

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091423\  
 Data File : BN027652.D  
 Acq On : 13 Sep 2023 19:26  
 Operator : MA/JU  
 Sample : 04361-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-303-20230907

Quant Time: Sep 14 05:30:13 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  | 7456     | 0.400 | ng    | 0.00           |
| 7) Naphthalene-d8             | 10.853 | 136  | 18519    | 0.400 | ng    | 0.00           |
| 13) Acenaphthene-d10          | 14.662 | 164  | 8255     | 0.400 | ng    | 0.00           |
| 19) Phenanthrene-d10          | 17.405 | 188  | 16189    | 0.400 | ng    | 0.00           |
| 29) Chrysene-d12              | 21.587 | 240  | 11439    | 0.400 | ng    | 0.00           |
| 35) Perylene-d12              | 24.095 | 264  | 10417    | 0.400 | ng    | # 0.00         |
| System Monitoring Compounds   |        |      |          |       |       |                |
| 4) 2-Fluorophenol             | 5.567  | 112  | 2523     | 0.130 | ng    | 0.00           |
| 5) Phenol-d6                  | 7.185  | 99   | 1578     | 0.067 | ng    | 0.00           |
| 8) Nitrobenzene-d5            | 9.219  | 82   | 4955     | 0.367 | ng    | -0.01          |
| 11) 2-Methylnaphthalene-d10   | 12.426 | 152  | 7258     | 0.267 | ng    | 0.00           |
| 14) 2,4,6-Tribromophenol      | 16.164 | 330  | 538      | 0.176 | ng    | 0.01           |
| 15) 2-Fluorobiphenyl          | 13.293 | 172  | 12050    | 0.384 | ng    | 0.00           |
| 27) Fluoranthene-d10          | 19.430 | 212  | 13316    | 0.331 | ng    | 0.00           |
| 31) Terphenyl-d14             | 20.015 | 244  | 12060    | 0.525 | ng    | 0.00           |
| Target Compounds              |        |      |          |       |       |                |
| 34) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 795      | 0.042 | ng    | Qvalue<br># 94 |
| -----                         |        |      |          |       |       |                |

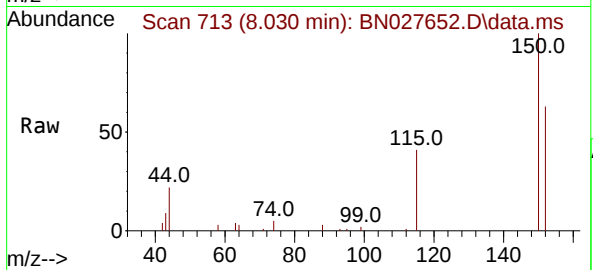
(#) = qualifier out of range (m) = manual integration (+) = signals summed



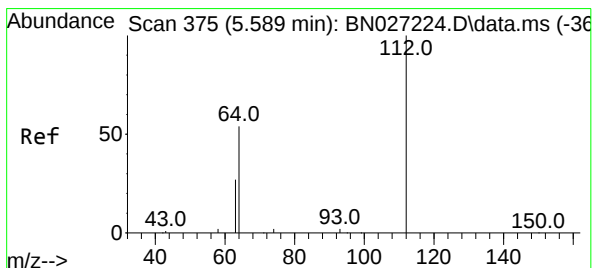
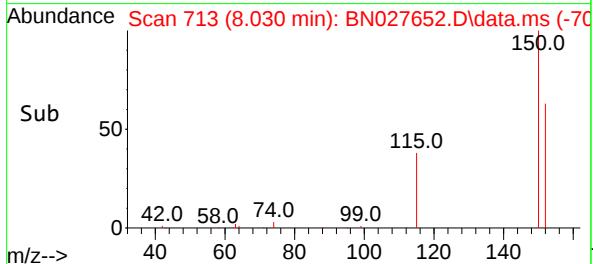
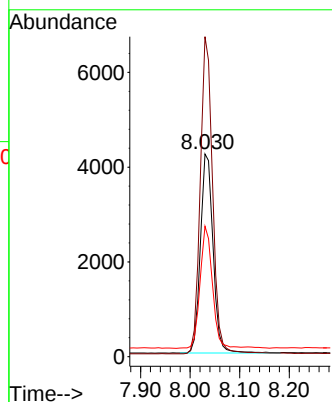


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.030 min Scan# 719  
Delta R.T. -0.007 min  
Lab File: BN027652.D  
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SP-303-20230907

