

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091123\  
 Data File : BN027566.D  
 Acq On : 11 Sep 2023 07:59  
 Operator : MA/JU  
 Sample : 04251-03  
 Misc :  
 ALS Vial : 77 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-05-135-083023-3V

Quant Time: Sep 12 01:29:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 11 05:26:09 2023  
 Response via : Initial Calibration

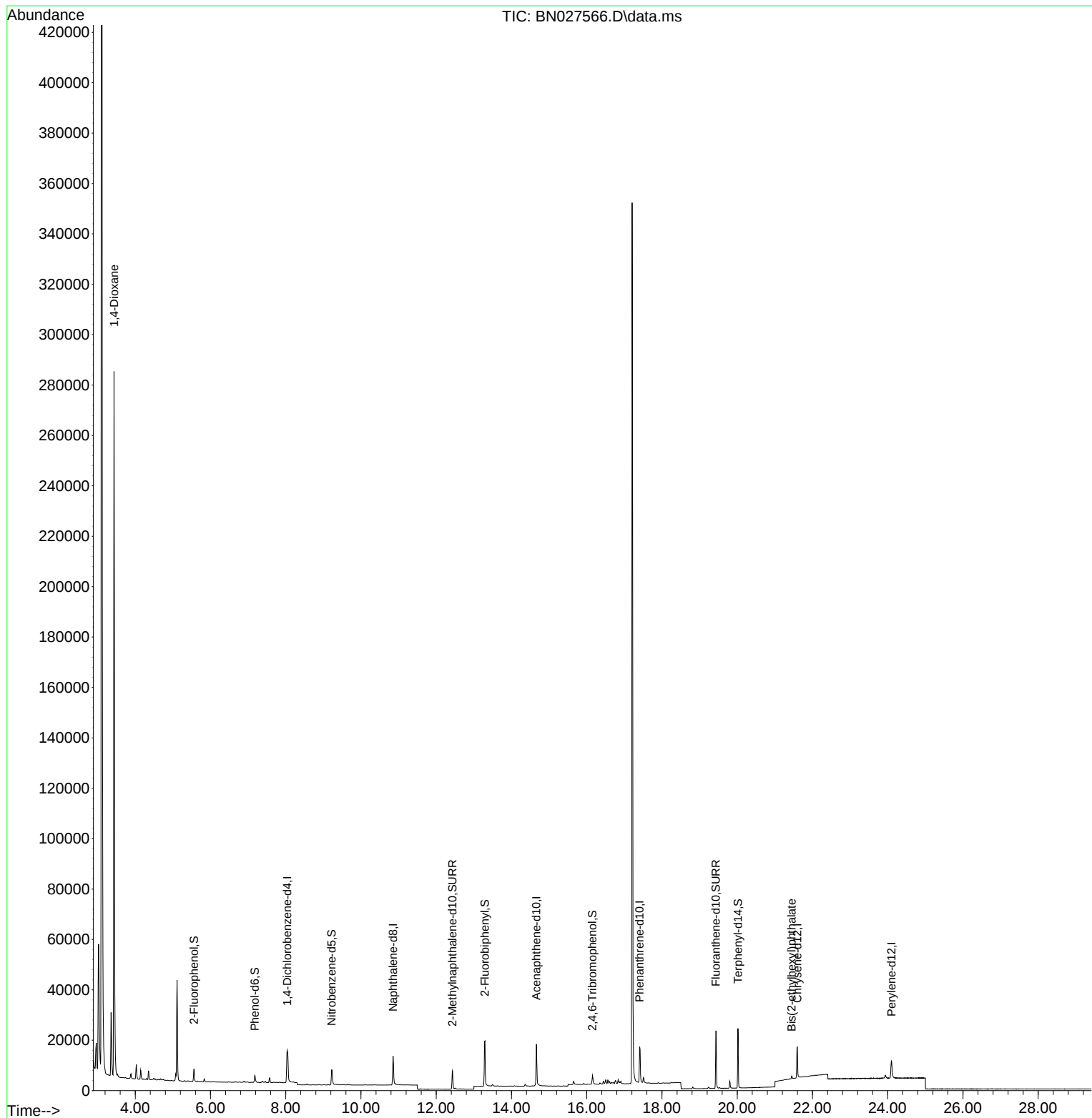
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.037  | 152  | 5682     | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.853 | 136  | 16593    | 0.400  | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.662 | 164  | 10436    | 0.400  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.405 | 188  | 23105    | 0.400  | ng    | -0.01    |
| 29) Chrysene-d12              | 21.596 | 240  | 13922    | 0.400  | ng    | # 0.00   |
| 35) Perylene-d12              | 24.098 | 264  | 11593    | 0.400  | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.560  | 112  | 4095     | 0.276  | ng    | 0.00     |
| 5) Phenol-d6                  | 7.178  | 99   | 2909     | 0.162  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.219  | 82   | 5901     | 0.488  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.430 | 152  | 10885    | 0.447  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.152 | 330  | 2271     | 0.588  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.293 | 172  | 18884    | 0.476  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.435 | 212  | 26549    | 0.462  | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.020 | 244  | 23467    | 0.839  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.437  | 88   | 184276   | 26.566 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 1497     | 0.065  | ng    | 91       |
| -----                         |        |      |          |        |       |          |

