

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062421\  
 Data File : BN015010.D  
 Acq On : 23 Jun 2021 15:53  
 Operator : CG/JU  
 Sample : PB137284BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB137284BL

Quant Time: Jun 23 17:05:59 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN061621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 23 16:24:59 2021  
 Response via : Initial Calibration

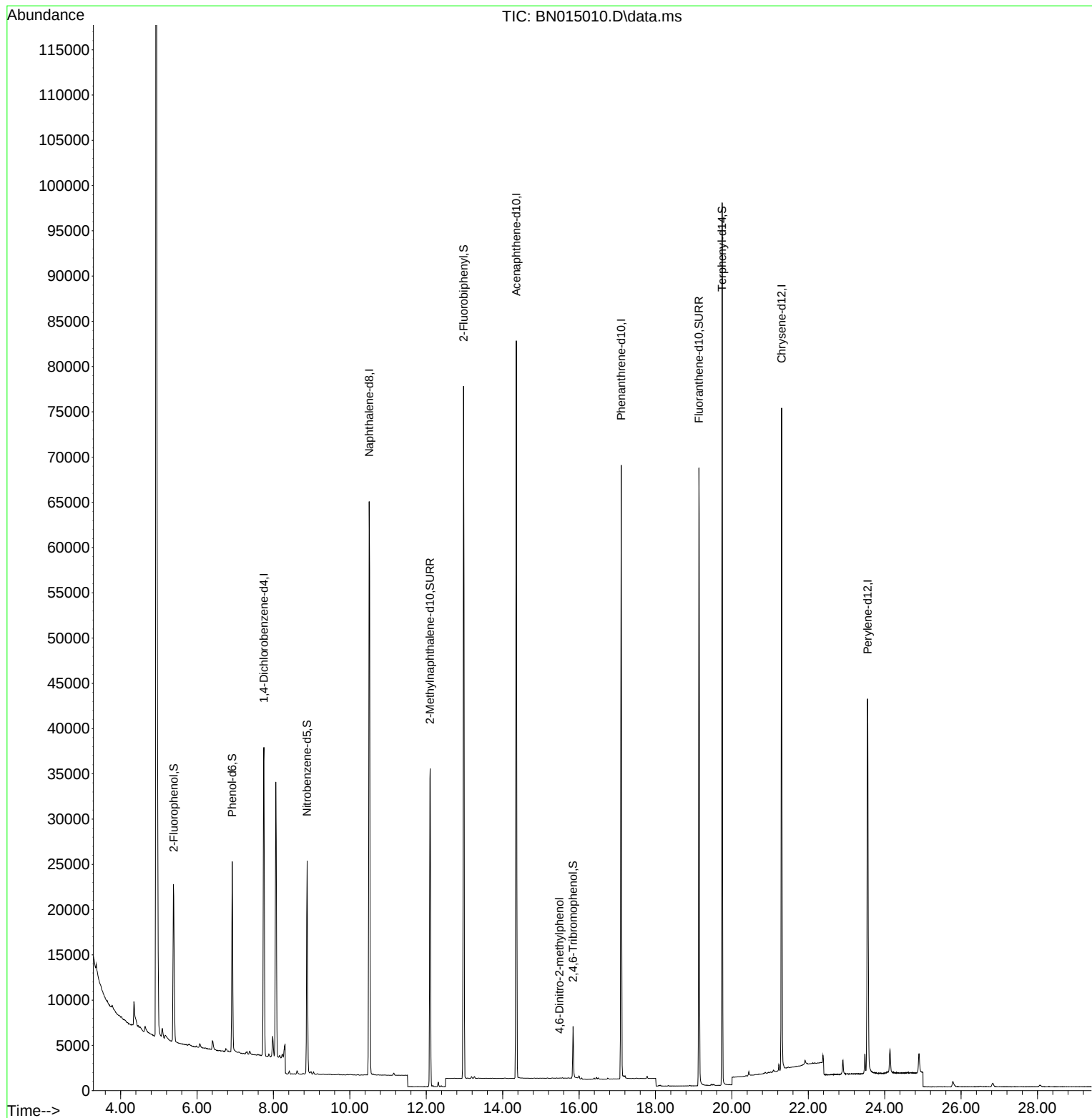
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|-------|-------|-------------|
| -----                         |        |      |          |       |       |             |
| Internal Standards            |        |      |          |       |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 7.750  | 152  | 20570    | 0.400 | ng    | # 0.00      |
| 7) Naphthalene-d8             | 10.505 | 136  | 90609    | 0.400 | ng    | # 0.00      |
| 13) Acenaphthene-d10          | 14.358 | 164  | 46136    | 0.400 | ng    | 0.00        |
| 19) Phenanthrene-d10          | 17.104 | 188  | 87350    | 0.400 | ng    | # 0.00      |
| 29) Chrysene-d12              | 21.303 | 240  | 65939    | 0.400 | ng    | # 0.00      |
| 35) Perylene-d12              | 23.554 | 264  | 57506    | 0.400 | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |       |       |             |
| 4) 2-Fluorophenol             | 5.390  | 112  | 19047    | 0.299 | ng    | 0.02        |
| 5) Phenol-d6                  | 6.920  | 99   | 21073    | 0.261 | ng    | 0.00        |
| 8) Nitrobenzene-d5            | 8.883  | 82   | 20159    | 0.294 | ng    | 0.00        |
| 11) 2-Methylnaphthalene-d10   | 12.101 | 152  | 47468    | 0.305 | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol      | 15.843 | 330  | 4437     | 0.205 | ng    | 0.00        |
| 15) 2-Fluorobiphenyl          | 12.975 | 172  | 68166    | 0.389 | ng    | 0.00        |
| 27) Fluoranthene-d10          | 19.138 | 212  | 77172    | 0.280 | ng    | 0.00        |
| 31) Terphenyl-d14             | 19.744 | 244  | 93821    | 0.574 | ng    | 0.00        |
| Target Compounds              |        |      |          |       |       |             |
| 20) 4,6-Dinitro-2-methylph... | 15.488 | 198  | 3        | 0.105 | ng    | Qvalue # 14 |
| -----                         |        |      |          |       |       |             |

