

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091423\  
 Data File : BN027656.D  
 Acq On : 13 Sep 2023 23:10  
 Operator : MA/JU  
 Sample : PB155453BL  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB155453BL

Quant Time: Sep 14 05:30:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 02:45:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.030  | 152  | 7472     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.853 | 136  | 18499    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.662 | 164  | 8082     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.418 | 188  | 16044    | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12            | 21.587 | 240  | 11178    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 24.092 | 264  | 10212    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.567  | 112  | 6539     | 0.336 | ng    | 0.00     |
| 5) Phenol-d6                | 7.185  | 99   | 6785     | 0.286 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.219  | 82   | 5623     | 0.417 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.426 | 152  | 7917     | 0.291 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.164 | 330  | 634      | 0.212 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 13.293 | 172  | 12292    | 0.400 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.435 | 212  | 12604    | 0.316 | ng    | 0.00     |
| 31) Terphenyl-d14           | 20.015 | 244  | 10836    | 0.483 | ng    | 0.00     |

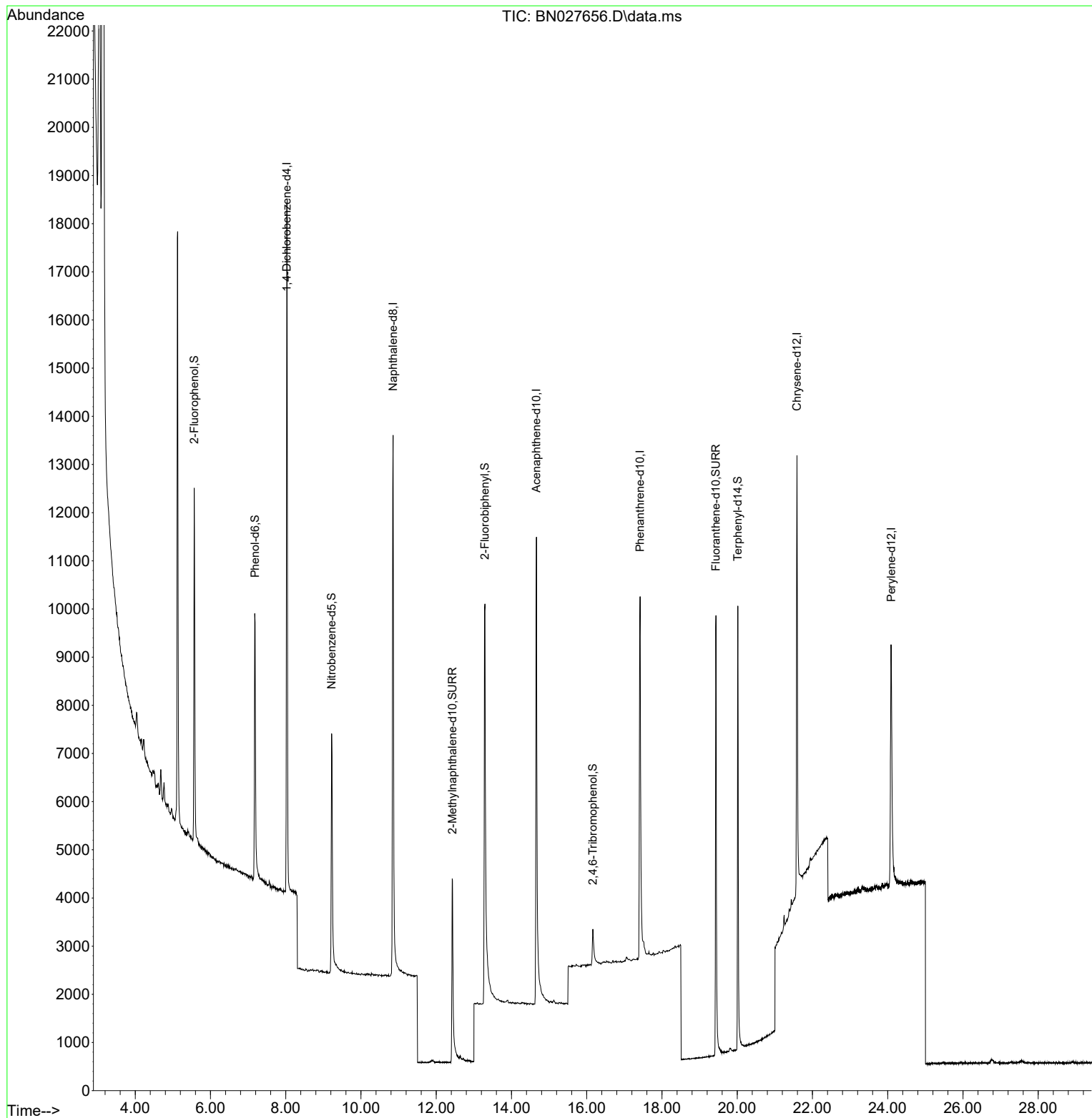
Target Compounds Qvalue

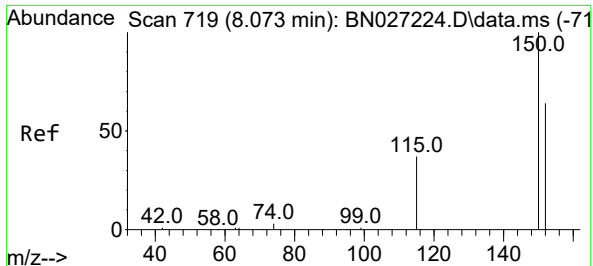
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091423\  
Data File : BN027656.D  
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Sample : PB155453BL  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
PB155453BL

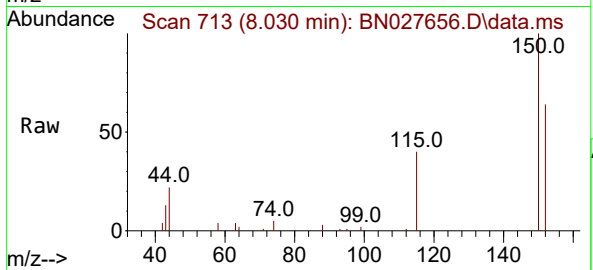
Quant Time: Sep 14 05:30:41 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 12 02:45:58 2023  
Response via : Initial Calibration



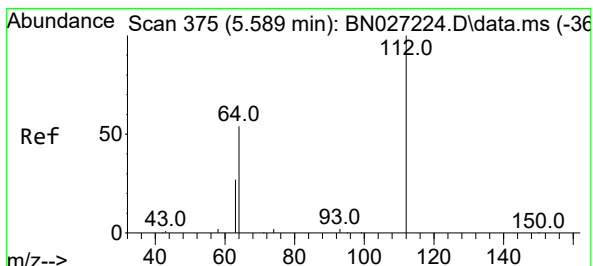
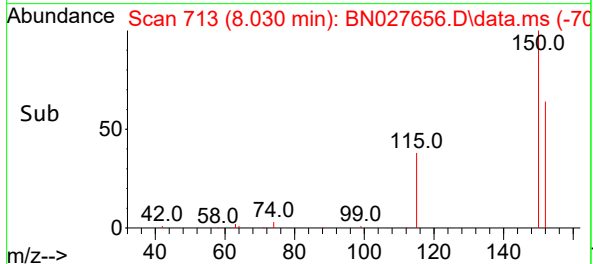
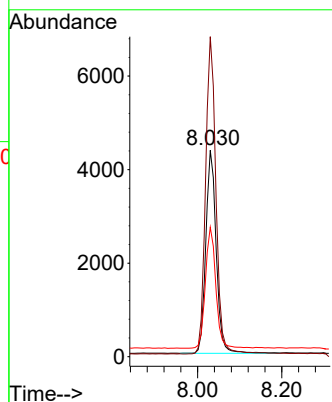


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.030 min Scan# 719  
Delta R.T. -0.007 min  
Lab File: BN027656.D  
Acq: 13 Sep 2023 23:10

Instrument :  
BNA\_N  
ClientSampleId :  
PB155453BL

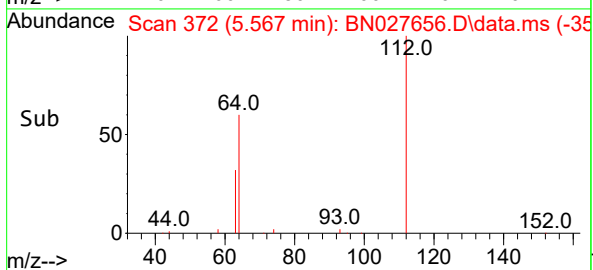
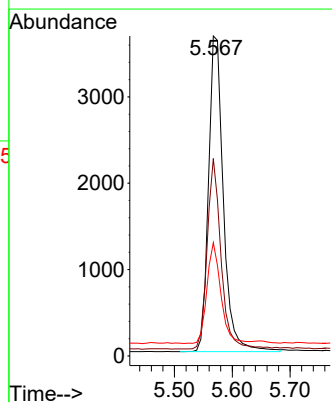
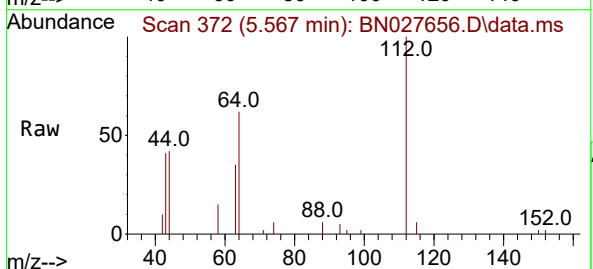


