

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102423\  
 Data File : BN028372.D  
 Acq On : 24 Oct 2023 11:21  
 Operator : MA/JU  
 Sample : PB156426BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB156426BL

Quant Time: Oct 25 01:03:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN101223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 15:14:08 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.871  | 152  | 4694     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.693 | 136  | 15825    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10        | 14.523 | 164  | 8472     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10        | 17.281 | 188  | 15198    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12            | 21.480 | 240  | 11784    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.928 | 264  | 12659    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.423  | 112  | 6250     | 0.429 | ng    | 0.00     |
| 5) Phenol-d6                | 7.055  | 99   | 7082     | 0.395 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.091  | 82   | 5331     | 0.380 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.279 | 152  | 9901     | 0.416 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol    | 16.040 | 330  | 1410     | 0.341 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl        | 13.144 | 172  | 13174    | 0.442 | ng    | -0.02    |
| 27) Fluoranthene-d10        | 19.319 | 212  | 15270    | 0.376 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.909 | 244  | 12336    | 0.493 | ng    | 0.00     |

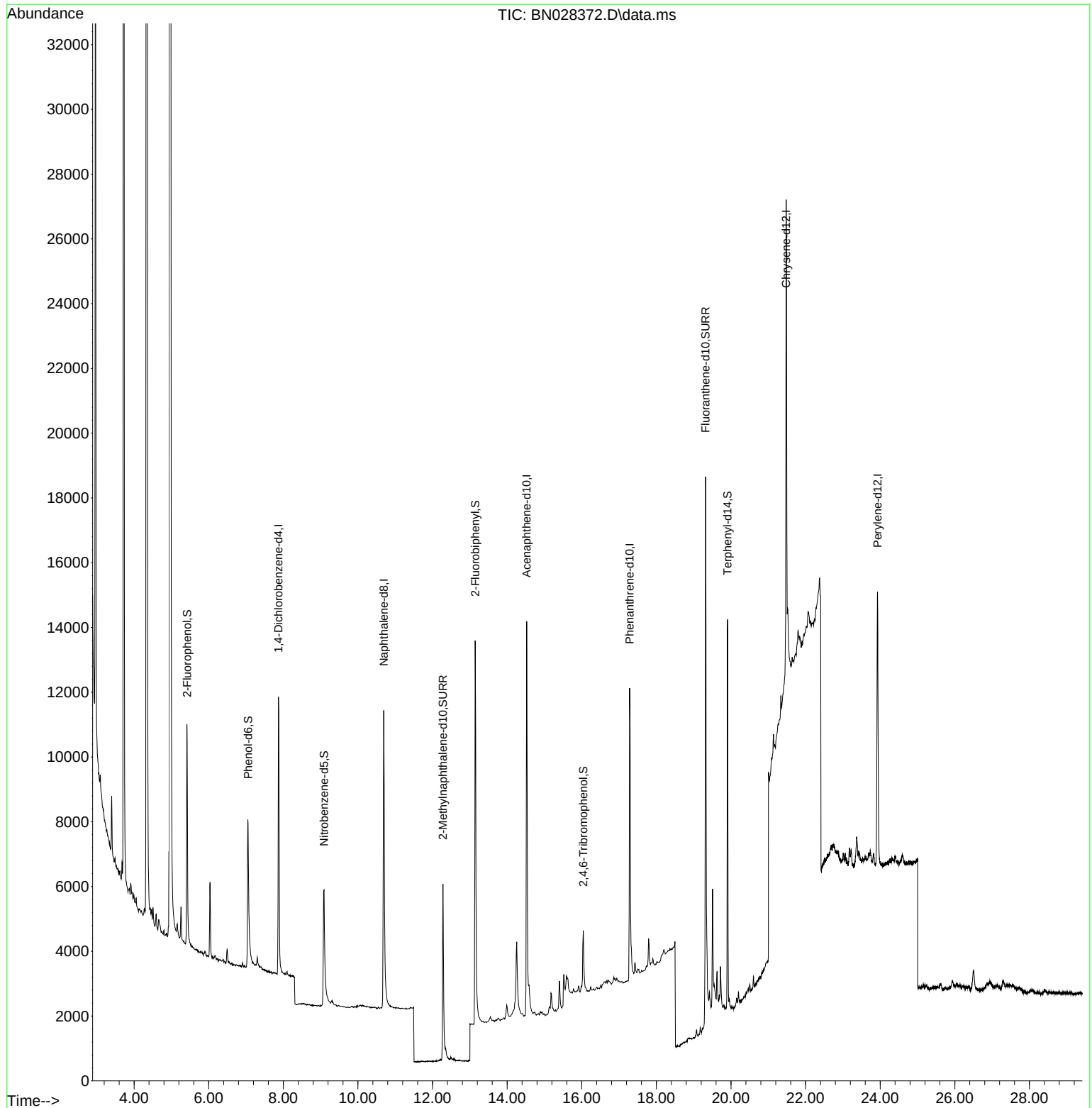
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

