

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061523\  
 Data File : BN025870.D  
 Acq On : 15 Jun 2023 23:34  
 Operator : MA/JU  
 Sample : PB153425BL  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB153425BL

Quant Time: Jun 16 01:48:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN053123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 16 01:41:46 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.005  | 152  | 5325     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.825 | 136  | 12992    | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10        | 14.641 | 164  | 6715     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10        | 17.393 | 188  | 13101    | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12            | 21.569 | 240  | 10062    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 24.051 | 264  | 10683    | 0.400 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.550  | 112  | 4544     | 0.304 | ng    | 0.01     |
| 5) Phenol-d6                | 7.175  | 99   | 4263     | 0.232 | ng    | 0.02     |
| 8) Nitrobenzene-d5          | 9.191  | 82   | 3546     | 0.294 | ng    | 0.03     |
| 11) 2-Methylnaphthalene-d10 | 12.412 | 152  | 6662     | 0.356 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol    | 16.152 | 330  | 542      | 0.262 | ng    | 0.03     |
| 15) 2-Fluorobiphenyl        | 13.272 | 172  | 9591     | 0.338 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 19.412 | 212  | 12352    | 0.458 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.997 | 244  | 8624     | 0.353 | ng    | 0.00     |

Target Compounds Qvalue

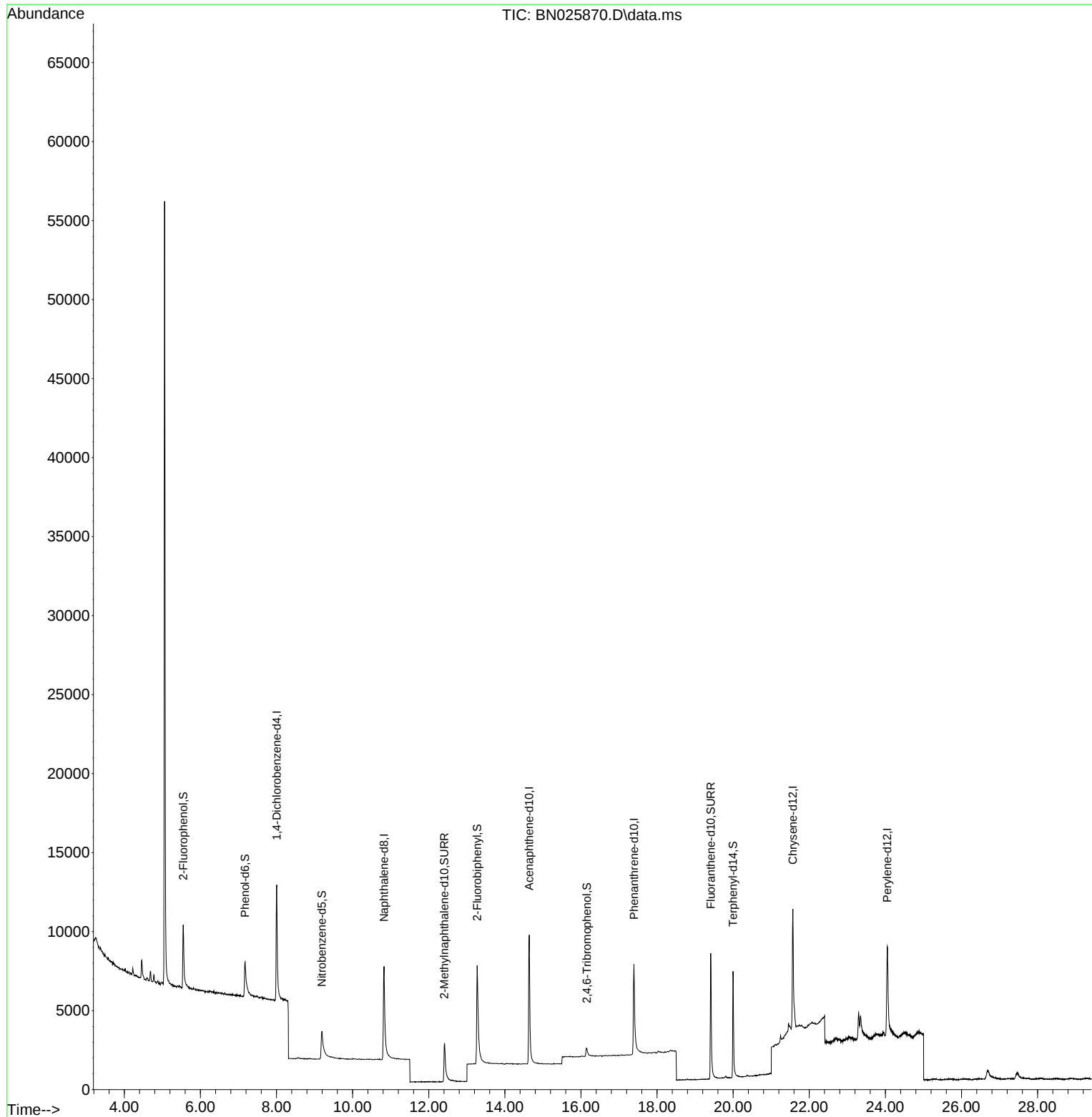
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 20 Sample Multiplier: 1