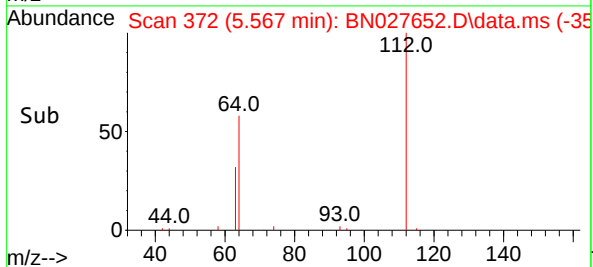
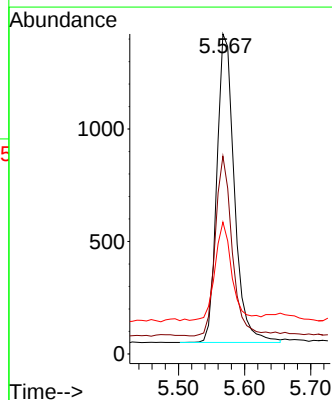
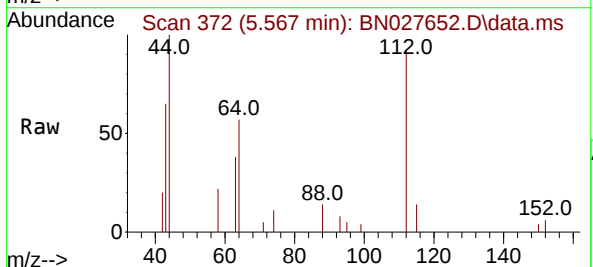


Tgt Ion:152 Resp: 7456  
Ion Ratio Lower Upper  
152 100  
150 157.8 122.7 184.1  
115 64.3 48.6 73.0



#4  
2-Fluorophenol  
Concen: 0.130 ng  
RT: 5.567 min Scan# 372  
Delta R.T. -0.007 min  
Lab File: BN027652.D  
Acq: 13 Sep 2023 19:26

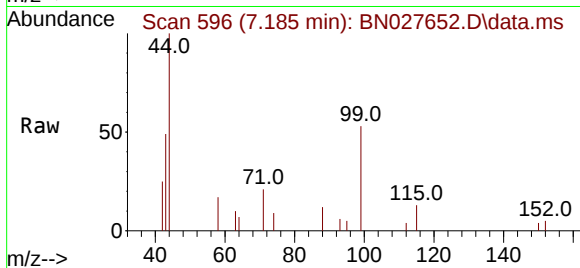
Tgt Ion:112 Resp: 2523  
Ion Ratio Lower Upper  
112 100  
64 57.7 44.4 66.6  
63 30.8 23.1 34.7



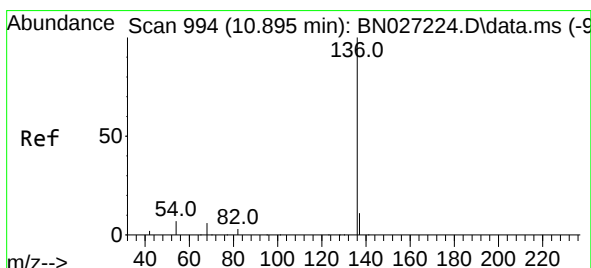
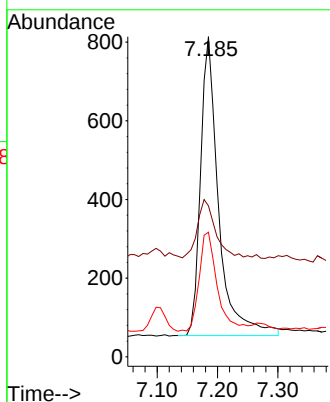
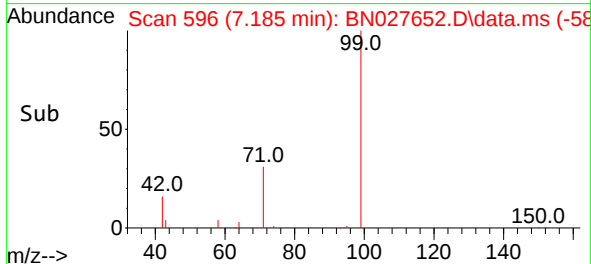


#5  
Phenol-d6  
Concen: 0.067 ng  
RT: 7.185 min Scan# 599  
Delta R.T. 0.000 min  
Lab File: BN027652.D  
Acq: 13 Sep 2023 19:26

Instrument :  
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SP-303-20230907

