

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070222\  
 Data File : BN020651.D  
 Acq On : 03 Jul 2022 06:19  
 Operator : CG/JU  
 Sample : N3570-02  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-201-20220630

Quant Time: Jul 04 02:41:10 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 02 03:10:12 2022  
 Response via : Initial Calibration

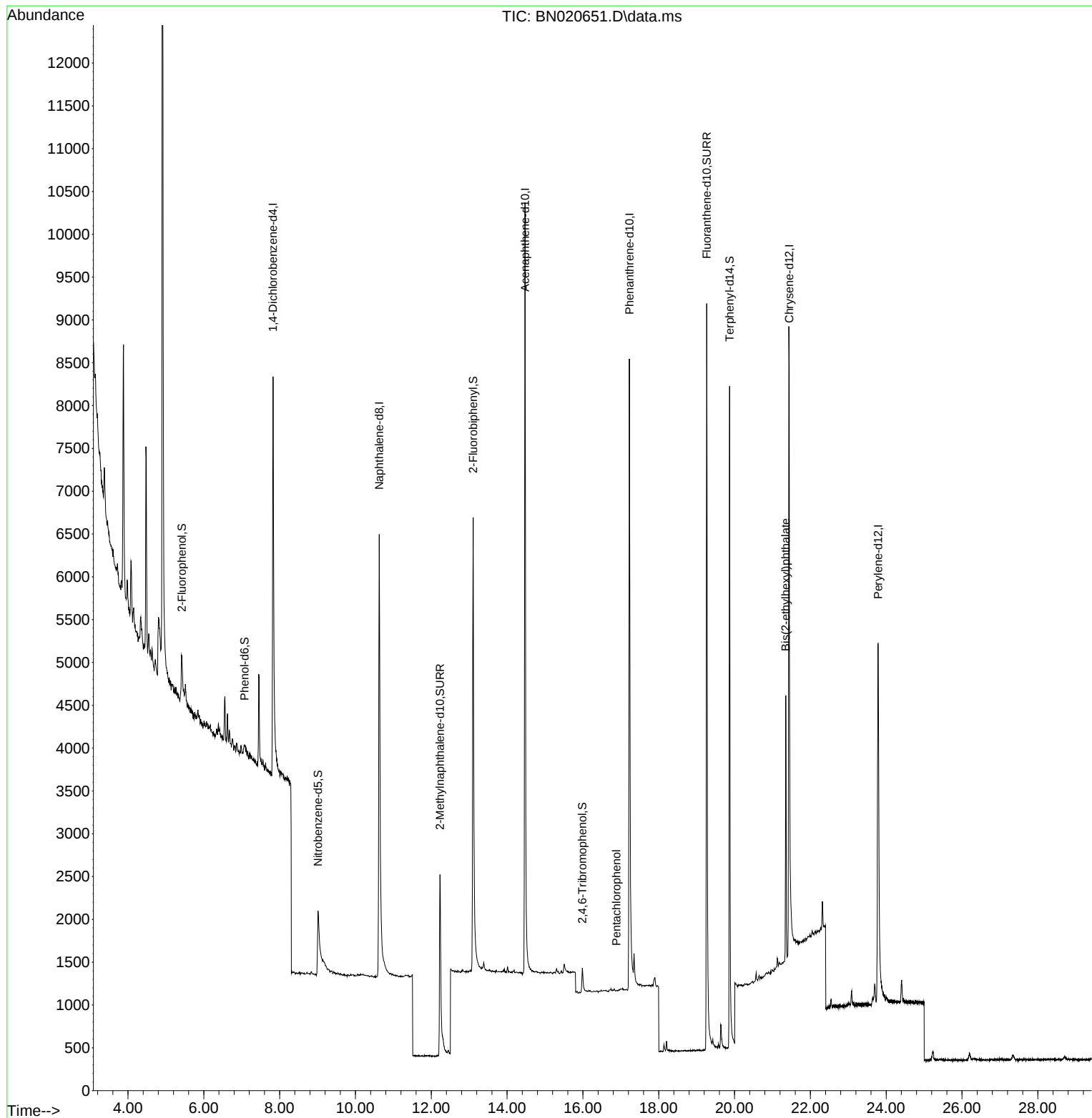
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.826  | 152  | 3449     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 10179    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 6036     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.226 | 188  | 13214    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.440 | 240  | 9985     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.785 | 264  | 7951     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.421  | 112  | 768      | 0.080 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.074  | 99   | 336      | 0.029 | ng    | 0.04     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 1477     | 0.179 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 12.231 | 152  | 4688     | 0.269 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.985 | 330  | 223      | 0.098 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 6211     | 0.249 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.265 | 212  | 12287    | 0.313 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.868 | 244  | 10116    | 0.424 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 24) Pentachlorophenol         | 16.887 | 266  | 3        | 0.185 | ng    | # 38     |
| 34) Bis(2-ethylhexyl)phtha... | 21.351 | 149  | 2908     | 0.145 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070222\  
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Operator : CG/JU  
Sample : N3570-02  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SP-201-20220630

