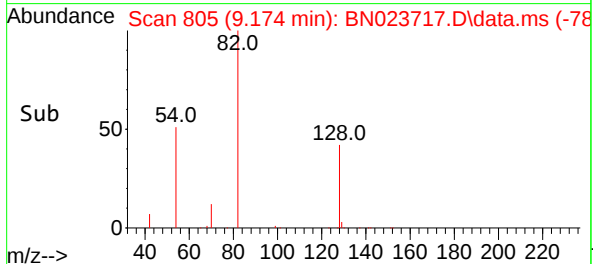
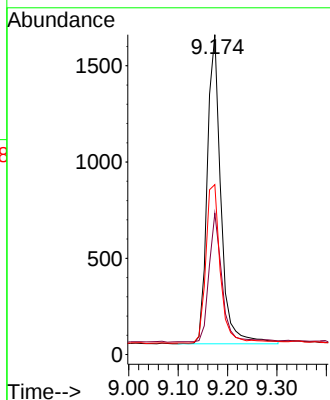
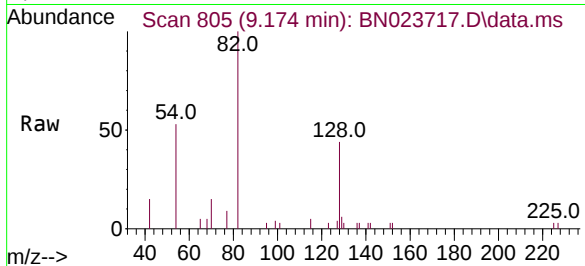




#8  
Nitrobenzene-d5  
Concen: 0.284 ng  
RT: 9.174 min Scan# 80  
Delta R.T. 0.010 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

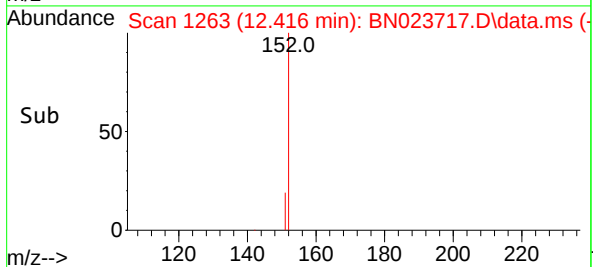
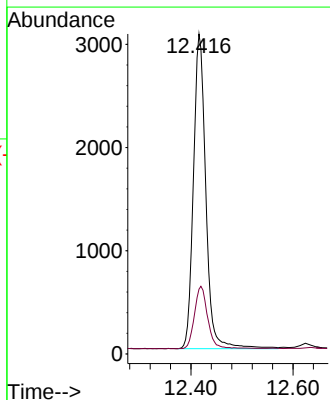
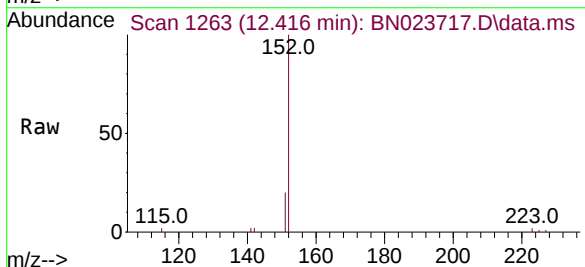
Instrument :  
BNA\_N  
ClientSampleId :  
PB150339BL

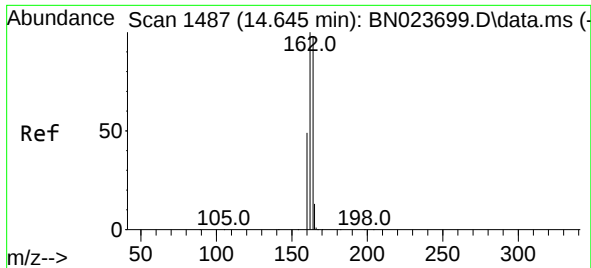
Tgt Ion: 82 Resp: 3081  
Ion Ratio Lower Upper  
82 100  
128 44.2 30.2 45.2  
54 53.1 47.3 70.9



#11  
2-Methylnaphthalene-d10  
Concen: 0.339 ng  
RT: 12.416 min Scan# 1263  
Delta R.T. 0.011 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