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Quant Time: Jun 16 01:48:15 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN053123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 16 01:41:46 2023  
Response via : Initial Calibration

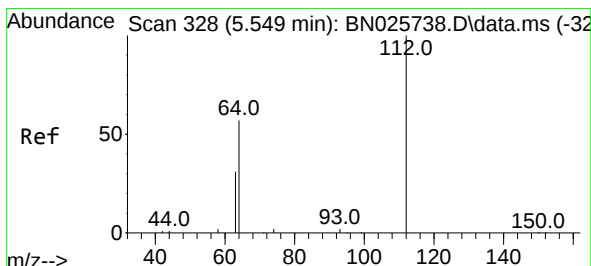
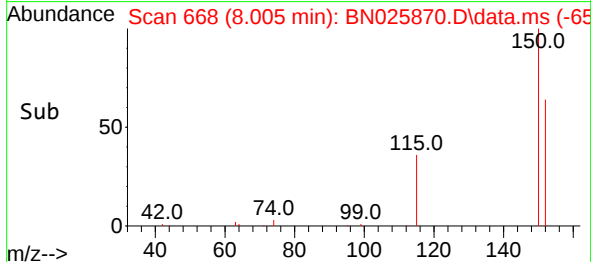
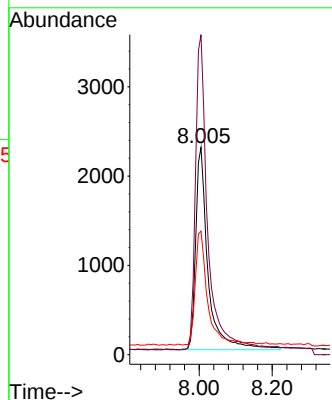
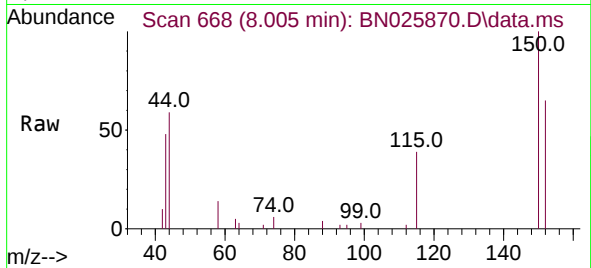




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.005 min Scan# 669  
Delta R.T. 0.007 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

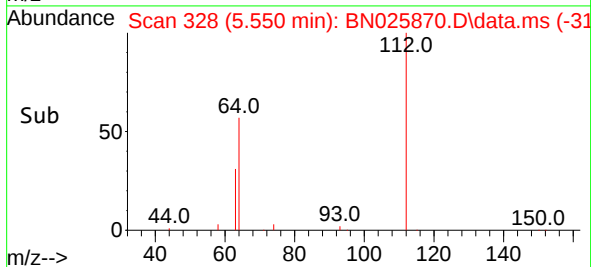
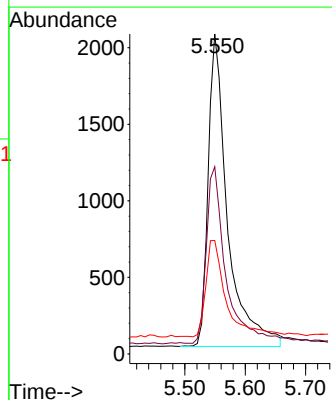
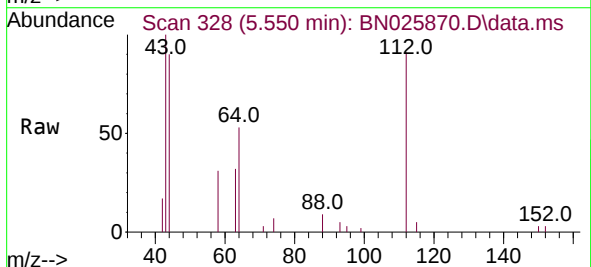
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BNA\_N  
ClientSampleId :  
PB153425BL