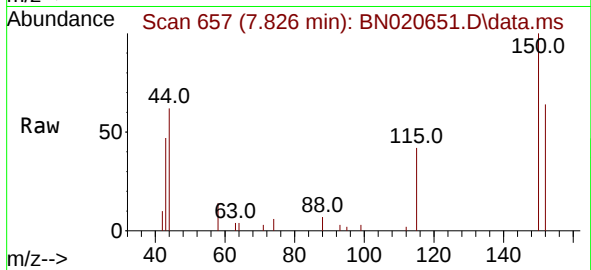
Quant Time: Jul 04 02:41:10 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 02 03:10:12 2022  
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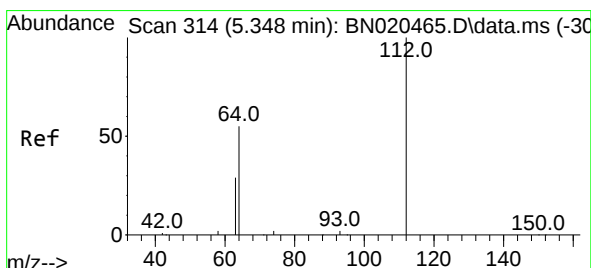
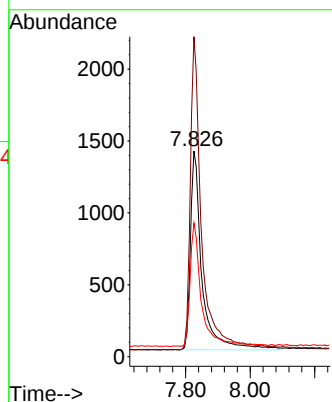
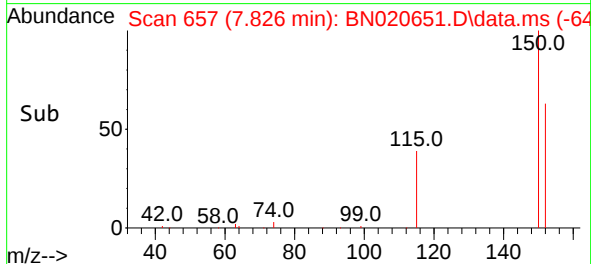


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.826 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BN020651.D  
Acq: 03 Jul 2022 06:19

Instrument :  
BNA\_N  
ClientSampleId :  
SP-201-20220630

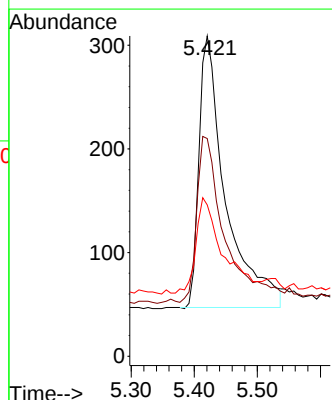
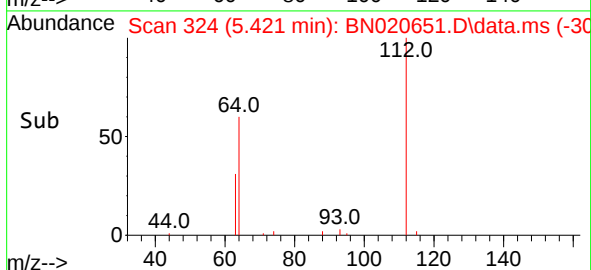
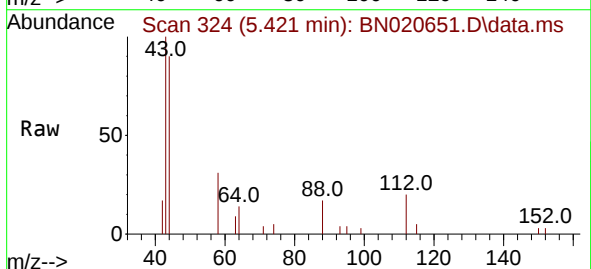


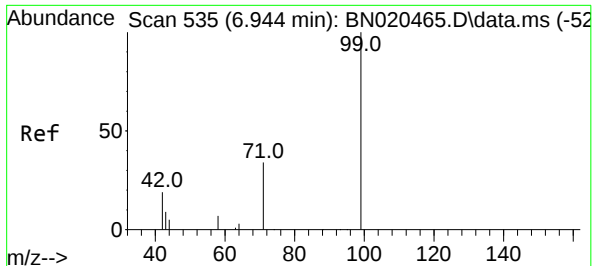
Tgt Ion:152 Resp: 3449  
Ion Ratio Lower Upper  
152 100  
150 155.7 127.9 191.9  
115 65.0 51.4 77.2