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

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OWBR-05-135-083023-3V

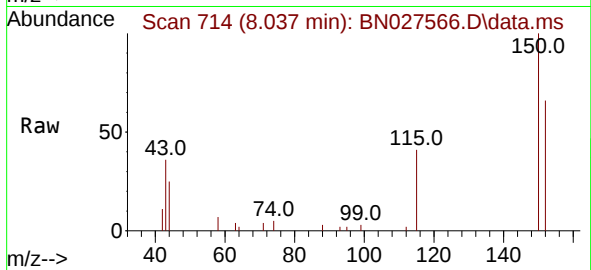
Quant Time: Sep 12 01:29:28 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 11 05:26:09 2023  
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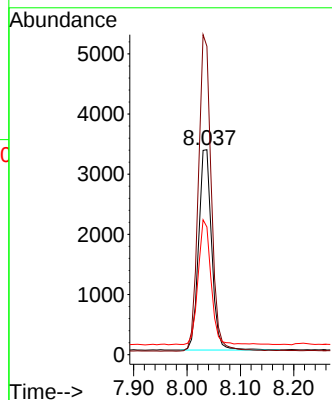
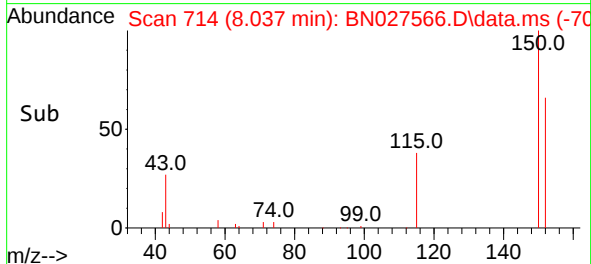


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.037 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BN027566.D  
 Acq: 11 Sep 2023 07:59

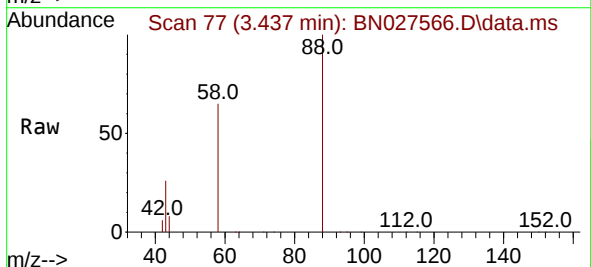
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-05-135-083023-3V



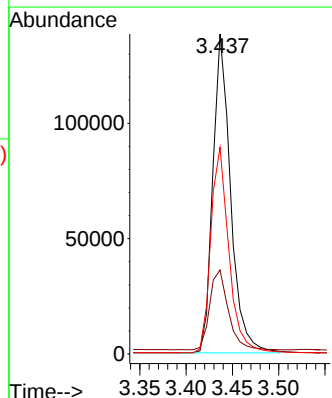
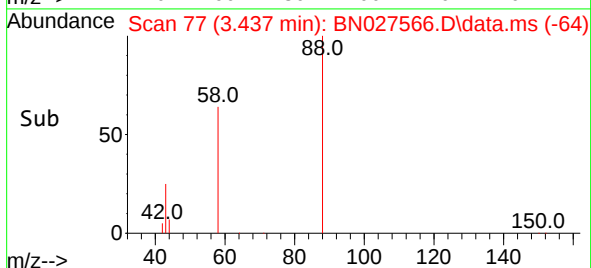
Tgt Ion:152 Resp: 5682  
 Ion Ratio Lower Upper  
 152 100  
 150 150.4 122.7 184.1  
 115 62.3 48.6 73.0



#2  
 1,4-Dioxane  
 Concen: 26.566 ng  
 RT: 3.437 min Scan# 77  
 Delta R.T. -0.007 min  
 Lab File: BN027566.D  
 Acq: 11 Sep 2023 07:59



Tgt Ion: 88 Resp: 184276  
 Ion Ratio Lower Upper  
 88 100  
 43 26.1 19.1 28.7  
 58 65.5 52.2 78.2





#4

2-Fluorophenol

Concen: 0.276 ng

RT: 5.560 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027566.D

Acq: 11 Sep 2023 07:59

Instrument :

BNA\_N

ClientSampleId :

