

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010924\  
 Data File : BN029225.D  
 Acq On : 09 Jan 2024 13:20  
 Operator : MA/JU  
 Sample : PB158280BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158280BL

Quant Time: Jan 09 13:49:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 28 01:20:47 2023  
 Response via : Initial Calibration

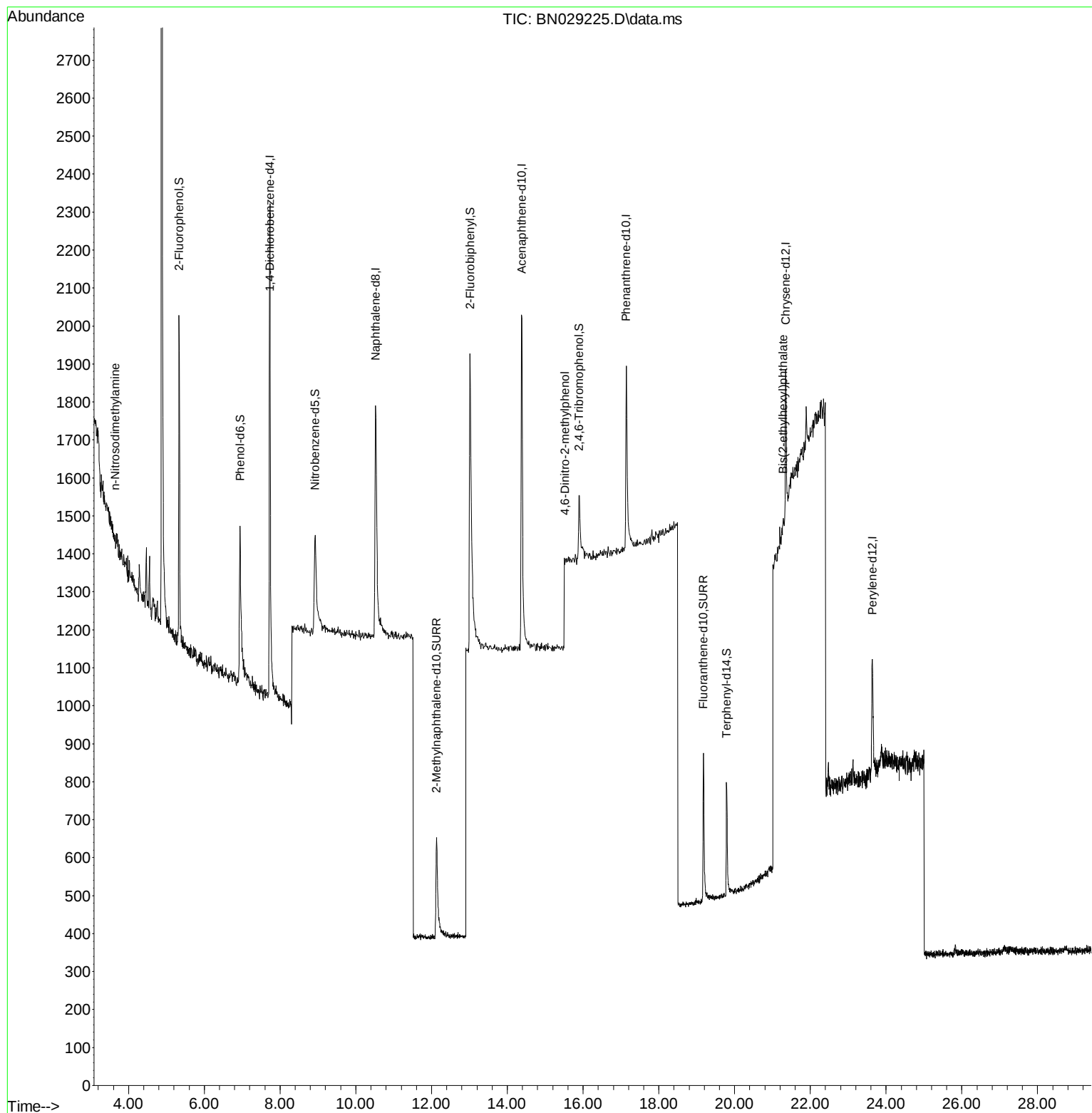
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.732  | 152  | 831      | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.519 | 136  | 1509     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.383 | 164  | 844      | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.144 | 188  | 1201     | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.349 | 240  | 478      | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.636 | 264  | 513      | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.334  | 112  | 708      | 0.366 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.944  | 99   | 655      | 0.302 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.929  | 82   | 545      | 0.288 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 12.132 | 152  | 731      | 0.280 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol      | 15.902 | 330  | 170      | 0.261 | ng    | 0.02     |
| 15) 2-Fluorobiphenyl          | 13.014 | 172  | 1312     | 0.290 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.178 | 212  | 639      | 0.261 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.786 | 244  | 382      | 0.258 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 3) n-Nitrosodimethylamine     | 3.644  | 42   | 16       | 0.025 | ng    | # 3      |
| 20) 4,6-Dinitro-2-methylph... | 15.530 | 198  | 1        | 0.105 | ng    | # 26     |
| 34) Bis(2-ethylhexyl)phtha... | 21.286 | 149  | 117      | 0.029 | ng    | # 75     |
| -----                         |        |      |          |       |       |          |