#4  
2-Fluorophenol  
Concen: 0.080 ng  
RT: 5.421 min Scan# 324  
Delta R.T. 0.007 min  
Lab File: BN020651.D  
Acq: 03 Jul 2022 06:19

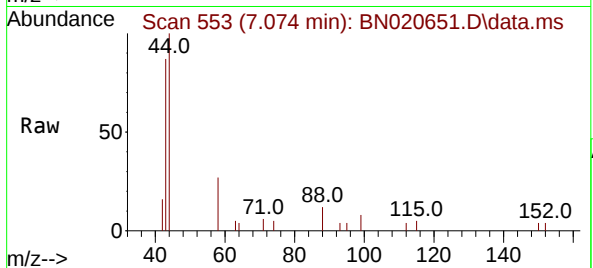
Tgt Ion:112 Resp: 768  
Ion Ratio Lower Upper  
112 100  
64 63.9 49.1 73.7  
63 35.2 26.3 39.5



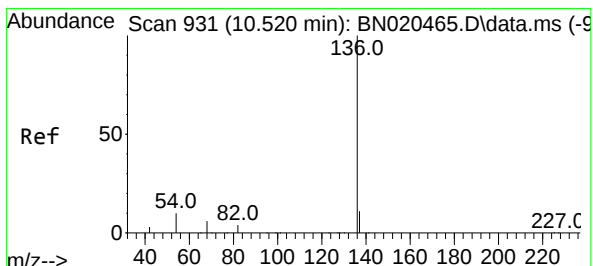
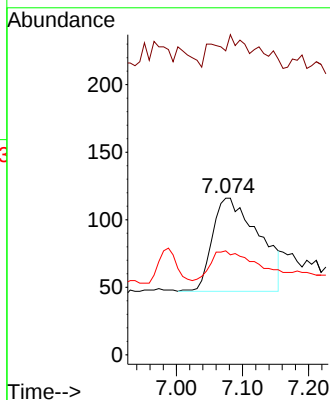
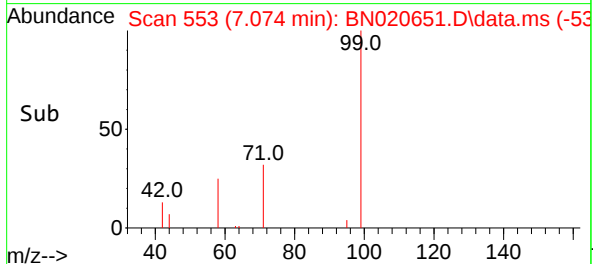


#5  
Phenol-d6  
Concen: 0.029 ng  
RT: 7.074 min Scan# 511  
Delta R.T. 0.044 min  
Lab File: BN020651.D  
Acq: 03 Jul 2022 06:19

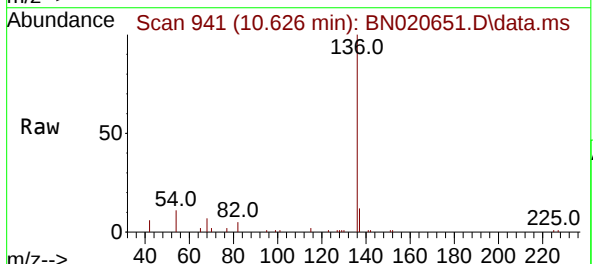
Instrument :  
BNA\_N  
ClientSampleId :  
SP-201-20220630



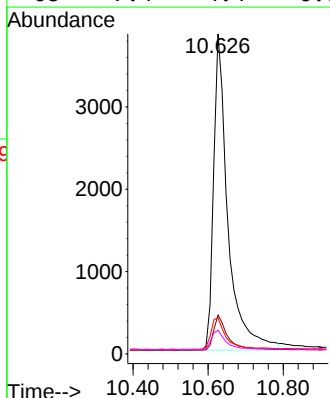
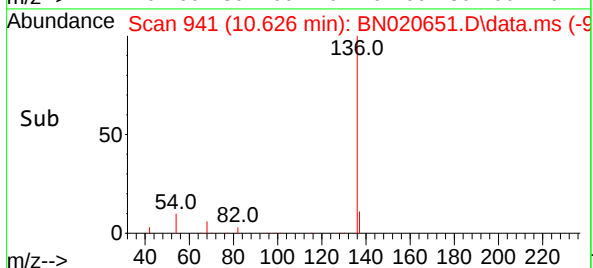
Tgt Ion: 99 Resp: 336  
Ion Ratio Lower Upper  
99 100  
42 5.1 19.3 28.9#  
71 29.5 27.5 41.3

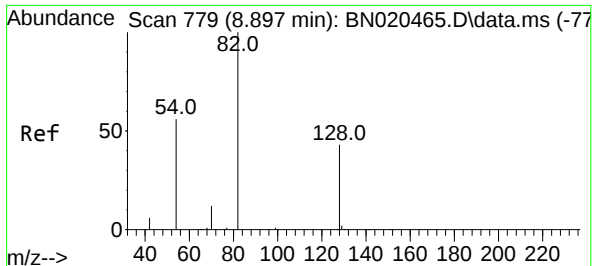


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN020651.D  
Acq: 03 Jul 2022 06:19