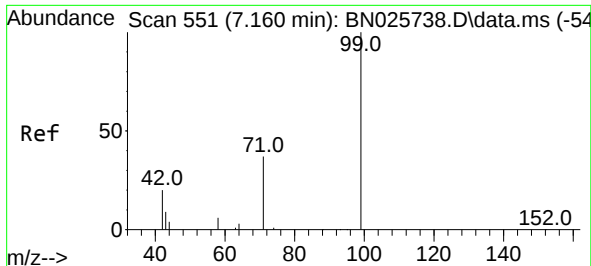
Tgt Ion:152 Resp: 5325  
Ion Ratio Lower Upper  
152 100  
150 154.5 121.5 182.3  
115 59.7 47.7 71.5



#4  
2-Fluorophenol  
Concen: 0.304 ng  
RT: 5.550 min Scan# 328  
Delta R.T. 0.015 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

Tgt Ion:112 Resp: 4544  
Ion Ratio Lower Upper  
112 100  
64 56.9 47.5 71.3  
63 31.7 26.2 39.4

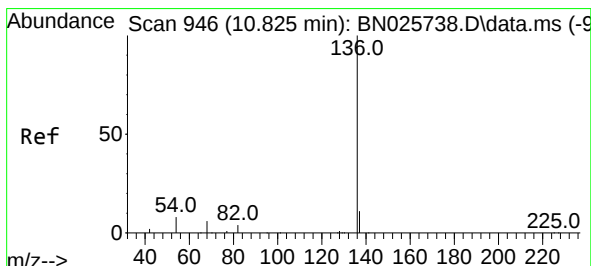
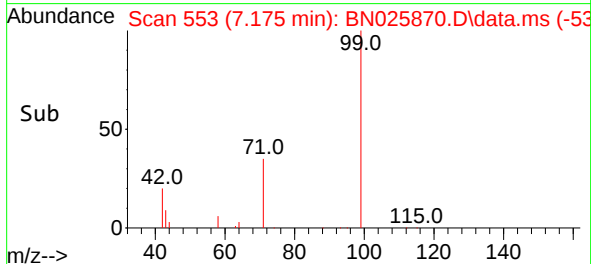
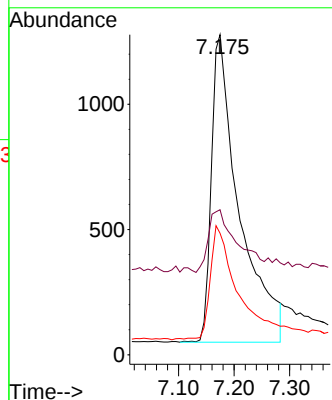
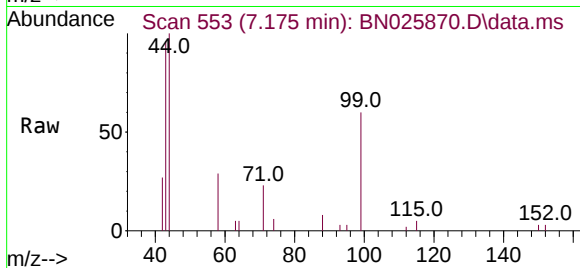




#5  
Phenol-d6  
Concen: 0.232 ng  
RT: 7.175 min Scan# 511  
Delta R.T. 0.022 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

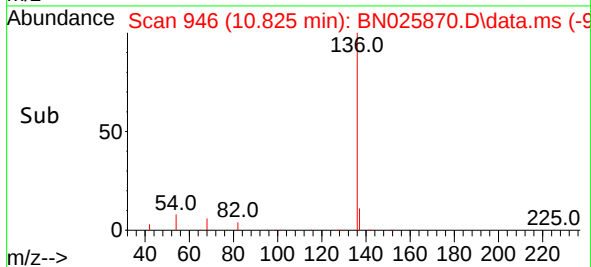
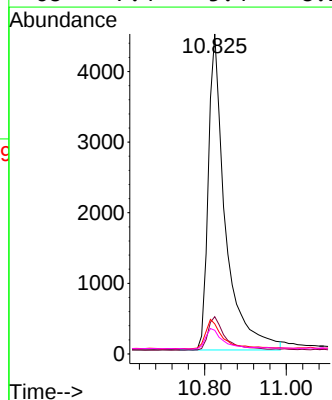
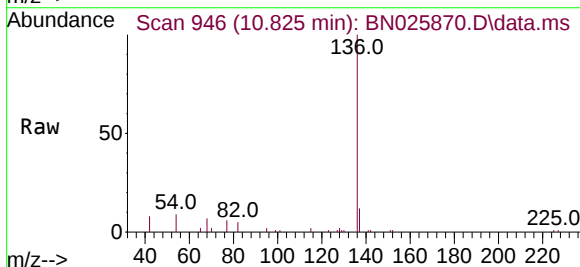
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ClientSampleId :  
PB153425BL