OWBR-05-135-083023-3V

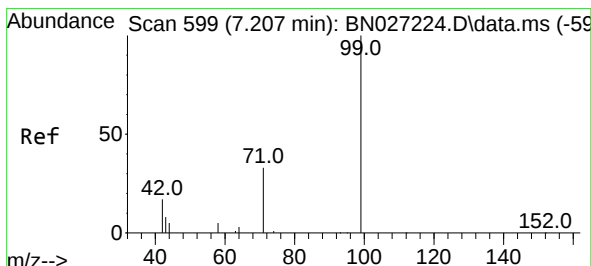
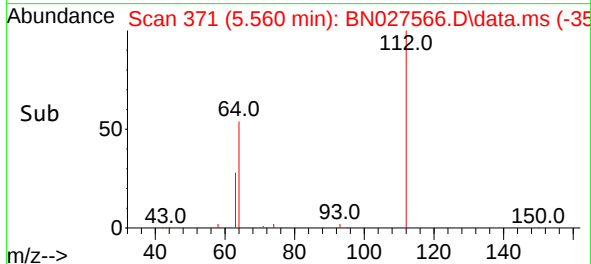
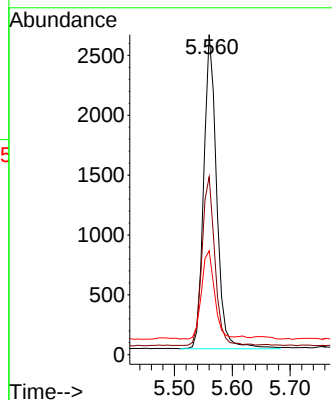
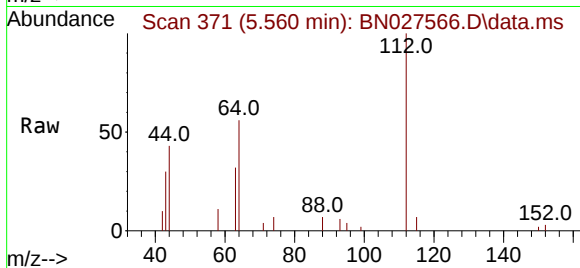
Tgt Ion:112 Resp: 4095

Ion Ratio Lower Upper

112 100

64 53.3 44.4 66.6

63 28.4 23.1 34.7



#5

Phenol-d6

Concen: 0.162 ng

RT: 7.178 min Scan# 595

Delta R.T. 0.000 min

Lab File: BN027566.D

Acq: 11 Sep 2023 07:59

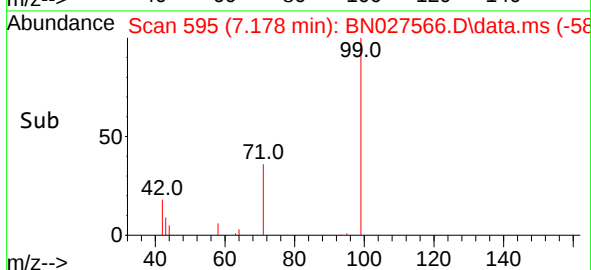
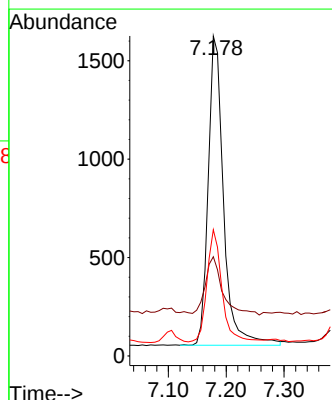
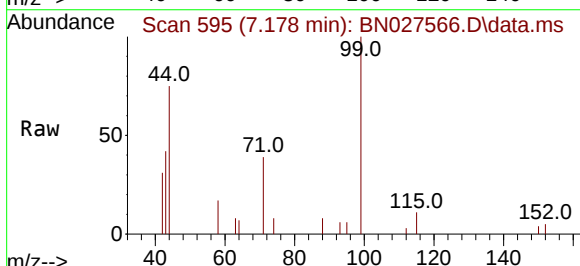
Tgt Ion: 99 Resp: 2909

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 35.3 25.8 38.6

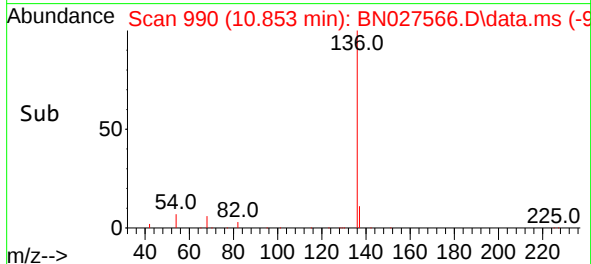
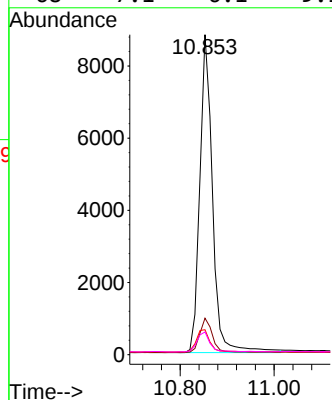
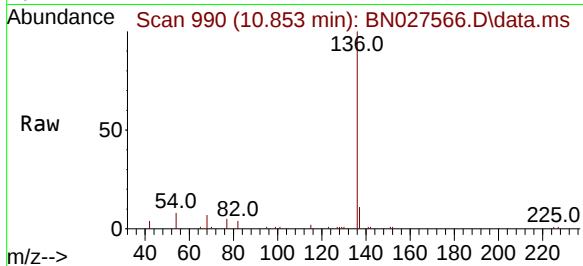