Tgt Ion: 136 Resp: 10179  
Ion Ratio Lower Upper  
136 100  
137 12.1 9.0 13.6  
54 11.3 6.2 9.2#  
68 7.4 4.4 6.6#

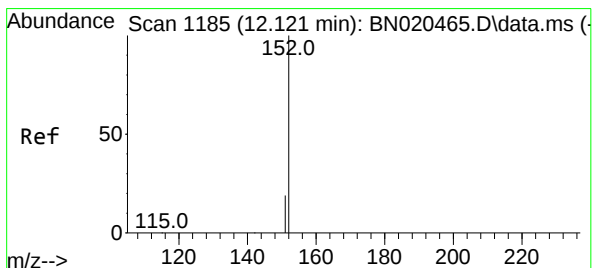
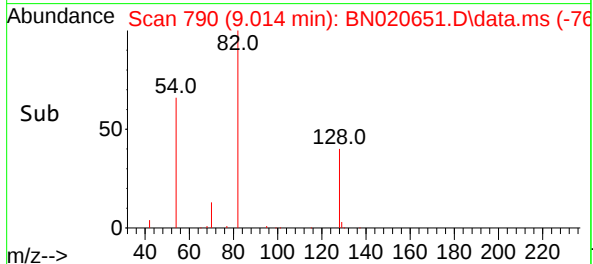
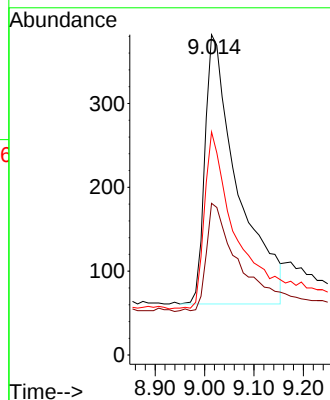
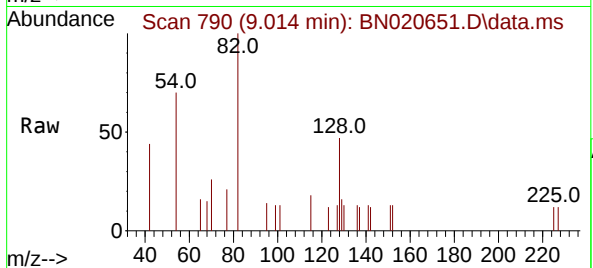




#8  
Nitrobenzene-d5  
Concen: 0.179 ng  
RT: 9.014 min Scan# 791  
Delta R.T. 0.022 min  
Lab File: BN020651.D  
Acq: 03 Jul 2022 06:19

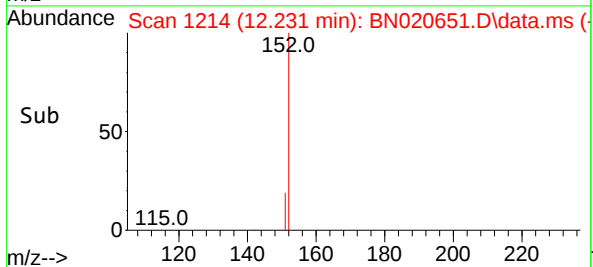
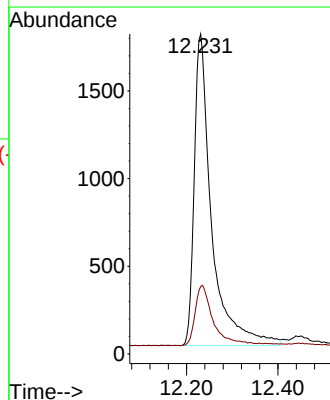
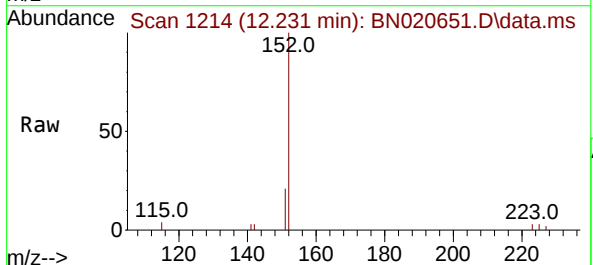
Instrument :  
BNA\_N  
ClientSampleId :  
SP-201-20220630

Tgt Ion: 82 Resp: 1477  
Ion Ratio Lower Upper  
82 100  
128 47.4 35.0 52.6  
54 69.6 46.2 69.4#



#11  
2-Methylnaphthalene-d10  
Concen: 0.269 ng  
RT: 12.231 min Scan# 1214  
Delta R.T. 0.004 min  
Lab File: BN020651.D  
Acq: 03 Jul 2022 06:19