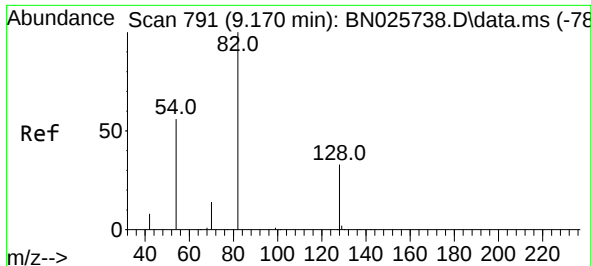
Tgt Ion: 99 Resp: 4263  
Ion Ratio Lower Upper  
99 100  
42 21.3 18.6 28.0  
71 37.0 30.5 45.7



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.825 min Scan# 946  
Delta R.T. 0.011 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

Tgt Ion: 136 Resp: 12992  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.3 13.9  
54 9.4 7.2 10.8  
68 7.4 5.4 8.2

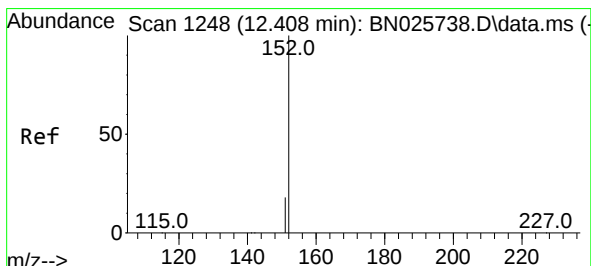
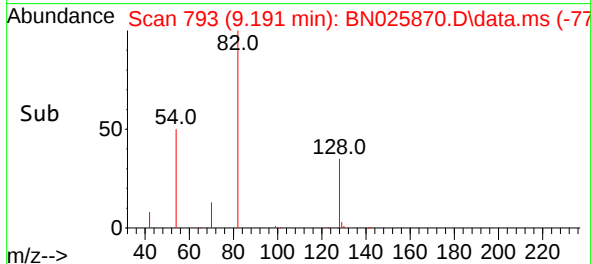
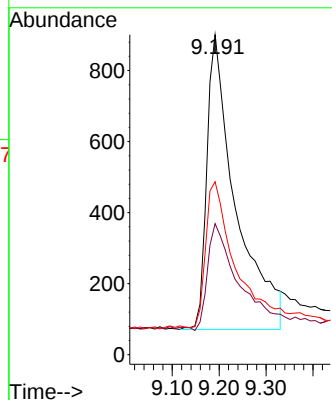
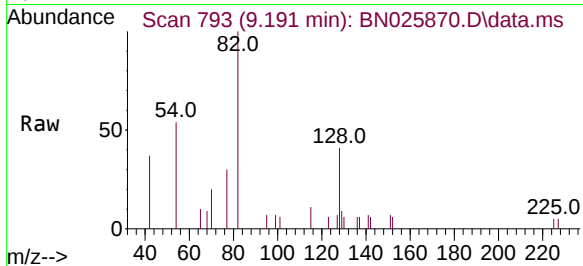




#8  
Nitrobenzene-d5  
Concen: 0.294 ng  
RT: 9.191 min Scan# 791  
Delta R.T. 0.032 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

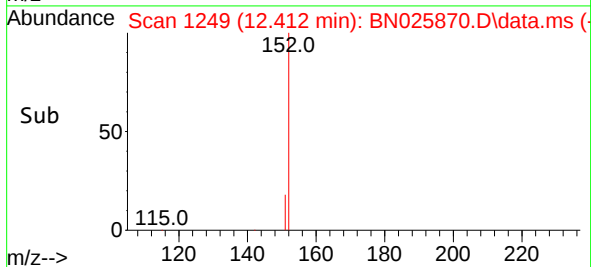
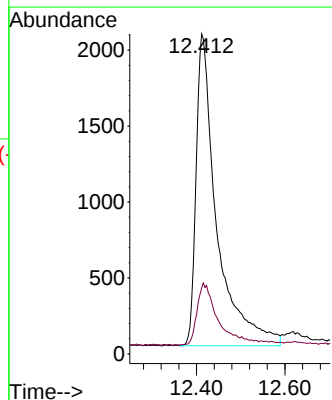
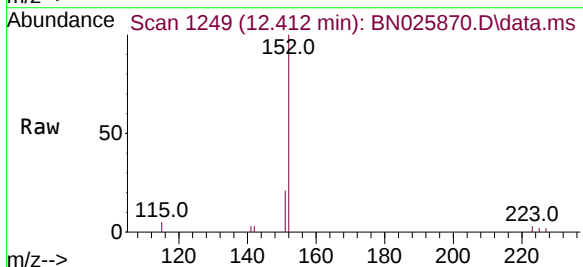
Instrument :  
BNA\_N  
ClientSampleId :  
PB153425BL