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.853 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN027566.D  
Acq: 11 Sep 2023 07:59

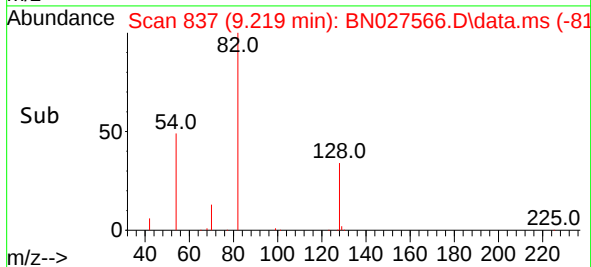
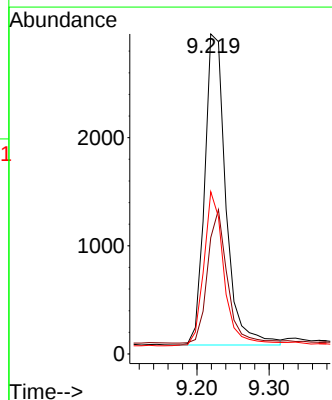
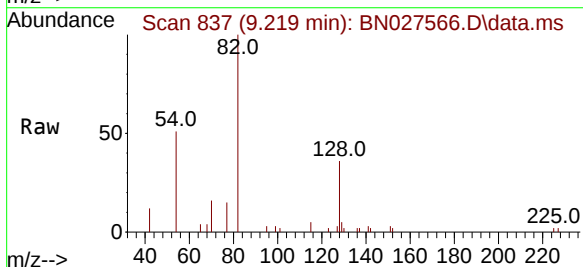
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-05-135-083023-3V

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 16593 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.3   | 13.9  |
| 54       | 7.8   | 6.7   | 10.1  |
| 68       | 7.1   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.488 ng  
RT: 9.219 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BN027566.D  
Acq: 11 Sep 2023 07:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5901  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.3  | 33.4  | 50.0  |
| 54       | 50.7  | 37.7  | 56.5  |





#11

2-Methylnaphthalene-d10

Concen: 0.447 ng

RT: 12.430 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027566.D

Acq: 11 Sep 2023 07:59

Instrument :

BNA\_N

ClientSampleId :

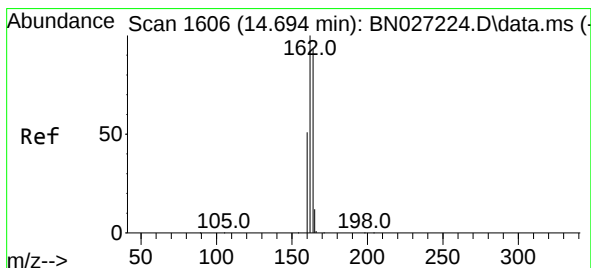
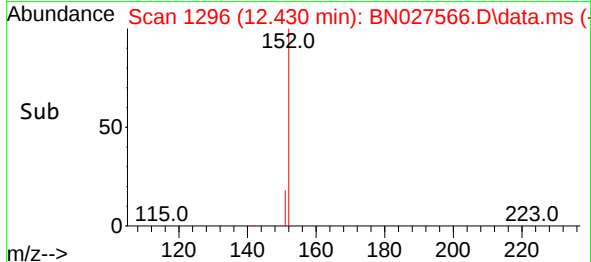
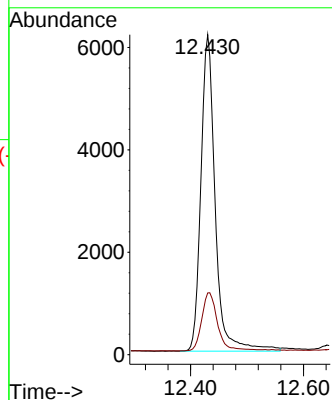
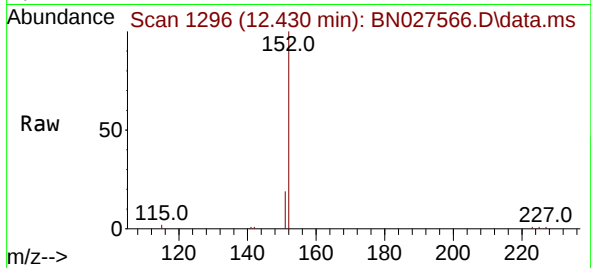
OWBR-05-135-083023-3V