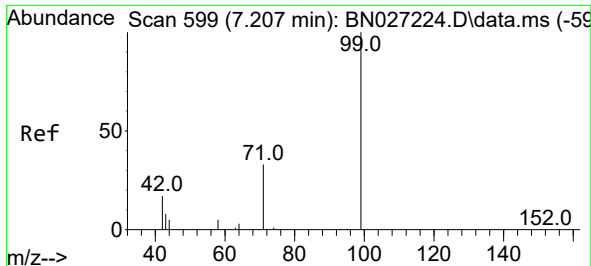
Tgt Ion:152 Resp: 7472  
Ion Ratio Lower Upper  
152 100  
150 155.1 122.7 184.1  
115 62.7 48.6 73.0



#4  
2-Fluorophenol  
Concen: 0.336 ng  
RT: 5.567 min Scan# 372  
Delta R.T. -0.007 min  
Lab File: BN027656.D  
Acq: 13 Sep 2023 23:10

Tgt Ion:112 Resp: 6539  
Ion Ratio Lower Upper  
112 100  
64 56.4 44.4 66.6  
63 29.7 23.1 34.7

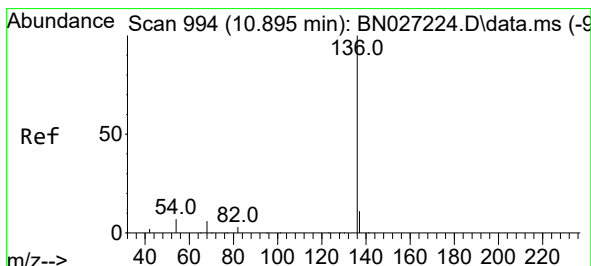
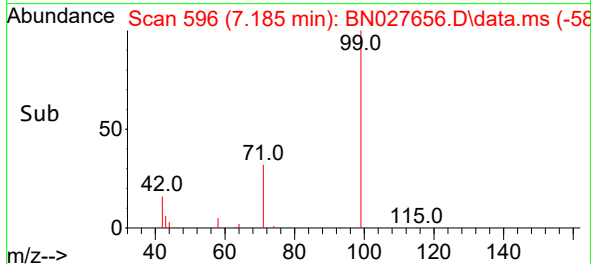
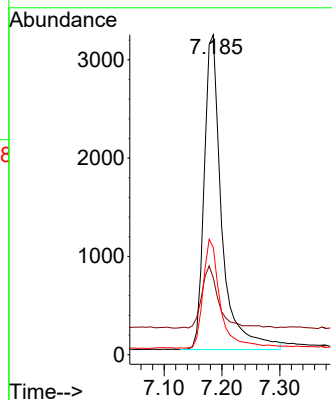
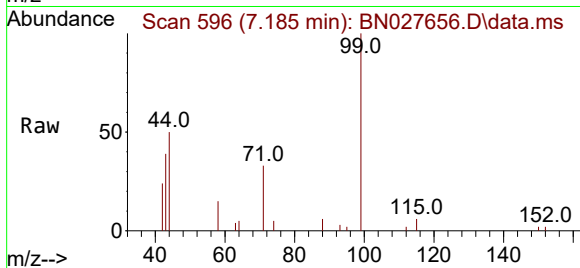




#5  
Phenol-d6  
Concen: 0.286 ng  
RT: 7.185 min Scan# 599  
Delta R.T. 0.000 min  
Lab File: BN027656.D  
Acq: 13 Sep 2023 23:10

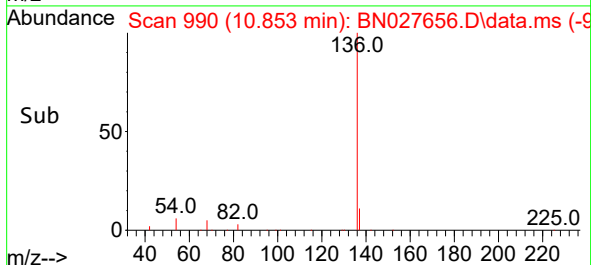
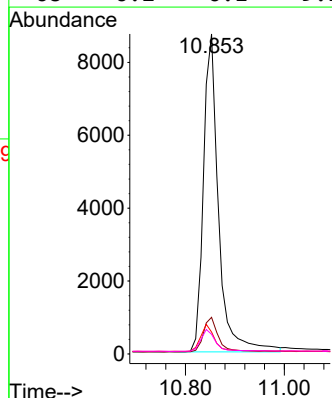
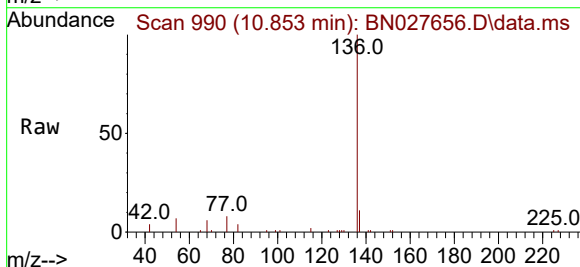
Instrument :  
BNA\_N  
ClientSampleId :  
PB155453BL