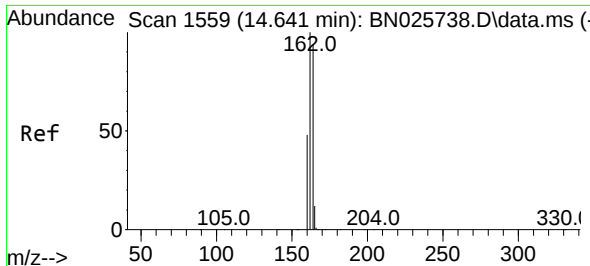
Tgt Ion: 82 Resp: 3546  
Ion Ratio Lower Upper  
82 100  
128 41.0 27.6 41.4  
54 54.1 45.7 68.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.356 ng  
RT: 12.412 min Scan# 1249  
Delta R.T. 0.015 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

Tgt Ion: 152 Resp: 6662  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.4 24.6

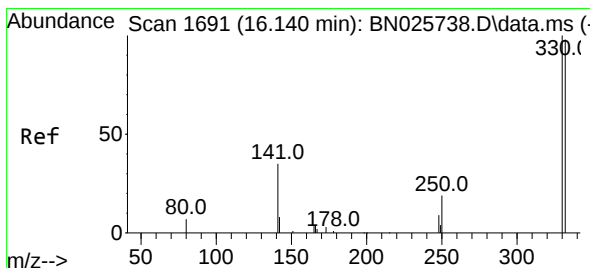
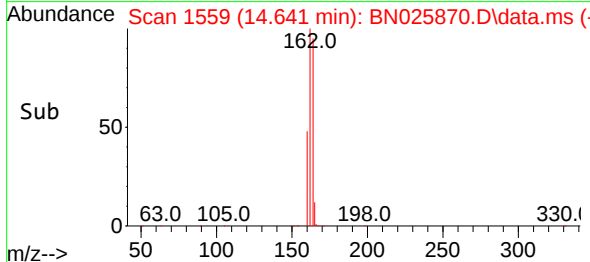
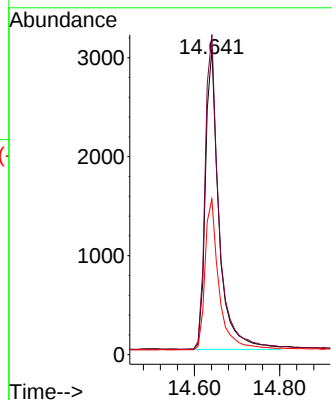
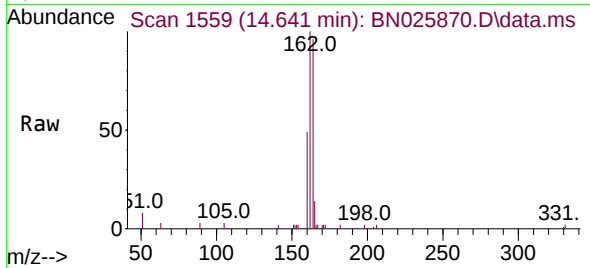




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.641 min Scan# 1559  
Delta R.T. 0.011 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