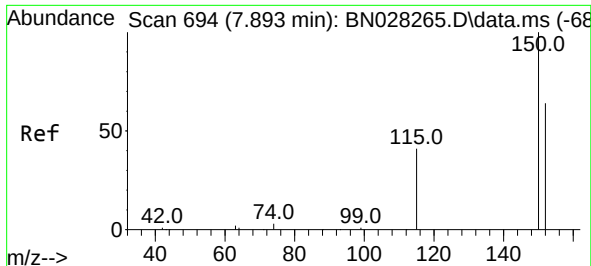
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102423\  
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Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
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PB156426BL

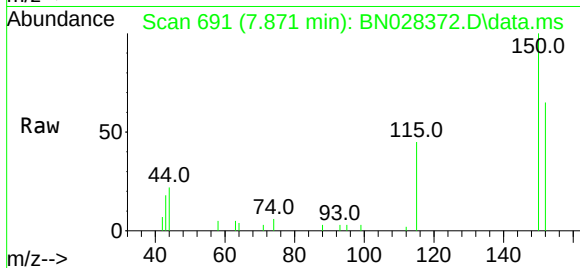
Quant Time: Oct 25 01:03:45 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN101223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 23 15:14:08 2023  
Response via : Initial Calibration



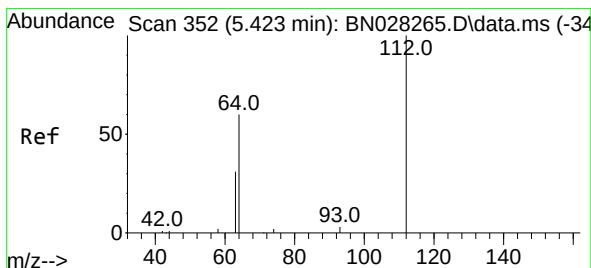
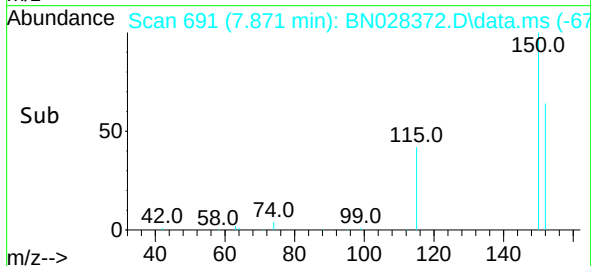
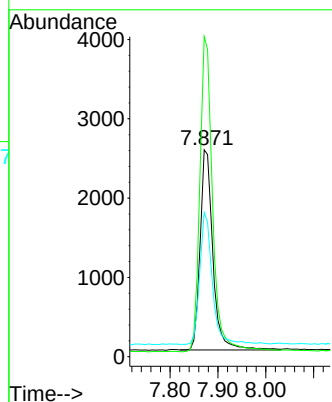


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.871 min Scan# 694  
Delta R.T. -0.007 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

Instrument :  
BNA\_N  
ClientSampleId :  
PB156426BL

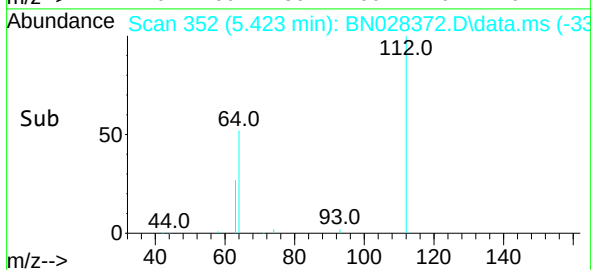
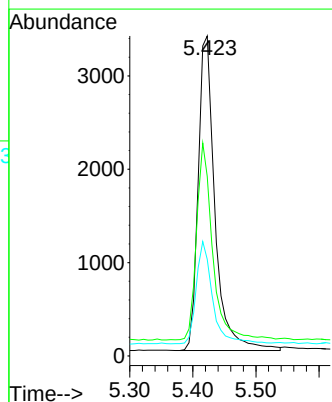
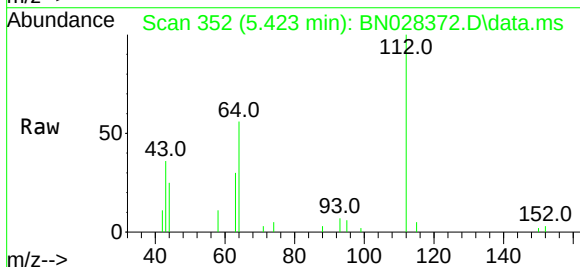