Tgt Ion:152 Resp: 10885

Ion Ratio Lower Upper

152 100

151 20.4 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: BN027566.D

Acq: 11 Sep 2023 07:59

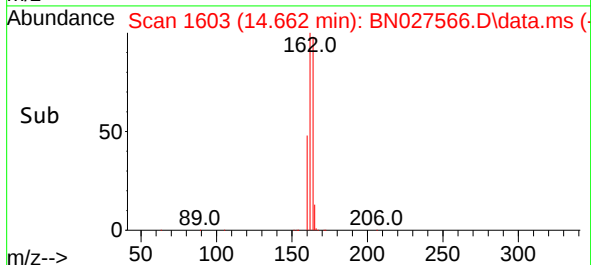
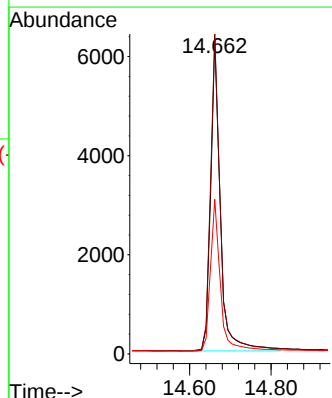
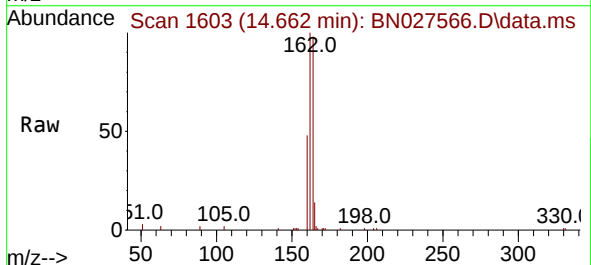
Tgt Ion:164 Resp: 10436

Ion Ratio Lower Upper

164 100

162 101.7 85.8 128.8

160 49.1 44.2 66.2





#14

2,4,6-Tribromophenol

Concen: 0.588 ng

RT: 16.152 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027566.D

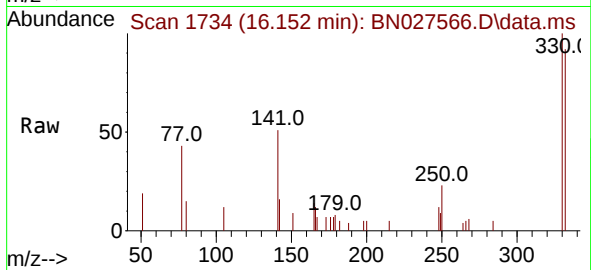
Acq: 11 Sep 2023 07:59

Instrument :

BNA\_N

ClientSampleId :

OWBR-05-135-083023-3V



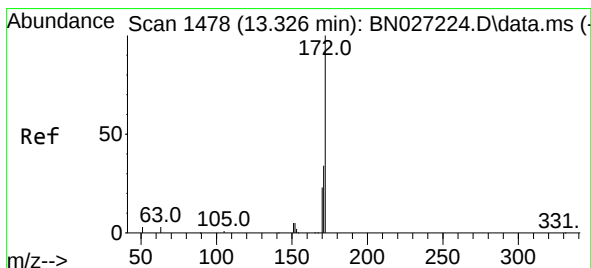
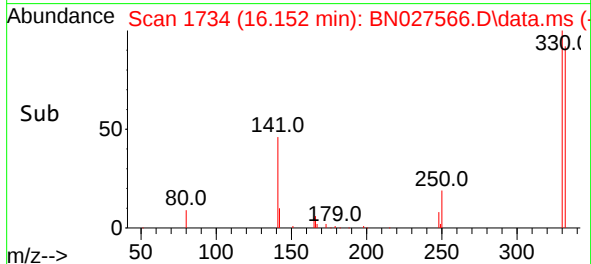
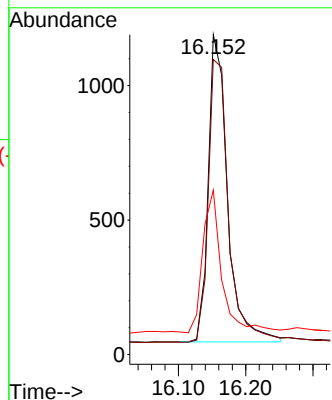
Tgt Ion:330 Resp: 2271