Tgt Ion: 152 Resp: 4688  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.4

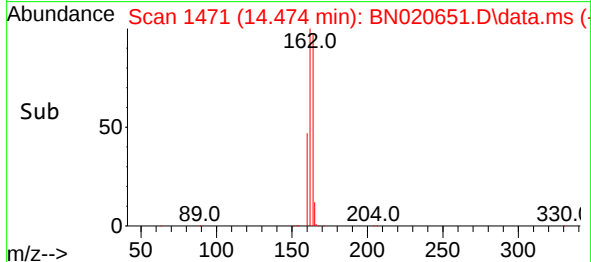
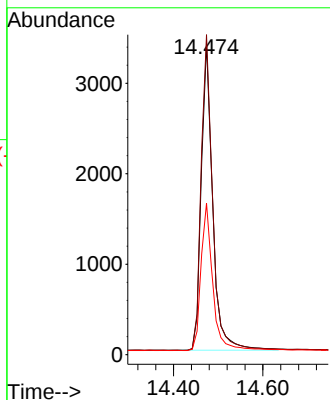
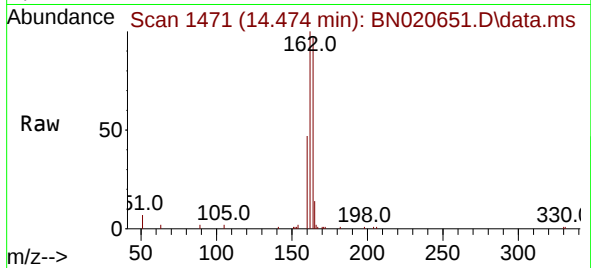




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.474 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BN020651.D  
 Acq: 03 Jul 2022 06:19

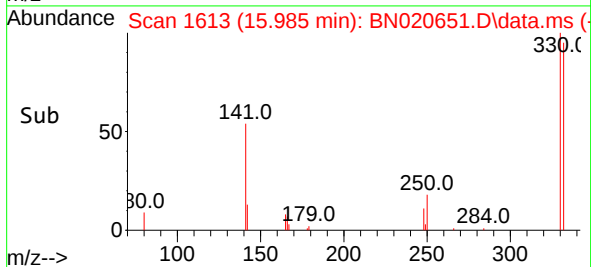
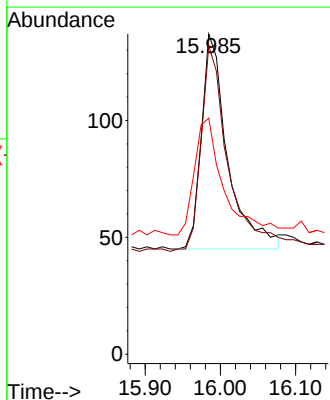
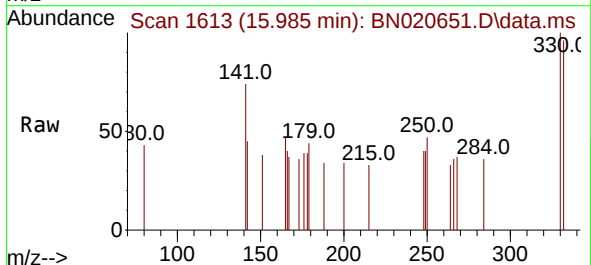
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-201-20220630

Tgt Ion:164 Resp: 6036  
 Ion Ratio Lower Upper  
 164 100  
 162 103.1 82.1 123.1  
 160 48.8 38.6 58.0



#14  
 2,4,6-Tribromophenol  
 Concen: 0.098 ng  
 RT: 15.985 min Scan# 1613  
 Delta R.T. 0.010 min  
 Lab File: BN020651.D  
 Acq: 03 Jul 2022 06:19

Tgt Ion:330 Resp: 223  
 Ion Ratio Lower Upper  
 330 100  
 332 100.4 77.6 116.4  
 141 61.0 41.0 61.4

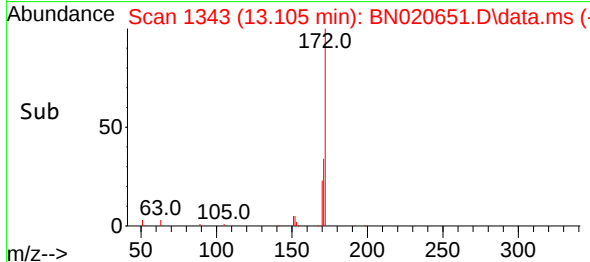
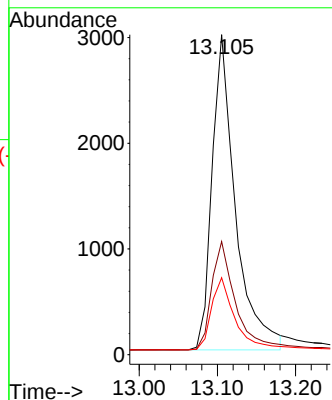
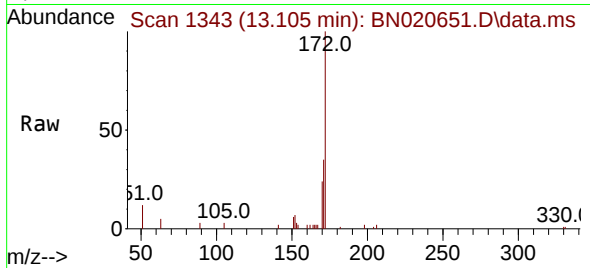