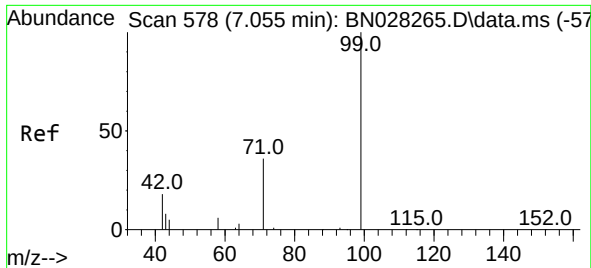
Tgt Ion:152 Resp: 4694  
Ion Ratio Lower Upper  
152 100  
150 154.7 121.6 182.4  
115 69.7 54.3 81.5



#4  
2-Fluorophenol  
Concen: 0.429 ng  
RT: 5.423 min Scan# 352  
Delta R.T. -0.007 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

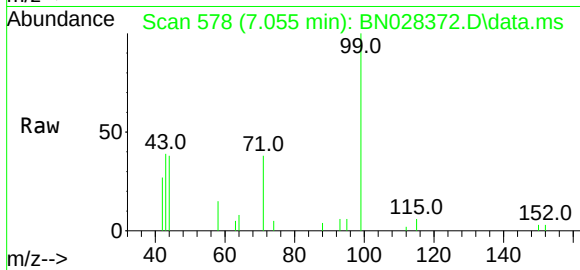
Tgt Ion:112 Resp: 6250  
Ion Ratio Lower Upper  
112 100  
64 59.6 46.9 70.3  
63 31.5 25.0 37.4





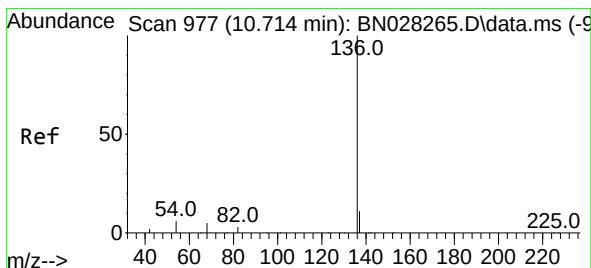
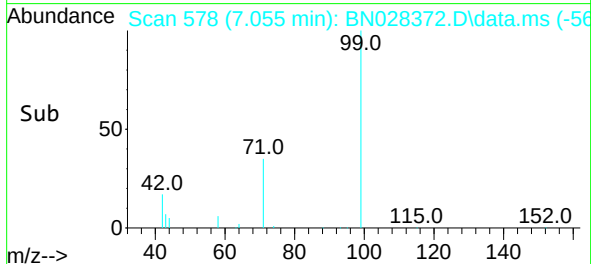
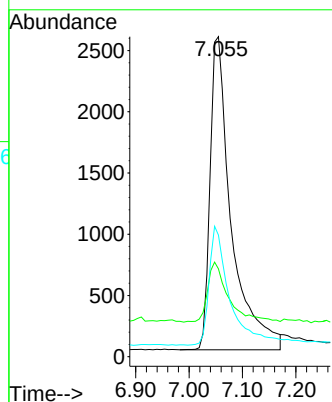
#5  
Phenol-d6  
Concen: 0.395 ng  
RT: 7.055 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

Instrument :  
BNA\_N  
ClientSampleId :  
PB156426BL



Tgt Ion: 99 Resp: 7082

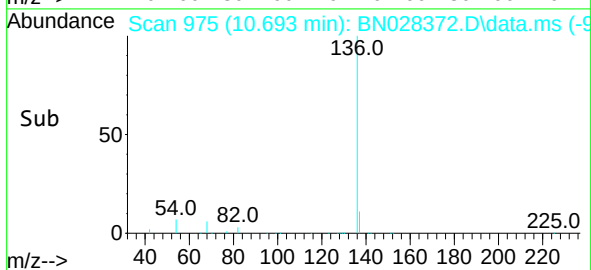
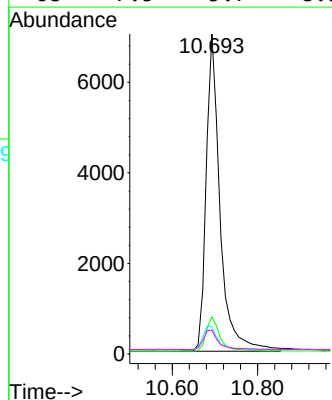
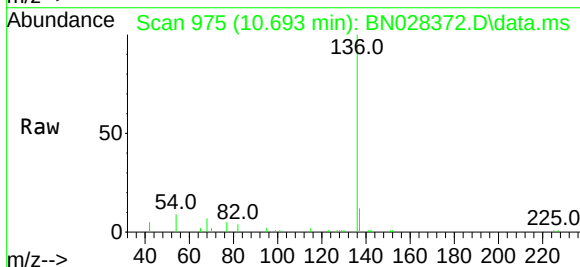
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.8  | 15.9  | 23.9  |
| 71  | 36.7  | 28.6  | 42.8  |