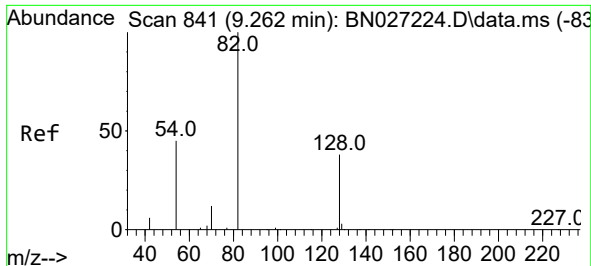
Tgt Ion: 99 Resp: 6785  
Ion Ratio Lower Upper  
99 100  
42 18.5 14.5 21.7  
71 34.3 25.8 38.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.853 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BN027656.D  
Acq: 13 Sep 2023 23:10

Tgt Ion: 136 Resp: 18499  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.3 13.9  
54 6.9 6.7 10.1  
68 6.2 6.1 9.1

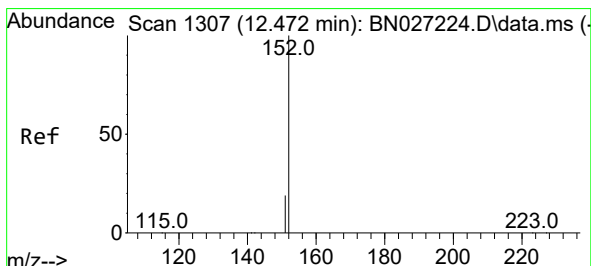
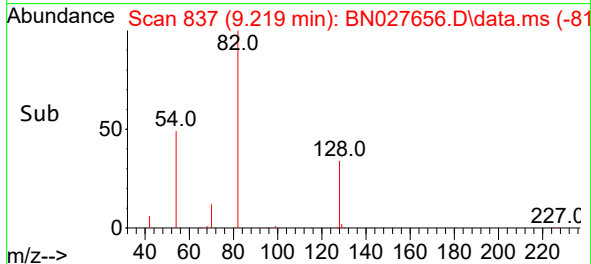
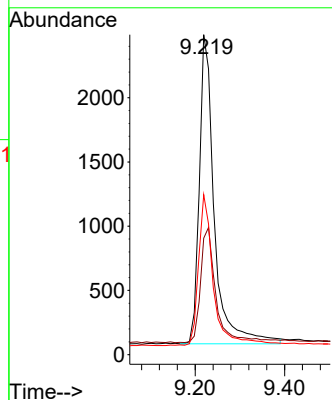
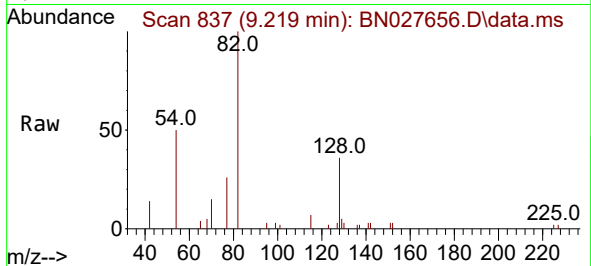




#8  
Nitrobenzene-d5  
Concen: 0.417 ng  
RT: 9.219 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BN027656.D  
Acq: 13 Sep 2023 23:10

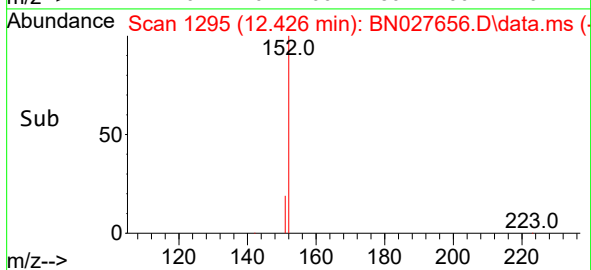
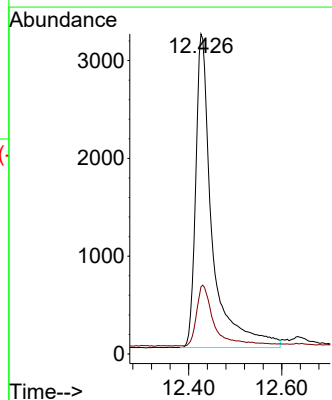
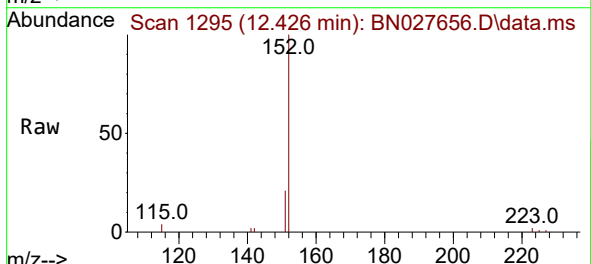
Instrument :  
BNA\_N  
ClientSampleId :  
PB155453BL