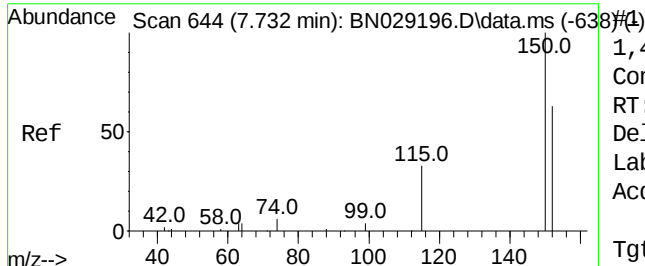
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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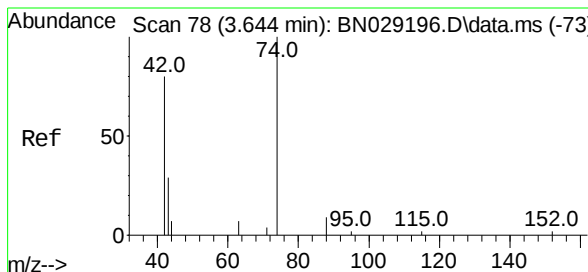
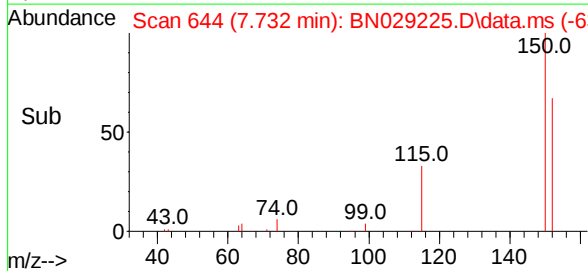
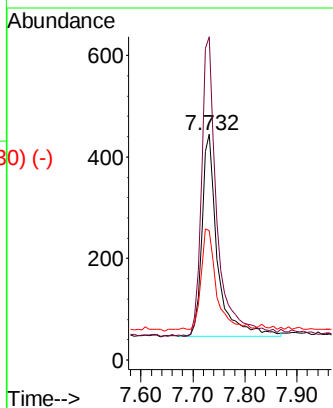
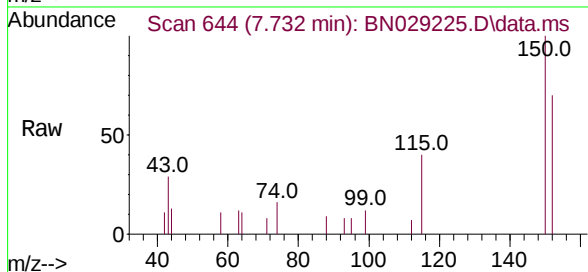




1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.732 min Scan# 644  
 Delta R.T. -0.000 min  
 Lab File: BN029225.D  
 Acq: 09 Jan 2024 13:20

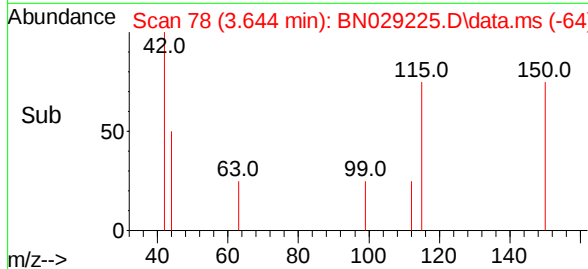
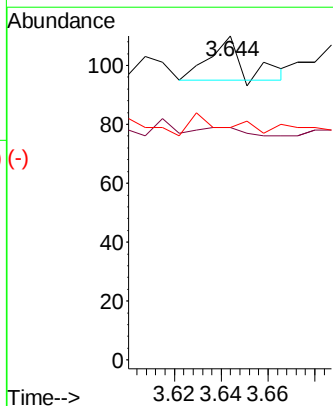
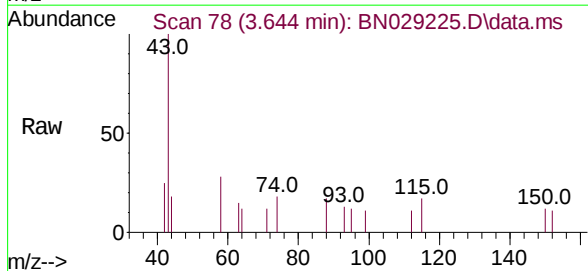
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158280BL

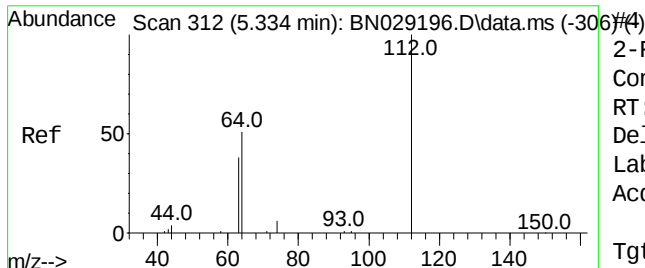
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 831   |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 143.1 | 122.2 | 183.2 |
| 115      | 57.3  | 48.2  | 72.4  |



n-Nitrosodimethylamine  
 Concen: 0.025 ng  
 RT: 3.644 min Scan# 78  
 Delta R.T. -0.000 min  
 Lab File: BN029225.D  
 Acq: 09 Jan 2024 13:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 16     |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 18.8  | 106.8 | 160.2# |
| 44       | 37.5  | 5.6   | 8.4#   |





2-Fluorophenol

Concen: 0.366 ng

RT: 5.334 min Scan# 312

Delta R.T. -0.000 min

Lab File: BN029225.D

Acq: 09 Jan 2024 13:20

Instrument :

BNA\_N

ClientSampleId :