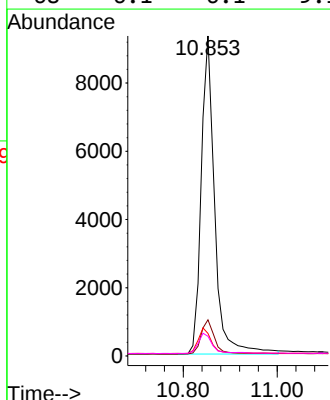
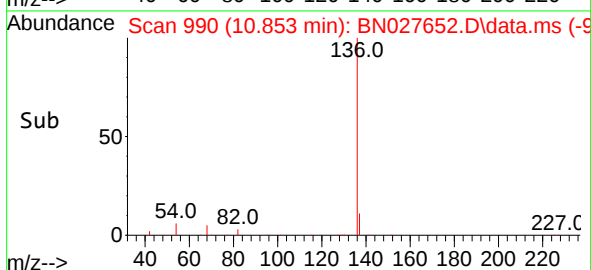
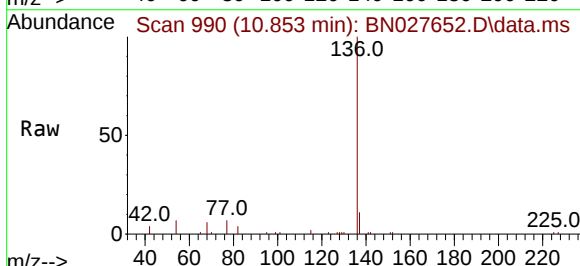


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1578  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 20.5  | 14.5  | 21.7  |
| 71       | 33.5  | 25.8  | 38.6  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.853 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BN027652.D  
Acq: 13 Sep 2023 19:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 18519 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 9.3   | 13.9  |
| 54       | 7.1   | 6.7   | 10.1  |
| 68       | 6.1   | 6.1   | 9.1   |

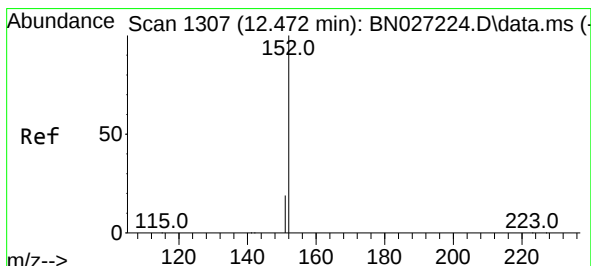
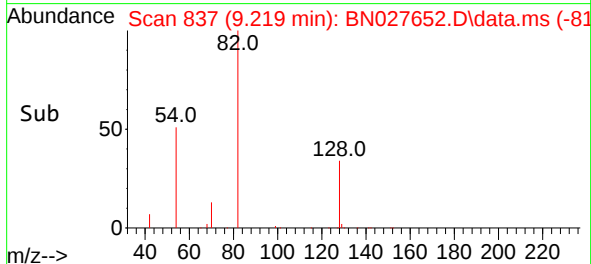
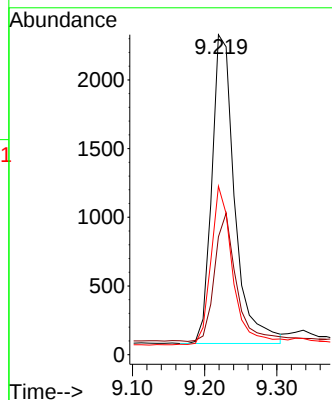
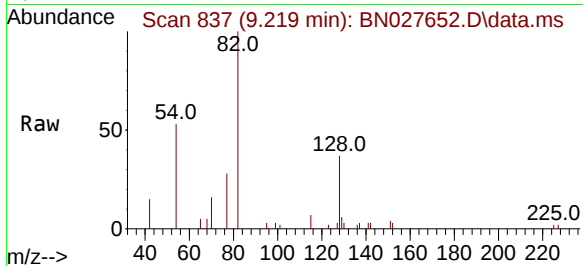




#8  
Nitrobenzene-d5  
Concen: 0.367 ng  
RT: 9.219 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BN027652.D  
Acq: 13 Sep 2023 19:26