Ion Ratio Lower Upper

330 100

332 97.0 75.2 112.8

141 44.9 36.2 54.4



#15

2-Fluorobiphenyl

Concen: 0.476 ng

RT: 13.293 min Scan# 1475

Delta R.T. 0.000 min

Lab File: BN027566.D

Acq: 11 Sep 2023 07:59

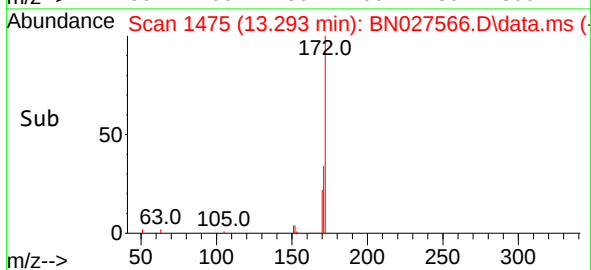
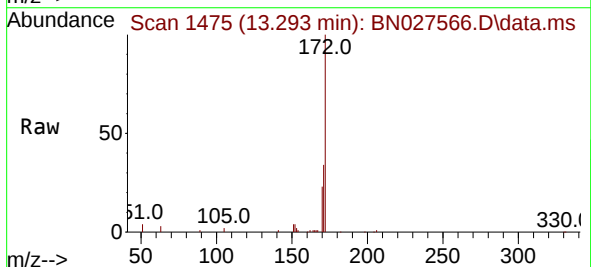
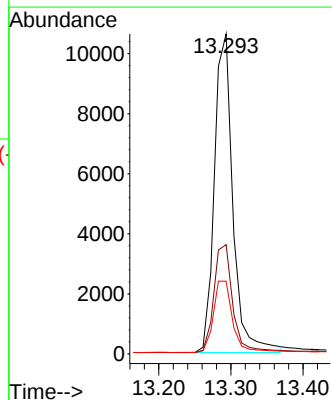
Tgt Ion:172 Resp: 18884

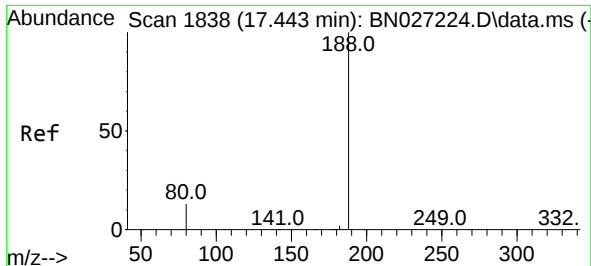
Ion Ratio Lower Upper

172 100

171 34.2 27.8 41.8

170 22.8 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.405 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN027566.D

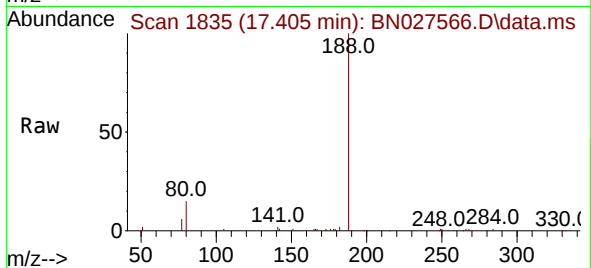
Acq: 11 Sep 2023 07:59

Instrument :

BNA\_N

ClientSampleId :

OWBR-05-135-083023-3V



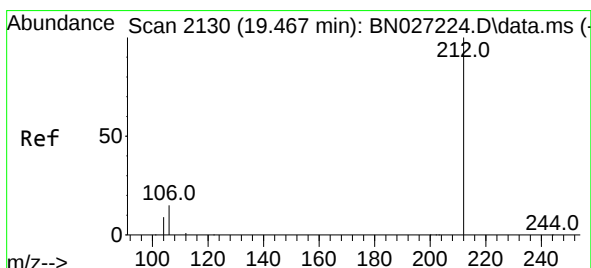
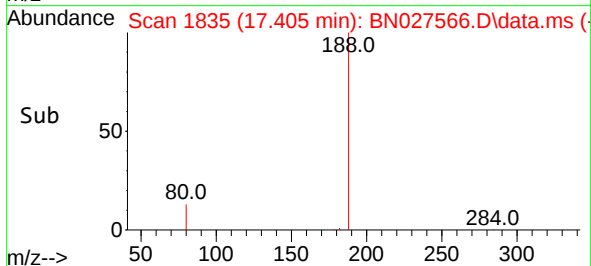
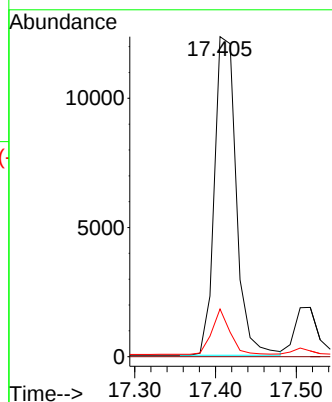
Tgt Ion:188 Resp: 23105