PB158280BL

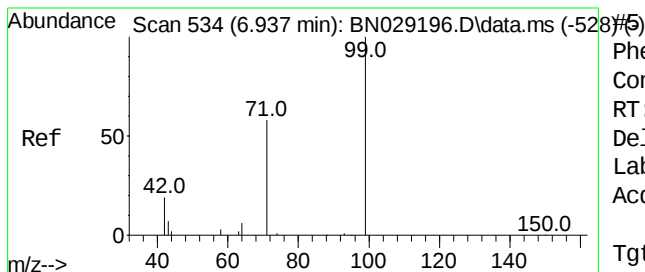
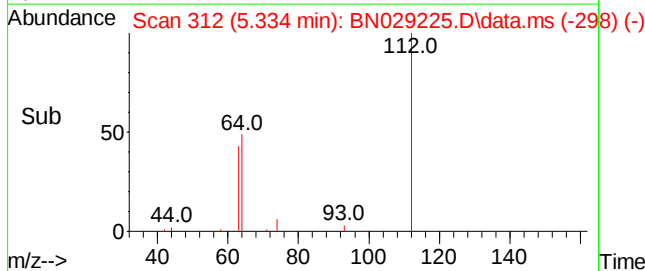
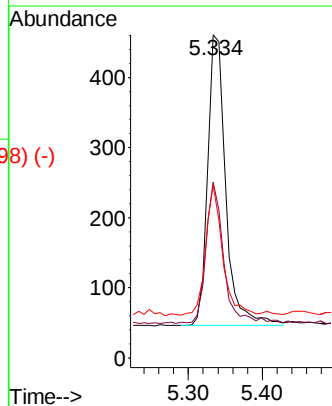
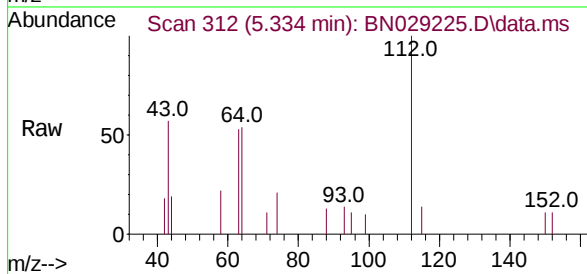
Tgt Ion:112 Resp: 708

Ion Ratio Lower Upper

112 100

64 47.7 38.8 58.2

63 40.4 30.6 45.8



Phenol-d6

Concen: 0.302 ng

RT: 6.944 min Scan# 535

Delta R.T. 0.007 min

Lab File: BN029225.D

Acq: 09 Jan 2024 13:20

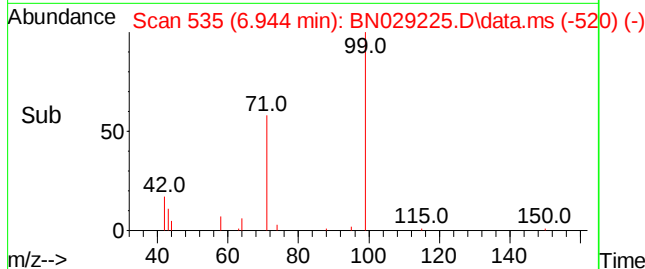
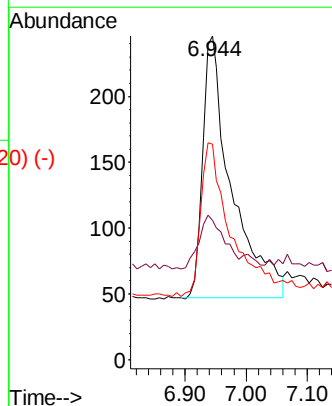
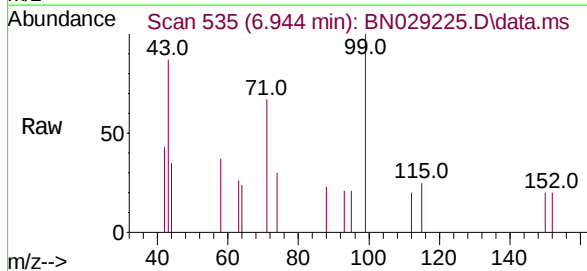
Tgt Ion: 99 Resp: 655

Ion Ratio Lower Upper

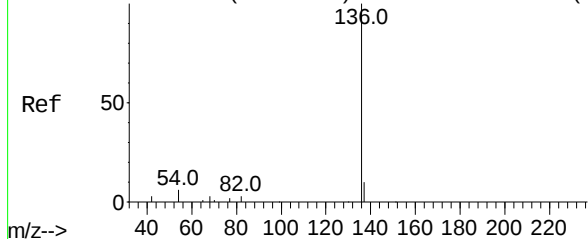
99 100

42 17.9 18.3 27.5#

71 61.7 48.6 73.0



Abundance Scan 931 (10.519 min): BN029196.D\data.ms (-9257-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.519 min Scan# 931

Delta R.T. 0.000 min

Lab File: BN029225.D

Acq: 09 Jan 2024 13:20

Instrument :

BNA\_N

ClientSampleId :