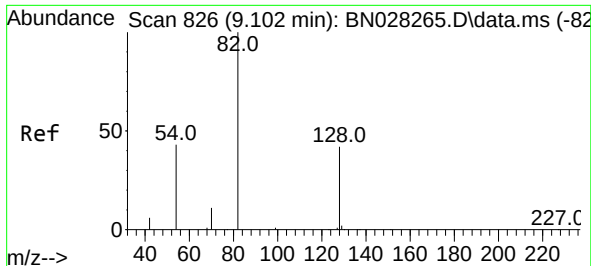


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.693 min Scan# 975  
Delta R.T. -0.011 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

Tgt Ion: 136 Resp: 15825

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 9.8   | 14.8  |
| 54  | 8.6   | 6.2   | 9.4   |
| 68  | 7.5   | 5.7   | 8.5   |

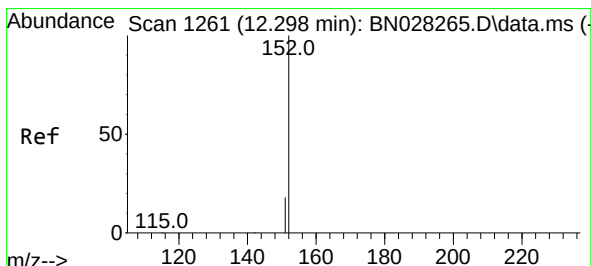
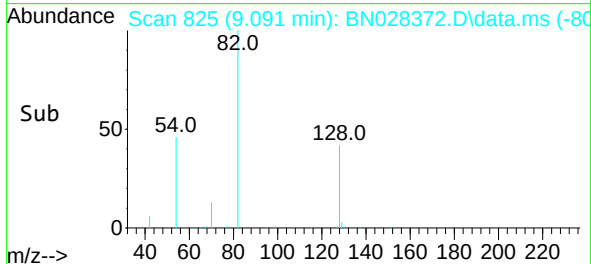
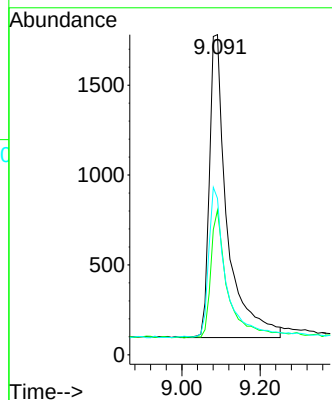
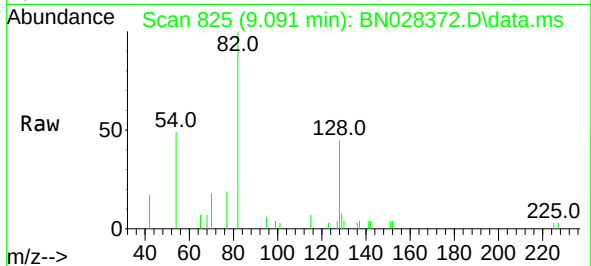




#8  
Nitrobenzene-d5  
Concen: 0.380 ng  
RT: 9.091 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

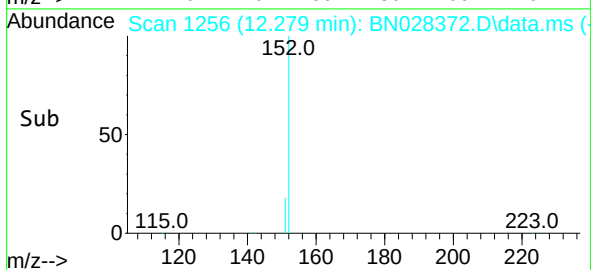
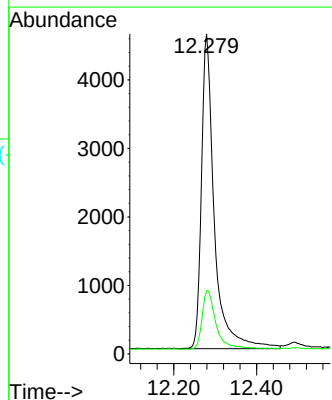
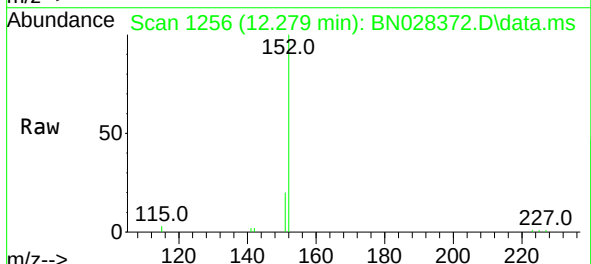
Instrument :  
BNA\_N  
ClientSampleId :  
PB156426BL