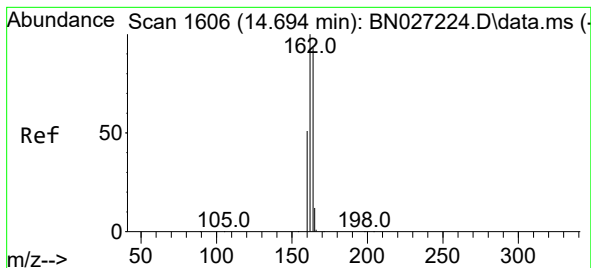
Tgt Ion: 82 Resp: 5623  
Ion Ratio Lower Upper  
82 100  
128 36.4 33.4 50.0  
54 50.0 37.7 56.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.291 ng  
RT: 12.426 min Scan# 1295  
Delta R.T. -0.004 min  
Lab File: BN027656.D  
Acq: 13 Sep 2023 23:10

Tgt Ion: 152 Resp: 7917  
Ion Ratio Lower Upper  
152 100  
151 19.5 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027656.D

Acq: 13 Sep 2023 23:10

Instrument :

BNA\_N

ClientSampleId :

PB155453BL

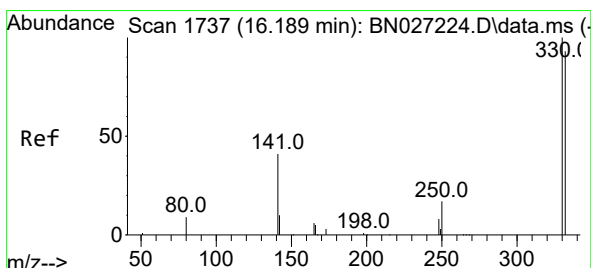
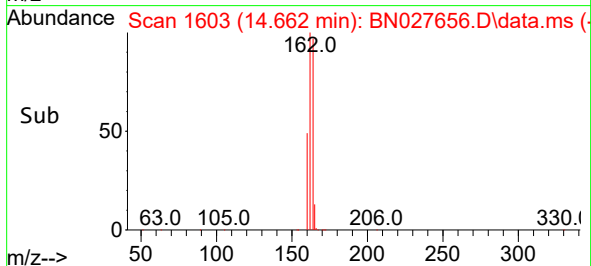
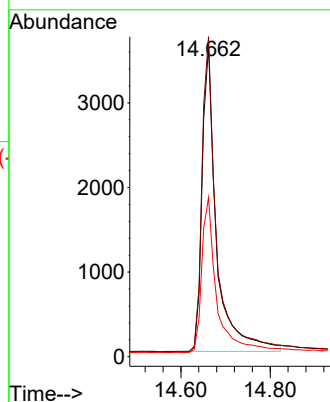
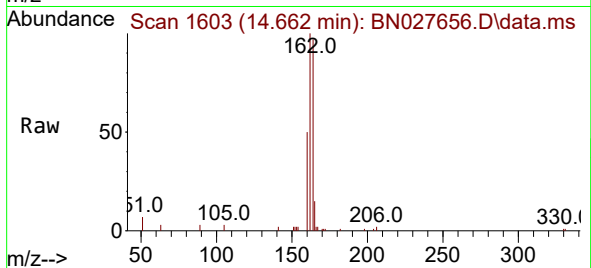
Tgt Ion:164 Resp: 8082