PB158280BL

Tgt Ion:136 Resp: 1509

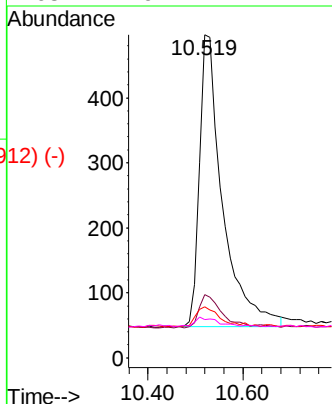
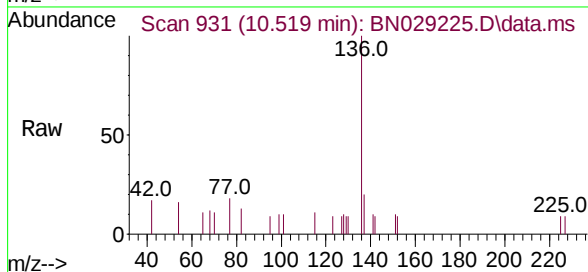
Ion Ratio Lower Upper

136 100

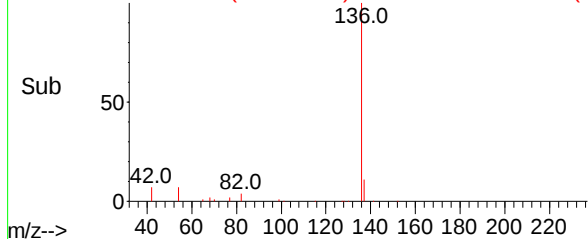
137 19.5 13.0 19.4#

54 15.9 9.8 14.6#

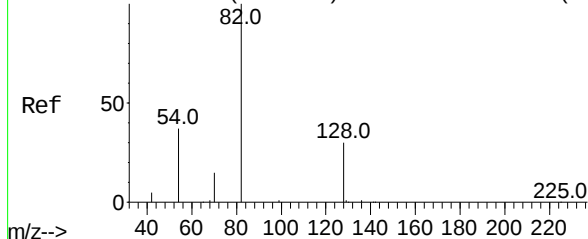
68 11.9 7.4 11.2#



Abundance Scan 931 (10.519 min): BN029225.D\data.ms (-912-)



Abundance Scan 780 (8.907 min): BN029196.D\data.ms (-7767-)



Nitrobenzene-d5

Concen: 0.288 ng

RT: 8.929 min Scan# 782

Delta R.T. 0.022 min

Lab File: BN029225.D

Acq: 09 Jan 2024 13:20

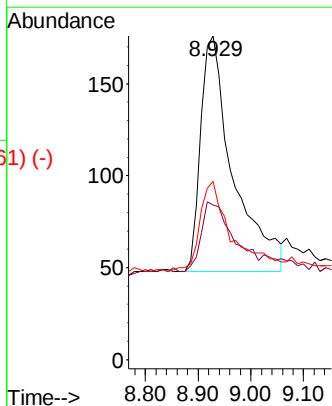
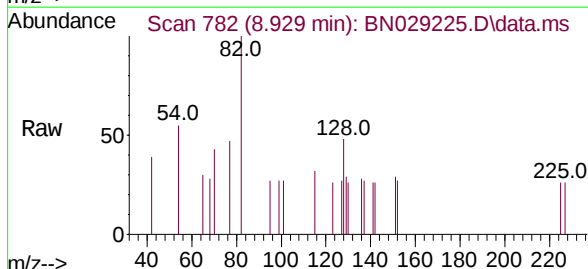
Tgt Ion: 82 Resp: 545

Ion Ratio Lower Upper

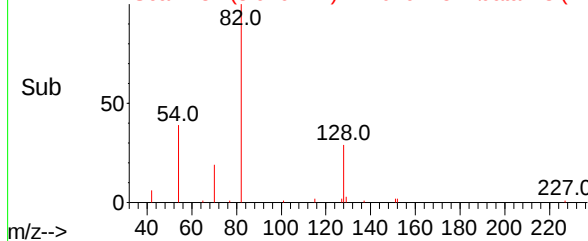
82 100

128 47.7 34.2 51.2

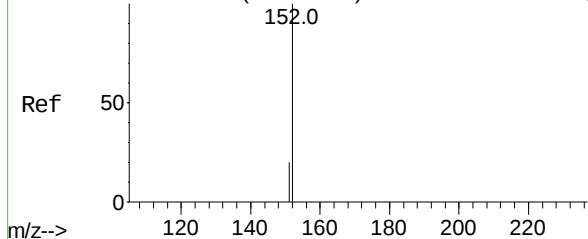
54 55.1 38.8 58.2



Abundance Scan 782 (8.929 min): BN029225.D\data.ms (-761-)



Abundance Scan 1185 (12.121 min): BN029196.D\data.ms (-1185) (-)



2-Methylnaphthalene-d10  
Concen: 0.280 ng  
RT: 12.132 min Scan# 1185  
Delta R.T. 0.011 min  
Lab File: BN029225.D  
Acq: 09 Jan 2024 13:20

Instrument :

BNA\_N

ClientSampleId :

PB158280BL

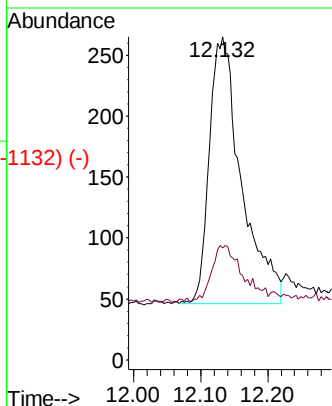
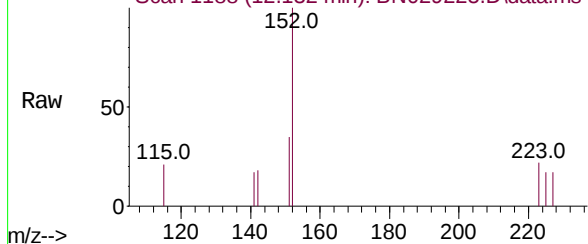
Tgt Ion:152 Resp: 731