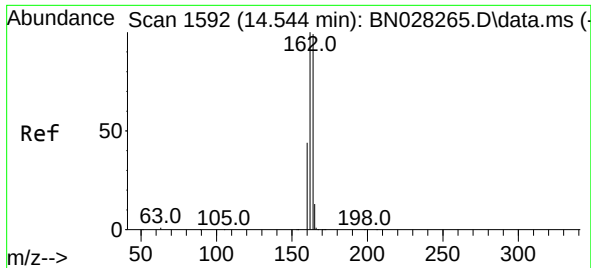
Tgt Ion: 82 Resp: 5331  
Ion Ratio Lower Upper  
82 100  
128 45.1 36.8 55.2  
54 48.8 37.4 56.2



#11  
2-Methylnaphthalene-d10  
Concen: 0.416 ng  
RT: 12.279 min Scan# 1256  
Delta R.T. -0.015 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

Tgt Ion:152 Resp: 9901  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.1 24.1

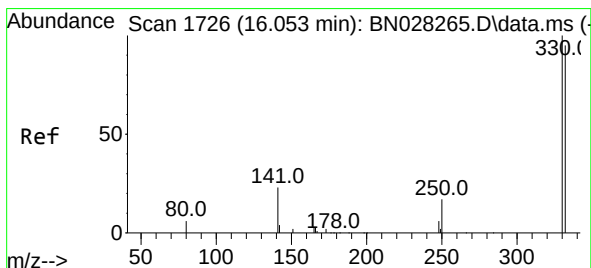
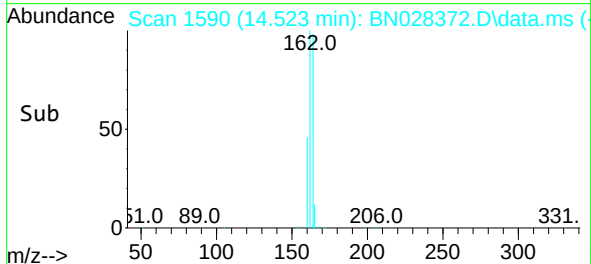
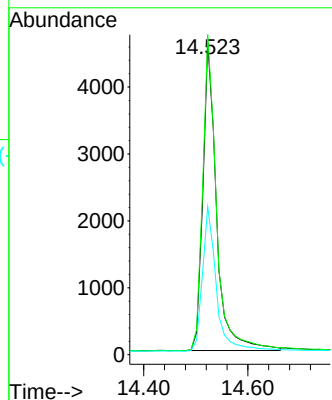
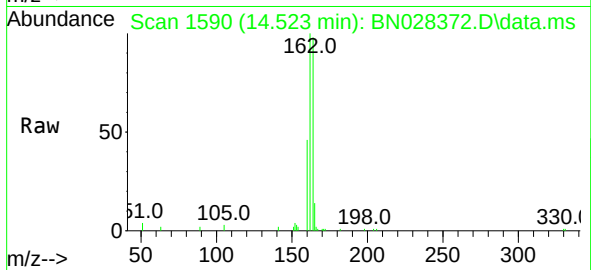




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.523 min Scan# 1590  
Delta R.T. -0.011 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