#15  
2-Fluorobiphenyl  
Concen: 0.249 ng  
RT: 13.105 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN020651.D  
Acq: 03 Jul 2022 06:19

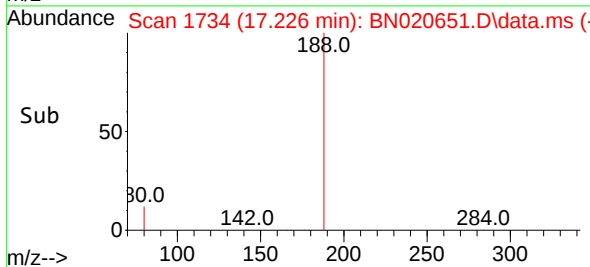
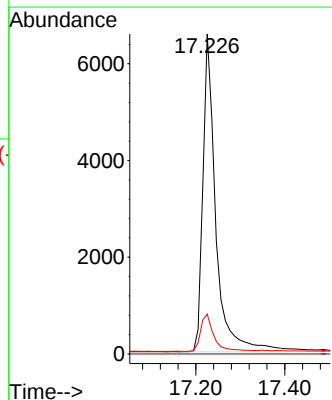
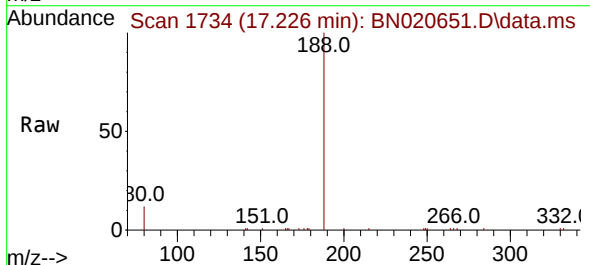
Instrument :  
BNA\_N  
ClientSampleId :  
SP-201-20220630

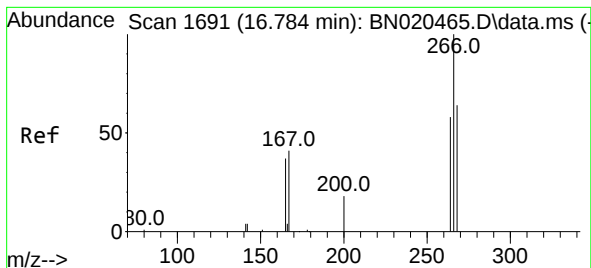
Tgt Ion:172 Resp: 6211  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.2 40.8  
170 24.1 18.2 27.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.226 min Scan# 1734  
Delta R.T. 0.000 min  
Lab File: BN020651.D  
Acq: 03 Jul 2022 06:19

Tgt Ion:188 Resp: 13214  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.4 7.4 11.2#





#24

Pentachlorophenol

Concen: 0.185 ng

RT: 16.887 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN020651.D

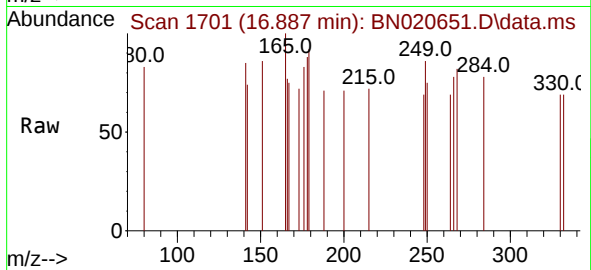
Acq: 03 Jul 2022 06:19

Instrument :

BNA\_N

ClientSampleId :

SP-201-20220630



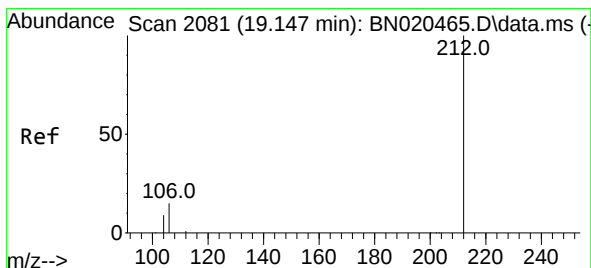
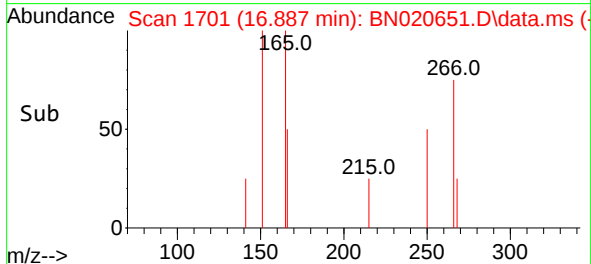
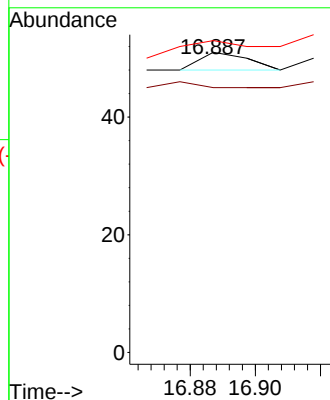
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 33.3 51.3 76.9#