Ion Ratio Lower Upper

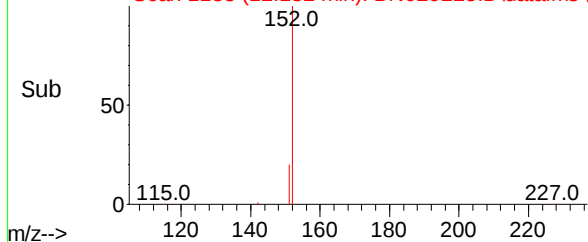
152 100

151 20.0 16.6 24.8

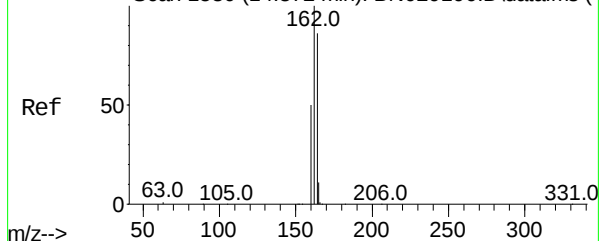
Abundance Scan 1188 (12.132 min): BN029225.D\data.ms



Abundance Scan 1188 (12.132 min): BN029225.D\data.ms (-1188) (-)



Abundance Scan 1530 (14.372 min): BN029196.D\data.ms (-1530) (-)



Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.383 min Scan# 1531  
Delta R.T. 0.011 min  
Lab File: BN029225.D  
Acq: 09 Jan 2024 13:20

Tgt Ion:164 Resp: 844

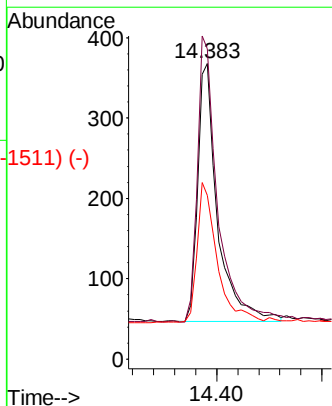
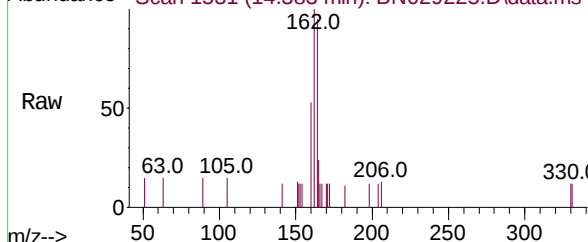
Ion Ratio Lower Upper

164 100

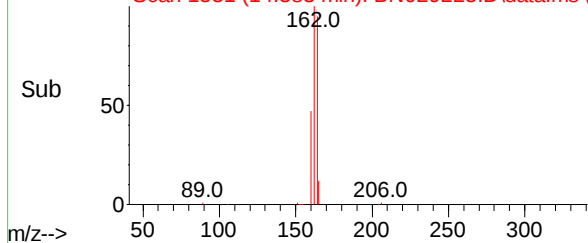
162 104.9 91.8 137.8

160 55.4 49.4 74.2

Abundance Scan 1531 (14.383 min): BN029225.D\data.ms



Abundance Scan 1531 (14.383 min): BN029225.D\data.ms (-1531) (-)



Abundance Scan 1666 (15.878 min): BN029196.D\data.ms (-1611) (-)

2,4,6-Tribromophenol

Concen: 0.261 ng

RT: 15.902 min Scan# 1611

Delta R.T. 0.025 min

Lab File: BN029225.D

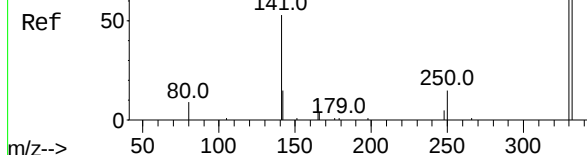
Acq: 09 Jan 2024 13:20

Instrument :

BNA\_N

ClientSampleId :

PB158280BL



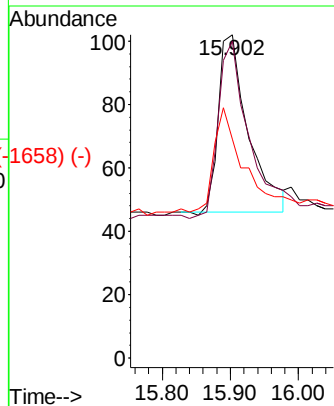
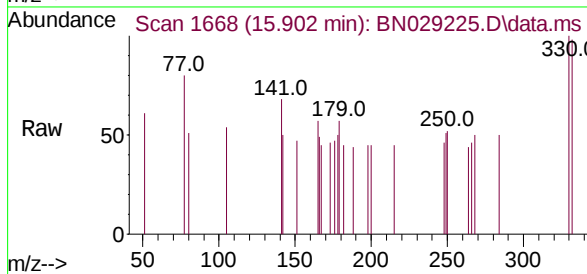
Tgt Ion:330 Resp: 170