Tgt Ion:152 Resp: 6428  
Ion Ratio Lower Upper  
152 100  
151 16.8 17.1 25.7#

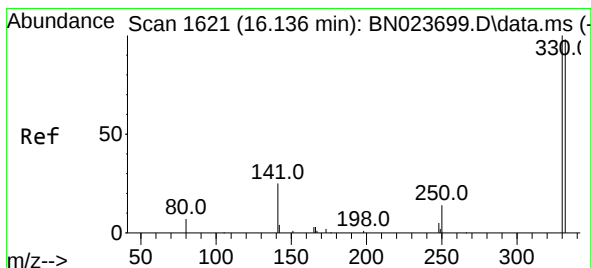
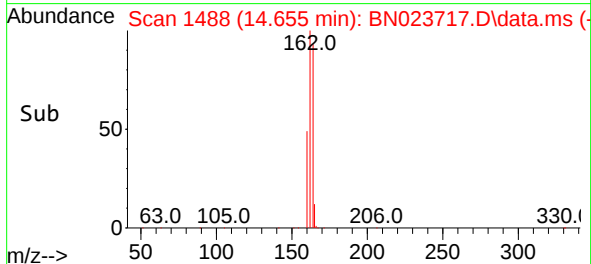
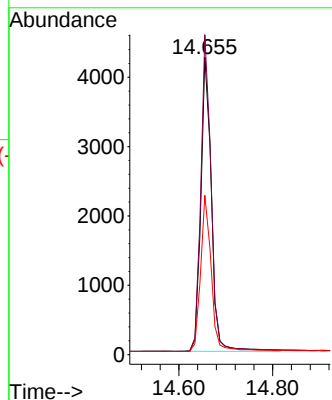
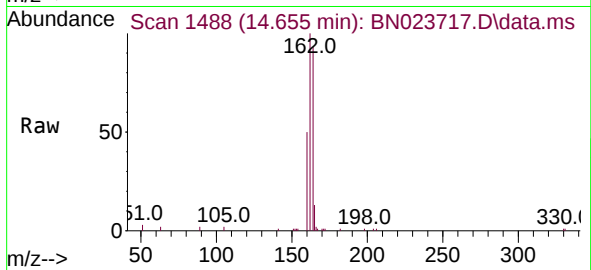




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.655 min Scan# 1488  
Delta R.T. 0.010 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

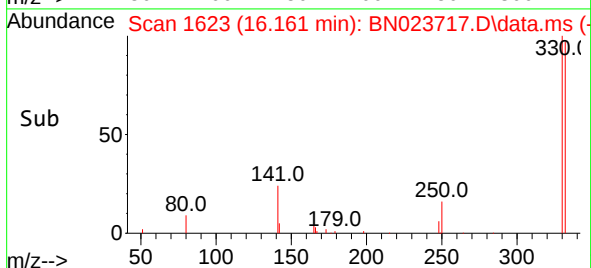
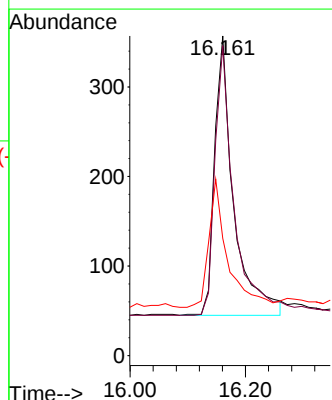
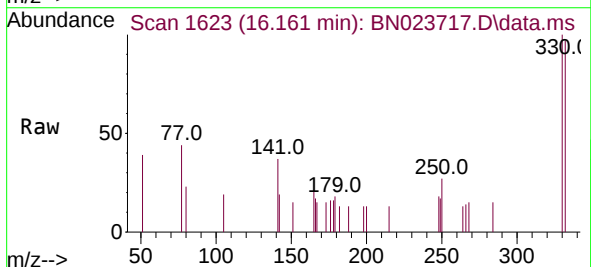
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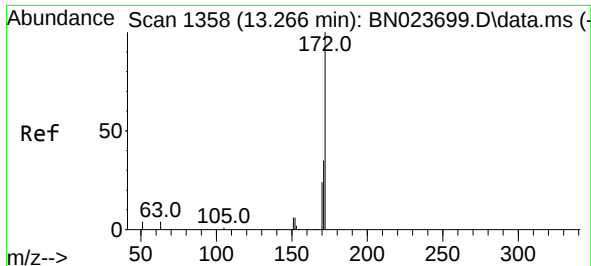
Tgt Ion:164 Resp: 6602  
Ion Ratio Lower Upper  
164 100  
162 107.5 81.8 122.6  
160 53.5 40.3 60.5