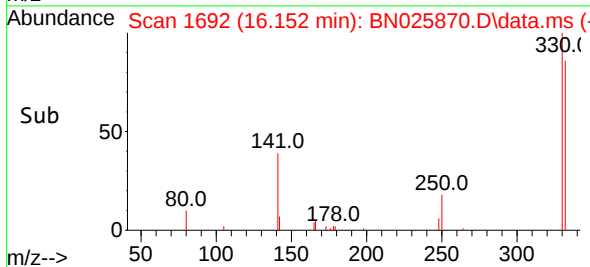
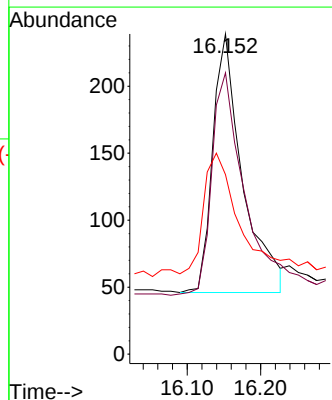
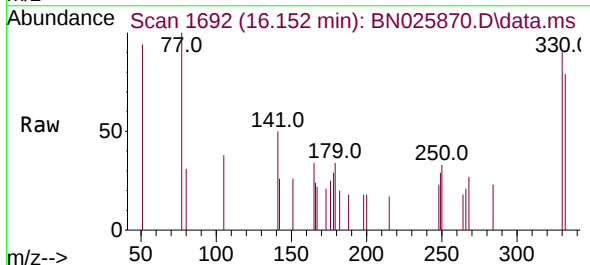
Instrument :  
BNA\_N  
ClientSampleId :  
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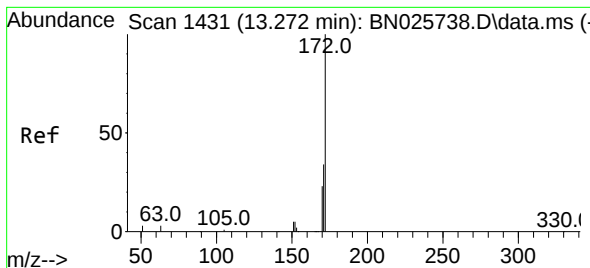
Tgt Ion:164 Resp: 6715  
Ion Ratio Lower Upper  
164 100  
162 104.7 85.0 127.6  
160 50.8 41.1 61.7



#14  
2,4,6-Tribromophenol  
Concen: 0.262 ng  
RT: 16.152 min Scan# 1692  
Delta R.T. 0.025 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

Tgt Ion:330 Resp: 542  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.3 115.9  
141 48.7 55.0 82.6#

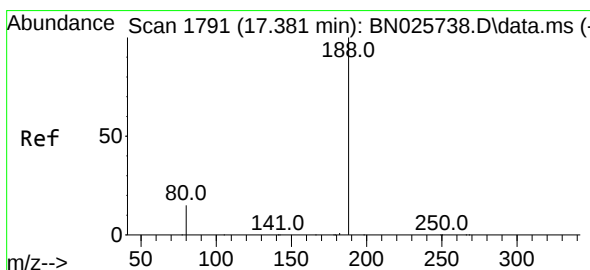
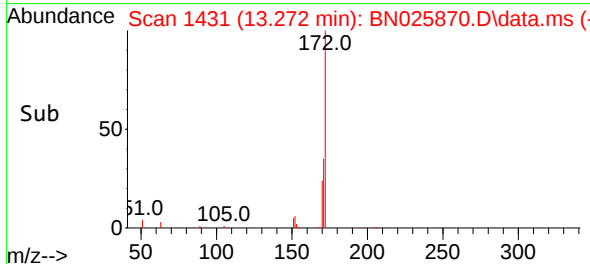
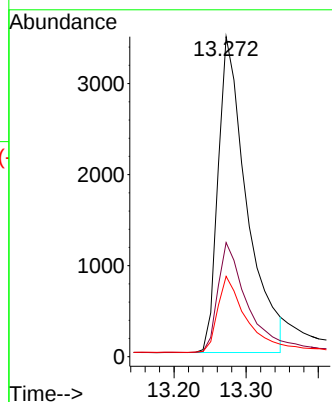
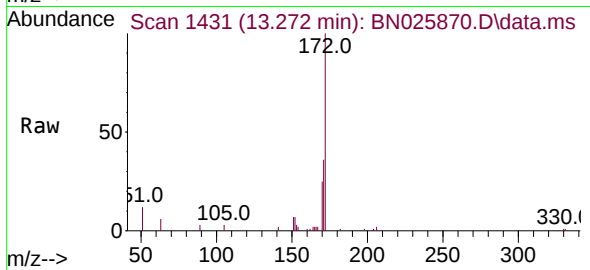




#15  
2-Fluorobiphenyl  
Concen: 0.338 ng  
RT: 13.272 min Scan# 1431  
Delta R.T. 0.011 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