Ion Ratio Lower Upper

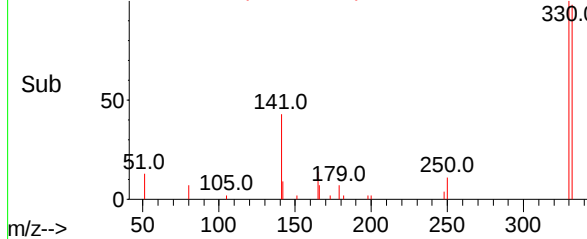
330 100

332 107.1 74.4 111.6

141 61.2 46.7 70.1



Abundance Scan 1668 (15.902 min): BN029225.D\data.ms (-1658) (-)



Abundance Scan 1402 (13.004 min): BN029196.D\data.ms (-1395) (-)

2-Fluorobiphenyl

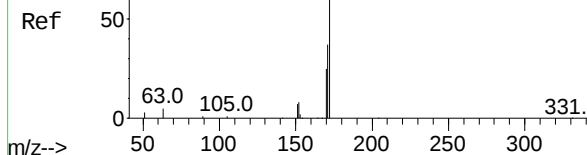
Concen: 0.290 ng

RT: 13.014 min Scan# 1403

Delta R.T. 0.011 min

Lab File: BN029225.D

Acq: 09 Jan 2024 13:20



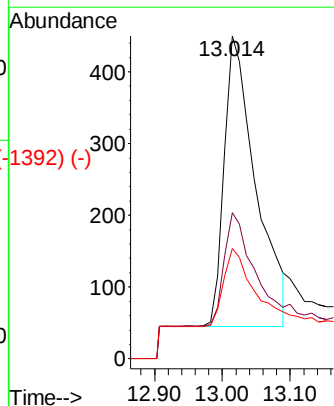
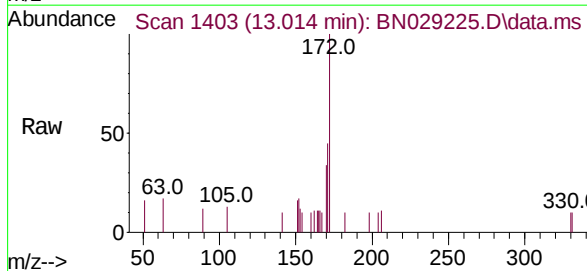
Tgt Ion:172 Resp: 1312

Ion Ratio Lower Upper

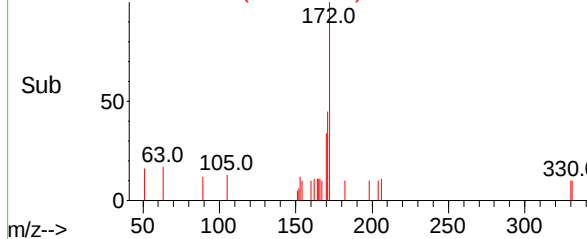
172 100

171 45.3 32.8 49.2

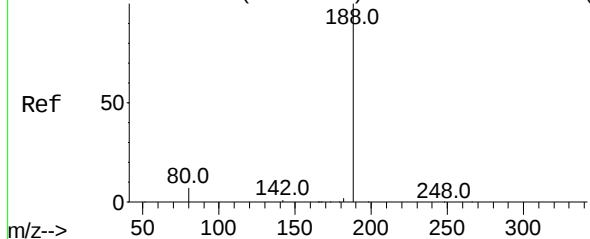
170 34.2 24.0 36.0



Abundance Scan 1403 (13.014 min): BN029225.D\data.ms (-1392) (-)



Abundance Scan 1767 (17.131 min): BN029196.D\data.ms (-1767) (-)



Phenanthrene-d10

Concen: 0.400 ng

RT: 17.144 min Scan# 1767

Delta R.T. 0.012 min

Lab File: BN029225.D

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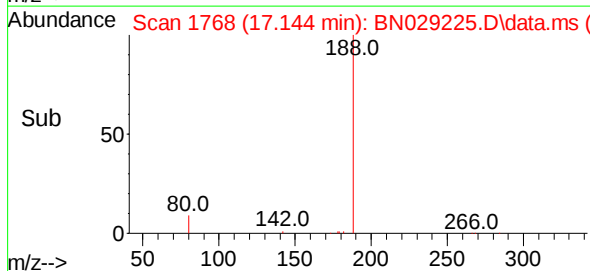
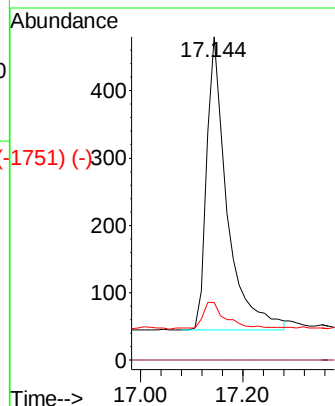
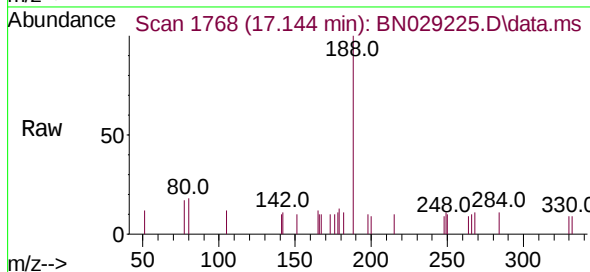
Tgt Ion:188 Resp: 1201