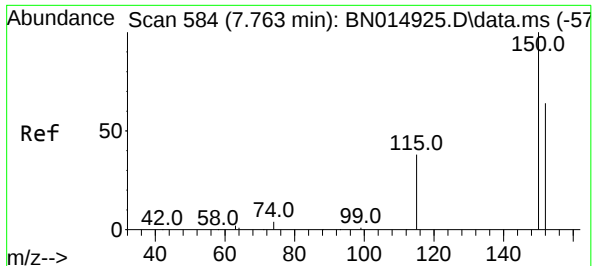
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062421\  
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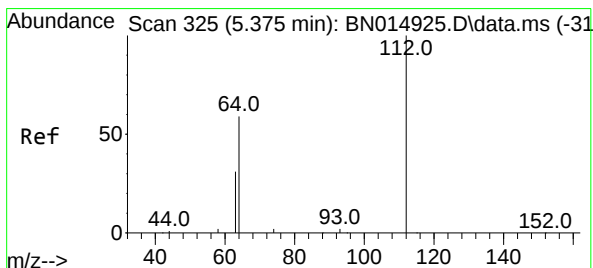
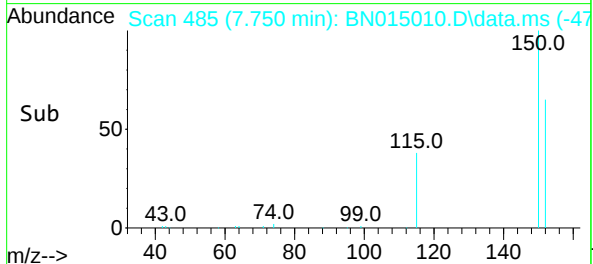
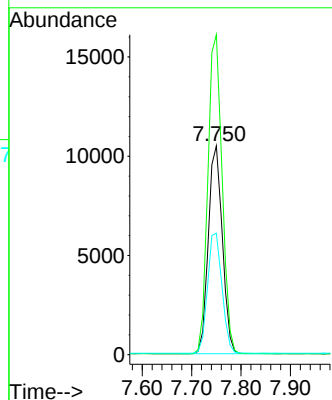
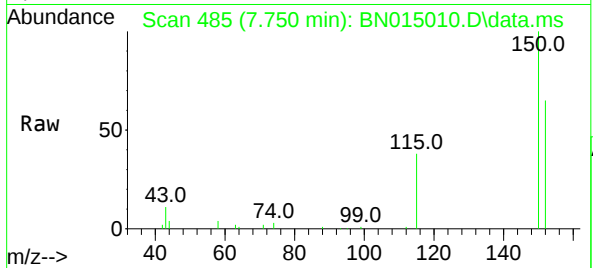




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.750 min Scan# 485  
 Delta R.T. 0.000 min  
 Lab File: BN015010.D  
 Acq: 23 Jun 2021 15:53

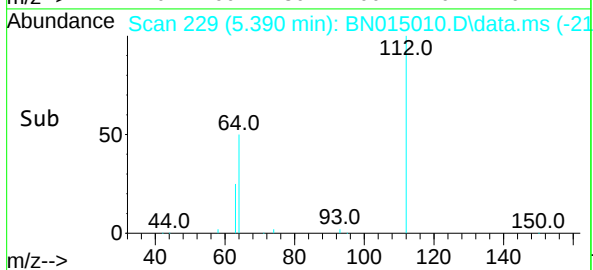
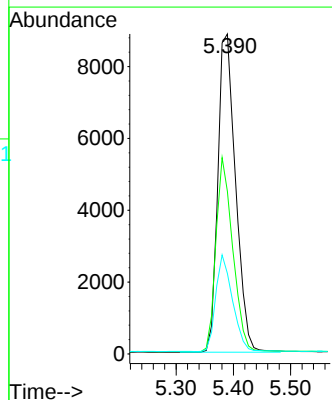
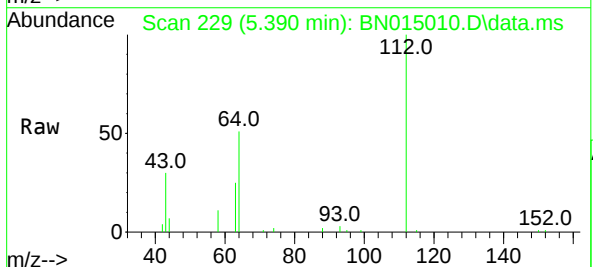
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 ClientSampleId :  
 PB137284BL