Ion Ratio Lower Upper

164 100

162 103.1 85.8 128.8

160 51.3 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.212 ng

RT: 16.164 min Scan# 1735

Delta R.T. 0.012 min

Lab File: BN027656.D

Acq: 13 Sep 2023 23:10

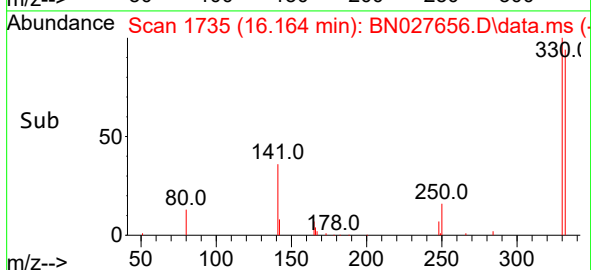
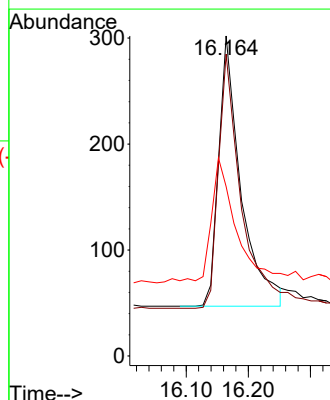
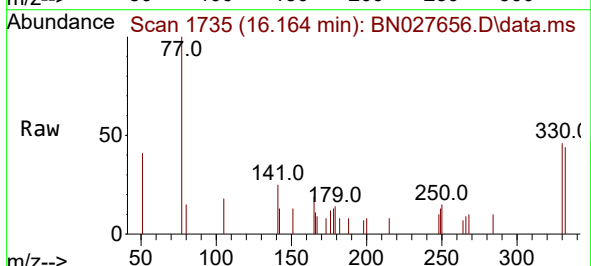
Tgt Ion:330 Resp: 634

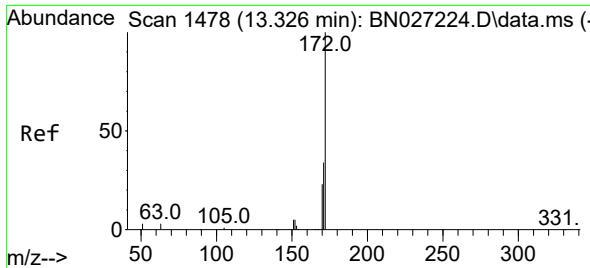
Ion Ratio Lower Upper

330 100

332 95.1 75.2 112.8

141 47.3 36.2 54.4

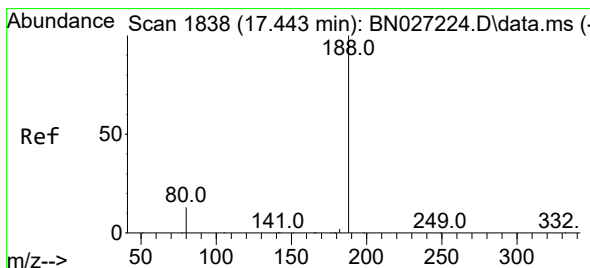
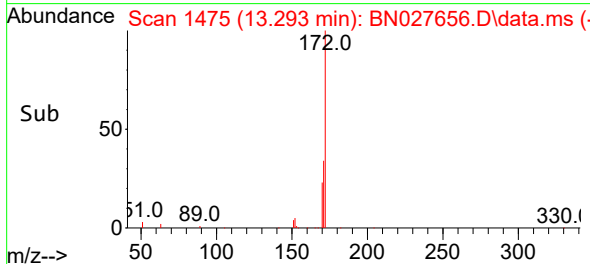
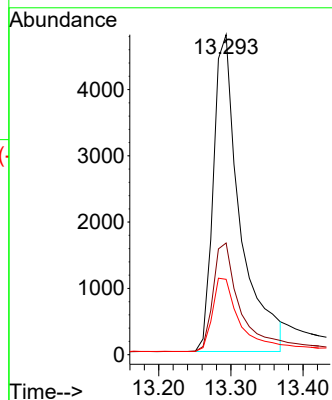
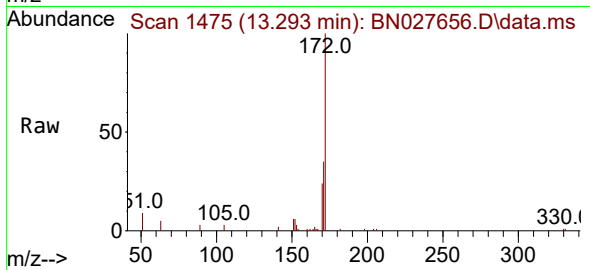




#15  
2-Fluorobiphenyl  
Concen: 0.400 ng  
RT: 13.293 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: BN027656.D  
Acq: 13 Sep 2023 23:10