Ion Ratio Lower Upper

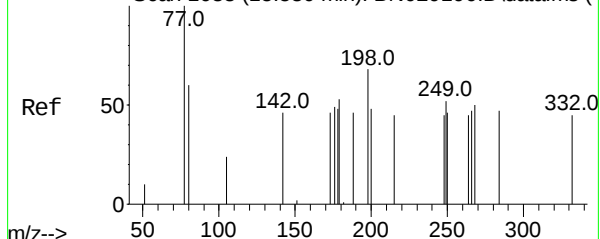
188 100

94 0.0 0.0 0.0

80 17.9 8.8 13.2#



Abundance Scan 1638 (15.530 min): BN029196.D\data.ms (-1638) (-)



4,6-Dinitro-2-methylphenol

Concen: 0.105 ng

RT: 15.530 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BN029225.D

Acq: 09 Jan 2024 13:20

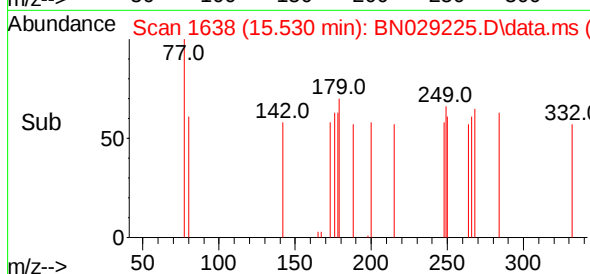
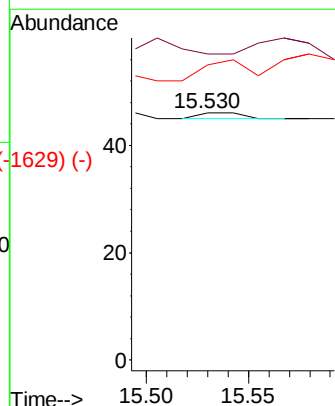
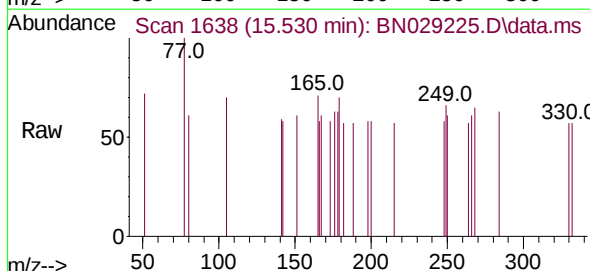
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

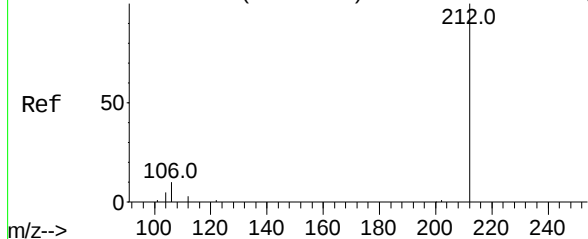
198 100

51 123.9 47.4 71.2#

105 119.6 54.5 81.7#



Abundance Scan 2021 (19.173 min): BN029196.D\data.ms (-2021) (-)



Fluoranthene-d10

Concen: 0.261 ng

RT: 19.178 min Scan# 2021

Delta R.T. 0.005 min

Lab File: BN029225.D

Acq: 09 Jan 2024 13:20

Instrument :

BNA\_N

ClientSampleId :

PB158280BL

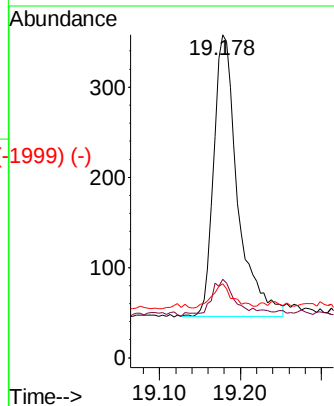
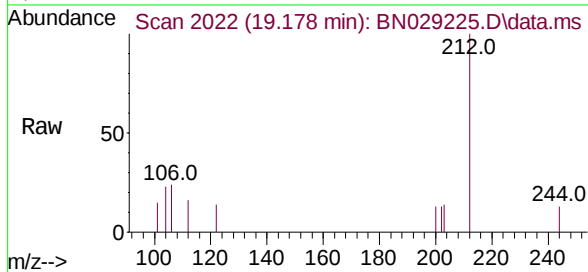
Tgt Ion:212 Resp: 639

Ion Ratio Lower Upper

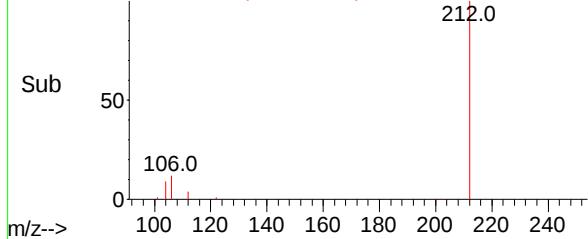
212 100

106 10.3 9.7 14.5

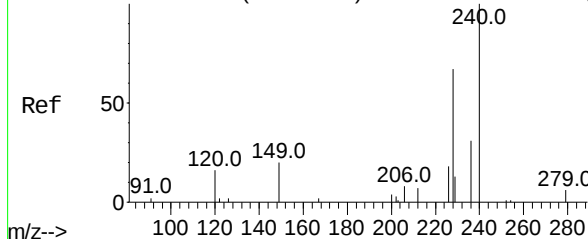
104 7.7 6.3 9.5



Abundance Scan 2022 (19.178 min): BN029225.D\data.ms (-1999) (-)



Abundance Scan 2453 (21.349 min): BN029196.D\data.ms (-2429) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.349 min Scan# 2454