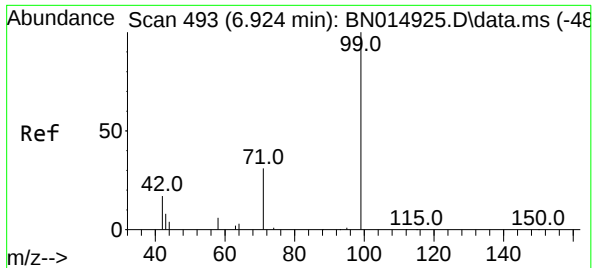
Tgt Ion:152 Resp: 20570  
 Ion Ratio Lower Upper  
 152 100  
 150 153.3 119.0 178.6  
 115 58.2 62.2 93.4#



#4  
 2-Fluorophenol  
 Concen: 0.299 ng  
 RT: 5.390 min Scan# 229  
 Delta R.T. 0.018 min  
 Lab File: BN015010.D  
 Acq: 23 Jun 2021 15:53

Tgt Ion:112 Resp: 19047  
 Ion Ratio Lower Upper  
 112 100  
 64 57.7 39.0 58.6  
 63 28.9 20.6 30.8

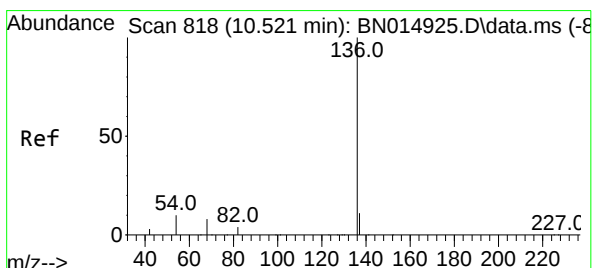
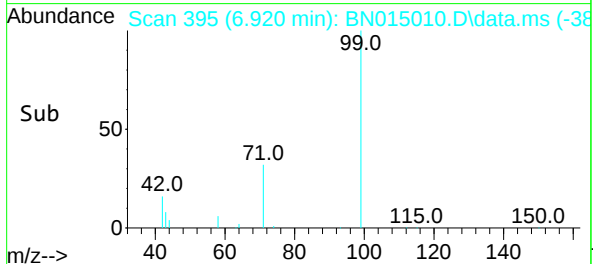
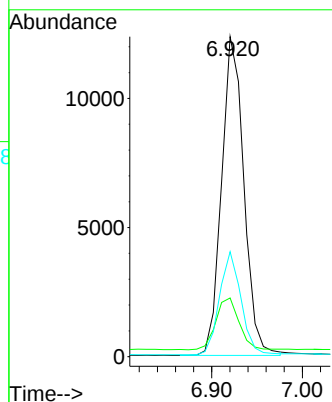
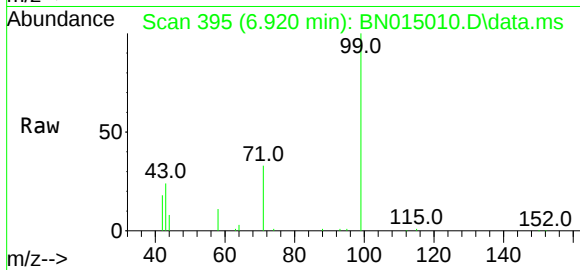




#5  
Phenol-d6  
Concen: 0.261 ng  
RT: 6.920 min Scan# 395  
Delta R.T. 0.009 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

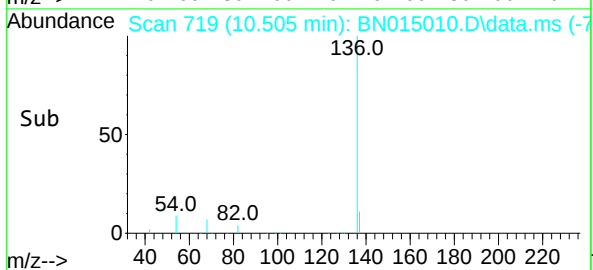
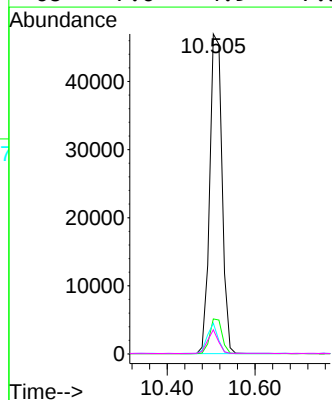
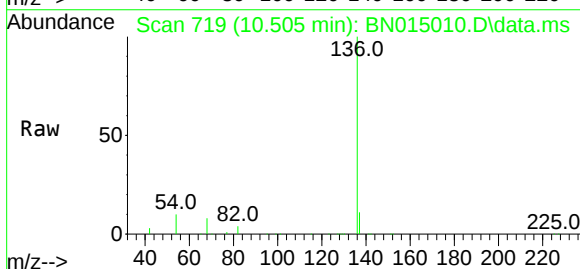
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BNA\_N  
ClientSampleId :  
PB137284BL