#14  
2,4,6-Tribromophenol  
Concen: 0.257 ng  
RT: 16.161 min Scan# 1623  
Delta R.T. 0.012 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

Tgt Ion:330 Resp: 720  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.6 116.4  
141 44.4 35.0 52.4

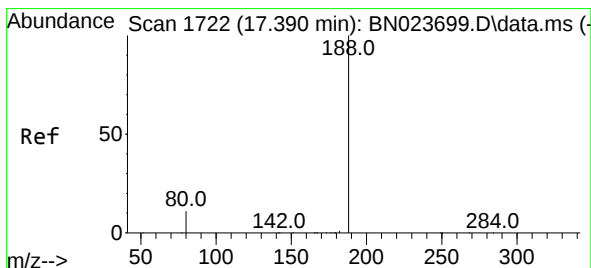
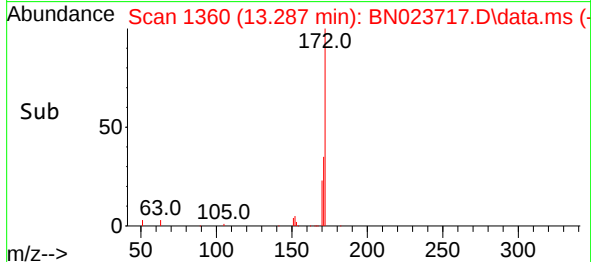
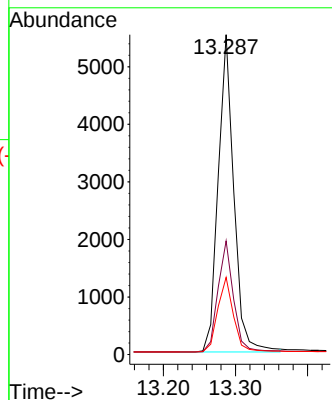
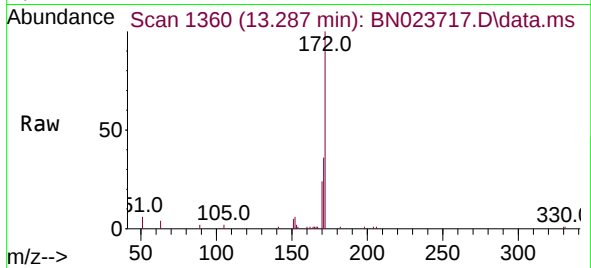




#15  
2-Fluorobiphenyl  
Concen: 0.296 ng  
RT: 13.287 min Scan# 1358  
Delta R.T. 0.010 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

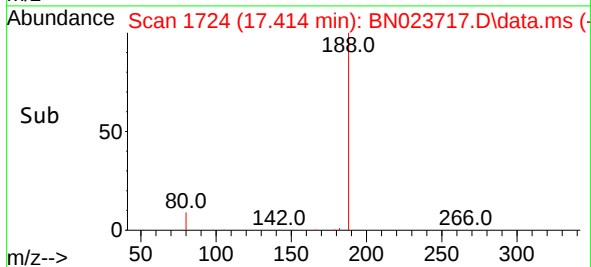
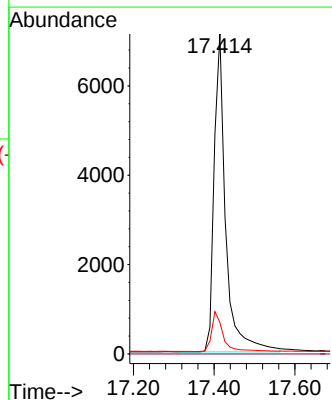
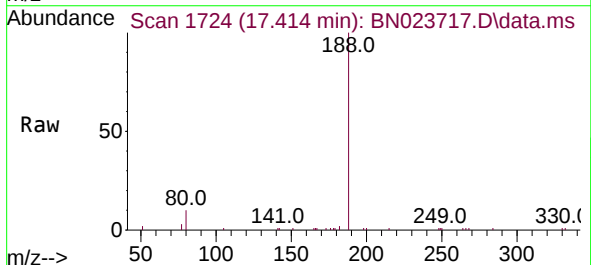
Instrument :  
BNA\_N  
ClientSampleId :  
PB150339BL