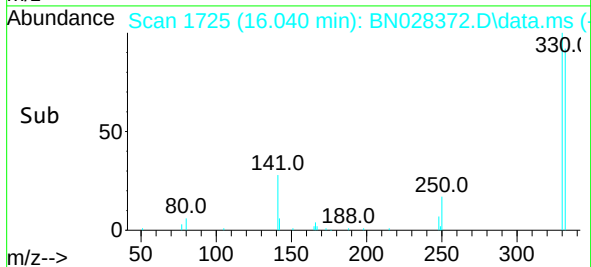
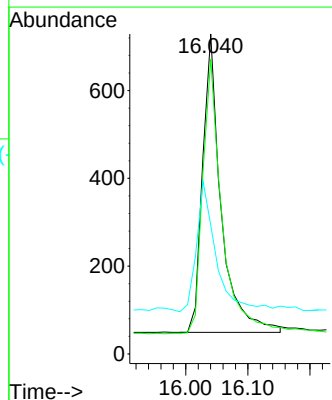
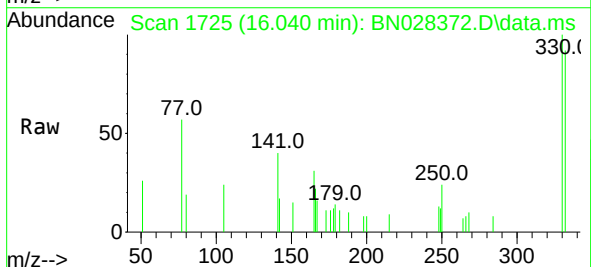
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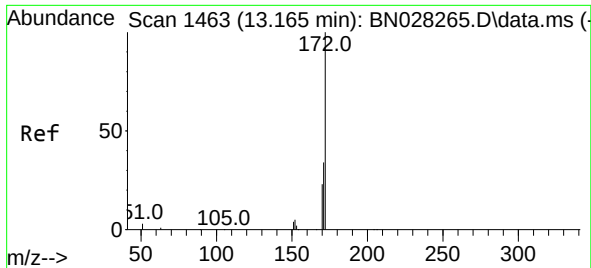
Tgt Ion:164 Resp: 8472  
Ion Ratio Lower Upper  
164 100  
162 102.5 81.1 121.7  
160 47.4 36.6 54.8



#14  
2,4,6-Tribromophenol  
Concen: 0.341 ng  
RT: 16.040 min Scan# 1725  
Delta R.T. -0.025 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

Tgt Ion:330 Resp: 1410  
Ion Ratio Lower Upper  
330 100  
332 95.2 74.1 111.1  
141 46.1 32.1 48.1

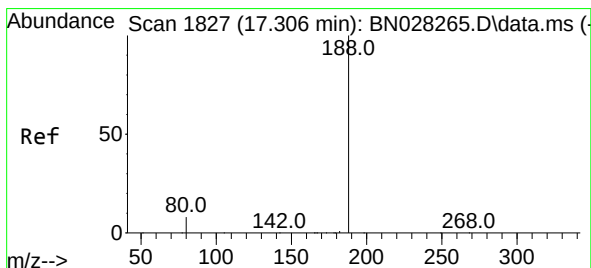
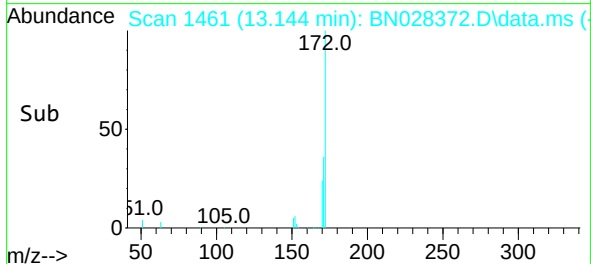
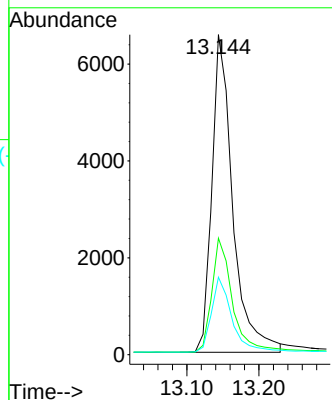
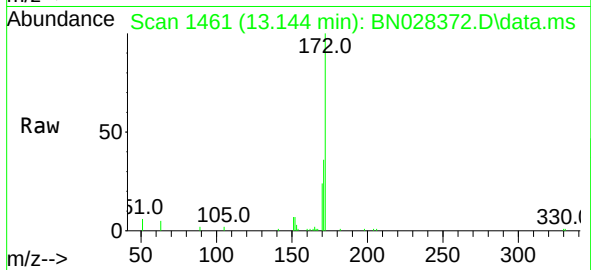




#15  
2-Fluorobiphenyl  
Concen: 0.442 ng  
RT: 13.144 min Scan# 1461  
Delta R.T. -0.021 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