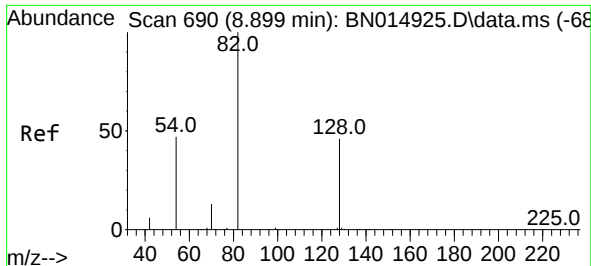
Tgt Ion: 99 Resp: 21073  
Ion Ratio Lower Upper  
99 100  
42 16.7 8.9 13.3#  
71 31.3 35.6 53.4#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.505 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

Tgt Ion: 136 Resp: 90609  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.8 14.8  
54 9.6 5.4 8.2#  
68 7.6 4.9 7.3#

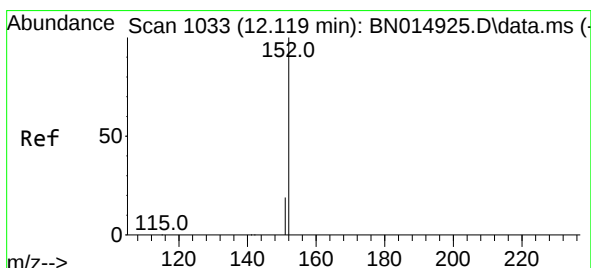
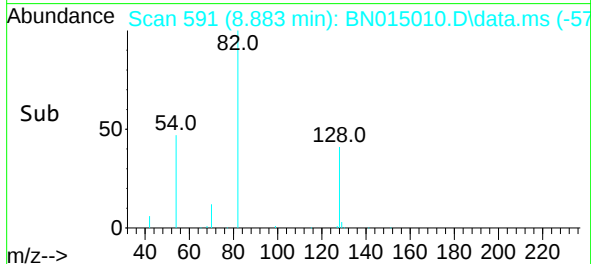
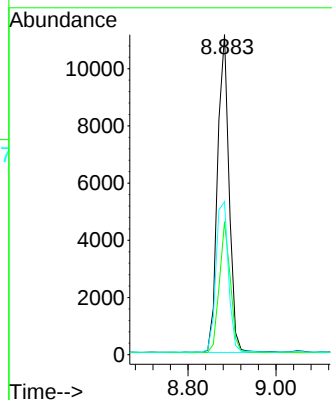
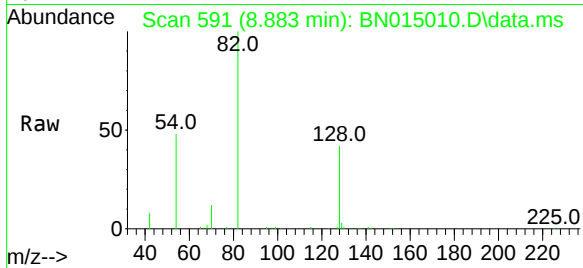




#8  
Nitrobenzene-d5  
Concen: 0.294 ng  
RT: 8.883 min Scan# 591  
Delta R.T. -0.000 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

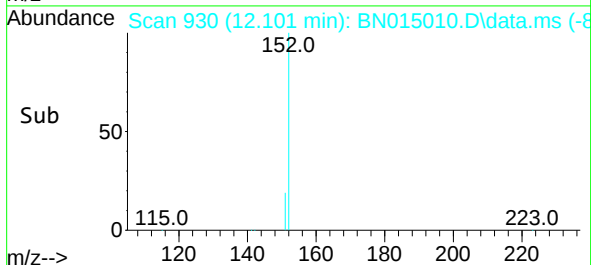
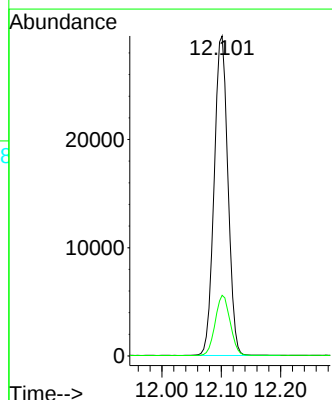
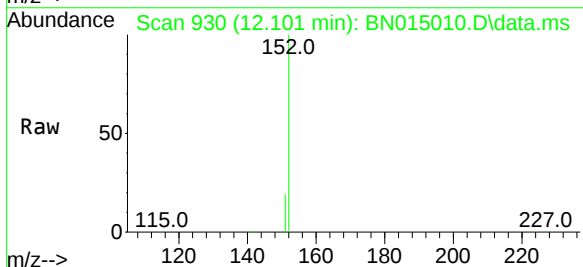
Instrument :  
BNA\_N  
ClientSampleId :  
PB137284BL