268 133.3 52.6 79.0#



#27

Fluoranthene-d10

Concen: 0.313 ng

RT: 19.265 min Scan# 2109

Delta R.T. -0.004 min

Lab File: BN020651.D

Acq: 03 Jul 2022 06:19

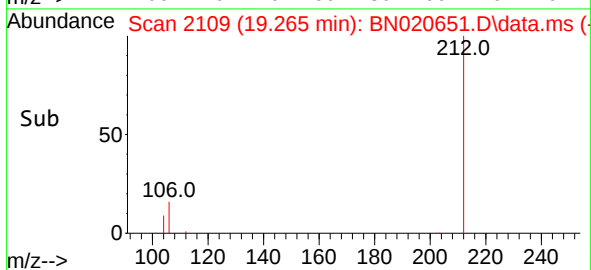
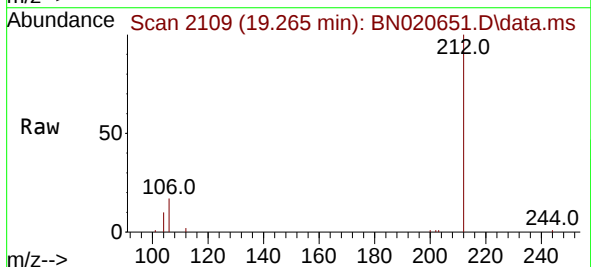
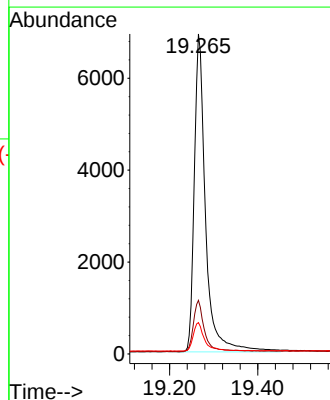
Tgt Ion:212 Resp: 12287

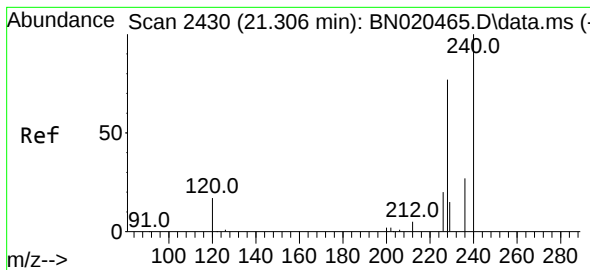
Ion Ratio Lower Upper

212 100

106 15.7 12.6 19.0

104 8.9 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.440 min Scan# 2445

Delta R.T. 0.009 min

Lab File: BN020651.D

Acq: 03 Jul 2022 06:19

Instrument :

BNA\_N

ClientSampleId :

SP-201-20220630

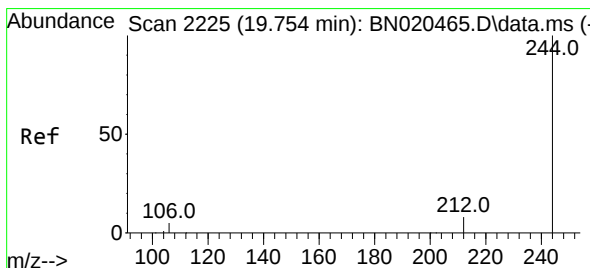
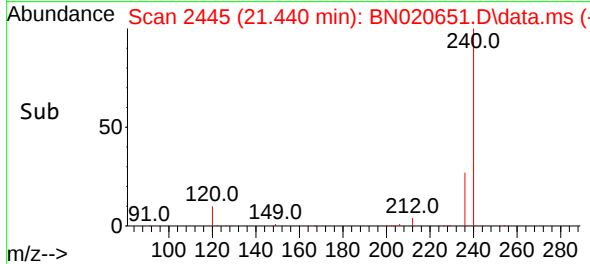
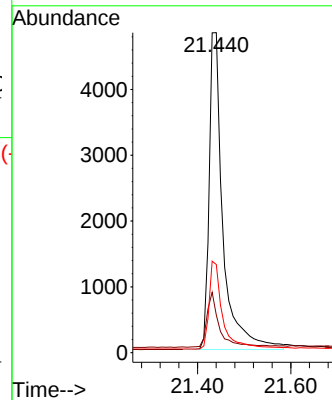
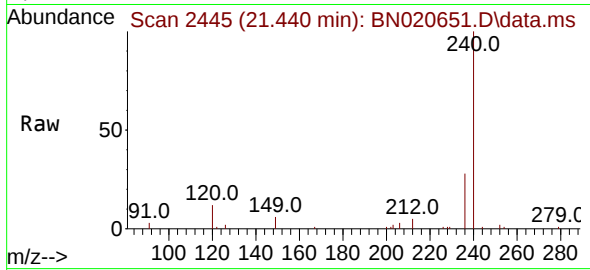
Tgt Ion:240 Resp: 9985