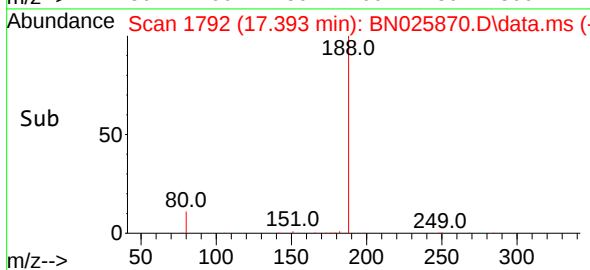
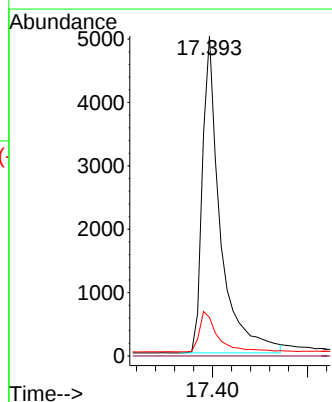
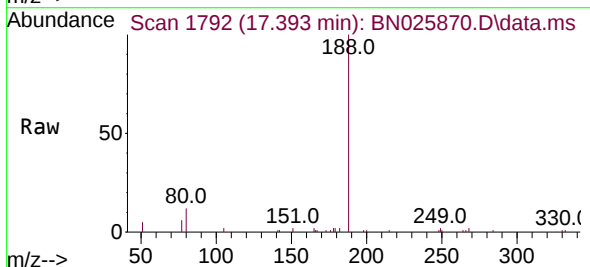
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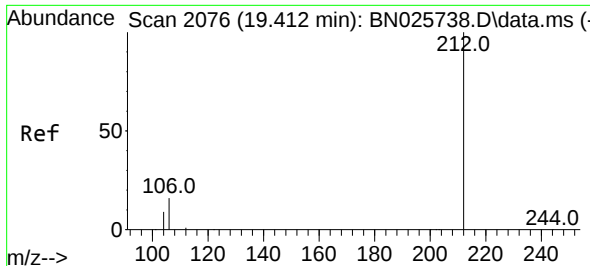
Tgt Ion:172 Resp: 9591  
Ion Ratio Lower Upper  
172 100  
171 35.7 27.3 40.9  
170 25.1 18.6 28.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.393 min Scan# 1792  
Delta R.T. 0.013 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

Tgt Ion:188 Resp: 13101  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.0 12.1 18.1#

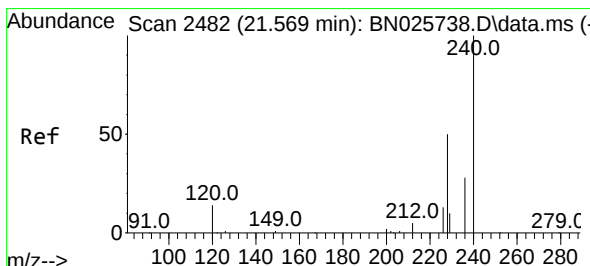
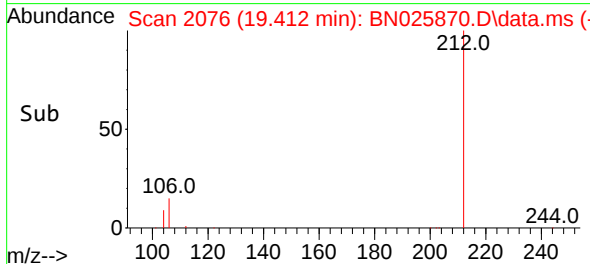
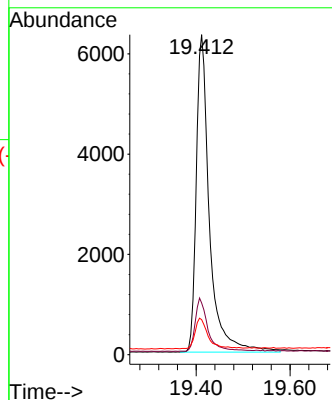
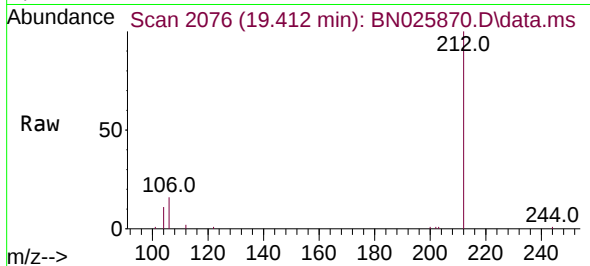




#27  
Fluoranthene-d10  
Concen: 0.458 ng  
RT: 19.412 min Scan# 2076  
Delta R.T. 0.010 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