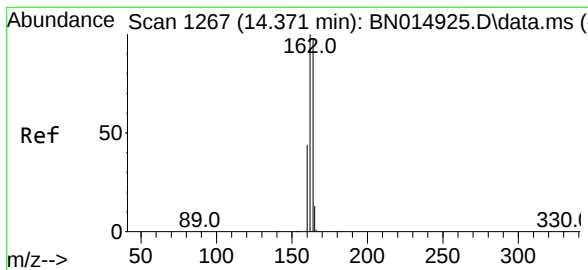
Tgt Ion: 82 Resp: 20159  
Ion Ratio Lower Upper  
82 100  
128 41.6 31.6 47.4  
54 47.8 29.0 43.4#



#11  
2-Methylnaphthalene-d10  
Concen: 0.305 ng  
RT: 12.101 min Scan# 930  
Delta R.T. 0.004 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

Tgt Ion: 152 Resp: 47468  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.7 25.1

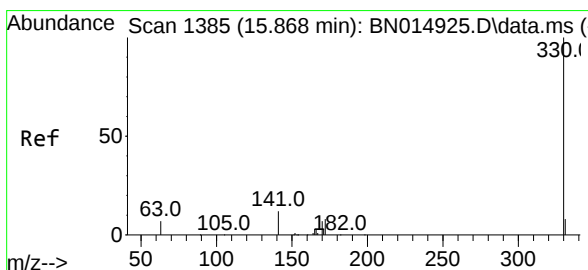
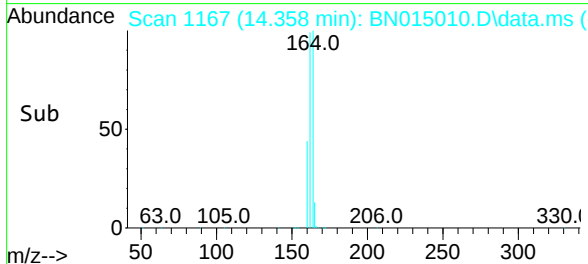
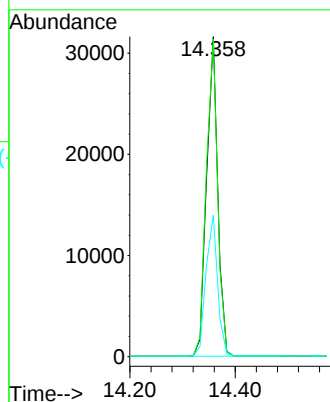
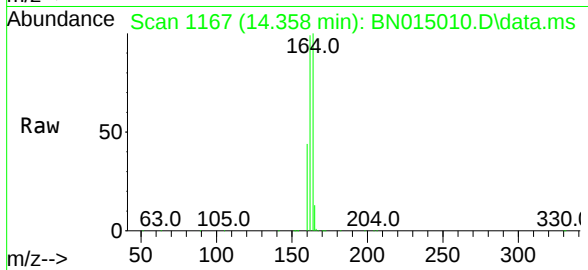




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.358 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

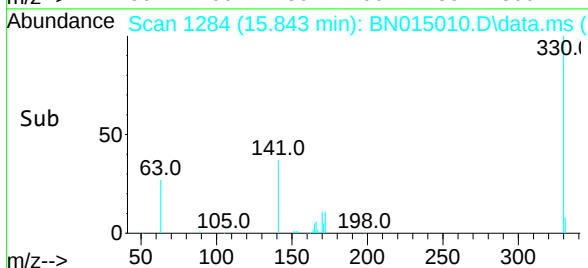
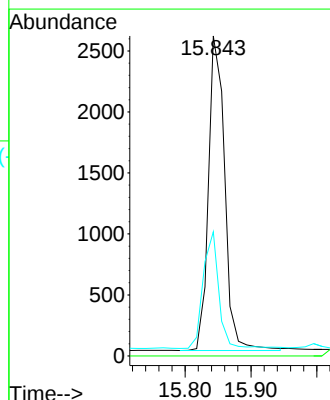
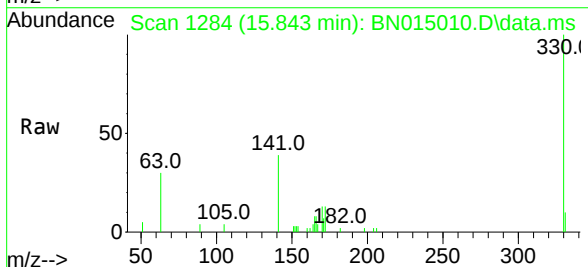
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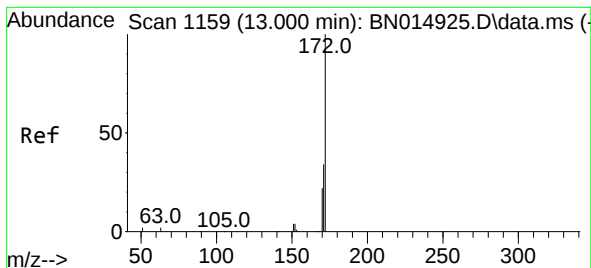
Tgt Ion:164 Resp: 46136  
Ion Ratio Lower Upper  
164 100  
162 99.3 83.8 125.6  
160 44.3 37.4 56.0