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 11.0 16.6



#27

Fluoranthene-d10

Concen: 0.462 ng

RT: 19.435 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BN027566.D

Acq: 11 Sep 2023 07:59

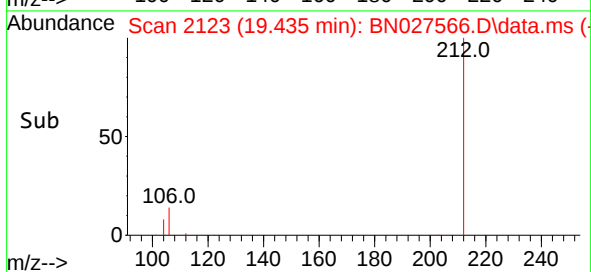
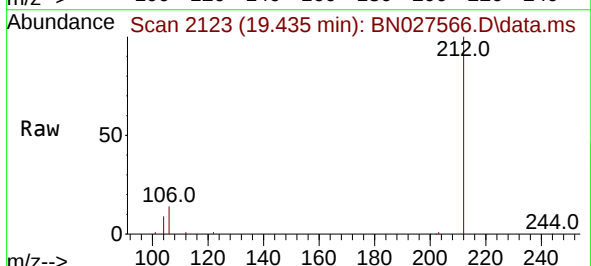
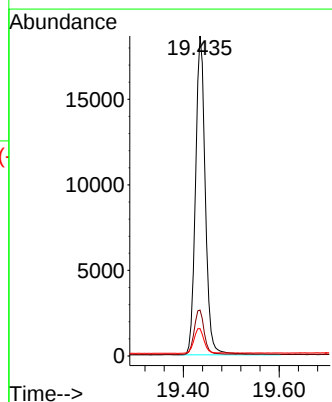
Tgt Ion:212 Resp: 26549

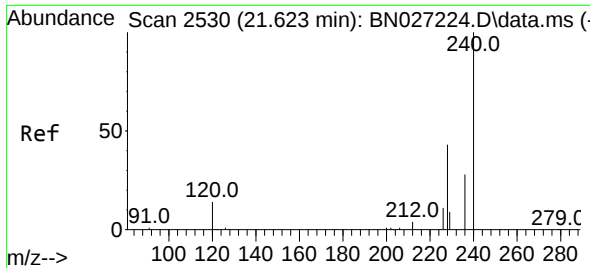
Ion Ratio Lower Upper

212 100

106 14.2 12.1 18.1

104 8.1 6.9 10.3

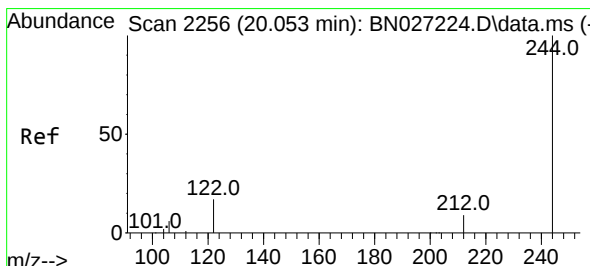
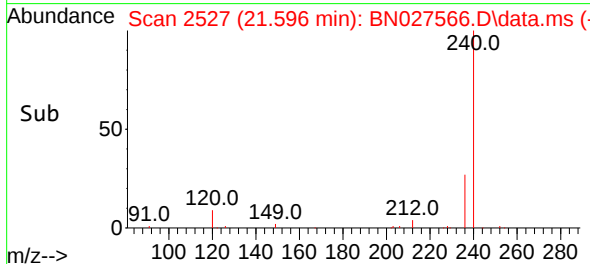
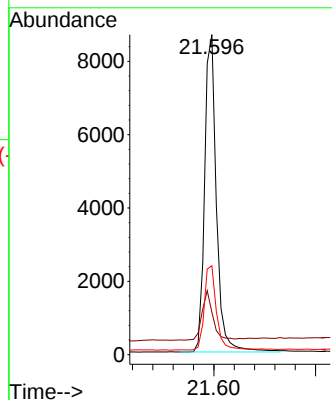
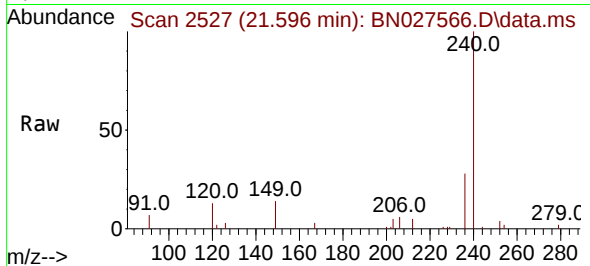




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.596 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BN027566.D  
Acq: 11 Sep 2023 07:59