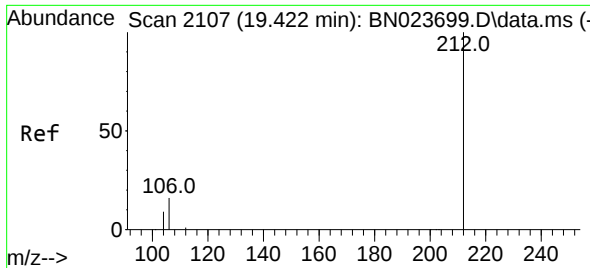
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|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 8338 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.5  | 28.6  | 42.8 |
| 170       | 24.1  | 20.0  | 30.0 |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.414 min Scan# 1724  
Delta R.T. 0.012 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 14155 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 9.8   | 9.5   | 14.3  |

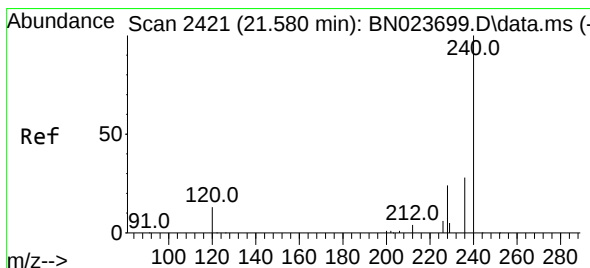
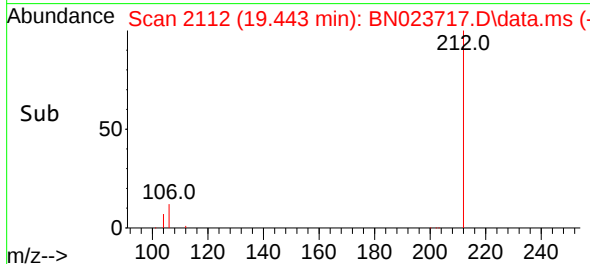
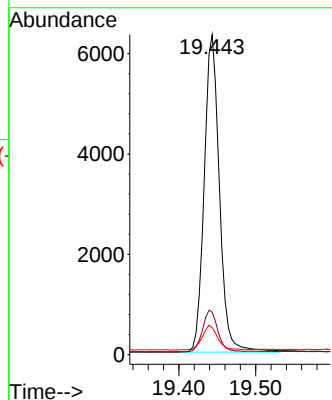
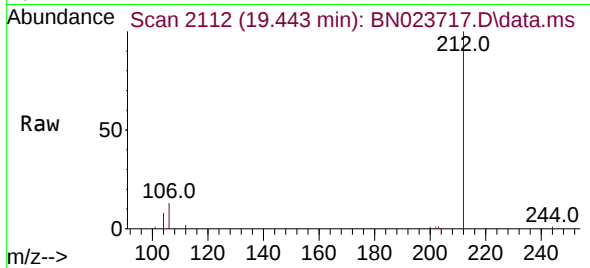




#27  
Fluoranthene-d10  
Concen: 0.263 ng  
RT: 19.443 min Scan# 2112  
Delta R.T. 0.008 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

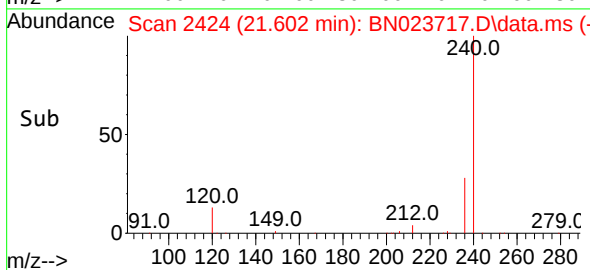
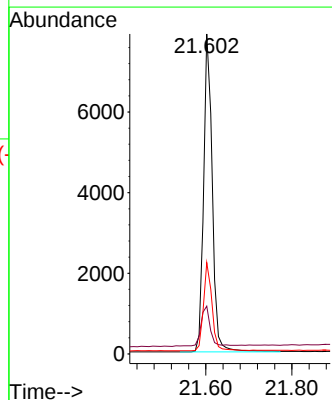
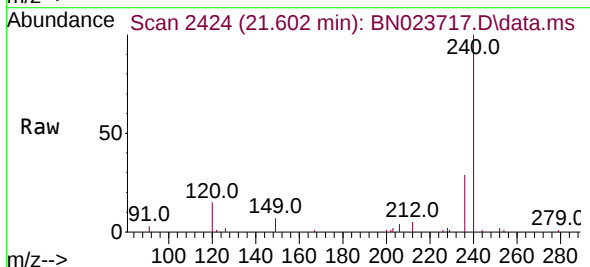
Instrument :  
BNA\_N  
ClientSampleId :  
PB150339BL