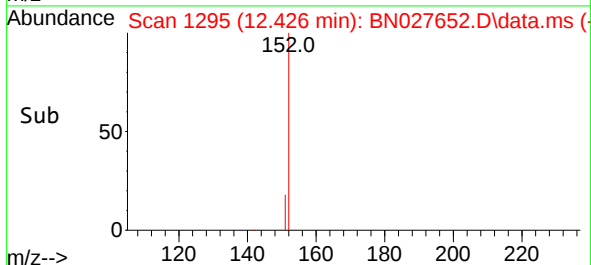
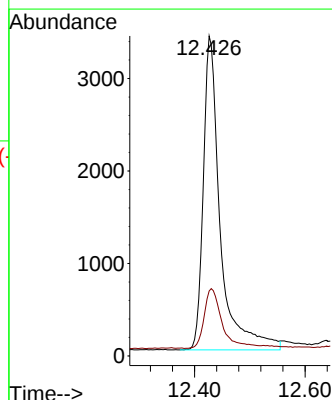
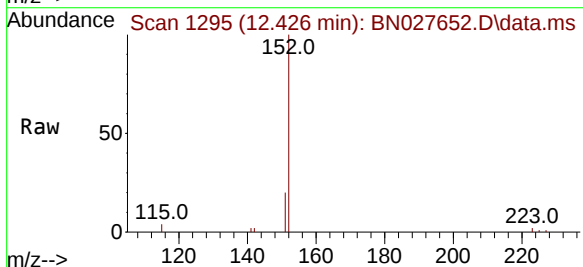
Instrument :  
BNA\_N  
ClientSampleId :  
SP-303-20230907

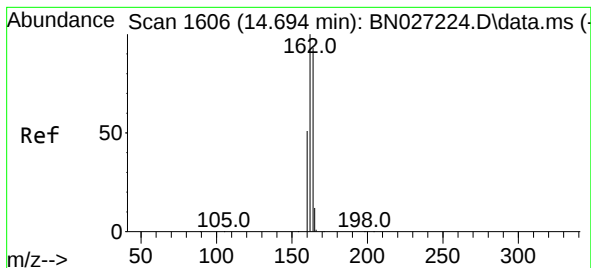
Tgt Ion: 82 Resp: 4955  
Ion Ratio Lower Upper  
82 100  
128 36.8 33.4 50.0  
54 52.6 37.7 56.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.267 ng  
RT: 12.426 min Scan# 1295  
Delta R.T. -0.004 min  
Lab File: BN027652.D  
Acq: 13 Sep 2023 19:26

Tgt Ion: 152 Resp: 7258  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1603

Delta R.T. -0.000 min

Lab File: BN027652.D

Acq: 13 Sep 2023 19:26

Instrument :

BNA\_N

ClientSampleId :

SP-303-20230907

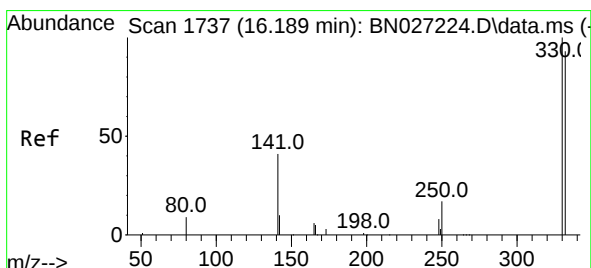
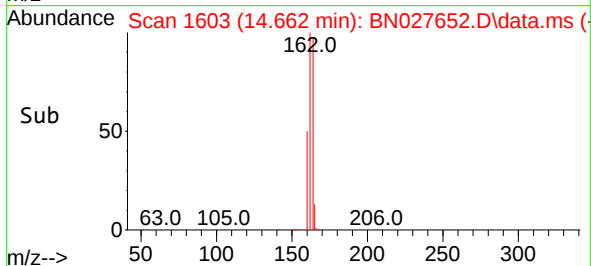
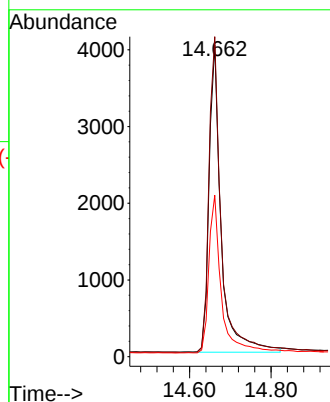
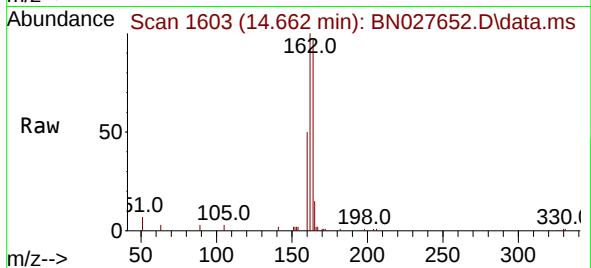
Tgt Ion:164 Resp: 8255