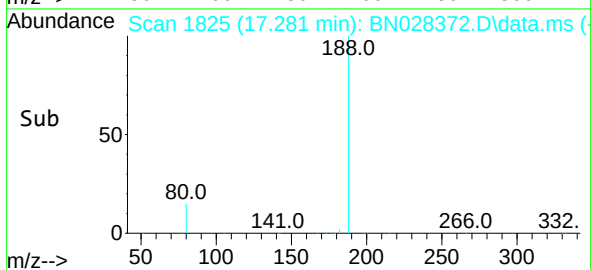
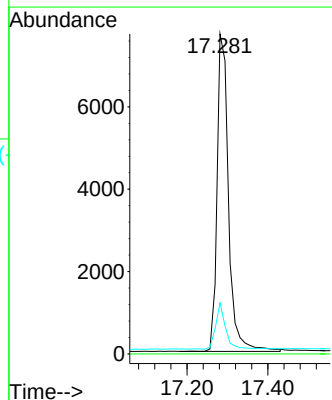
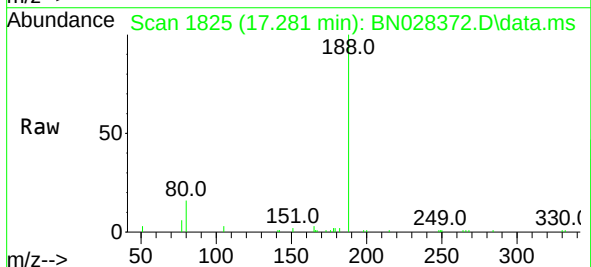
Instrument :  
BNA\_N  
ClientSampleId :  
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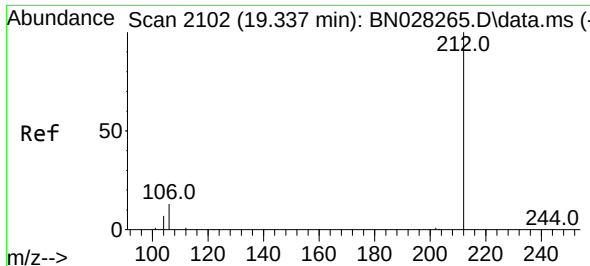
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|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 13174 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 36.4  | 28.3  | 42.5  |
| 170       | 24.2  | 18.7  | 28.1  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.281 min Scan# 1825  
Delta R.T. -0.012 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 15198 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 16.0  | 7.1   | 10.7  |

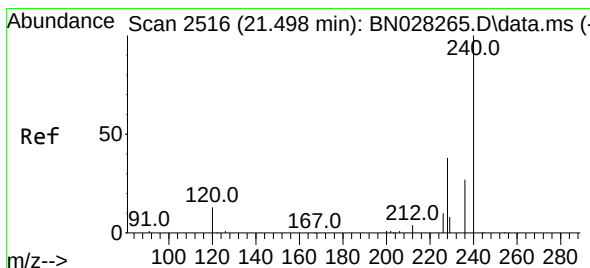
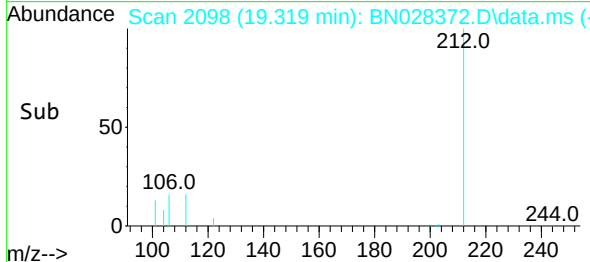
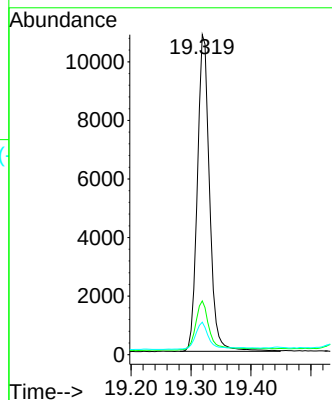
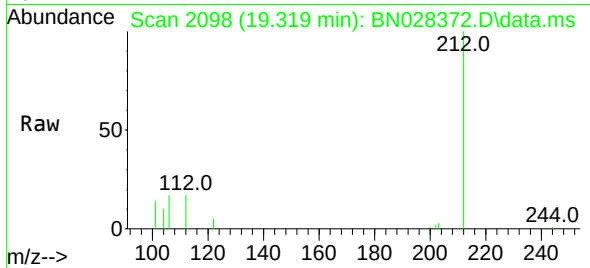




#27  
Fluoranthene-d10  
Concen: 0.376 ng  
RT: 19.319 min Scan# 2098  
Delta R.T. -0.009 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