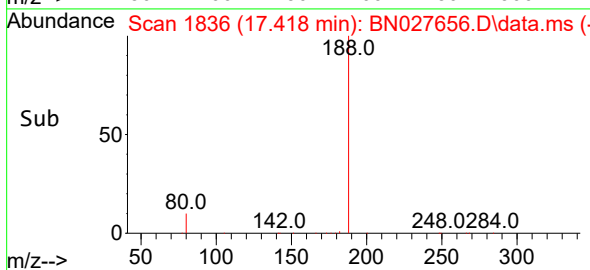
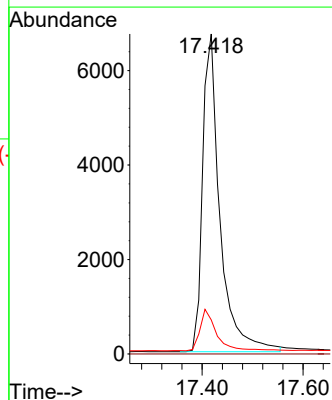
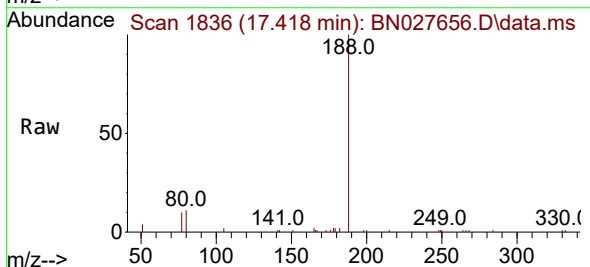
Instrument :  
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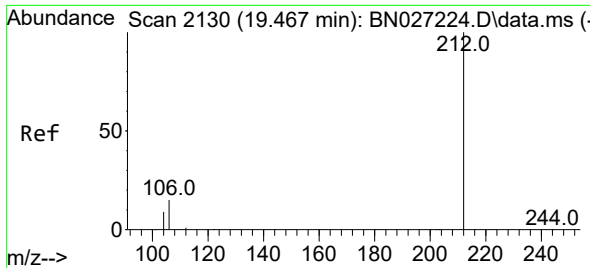
Tgt Ion:172 Resp: 12292  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.8  
170 23.5 19.3 28.9



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.418 min Scan# 1836  
Delta R.T. 0.013 min  
Lab File: BN027656.D  
Acq: 13 Sep 2023 23:10

Tgt Ion:188 Resp: 16044  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.6 11.0 16.6#

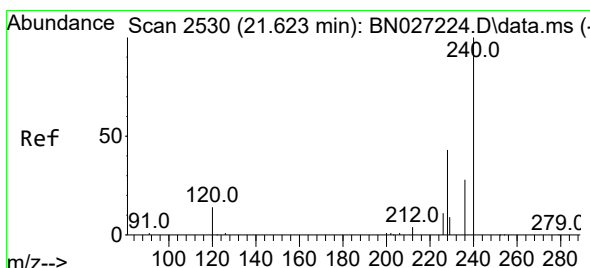
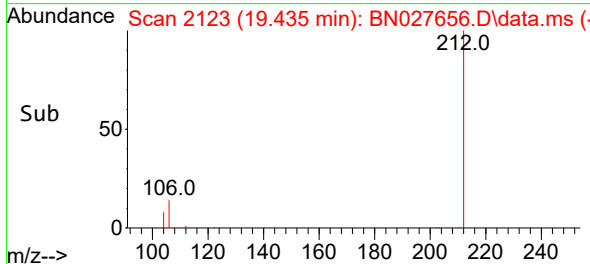
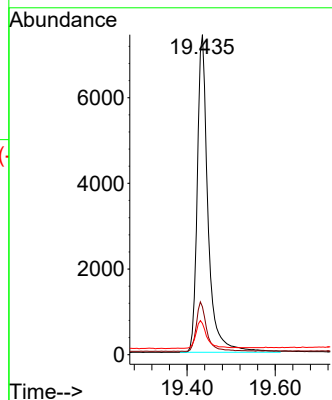
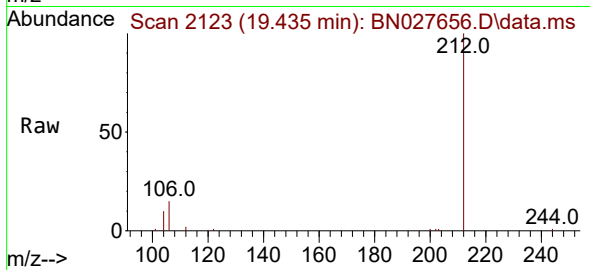




#27  
Fluoranthene-d10  
Concen: 0.316 ng  
RT: 19.435 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BN027656.D  
Acq: 13 Sep 2023 23:10