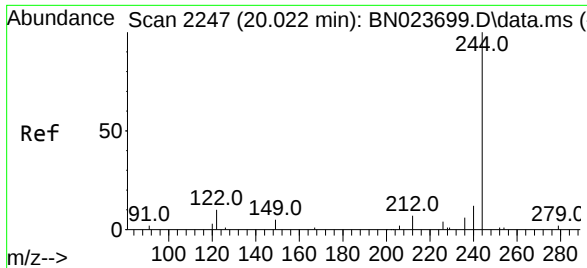
Tgt Ion:212 Resp: 8726  
Ion Ratio Lower Upper  
212 100  
106 13.0 12.4 18.6  
104 8.0 7.1 10.7



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.602 min Scan# 2424  
Delta R.T. 0.013 min  
Lab File: BN023717.D  
Acq: 19 Jan 2023 14:17

Tgt Ion:240 Resp: 10939  
Ion Ratio Lower Upper  
240 100  
120 14.9 12.0 18.0  
236 28.5 22.8 34.2

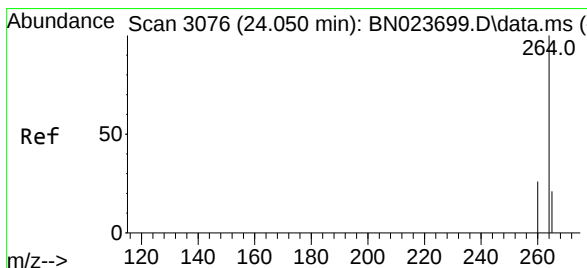
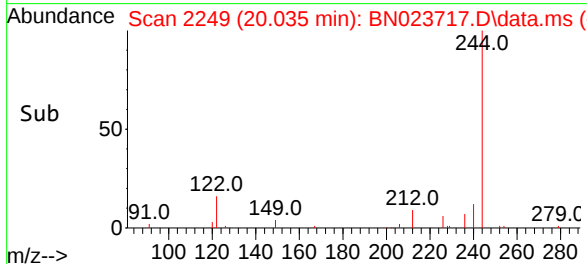
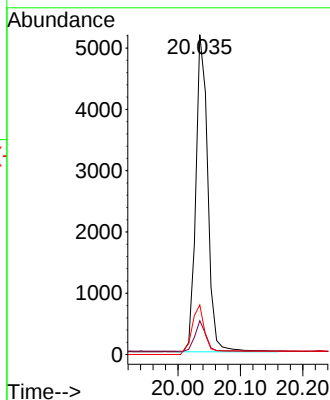
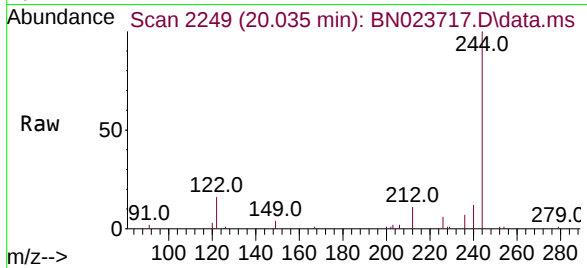




#31  
 Terphenyl-d14  
 Concen: 0.379 ng  
 RT: 20.035 min Scan# 21  
 Delta R.T. 0.004 min  
 Lab File: BN023717.D  
 Acq: 19 Jan 2023 14:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150339BL

Tgt Ion:244 Resp: 6531  
 Ion Ratio Lower Upper  
 244 100  
 212 10.6 6.5 9.7#  
 122 15.5 7.6 11.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.092 min Scan# 3090  
 Delta R.T. 0.019 min  
 Lab File: BN023717.D  
 Acq: 19 Jan 2023 14:17

Tgt Ion:264 Resp: 10011  
 Ion Ratio Lower Upper  
 264 100  
 260 26.6 21.0 31.6  
 265 53.8 49.9 74.9