Ion Ratio Lower Upper

164 100

162 102.7 85.8 128.8

160 51.8 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.176 ng

RT: 16.164 min Scan# 1735

Delta R.T. 0.012 min

Lab File: BN027652.D

Acq: 13 Sep 2023 19:26

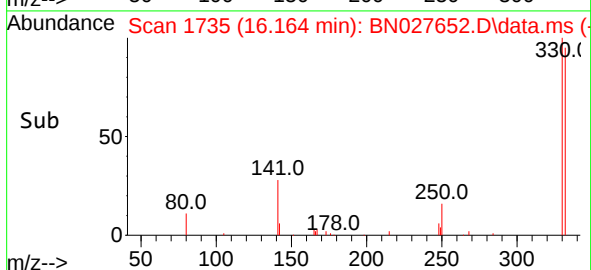
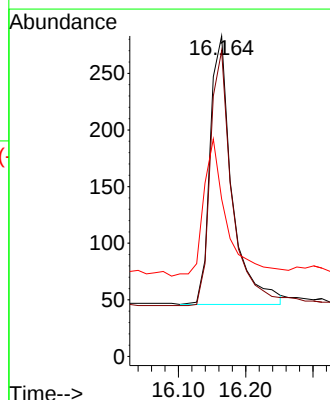
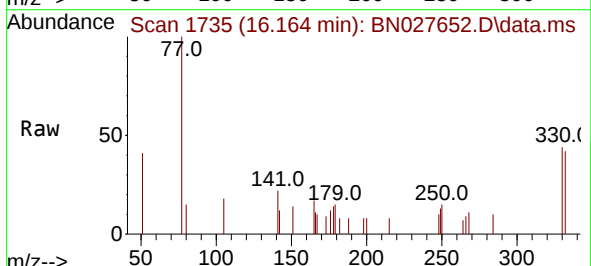
Tgt Ion:330 Resp: 538

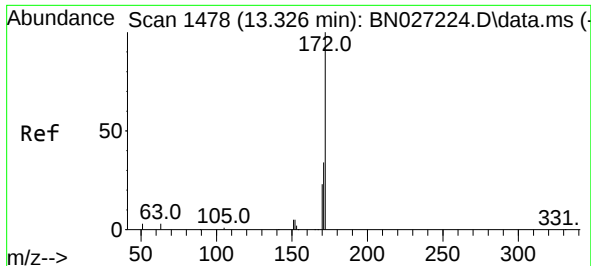
Ion Ratio Lower Upper

330 100

332 94.4 75.2 112.8

141 53.3 36.2 54.4

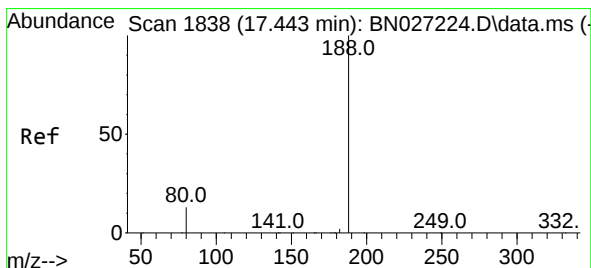
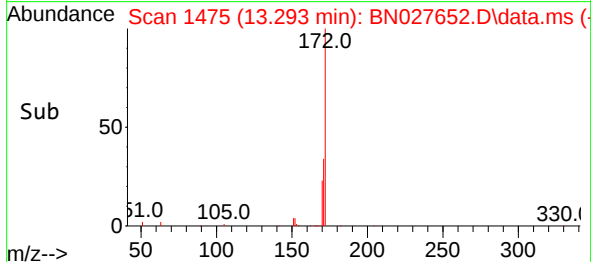
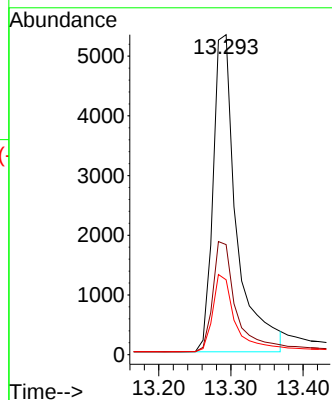
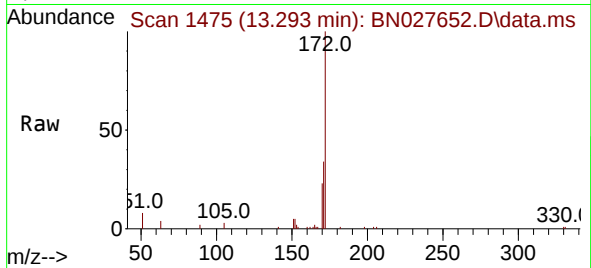