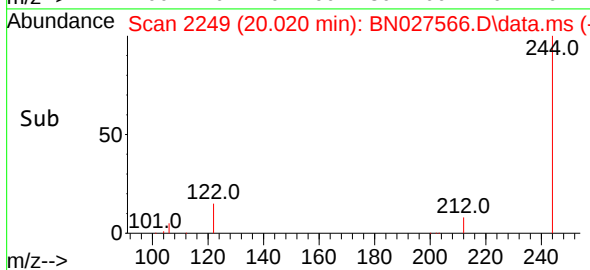
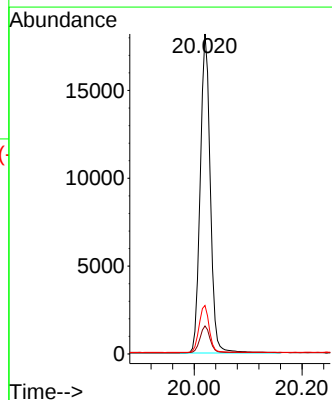
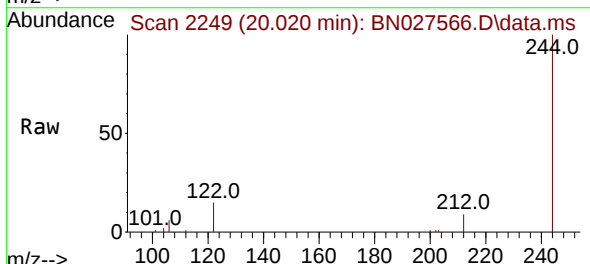
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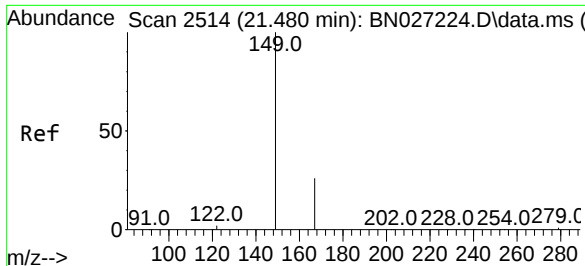
Tgt Ion:240 Resp: 13922  
Ion Ratio Lower Upper  
240 100  
120 13.2 14.2 21.4#  
236 27.8 22.9 34.3



#31  
Terphenyl-d14  
Concen: 0.839 ng  
RT: 20.020 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: BN027566.D  
Acq: 11 Sep 2023 07:59

Tgt Ion:244 Resp: 23467  
Ion Ratio Lower Upper  
244 100  
212 8.8 7.5 11.3  
122 15.2 14.0 21.0

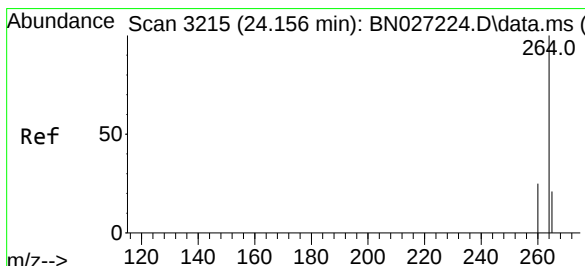
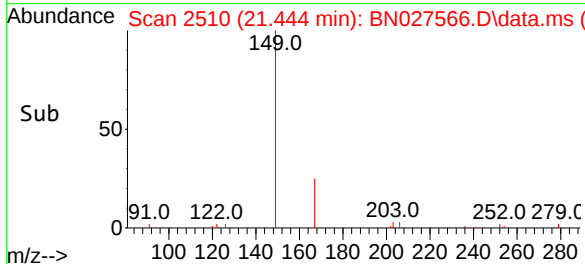
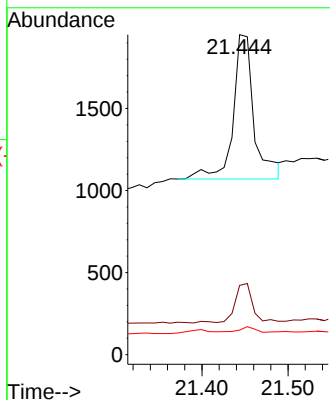
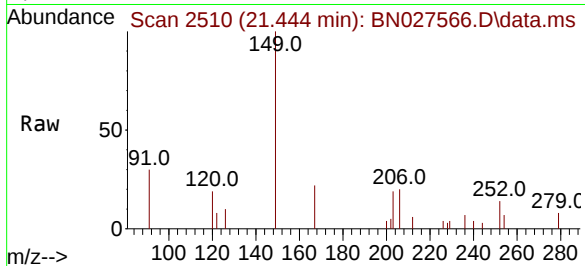




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.065 ng  
 RT: 21.444 min Scan# 2149  
 Delta R.T. 0.000 min  
 Lab File: BN027566.D  
 Acq: 11 Sep 2023 07:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-05-135-083023-3V

Tgt Ion:149 Resp: 1497  
 Ion Ratio Lower Upper  
 149 100  
 167 22.2 22.1 33.1  
 279 2.9 2.7 4.1



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.098 min Scan# 3195  
 Delta R.T. 0.003 min  
 Lab File: BN027566.D  
 Acq: 11 Sep 2023 07:59

Tgt Ion:264 Resp: 11593  
 Ion Ratio Lower Upper  
 264 100  
 260 26.7 20.7 31.1  
 265 82.4 53.3 79.9#