Ion Ratio Lower Upper

240 100

120 11.8 14.6 21.8#

236 27.6 22.6 33.8



#31

Terphenyl-d14

Concen: 0.424 ng

RT: 19.868 min Scan# 2252

Delta R.T. -0.004 min

Lab File: BN020651.D

Acq: 03 Jul 2022 06:19

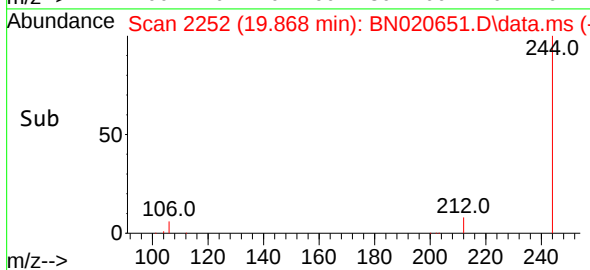
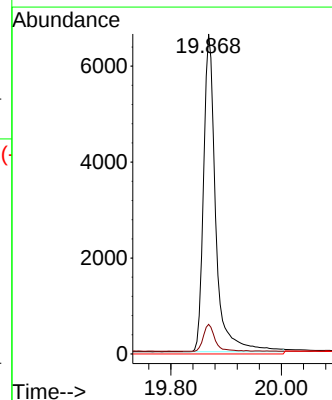
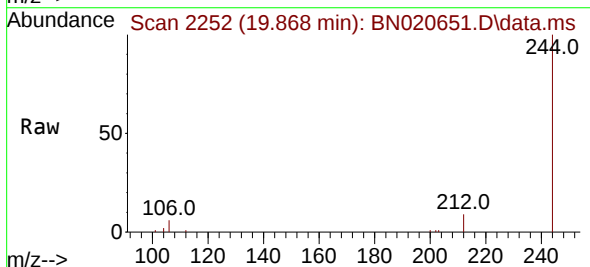
Tgt Ion:244 Resp: 10116

Ion Ratio Lower Upper

244 100

212 9.2 7.1 10.7

122 0.0 0.0 0.0

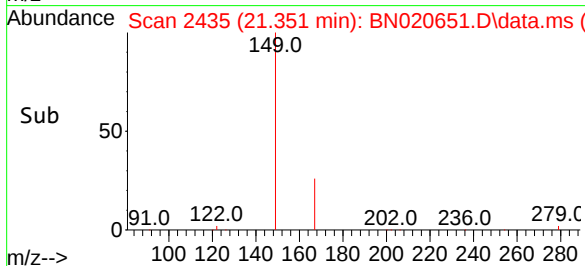
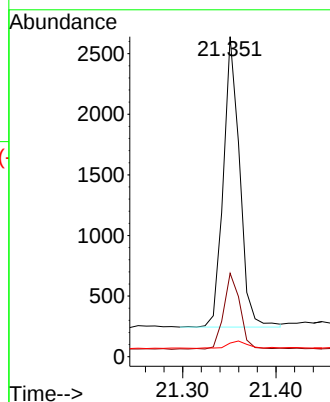
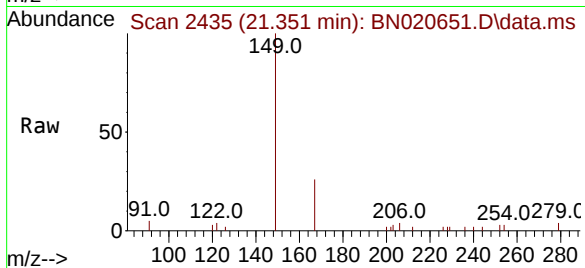




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.145 ng  
 RT: 21.351 min Scan# 2422  
 Delta R.T. 0.000 min  
 Lab File: BN020651.D  
 Acq: 03 Jul 2022 06:19

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-201-20220630

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 2908  |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 26.5  | 21.7  | 32.5  |
| 279      | 3.2   | 2.2   | 3.2   |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.785 min Scan# 3024  
 Delta R.T. -0.006 min  
 Lab File: BN020651.D  
 Acq: 03 Jul 2022 06:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 7951  |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 26.1  | 20.9  | 31.3  |
| 265      | 35.5  | 28.0  | 42.0  |