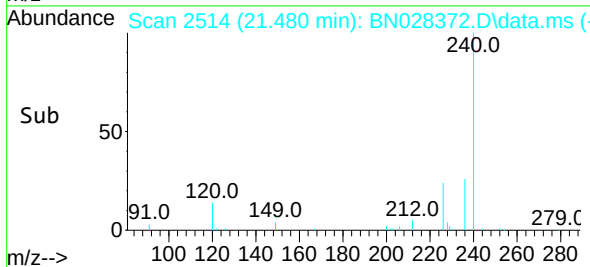
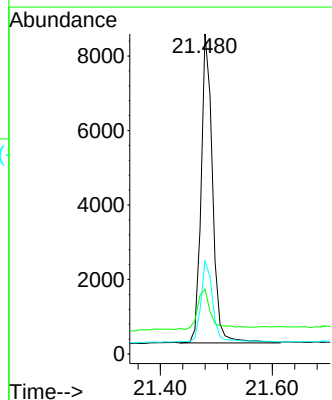
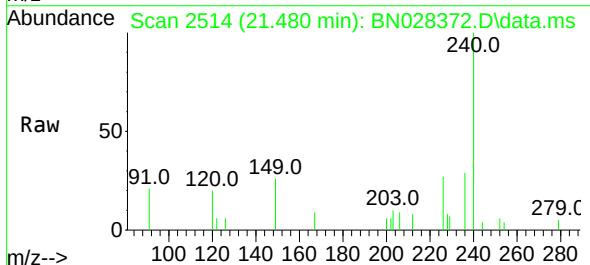
Instrument :  
BNA\_N  
ClientSampleId :  
PB156426BL

Tgt Ion:212 Resp: 15270  
Ion Ratio Lower Upper  
212 100  
106 18.7 11.5 17.3#  
104 9.1 6.7 10.1

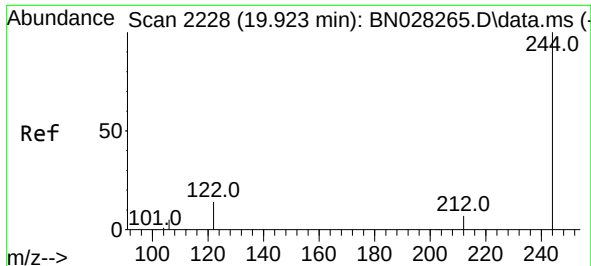


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.480 min Scan# 2514  
Delta R.T. -0.009 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

Tgt Ion:240 Resp: 11784  
Ion Ratio Lower Upper  
240 100  
120 20.3 13.4 20.0#  
236 29.0 22.7 34.1

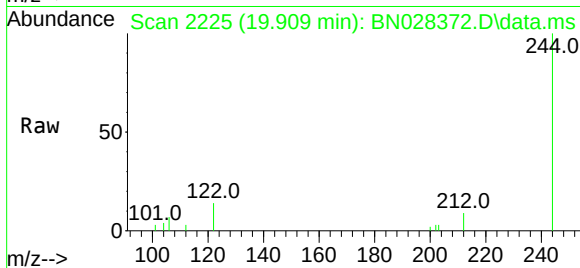




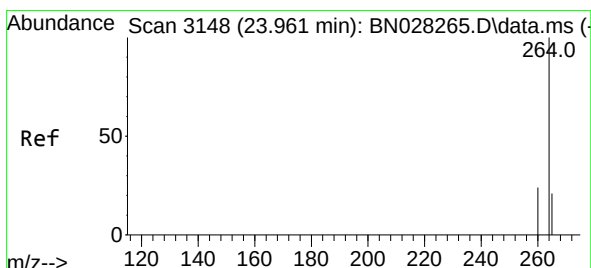
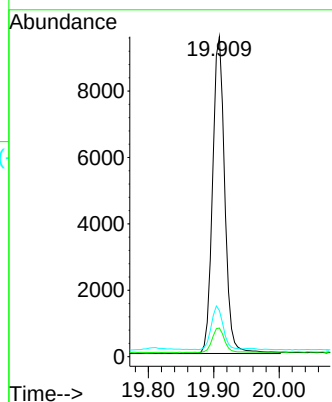


#31  
Terphenyl-d14  
Concen: 0.493 ng  
RT: 19.909 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

Instrument :  
BNA\_N  
ClientSampleId :  
PB156426BL



Tgt Ion:244 Resp: 12336  
Ion Ratio Lower Upper  
244 100  
212 8.9 6.6 10.0  
122 14.4 11.7 17.5



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.928 min Scan# 3137  
Delta R.T. -0.009 min  
Lab File: BN028372.D  
Acq: 24 Oct 2023 11:21

Tgt Ion:264 Resp: 12659  
Ion Ratio Lower Upper  
264 100  
260 27.2 20.7 31.1  
265 63.2 38.3 57.5#