#14  
2,4,6-Tribromophenol  
Concen: 0.205 ng  
RT: 15.843 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

Tgt Ion:330 Resp: 4437  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 35.8 22.4 33.6#

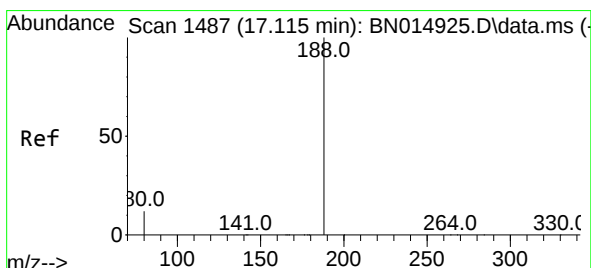
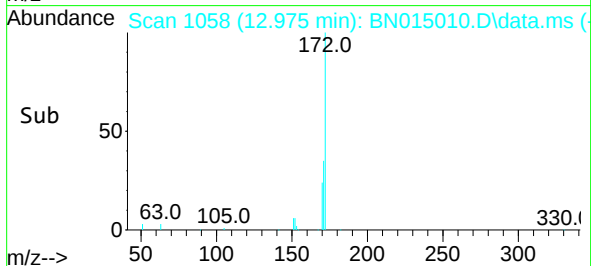
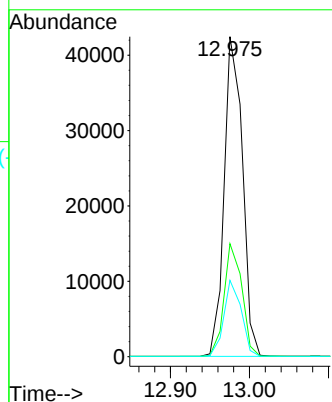
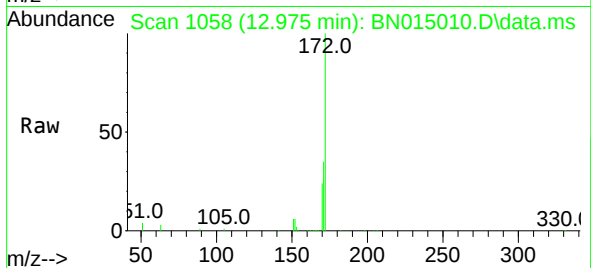




#15  
2-Fluorobiphenyl  
Concen: 0.389 ng  
RT: 12.975 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

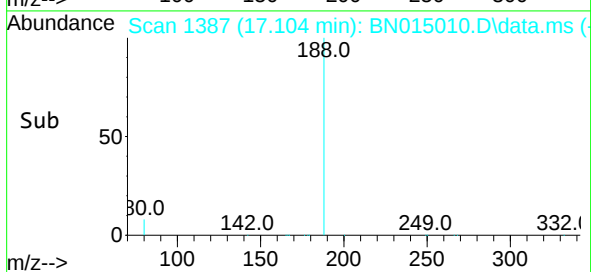
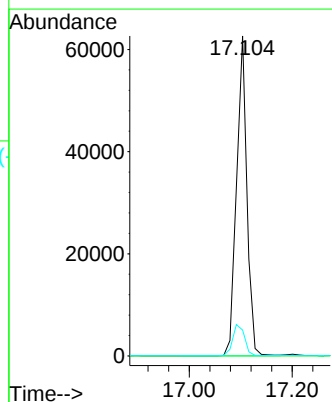
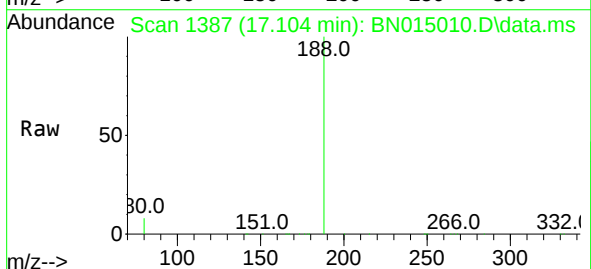
Instrument :  
BNA\_N  
ClientSampleId :  
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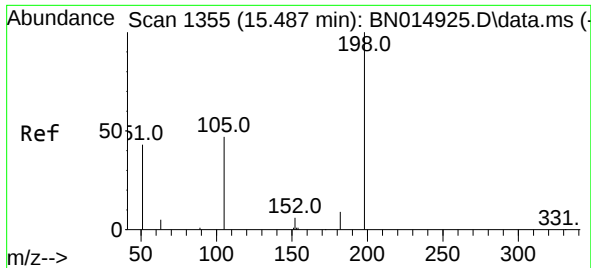
Tgt Ion:172 Resp: 68166  
Ion Ratio Lower Upper  
172 100  
171 35.3 30.6 45.8  
170 23.9 20.2 30.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.104 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

Tgt Ion:188 Resp: 87350  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.1 9.0 13.4#