Delta R.T. 0.009 min

Lab File: BN029225.D

Acq: 09 Jan 2024 13:20

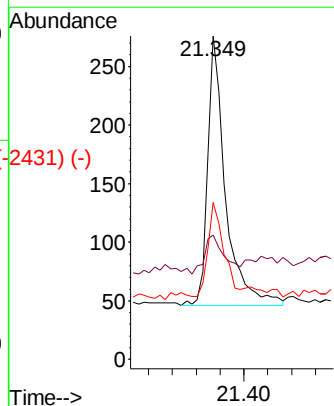
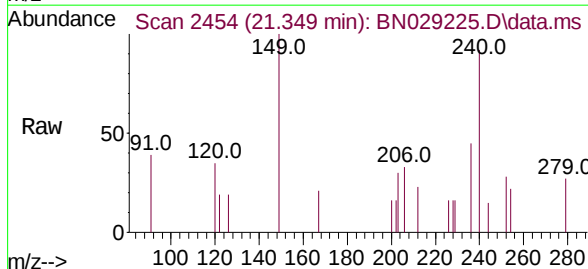
Tgt Ion:240 Resp: 478

Ion Ratio Lower Upper

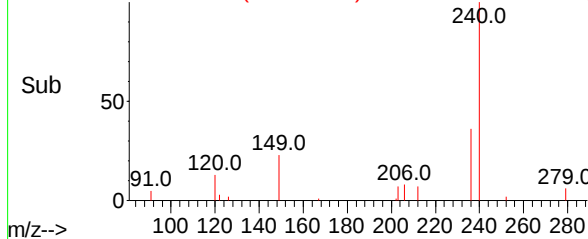
240 100

120 38.4 24.6 36.8#

236 48.6 32.0 48.0#



Abundance Scan 2454 (21.349 min): BN029225.D\data.ms (-2431) (-)



Abundance Scan 2153 (19.787 min): BN029196.D\data.ms (-244) (-)

Terphenyl-d14

Concen: 0.258 ng

RT: 19.786 min Scan# 2153

Delta R.T. -0.000 min

Lab File: BN029225.D

Acq: 09 Jan 2024 13:20

Instrument :

BNA\_N

ClientSampleId :

PB158280BL

Tgt Ion:244 Resp: 382

Ion Ratio Lower Upper

244 100

212 35.5 20.1 30.1#

122 41.6 23.9 35.9#

Abundance Scan 2153 (19.786 min): BN029225.D\data.ms

Ref

101.0 122.0 212.0 244.0

m/z-->

Raw

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 2153 (19.786 min): BN029225.D\data.ms (-2121) (-)

Sub

101.0 122.0 212.0 244.0

m/z-->

Abundance

19.786

200

150

100

50

0

Time-->

Abundance Scan 2445 (21.268 min): BN029196.D\data.ms (-2434) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.029 ng

RT: 21.286 min Scan# 2447

Delta R.T. 0.018 min

Lab File: BN029225.D

Acq: 09 Jan 2024 13:20

Tgt Ion:149 Resp: 117

Ion Ratio Lower Upper

149 100

167 12.8 20.7 31.1#

279 9.4 2.4 3.6#

Abundance Scan 2447 (21.286 min): BN029225.D\data.ms

Ref

91.0 120.0 149.0 206.0 252.0 279.0

m/z-->

Raw

91.0 120.0 149.0 206.0 252.0 279.0

m/z-->

Abundance Scan 2447 (21.286 min): BN029225.D\data.ms (-2434) (-)

Sub

91.0 120.0 149.0 212.0 254.0

m/z-->

Abundance

21.286

300

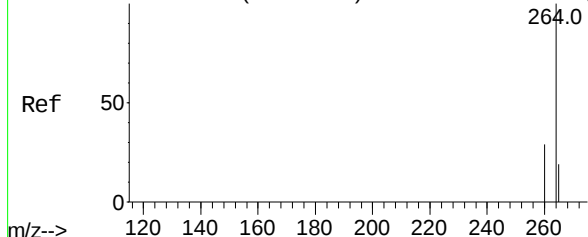
200

100

0

Time-->

Abundance Scan 2990 (23.628 min): BN029196.D\data.ms (-2939) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.636 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN029225.D

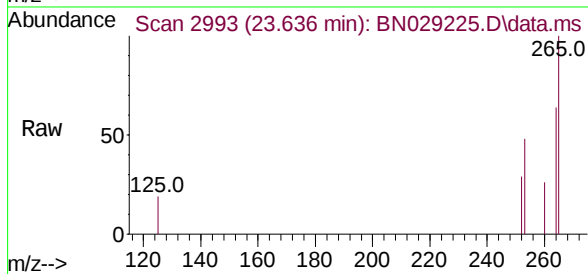
Acq: 09 Jan 2024 13:20

Instrument :

BNA\_N

ClientSampleId :

PB158280BL



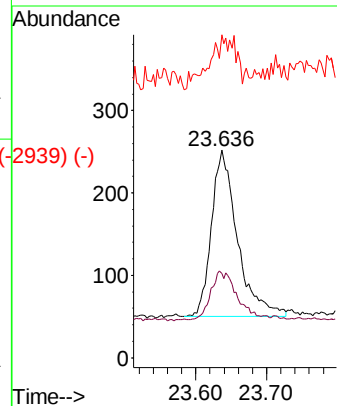
Tgt Ion:264 Resp: 513

Ion Ratio Lower Upper

264 100

260 40.5 30.2 45.4

265 155.6 88.1 132.1#



Abundance Scan 2993 (23.636 min): BN029225.D\data.ms (-2939) (-)