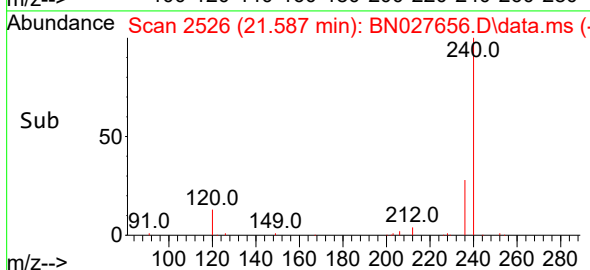
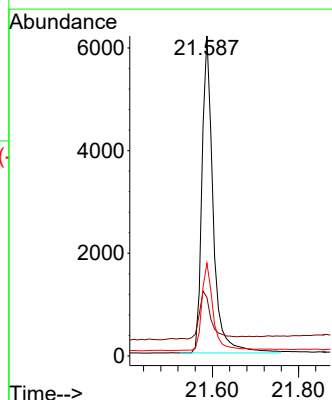
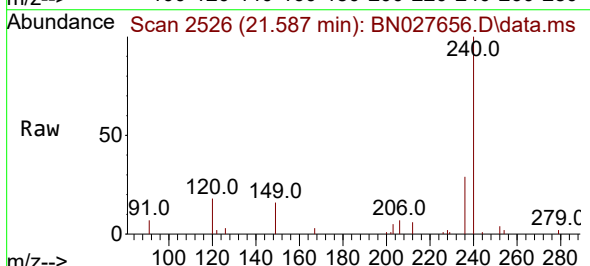
Instrument :  
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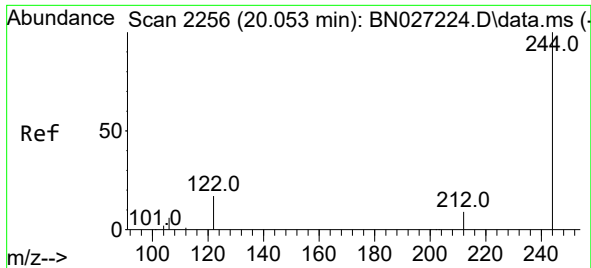
Tgt Ion:212 Resp: 12604  
Ion Ratio Lower Upper  
212 100  
106 15.3 12.1 18.1  
104 8.7 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.587 min Scan# 2526  
Delta R.T. 0.000 min  
Lab File: BN027656.D  
Acq: 13 Sep 2023 23:10

Tgt Ion:240 Resp: 11178  
Ion Ratio Lower Upper  
240 100  
120 18.3 14.2 21.4  
236 29.0 22.9 34.3

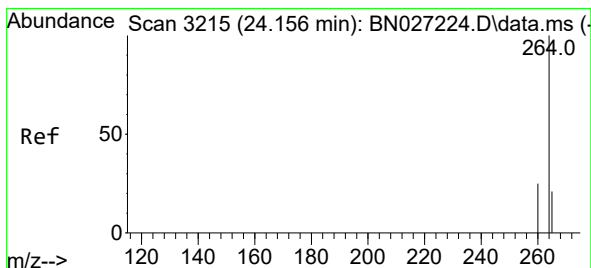
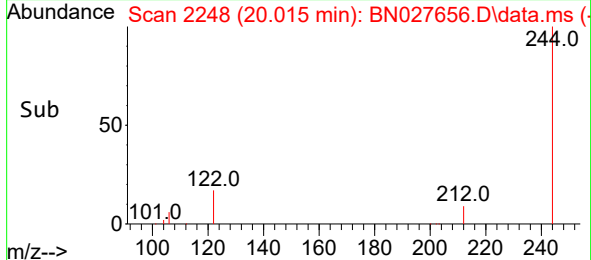
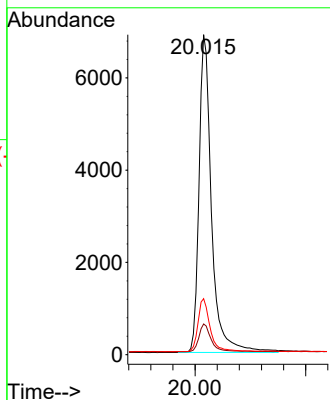
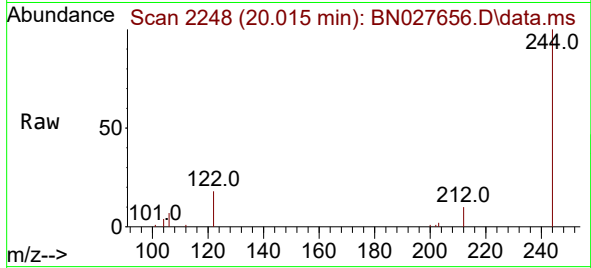




#31  
 Terphenyl-d14  
 Concen: 0.483 ng  
 RT: 20.015 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BN027656.D  
 Acq: 13 Sep 2023 23:10

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB155453BL

Tgt Ion:244 Resp: 10836  
 Ion Ratio Lower Upper  
 244 100  
 212 9.6 7.5 11.3  
 122 17.5 14.0 21.0



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.092 min Scan# 3193  
 Delta R.T. -0.003 min  
 Lab File: BN027656.D  
 Acq: 13 Sep 2023 23:10

Tgt Ion:264 Resp: 10212  
 Ion Ratio Lower Upper  
 264 100  
 260 26.3 20.7 31.1  
 265 94.7 53.3 79.9#