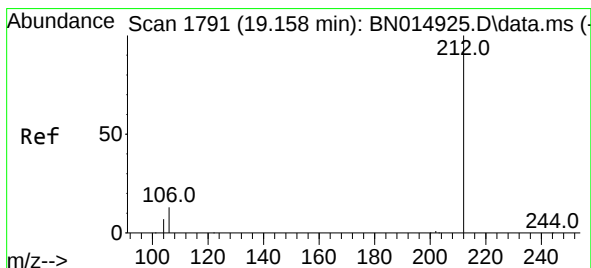
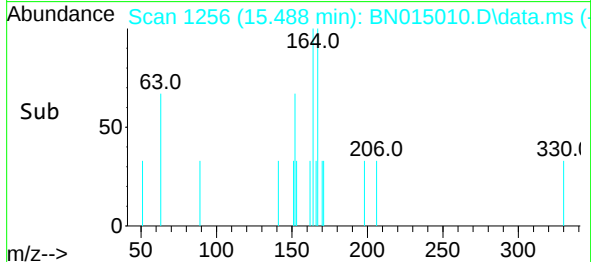
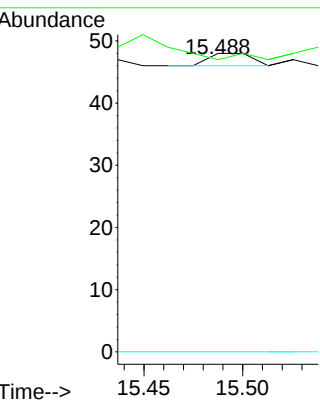
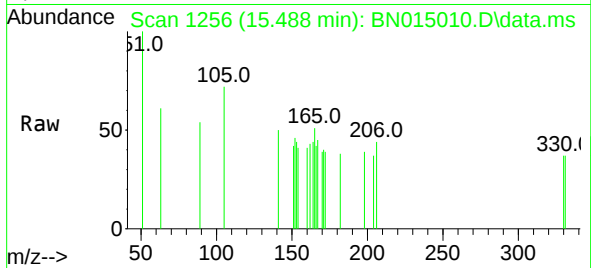




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.105 ng  
RT: 15.488 min Scan# 1256  
Delta R.T. 0.012 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

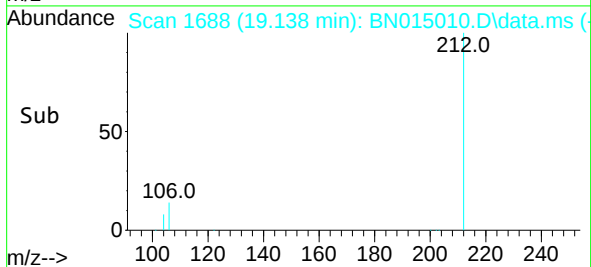
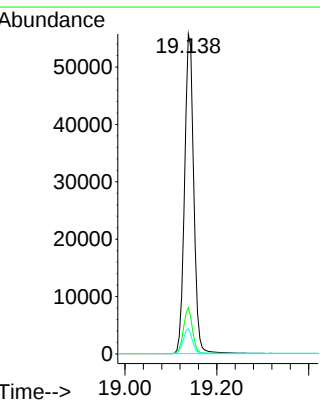
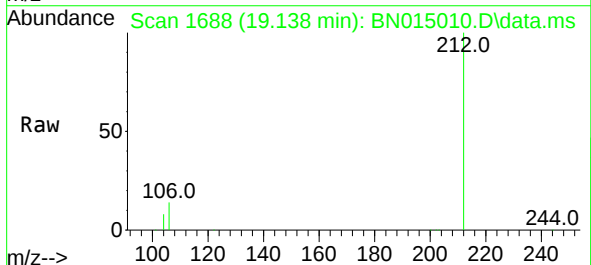
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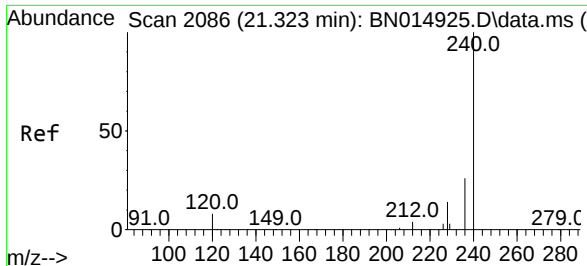
Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
182 97.9 34.5 51.7#  
77 0.0 0.0 0.0



#27  
Fluoranthene-d10  
Concen: 0.280 ng  
RT: 19.138 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

Tgt Ion:212 Resp: 77172  
Ion Ratio Lower Upper  
212 100  
106 14.1 7.0 10.6#  
104 7.6 4.1 6.1#