#15  
2-Fluorobiphenyl  
Concen: 0.384 ng  
RT: 13.293 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: BN027652.D  
Acq: 13 Sep 2023 19:26

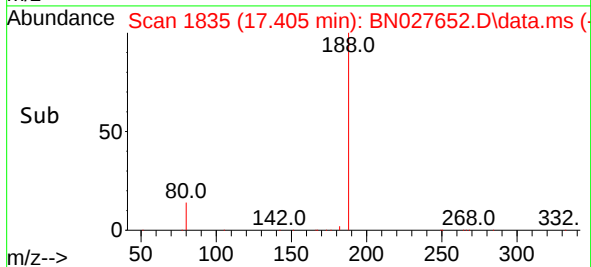
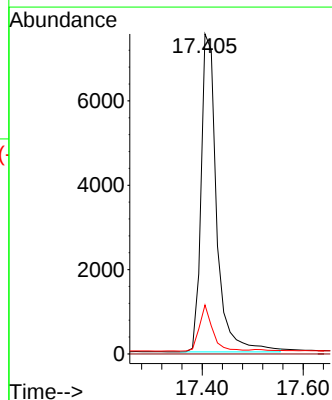
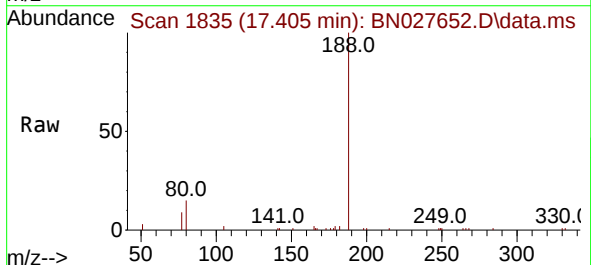
Instrument :  
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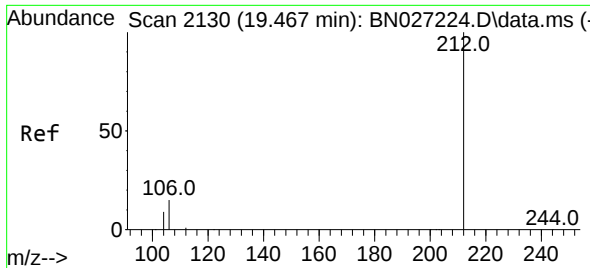
Tgt Ion:172 Resp: 12050  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.8 41.8  
170 23.4 19.3 28.9



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.405 min Scan# 1835  
Delta R.T. 0.000 min  
Lab File: BN027652.D  
Acq: 13 Sep 2023 19:26

Tgt Ion:188 Resp: 16189  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.3 11.0 16.6

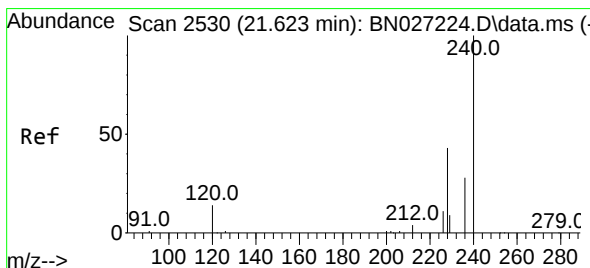
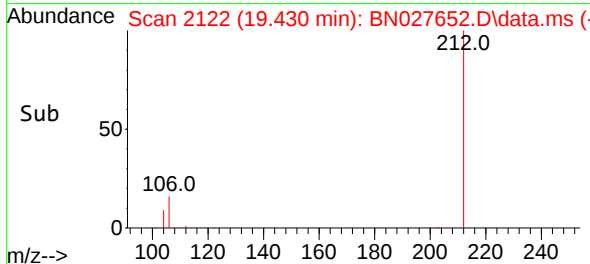
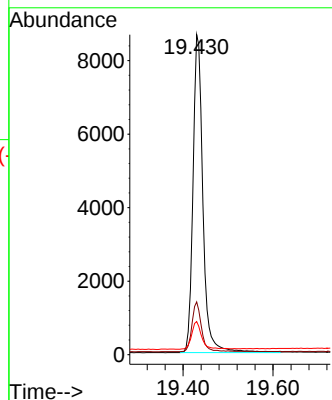
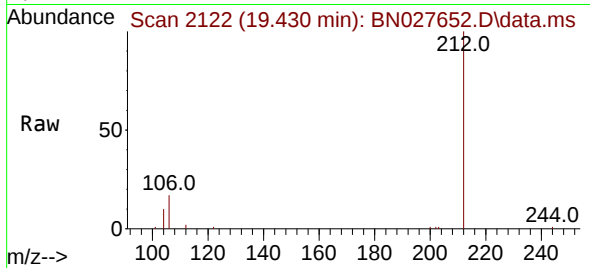