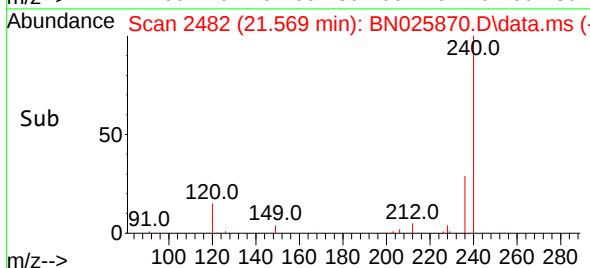
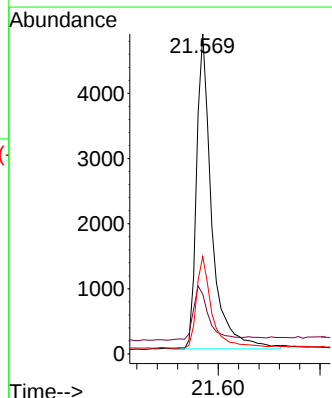
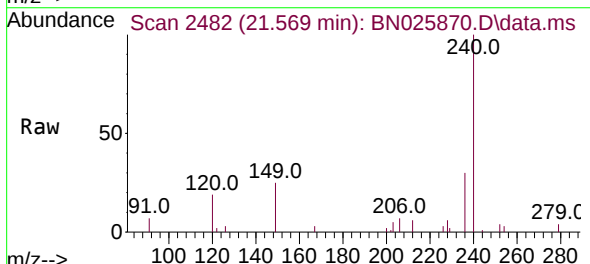
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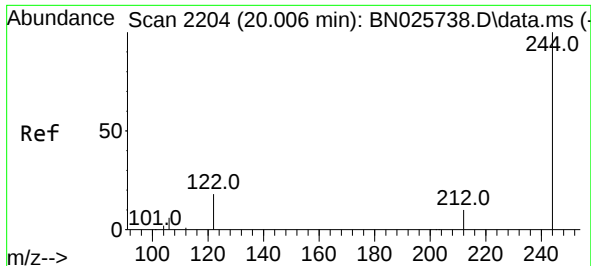
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Ion Ratio Lower Upper  
212 100  
106 16.1 13.0 19.6  
104 9.6 7.7 11.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.569 min Scan# 2482  
Delta R.T. 0.009 min  
Lab File: BN025870.D  
Acq: 15 Jun 2023 23:34

Tgt Ion:240 Resp: 10062  
Ion Ratio Lower Upper  
240 100  
120 18.7 13.2 19.8  
236 30.5 23.1 34.7

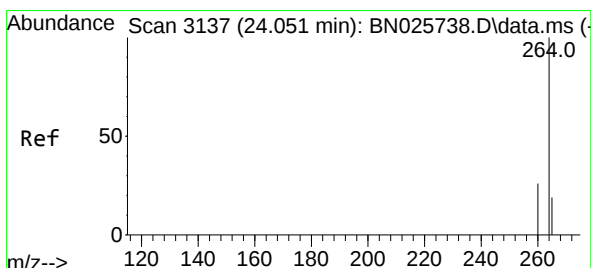
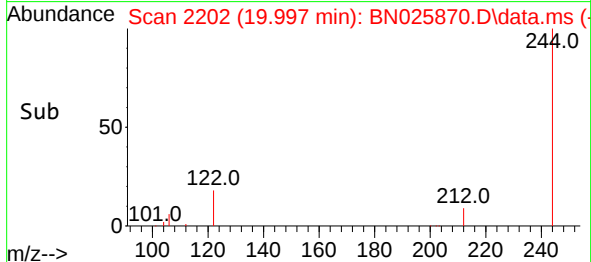
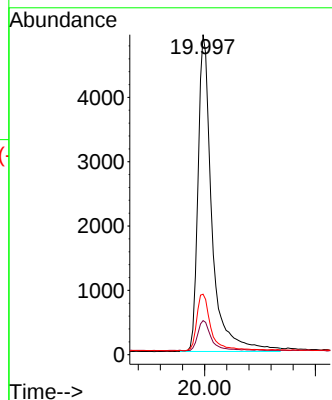
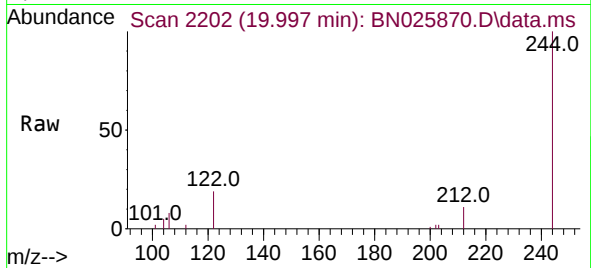




#31  
 Terphenyl-d14  
 Concen: 0.353 ng  
 RT: 19.997 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN025870.D  
 Acq: 15 Jun 2023 23:34

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB153425BL

Tgt Ion:244 Resp: 8624  
 Ion Ratio Lower Upper  
 244 100  
 212 10.6 8.6 12.8  
 122 18.9 15.2 22.8



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.051 min Scan# 3137  
 Delta R.T. 0.003 min  
 Lab File: BN025870.D  
 Acq: 15 Jun 2023 23:34

Tgt Ion:264 Resp: 10683  
 Ion Ratio Lower Upper  
 264 100  
 260 27.7 21.4 32.2  
 265 65.9 44.7 67.1