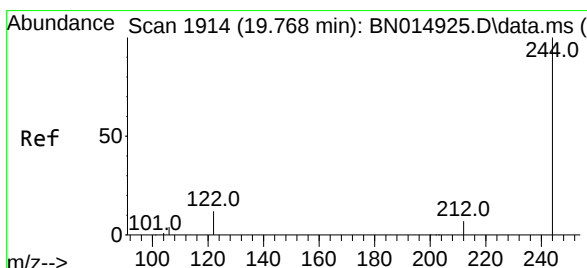
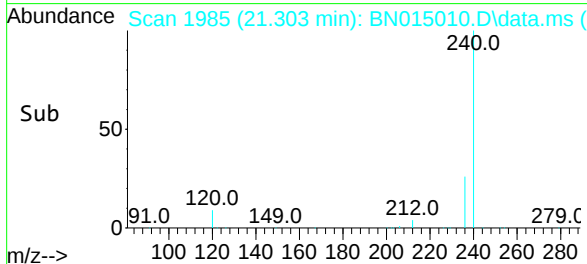
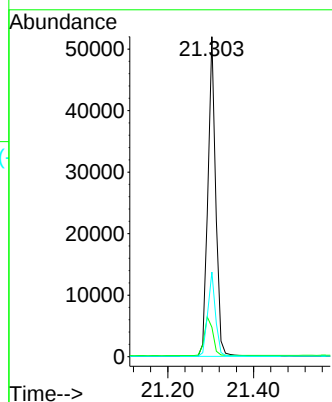
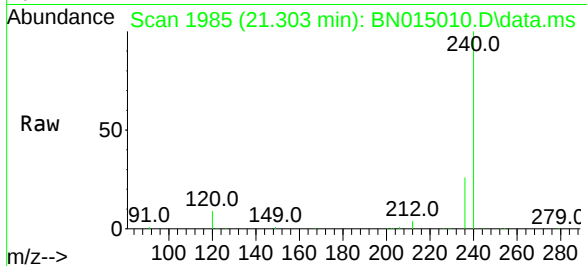




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.303 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

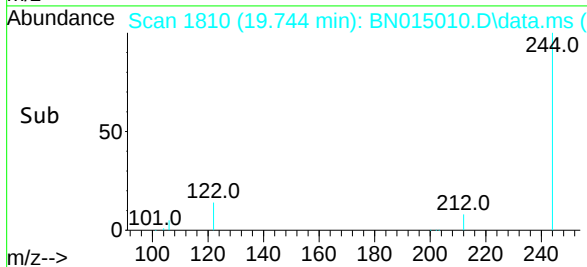
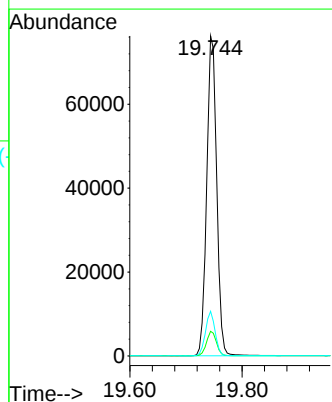
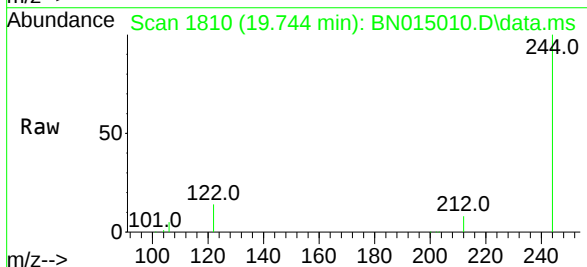
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BNA\_N  
ClientSampleId :  
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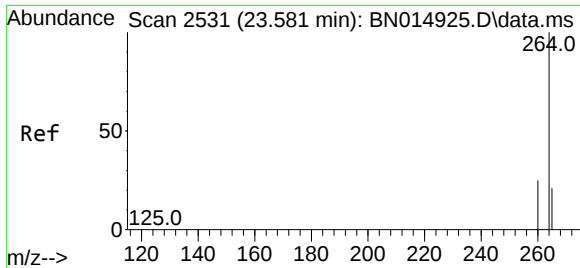
Tgt Ion:240 Resp: 65939  
Ion Ratio Lower Upper  
240 100  
120 9.2 4.2 6.4#  
236 26.5 21.4 32.2



#31  
Terphenyl-d14  
Concen: 0.574 ng  
RT: 19.744 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: BN015010.D  
Acq: 23 Jun 2021 15:53

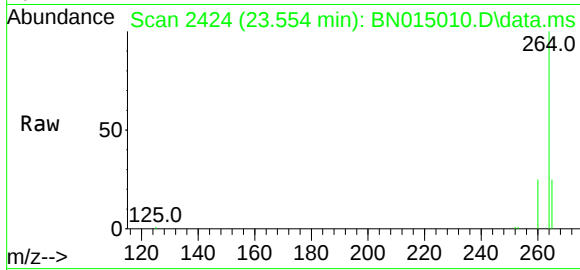
Tgt Ion:244 Resp: 93821  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.3 9.5  
122 14.0 6.2 9.2#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.554 min Scan# 2424  
 Delta R.T. -0.000 min  
 Lab File: BN015010.D  
 Acq: 23 Jun 2021 15:53

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB137284BL



Tgt Ion:264 Resp: 57506

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.7  | 20.6  | 31.0  |
| 265 | 24.8  | 21.4  | 32.2  |