#27  
Fluoranthene-d10  
Concen: 0.331 ng  
RT: 19.430 min Scan# 2130  
Delta R.T. -0.005 min  
Lab File: BN027652.D  
Acq: 13 Sep 2023 19:26

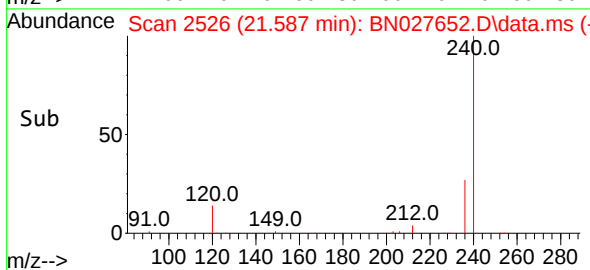
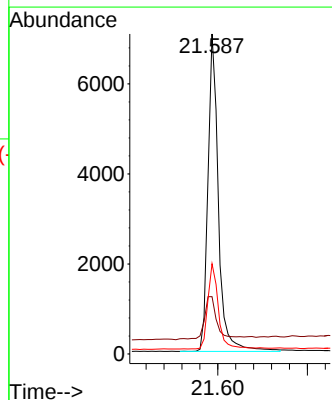
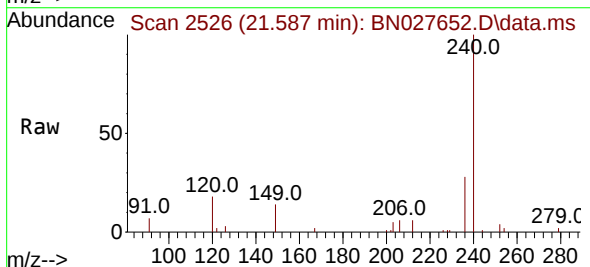
Instrument :  
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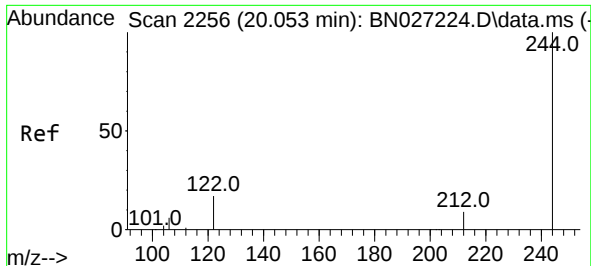
Tgt Ion:212 Resp: 13316  
Ion Ratio Lower Upper  
212 100  
106 14.9 12.1 18.1  
104 8.6 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.587 min Scan# 2526  
Delta R.T. 0.000 min  
Lab File: BN027652.D  
Acq: 13 Sep 2023 19:26

Tgt Ion:240 Resp: 11439  
Ion Ratio Lower Upper  
240 100  
120 17.9 14.2 21.4  
236 28.2 22.9 34.3

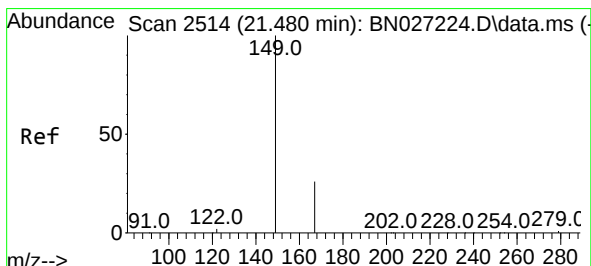
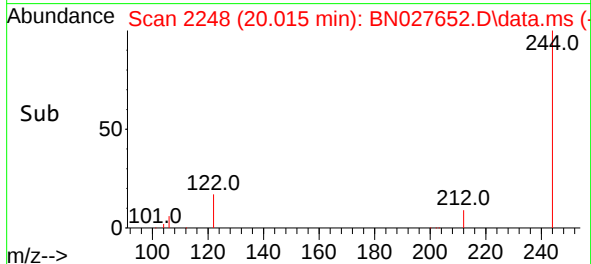
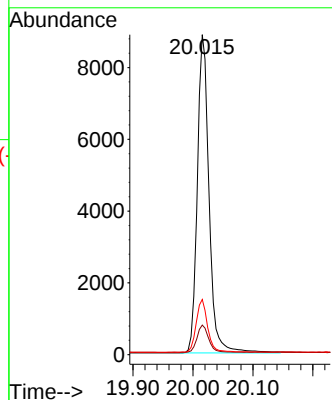
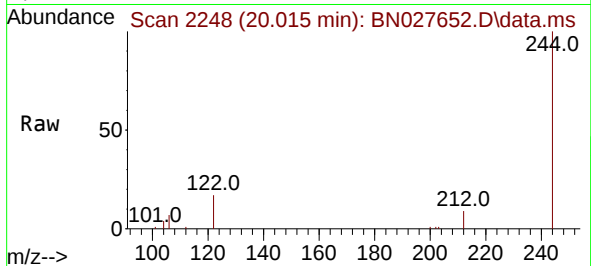




#31  
 Terphenyl-d14  
 Concen: 0.525 ng  
 RT: 20.015 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BN027652.D  
 Acq: 13 Sep 2023 19:26

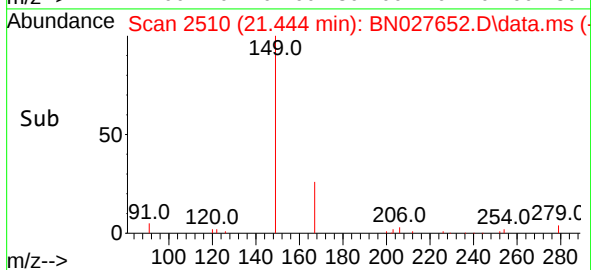
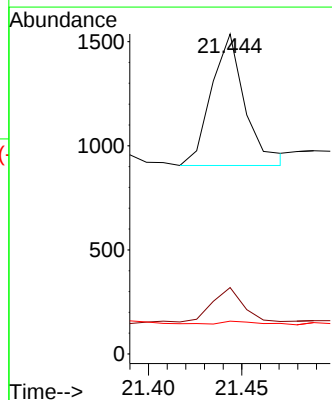
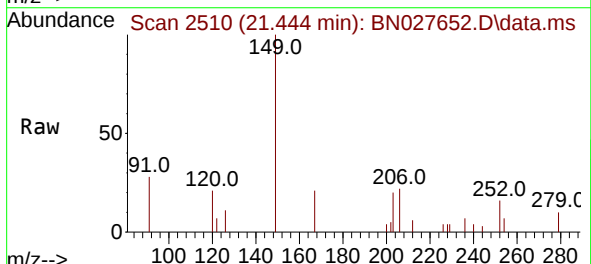
Instrument :  
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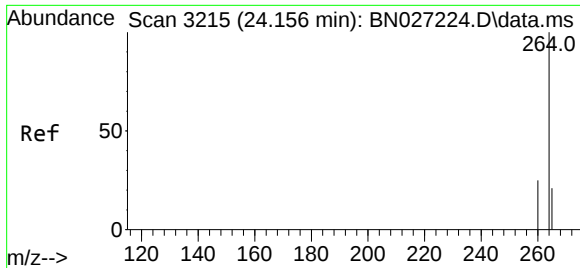
Tgt Ion:244 Resp: 12060  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 7.5 11.3  
 122 17.3 14.0 21.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.042 ng  
 RT: 21.444 min Scan# 2510  
 Delta R.T. 0.000 min  
 Lab File: BN027652.D  
 Acq: 13 Sep 2023 19:26

Tgt Ion:149 Resp: 795  
 Ion Ratio Lower Upper  
 149 100  
 167 30.8 22.1 33.1  
 279 4.4 2.7 4.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.095 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN027652.D

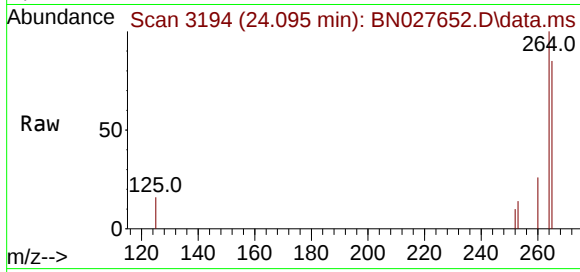
Acq: 13 Sep 2023 19:26

Instrument :

BNA\_N

ClientSampleId :

SP-303-20230907



Tgt Ion:264 Resp: 10417

Ion Ratio Lower Upper

264 100

260 26.2 20.7 31.1

265 85.0 53.3 79.9#

